

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064059.D
 Acq On : 24 Oct 2019 21:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:47:57 PM

Quant Time: Oct 25 05:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	116002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	194201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	219968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	68399	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
35) Dibromofluoromethane	7.92	113	65960	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
50) Toluene-d8	10.34	98	276620	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
62) 4-Bromofluorobenzene	12.64	95	98612	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34383	41.795	ug/l	94
3) Chloromethane	2.21	50	131864	60.237	ug/l	97
4) Vinyl Chloride	2.35	62	139960	52.639	ug/l	99
5) Bromomethane	2.77	94	93774	54.859	ug/l	89
6) Chloroethane	2.92	64	102311	58.185	ug/l	99
7) Trichlorofluoromethane	3.27	101	206526	58.749	ug/l	95
8) Diethyl Ether	3.71	74	33253	58.933	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	41055	42.190	ug/l	94
10) Methyl Iodide	4.30	142	53968	40.249	ug/l	99
11) Tert butyl alcohol	5.24	59	21873	279.735	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	39518	40.648	ug/l	97
13) Acrolein	3.93	56	27156	269.223	ug/l	93
14) Allyl chloride	4.71	41	85279	52.761	ug/l	92
15) Acrylonitrile	5.43	53	82942	333.412	ug/l	96
16) Acetone	4.17	43	69562	236.577	ug/l #	83
17) Carbon Disulfide	4.41	76	133123	37.669	ug/l #	92
18) Methyl Acetate	4.73	43	38911	67.659	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	141109	56.052	ug/l	94
20) Methylene Chloride	4.97	84	89462	69.760	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	60513	50.000	ug/l	90
22) Diisopropyl ether	6.36	45	207558	62.876	ug/l	95
23) Vinyl Acetate	6.31	43	624675	318.101	ug/l	98
24) 1,1-Dichloroethane	6.27	63	116229	57.162	ug/l	96
25) 2-Butanone	7.22	43	107347	308.058	ug/l	97
26) 2,2-Dichloropropane	7.21	77	85786	46.640	ug/l	92
27) cis-1,2-Dichloroethene	7.21	96	76424	55.790	ug/l	99
28) Bromochloromethane	7.55	49	56341	72.029	ug/l	91
29) Tetrahydrofuran	7.57	42	66278	325.863	ug/l	97
30) Chloroform	7.71	83	131443	59.519	ug/l	96
31) Cyclohexane	7.98	56	89602	53.586	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	103055	54.399	ug/l	97
36) 1,1-Dichloropropene	8.11	75	87530	49.295	ug/l	97
37) Ethyl Acetate	7.30	43	44597	63.732	ug/l	96
38) Carbon Tetrachloride	8.10	117	88128	49.114	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	104139	47.700	ug/l	99
40) Benzene	8.36	78	283261	55.668	ug/l	94
41) Methacrylonitrile	7.53	41	21062m	51.162	ug/l	
42) 1,2-Dichloroethane	8.43	62	85294	57.948	ug/l	99
43) Isopropyl Acetate	8.46	43	84328	56.630	ug/l	97
44) Trichloroethene	9.11	130	80088	54.582	ug/l	99
45) 1,2-Dichloropropane	9.39	63	73095	58.689	ug/l	93
46) Dibromomethane	9.48	93	45036	63.493	ug/l	98
47) Bromodichloromethane	9.67	83	108396	59.356	ug/l	93
48) Methyl methacrylate	9.46	41	39466	55.315	ug/l	96
49) 1,4-Dioxane	9.47	88	11184	1155.129	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	240493	311.405	ug/l	96
52) Toluene	10.41	92	205740	58.899	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	105960	59.460	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	120473	58.729	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	65208	65.110	ug/l	91
56) Ethyl methacrylate	10.67	69	77594	61.181	ug/l	96
57) 1,3-Dichloropropane	10.95	76	107913	62.976	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.95	63	163796	300.459	ug/l	94
59) 2-Hexanone	10.99	43	170049	304.395	ug/l	97
60) Dibromochloromethane	11.14	129	86218	66.125	ug/l	97
61) 1,2-Dibromoethane	11.25	107	64047	65.965	ug/l	99
64) Tetrachloroethene	10.88	164	75901	50.544	ug/l	94
65) Chlorobenzene	11.67	112	239284	54.166	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	89882	55.218	ug/l	99
67) Ethyl Benzene	11.75	91	413618	51.925	ug/l	98
68) m/p-Xylenes	11.86	106	330069	107.354	ug/l	97
69) o-Xylene	12.18	106	157421	53.471	ug/l	95
70) Styrene	12.20	104	280795	56.341	ug/l	99
71) Bromoform	12.37	173	53913	61.715	ug/l #	98
73) Isopropylbenzene	12.48	105	407704	47.080	ug/l	99
74) N-amyl acetate	12.29	43	87928	47.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	78021	51.775	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	45416m	52.638	ug/l	
77) Bromobenzene	12.76	156	110598	51.261	ug/l	98
78) n-propylbenzene	12.83	91	490508	48.255	ug/l	98
79) 2-Chlorotoluene	12.91	91	273484	48.794	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	348366	48.219	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	22217	45.567	ug/l	96
82) 4-Chlorotoluene	13.01	91	290536	48.865	ug/l	97
83) tert-Butylbenzene	13.23	119	320637	49.867	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	371651	49.898	ug/l	100
85) sec-Butylbenzene	13.40	105	423744	48.800	ug/l	99
86) p-Isopropyltoluene	13.52	119	422832	51.460	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	222186	52.119	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	221674	52.708	ug/l	98
89) n-Butylbenzene	13.85	91	379301	49.593	ug/l	96
90) Hexachloroethane	14.11	117	78690	53.247	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	203933	55.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14165	61.042	ug/l	96

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Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	141474	49.907	ug/l	97
94) Hexachlorobutadiene	15.27	225	76706	49.035	ug/l	97
95) Naphthalene	15.41	128	265603	55.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	132771	54.285	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

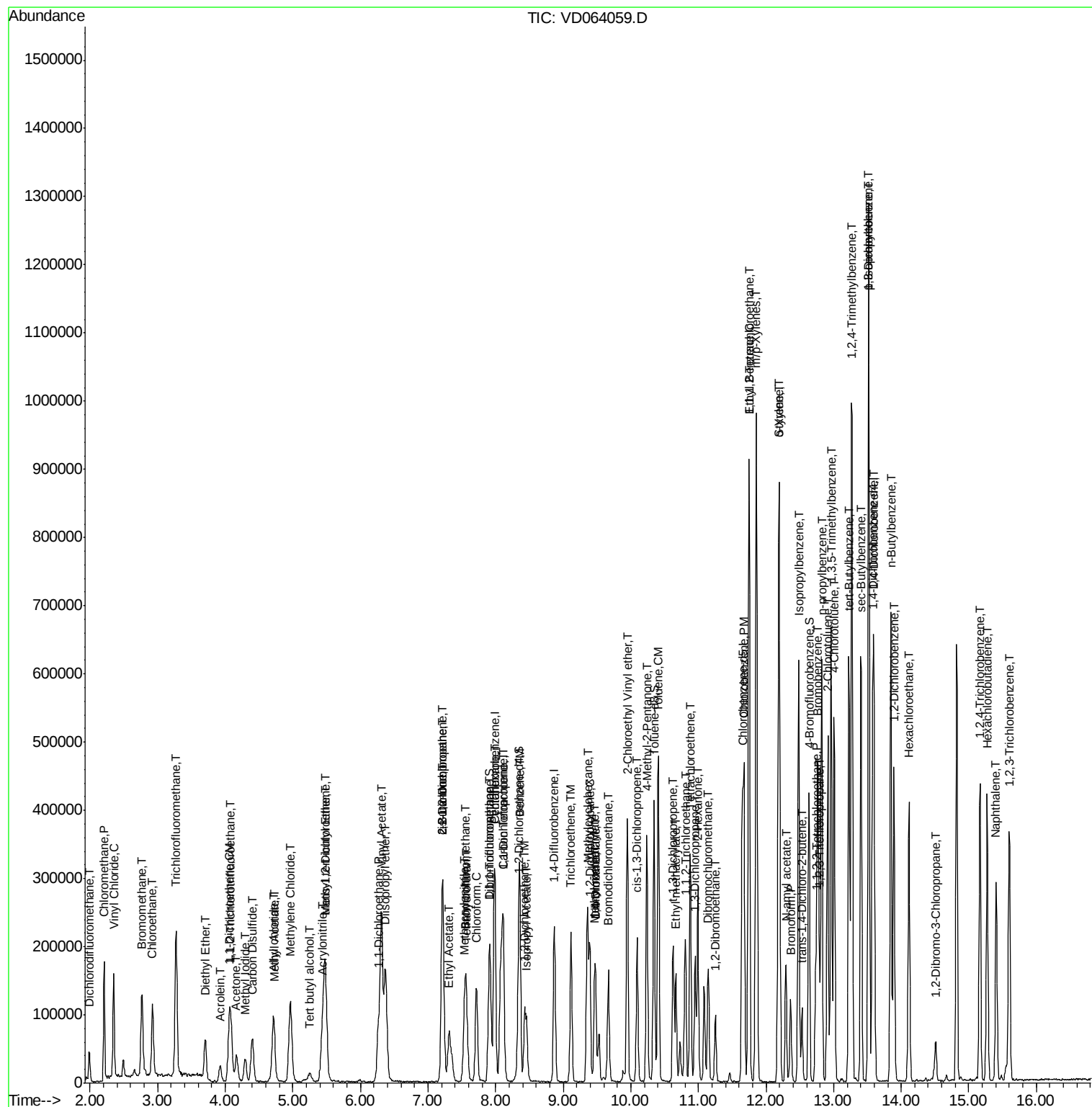
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102419\
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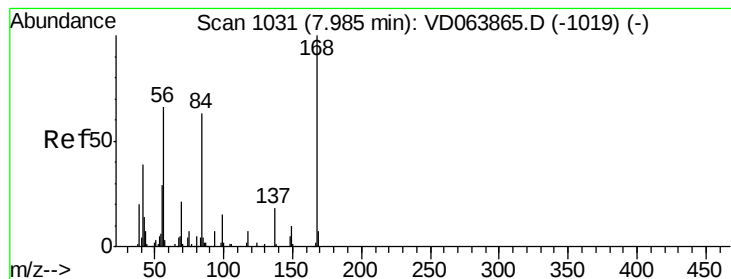
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 116002

Ion Ratio Lower Upper

168 100

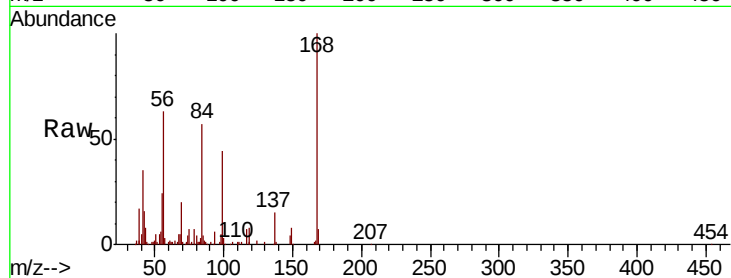
99 43.7 43.0 64.4

Manual Integrations

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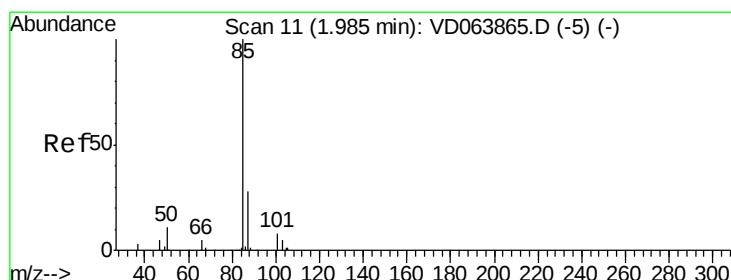
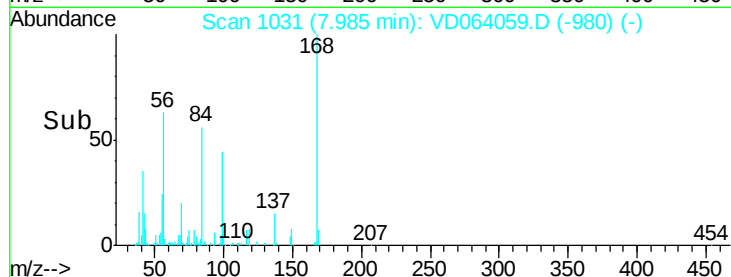
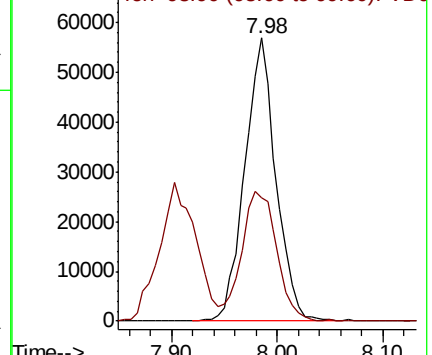
MMDadoda

10/25/2019 4:47:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 41.795 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD064059.D

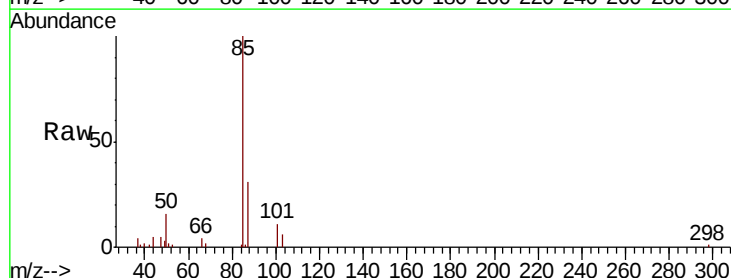
Acq: 24 Oct 2019 21:32

Tgt Ion: 85 Resp: 34383

Ion Ratio Lower Upper

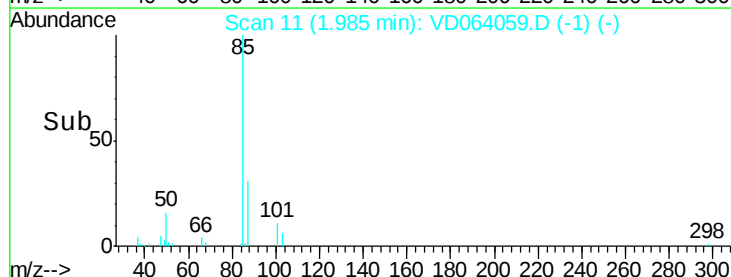
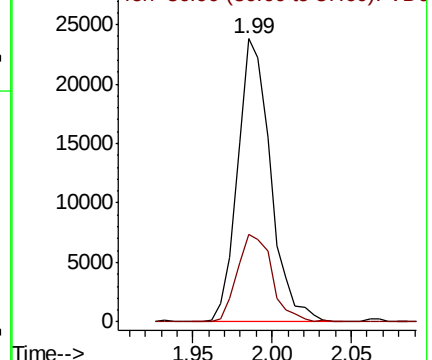
85 100

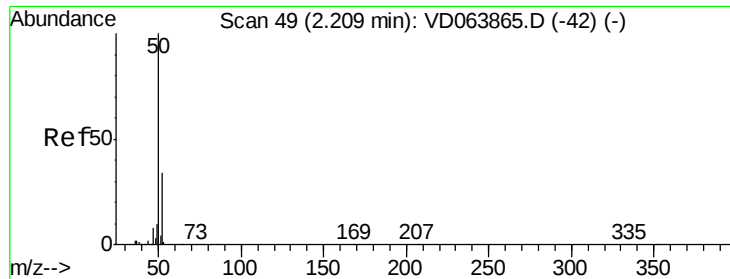
87 31.0 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 60.237 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 131864

Ion Ratio Lower Upper

50 100

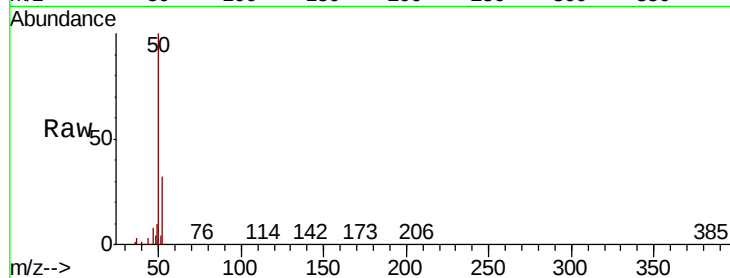
52 32.5 27.5 41.3

Manual Integrations

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10/25/2019 4:47:57 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

120000

100000

80000

60000

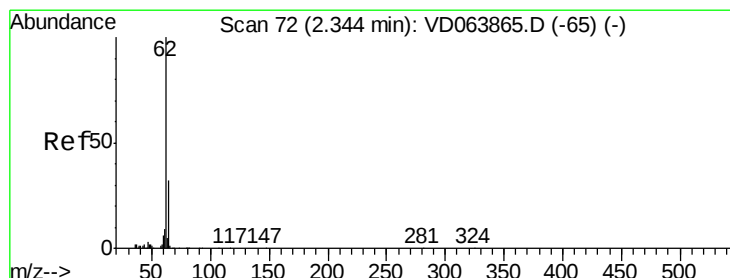
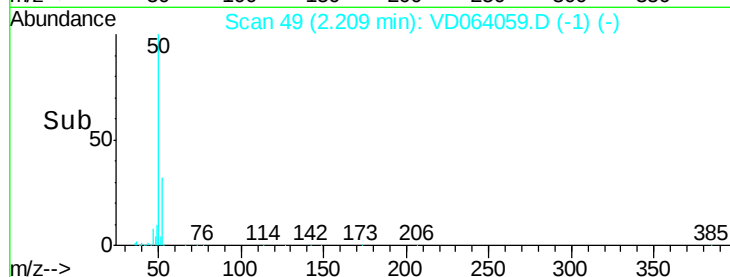
40000

20000

0

2.15 2.20 2.25

Time-->



#4

Vinyl Chloride

Concen: 52.639 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD064059.D

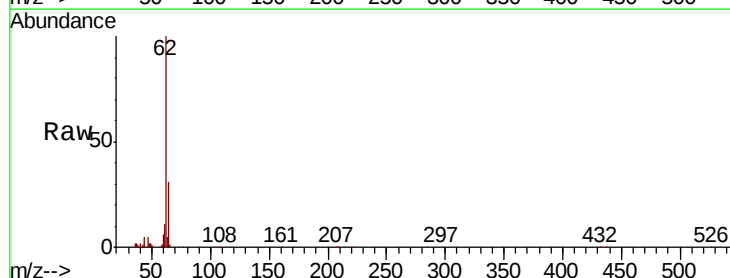
Acq: 24 Oct 2019 21:32

Tgt Ion: 62 Resp: 139960

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

100000

80000

60000

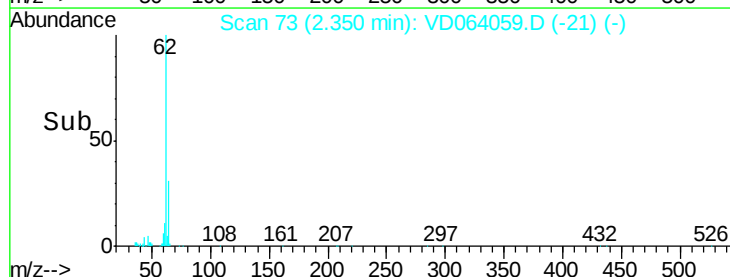
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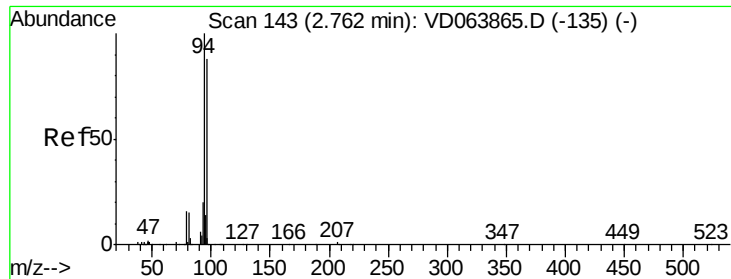
20000

0

2.30 2.35 2.40

Time-->





#5

Bromomethane

Concen: 54.859 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 93774

Ion Ratio Lower Upper

94 100

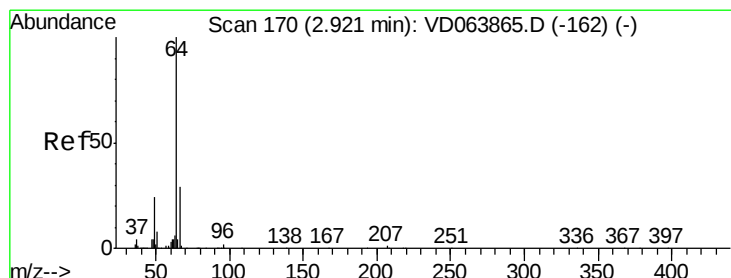
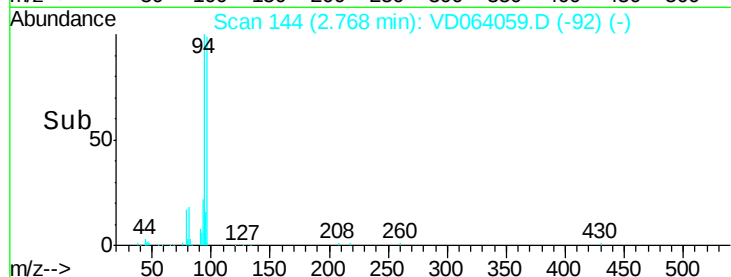
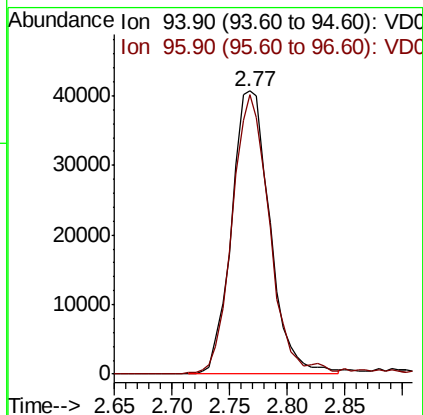
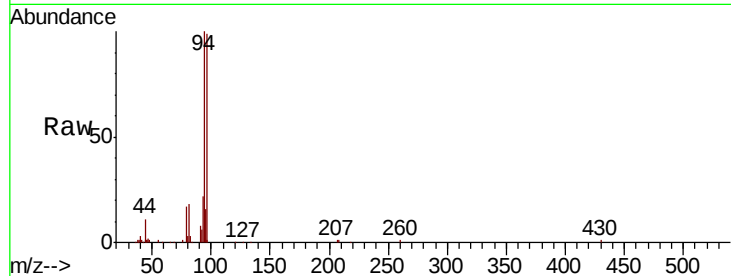
96 98.4 70.8 106.2

Manual Integrations

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#6

Chloroethane

Concen: 58.185 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD064059.D

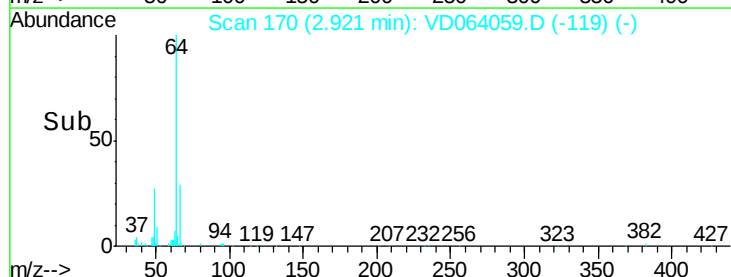
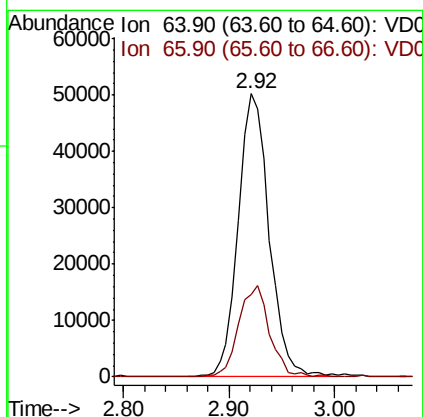
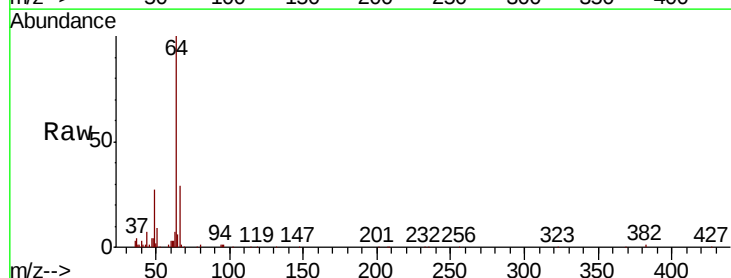
Acq: 24 Oct 2019 21:32

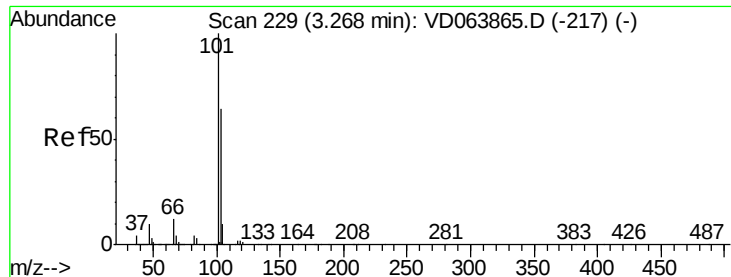
Tgt Ion: 64 Resp: 102311

Ion Ratio Lower Upper

64 100

66 29.1 23.0 34.4





#7

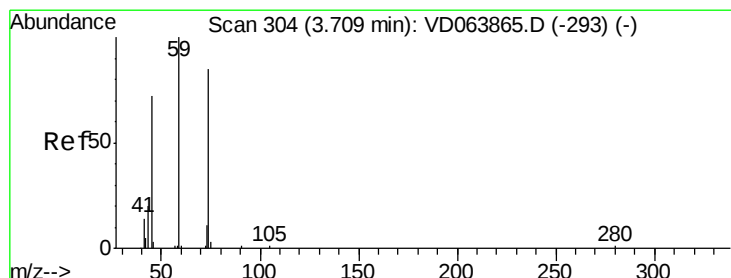
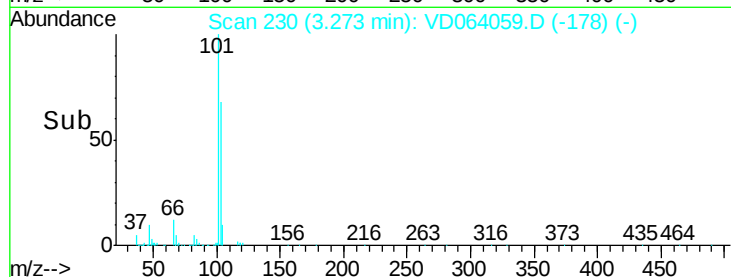
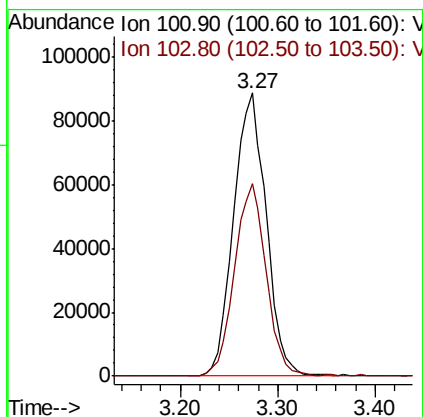
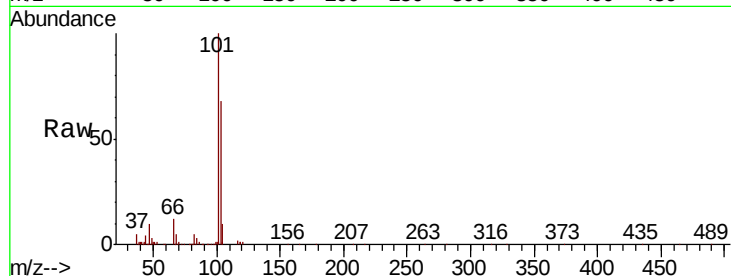
Trichlorofluoromethane
Concen: 58.749 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.1	76.7

Manual Integrations
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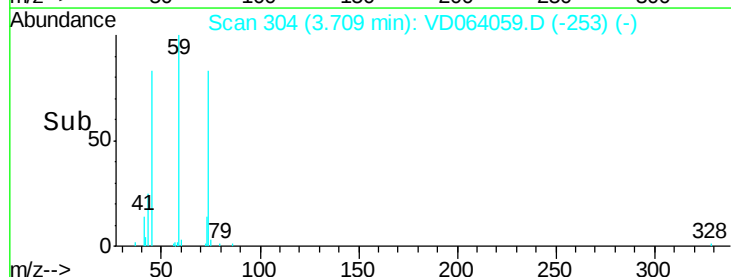
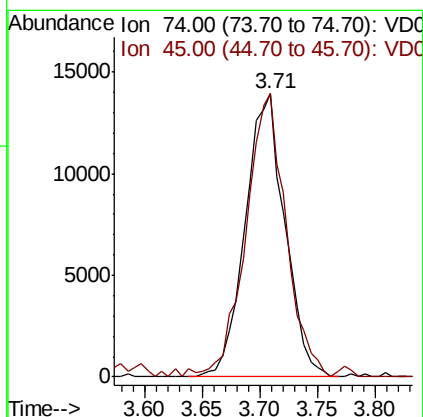
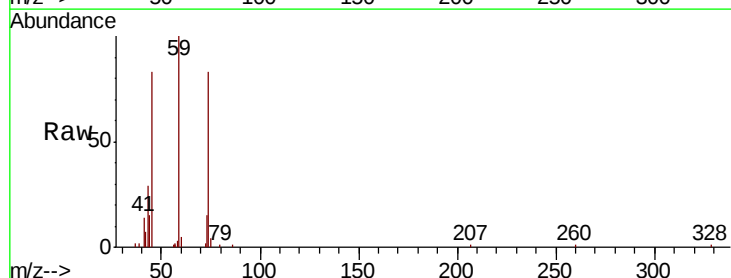
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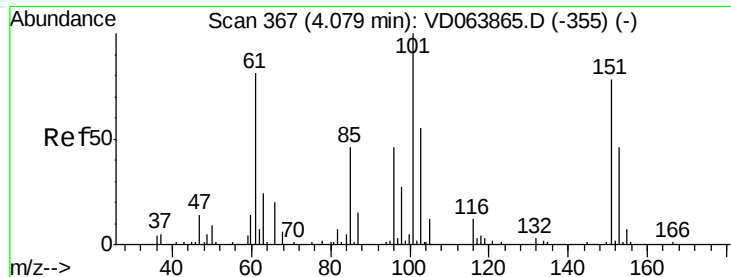


#8

Diethyl Ether
Concen: 58.933 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	48.1	144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.190 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

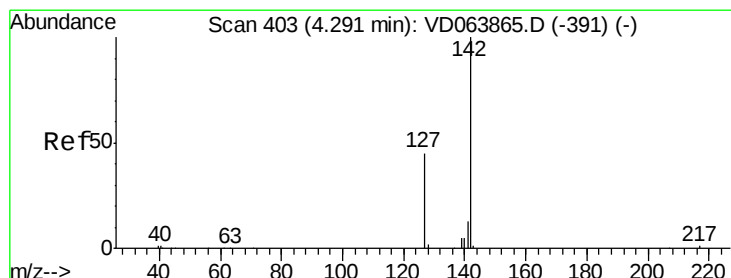
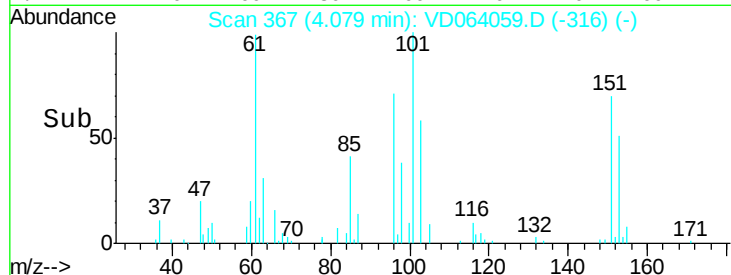
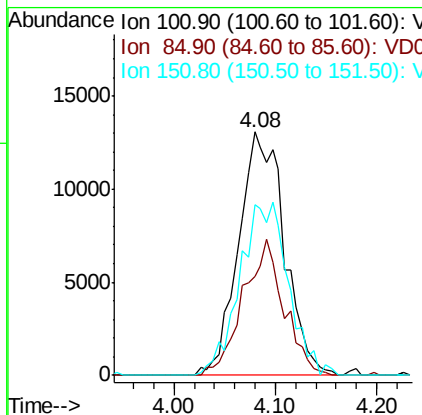
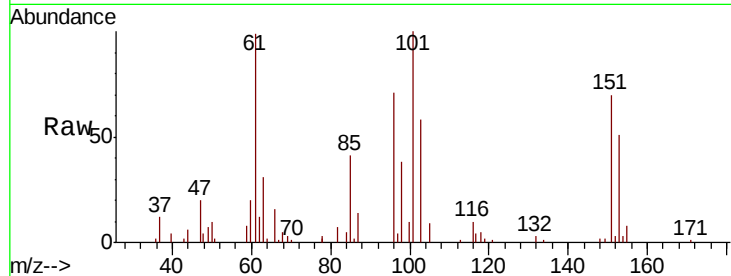
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	41055
Ion Ratio	Lower	Upper	
101	100		
85	49.6	37.5	56.3
151	75.0	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 40.249 ug/l

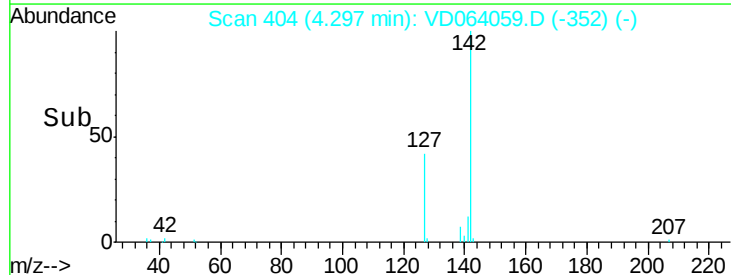
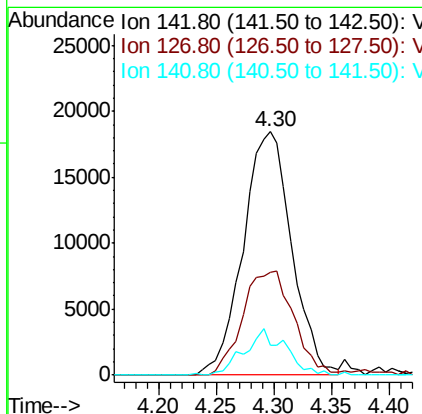
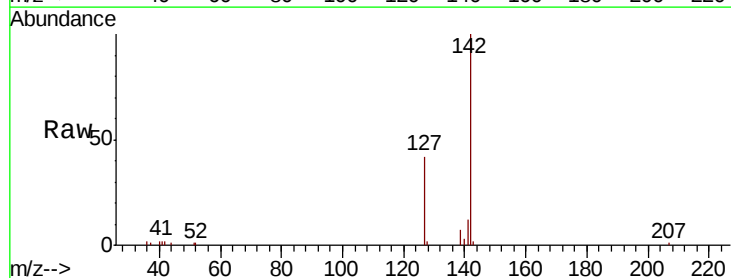
RT: 4.30 min Scan# 404

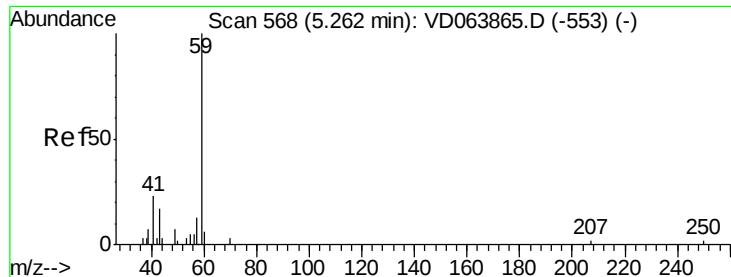
Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	142	Resp:	53968
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.3	52.9
141	15.8	12.2	18.2





#11

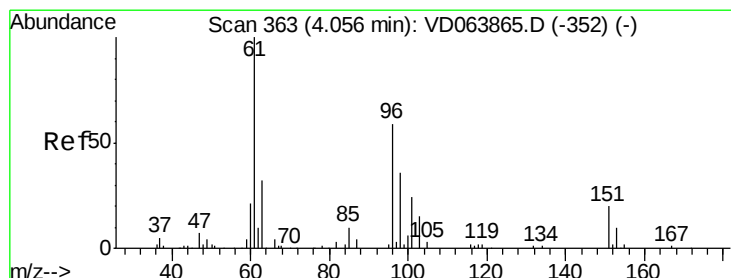
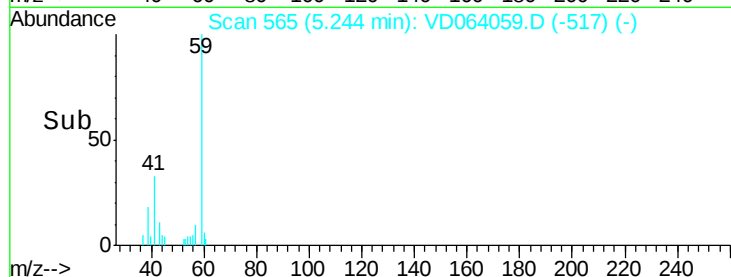
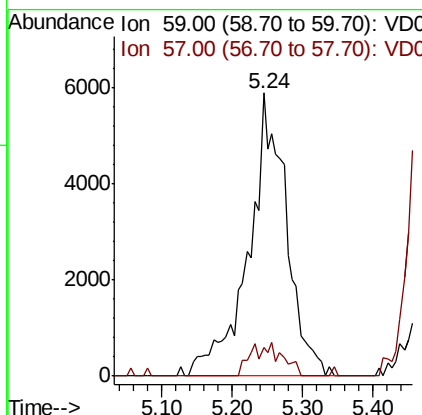
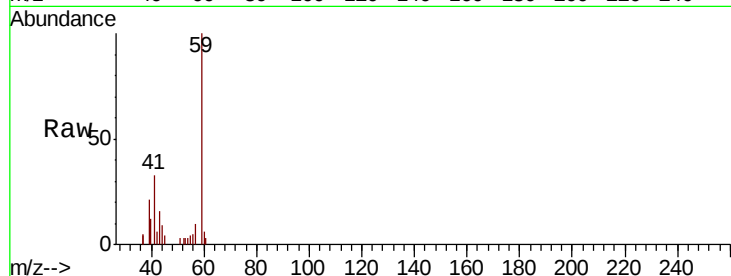
Tert butyl alcohol
Concen: 279.735 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.02 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

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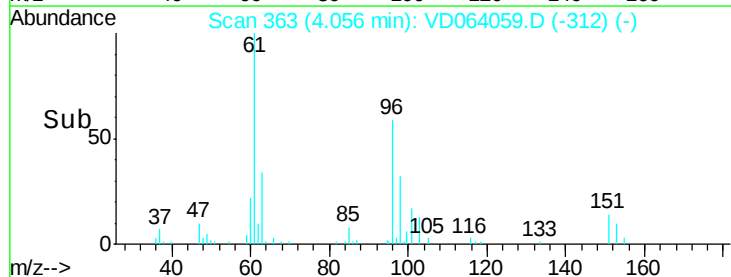
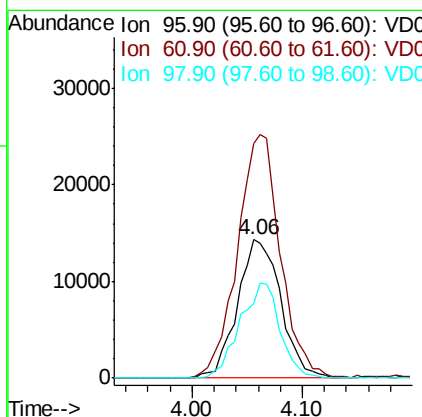
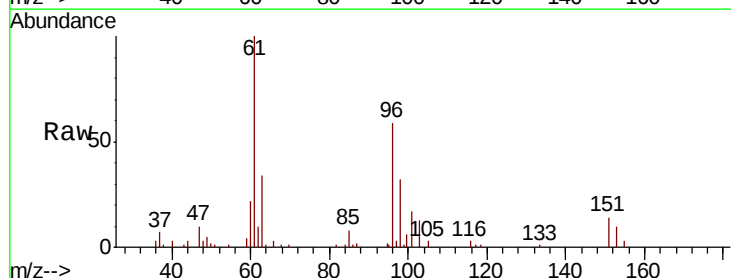
MMDadoda
10/25/2019 4:47:57 PM

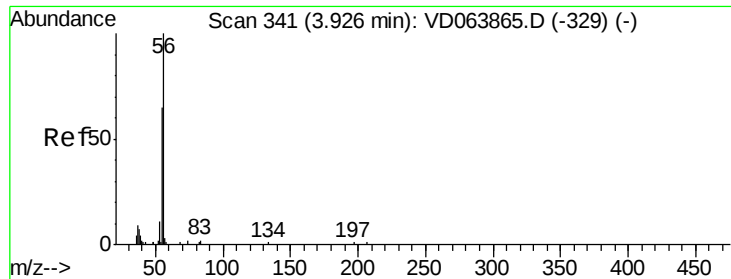


#12

1,1-Dichloroethene
Concen: 40.648 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	135.6	203.4
98	54.1	49.2	73.8





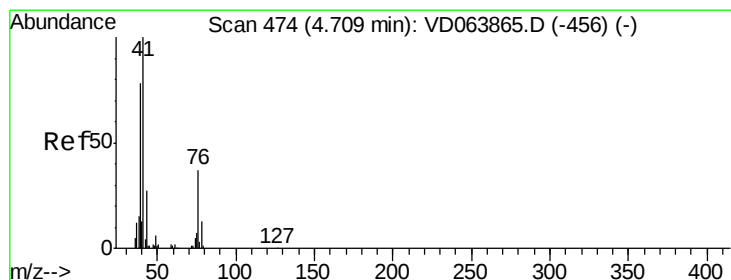
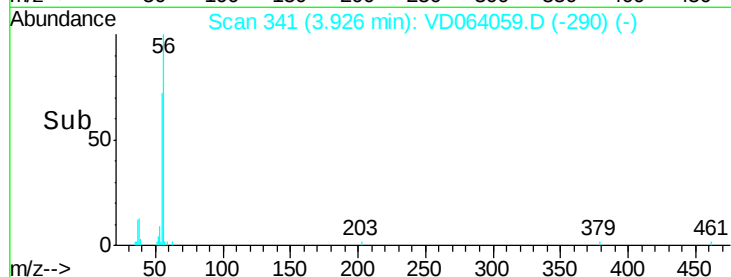
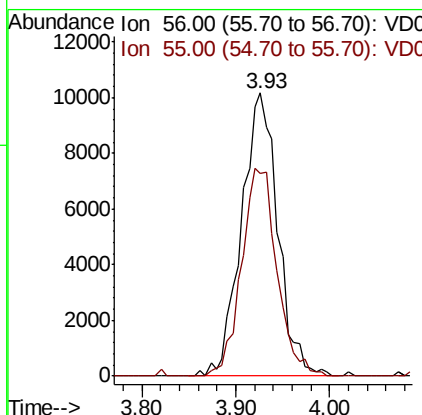
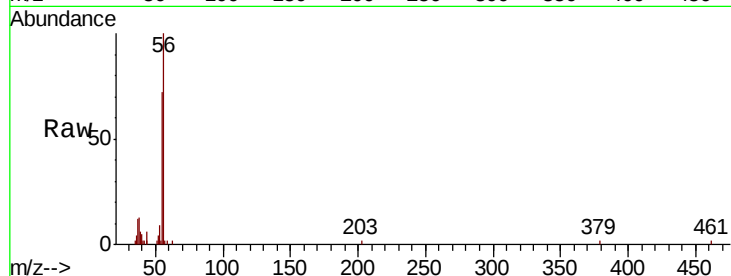
#13
Acrolein
Concen: 269.223 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	27156
Ion Ratio	100	Lower	Upper
56	100		
55	72.0	53.0	79.6

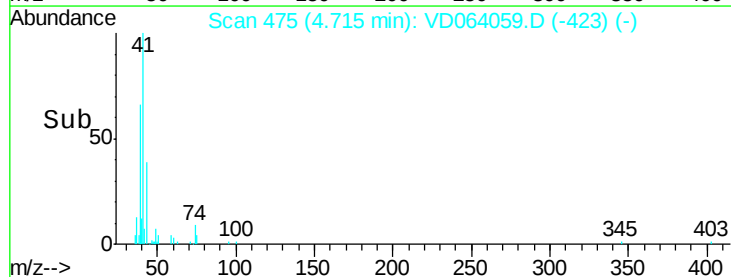
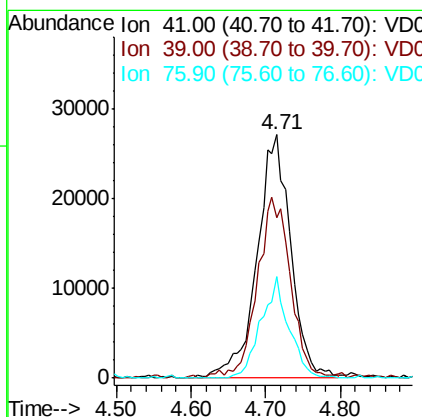
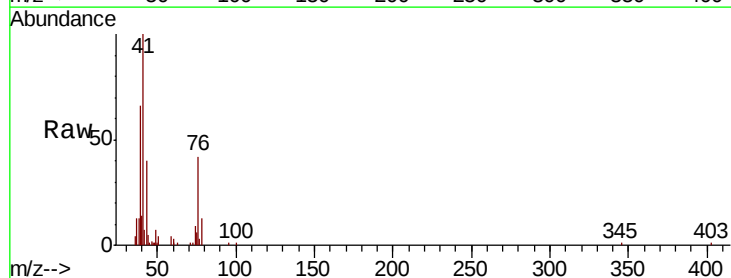
Manual Integrations
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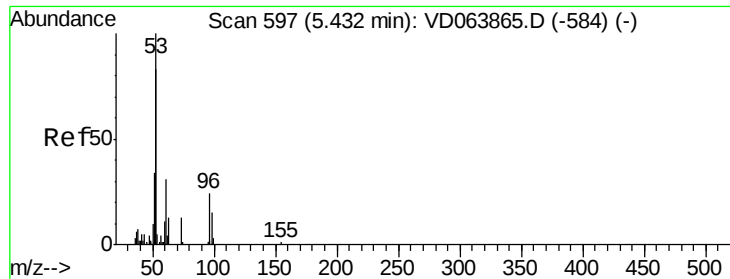
MMDadoda
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#14
Allyl chloride
Concen: 52.761 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	41	Resp	85279
Ion Ratio	100	Lower	Upper
41	100		
39	70.6	61.8	92.6
76	34.3	31.3	46.9





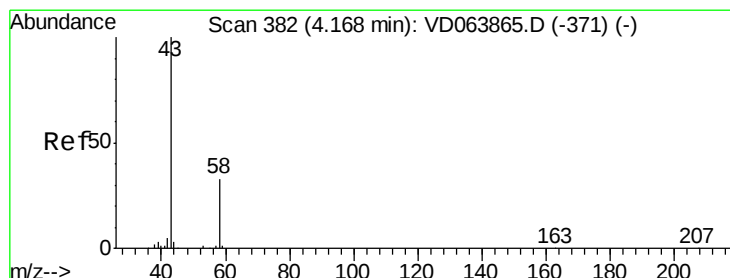
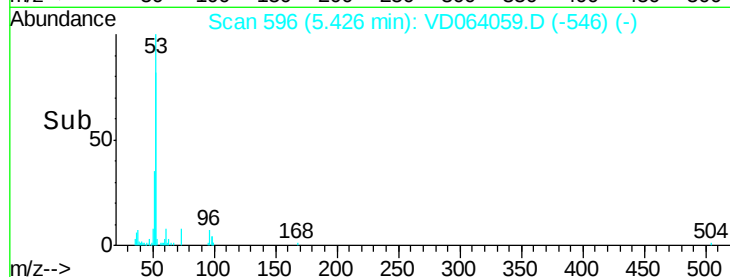
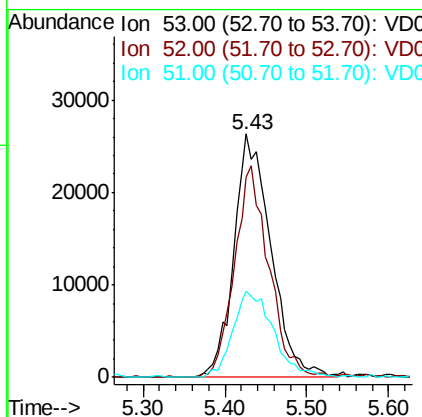
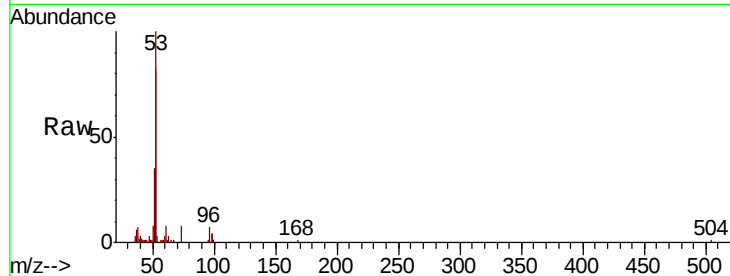
#15
 Acrylonitrile
 Concen: 333.412 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	79.8	67.3	100.9
51	38.7	30.5	45.7

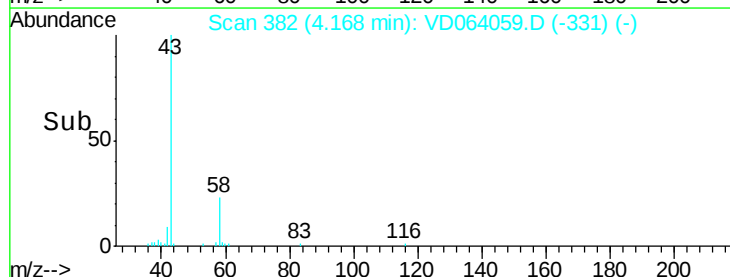
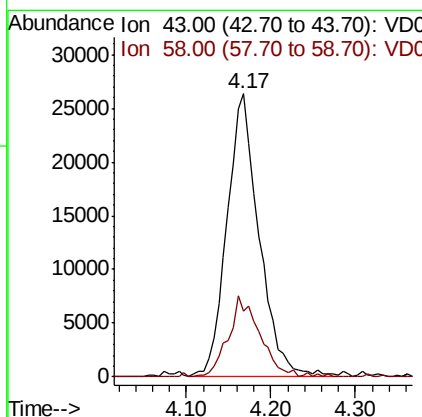
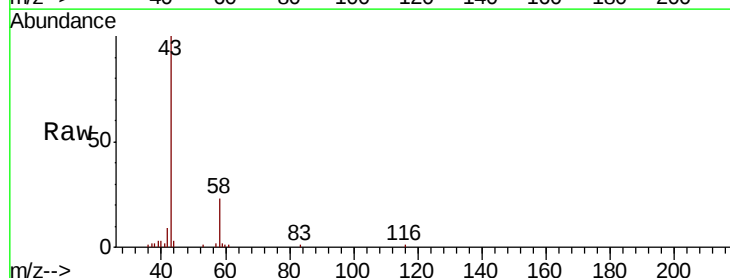
Manual Integrations
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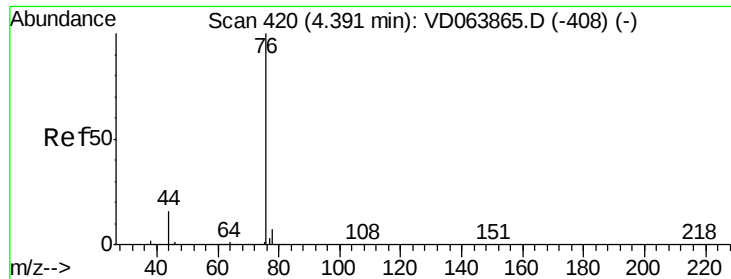
MMDadoda
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#16
 Acetone
 Concen: 236.577 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	23.3	26.2	39.4#





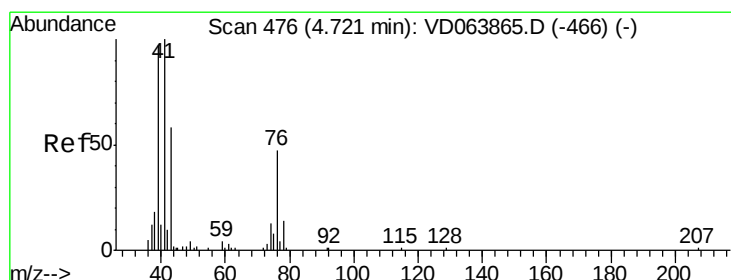
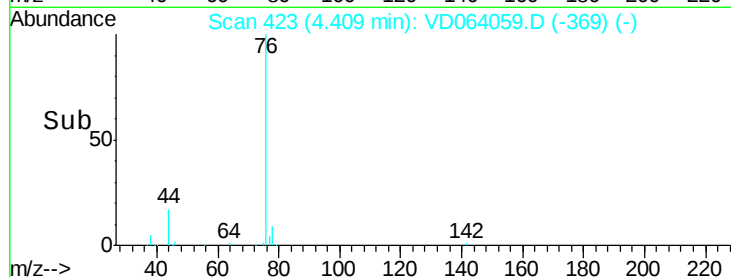
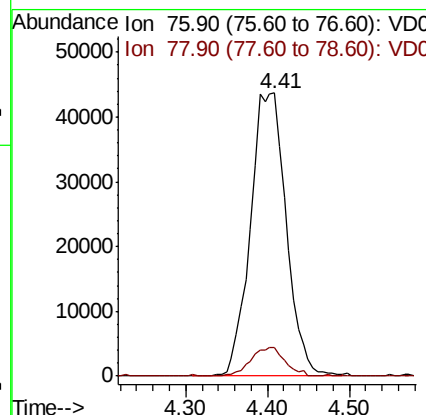
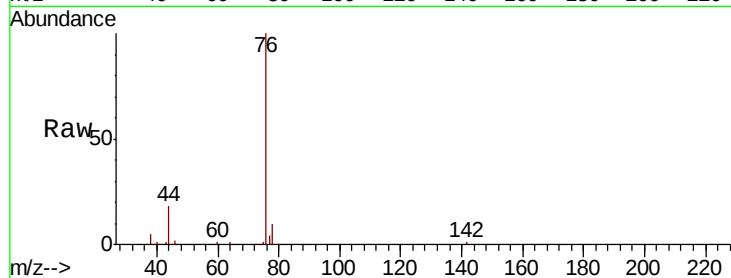
#17
Carbon Disulfide
Concen: 37.669 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.02 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	5.8	8.8#

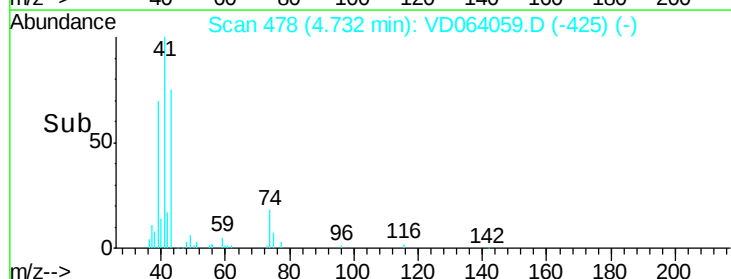
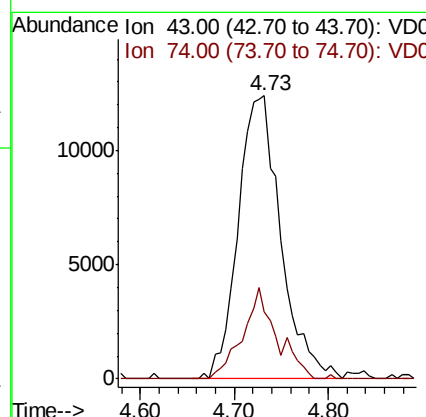
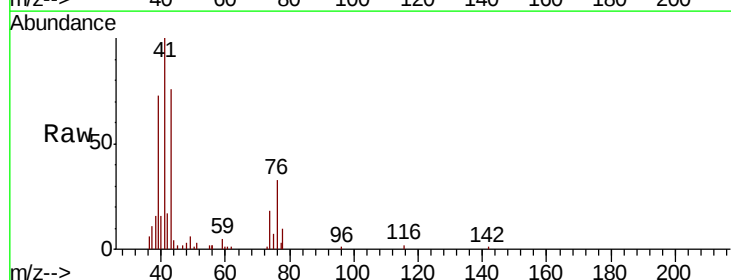
Manual Integrations
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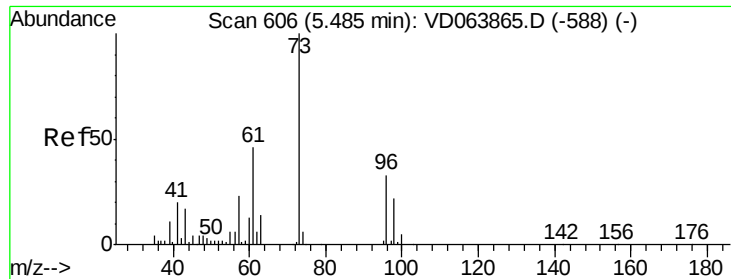
MMDadoda
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#18
Methyl Acetate
Concen: 67.659 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.8	31.2





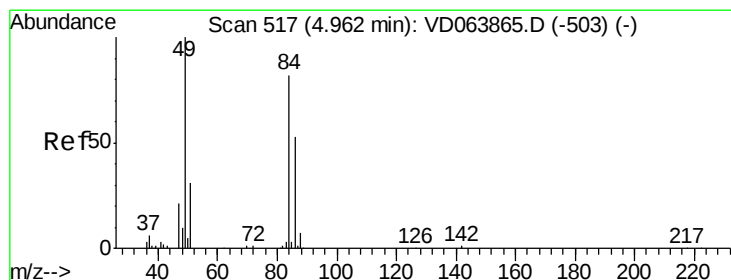
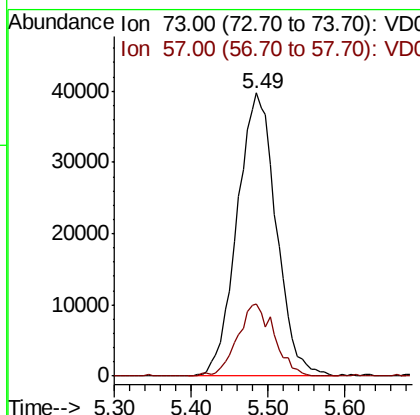
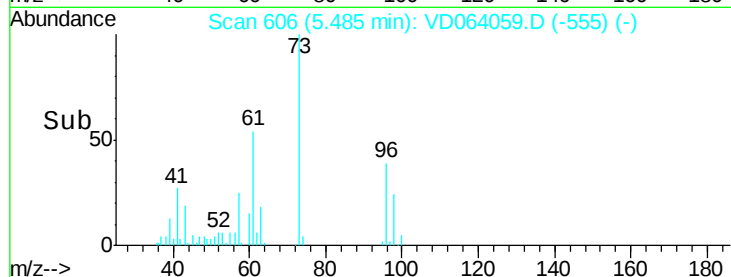
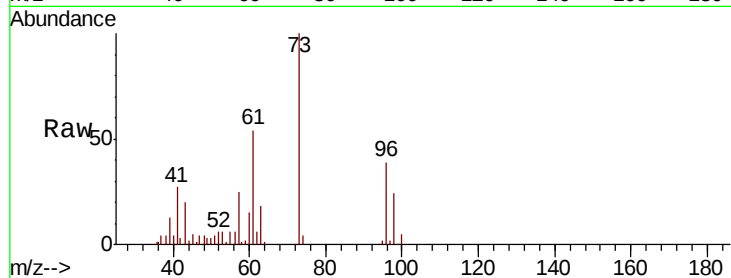
#19
Methvl tert-butvl Ether
Concen: 56.052 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 141109
Ion Ratio Lower Upper
73 100
57 25.4 18.1 27.1

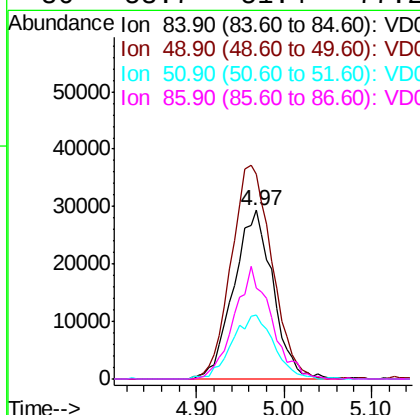
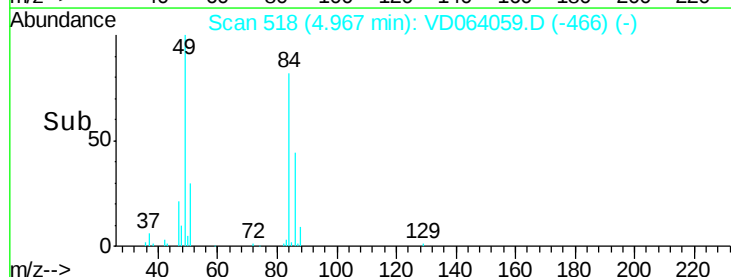
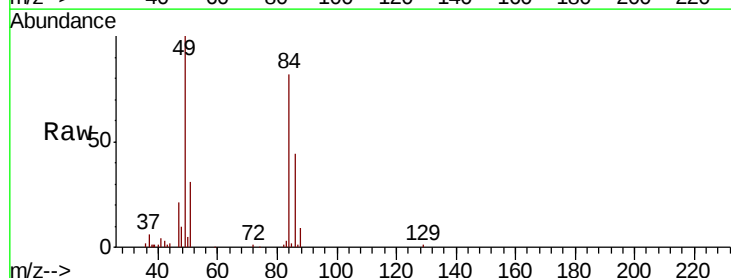
Manual Integrations
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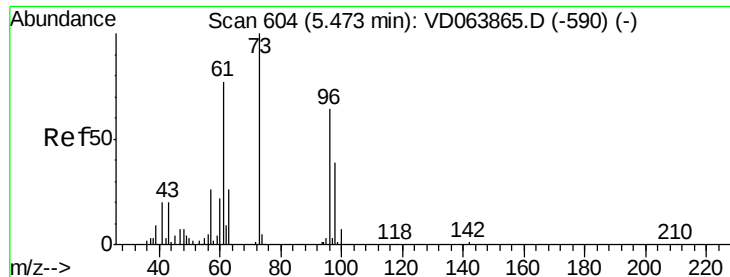
MMDadoda
10/25/2019 4:47:57 PM



#20
Methylene Chloride
Concen: 69.760 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion: 84 Resp: 89462
Ion Ratio Lower Upper
84 100
49 121.8 97.3 145.9
51 37.9 30.1 45.1
86 53.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

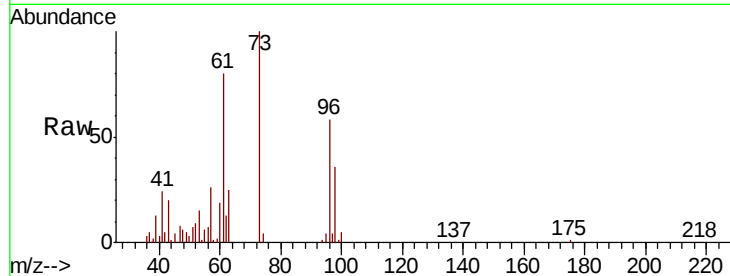
ClientSampleId :

VSTDCCC050EC

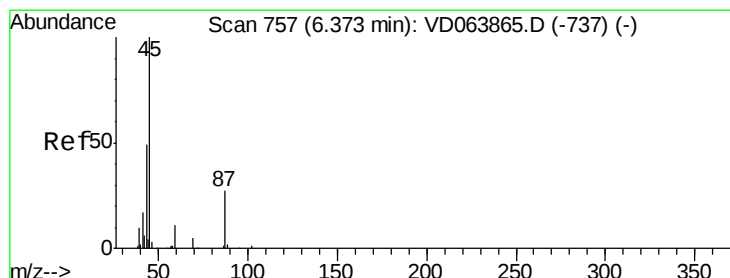
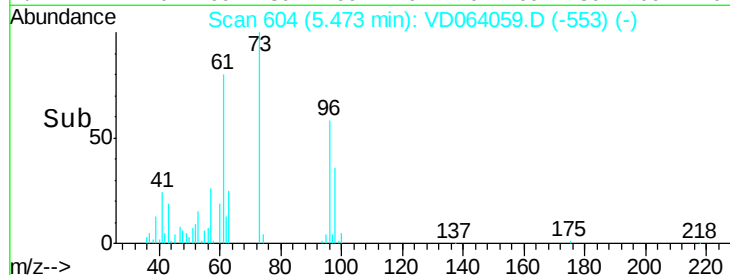
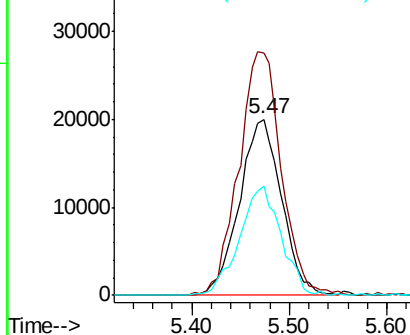
Tot Ion:	96	Resp:	60513
Ion	Ratio	Lower	Upper
96	100		
61	137.5	96.6	145.0
98	62.0	48.7	73.1

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 62.876 ug/l

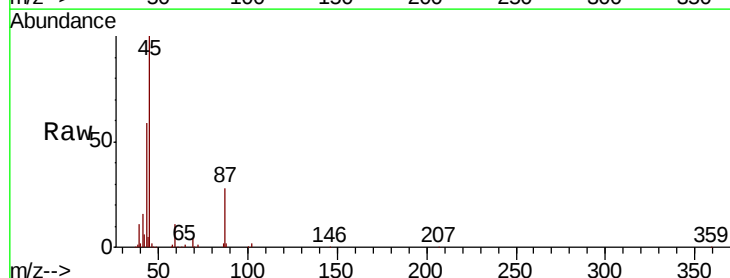
RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

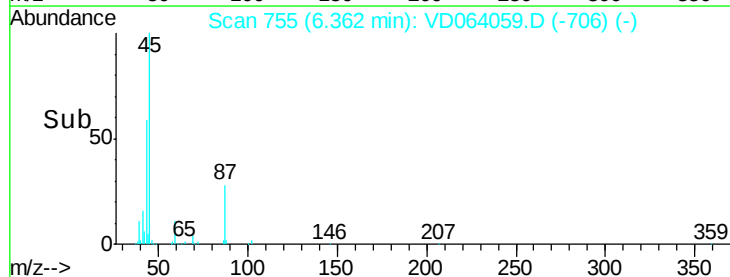
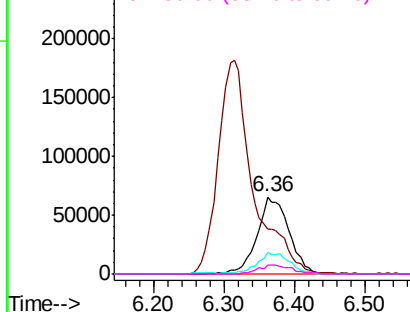
Lab File: VD064059.D

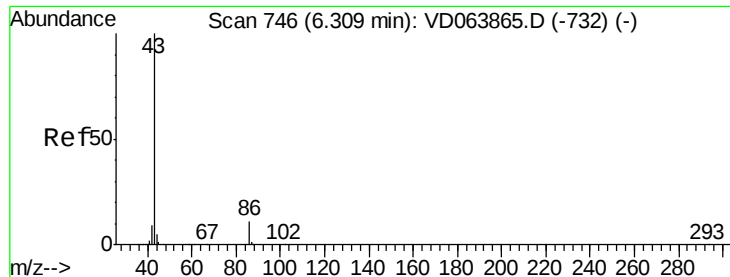
Acq: 24 Oct 2019 21:32

Tgt Ion:	45	Resp:	207558
Ion	Ratio	Lower	Upper
45	100		
43	57.9	41.2	61.8
87	28.1	22.2	33.4
59	11.1	9.2	13.8



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 318.101 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 624675

Ion Ratio Lower Upper

43 100

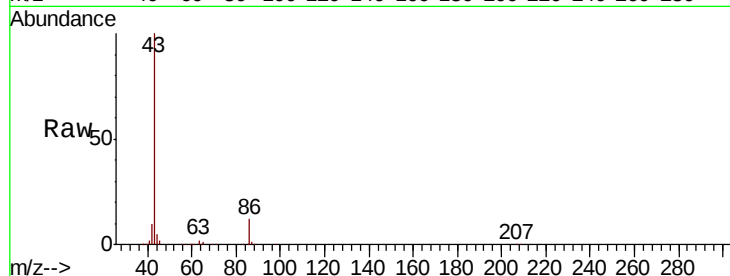
86 11.8 8.8 13.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

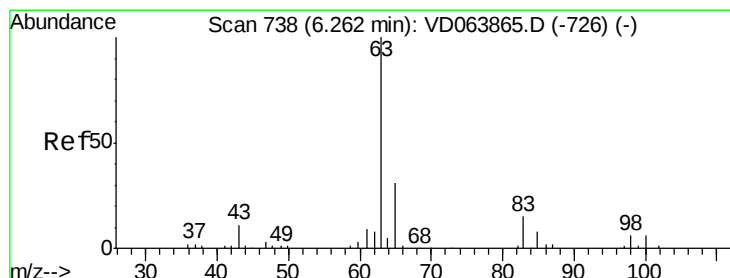
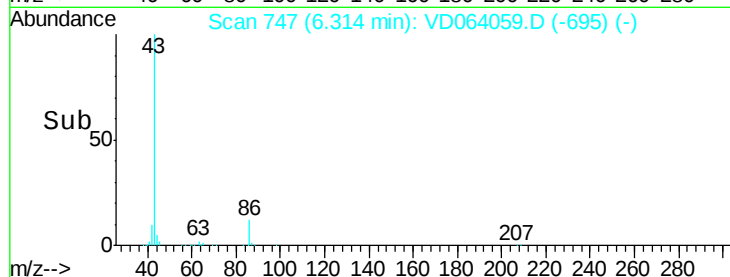
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 57.162 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

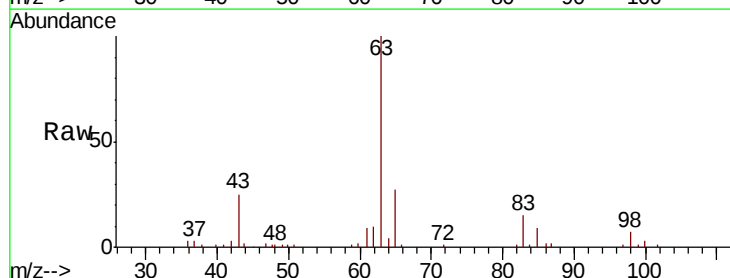
Tgt Ion: 63 Resp: 116229

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 3.5 3.0 9.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

50000

40000

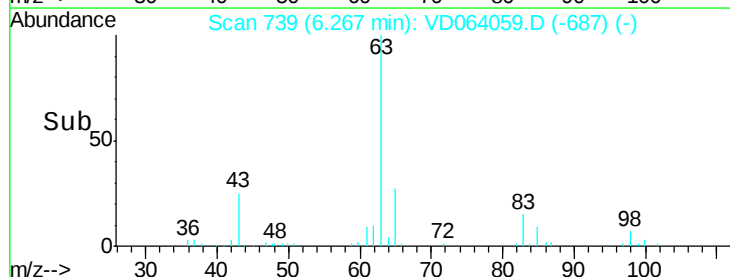
30000

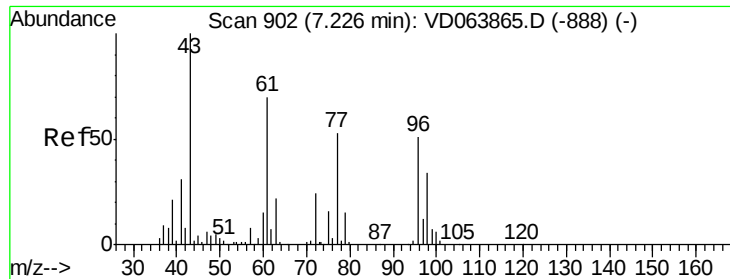
20000

10000

0

Time-->





#25

2-Butanone

Concen: 308.058 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 107347

Ion Ratio Lower Upper

43 100

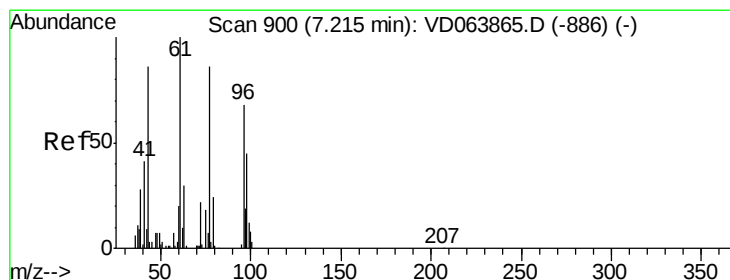
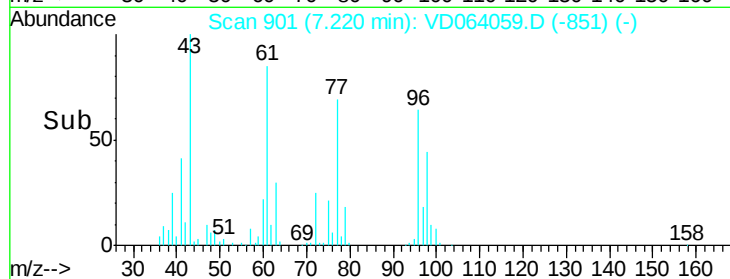
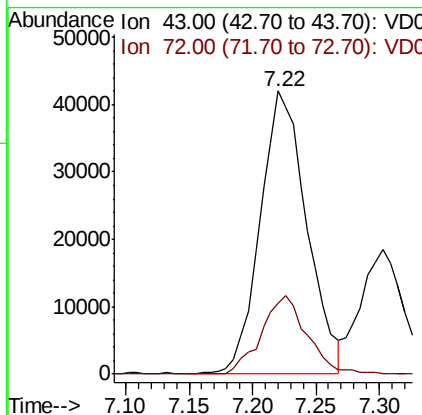
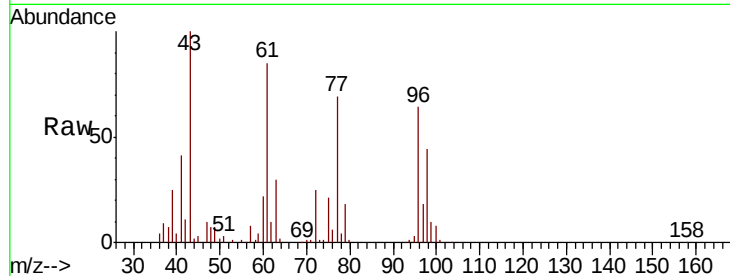
72 25.3 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.640 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064059.D

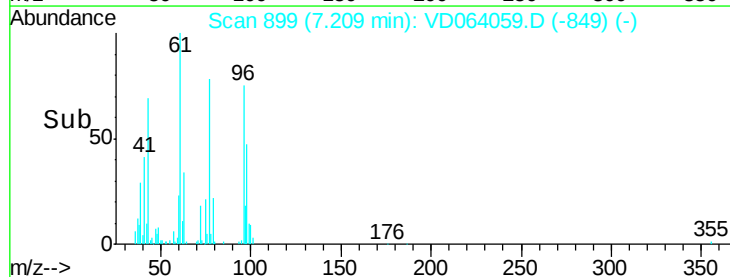
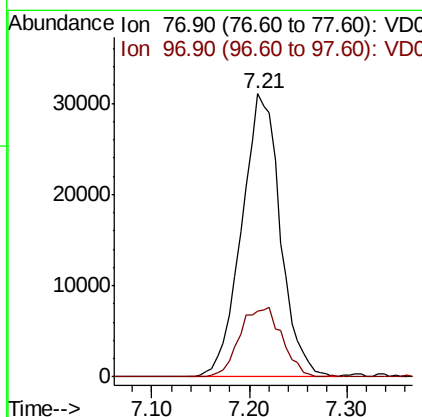
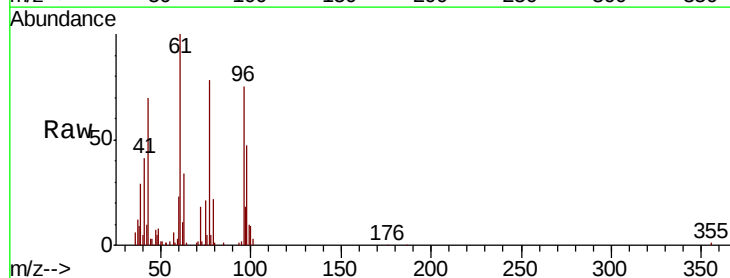
Acq: 24 Oct 2019 21:32

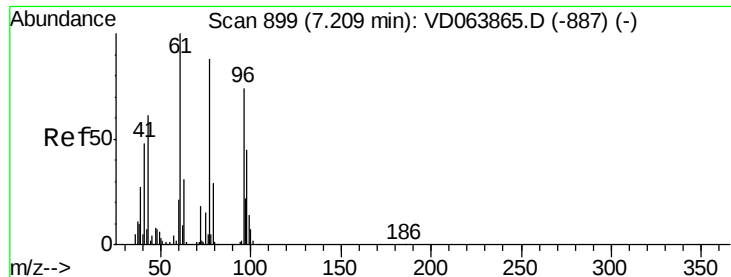
Tgt Ion: 77 Resp: 85786

Ion Ratio Lower Upper

77 100

97 26.7 11.4 34.1





#27

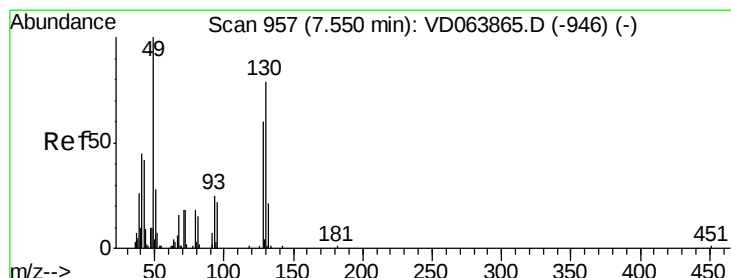
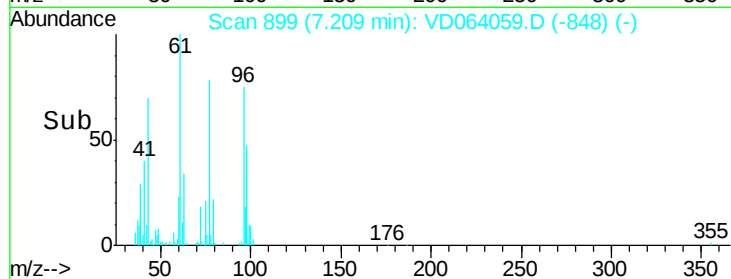
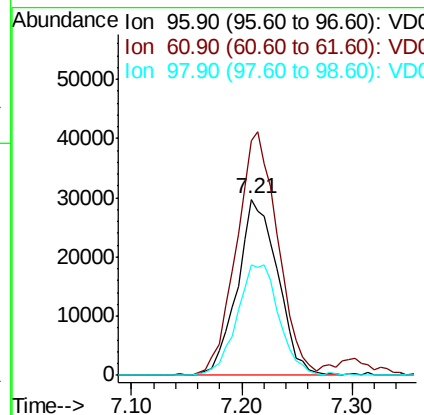
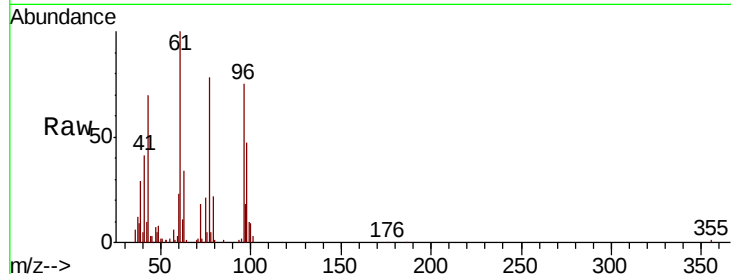
cis-1,2-Dichloroethene
Concen: 55.790 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	280.0
98	65.1	0.0	130.4

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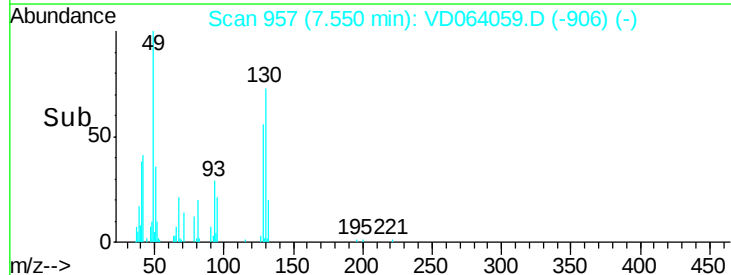
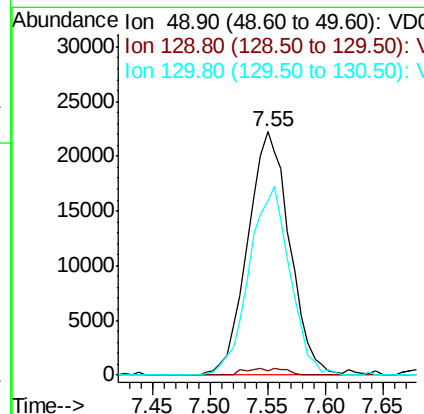
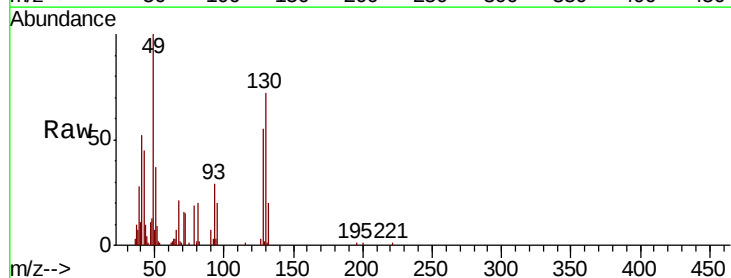
MMDadoda
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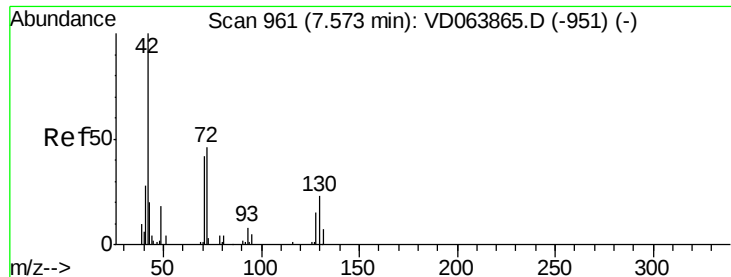


#28

Bromochloromethane
Concen: 72.029 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.6
130	75.5	66.8	100.2





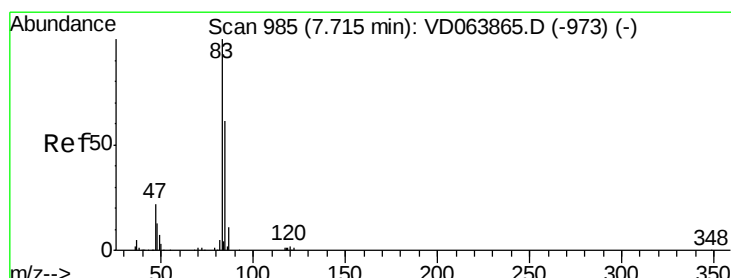
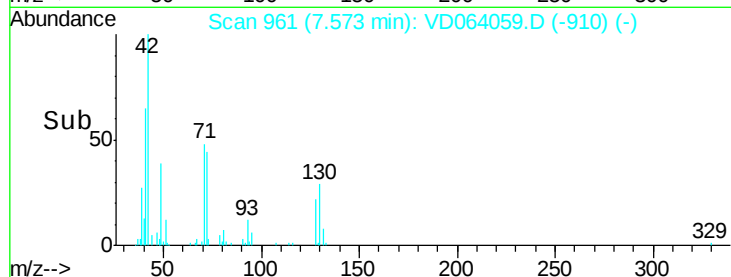
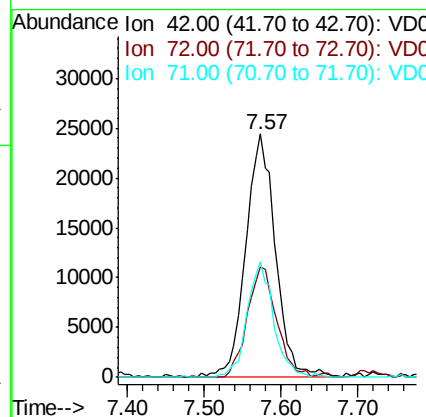
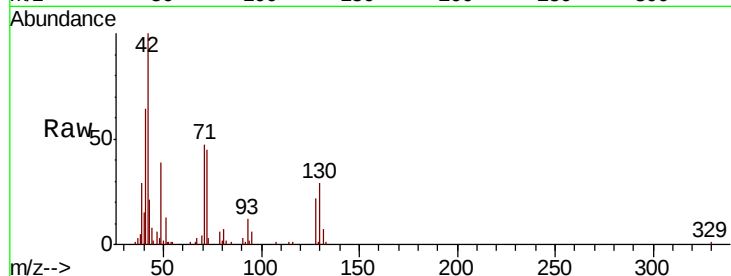
#29
Tetrahydrofuran
Concen: 325.863 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	37.6	56.4
71	42.0	35.0	52.6

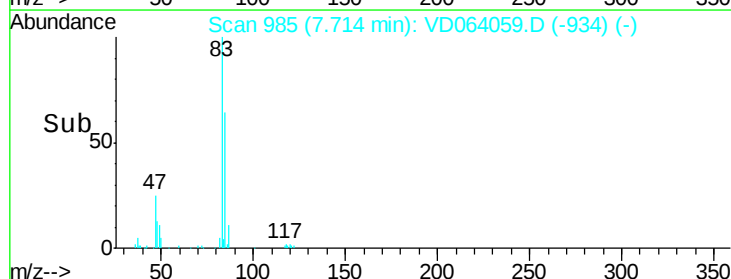
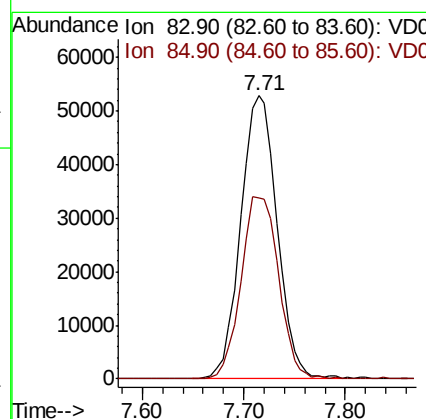
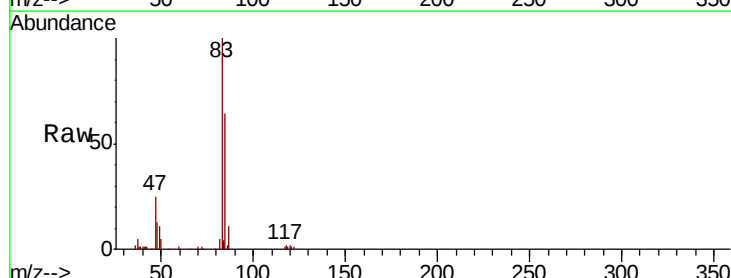
Manual Integrations
APPROVED

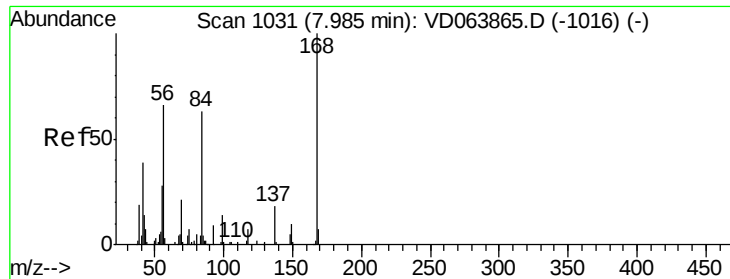
MMDadoda
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#30
Chloroform
Concen: 59.519 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	48.9	73.3





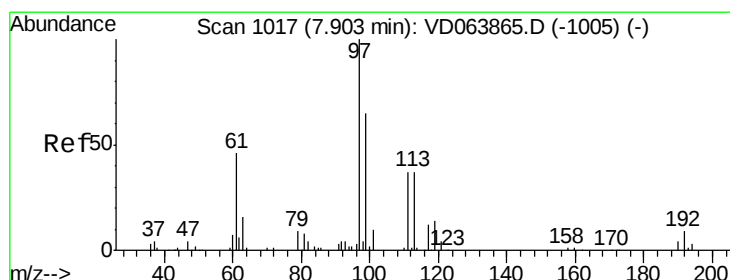
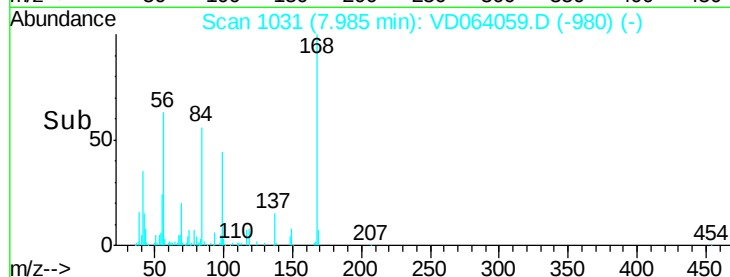
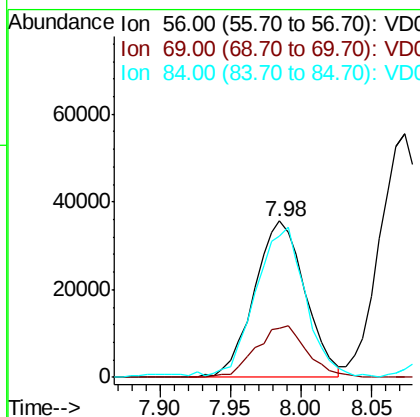
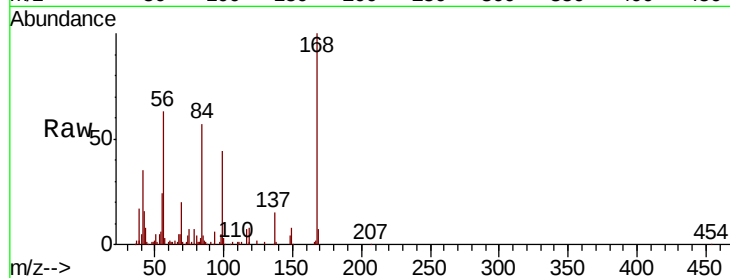
#31
Cyclohexane
Concen: 53.586 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	69	84
Resp: 89602	100	30.6	89.6
Lower		25.0	76.3
Upper		37.4	114.5

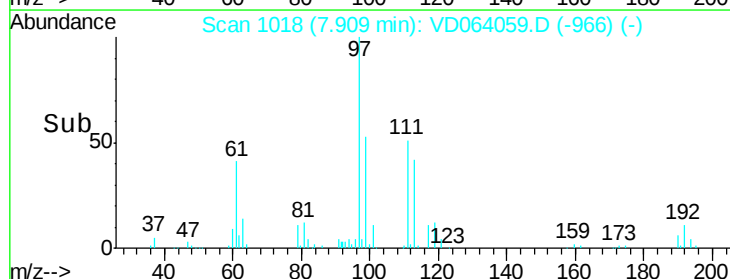
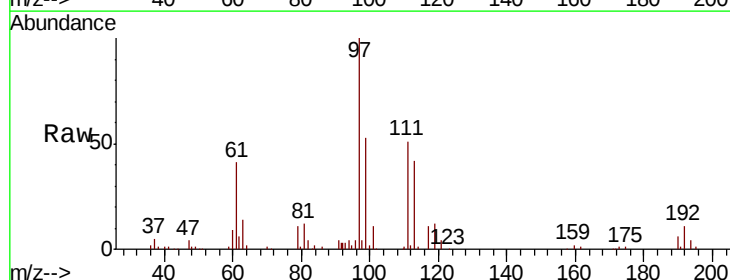
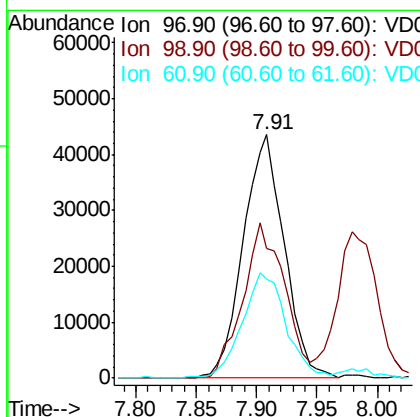
Manual Integrations
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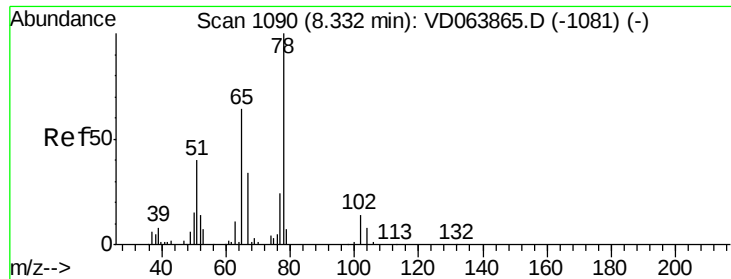
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.399 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	97	99	61
Resp: 103055	100	65.0	46.0
Lower		52.4	33.8
Upper		78.6	50.8





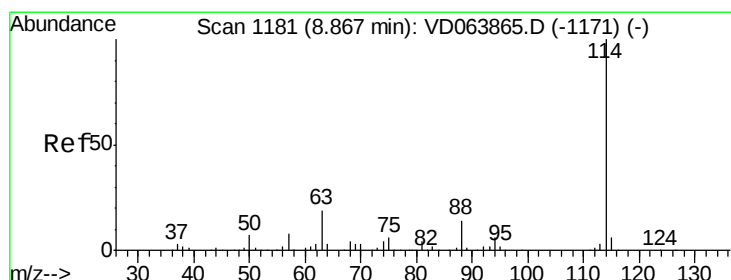
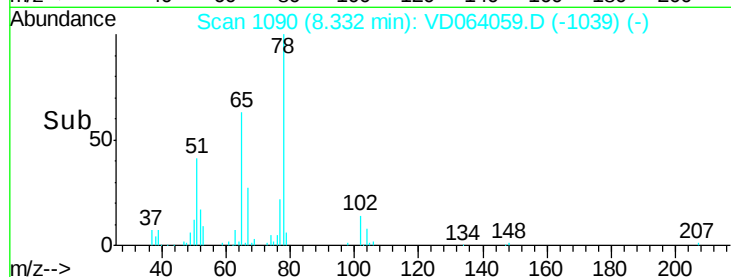
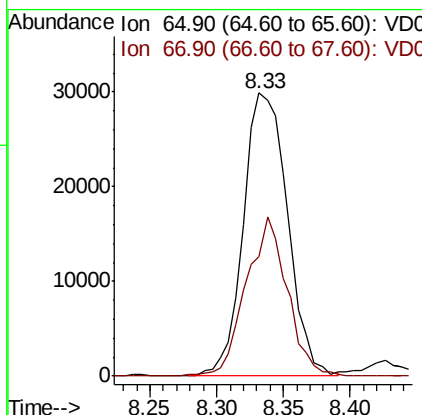
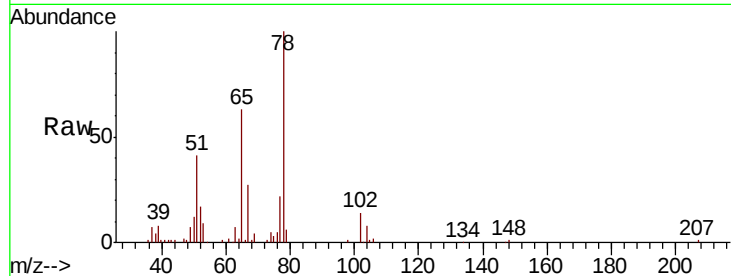
#33
 1,2-Dichloroethane-d4
 Concen: 60.564 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.4

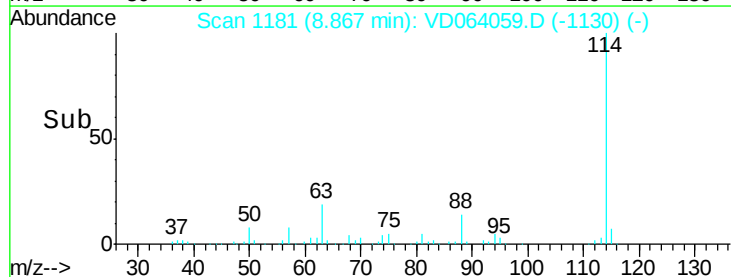
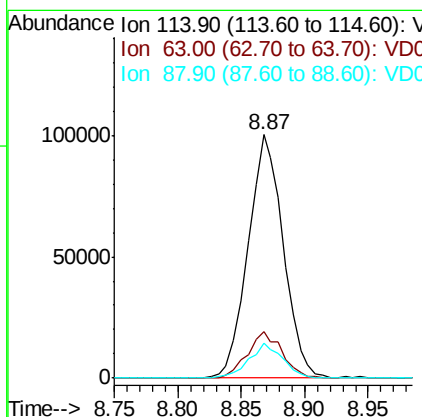
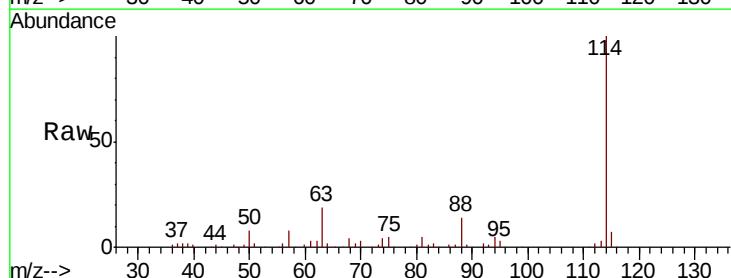
Manual Integrations
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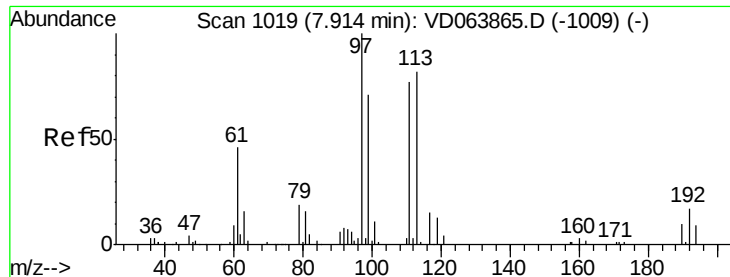
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	14.2	0.0	27.4





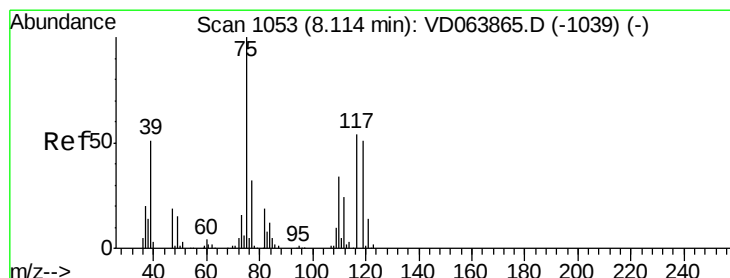
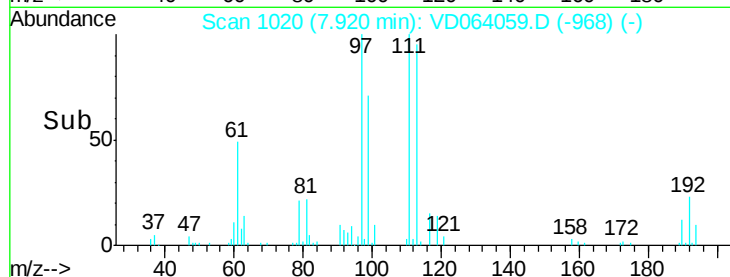
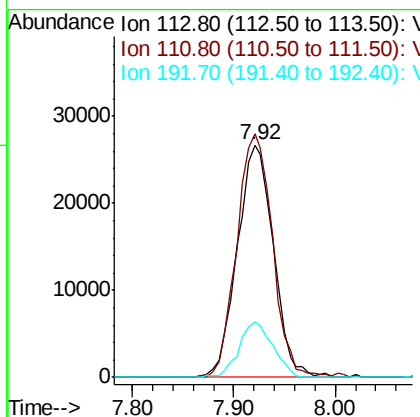
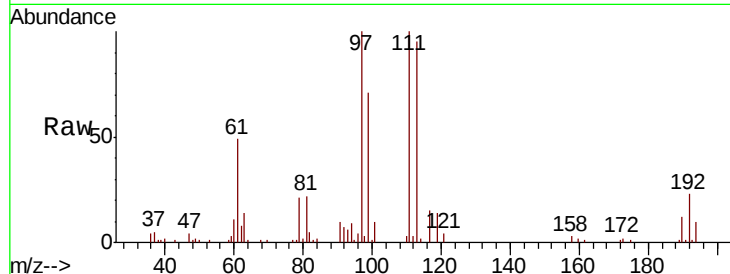
#35
 Dibromofluoromethane
 Concen: 55.577 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	22.4	17.1	25.7

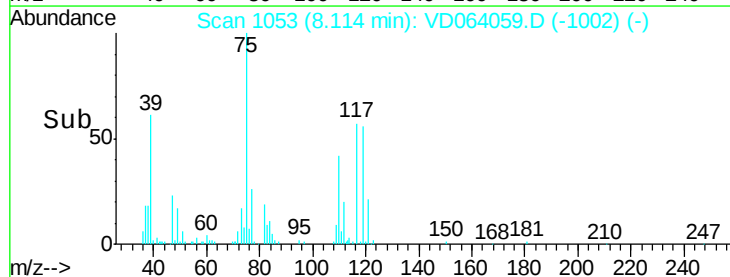
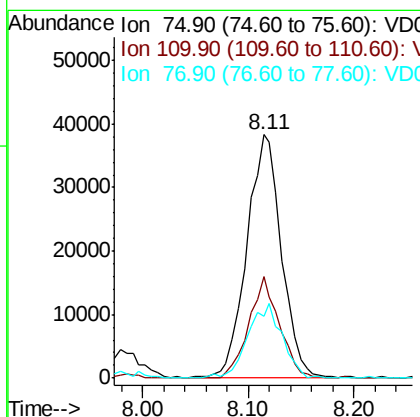
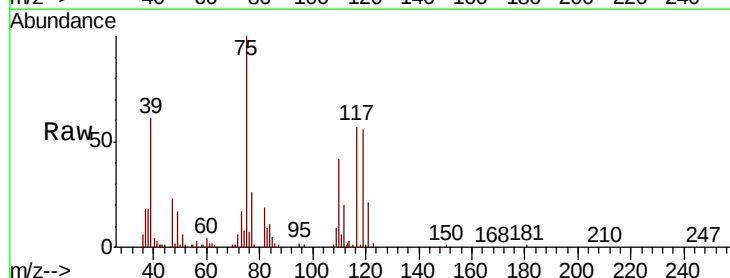
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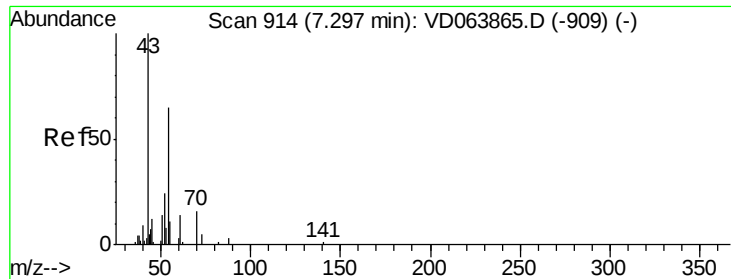
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#36
 1,1-Dichloropropene
 Concen: 49.295 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.4	52.3
77	30.3	25.4	38.0





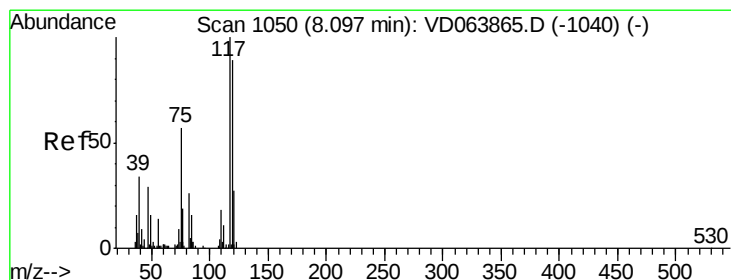
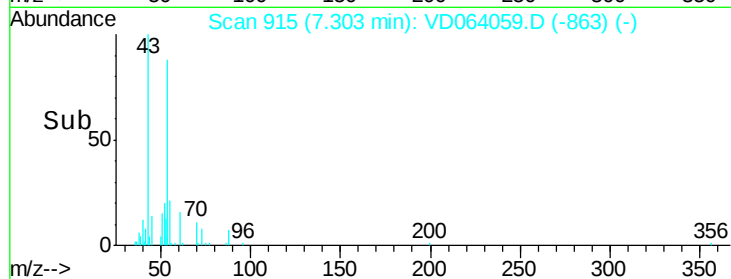
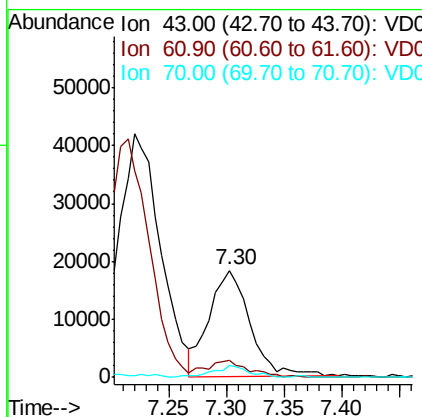
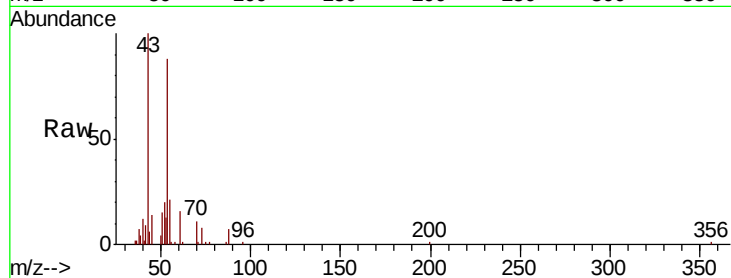
#37
Ethyl Acetate
Concen: 63.732 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	43	Resp	44597
Ion Ratio	Lower	Upper	
43	100		
61	16.5	11.5	17.3
70	9.7	8.2	12.4

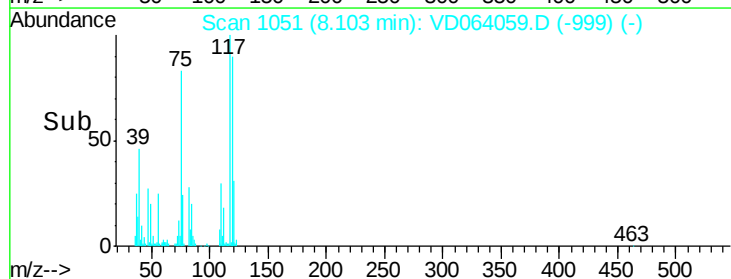
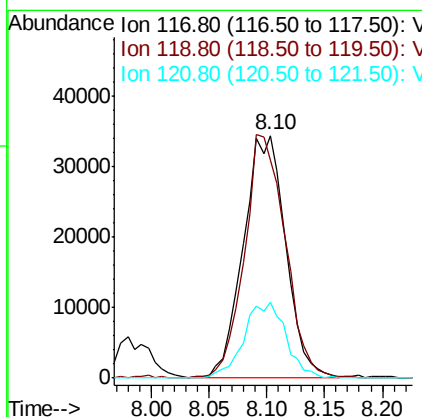
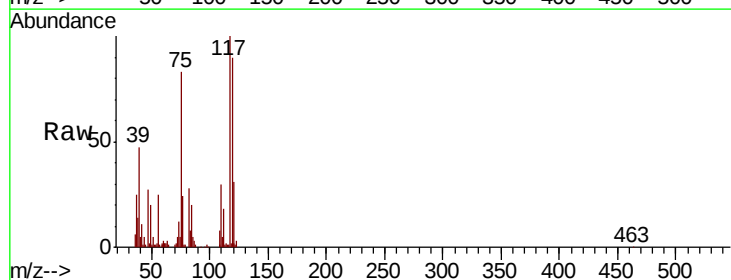
Manual Integrations
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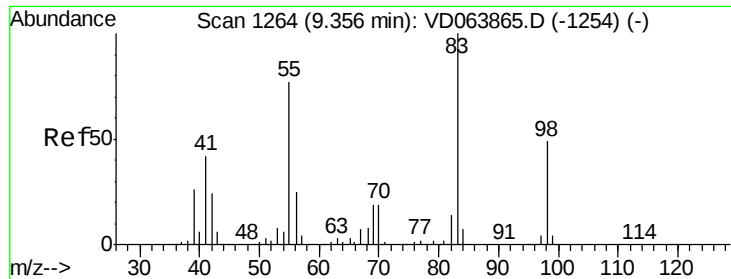
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#38
Carbon Tetrachloride
Concen: 49.114 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	117	Resp	88128
Ion Ratio	Lower	Upper	
117	100		
119	89.5	70.8	106.2
121	31.4	21.4	32.0





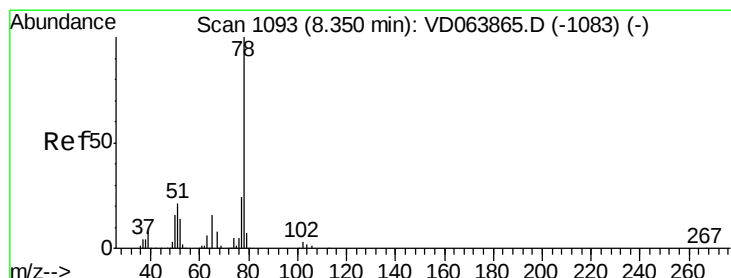
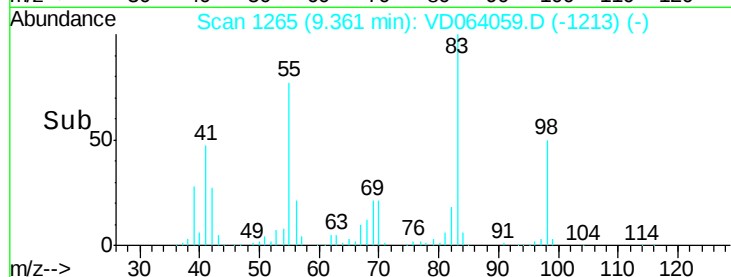
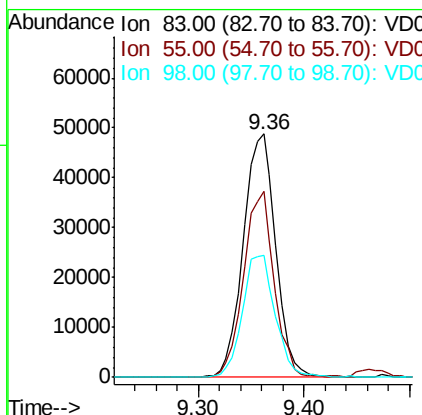
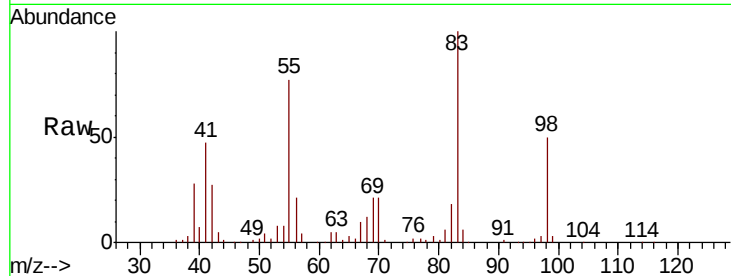
#39
Methvlcvclohexane
Concen: 47.700 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.3	91.9
98	50.3	39.3	58.9

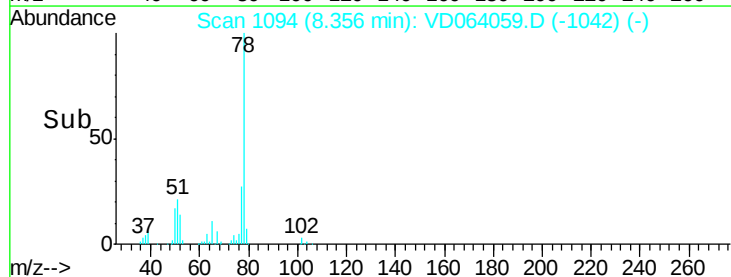
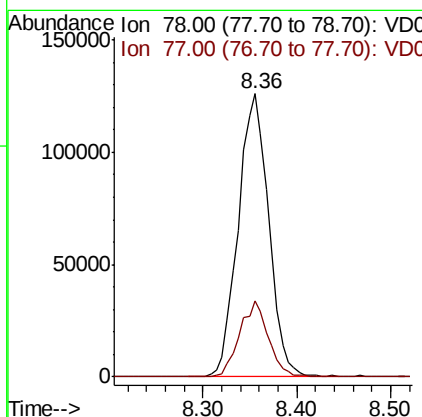
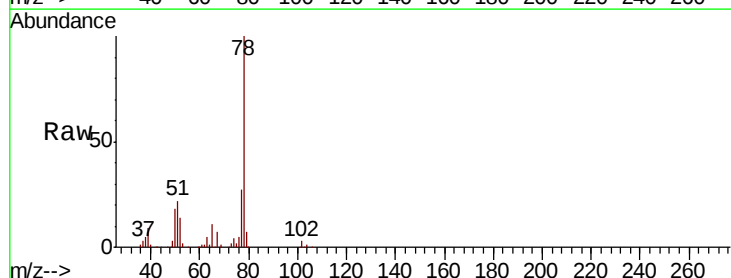
Manual Integrations
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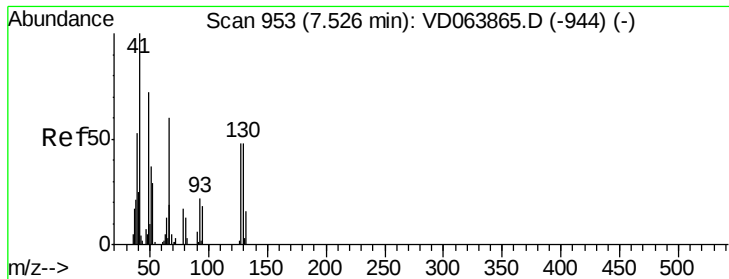
MMDadoda
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#40
Benzene
Concen: 55.668 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.9	19.0	28.6





#41

Methacrylonitrile

Concen: 51.162 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 21062

Ion Ratio Lower Upper

41 100

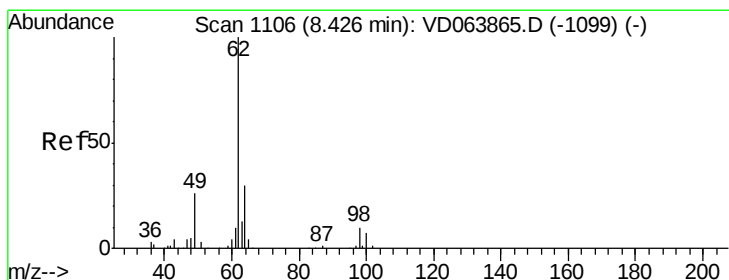
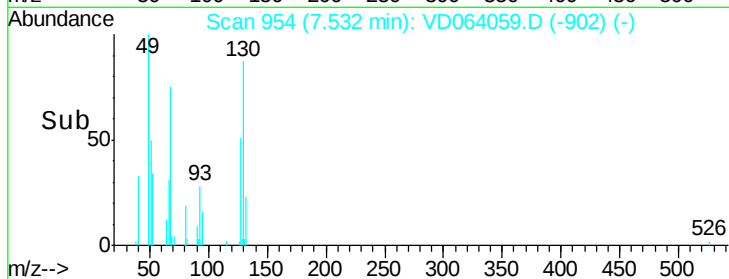
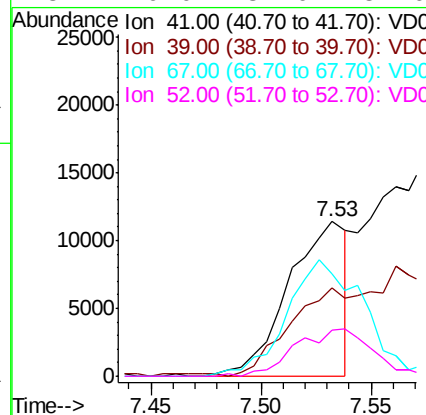
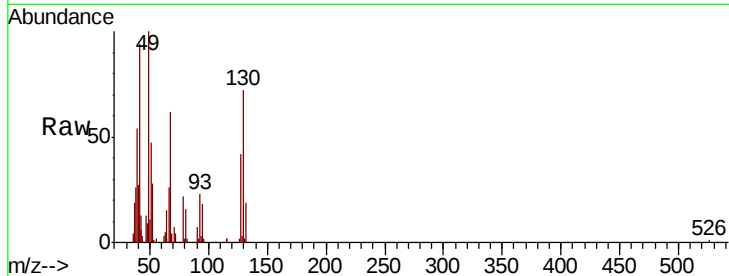
39 79.2 52.6 78.8#

67 0.0 74.2 111.2#

52 0.0 34.0 51.0#

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#42

1,2-Dichloroethane

Concen: 57.948 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD064059.D

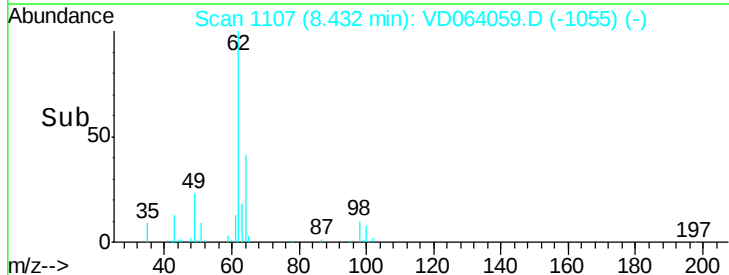
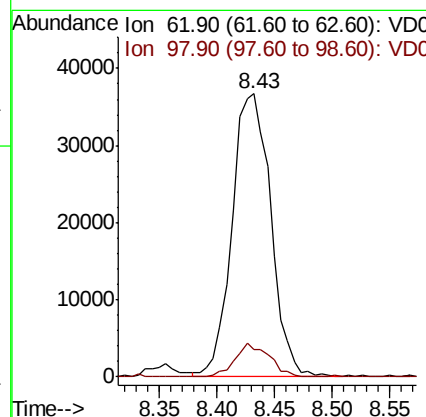
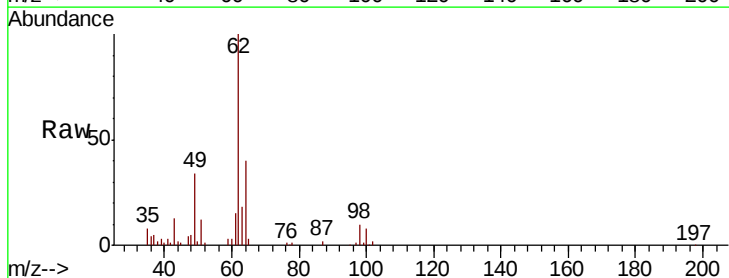
Acq: 24 Oct 2019 21:32

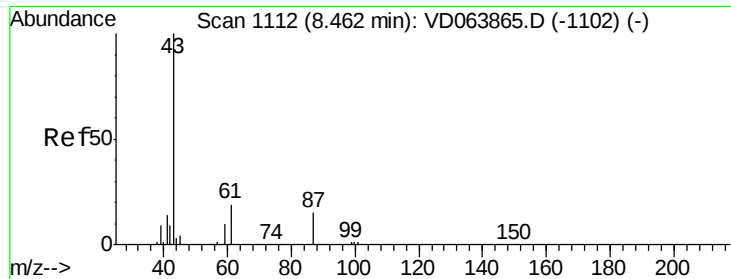
Tgt Ion: 62 Resp: 85294

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.0





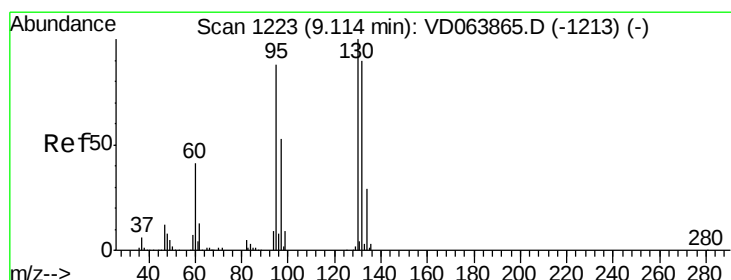
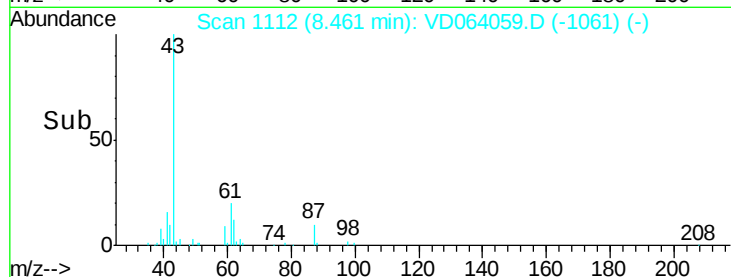
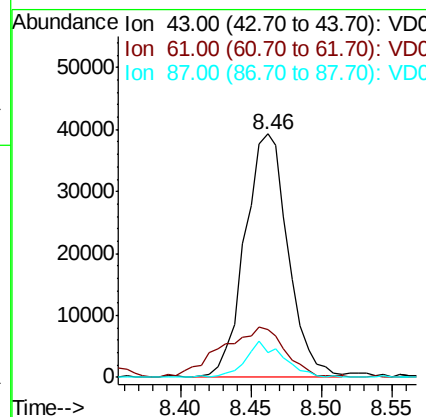
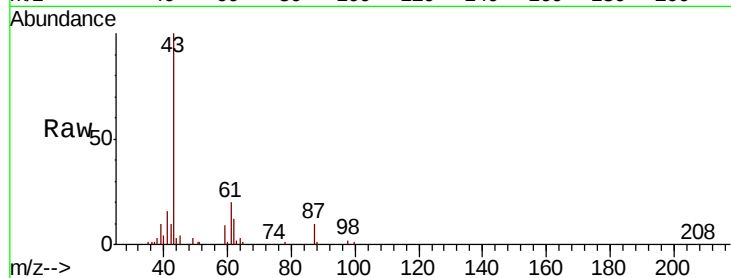
#43
Isopropyl Acetate
Concen: 56.630 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	25.7	38.5
87	13.1	11.6	17.4

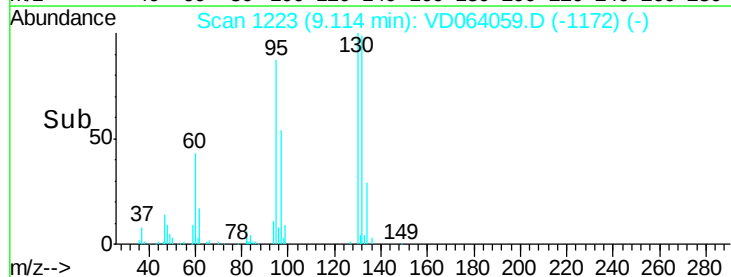
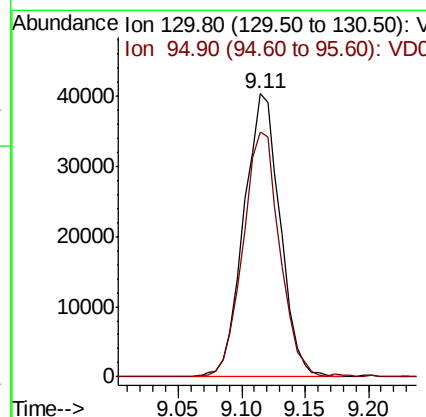
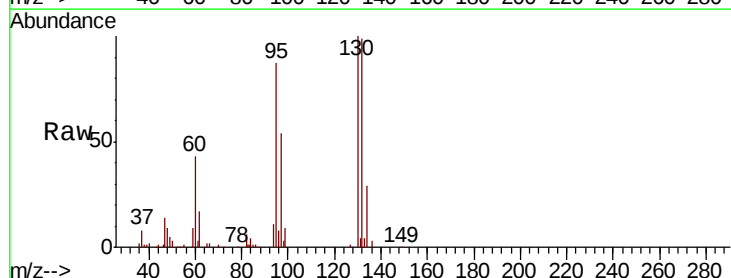
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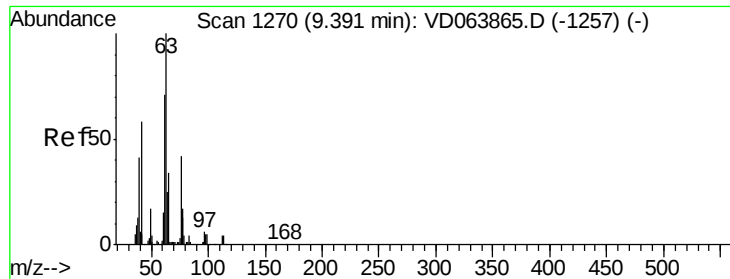
MMDadoda
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#44
Trichloroethene
Concen: 54.582 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	175.6





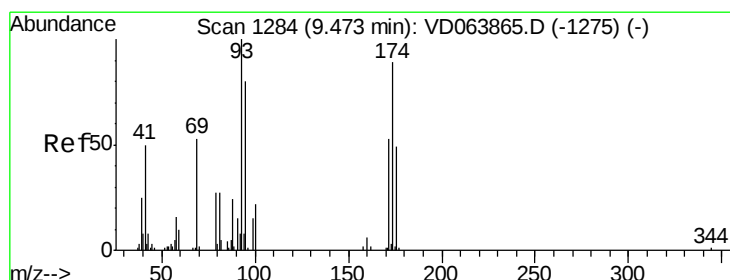
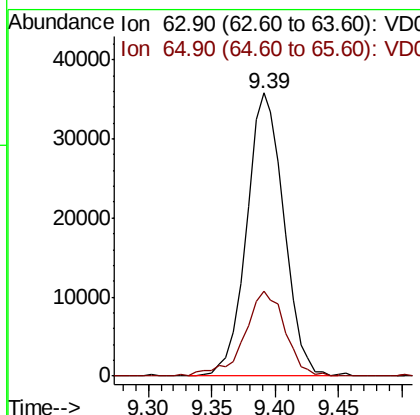
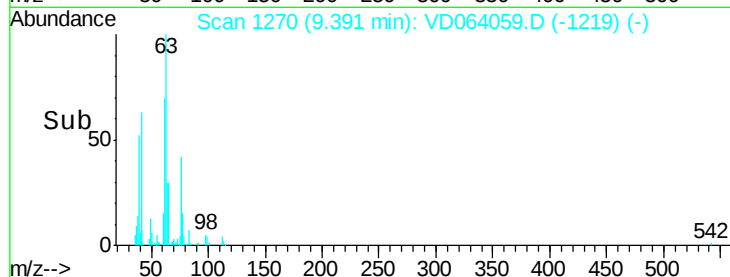
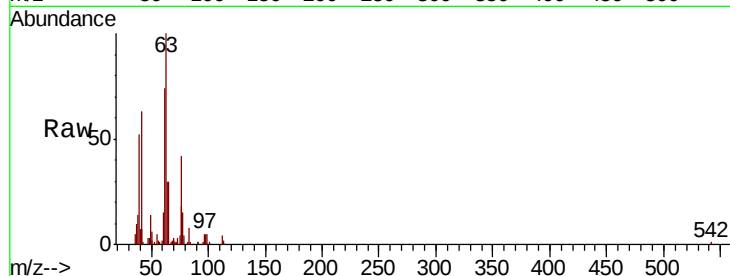
#45
 1,2-Dichloropropane
 Concen: 58.689 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 73095
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.3 40.9

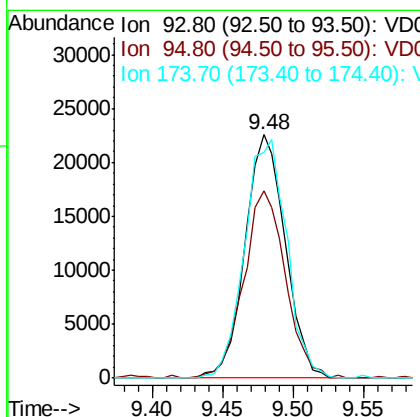
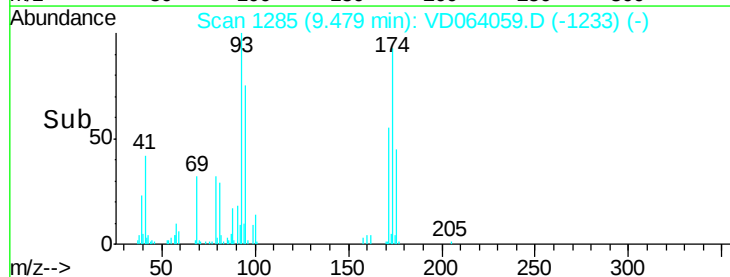
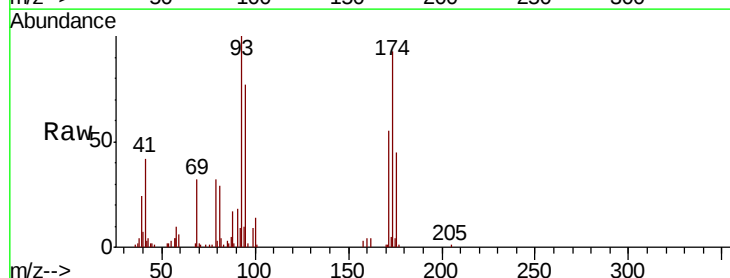
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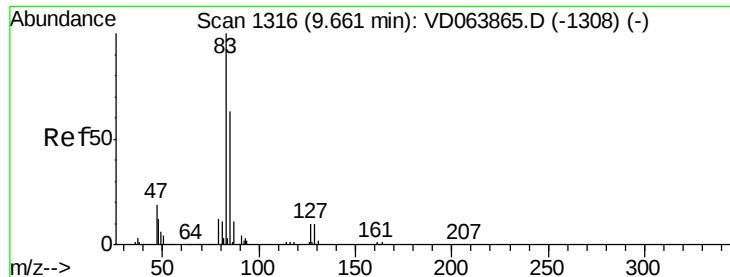
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#46
 Dibromomethane
 Concen: 63.493 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion: 93 Resp: 45036
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.0 99.0
 174 102.5 83.4 125.0





#47

Bromodichloromethane

Concen: 59.356 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

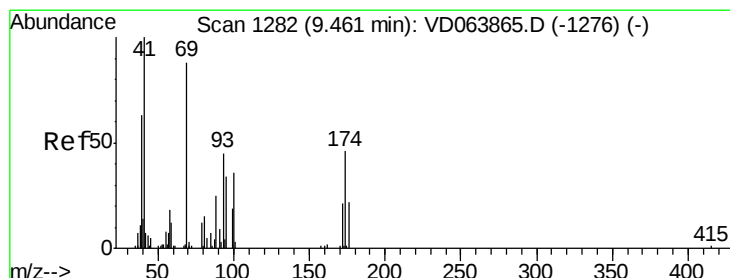
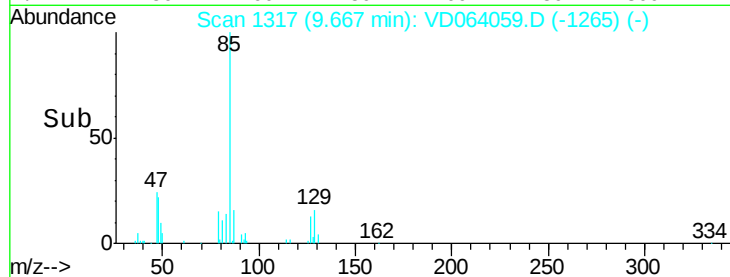
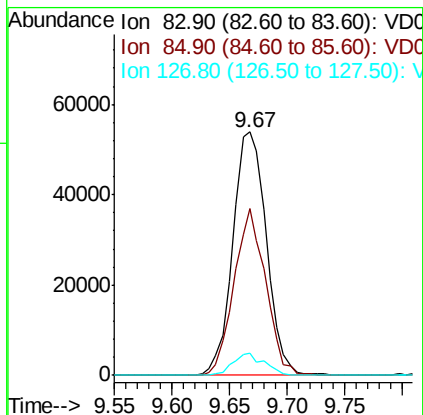
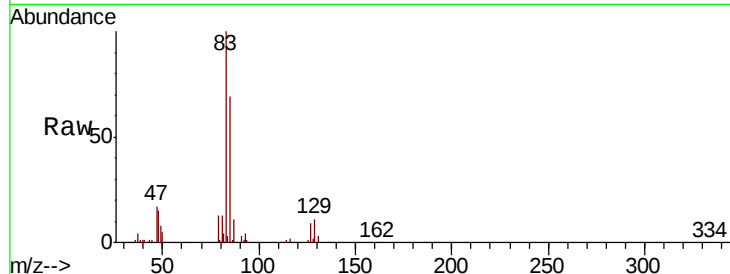
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	108396
Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.2	75.2
127	9.1	7.6	11.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.315 ug/l

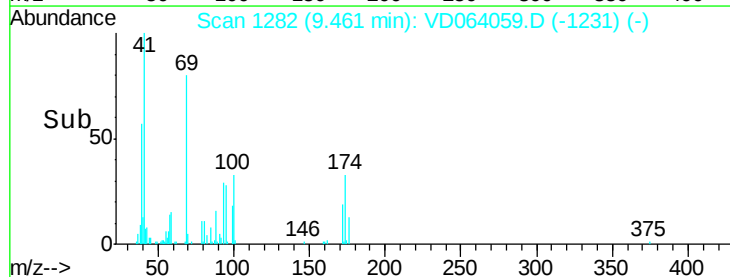
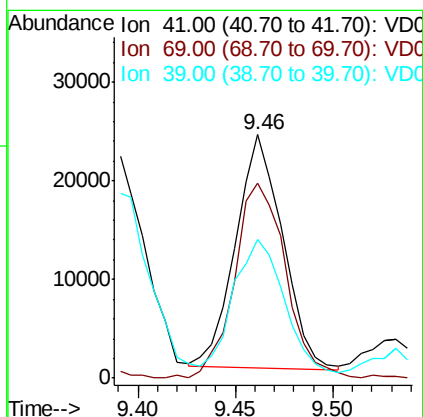
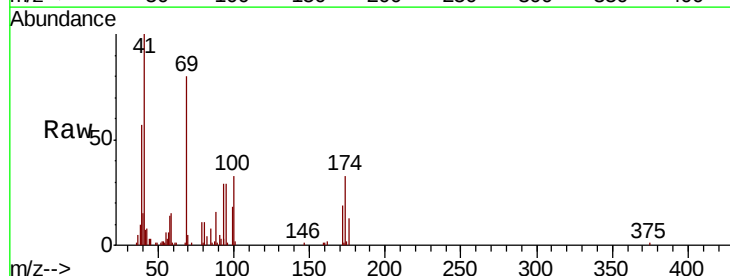
RT: 9.46 min Scan# 1282

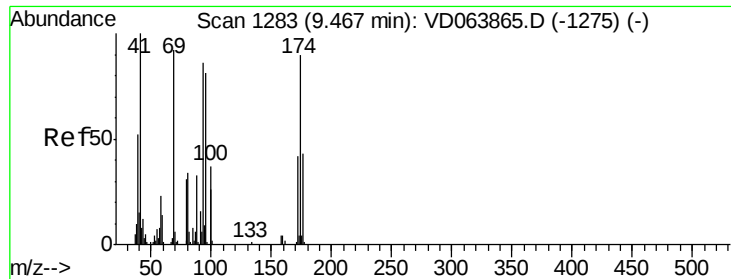
Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	41	Resp:	39466
Ion	Ratio	Lower	Upper
41	100		
69	91.0	75.1	112.7
39	67.0	50.2	75.2





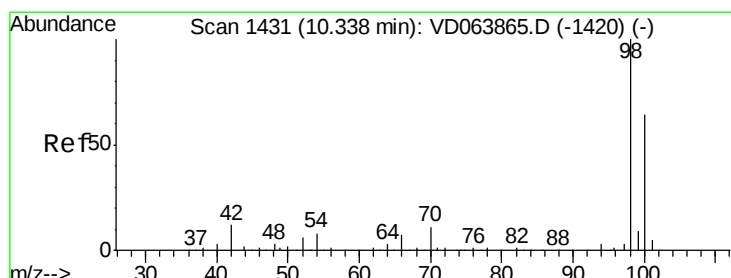
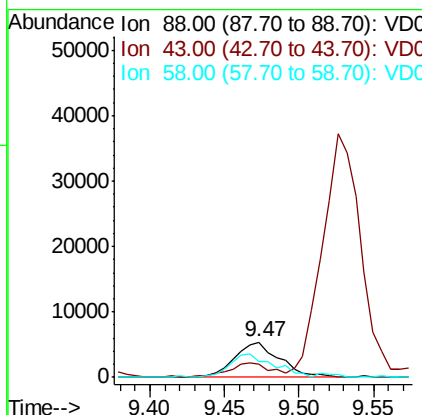
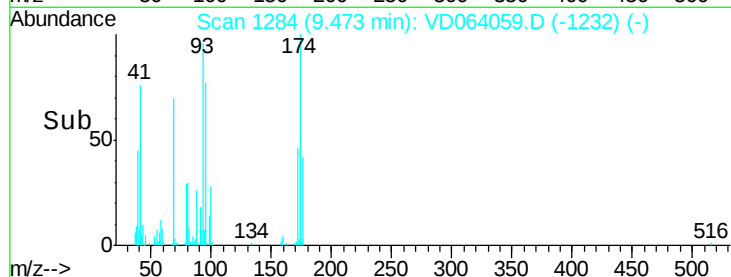
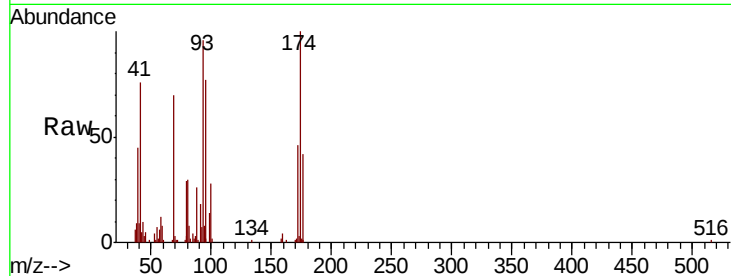
#49
1,4-Dioxane
Concen: 1155.129 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	27.6	41.4
58	65.3	54.1	81.1

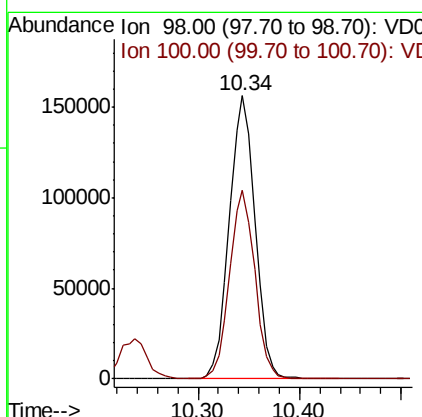
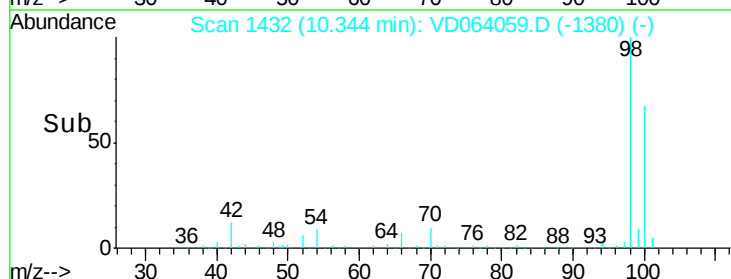
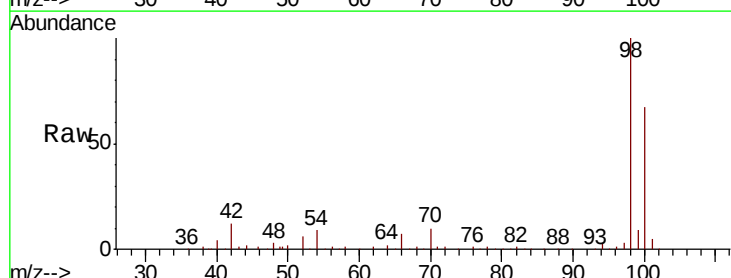
Manual Integrations
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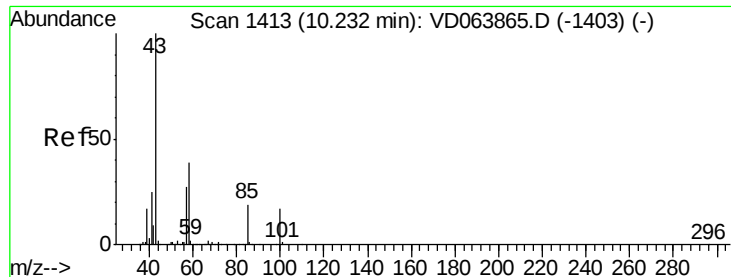
MMDadoda
10/25/2019 4:47:57 PM



#50
Toluene-d8
Concen: 57.424 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 311.405 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 240493

Ion Ratio Lower Upper

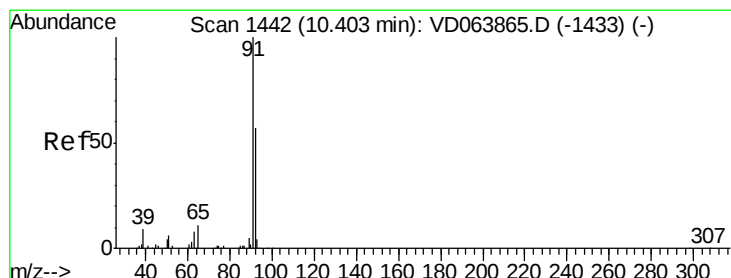
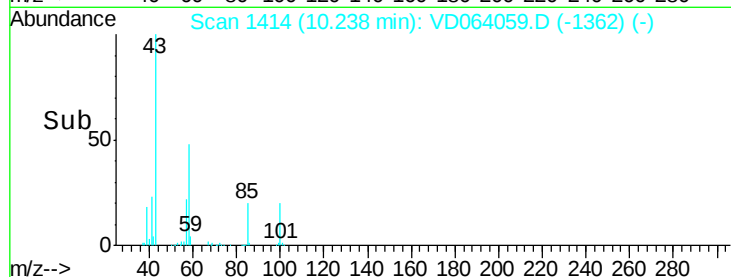
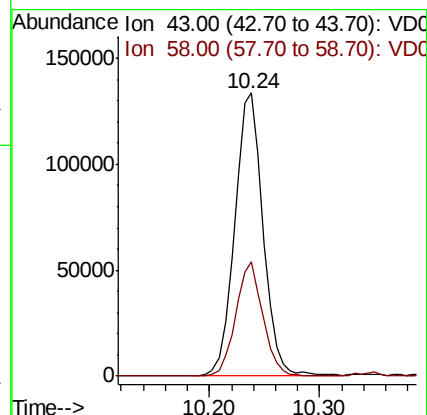
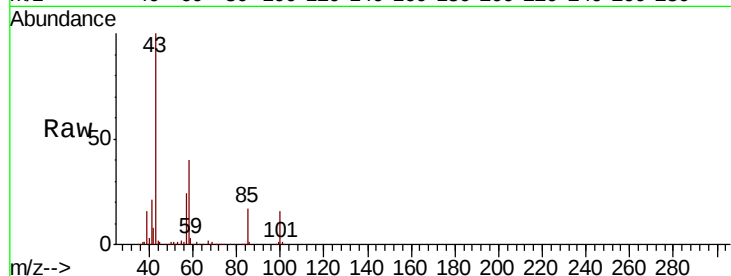
43 100

58 38.7 33.0 49.4

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#52

Toluene

Concen: 58.899 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD064059.D

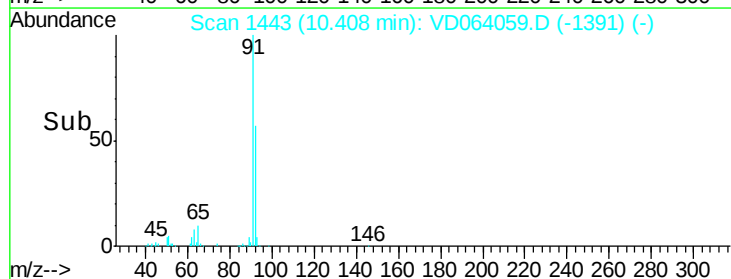
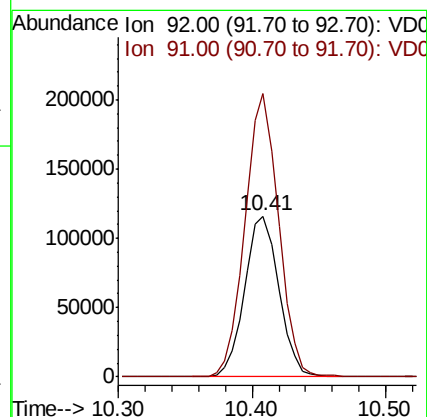
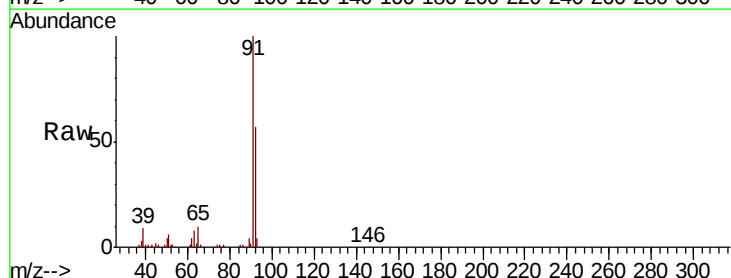
Acq: 24 Oct 2019 21:32

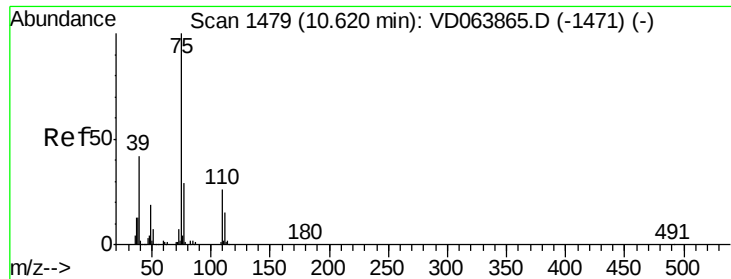
Tgt Ion: 92 Resp: 205740

Ion Ratio Lower Upper

92 100

91 172.8 139.5 209.3





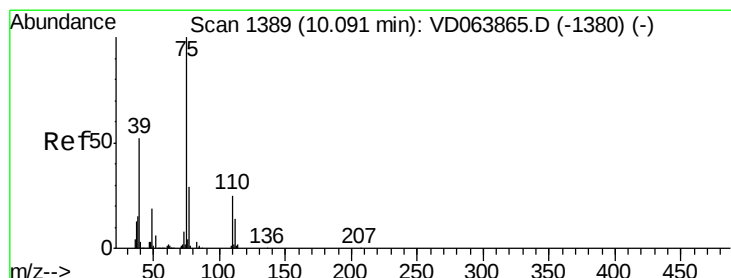
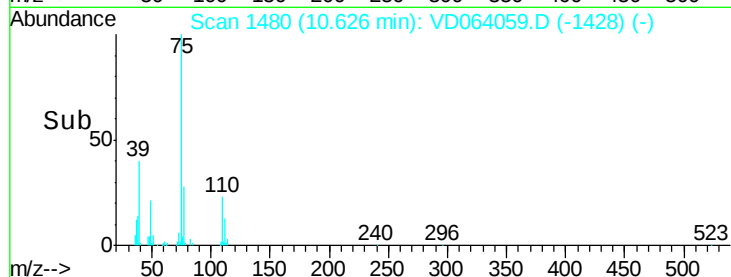
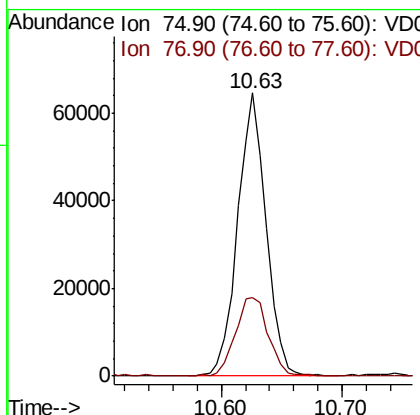
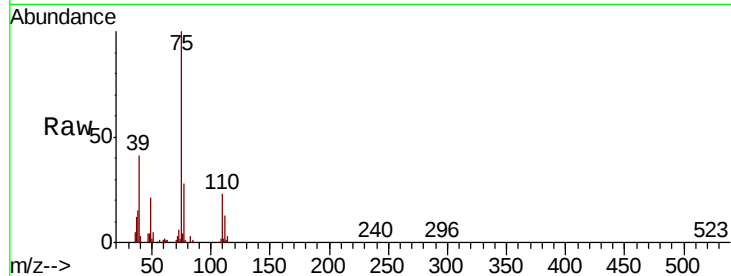
#53
 t-1,3-Dichloropropene
 Concen: 59.460 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 105960
 Ion Ratio Lower Upper
 75 100
 77 27.7 22.8 34.2

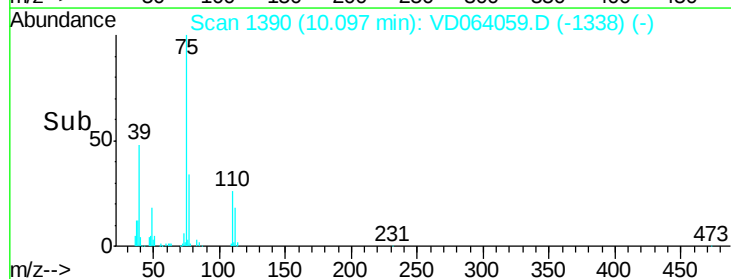
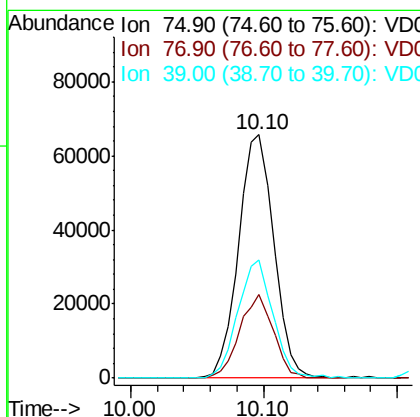
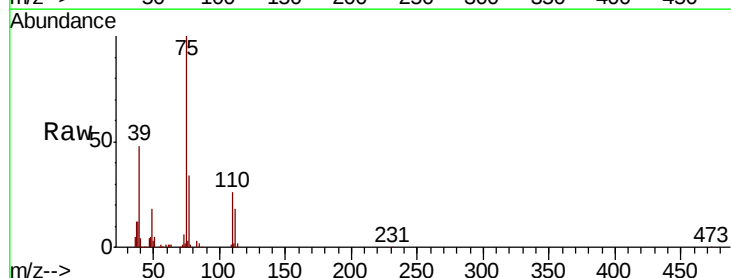
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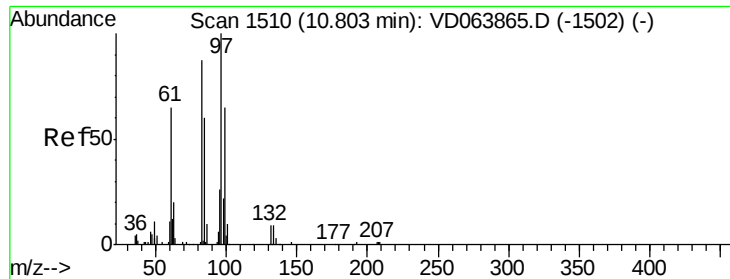
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#54
 cis-1,3-Dichloropropene
 Concen: 58.729 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion: 75 Resp: 120473
 Ion Ratio Lower Upper
 75 100
 77 34.1 23.2 34.8
 39 48.5 41.5 62.3





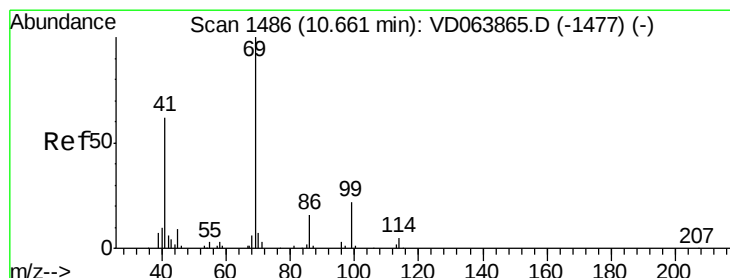
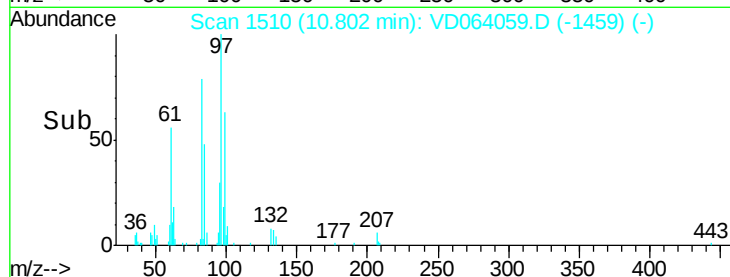
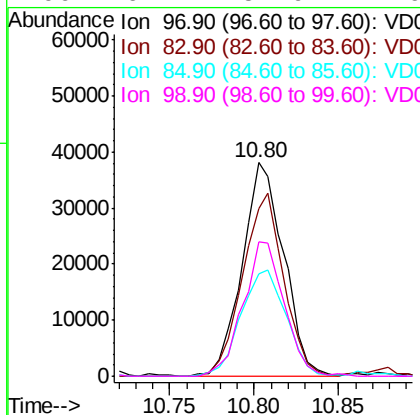
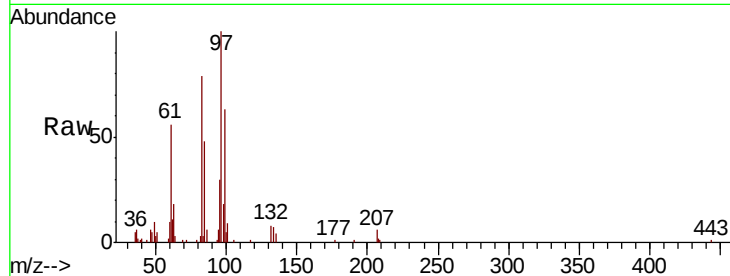
#55
 1,1,2-Trichloroethane
 Concen: 65.110 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	65208
Ion	Ratio	Lower	Upper
97	100		
83	78.7	69.7	104.5
85	48.1	48.1	72.1
99	62.7	51.9	77.9

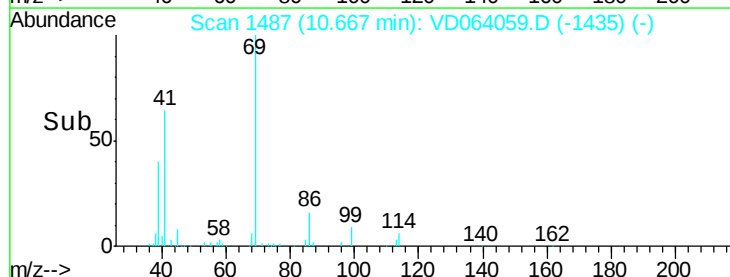
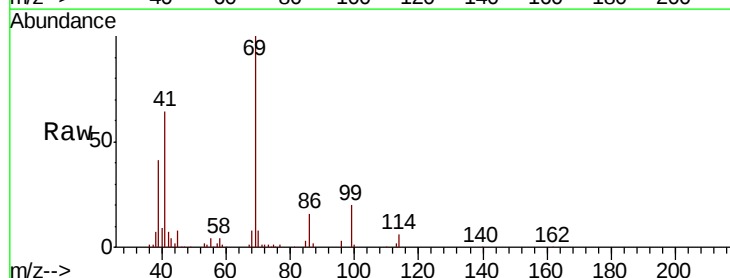
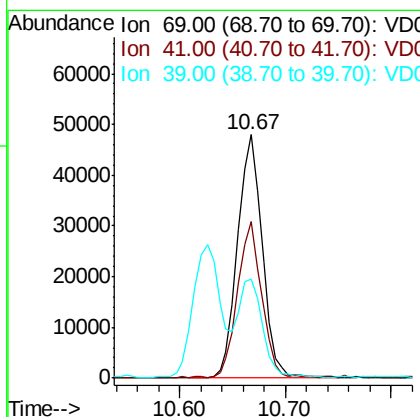
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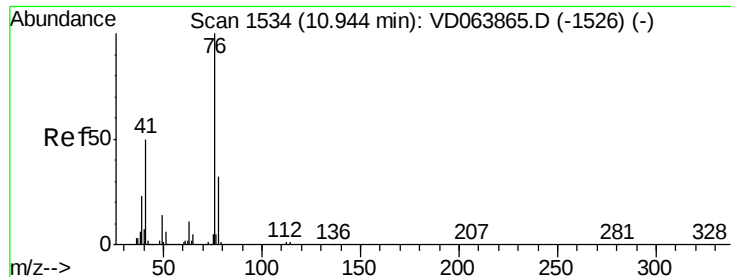
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#56
 Ethyl methacrylate
 Concen: 61.181 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion:	69	Resp:	77594
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.3	76.9
39	39.5	28.0	42.0





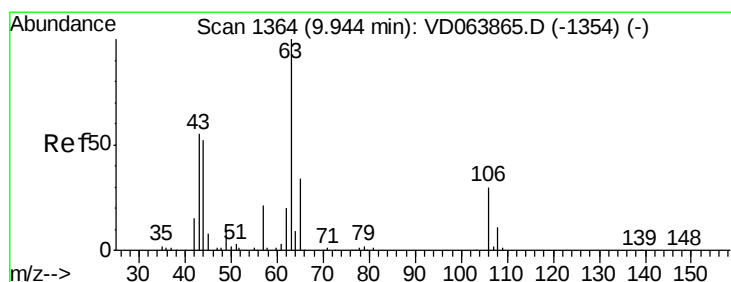
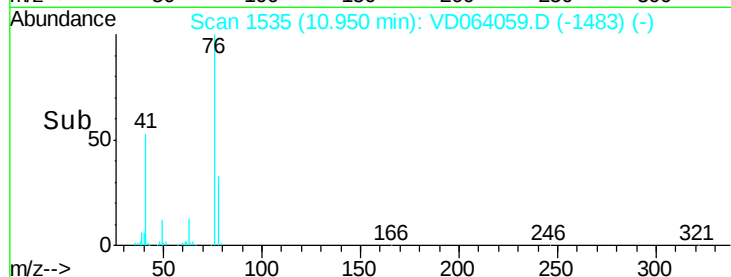
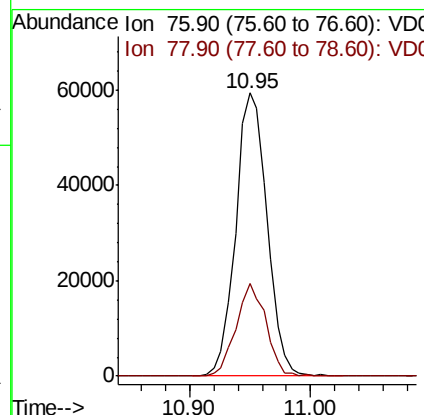
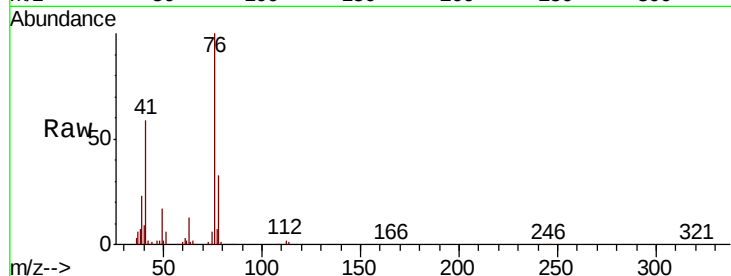
#57
 1,3-Dichloropropane
 Concen: 62.976 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.6	40.0

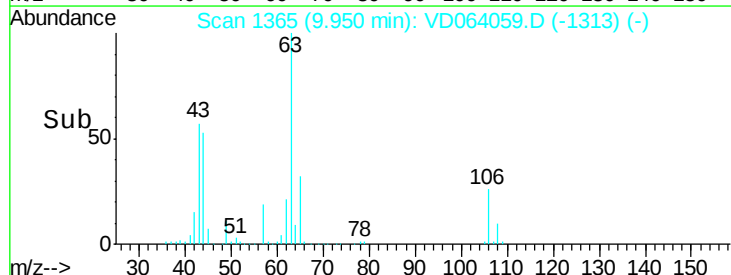
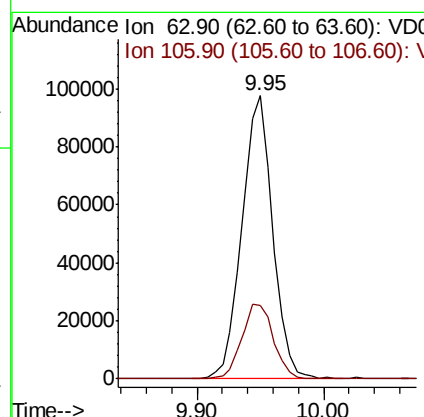
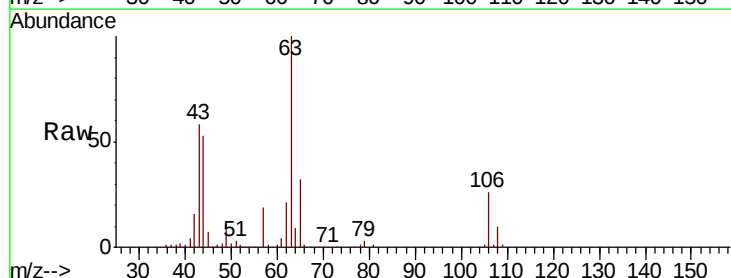
Manual Integrations
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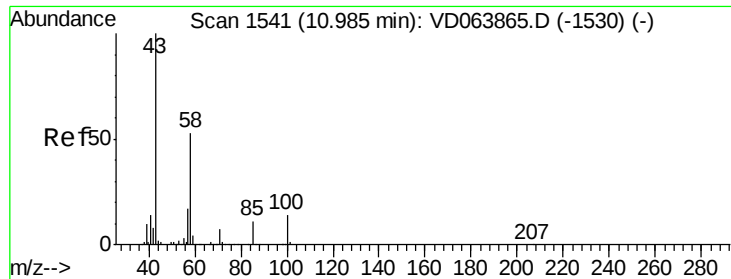
MMDadoda
 10/25/2019 4:47:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.459 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	24.3	36.5





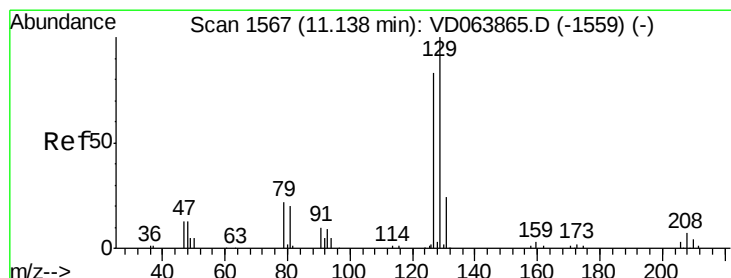
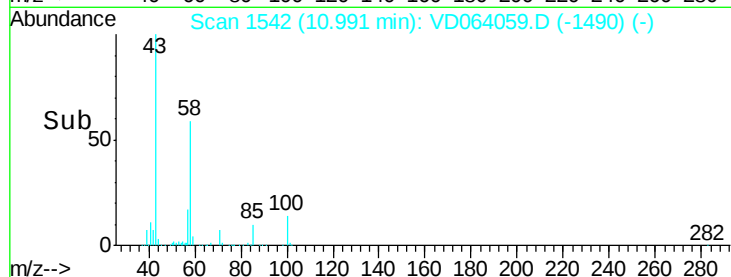
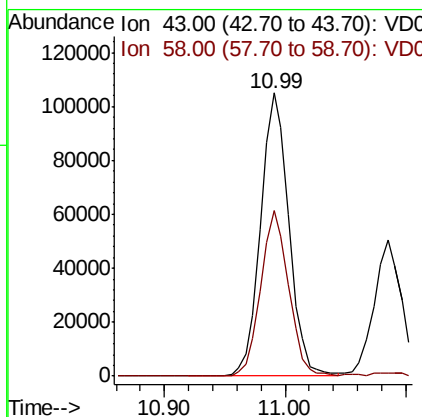
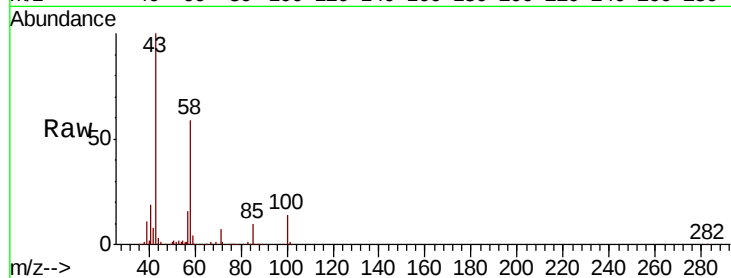
#59
2-Hexanone
Concen: 304.395 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 170049
Ion Ratio Lower Upper
43 100
58 57.6 27.7 83.0

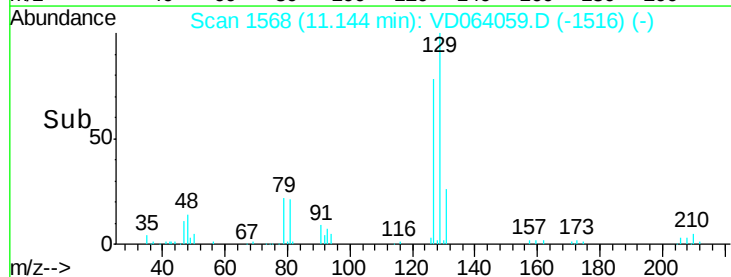
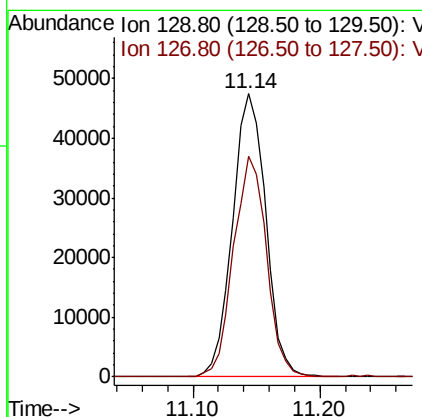
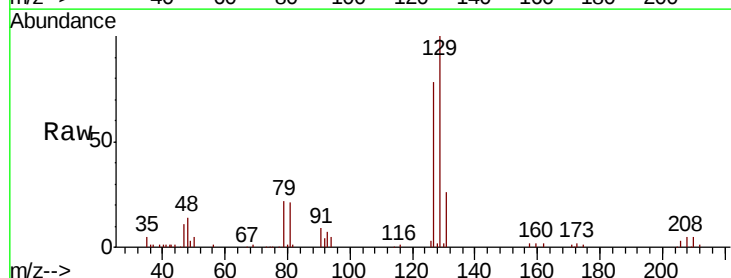
Manual Integrations
APPROVED

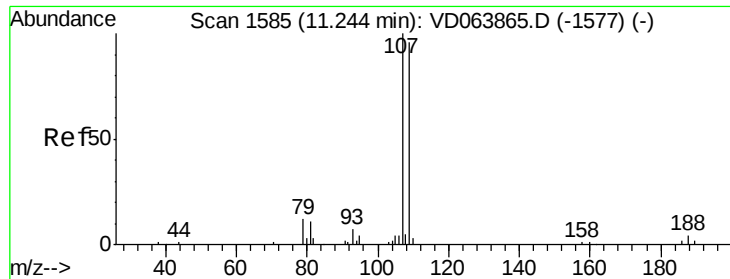
MMDadoda
10/25/2019 4:47:57 PM



#60
Dibromochloromethane
Concen: 66.125 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion: 129 Resp: 86218
Ion Ratio Lower Upper
129 100
127 77.2 39.9 119.6





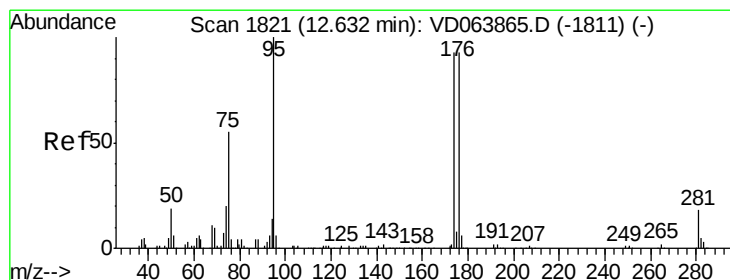
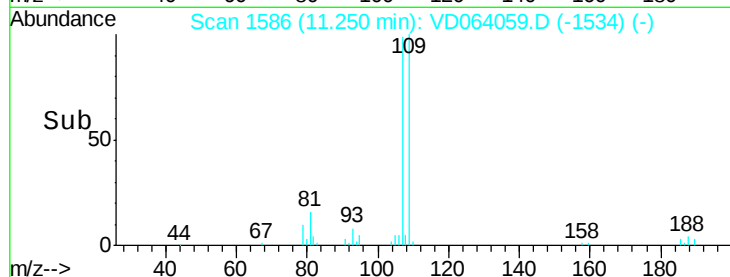
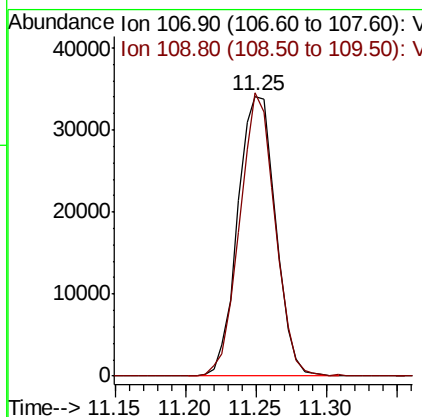
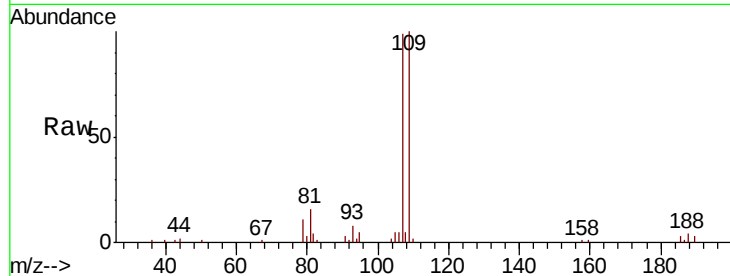
#61
1,2-Dibromoethane
Concen: 65.965 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 107 Resp: 64047
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

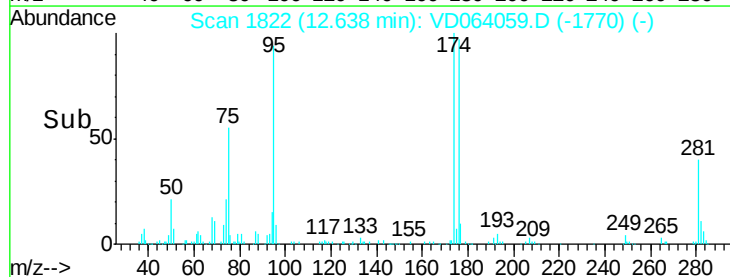
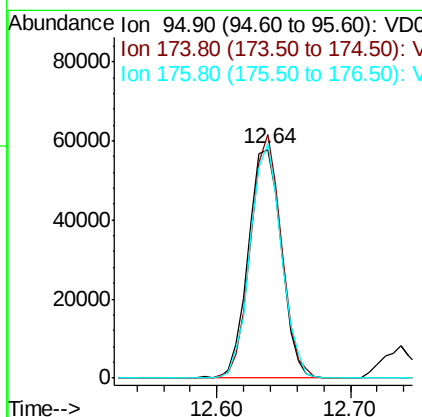
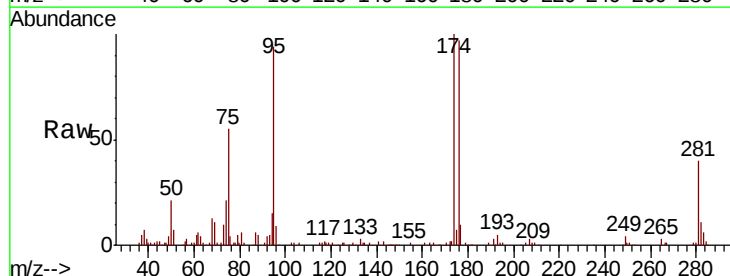
Manual Integrations
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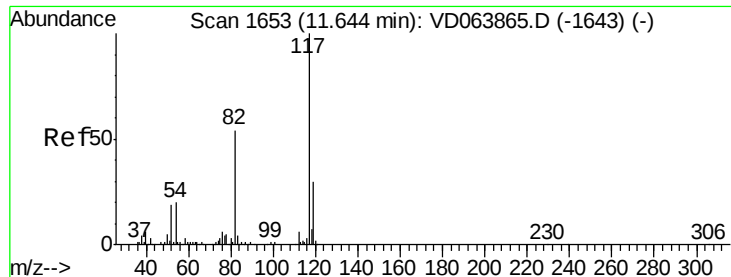
MMDadoda
10/25/2019 4:47:57 PM



#62
4-Bromofluorobenzene
Concen: 58.910 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion: 95 Resp: 98612
Ion Ratio Lower Upper
95 100
174 99.0 0.0 186.4
176 96.8 0.0 184.2





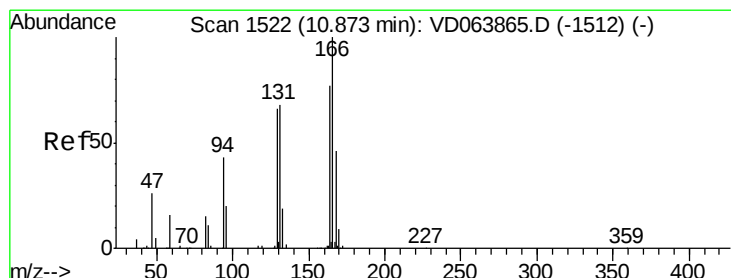
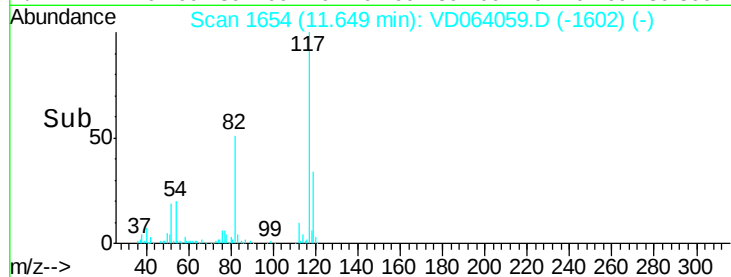
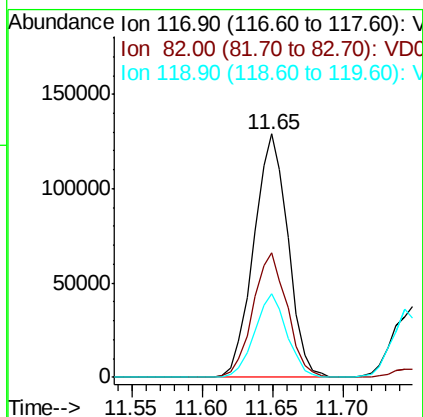
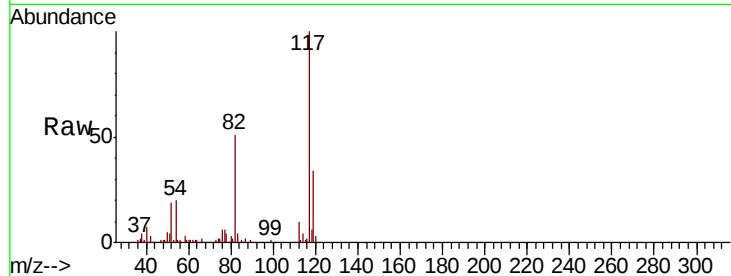
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	219968		
82	51.1	42.8	64.2	
119	34.4	24.4	36.6	

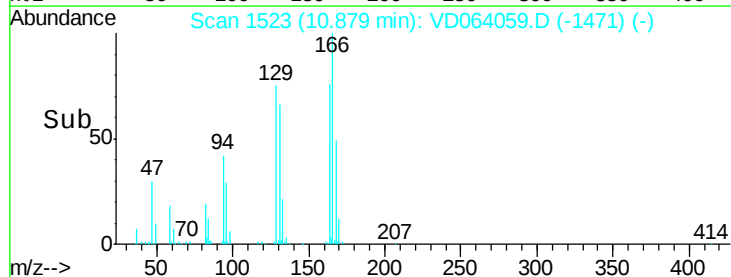
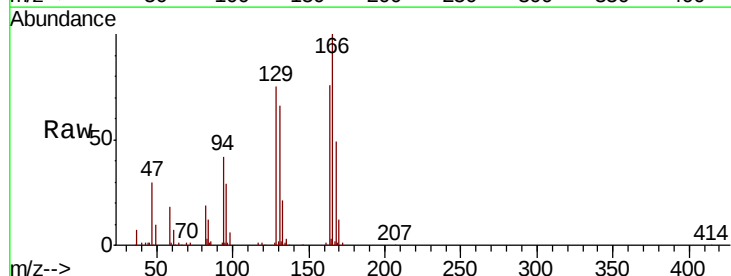
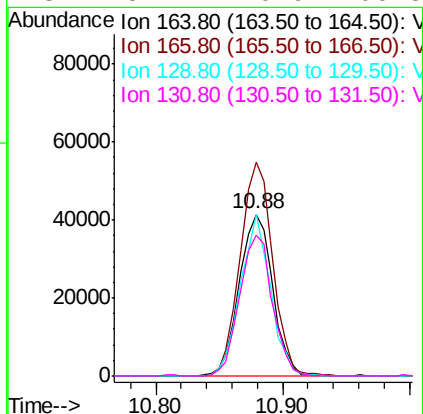
Manual Integrations
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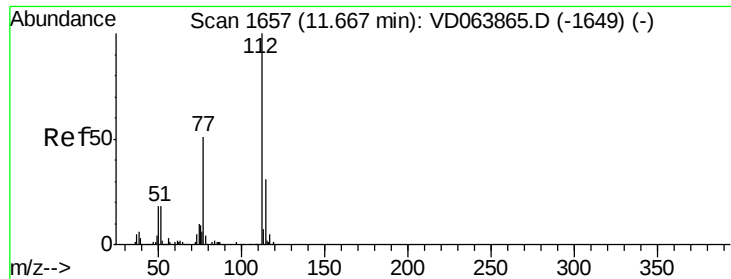
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#64
Tetrachloroethene
Concen: 50.544 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75901		
166	132.4	103.8	155.6	
129	99.7	68.9	103.3	
131	87.1	70.9	106.3	





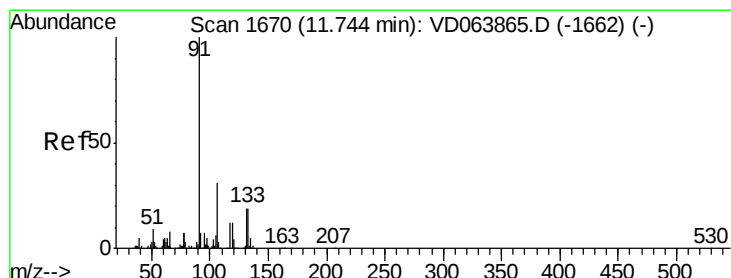
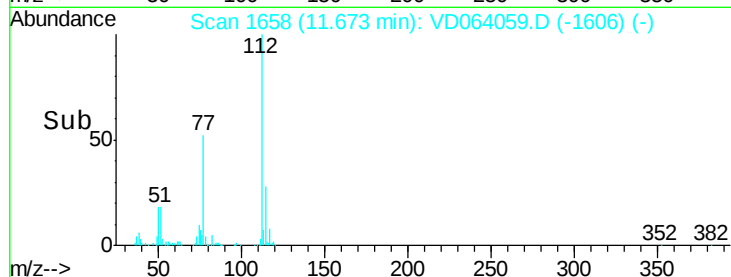
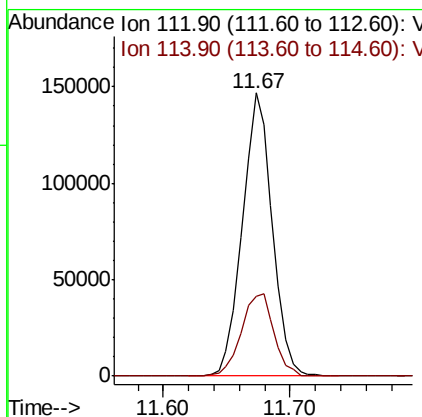
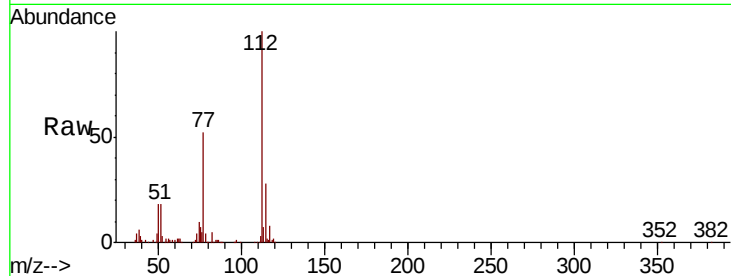
#65
Chlorobenzene
Concen: 54.166 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	28.1	25.1	37.7

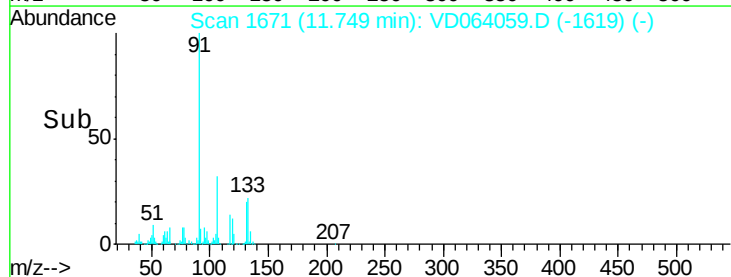
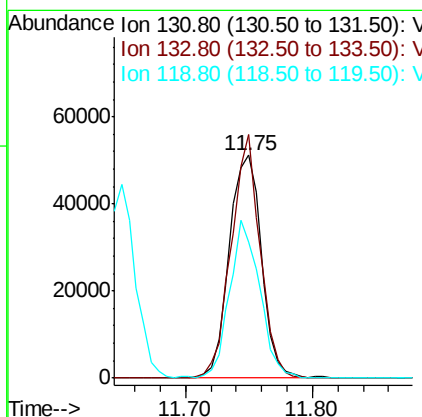
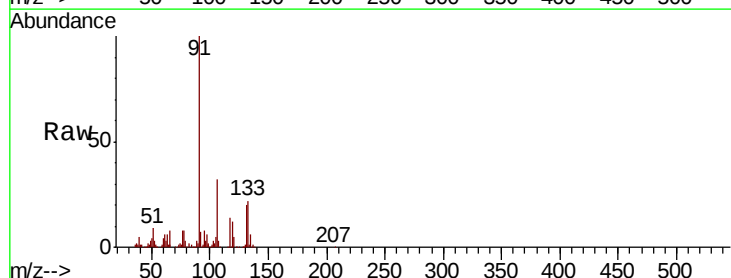
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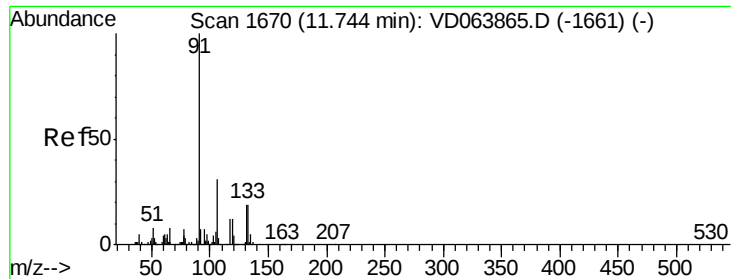
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.218 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	48.9	146.7
119	66.0	32.6	97.8





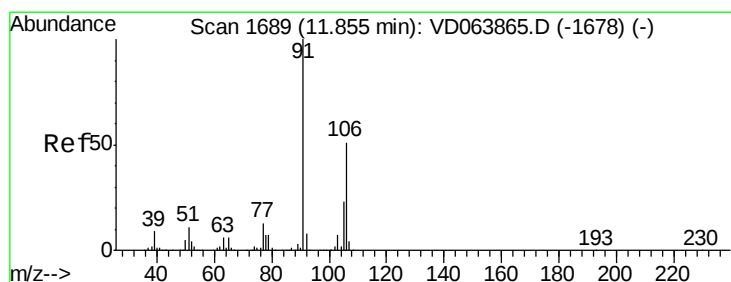
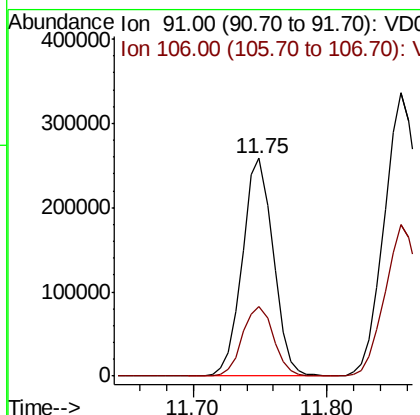
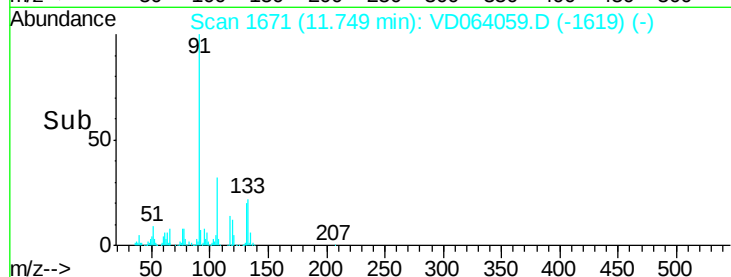
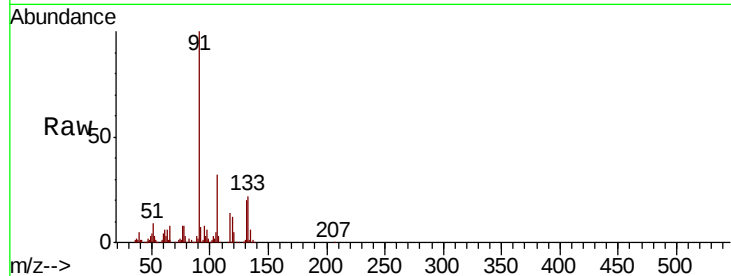
#67
Ethyl Benzene
Concen: 51.925 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 413618
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0

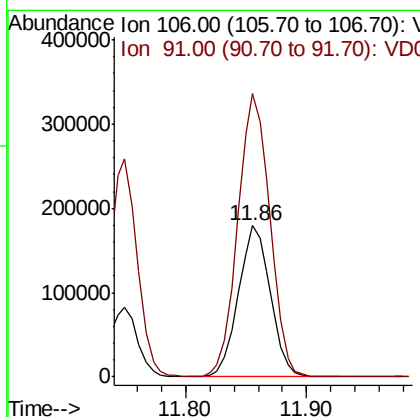
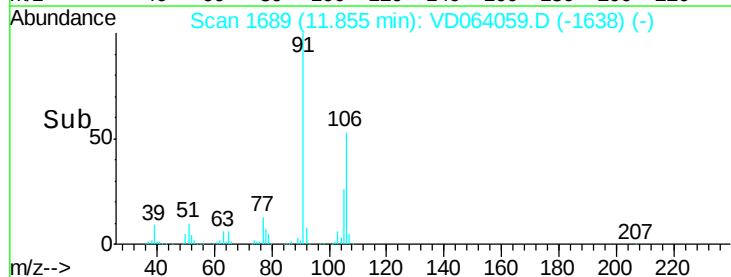
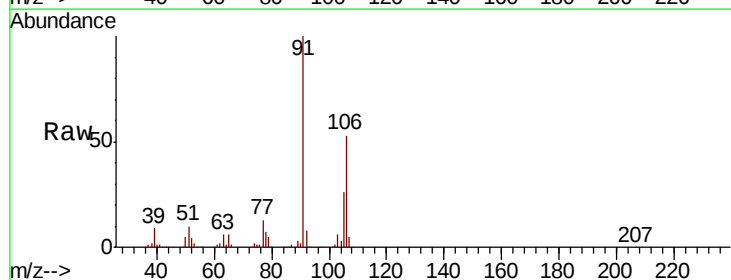
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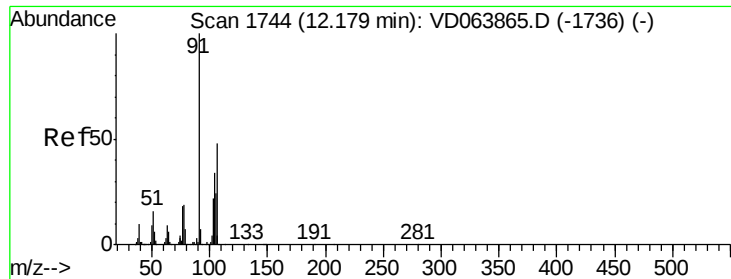
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#68
m/p-Xylenes
Concen: 107.354 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion: 106 Resp: 330069
Ion Ratio Lower Upper
106 100
91 189.2 154.8 232.2





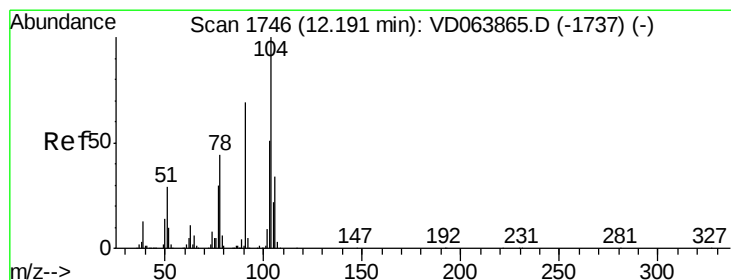
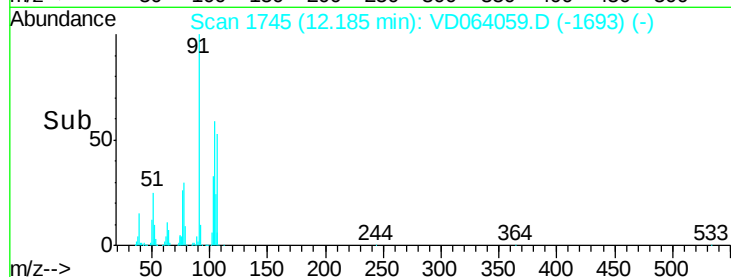
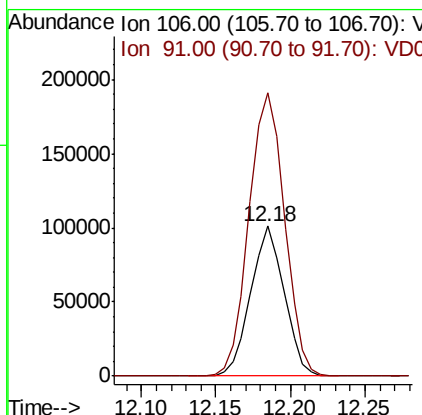
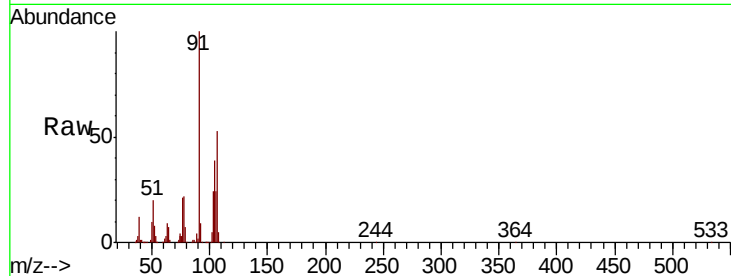
#69
o-Xylene
Concen: 53.471 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.6	103.9	311.7

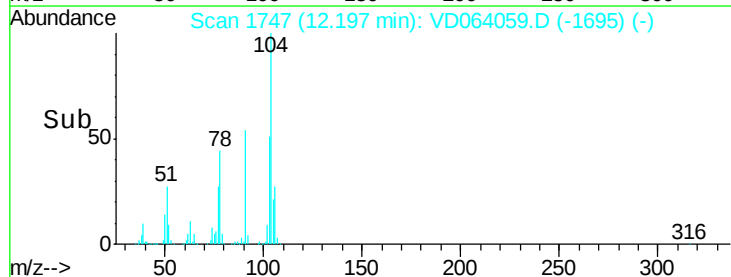
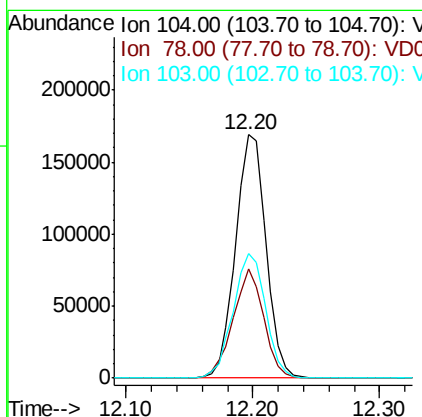
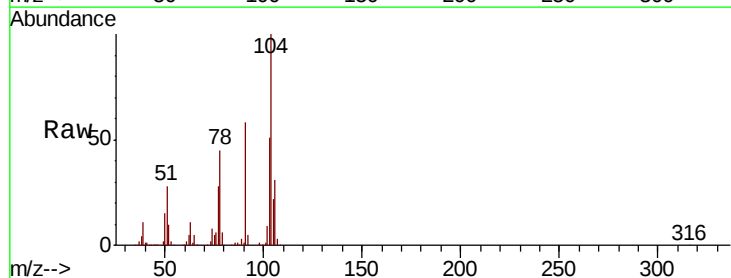
Manual Integrations
APPROVED

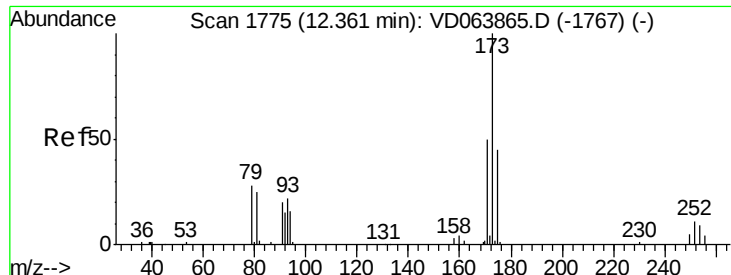
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#70
Styrene
Concen: 56.341 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.1	37.0	55.4
103	54.6	44.2	66.4





#71

Bromoform

Concen: 61.715 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

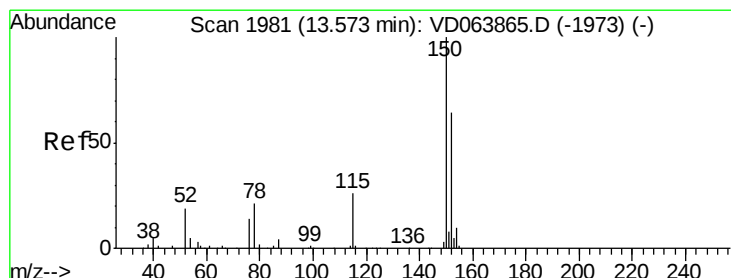
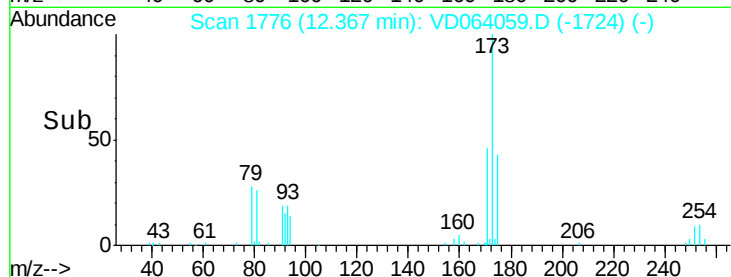
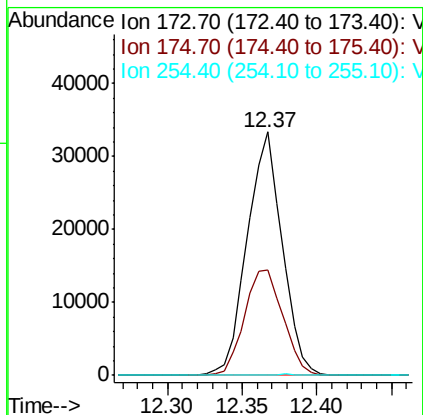
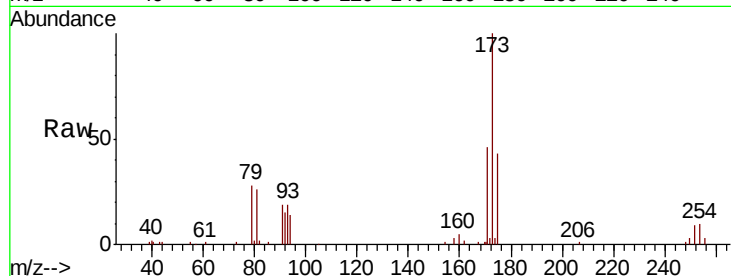
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	74.0
254	0.1	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

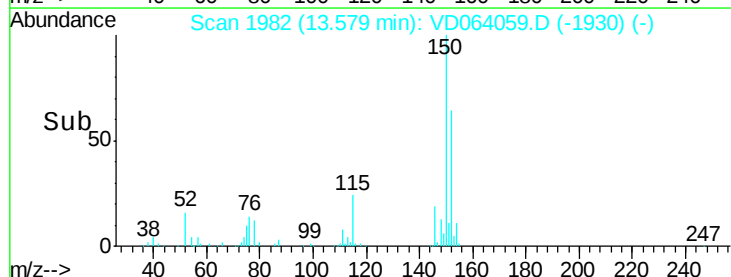
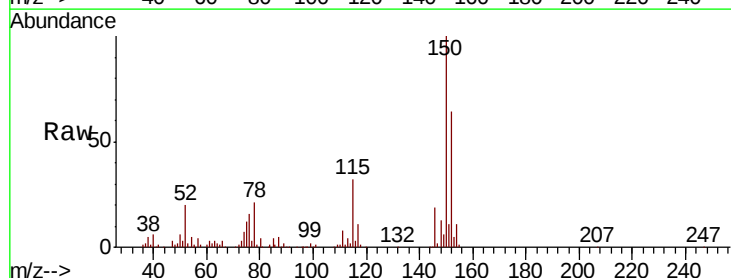
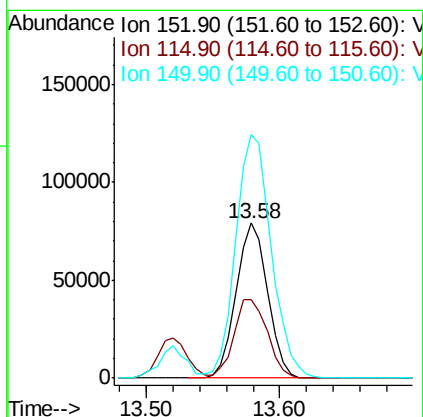
RT: 13.58 min Scan# 1982

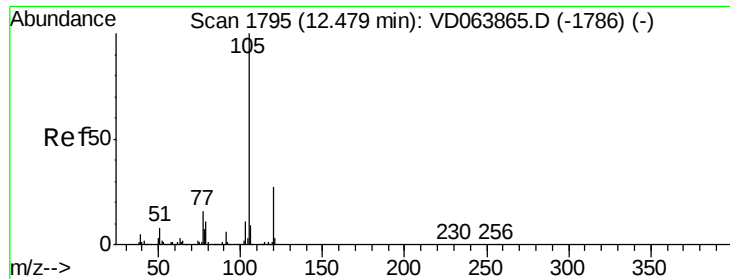
Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	25.9	77.7
150	178.0	0.0	344.2





#73

Isopropylbenzene

Concen: 47.080 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 407704

Ion Ratio Lower Upper

105 100

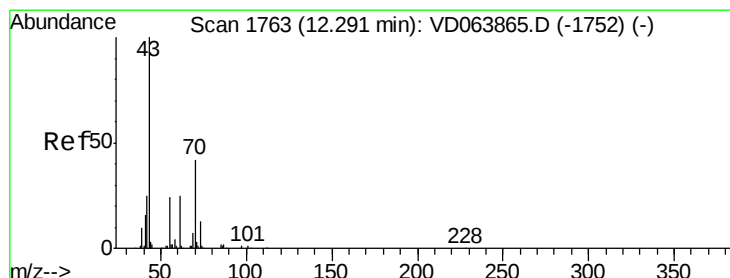
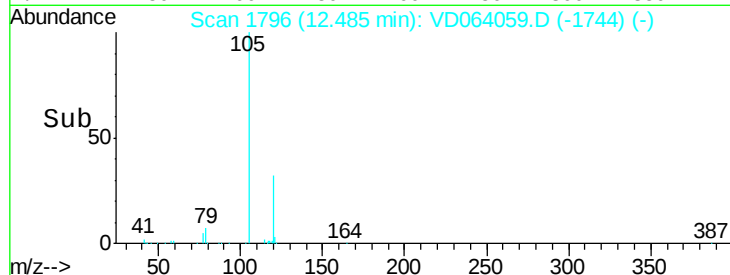
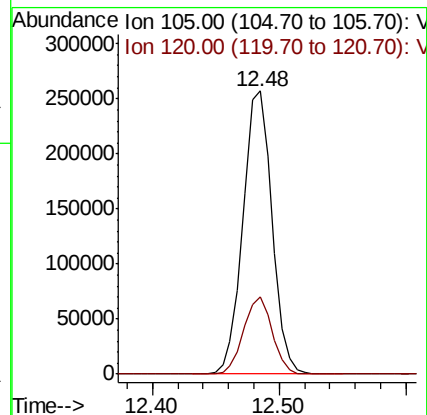
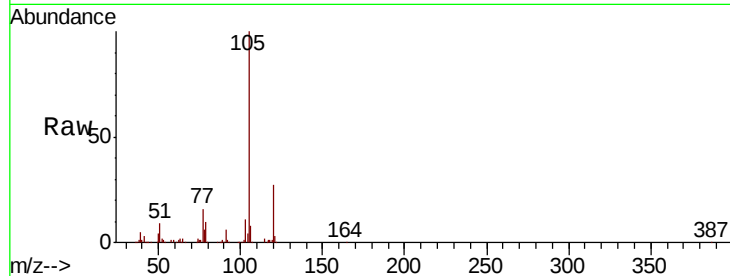
120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 47.159 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion: 43 Resp: 87928

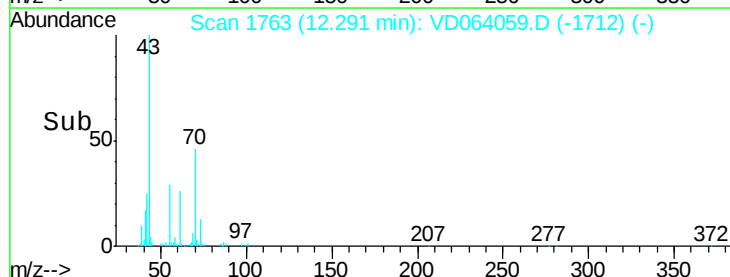
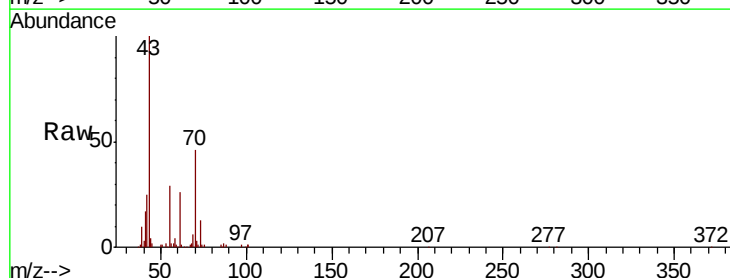
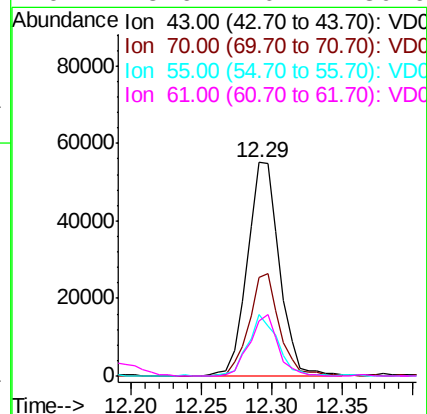
Ion Ratio Lower Upper

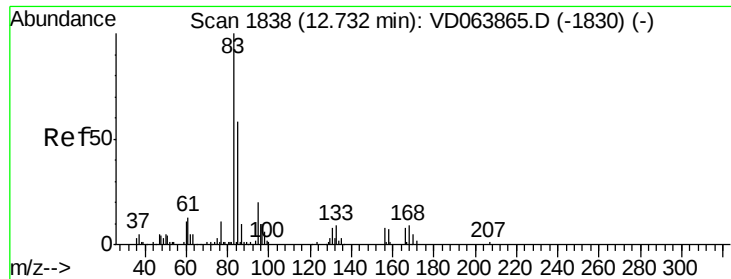
43 100

70 45.5 35.8 53.6

55 26.9 19.4 29.0

61 25.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.775 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

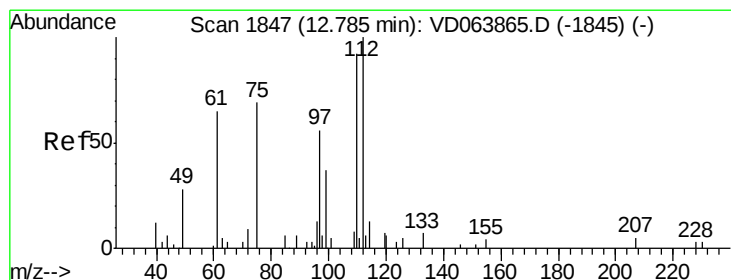
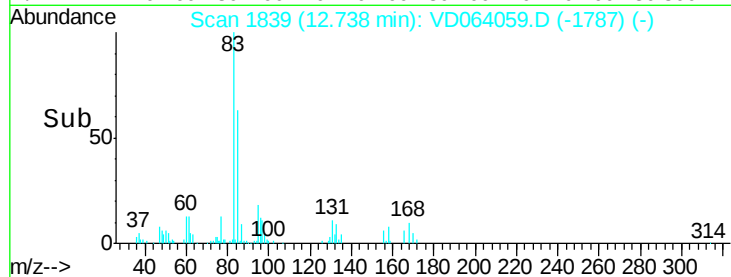
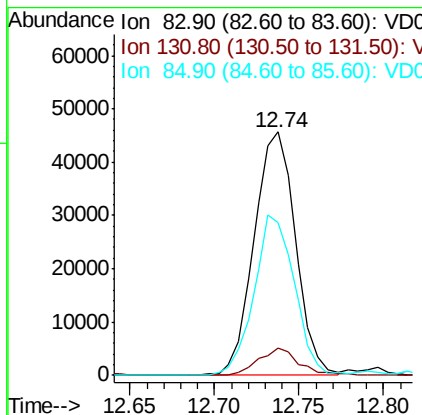
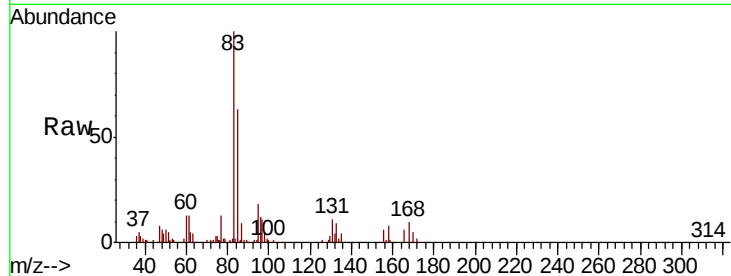
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	78021
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 52.638 ug/l m

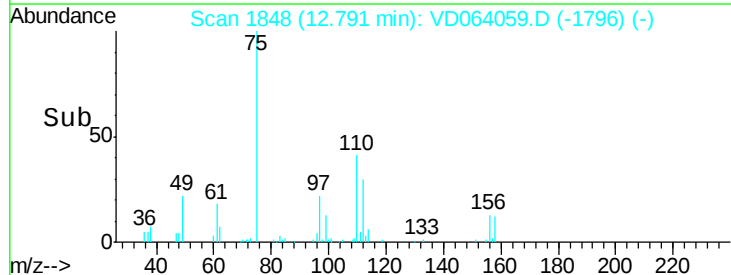
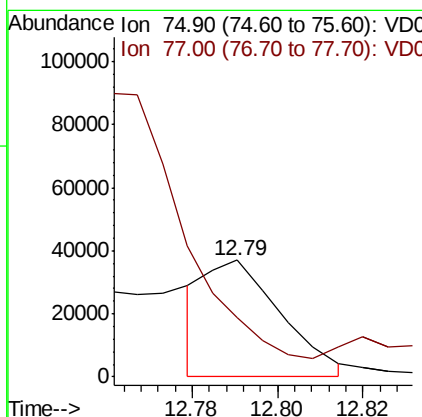
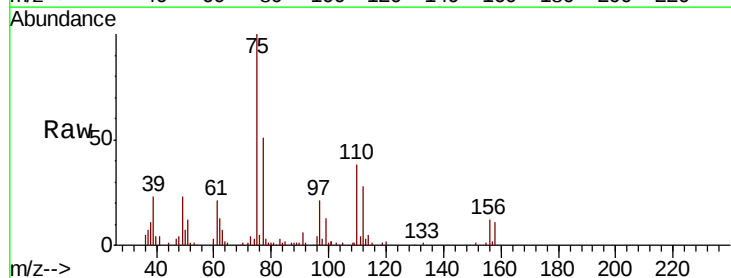
RT: 12.79 min Scan# 1848

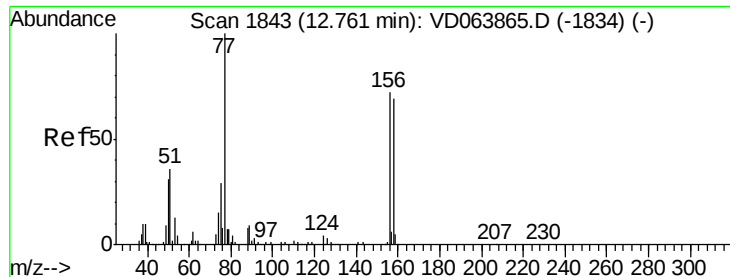
Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	75	Resp:	45416
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.261 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

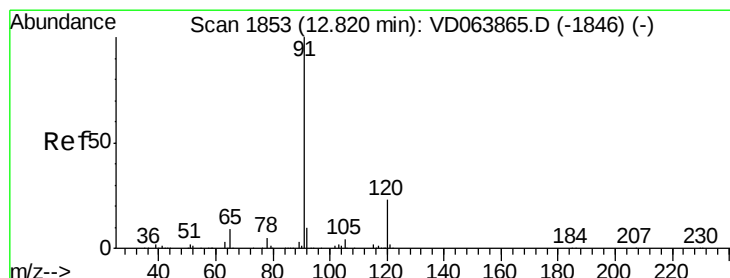
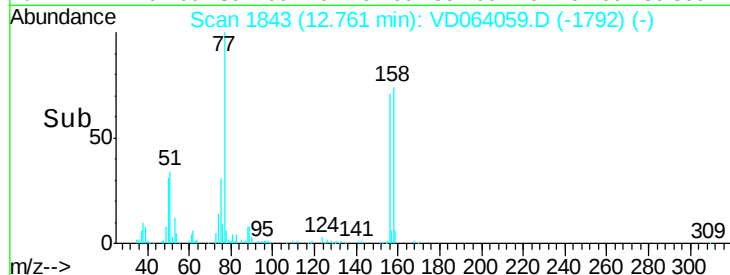
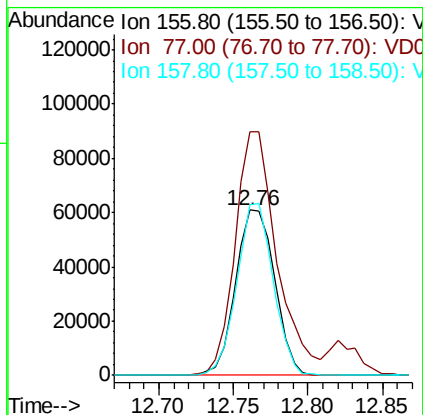
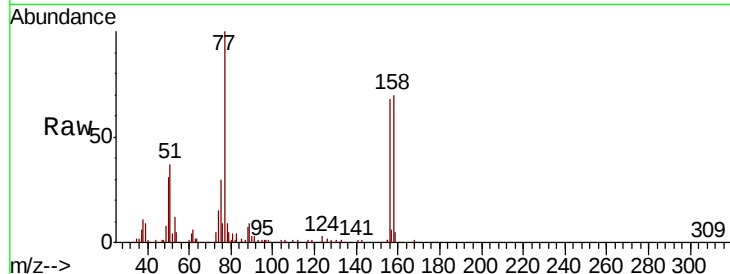
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	110598
Ion Ratio	Lower	Upper	
156	100		
77	158.2	80.3	241.0
158	97.1	47.4	142.2

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#78

n-propylbenzene

Concen: 48.255 ug/l

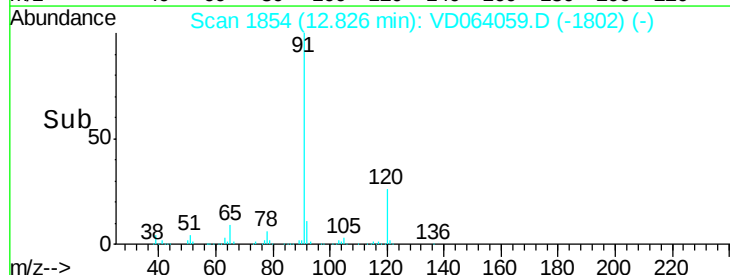
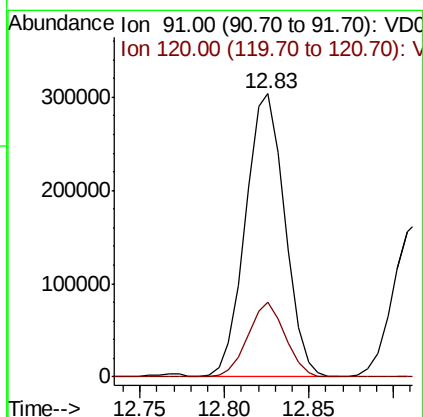
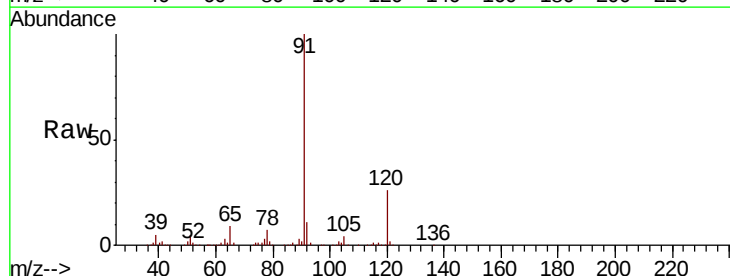
RT: 12.83 min Scan# 1854

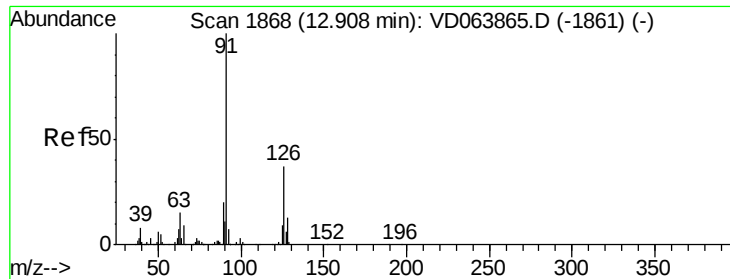
Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	91	Resp:	490508
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.0	36.0





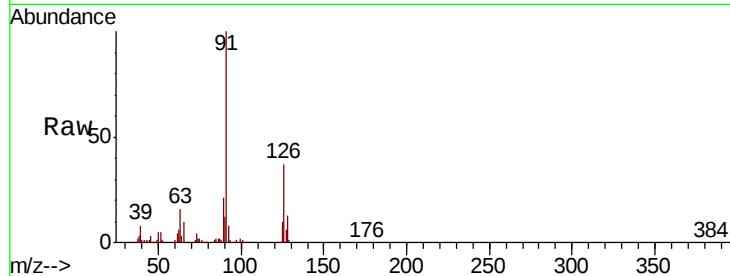
#79
2-Chlorotoluene
Concen: 48.794 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

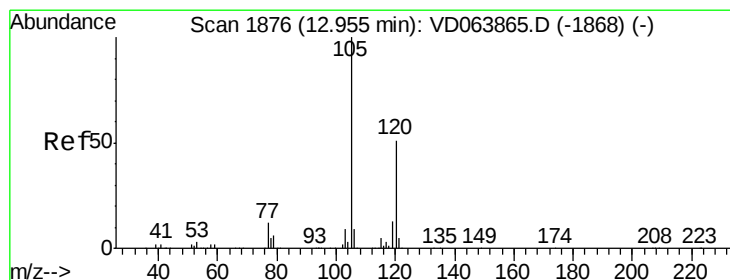
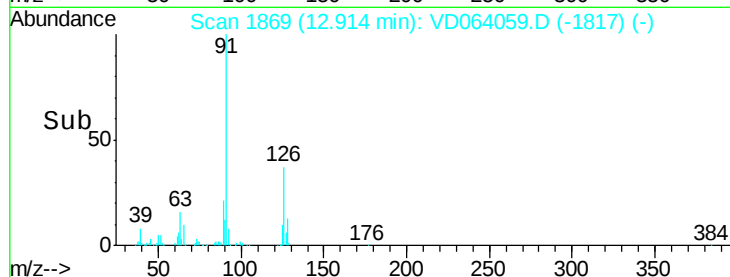
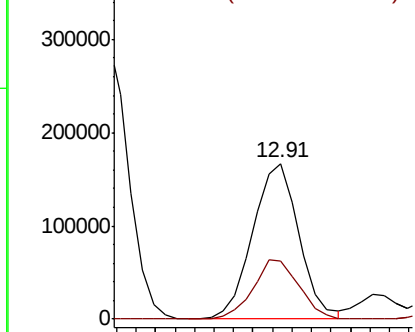
Tot Ion: 91 Resp: 273484
Ion Ratio Lower Upper
91 100
126 37.9 18.4 55.2

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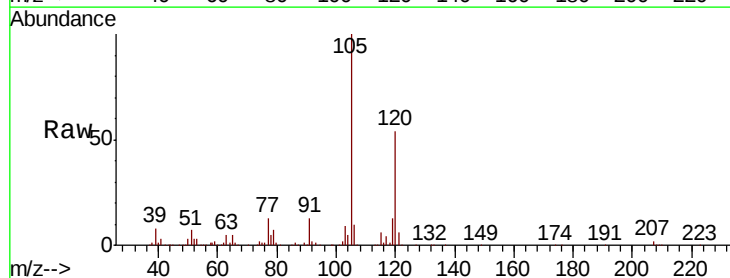


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

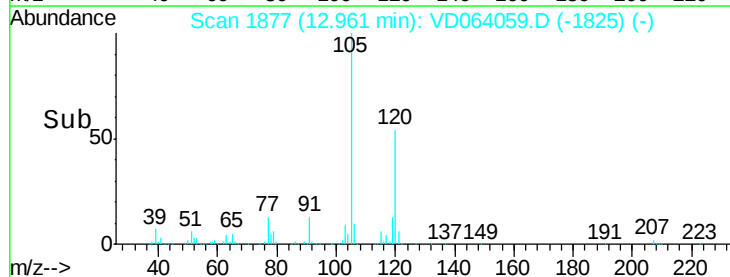
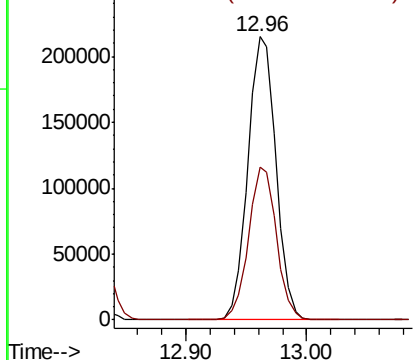


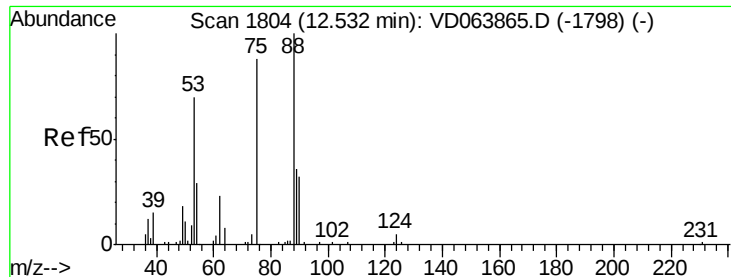
#80
1,3,5-Trimethylbenzene
Concen: 48.219 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion: 105 Resp: 348366
Ion Ratio Lower Upper
105 100
120 53.5 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.567 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

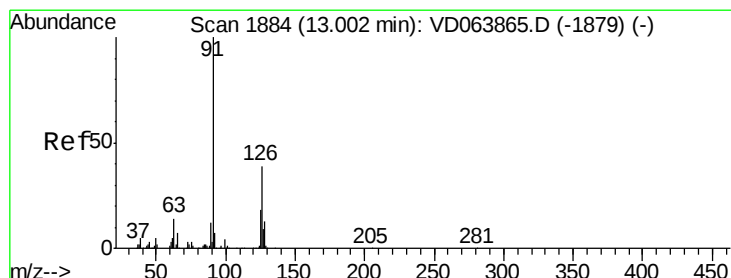
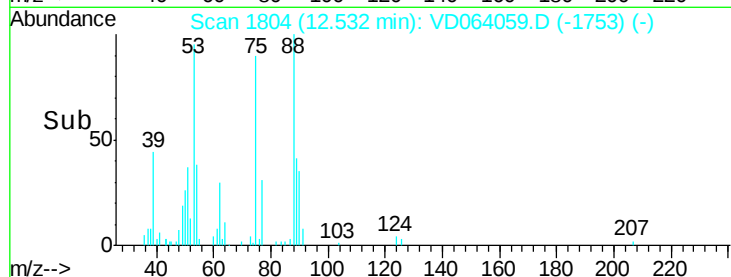
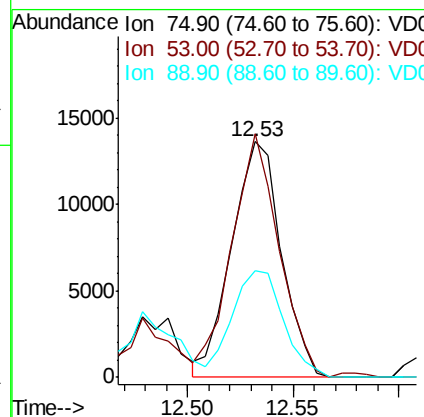
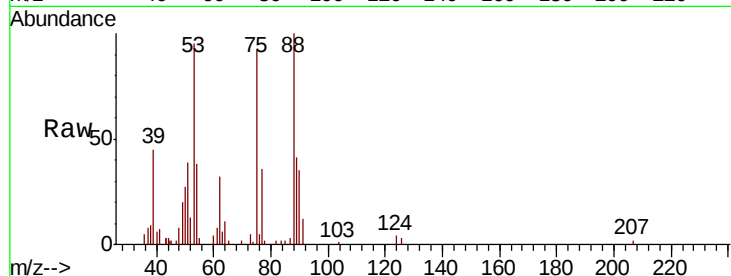
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	22217
Ion	Ratio	Lower	Upper
75	100		
53	98.2	75.0	112.6
89	46.7	38.2	57.4

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#82

4-Chlorotoluene

Concen: 48.865 ug/l

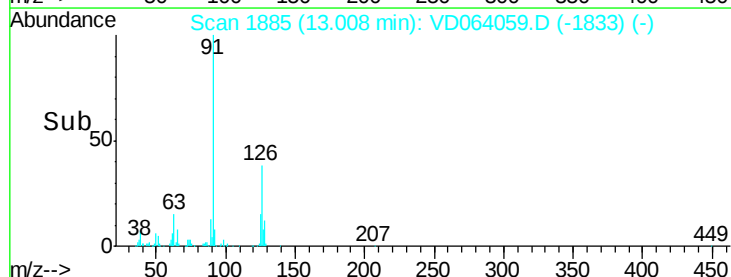
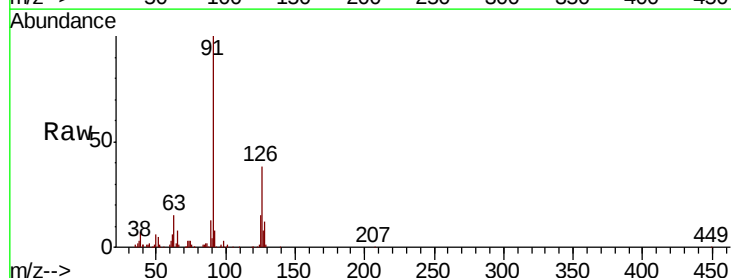
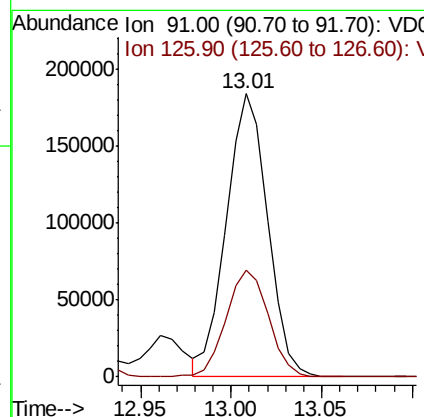
RT: 13.01 min Scan# 1885

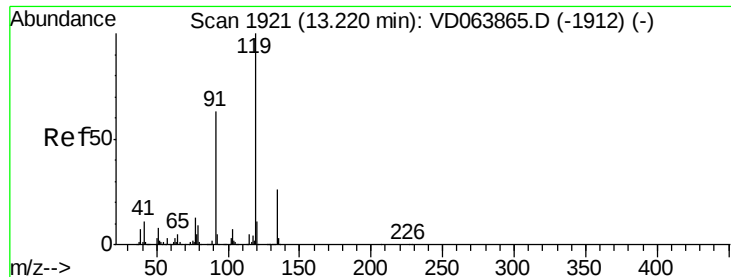
Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Tgt Ion:	91	Resp:	290536
Ion	Ratio	Lower	Upper
91	100		
126	38.9	18.6	55.8





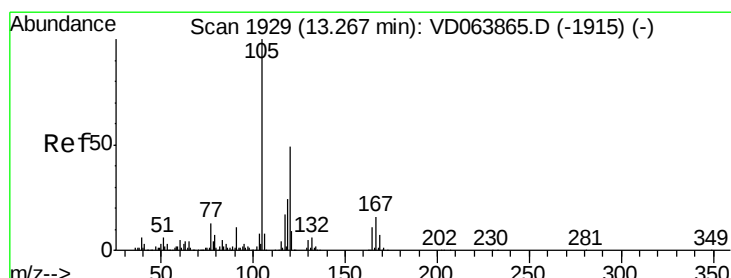
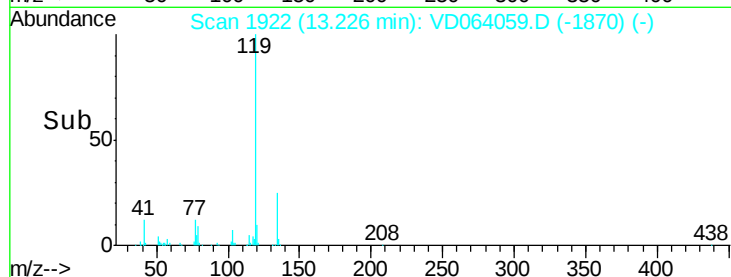
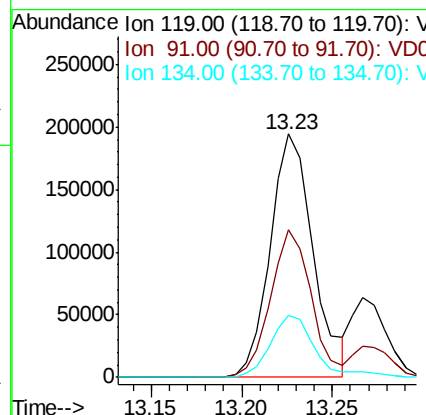
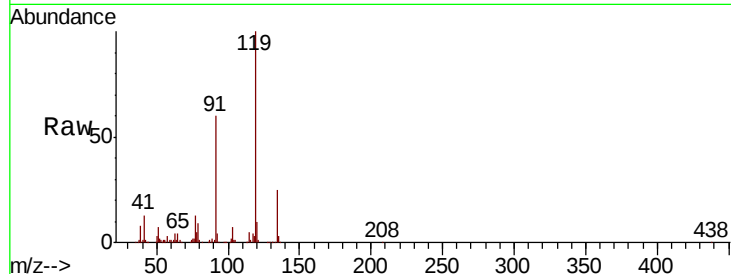
#83
tert-Butylbenzene
Concen: 49.867 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	320637		
91	57.4		30.0	90.0
134	26.9		13.0	38.9

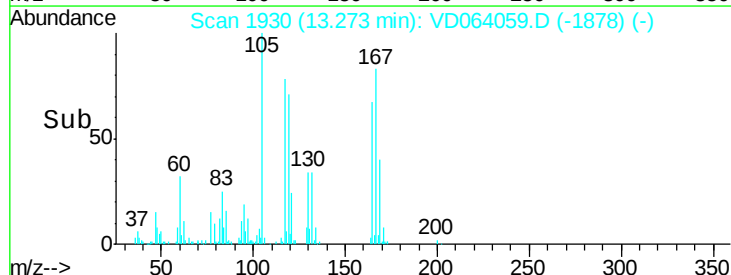
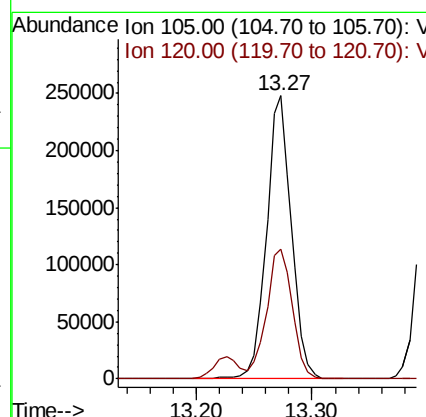
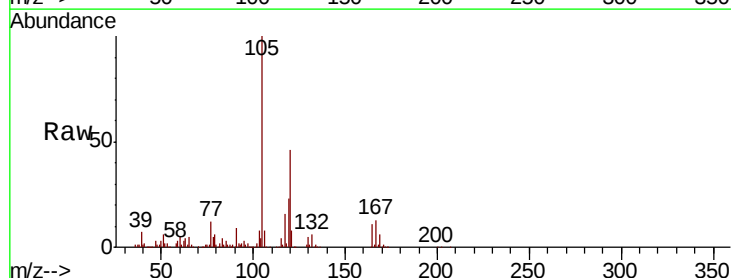
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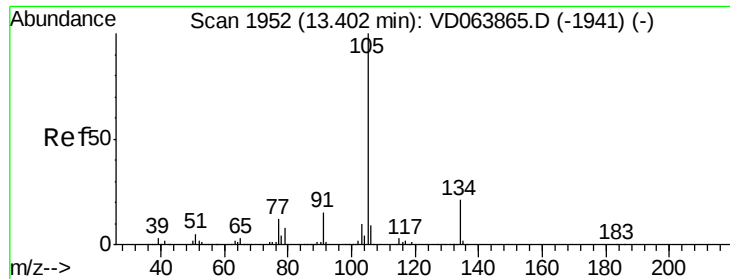
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#84
1,2,4-Trimethylbenzene
Concen: 49.898 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	371651		
120	47.6		23.8	71.5





#85

sec-Butylbenzene

Concen: 48.800 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 423744

Ion Ratio Lower Upper

105 100

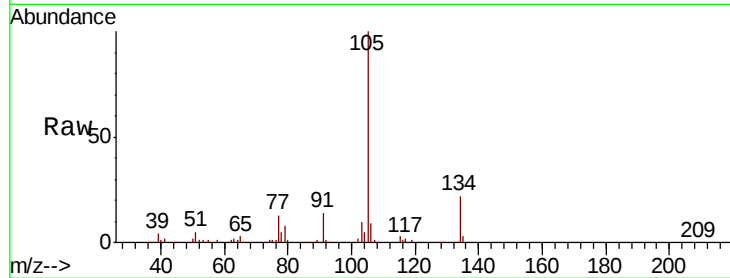
134 21.7 10.6 31.8

Manual Integrations

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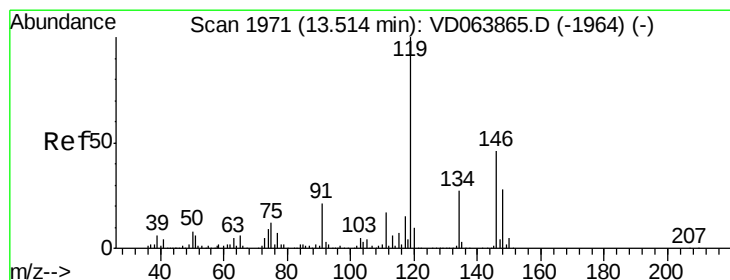
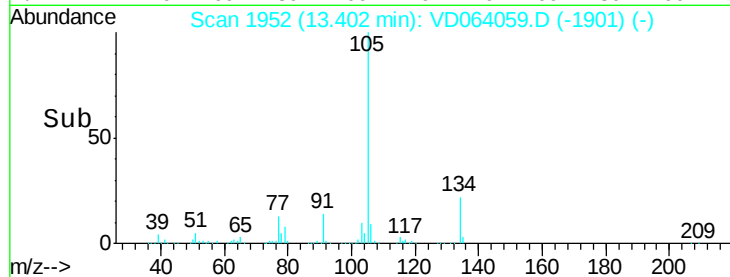
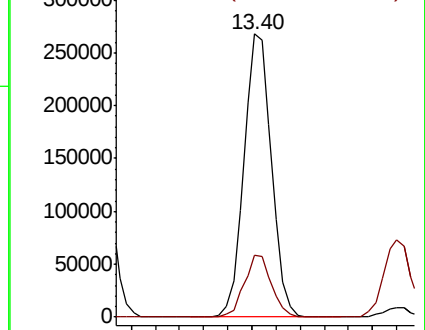
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.460 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD064059.D

Acq: 24 Oct 2019 21:32

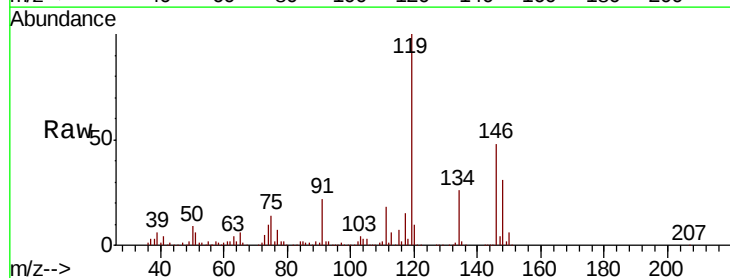
Tgt Ion:119 Resp: 422832

Ion Ratio Lower Upper

119 100

134 26.9 13.9 41.6

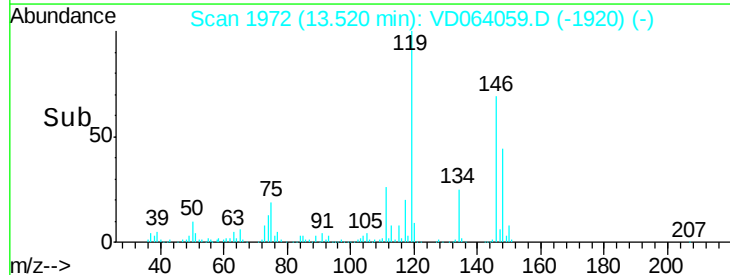
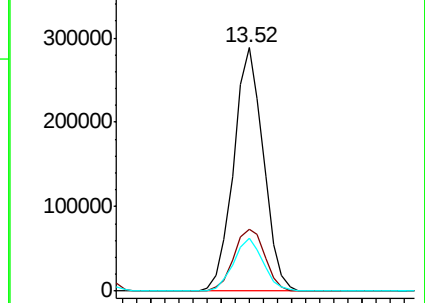
91 21.6 11.2 33.5

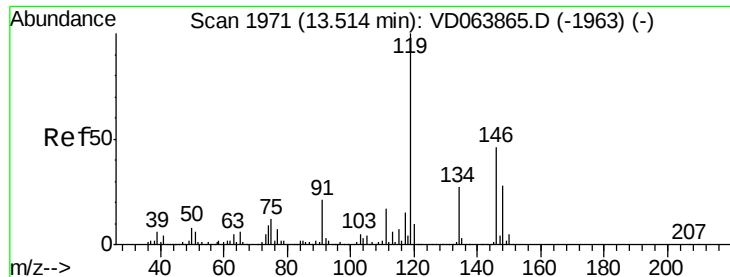


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





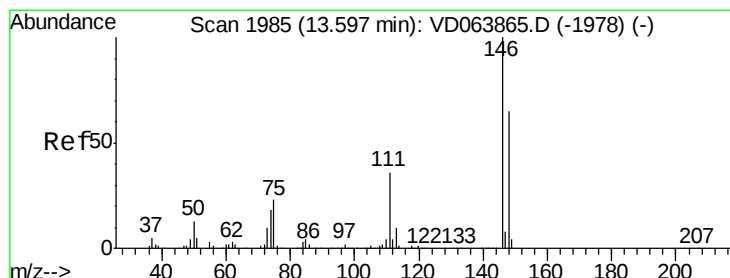
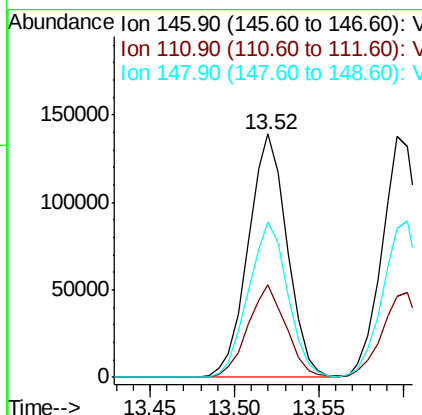
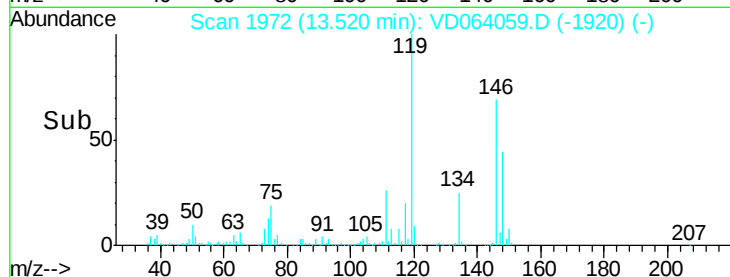
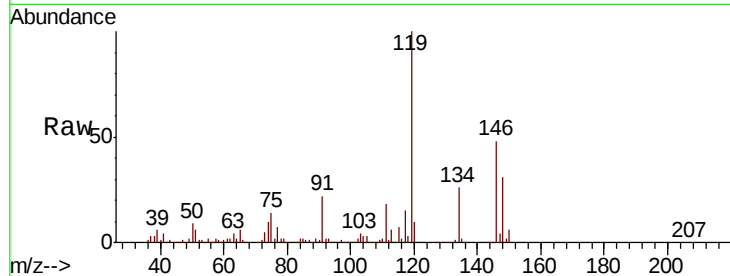
#87
 1,3-Dichlorobenzene
 Concen: 52.119 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	64.6	31.8	95.4

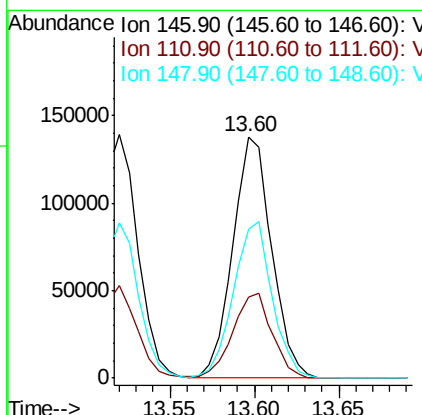
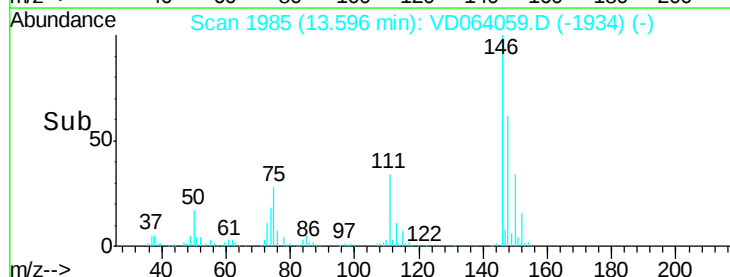
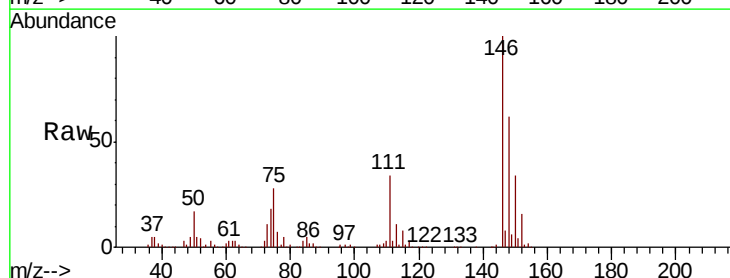
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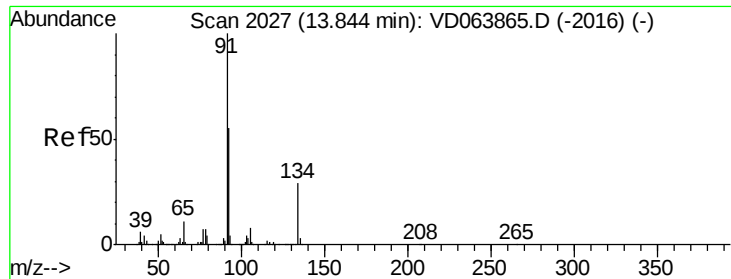
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#88
 1,4-Dichlorobenzene
 Concen: 52.708 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.6	56.0
148	64.4	32.6	98.0





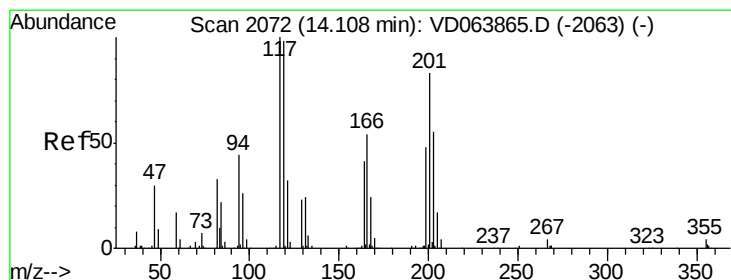
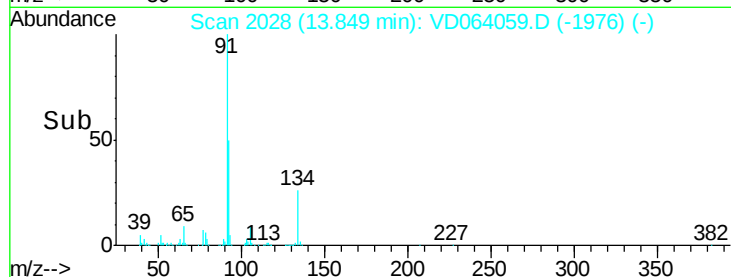
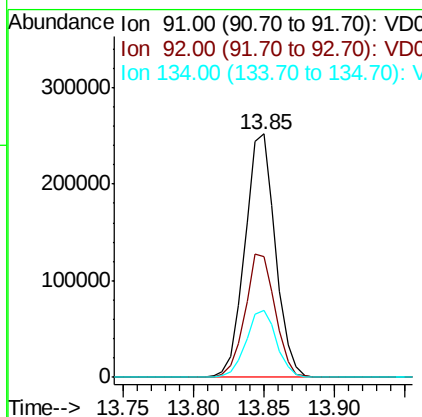
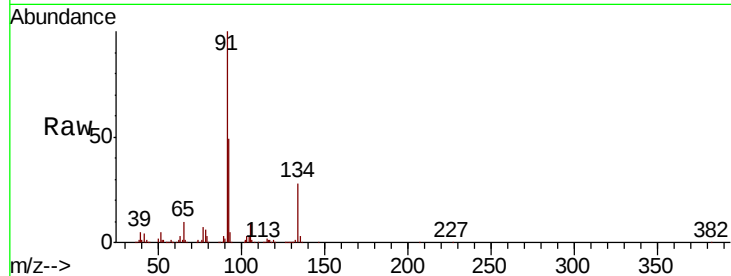
#89
n-Butylbenzene
Concen: 49.593 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.8	80.3
134	27.5	14.4	43.0

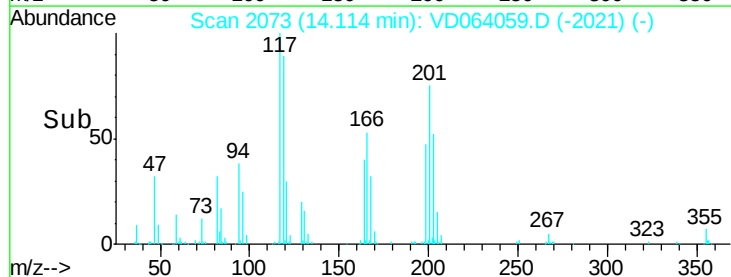
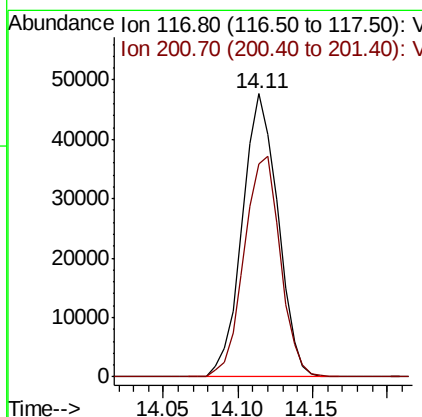
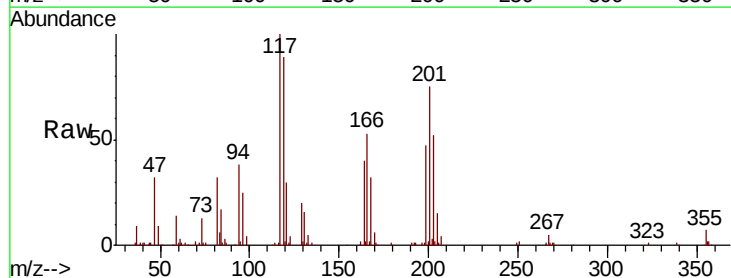
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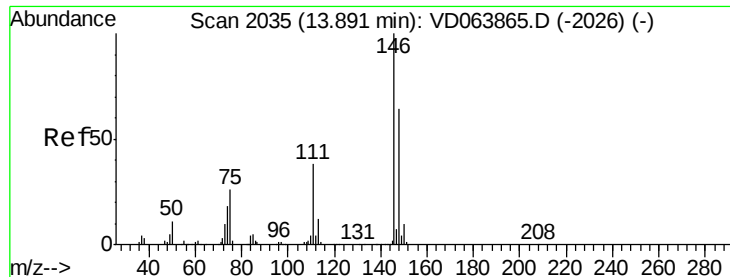
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10/25/2019 4:47:57 PM



#90
Hexachloroethane
Concen: 53.247 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.6	121.7





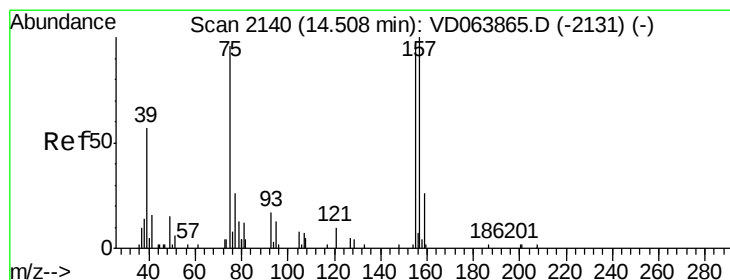
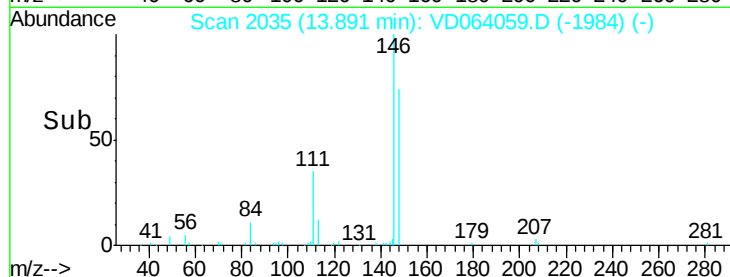
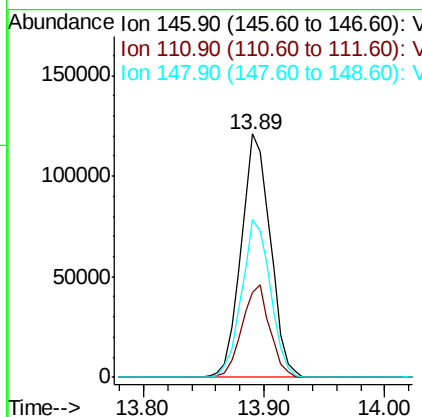
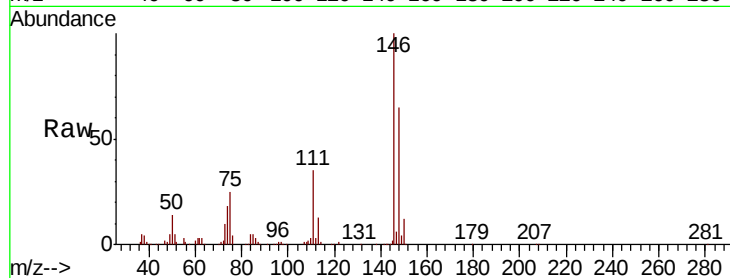
#91
 1,2-Dichlorobenzene
 Concen: 55.510 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.6	55.6
148	64.0	31.6	95.0

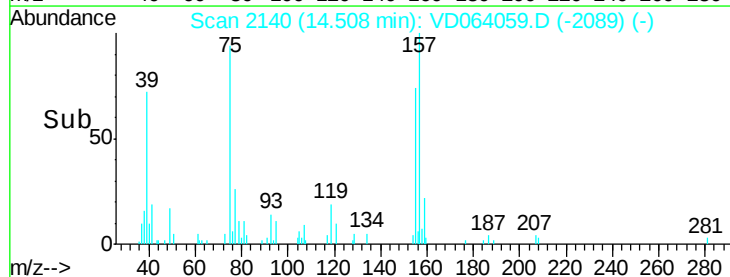
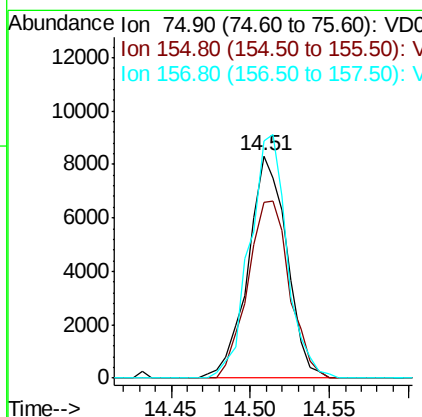
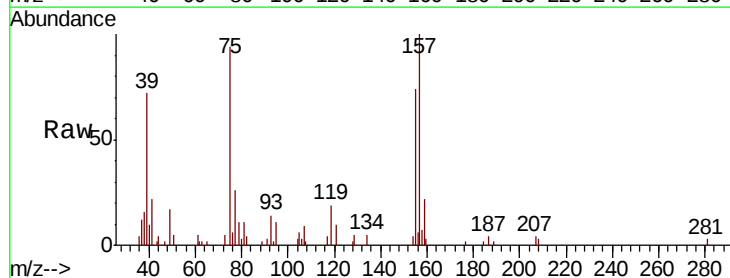
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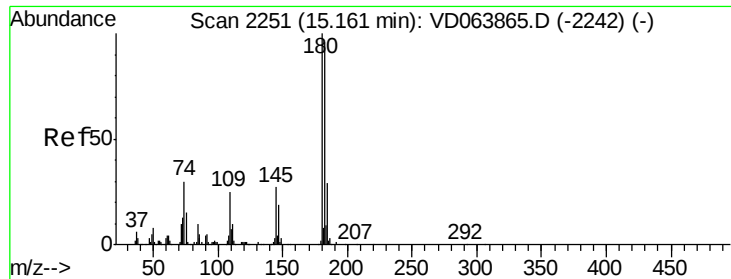
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.042 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	43.9	131.6
157	105.9	56.0	167.9





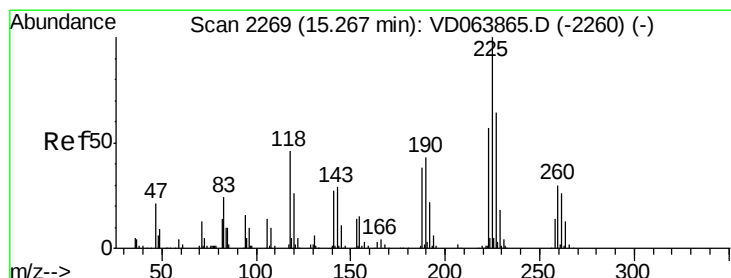
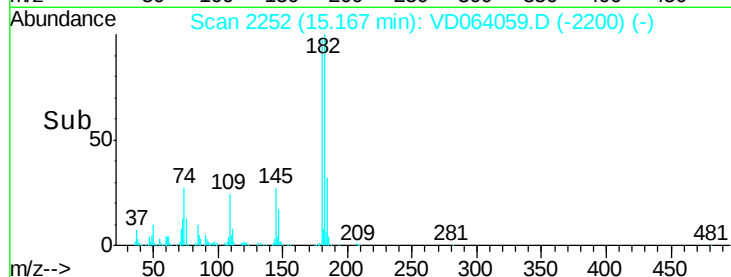
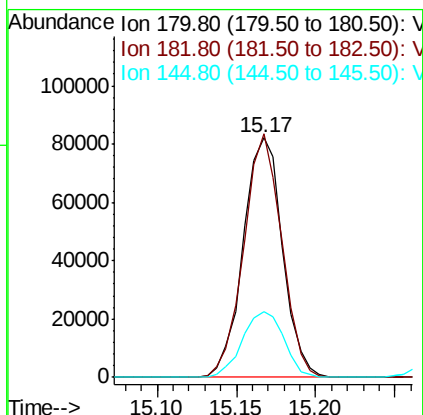
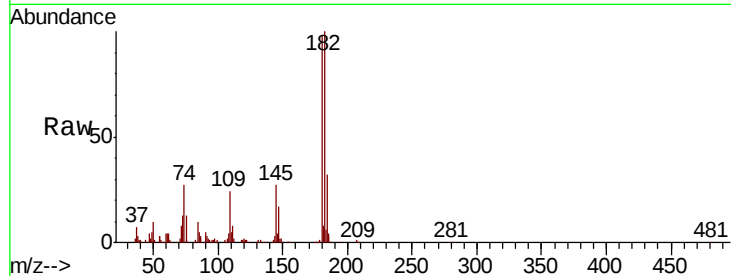
#93
 1,2,4-Trichlorobenzene
 Concen: 49.907 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.4	142.3
145	29.0	13.9	41.7

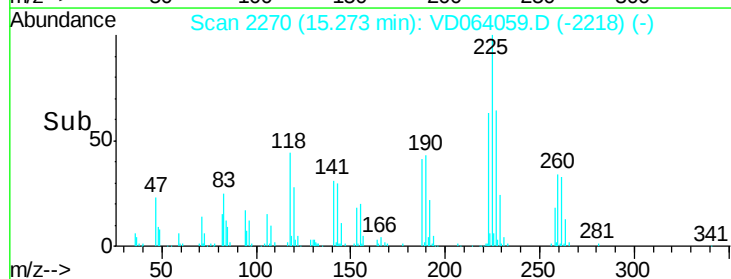
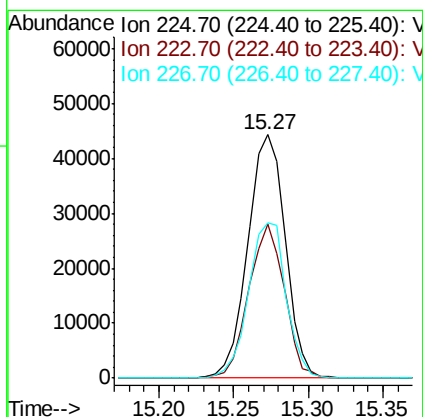
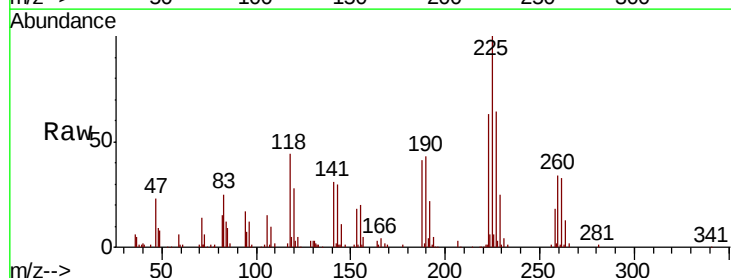
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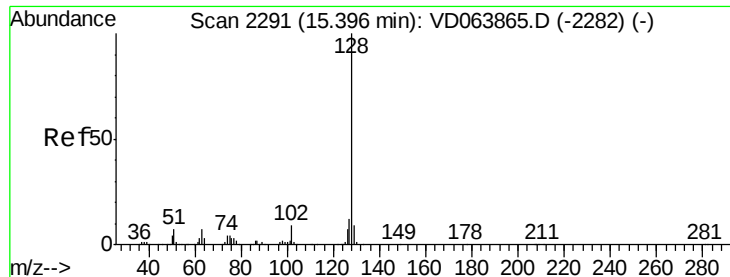
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#94
 Hexachlorobutadiene
 Concen: 49.035 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: VD064059.D
 Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	29.5	88.6
227	64.4	30.8	92.4





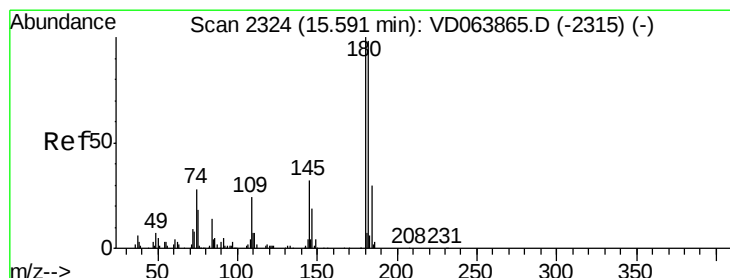
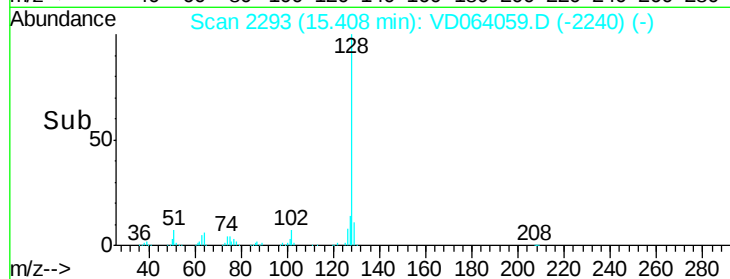
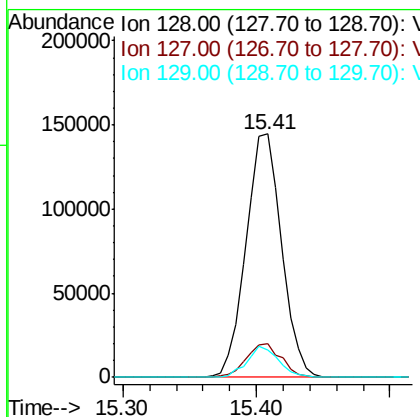
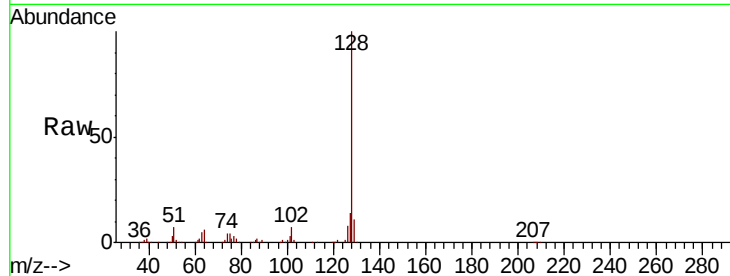
#95
Naphthalene
Concen: 55.746 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.3	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.285 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.01 min
Lab File: VD064059.D
Acq: 24 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.0	141.0
145	29.2	15.3	45.9

