

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063925.D
 Acq On : 10 Oct 2019 22:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 10:24:21 AM

Quant Time: Oct 11 08:37:18 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	169373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	277365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	88276	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.92	113	89677	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.34	98	357239	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.64	95	119354	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	47536	39.575	ug/l	96
3) Chloromethane	2.21	50	167205	51.681	ug/l	99
4) Vinyl Chloride	2.35	62	181838	46.839	ug/l	99
5) Bromomethane	2.77	94	122281	48.995	ug/l	93
6) Chloroethane	2.93	64	123854	48.241	ug/l	93
7) Trichlorofluoromethane	3.27	101	253425	49.374	ug/l	97
8) Diethyl Ether	3.71	74	41474	50.342	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	67079	47.212	ug/l	95
10) Methyl Iodide	4.29	142	91237	46.603	ug/l	99
11) Tert butyl alcohol	5.25	59	28687	250.429	ug/l	97
12) 1,1-Dichloroethene	4.06	96	62615	44.111	ug/l	99
13) Acrolein	3.92	56	21497	145.964	ug/l	99
14) Allyl chloride	4.71	41	113315	48.015	ug/l	99
15) Acrylonitrile	5.43	53	96310	265.155	ug/l	97
16) Acetone	4.17	43	90173	210.038	ug/l	99
17) Carbon Disulfide	4.40	76	221859	42.996	ug/l	98
18) Methyl Acetate	4.73	43	47569	56.650	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	184494	50.192	ug/l	99
20) Methylene Chloride	4.97	84	95400	50.085	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	86321	48.849	ug/l	93
22) Diisopropyl ether	6.37	45	253211	52.535	ug/l	96
23) Vinyl Acetate	6.31	43	733766	255.912	ug/l	98
24) 1,1-Dichloroethane	6.26	63	151671	51.088	ug/l	98
25) 2-Butanone	7.23	43	120497	236.832	ug/l	98
26) 2,2-Dichloropropane	7.21	77	119794	44.606	ug/l	95
27) cis-1,2-Dichloroethene	7.21	96	103577	51.785	ug/l	95
28) Bromochloromethane	7.56	49	67954	59.825	ug/l	98
29) Tetrahydrofuran	7.57	42	79144	266.505	ug/l	95
30) Chloroform	7.71	83	162529	50.404	ug/l	94
31) Cyclohexane	7.98	56	125680	51.307	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	136973	49.520	ug/l	98
36) 1,1-Dichloropropene	8.11	75	120383	47.469	ug/l	98
37) Ethyl Acetate	7.30	43	54415	53.815	ug/l	97
38) Carbon Tetrachloride	8.10	117	124902	48.738	ug/l #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	144169	46.235	ug/l	91
40) Benzene	8.36	78	365328	50.269	ug/l	99
41) Methacrylonitrile	7.54	41	29277	49.794	ug/l #	87
42) 1,2-Dichloroethane	8.43	62	103225	49.103	ug/l	99
43) Isopropyl Acetate	8.46	43	101701	47.819	ug/l	98
44) Trichloroethene	9.11	130	101402	48.387	ug/l	97
45) 1,2-Dichloropropane	9.39	63	91904	51.666	ug/l	99
46) Dibromomethane	9.48	93	52475	51.798	ug/l	96
47) Bromodichloromethane	9.67	83	131470	50.405	ug/l	97
48) Methyl methacrylate	9.46	41	48776	47.866	ug/l	97
49) 1,4-Dioxane	9.47	88	13606	983.929	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	275897	250.133	ug/l	96
52) Toluene	10.41	92	259528	52.020	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	128031	50.303	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	148560	50.707	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	74400	52.014	ug/l	97
56) Ethyl methacrylate	10.66	69	91513	50.521	ug/l	96
57) 1,3-Dichloropropane	10.95	76	126719	51.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	211978	272.253	ug/l	99
59) 2-Hexanone	10.99	43	193505	242.524	ug/l	98
60) Dibromochloromethane	11.14	129	99369	53.360	ug/l	97
61) 1,2-Dibromoethane	11.25	107	74914	54.023	ug/l	97
64) Tetrachloroethene	10.88	164	94389	48.987	ug/l	98
65) Chlorobenzene	11.67	112	288040	50.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	107954	51.687	ug/l	98
67) Ethyl Benzene	11.75	91	507479	49.652	ug/l	100
68) m/p-Xylenes	11.86	106	397989	100.884	ug/l	100
69) o-Xylene	12.18	106	193122	51.124	ug/l	95
70) Styrene	12.20	104	329350	51.503	ug/l	98
71) Bromoform	12.36	173	59762	53.317	ug/l #	99
73) Isopropylbenzene	12.48	105	501226	46.798	ug/l	100
74) N-amyl acetate	12.29	43	100909	43.760	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	87856	47.139	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	47463m	44.478	ug/l	
77) Bromobenzene	12.76	156	127660	47.841	ug/l	96
78) n-propylbenzene	12.83	91	585783	46.595	ug/l	99
79) 2-Chlorotoluene	12.91	91	324017	46.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	418887	46.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24633	40.849	ug/l	91
82) 4-Chlorotoluene	13.01	91	338068	45.973	ug/l	98
83) tert-Butylbenzene	13.23	119	366872	46.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	432239	46.922	ug/l	99
85) sec-Butylbenzene	13.40	105	504569	46.983	ug/l	100
86) p-Isopropyltoluene	13.52	119	490276	48.244	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	260115	49.334	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	253060	48.650	ug/l	97
89) n-Butylbenzene	13.84	91	435380	46.026	ug/l	99
90) Hexachloroethane	14.11	117	87740	48.004	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	226620	49.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13965	48.134	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160999	45.921	ug/l	99
94) Hexachlorobutadiene	15.27	225	92758	47.943	ug/l	97
95) Naphthalene	15.40	128	292535	49.643	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	145080	47.961	ug/l	99

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

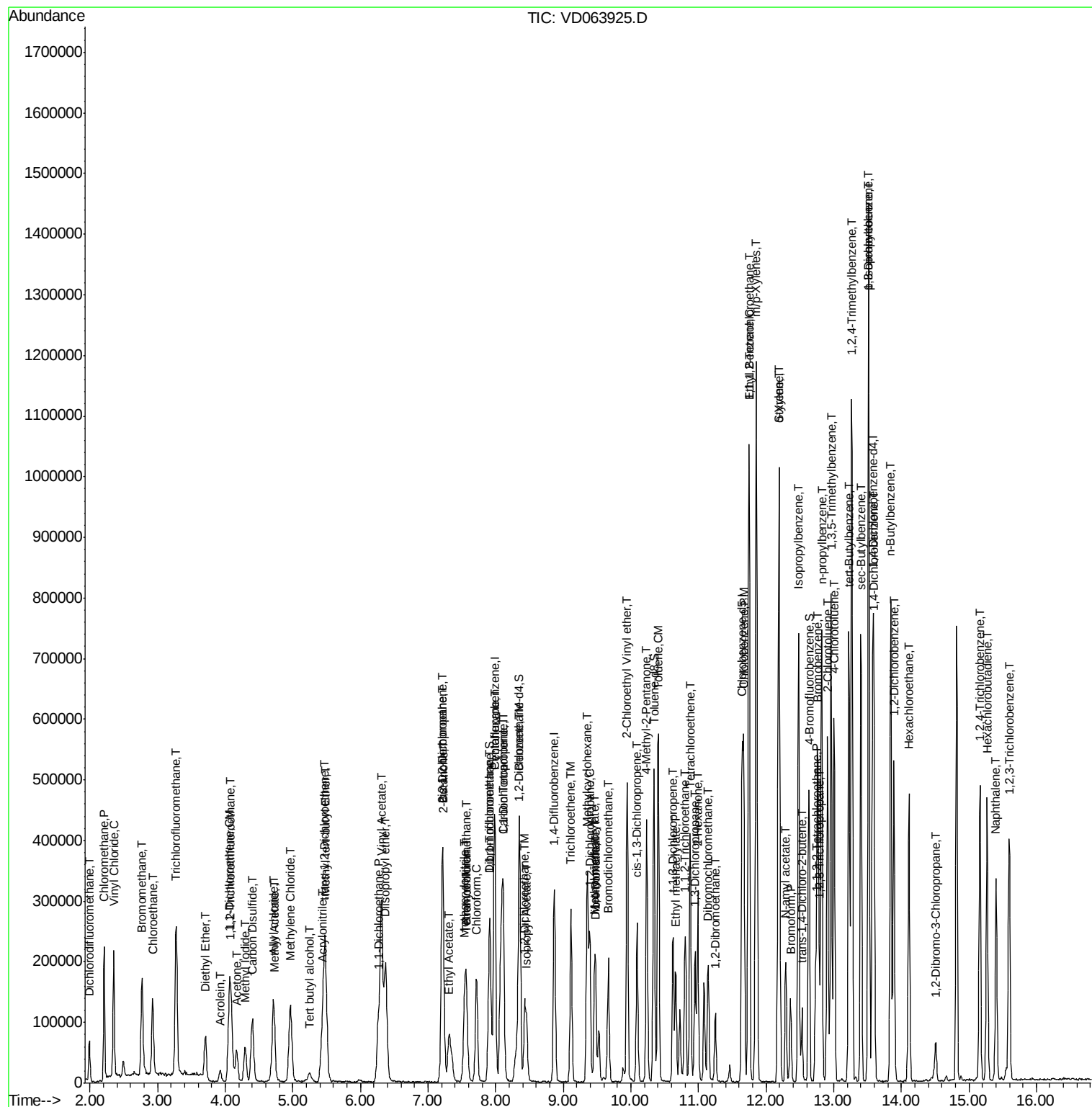
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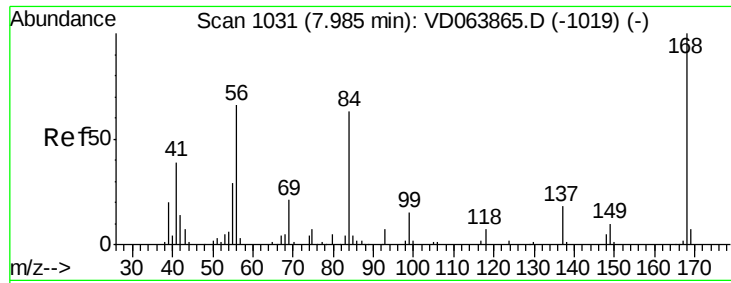
Instrument :
 MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 169373

Ion Ratio Lower Upper

168 100

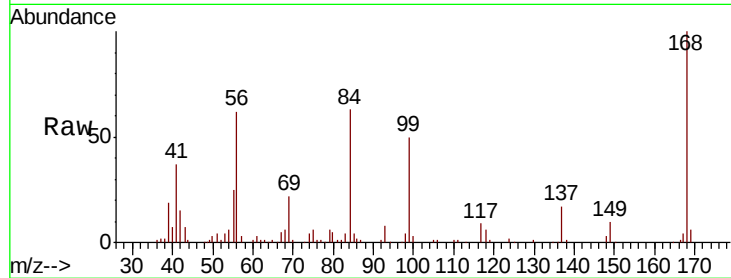
99 50.3 43.0 64.4

Manual Integrations

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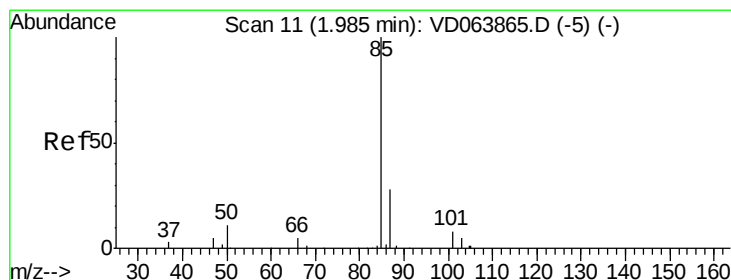
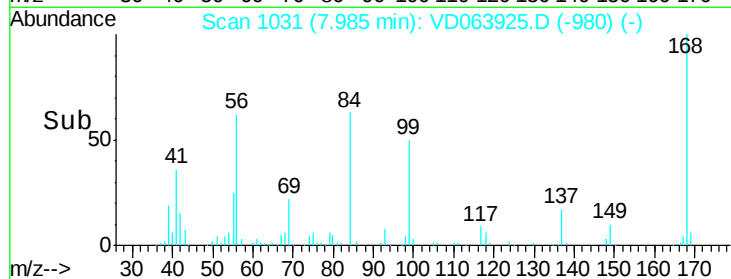
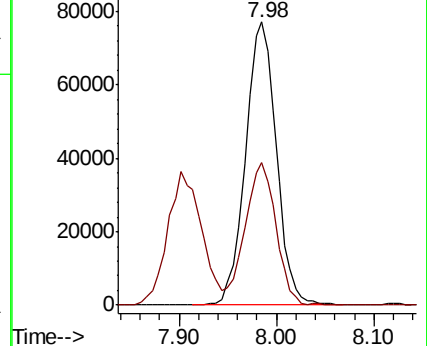
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.575 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063925.D

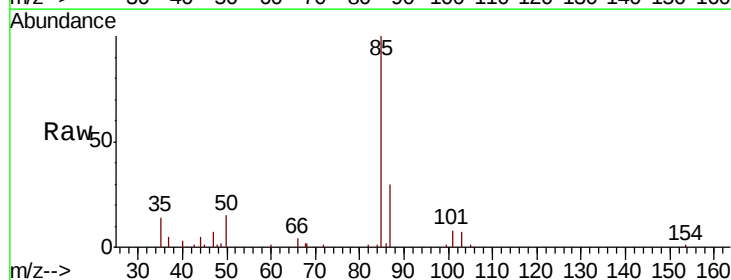
Acq: 10 Oct 2019 22:17

Tgt Ion: 85 Resp: 47536

Ion Ratio Lower Upper

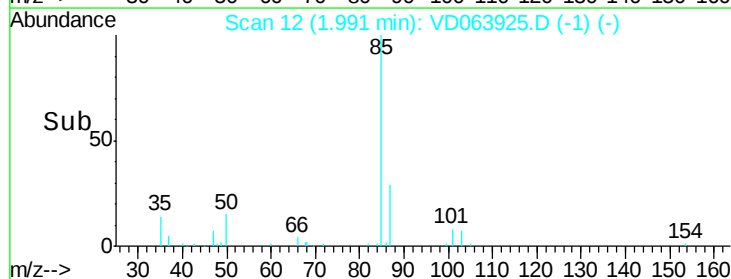
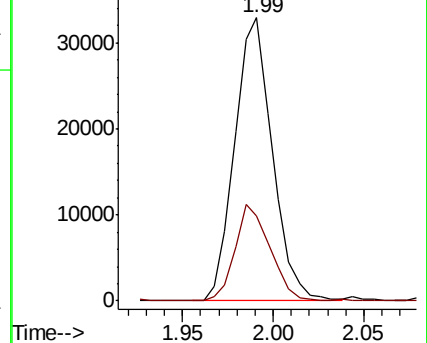
85 100

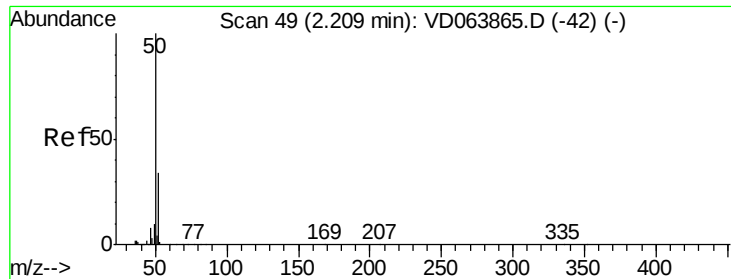
87 30.2 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 51.681 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 167205

Ion Ratio Lower Upper

50 100

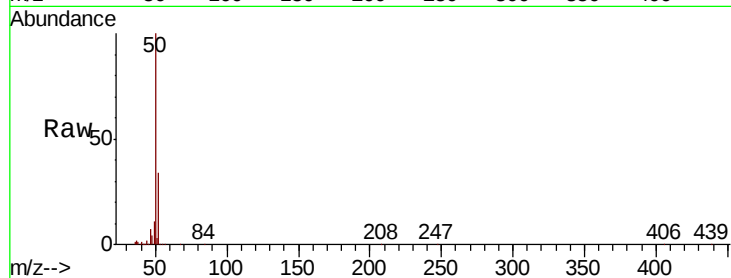
52 33.9 27.5 41.3

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

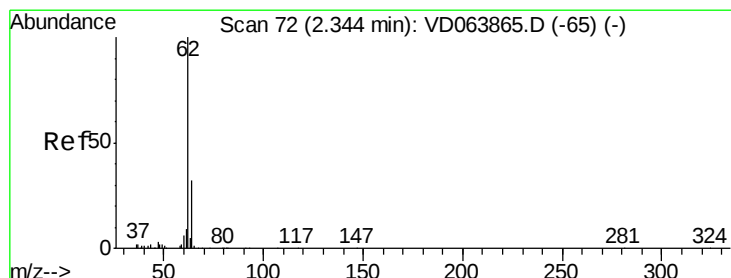
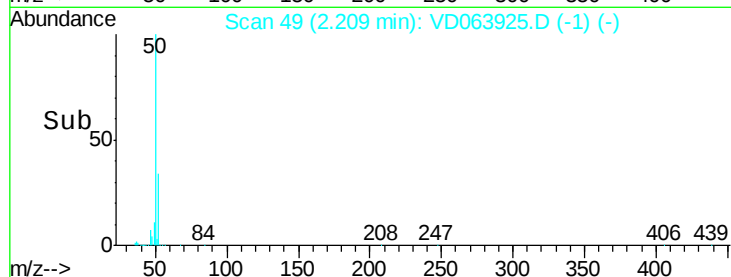
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.839 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD063925.D

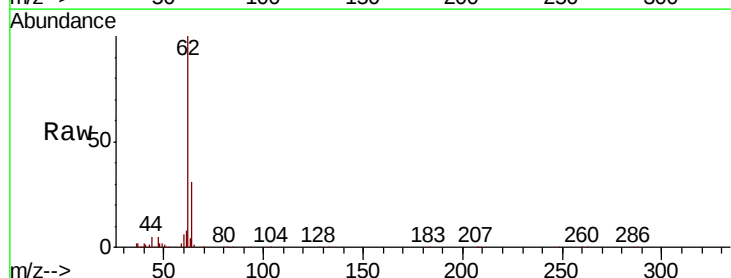
Acq: 10 Oct 2019 22:17

Tgt Ion: 62 Resp: 181838

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

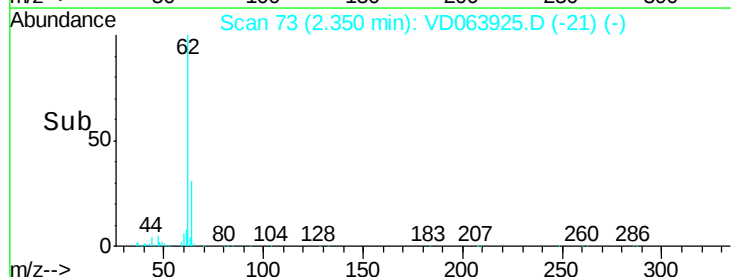
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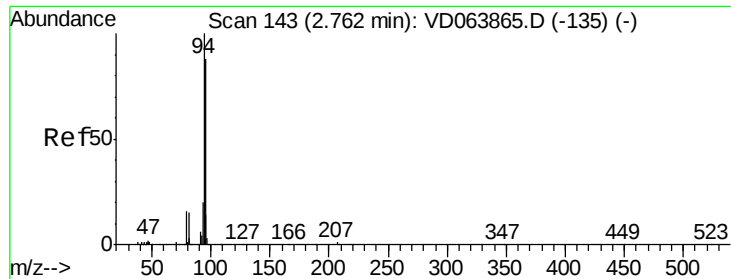
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50000

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Time-->





#5

Bromomethane

Concen: 48.995 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 122281

Ion Ratio Lower Upper

94 100

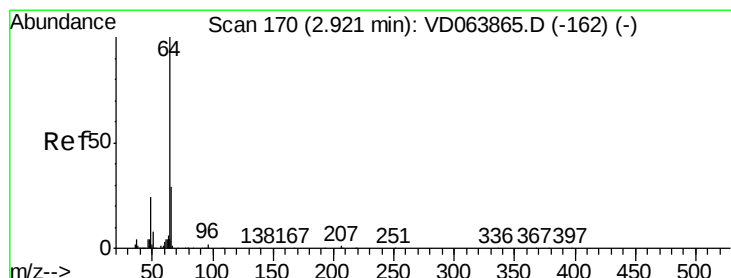
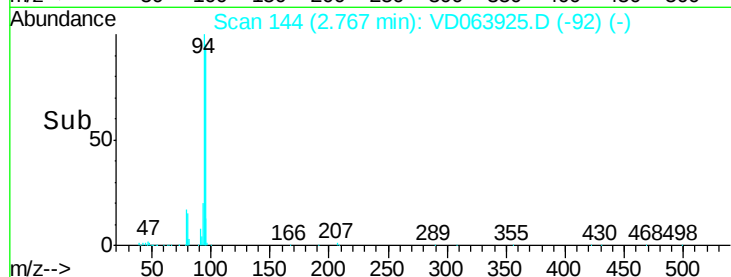
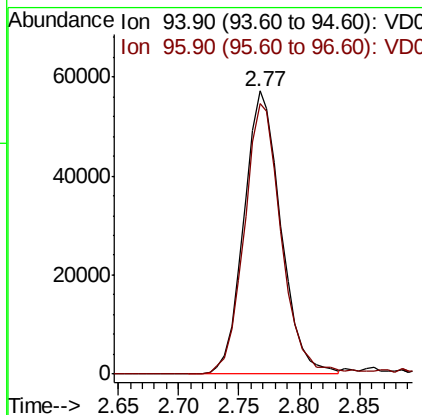
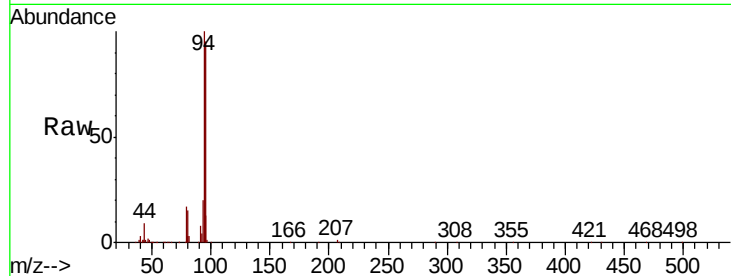
96 95.4 70.8 106.2

Manual Integrations

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#6

Chloroethane

Concen: 48.241 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063925.D

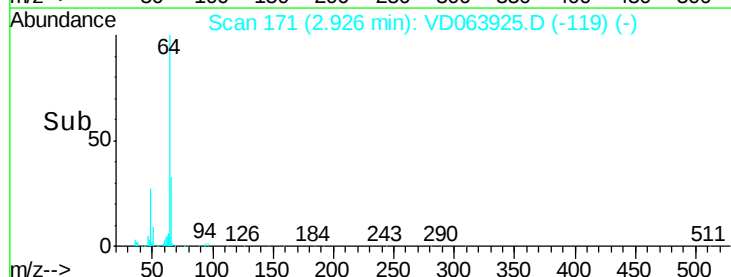
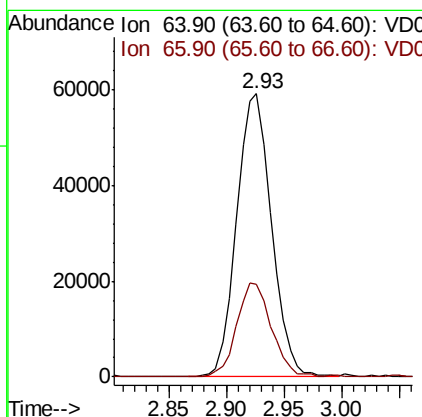
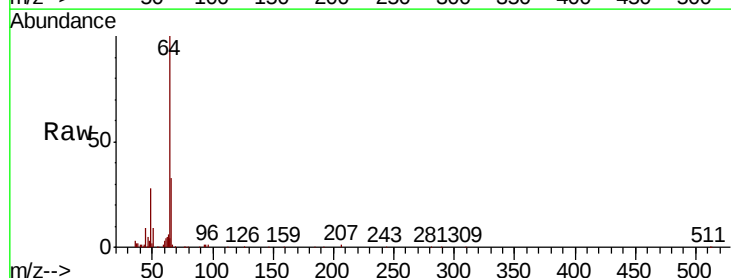
Acq: 10 Oct 2019 22:17

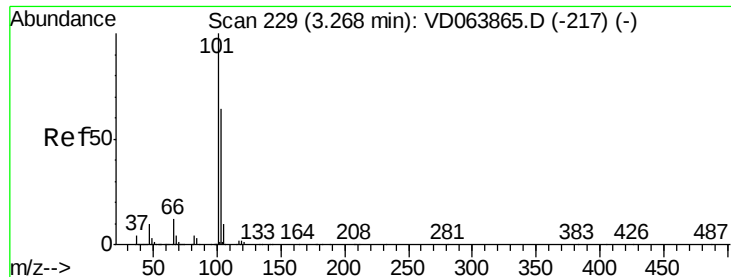
Tgt Ion: 64 Resp: 123854

Ion Ratio Lower Upper

64 100

66 32.7 23.0 34.4





#7

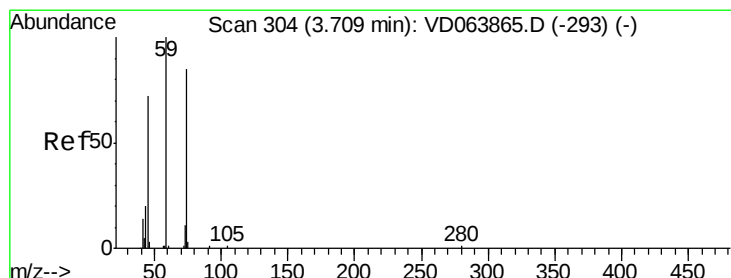
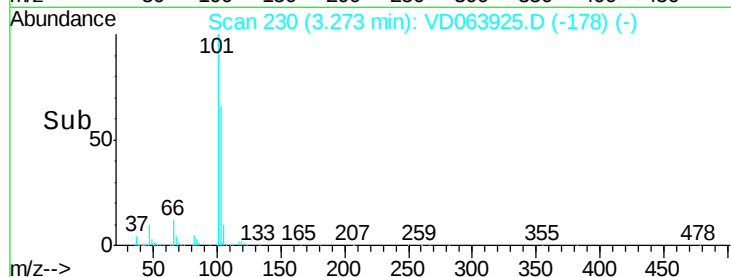
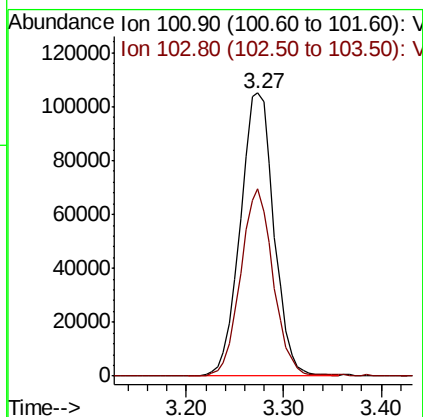
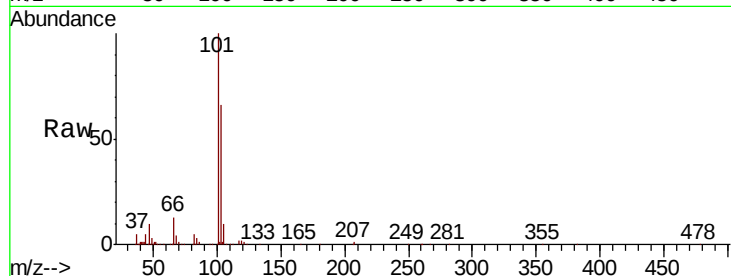
Trichlorofluoromethane
Concen: 49.374 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.1	76.7

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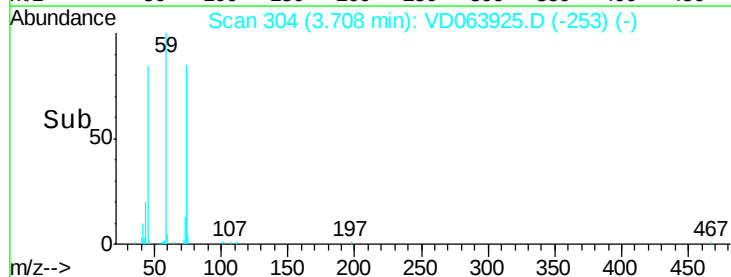
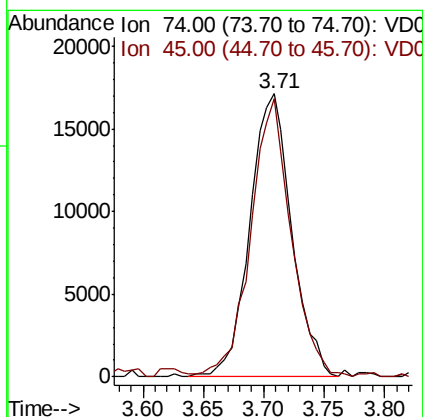
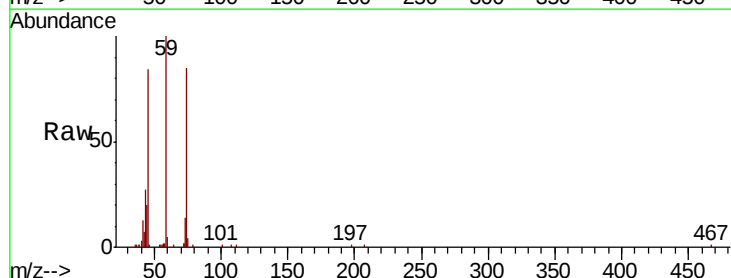
MMDadoda
10/11/2019 10:24:21 AM

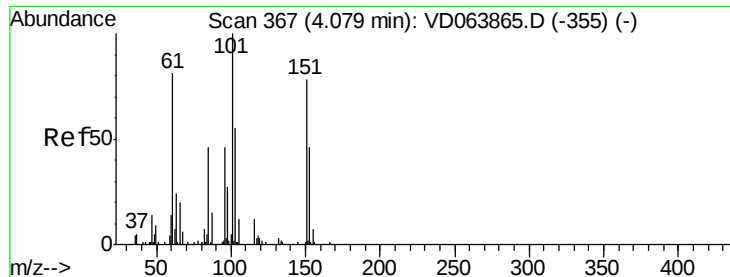


#8

Diethyl Ether
Concen: 50.342 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.1	144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.212 ug/l

RT: 4.08 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

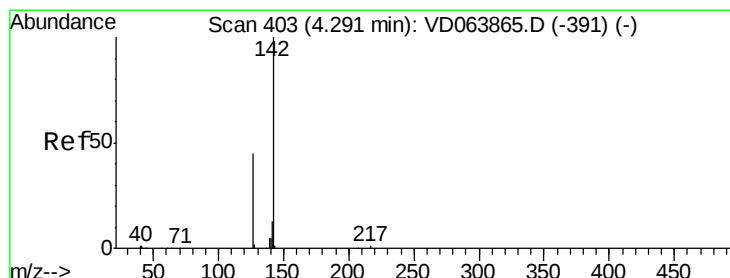
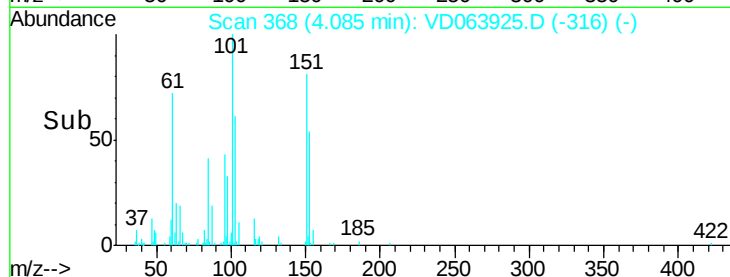
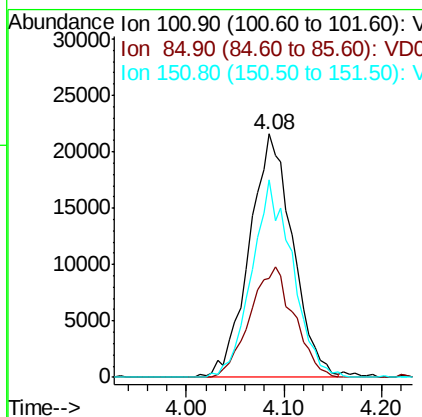
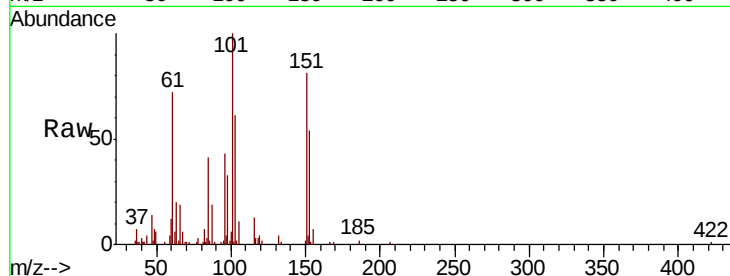
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	67079
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.5	56.3
151	76.1	65.5	98.3

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#10

Methyl Iodide

Concen: 46.603 ug/l

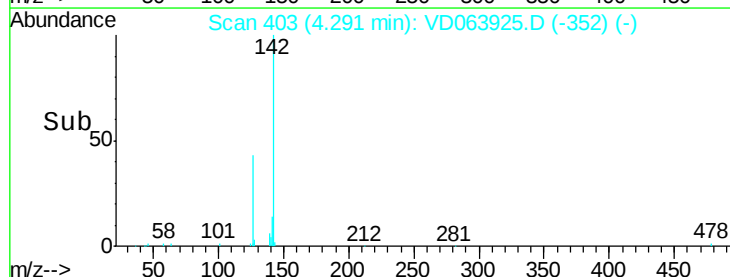
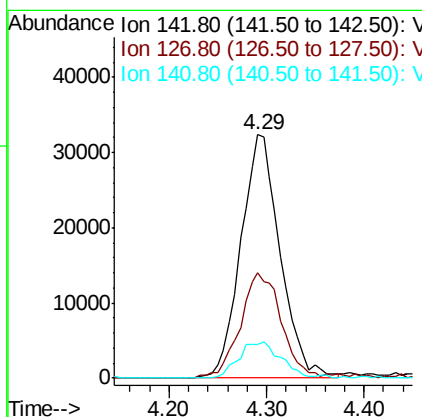
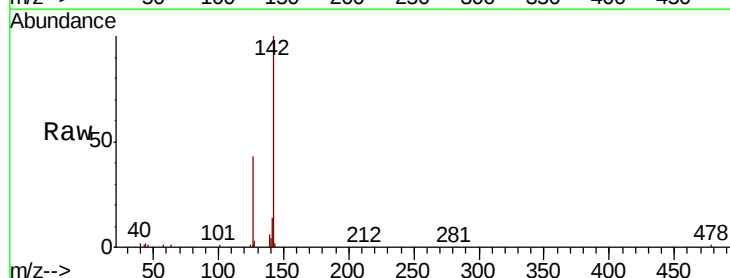
RT: 4.29 min Scan# 403

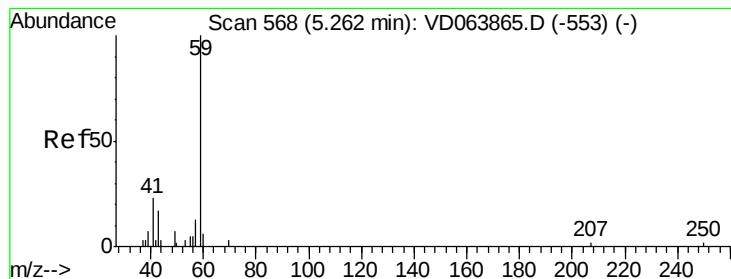
Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion:	142	Resp:	91237
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.3	52.9
141	15.8	12.2	18.2





#11

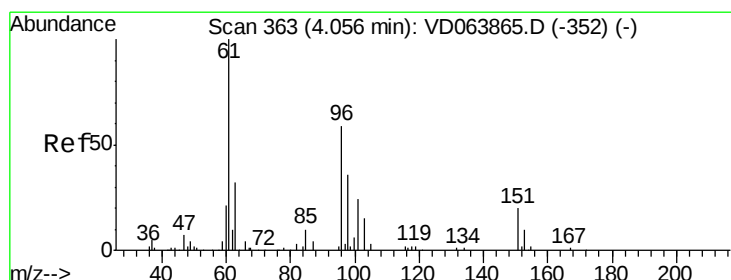
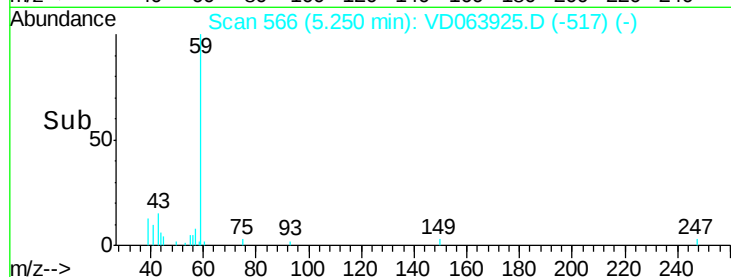
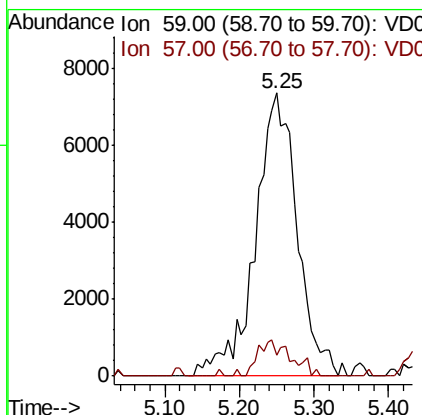
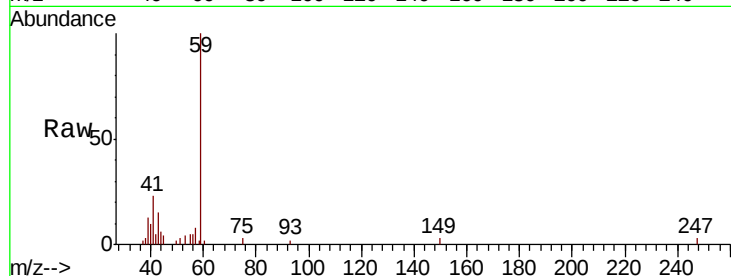
Tert butyl alcohol
 Concen: 250.429 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.8	13.2

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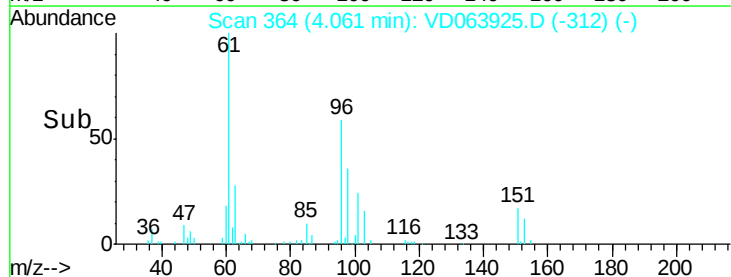
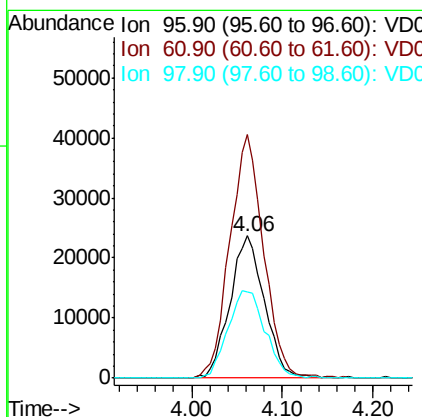
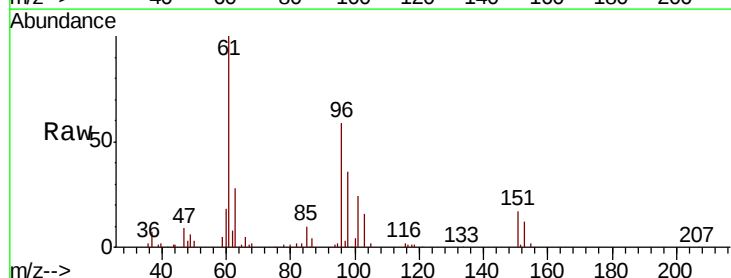
MMDadoda
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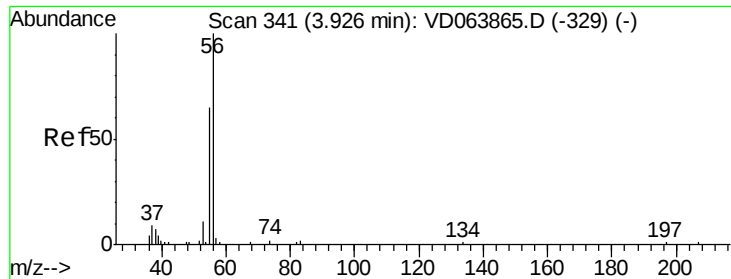


#12

1,1-Dichloroethene
 Concen: 44.111 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	135.6	203.4
98	60.8	49.2	73.8





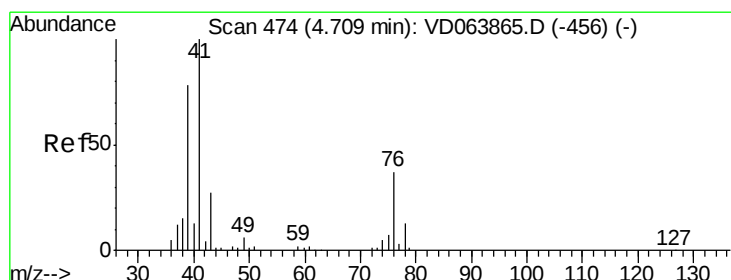
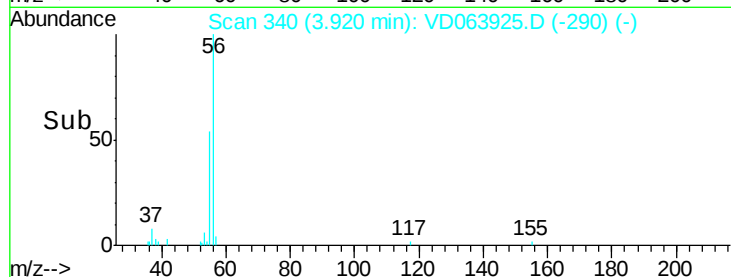
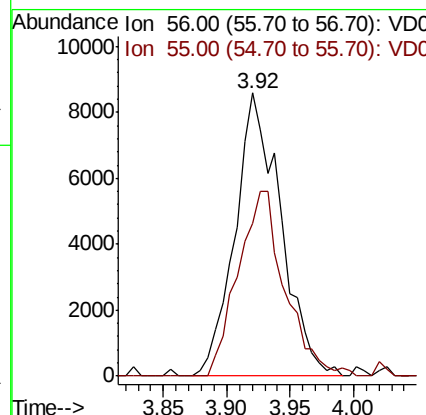
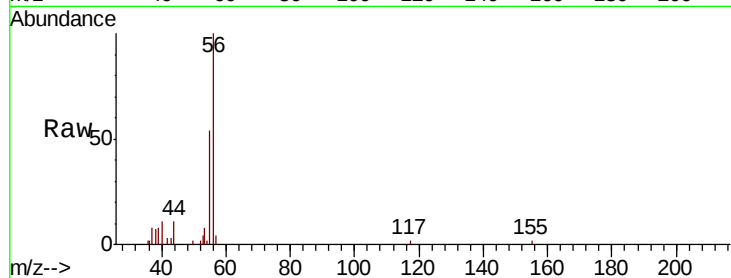
#13
Acrolein
Concen: 145.964 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	21497
Ion Ratio	100	Lower	Upper
55	67.3	53.0	79.6

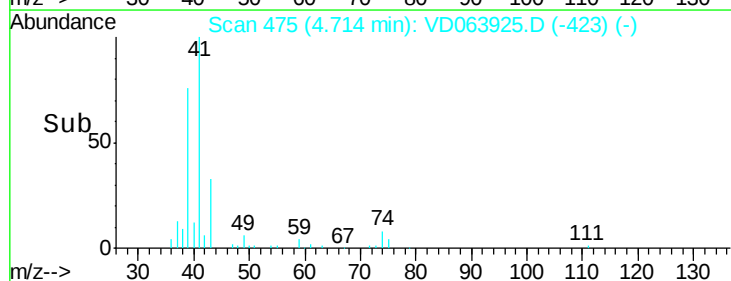
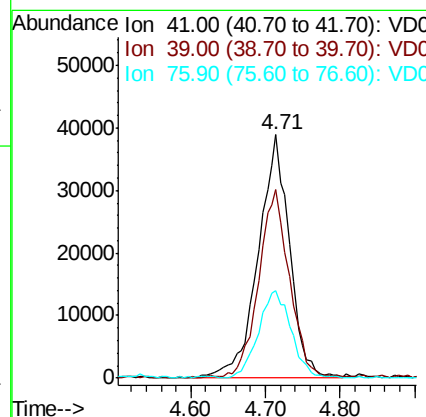
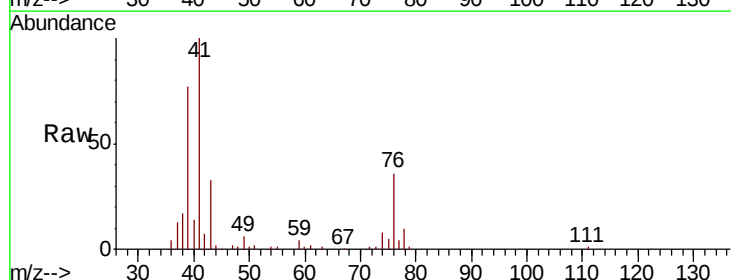
Manual Integrations
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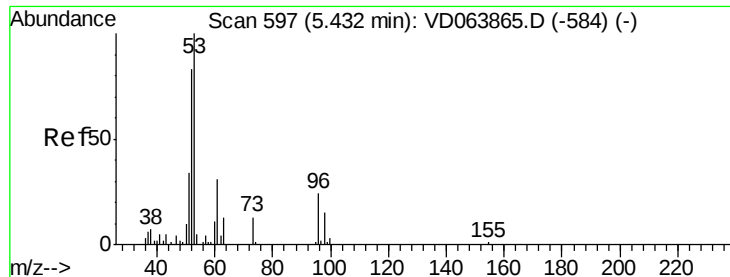
MMDadoda
10/11/2019 10:24:21 AM



#14
Allyl chloride
Concen: 48.015 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	41	Resp	113315
Ion Ratio	100	Lower	Upper
39	76.9	61.8	92.6
76	37.6	31.3	46.9





#15

Acrylonitrile

Concen: 265.155 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

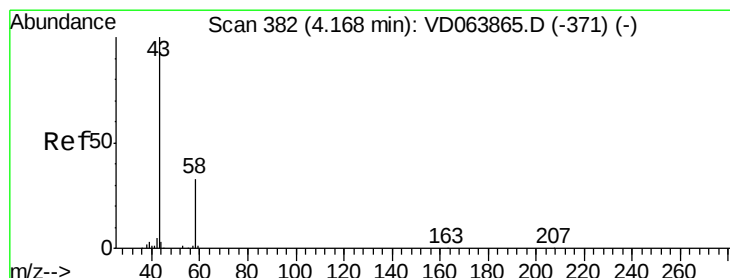
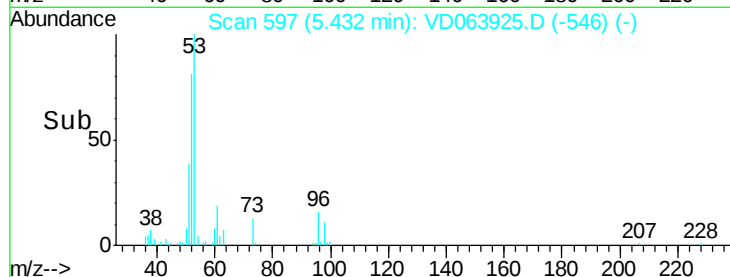
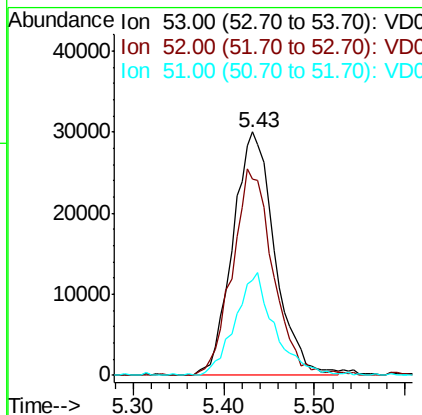
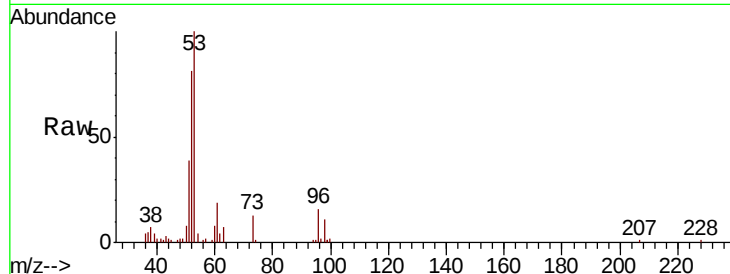
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	96310
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.3	100.9
51	39.7	30.5	45.7

Manual Integrations
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#16

Acetone

Concen: 210.038 ug/l

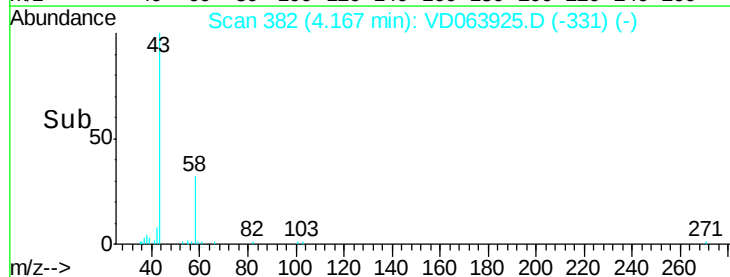
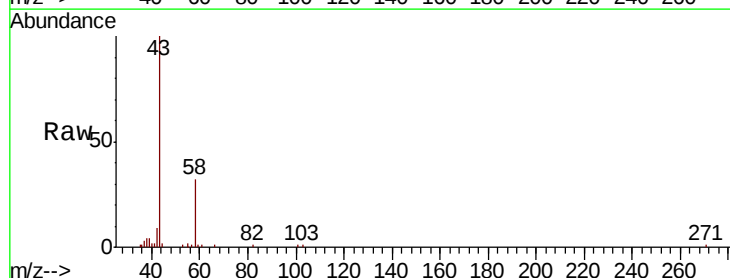
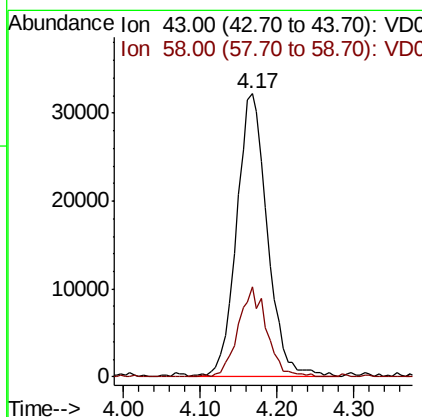
RT: 4.17 min Scan# 382

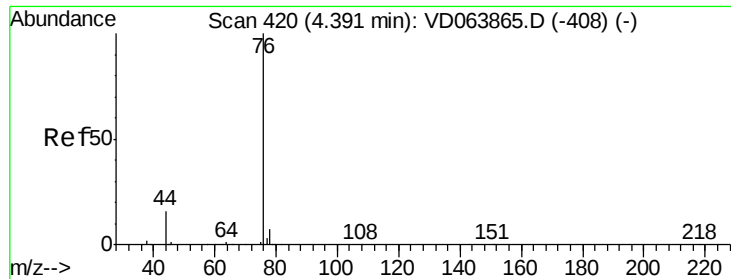
Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion:	43	Resp:	90173
Ion	Ratio	Lower	Upper
43	100		
58	32.0	26.2	39.4





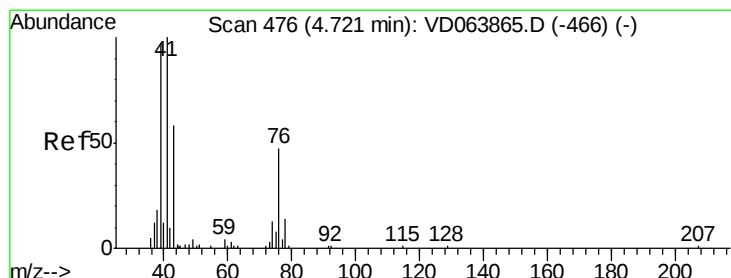
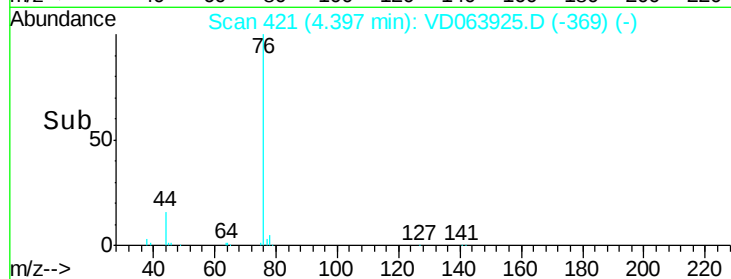
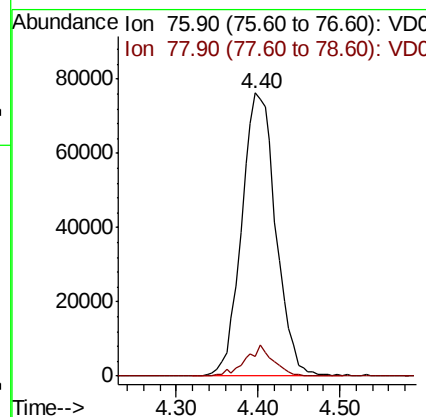
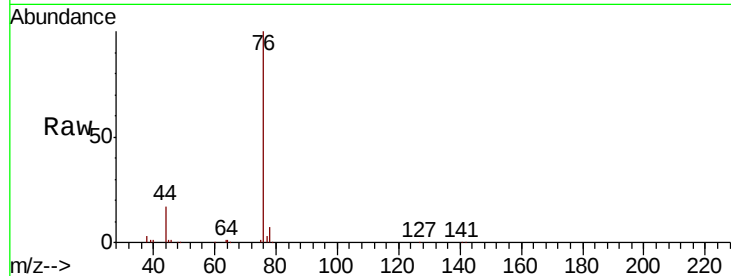
#17
Carbon Disulfide
Concen: 42.996 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.8	5.8	8.8

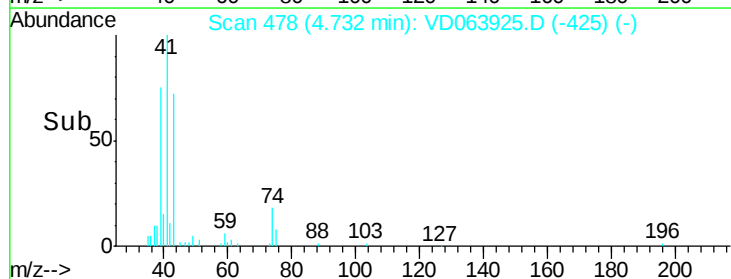
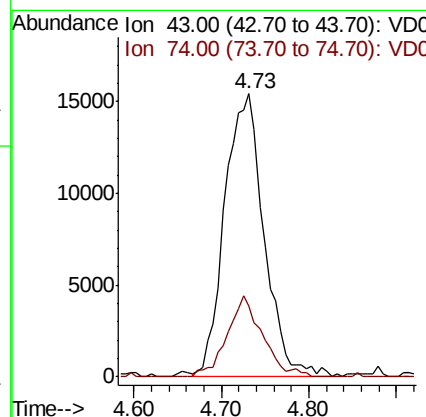
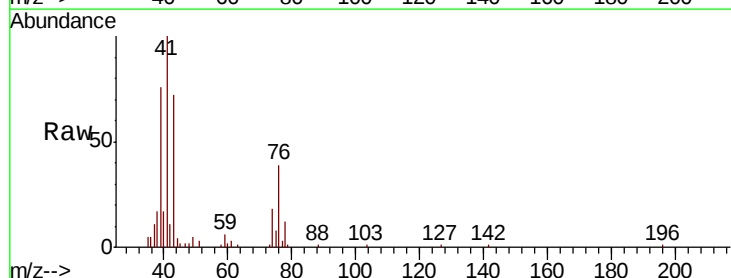
Manual Integrations
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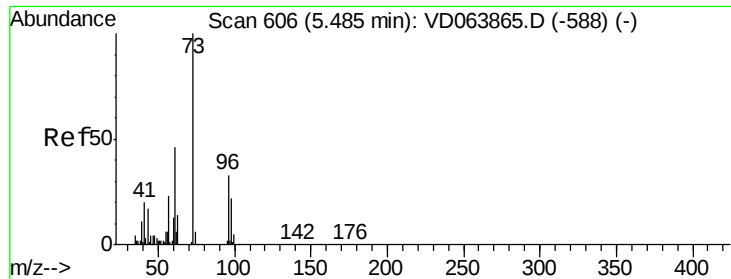
MMDadoda
10/11/2019 10:24:21 AM



#18
Methyl Acetate
Concen: 56.650 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.8	31.2





#19

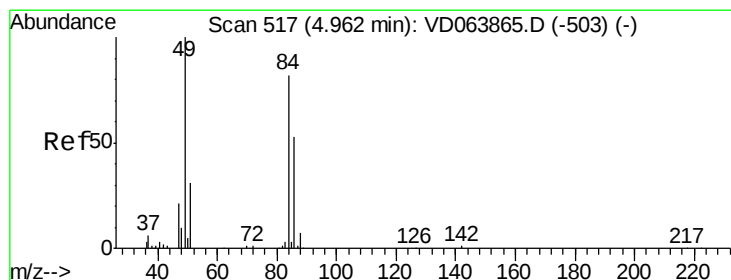
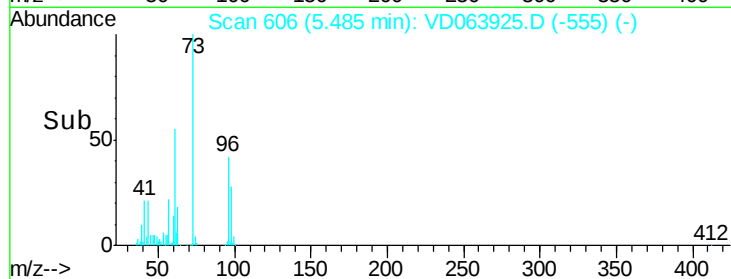
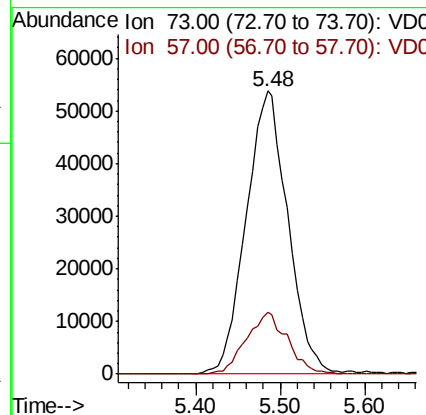
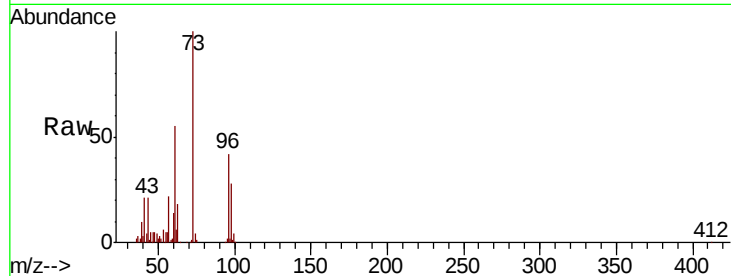
Methyl tert-butyl Ether
 Concen: 50.192 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.1	27.1

Manual Integrations
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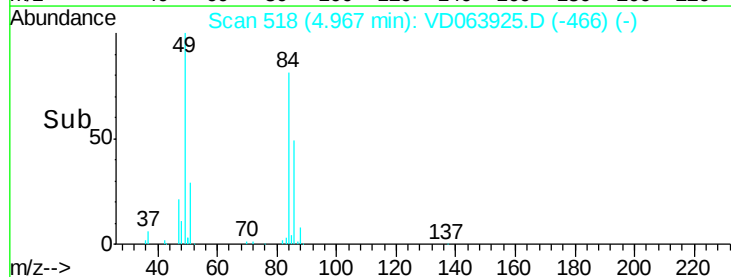
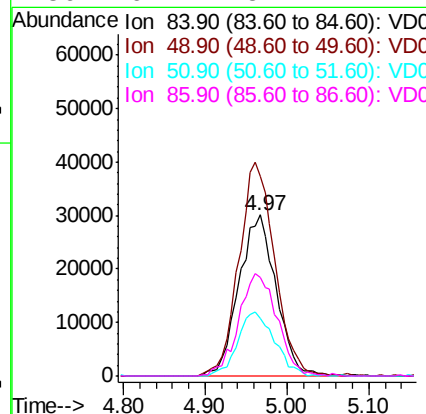
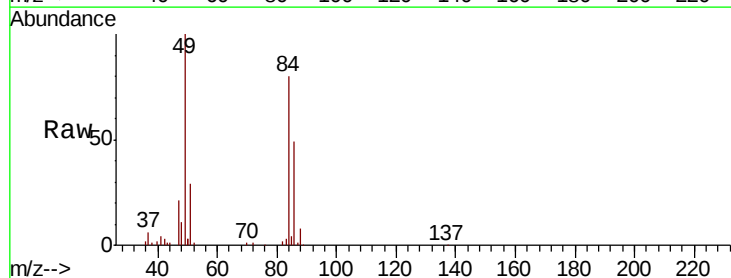
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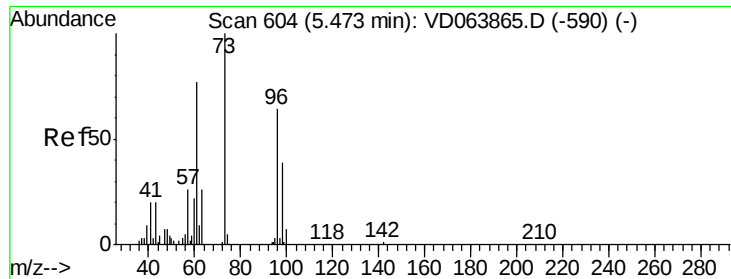


#20

Methylene Chloride
 Concen: 50.085 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	97.3	145.9
51	35.6	30.1	45.1
86	61.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 48.849 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

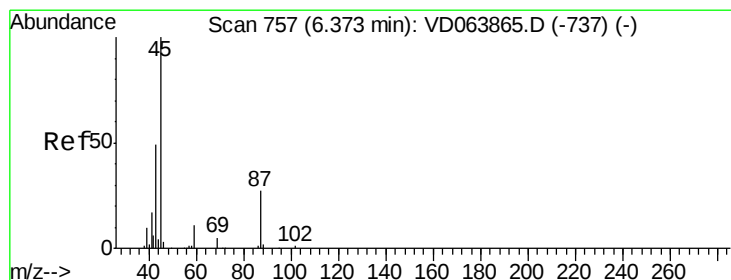
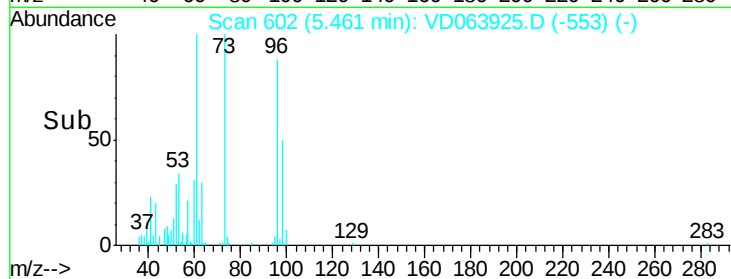
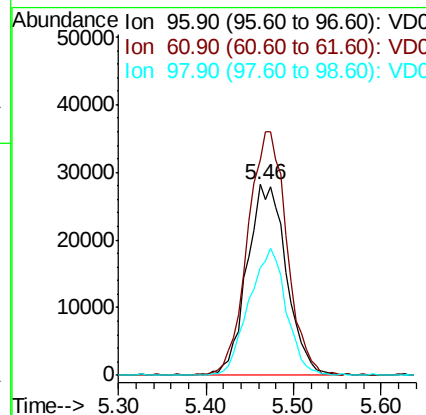
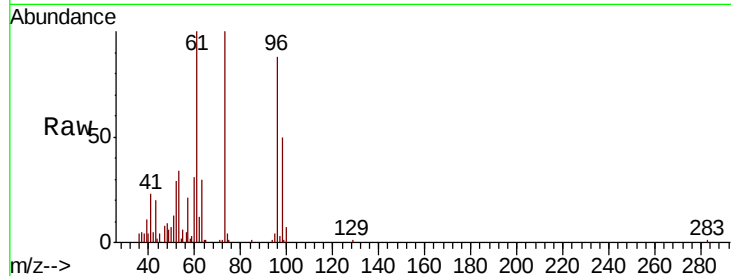
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	86321
Ion	Ratio	Lower	Upper
96	100		
61	113.0	96.6	145.0
98	56.4	48.7	73.1

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#22

Diisopropyl ether

Concen: 52.535 ug/l

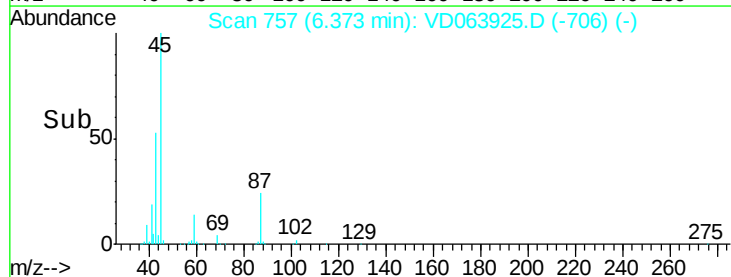
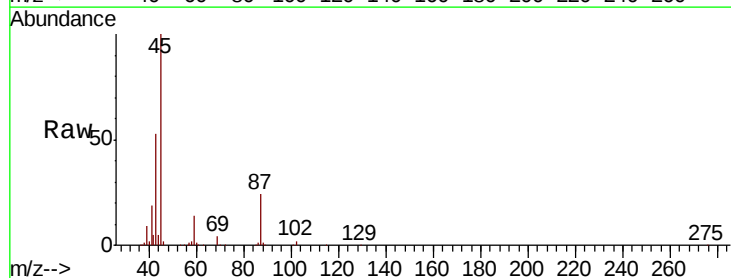
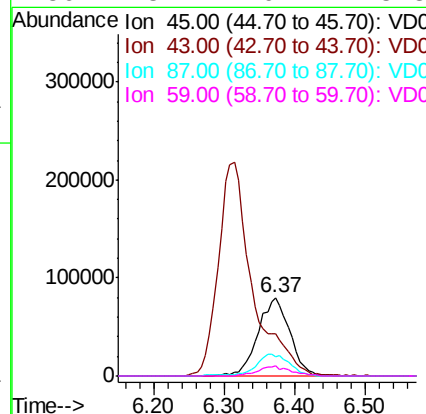
RT: 6.37 min Scan# 757

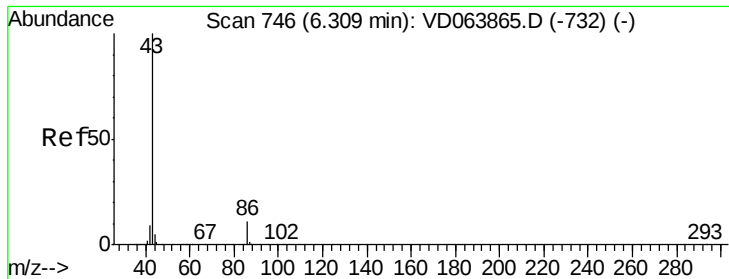
Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion:	45	Resp:	253211
Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.2	61.8
87	23.8	22.2	33.4
59	13.2	9.2	13.8





#23

Vinyl Acetate

Concen: 255.912 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 733766

Ion Ratio Lower Upper

43 100

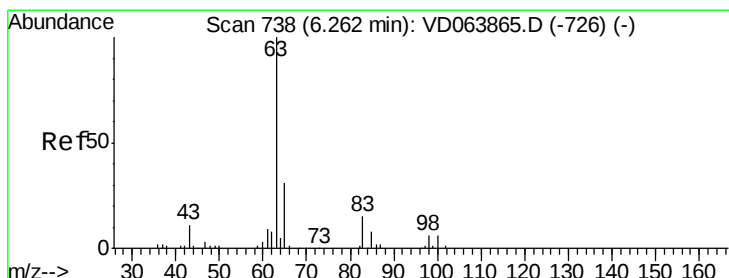
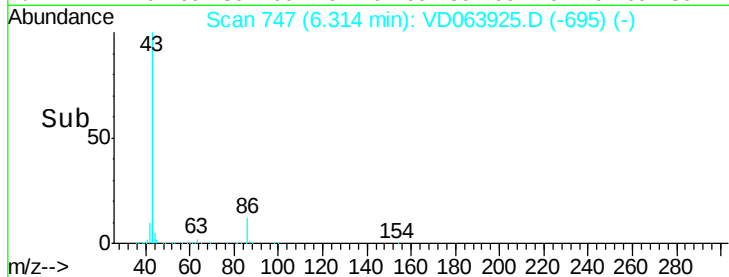
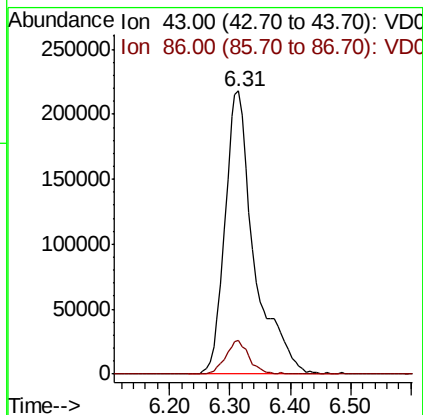
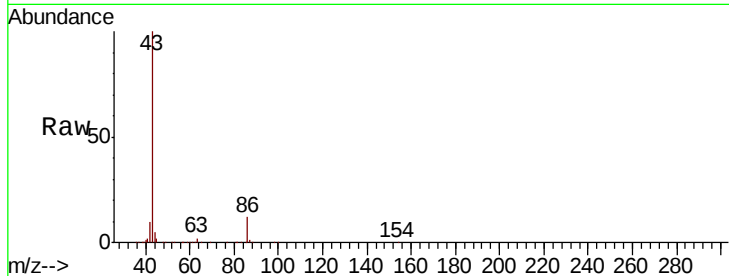
86 11.8 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.088 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

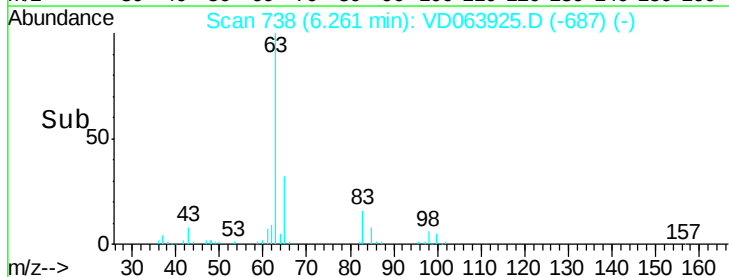
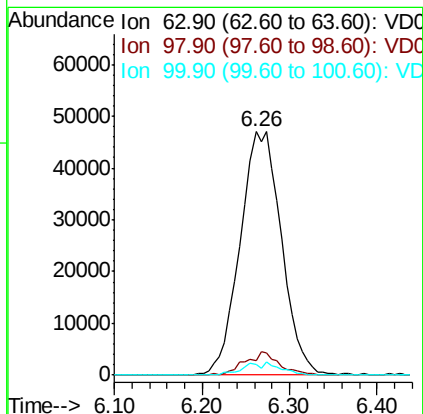
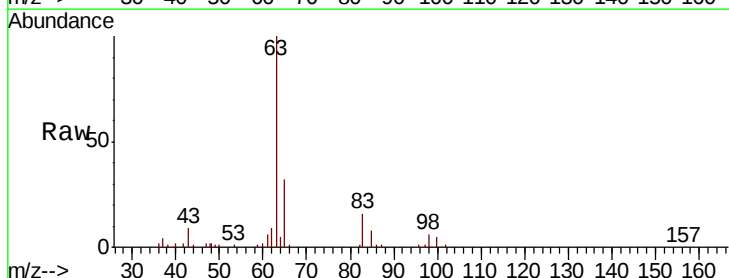
Tgt Ion: 63 Resp: 151671

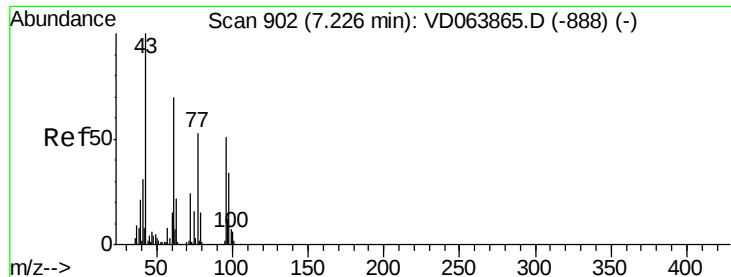
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.6 3.0 9.2





#25

2-Butanone

Concen: 236.832 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 120497

Ion Ratio Lower Upper

43 100

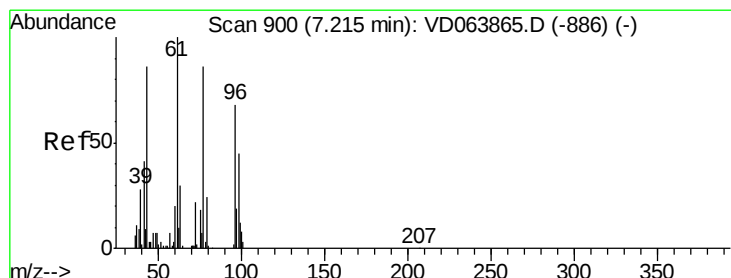
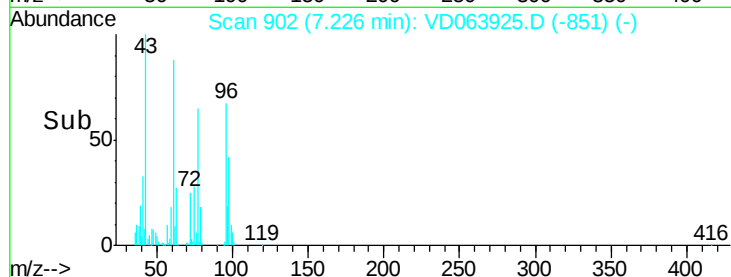
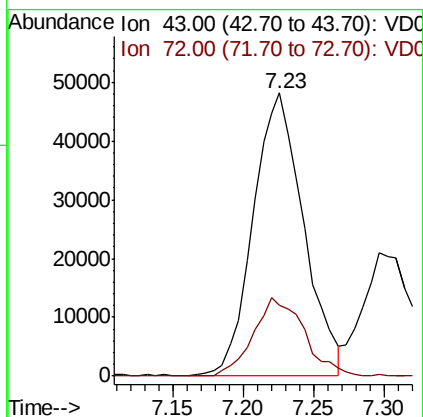
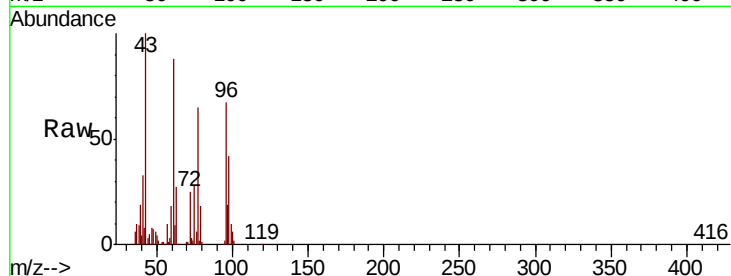
72 25.2 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.606 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD063925.D

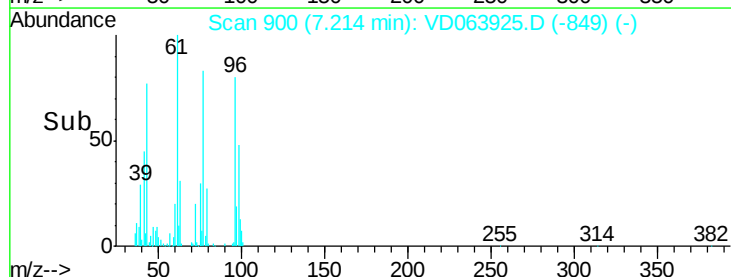
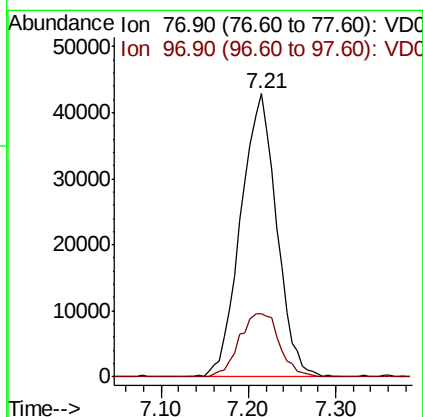
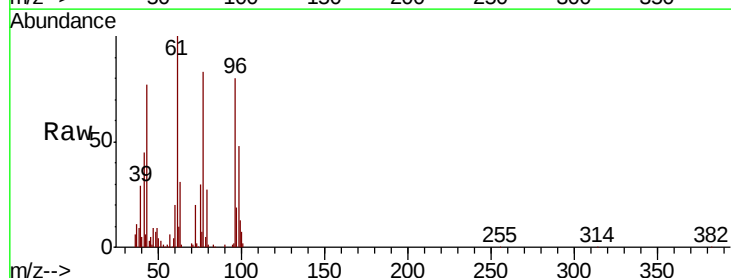
Acq: 10 Oct 2019 22:17

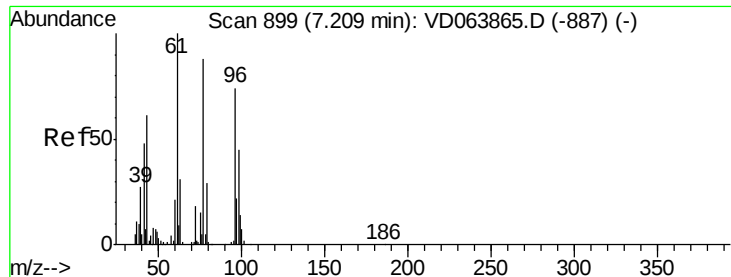
Tgt Ion: 77 Resp: 119794

Ion Ratio Lower Upper

77 100

97 24.9 11.4 34.1





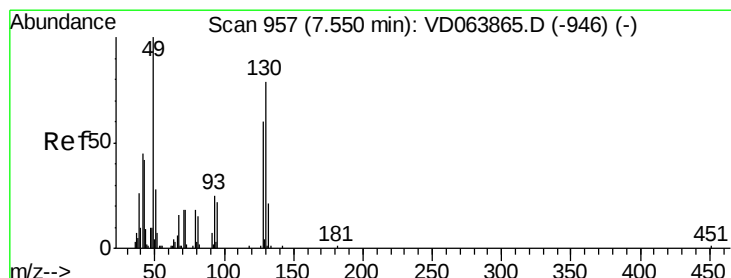
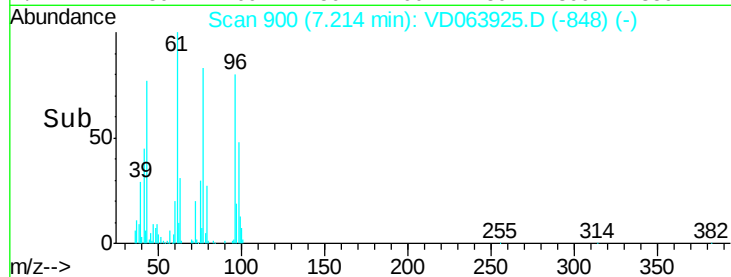
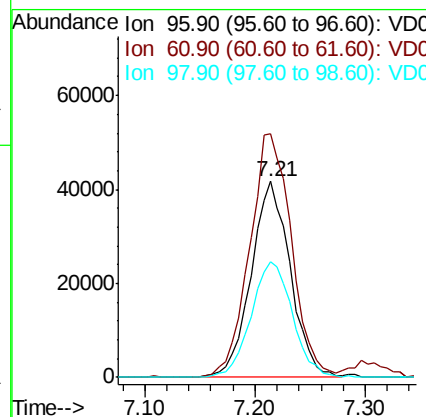
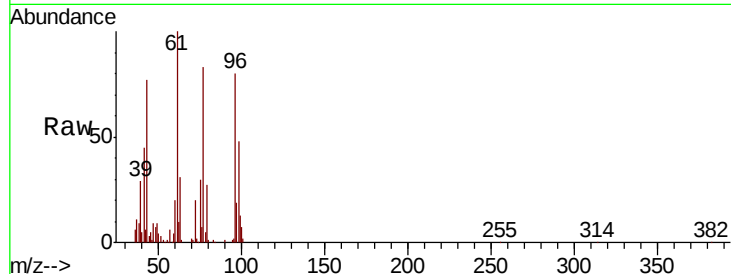
#27
 cis-1,2-Dichloroethene
 Concen: 51.785 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.9	0.0	280.0	
98	62.2	0.0	130.4	

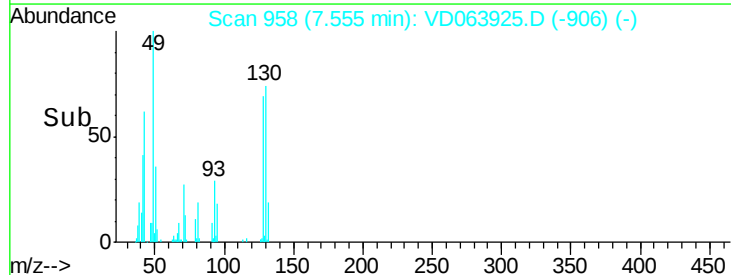
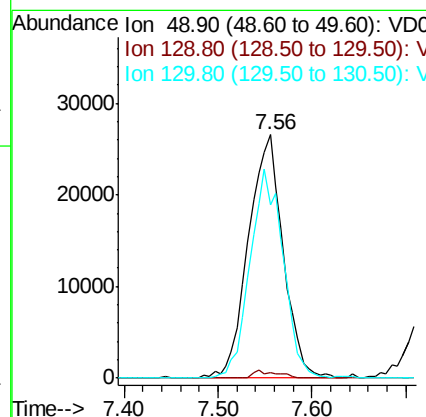
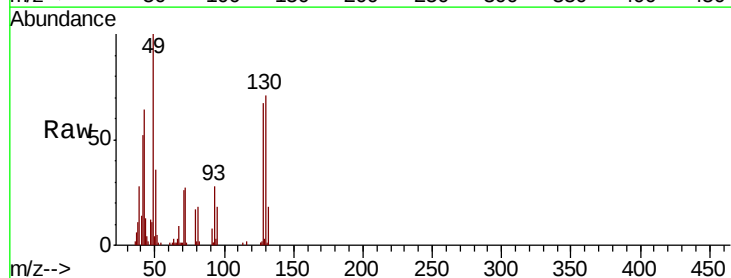
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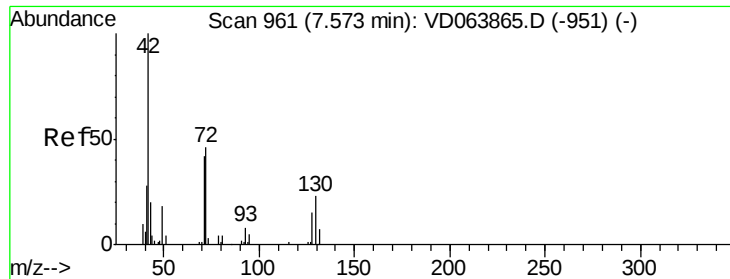
MMDadoda
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#28
 Bromochloromethane
 Concen: 59.825 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.6	
130	81.9	66.8	100.2	





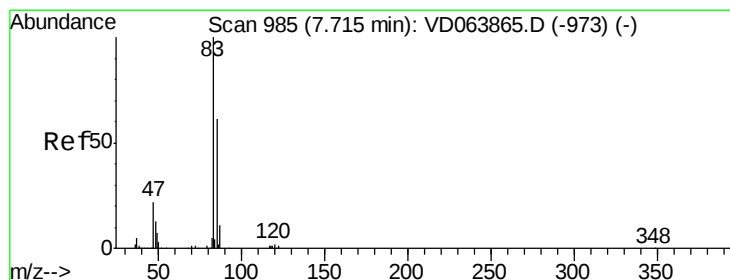
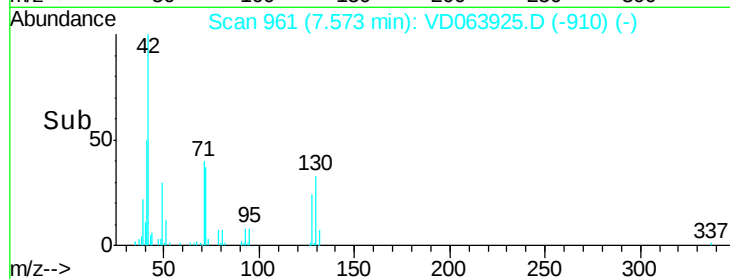
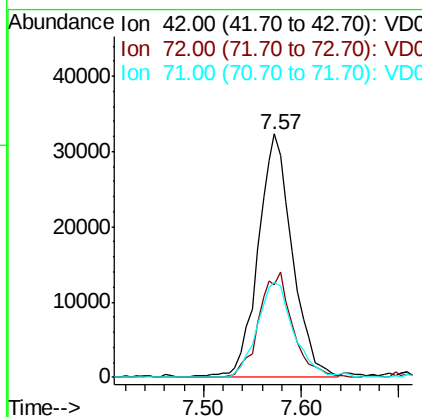
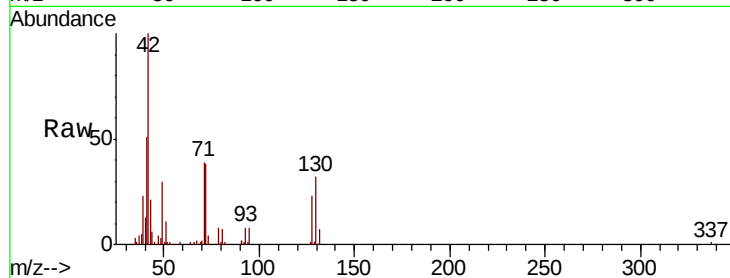
#29
Tetrahydrofuran
Concen: 266.505 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.6	56.4
71	41.4	35.0	52.6

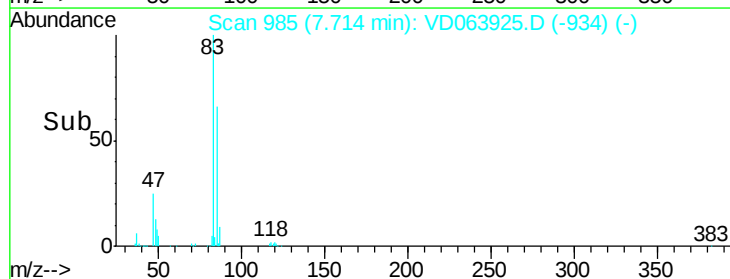
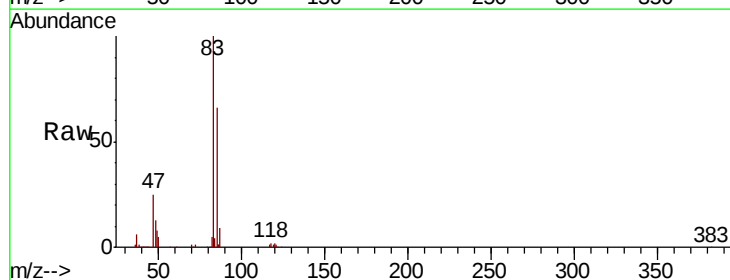
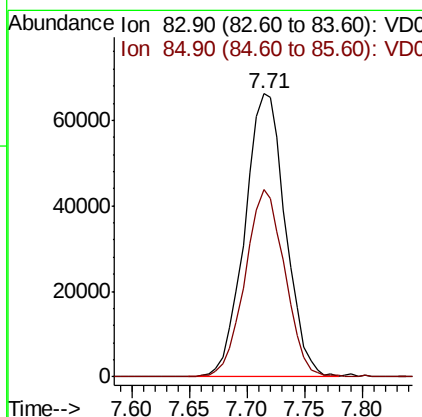
Manual Integrations
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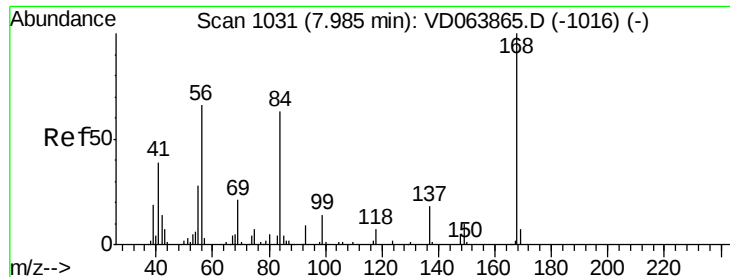
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#30
Chloroform
Concen: 50.404 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	48.9	73.3





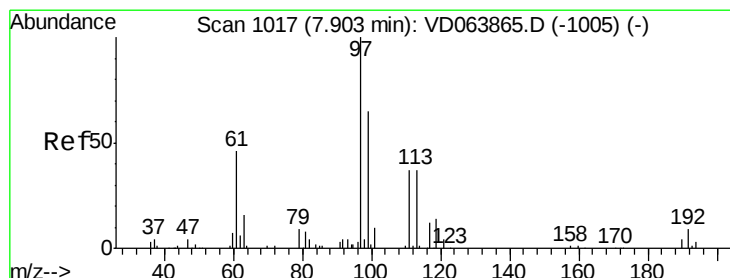
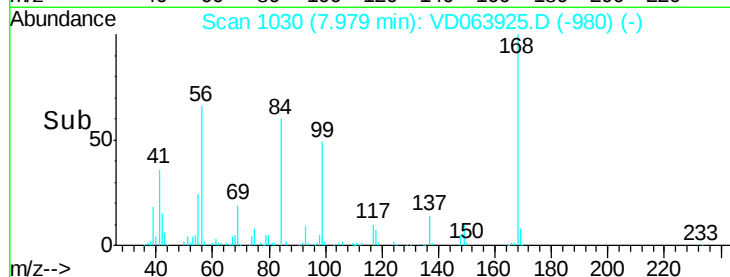
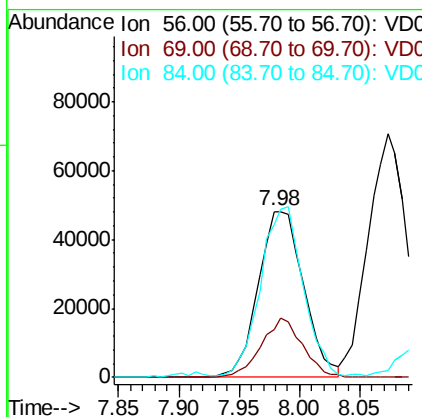
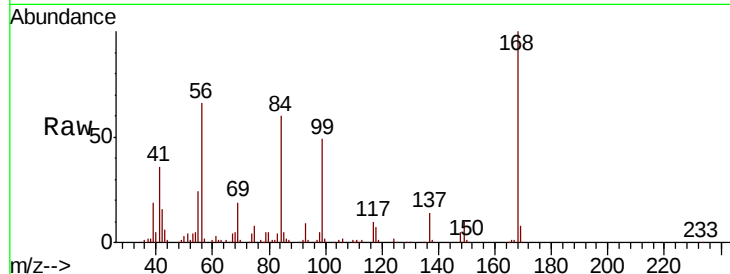
#31
Cyclohexane
Concen: 51.307 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.0	37.4
84	90.3	76.3	114.5

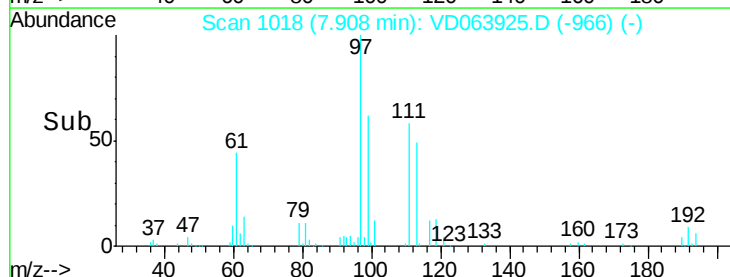
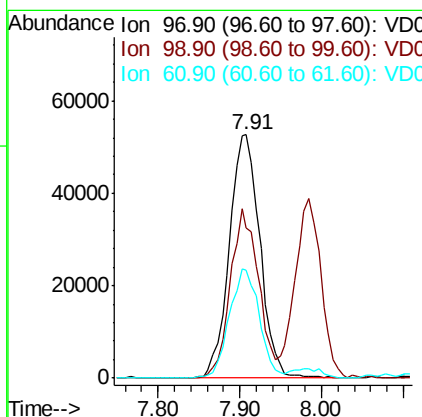
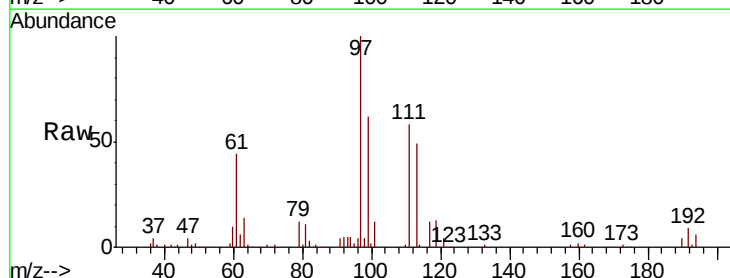
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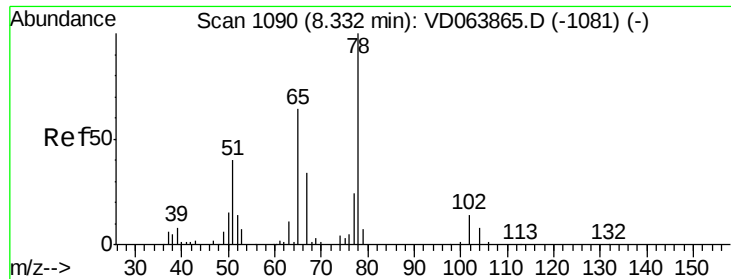
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#32
1,1,1-Trichloroethane
Concen: 49.520 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	43.8	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 53.534 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 88276

Ion Ratio Lower Upper

65 100

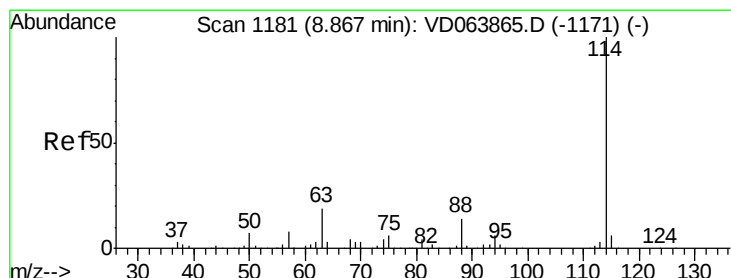
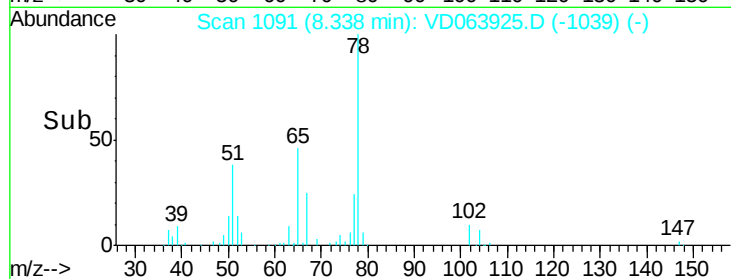
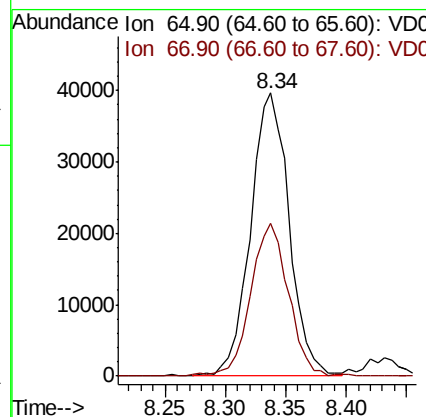
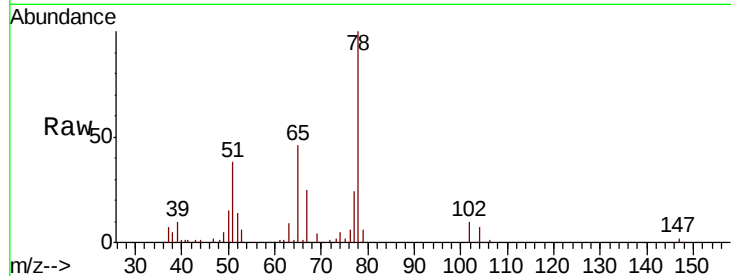
67 53.0 0.0 106.4

Manual Integrations

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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: VD063925.D

Acq: 10 Oct 2019 22:17

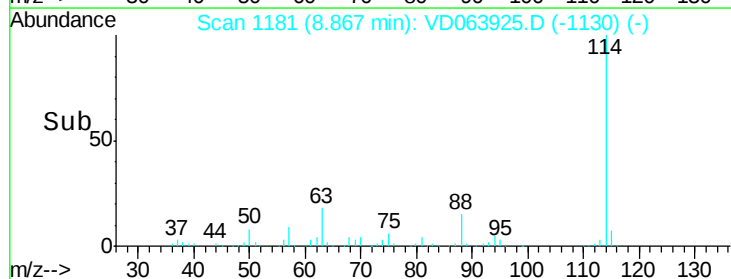
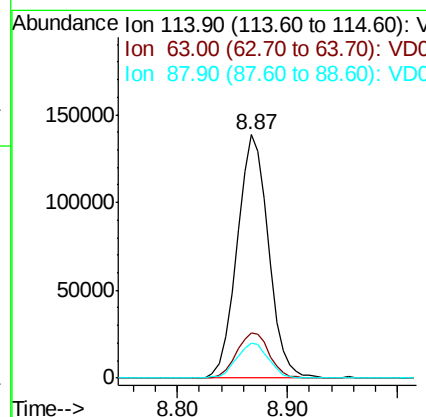
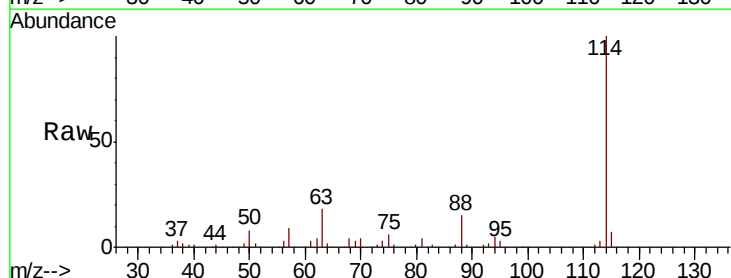
Tgt Ion: 114 Resp: 277365

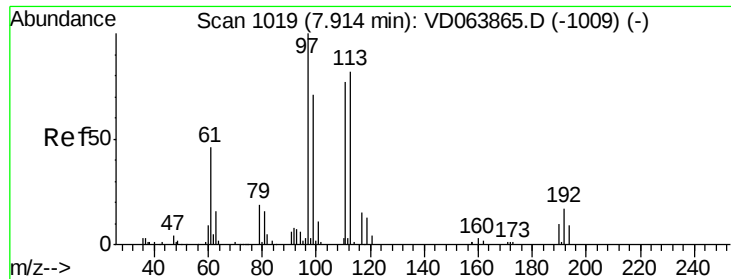
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.5 0.0 27.4





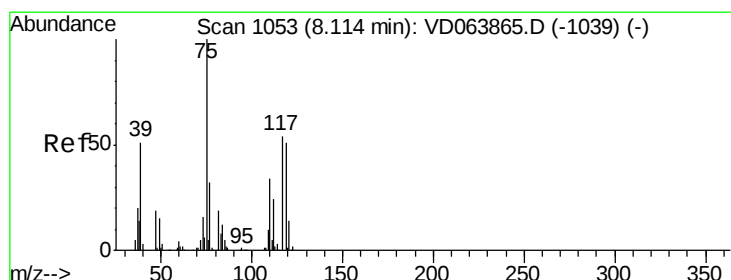
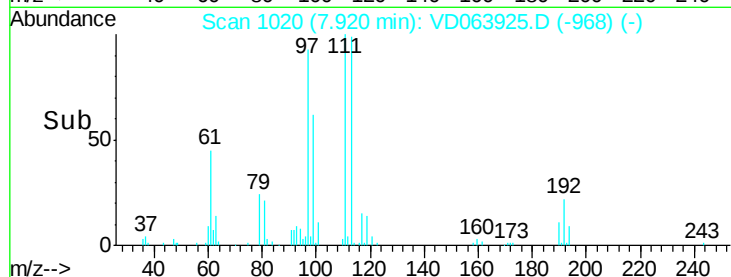
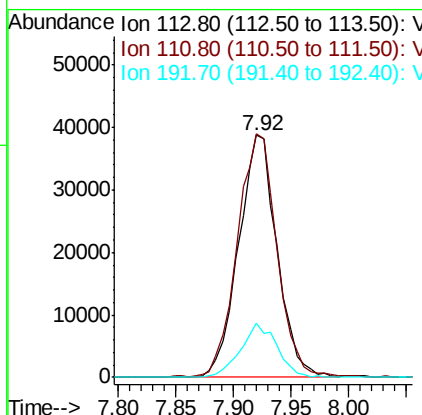
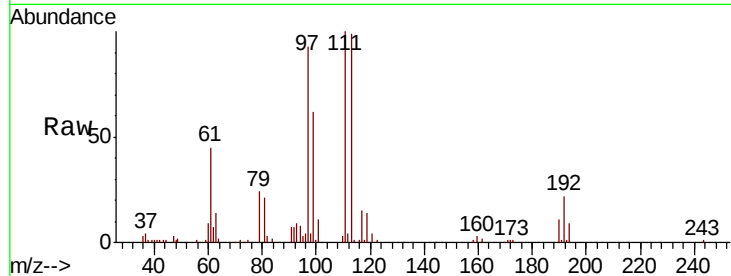
#35
 Dibromofluoromethane
 Concen: 52.905 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	21.1	17.1	25.7

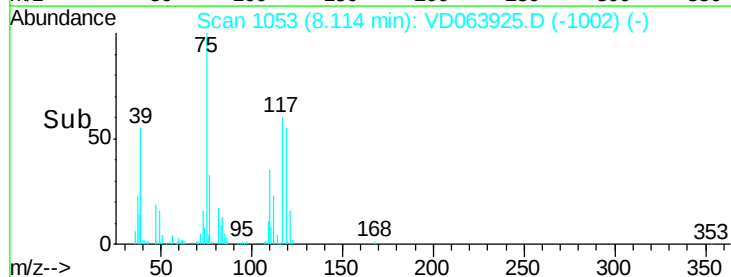
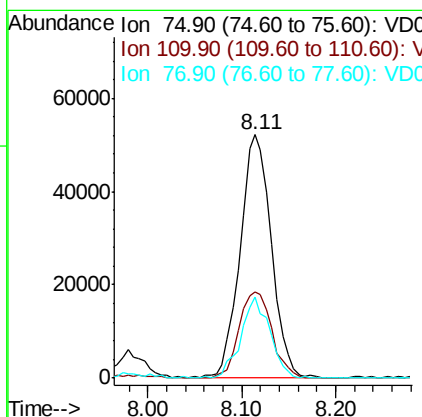
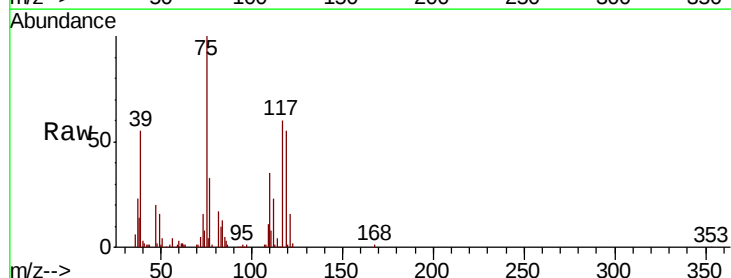
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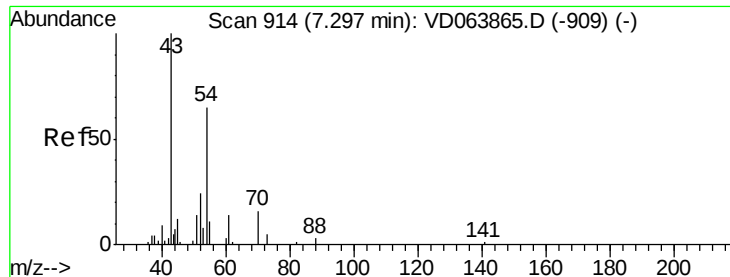
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#36
 1,1-Dichloropropene
 Concen: 47.469 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.4	52.3
77	31.2	25.4	38.0





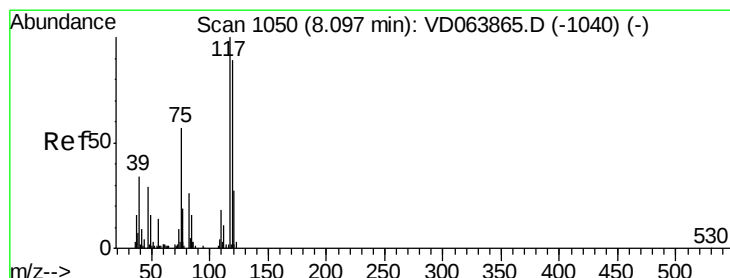
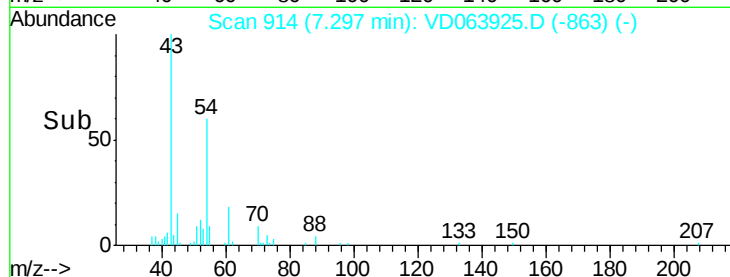
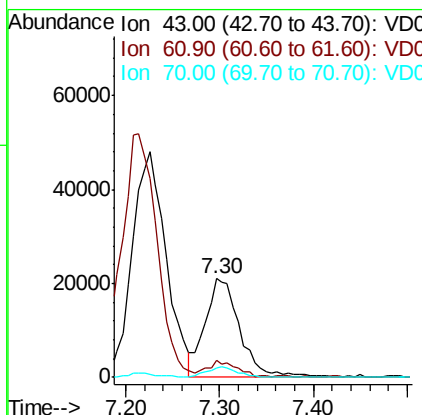
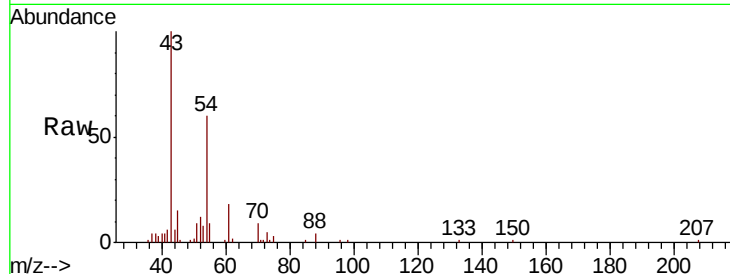
#37
Ethyl Acetate
Concen: 53.815 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	9.6	8.2	12.4

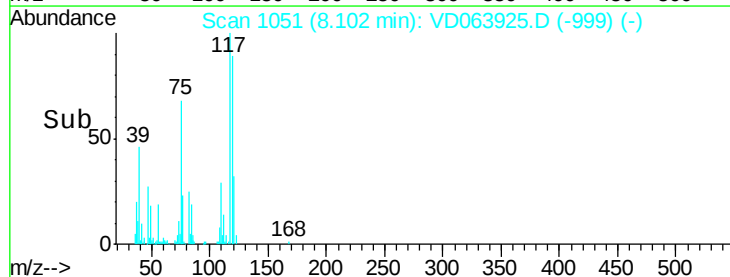
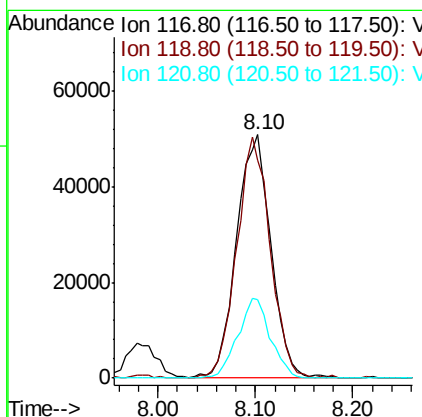
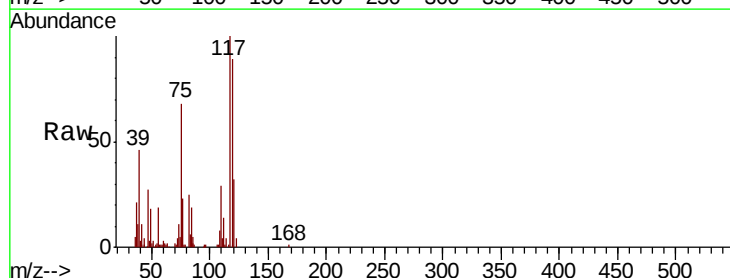
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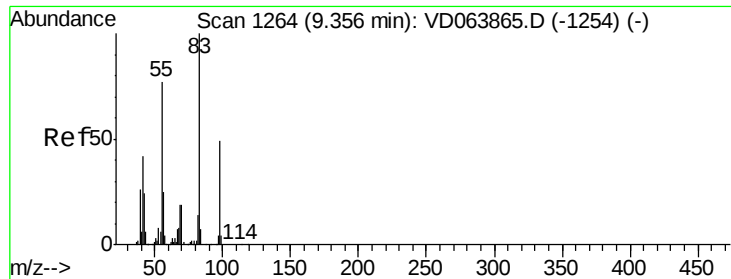
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#38
Carbon Tetrachloride
Concen: 48.738 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	70.8	106.2
121	32.2	21.4	32.0#





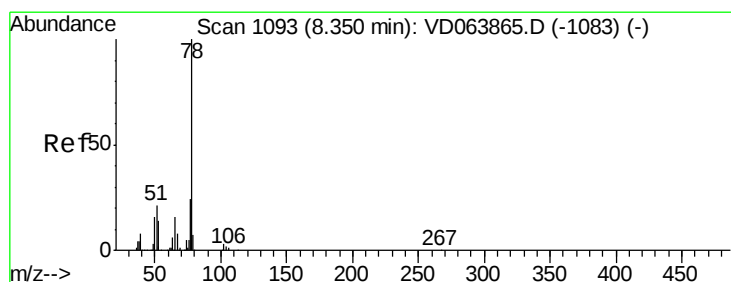
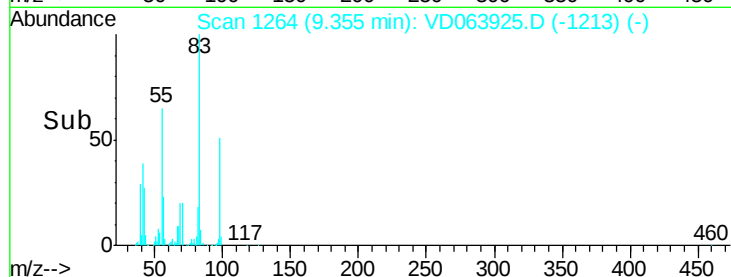
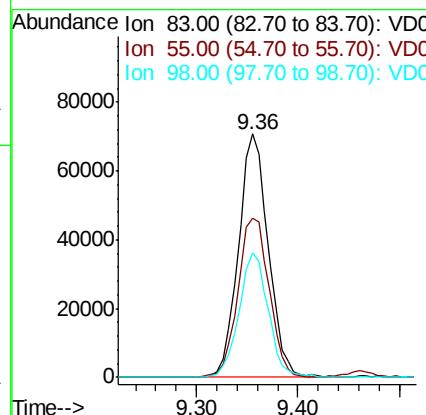
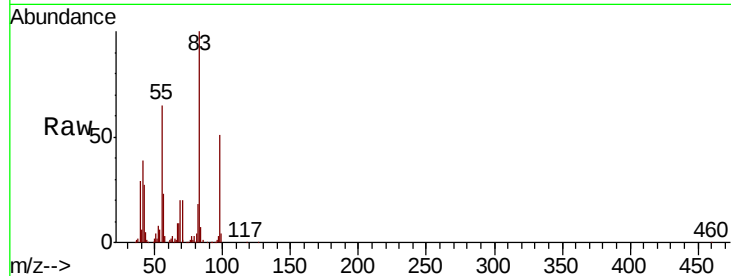
#39
Methvlcvclohexane
Concen: 46.235 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.3	61.3	91.9
98	51.0	39.3	58.9

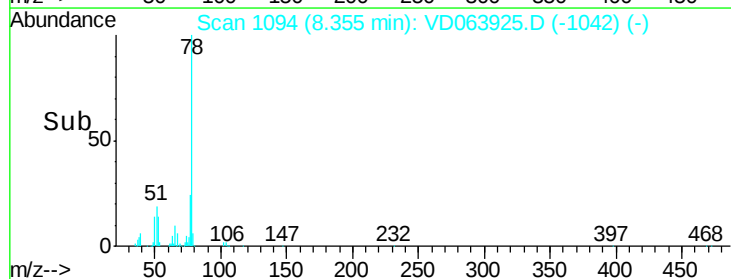
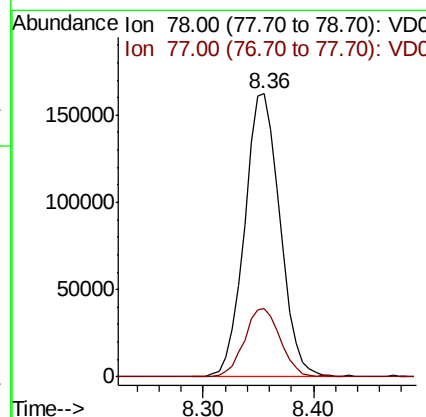
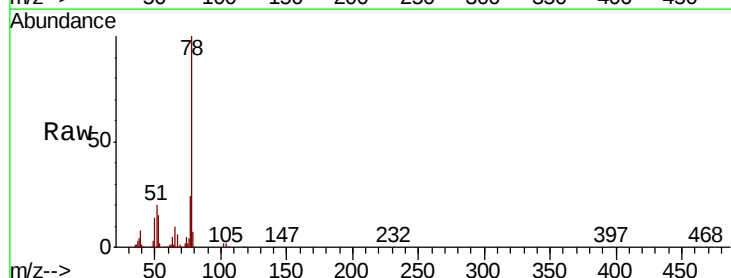
Manual Integrations
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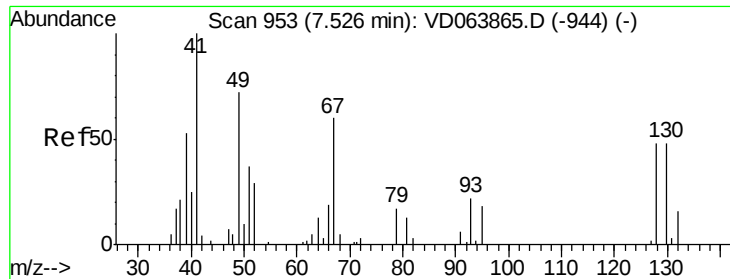
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#40
Benzene
Concen: 50.269 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





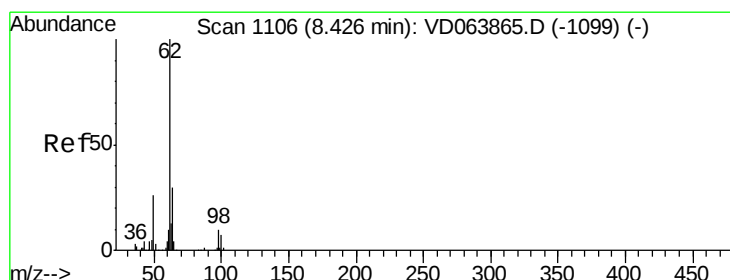
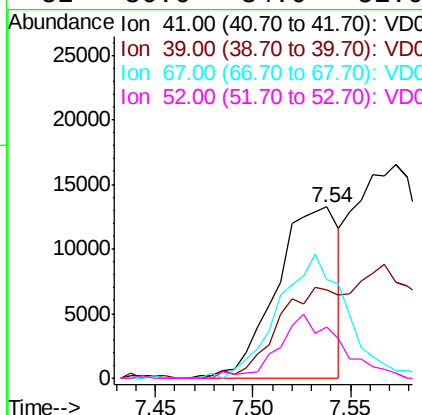
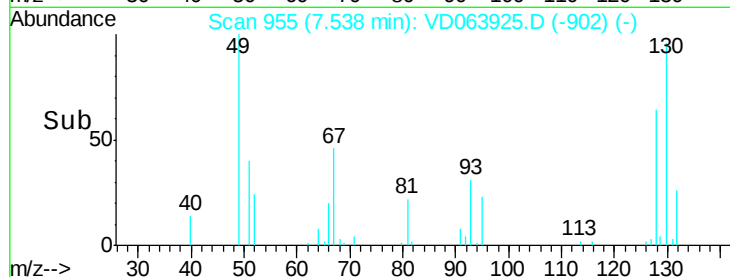
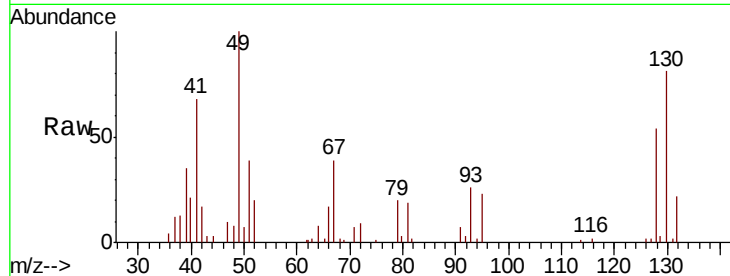
#41
Methacrylonitrile
Concen: 49.794 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	52.6	78.8#
67	80.5	74.2	111.2
52	36.6	34.0	51.0

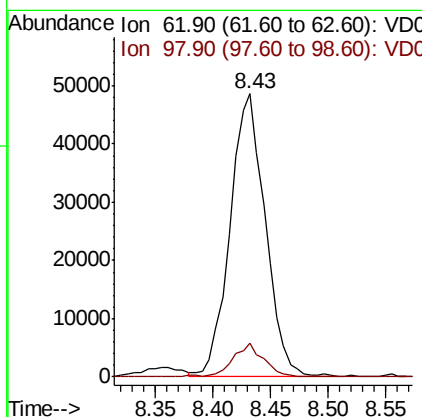
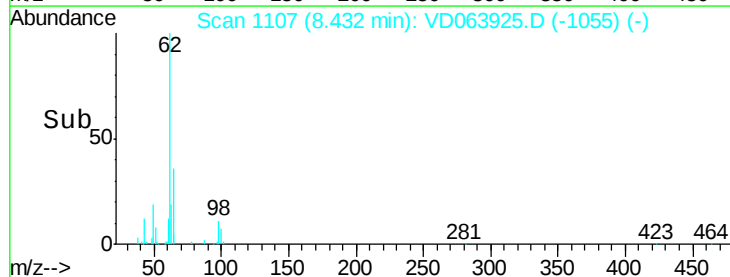
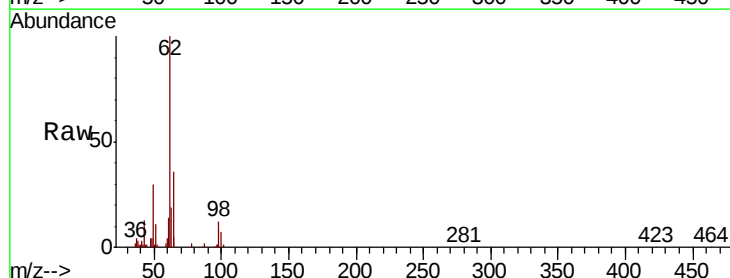
Manual Integrations
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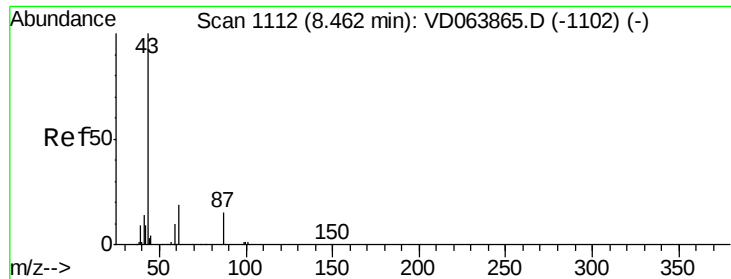
MMDadoda
10/11/2019 10:24:21 AM



#42
1,2-Dichloroethane
Concen: 49.103 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0





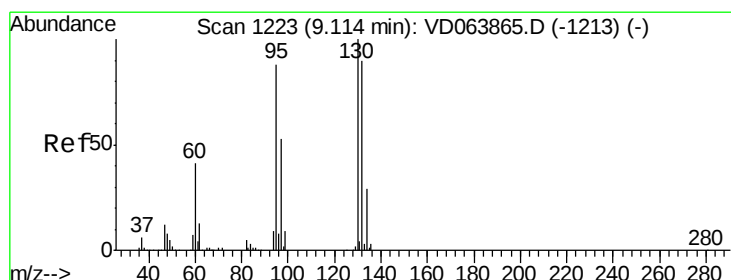
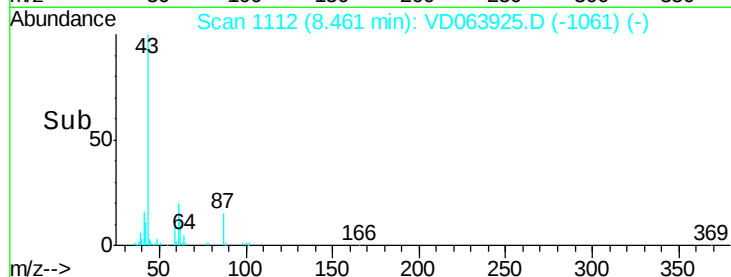
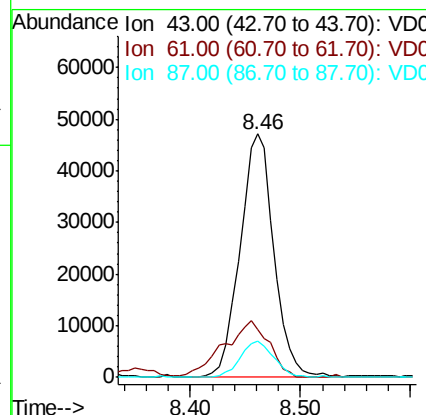
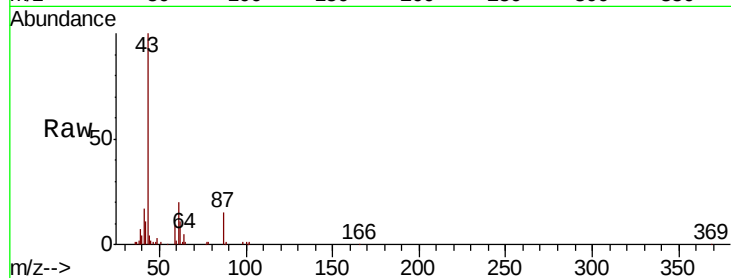
#43
Isopropyl Acetate
Concen: 47.819 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.7	38.5
87	14.9	11.6	17.4

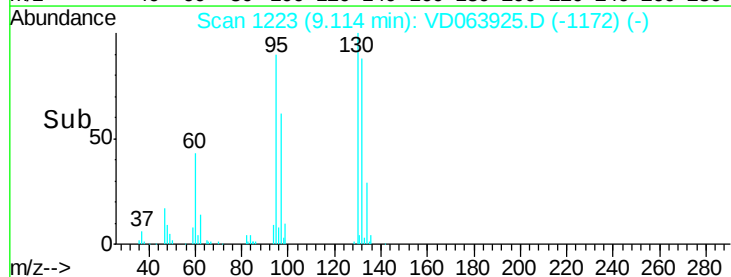
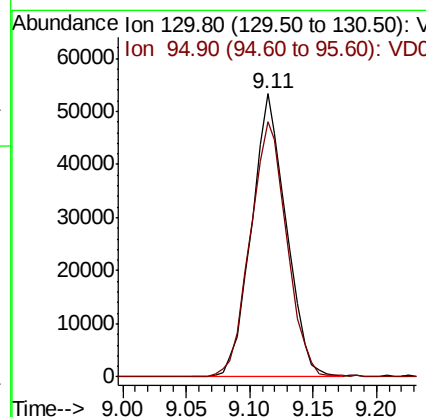
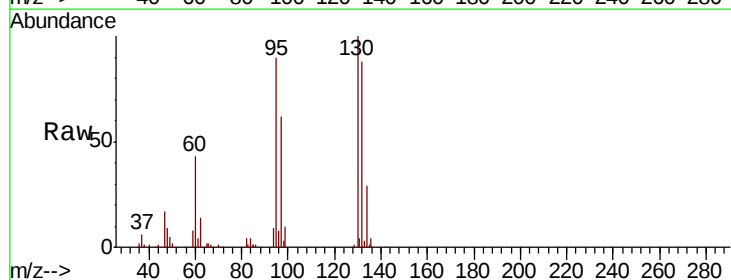
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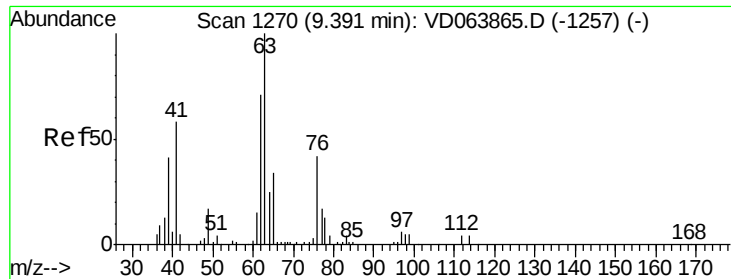
MMDadoda
10/11/2019 10:24:21 AM



#44
Trichloroethene
Concen: 48.387 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	175.6





#45

1,2-Dichloropropane

Concen: 51.666 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 91904

Ion Ratio Lower Upper

63 100

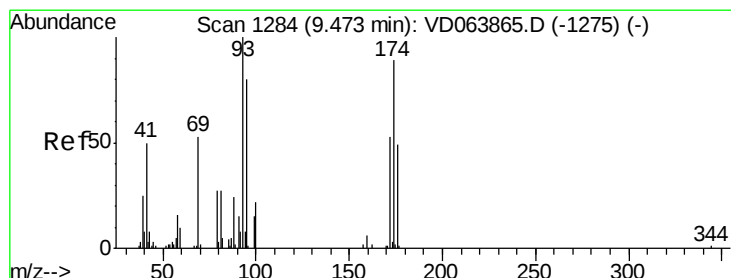
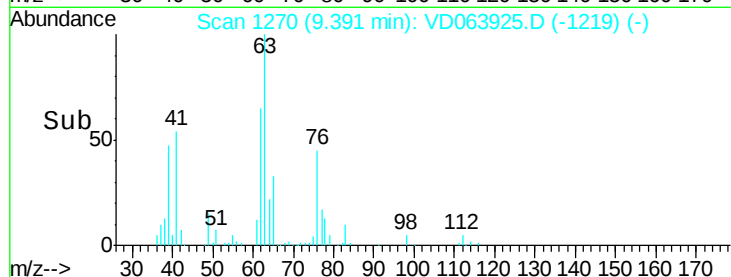
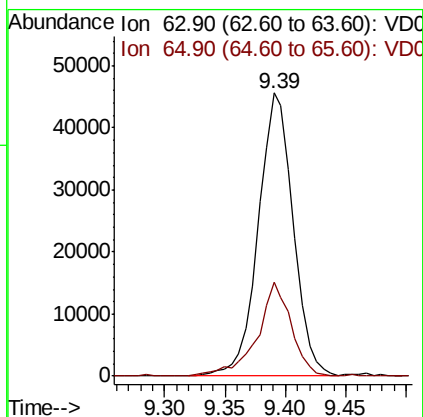
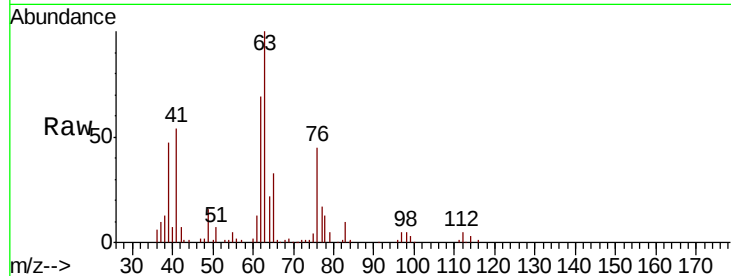
65 33.4 27.3 40.9

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#46

Dibromomethane

Concen: 51.798 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

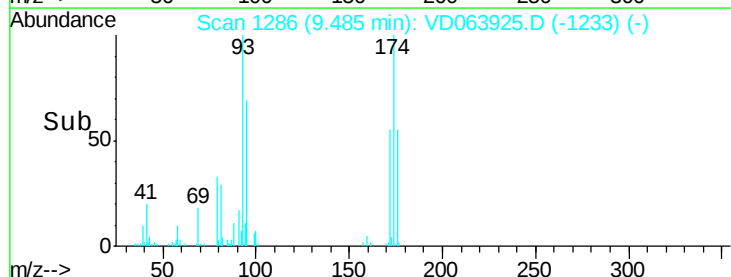
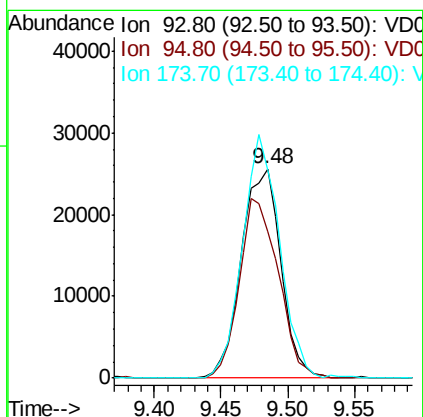
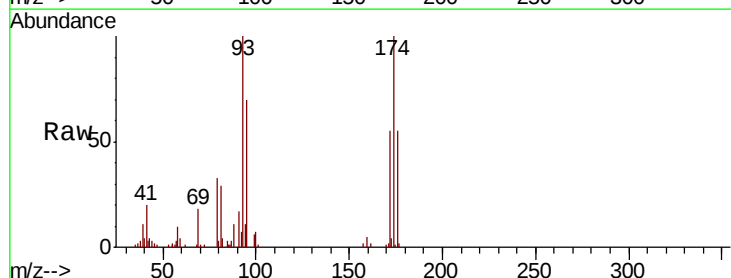
Tgt Ion: 93 Resp: 52475

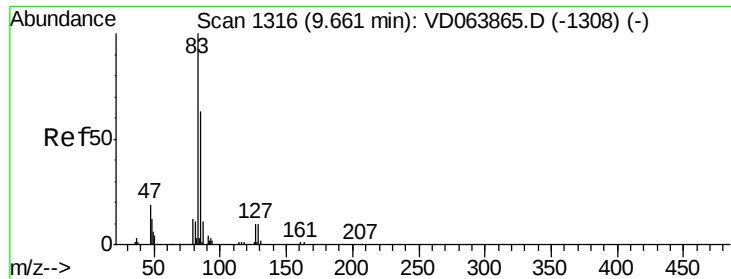
Ion Ratio Lower Upper

93 100

95 84.7 66.0 99.0

174 108.7 83.4 125.0





#47

Bromodichloromethane

Concen: 50.405 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

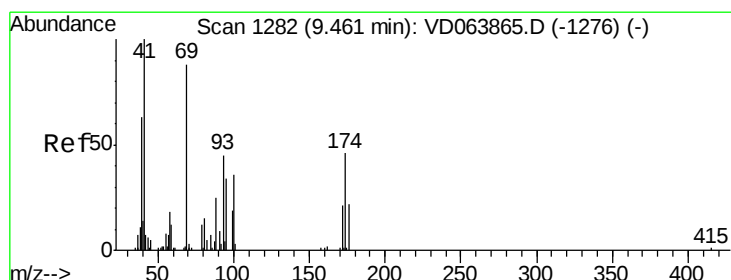
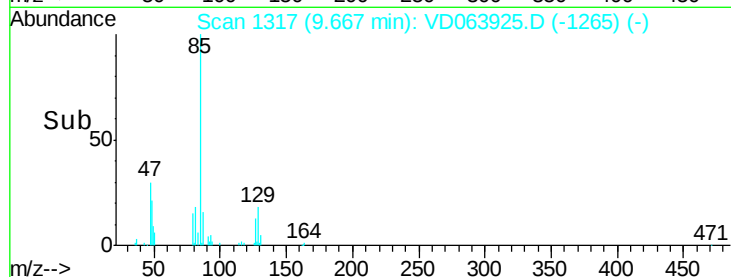
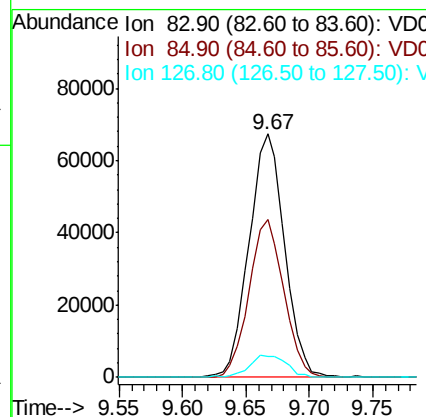
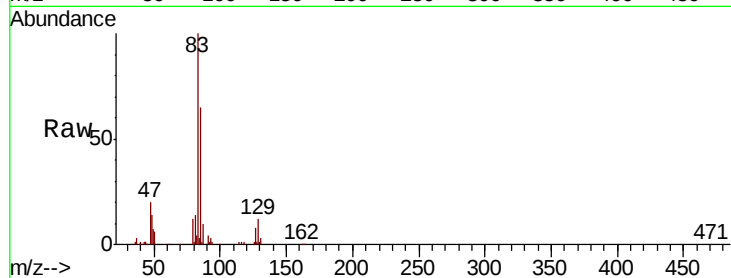
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	131470
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.2
127	8.4	7.6	11.4

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#48

Methyl methacrylate

Concen: 47.866 ug/l

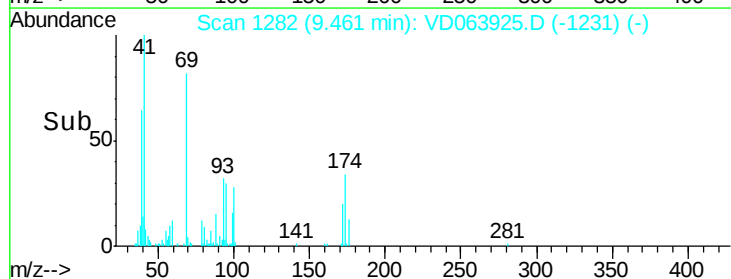
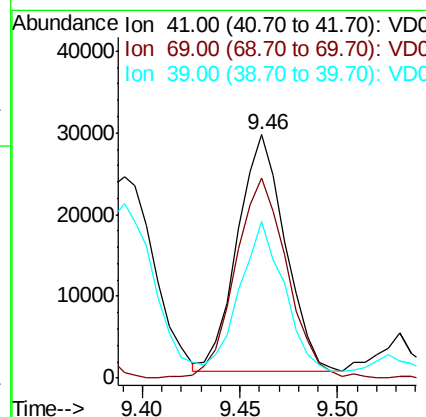
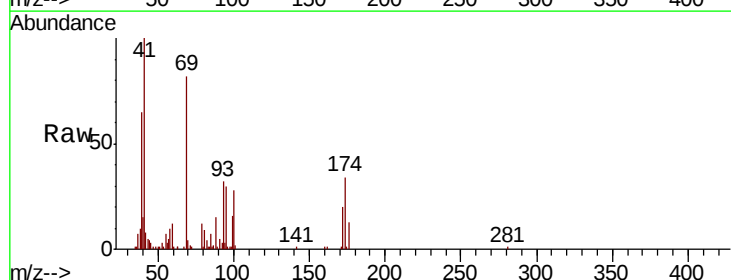
RT: 9.46 min Scan# 1282

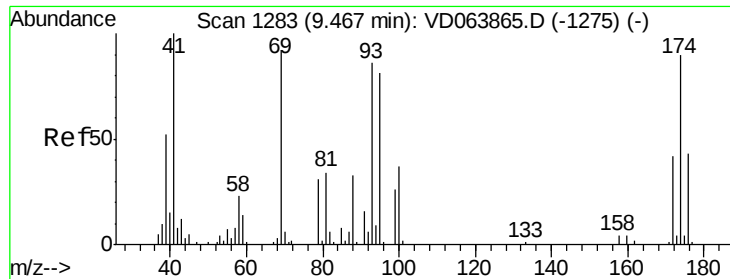
Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion:	41	Resp:	48776
Ion	Ratio	Lower	Upper
41	100		
69	92.5	75.1	112.7
39	65.8	50.2	75.2





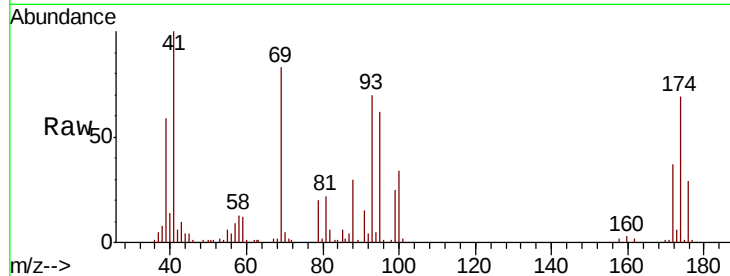
#49
1,4-Dioxane
Concen: 983.929 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.6	41.4
58	62.9	54.1	81.1

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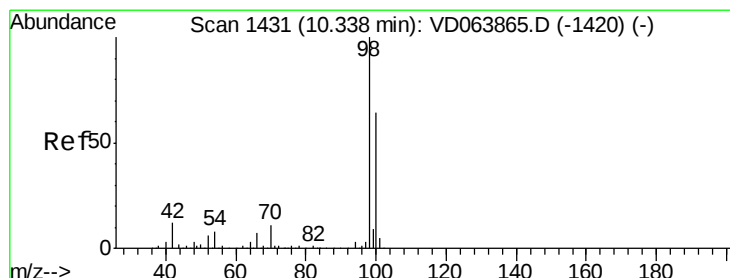
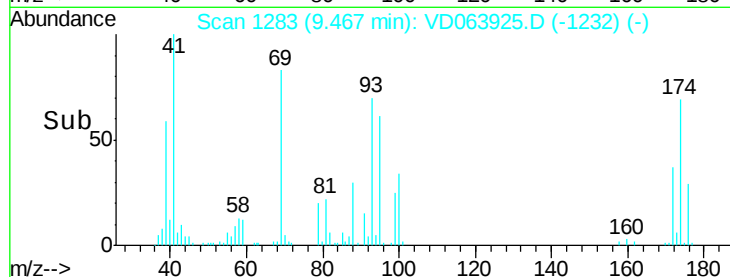
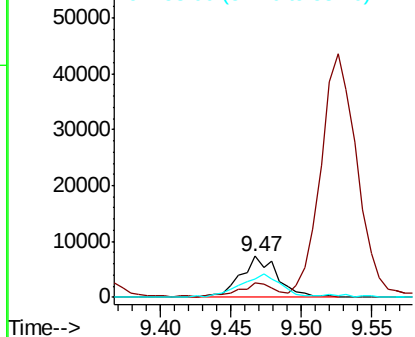


Abundance

Ion 88.00 (87.70 to 88.70): VDC

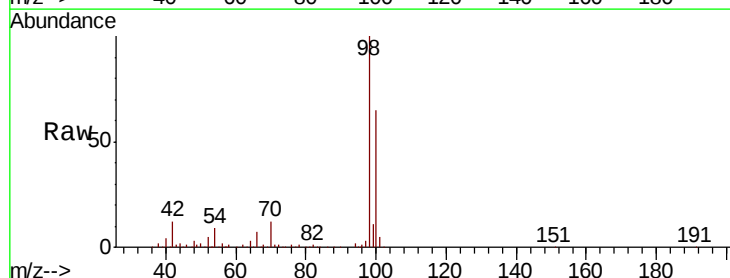
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

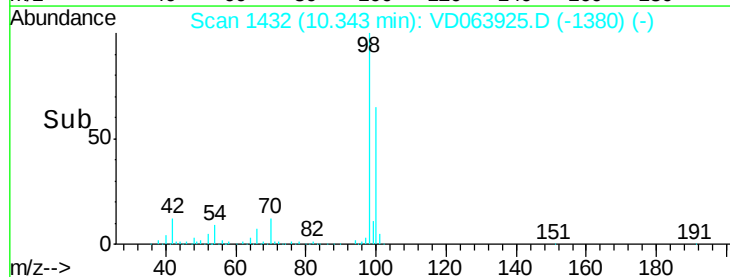
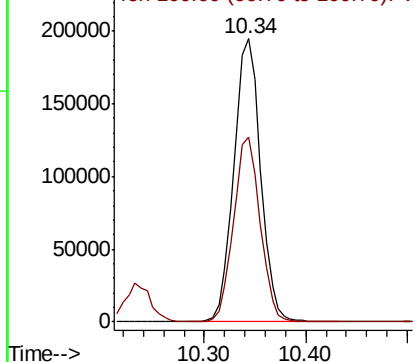
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1



Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 250.133 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 275897

Ion Ratio Lower Upper

43 100

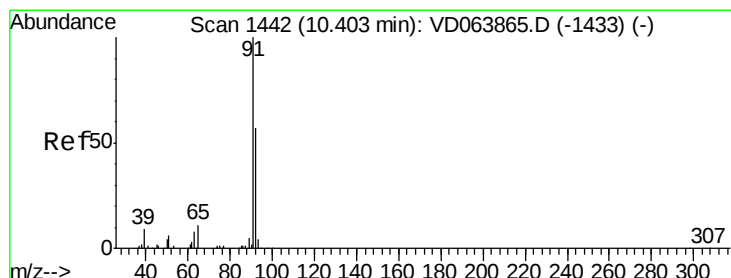
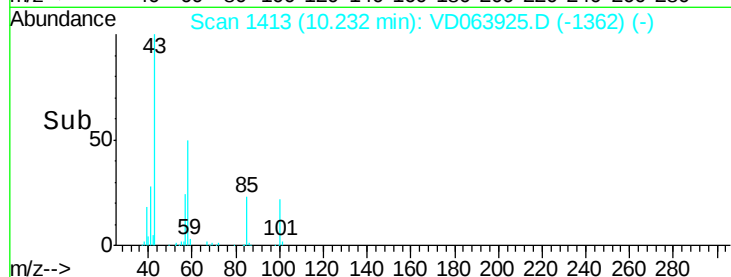
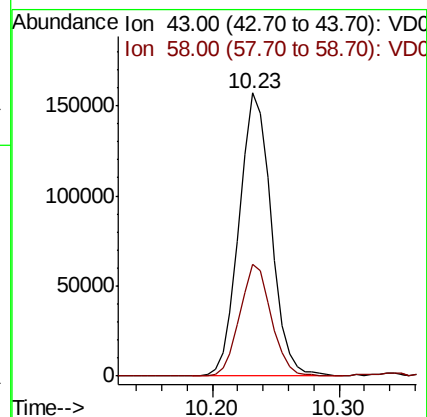
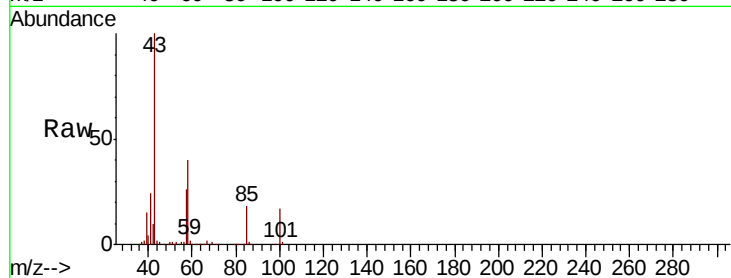
58 38.9 33.0 49.4

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#52

Toluene

Concen: 52.020 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD063925.D

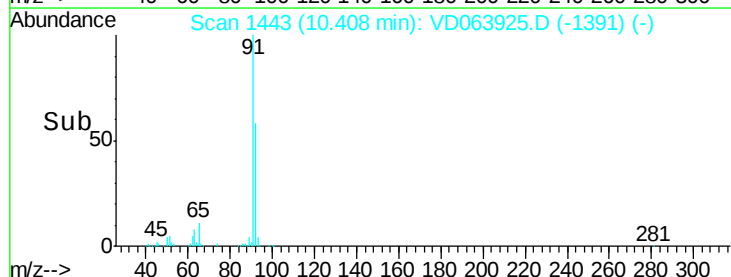
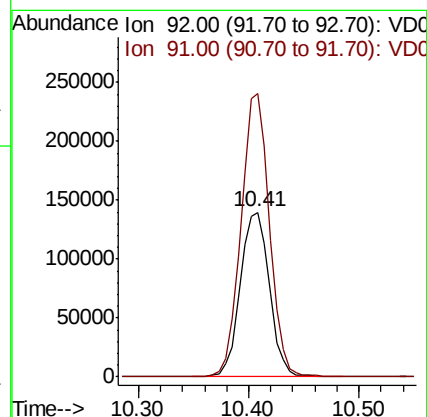
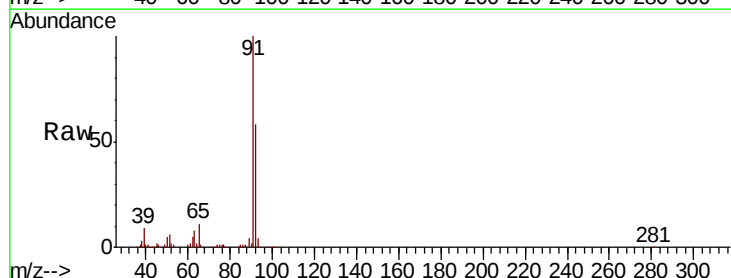
Acq: 10 Oct 2019 22:17

Tgt Ion: 92 Resp: 259528

Ion Ratio Lower Upper

92 100

91 167.6 139.5 209.3





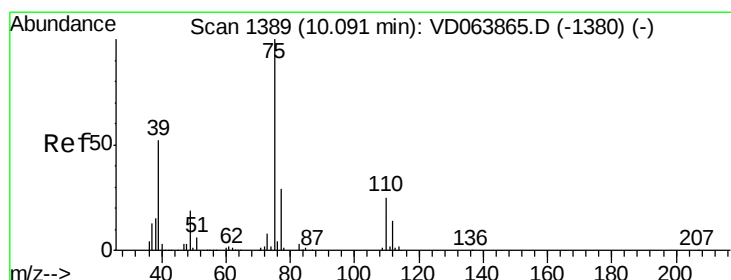
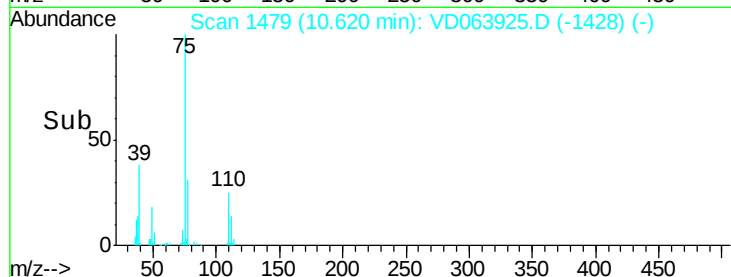
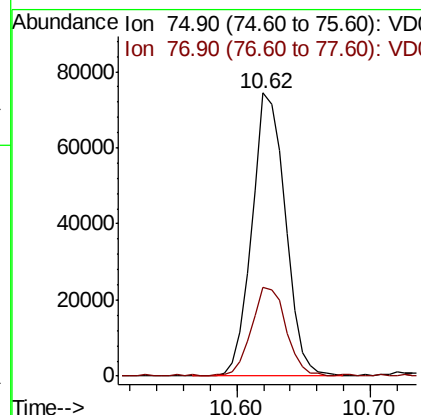
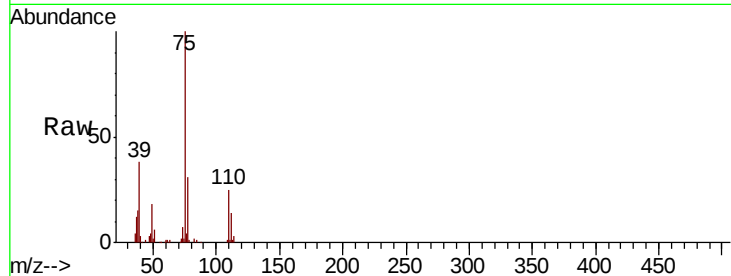
#53
 t-1,3-Dichloropropene
 Concen: 50.303 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 128031
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.8 34.2

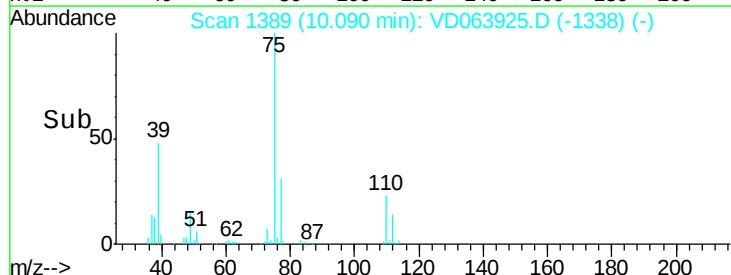
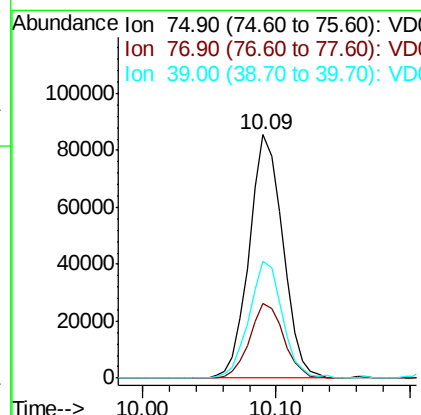
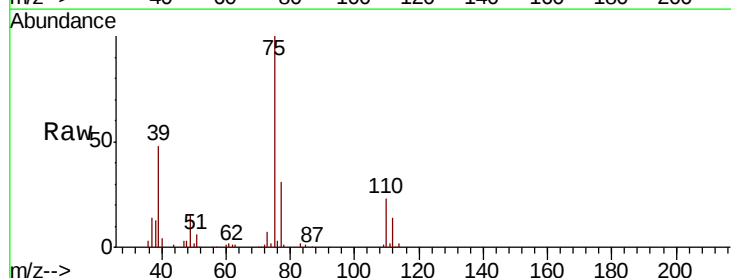
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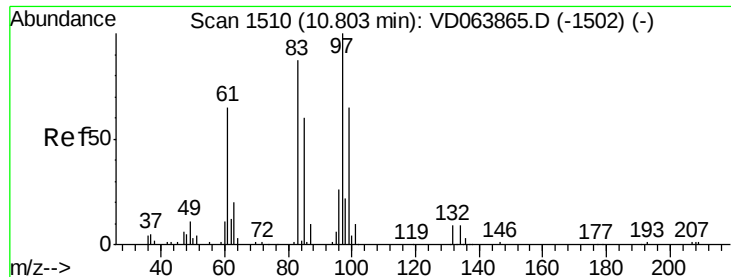
MMDadoda
 10/11/2019 10:24:21 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.707 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 75 Resp: 148560
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.2 34.8
 39 47.8 41.5 62.3





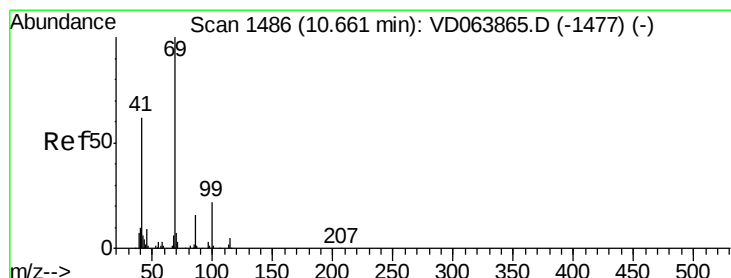
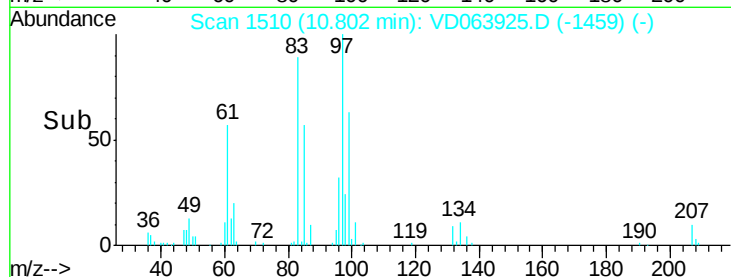
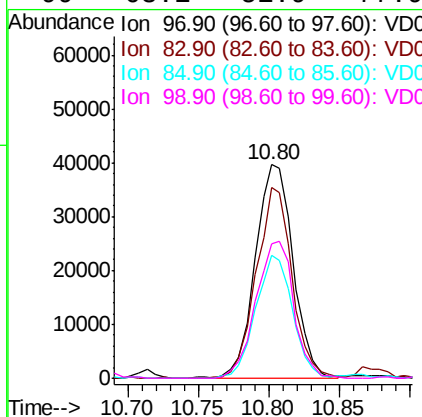
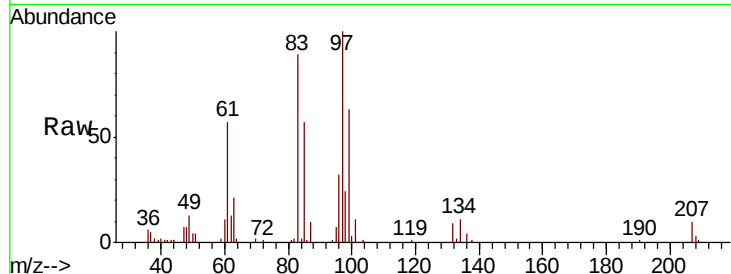
#55
 1,1,2-Trichloroethane
 Concen: 52.014 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	74400
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.7	104.5
85	57.4	48.1	72.1
99	63.1	51.9	77.9

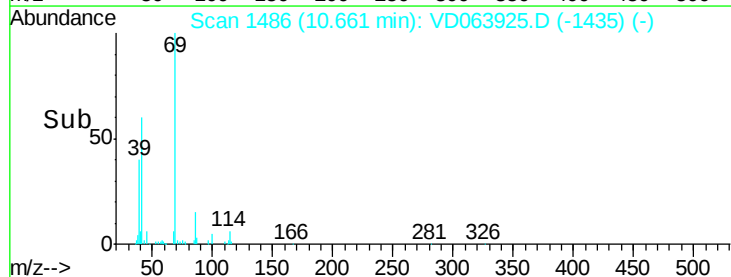
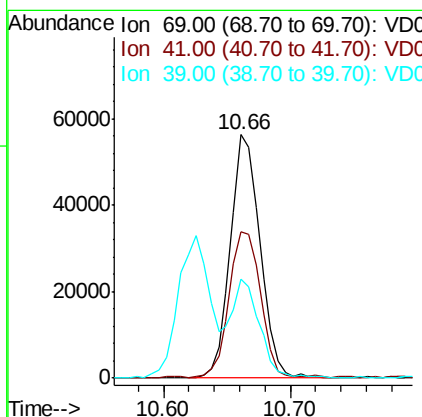
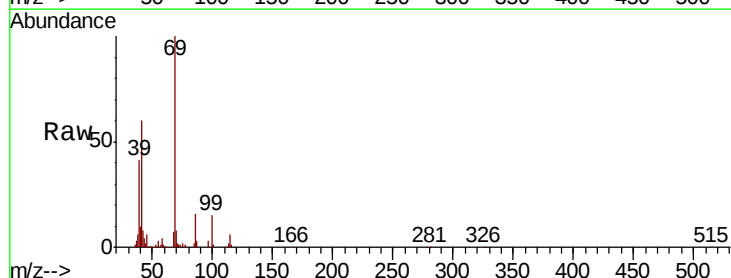
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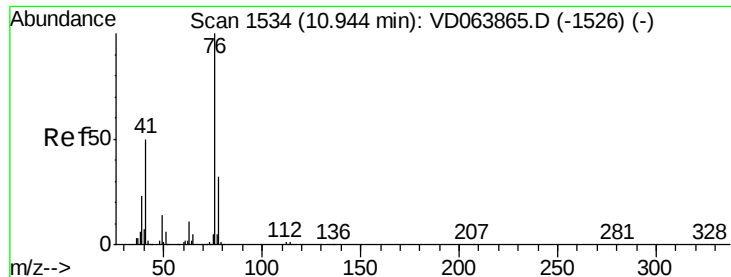
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#56
 Ethyl methacrylate
 Concen: 50.521 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion:	69	Resp:	91513
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.3	76.9
39	40.4	28.0	42.0





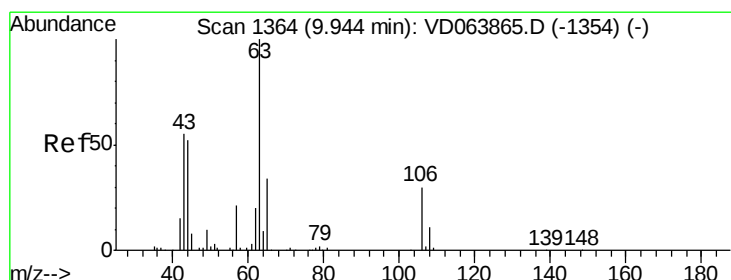
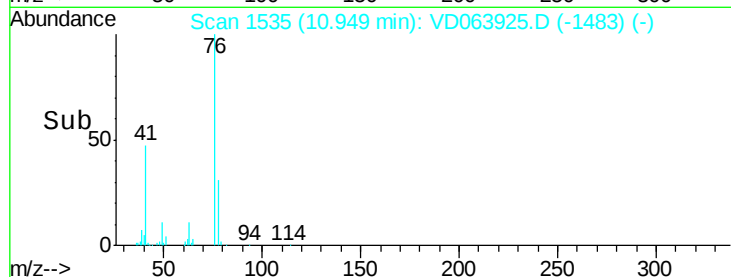
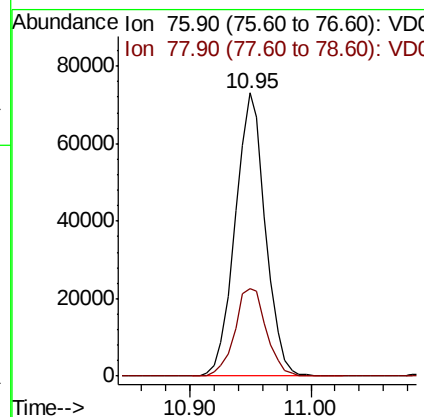
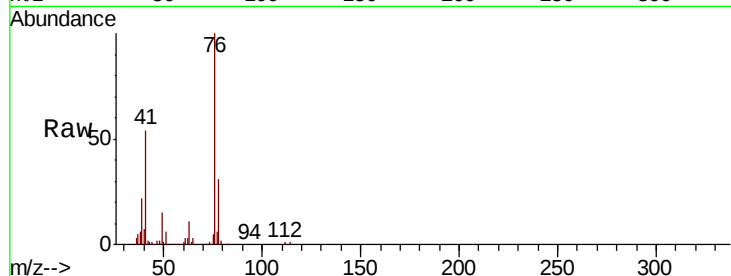
#57
 1,3-Dichloropropane
 Concen: 51.778 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.6	40.0

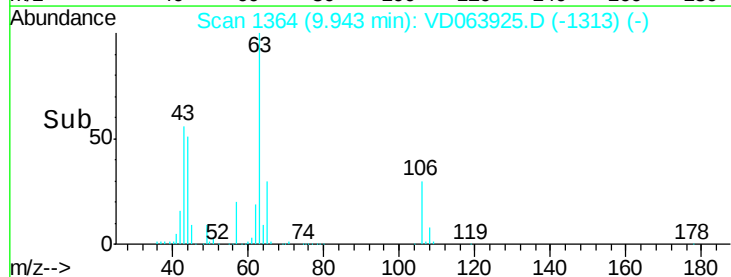
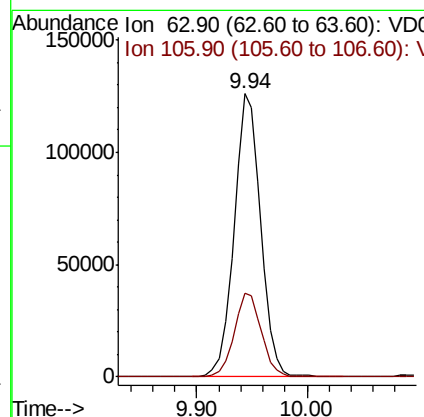
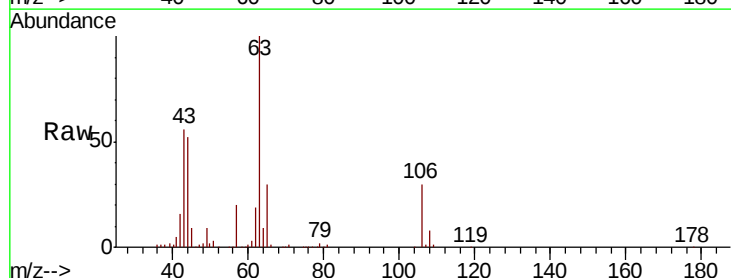
Manual Integrations
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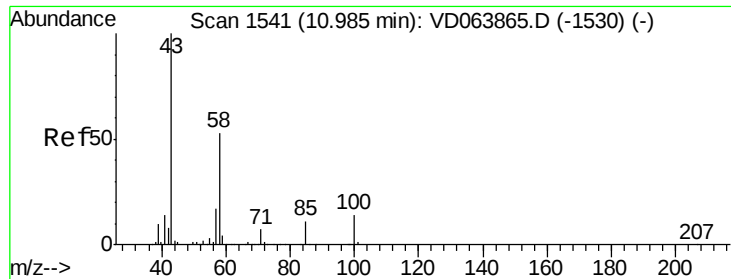
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.253 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.3	36.5





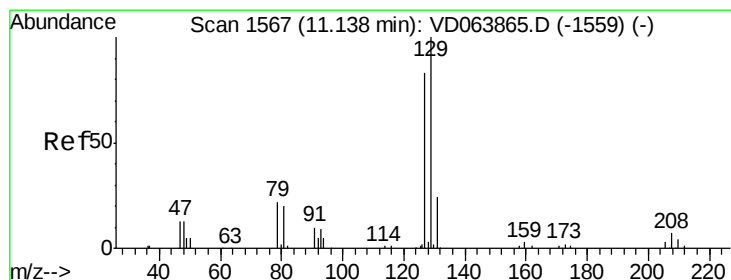
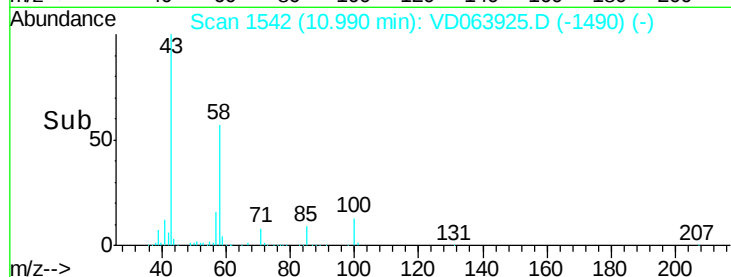
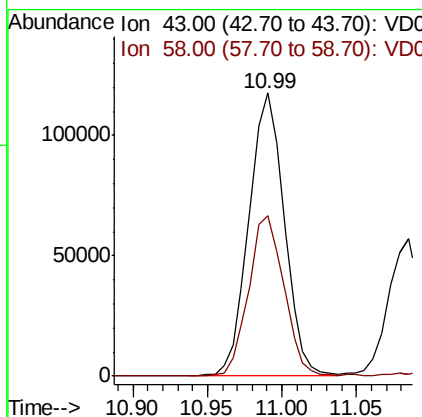
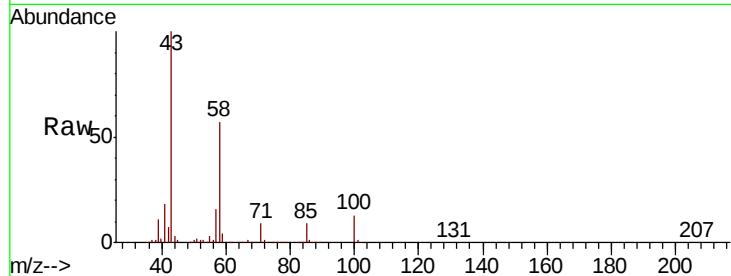
#59
2-Hexanone
Concen: 242.524 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 193505
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.0

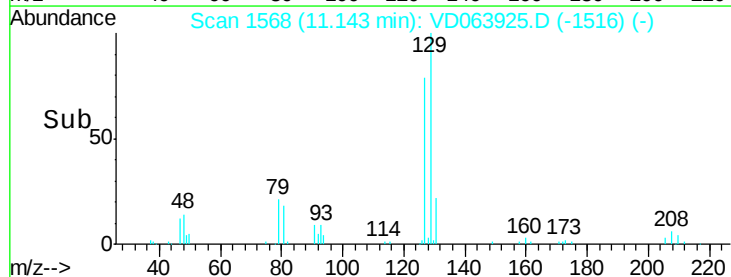
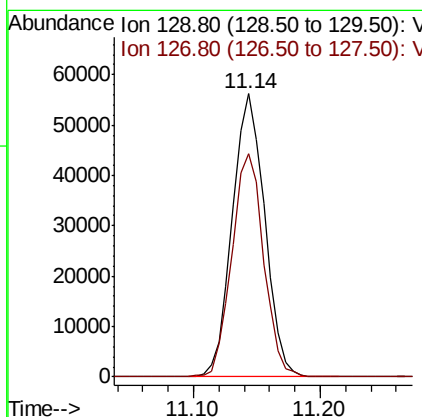
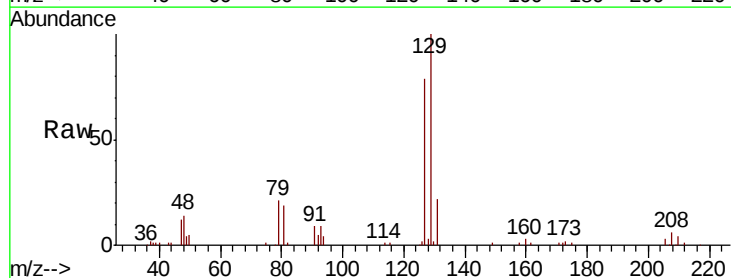
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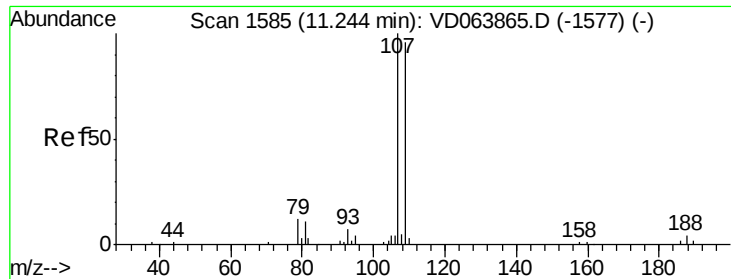
MMDadoda
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#60
Dibromochloromethane
Concen: 53.360 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 129 Resp: 99369
Ion Ratio Lower Upper
129 100
127 77.4 39.9 119.6





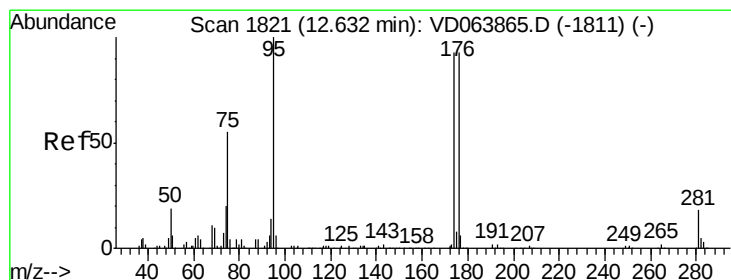
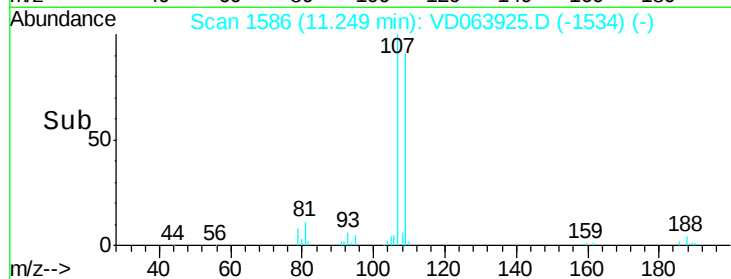
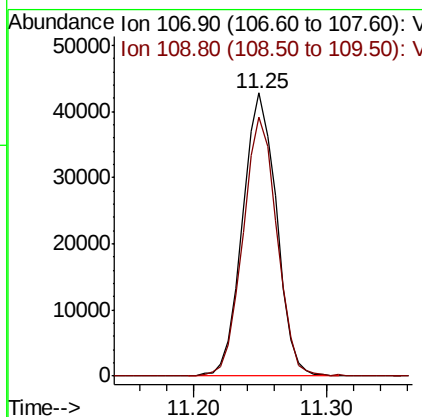
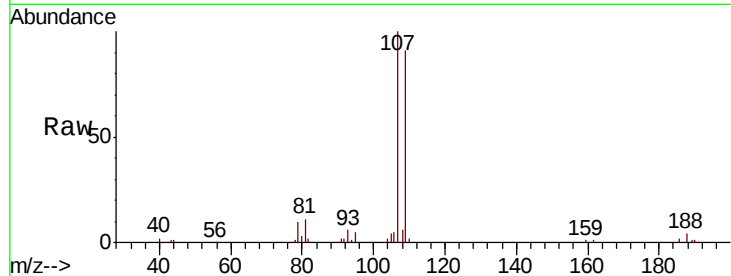
#61
 1,2-Dibromoethane
 Concen: 54.023 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 74914
 Ion Ratio Lower Upper
 107 100
 109 91.5 75.2 112.8

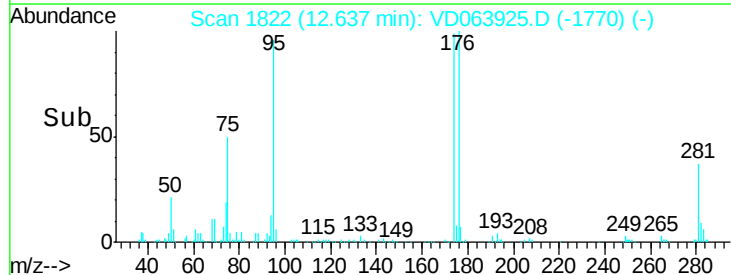
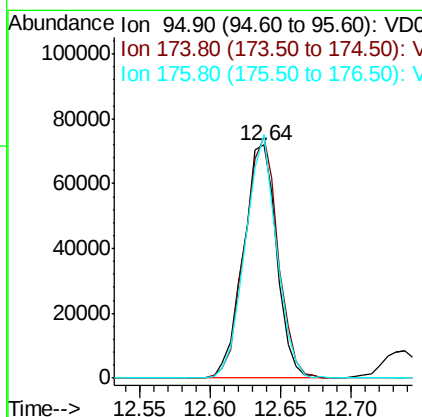
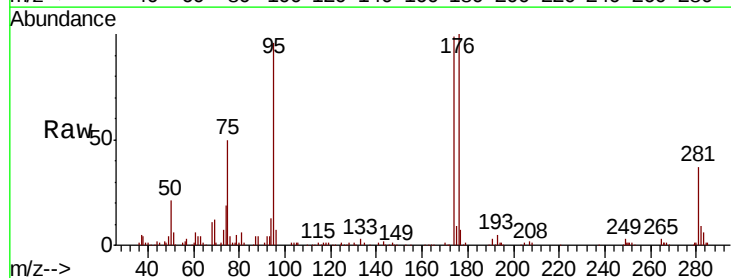
Manual Integrations
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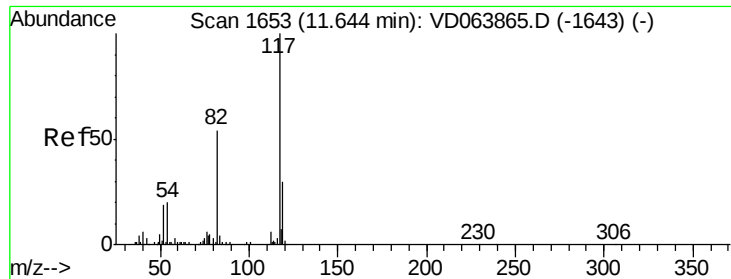
MMDadoda
 10/11/2019 10:24:21 AM



#62
 4-Bromofluorobenzene
 Concen: 49.922 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 95 Resp: 119354
 Ion Ratio Lower Upper
 95 100
 174 103.3 0.0 186.4
 176 98.3 0.0 184.2





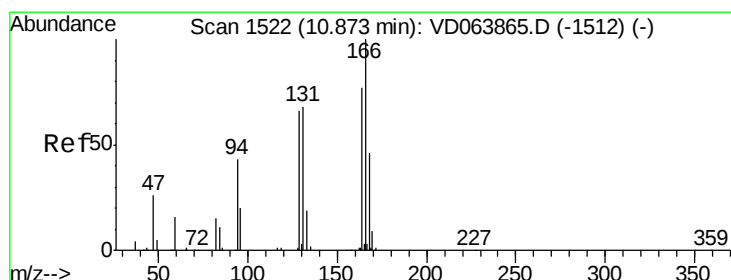
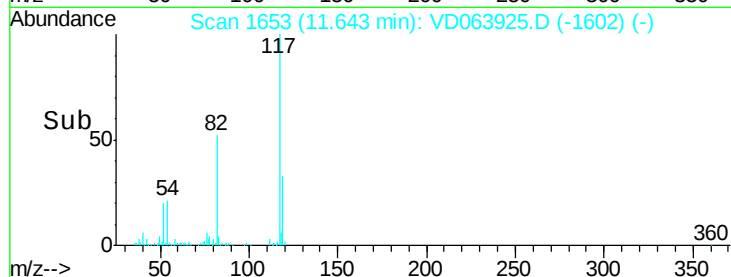
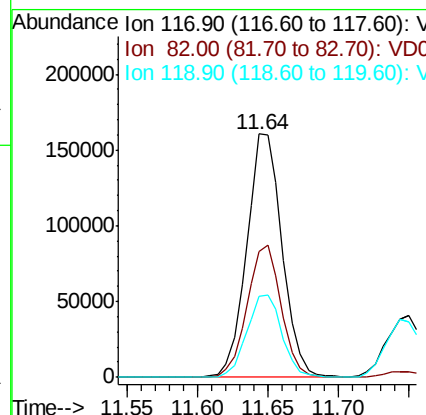
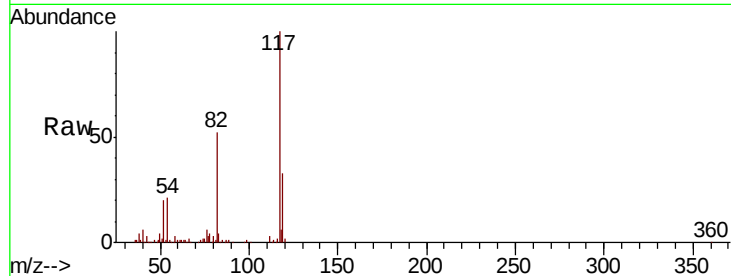
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.8	64.2
119	33.1	24.4	36.6

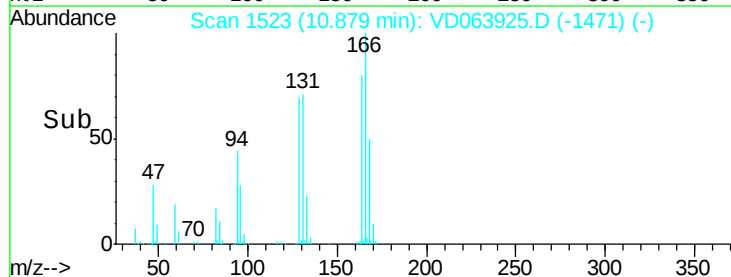
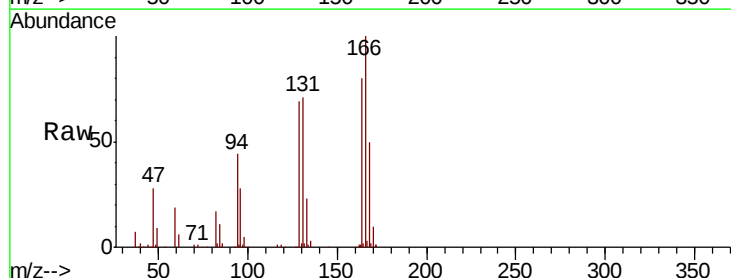
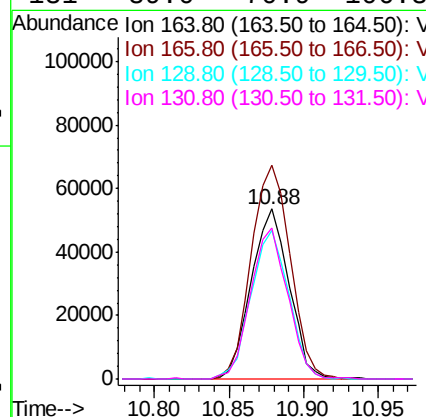
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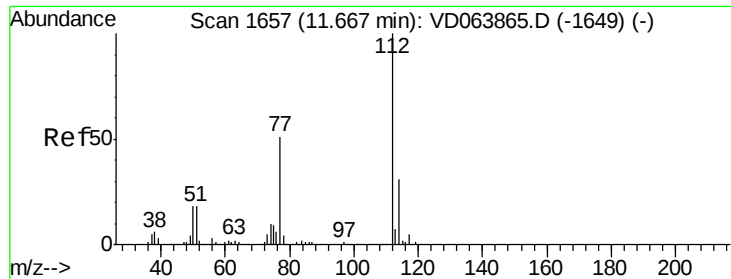
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#64
Tetrachloroethene
Concen: 48.987 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.8	155.6
129	87.2	68.9	103.3
131	89.0	70.9	106.3





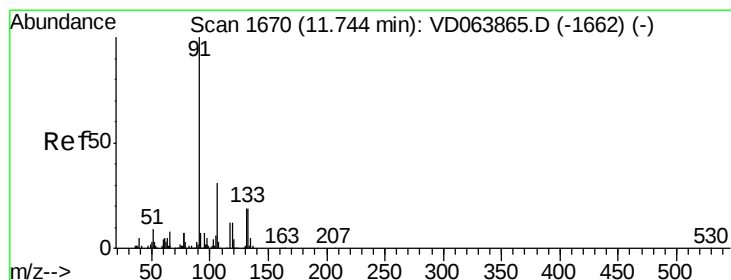
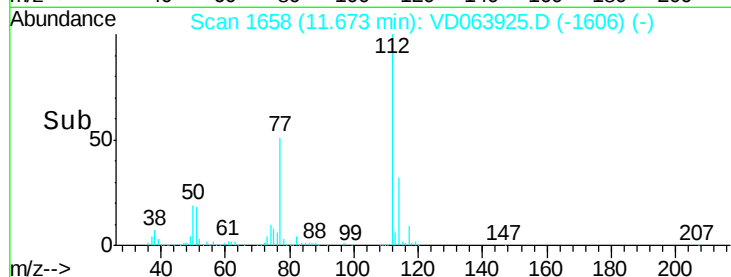
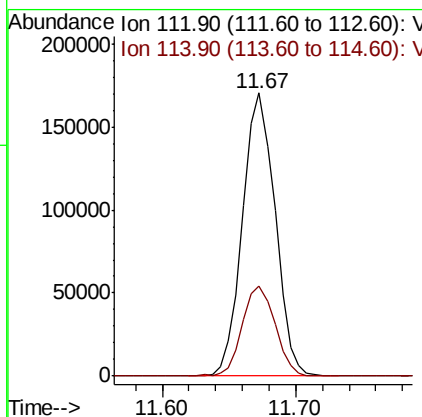
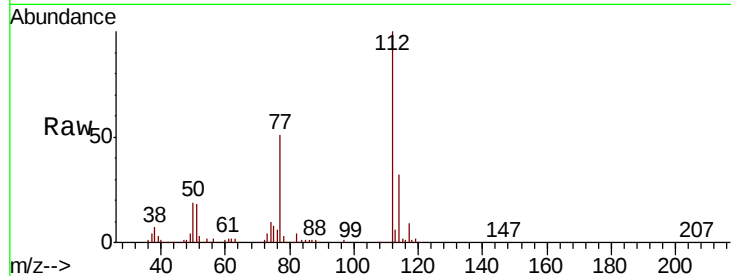
#65
Chlorobenzene
Concen: 50.817 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

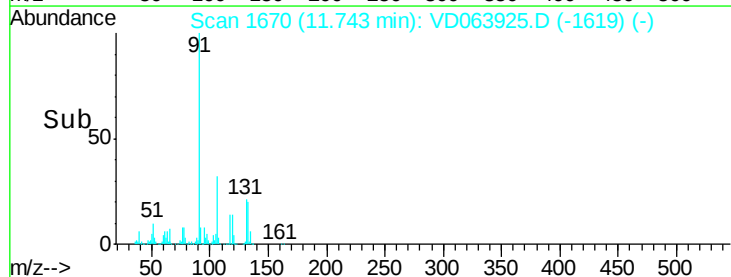
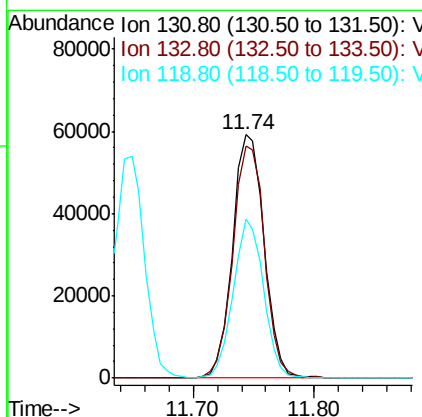
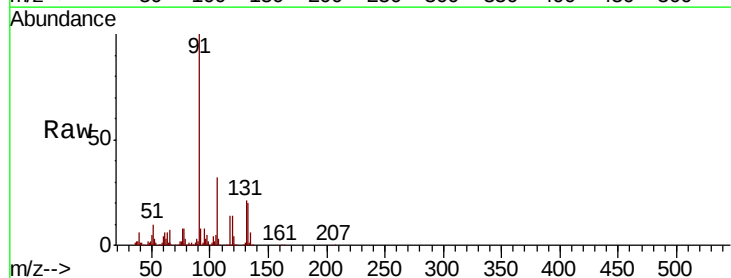
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.687 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.9	146.7
119	62.9	32.6	97.8





#67

Ethyl Benzene

Concen: 49.652 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 507479

Ion Ratio Lower Upper

91 100

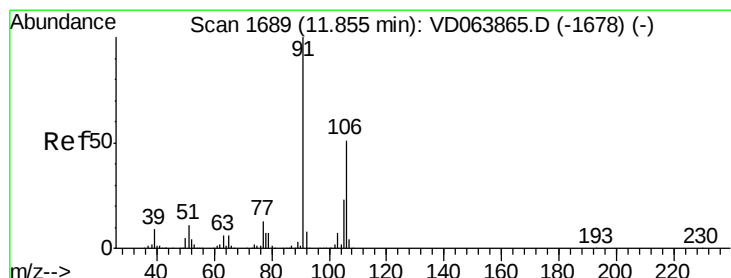
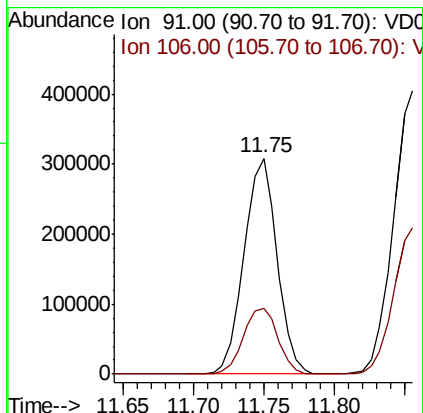
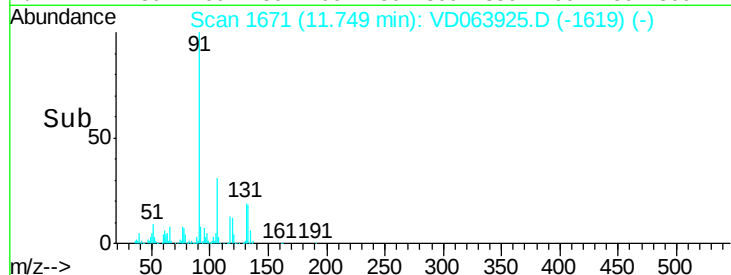
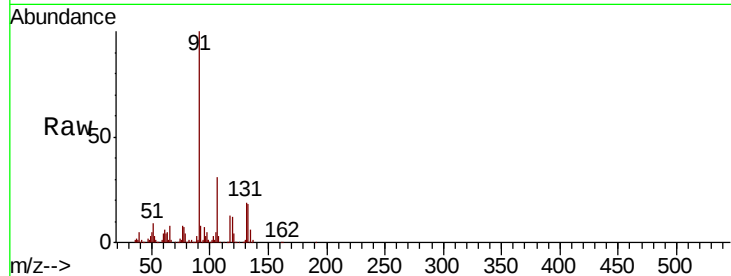
106 30.7 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.884 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063925.D

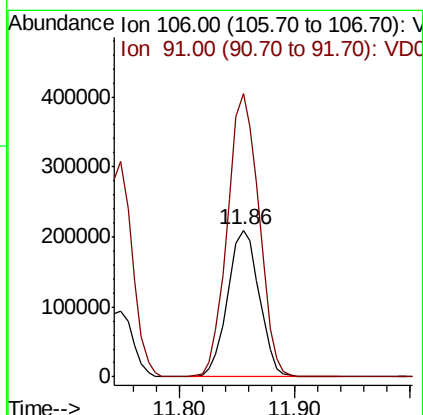
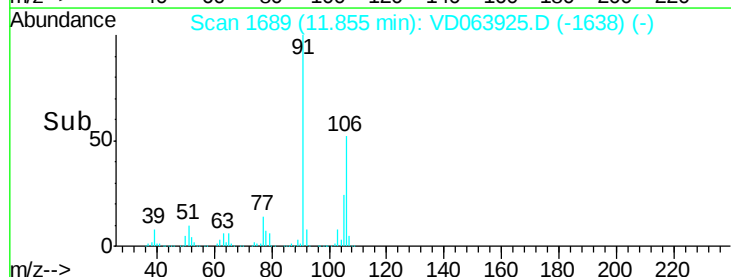
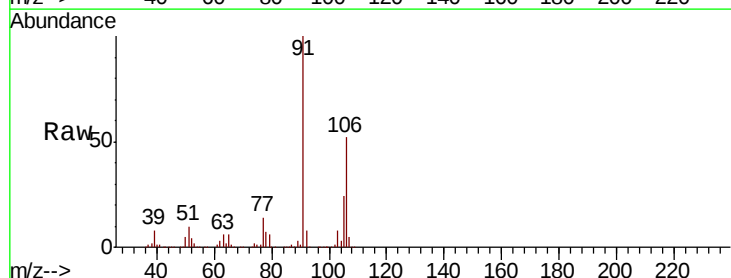
Acq: 10 Oct 2019 22:17

Tgt Ion: 106 Resp: 397989

Ion Ratio Lower Upper

106 100

91 192.8 154.8 232.2





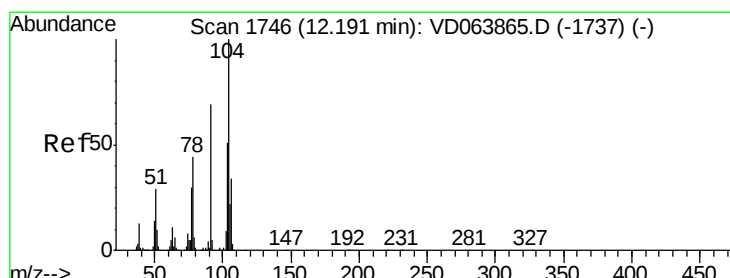
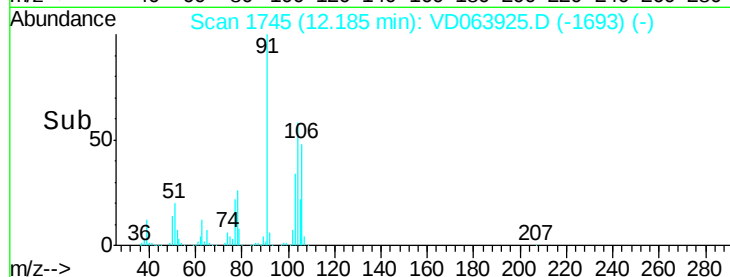
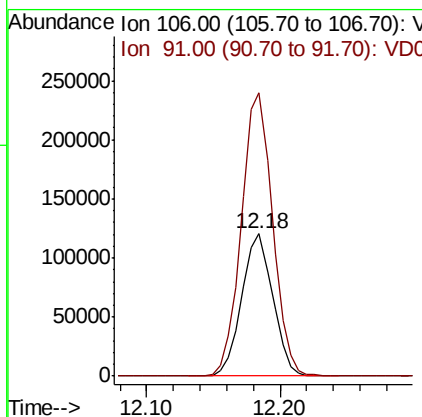
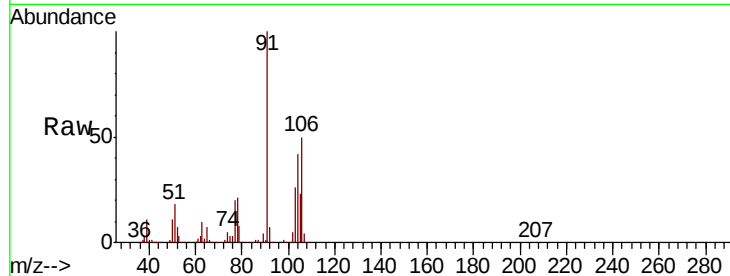
#69
o-Xylene
Concen: 51.124 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.5	103.9	311.7

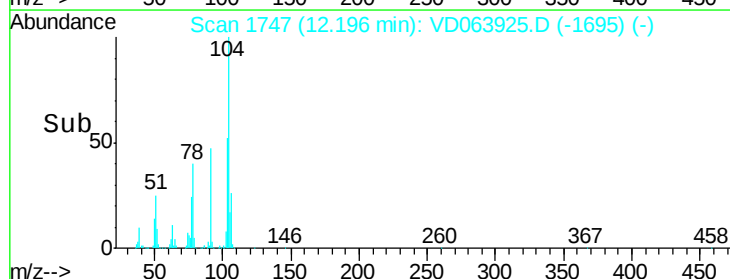
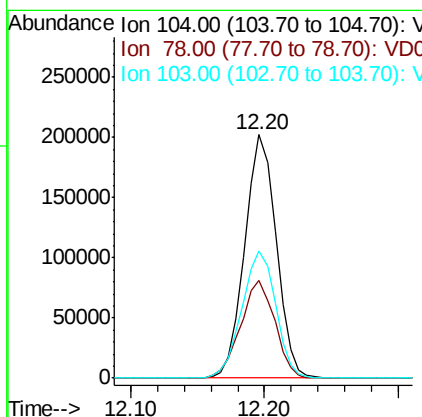
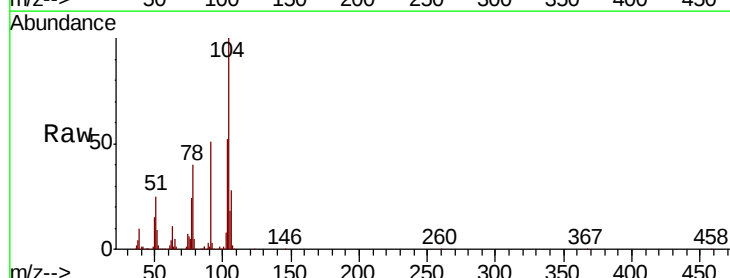
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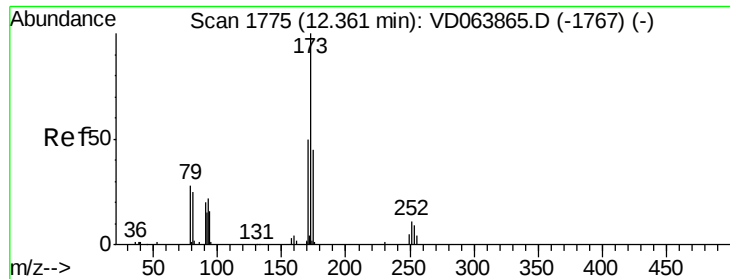
MMDadoda
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#70
Styrene
Concen: 51.503 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.9	37.0	55.4
103	56.5	44.2	66.4





#71

Bromoform

Concen: 53.317 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 59762

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

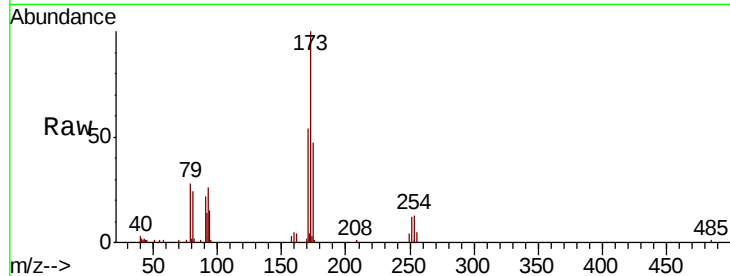
254 0.0 0.0 0.0

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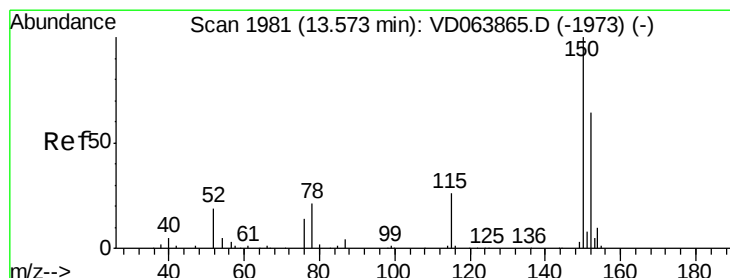
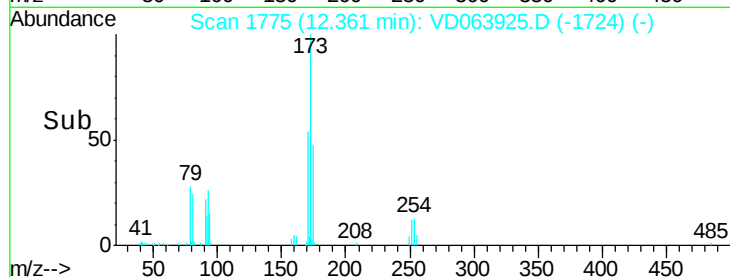
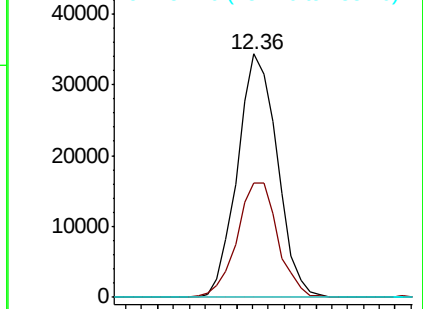
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

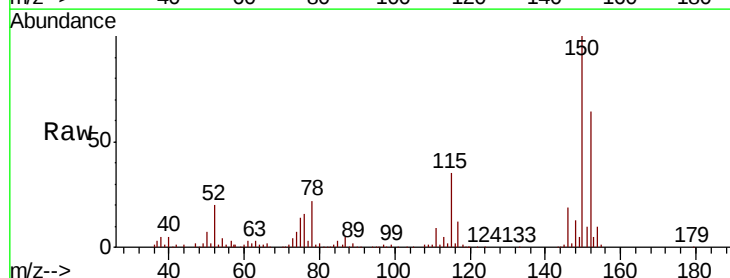
Tgt Ion:152 Resp: 159323

Ion Ratio Lower Upper

152 100

115 54.7 25.9 77.7

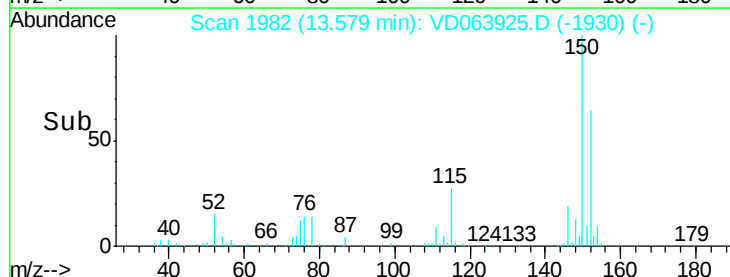
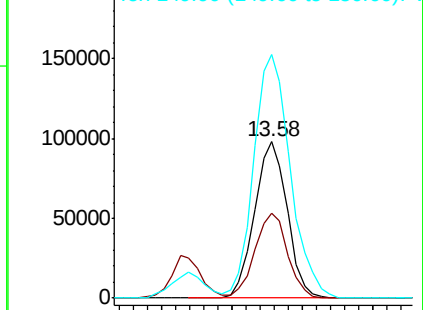
150 174.3 0.0 344.2

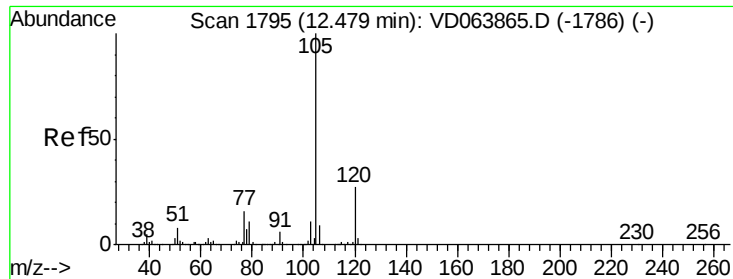


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.798 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 105 Resp: 501226

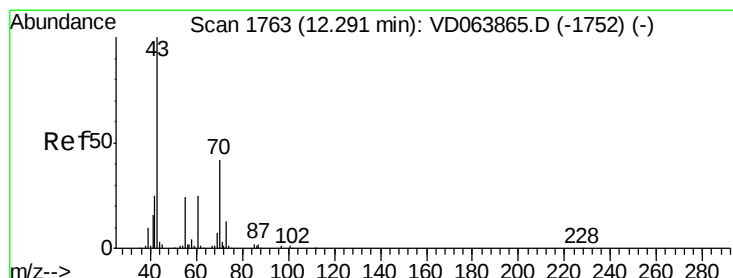
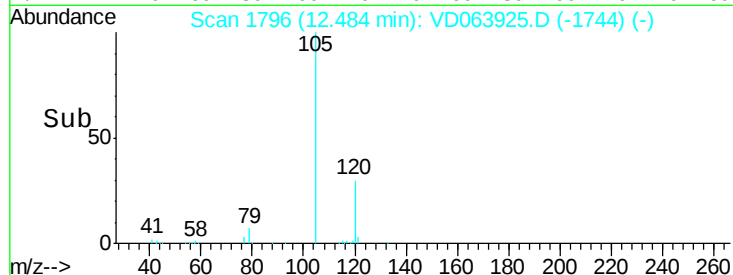
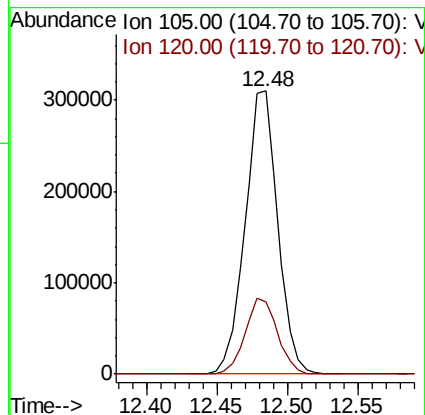
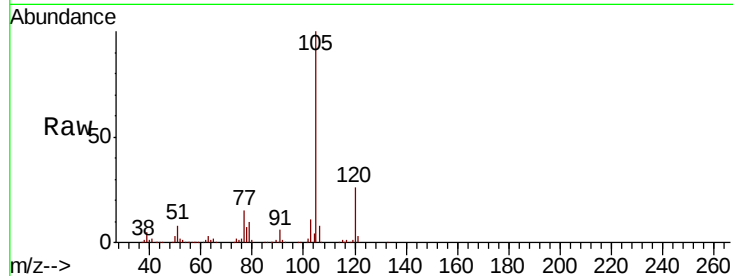
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8

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#74

N-ethyl acetate

Concen: 43.760 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion: 43 Resp: 100909

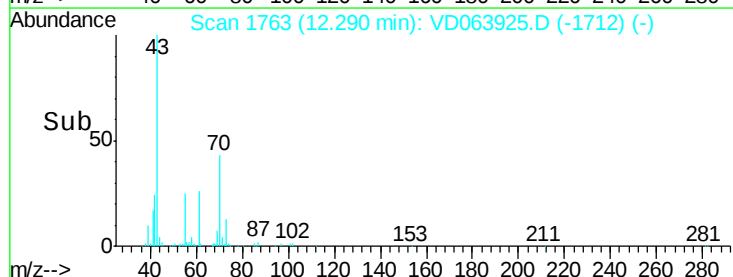
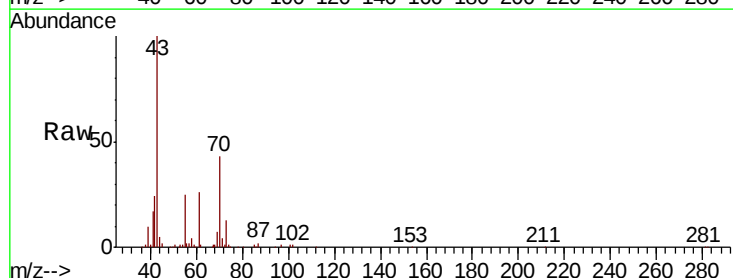
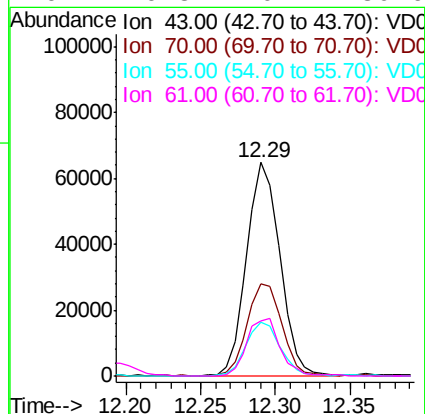
Ion Ratio Lower Upper

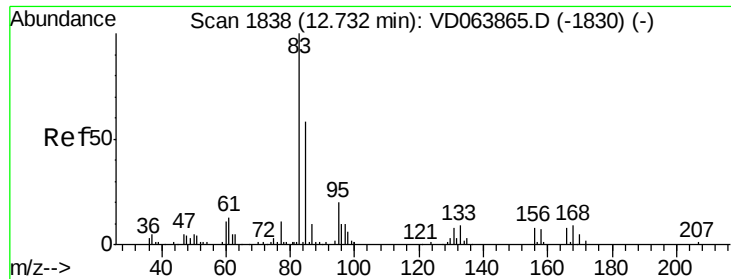
43 100

70 44.7 35.8 53.6

55 26.1 19.4 29.0

61 26.8 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.139 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

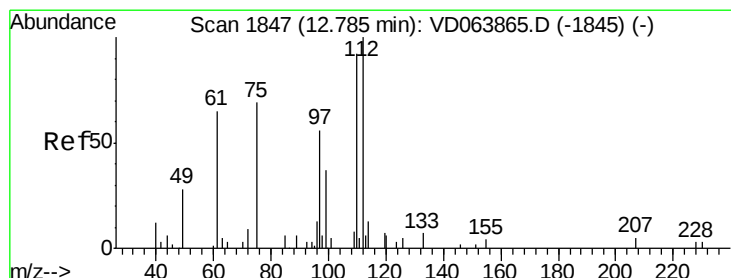
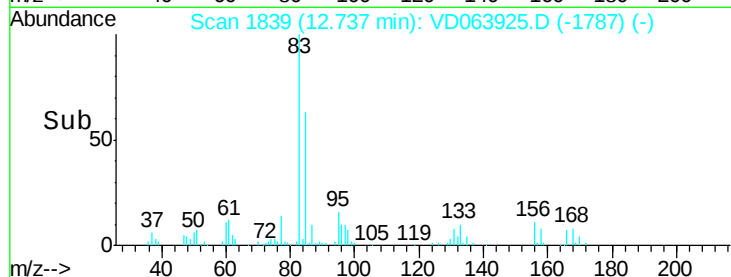
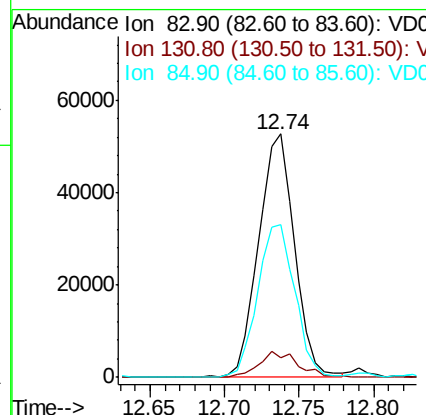
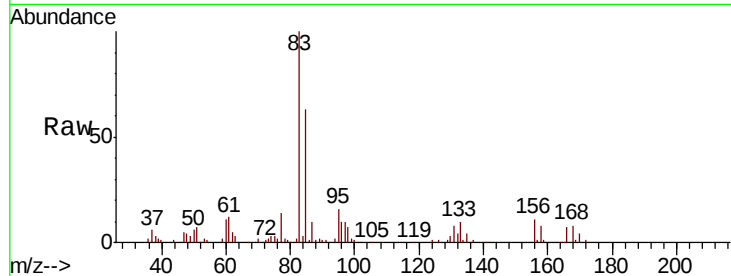
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	87856
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 44.478 ug/l m

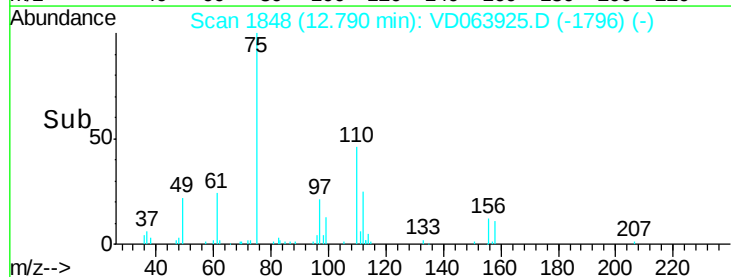
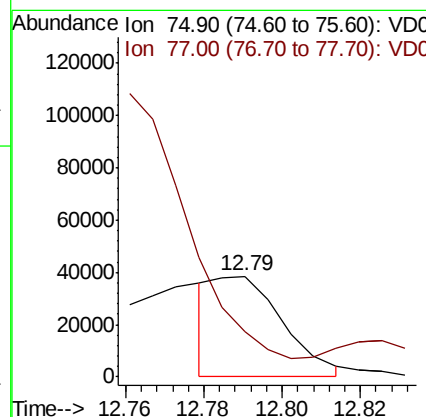
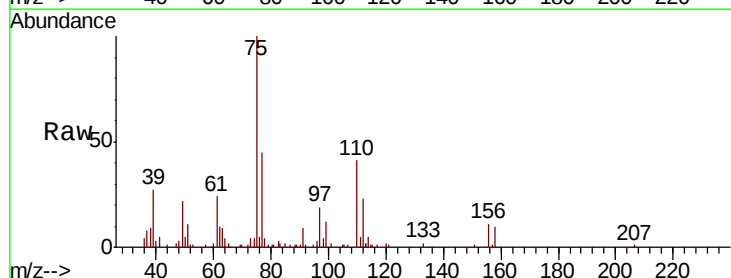
RT: 12.79 min Scan# 1848

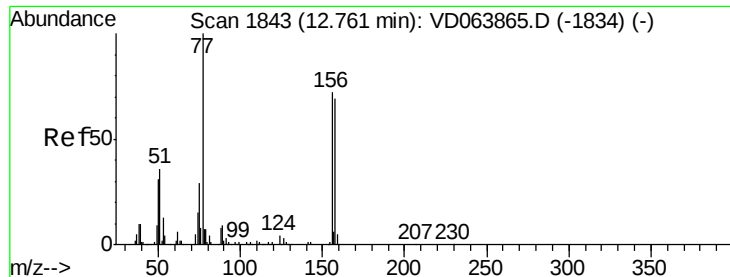
Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion:	75	Resp:	47463
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





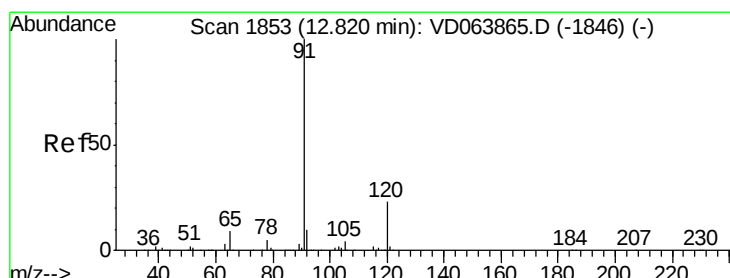
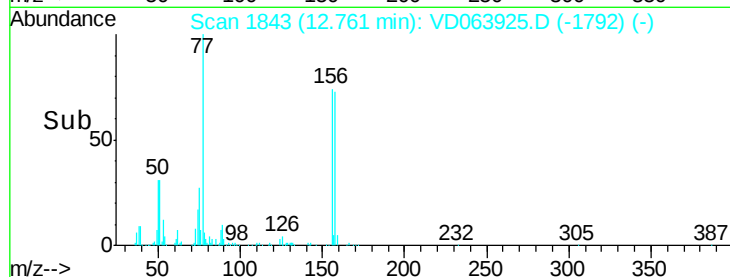
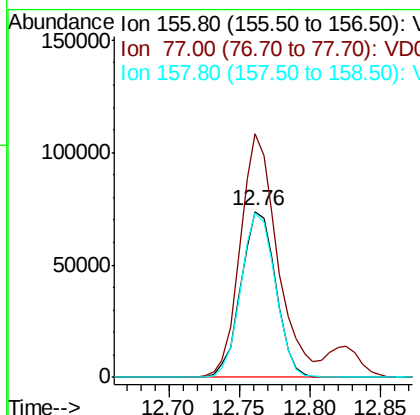
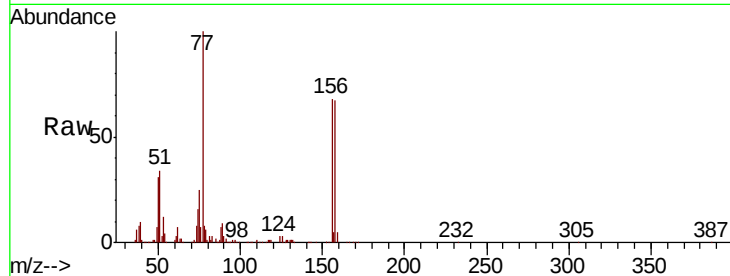
#77
Bromobenzene
Concen: 47.841 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.4	80.3	241.0
158	97.6	47.4	142.2

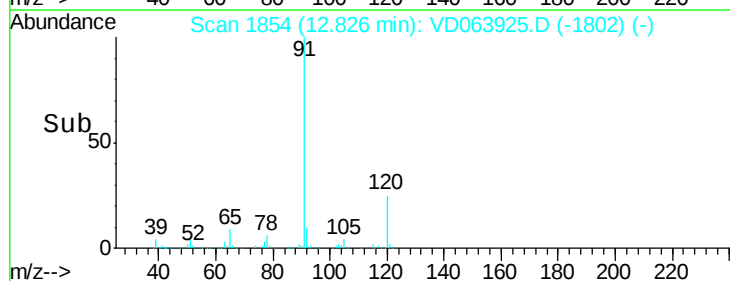
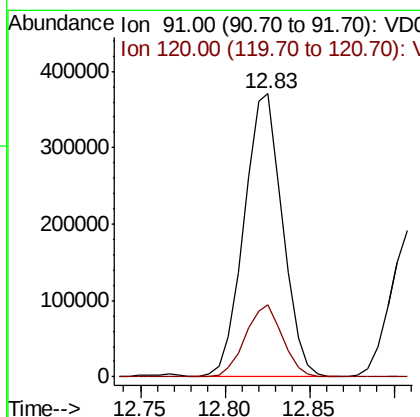
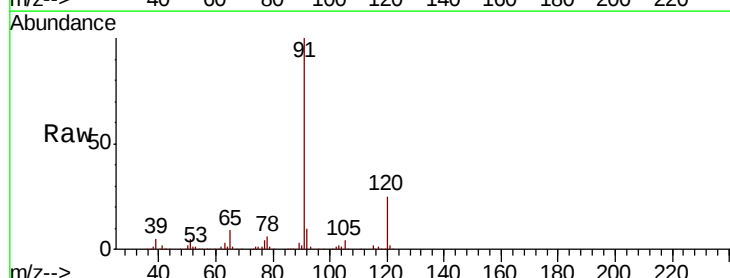
Manual Integrations
APPROVED

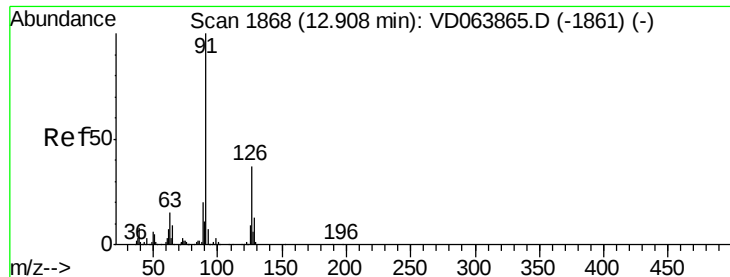
MMDadoda
10/11/2019 10:24:21 AM



#78
n-propylbenzene
Concen: 46.595 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.0	36.0





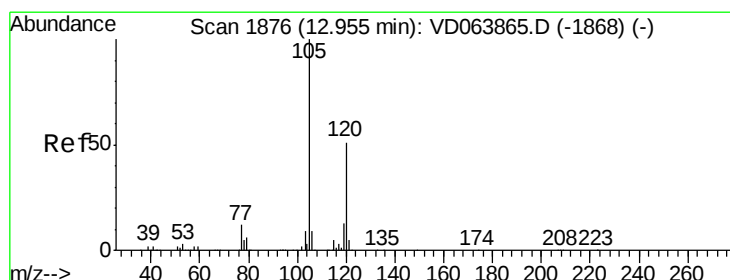
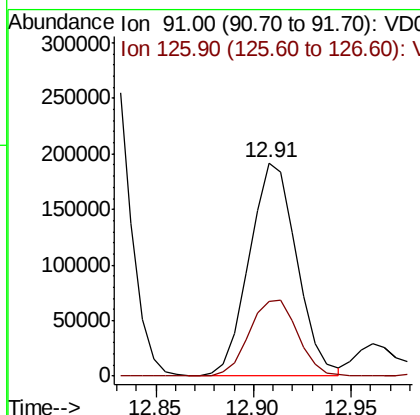
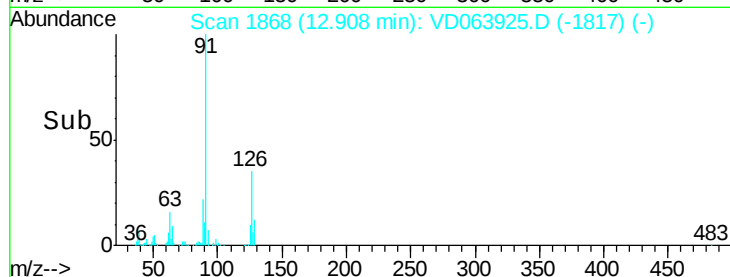
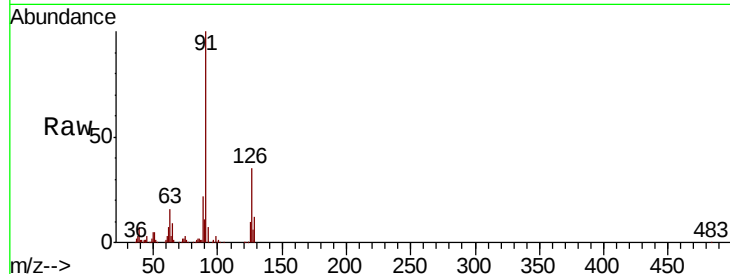
#79
2-Chlorotoluene
Concen: 46.742 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 324017
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.2

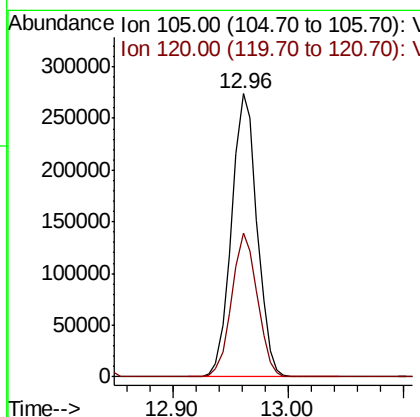
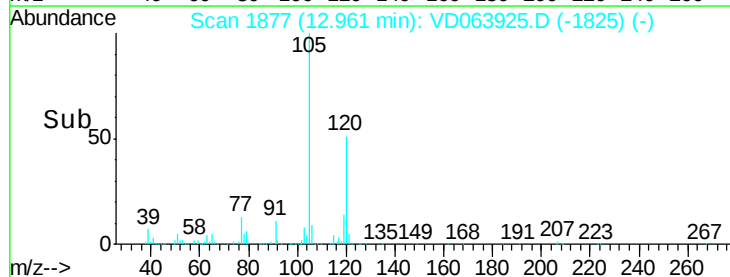
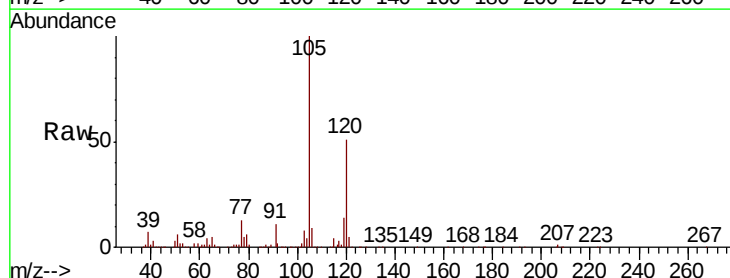
Manual Integrations
APPROVED

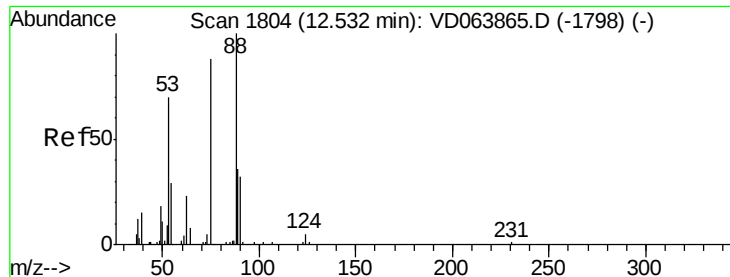
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 46.879 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 105 Resp: 418887
Ion Ratio Lower Upper
105 100
120 51.0 25.9 77.8





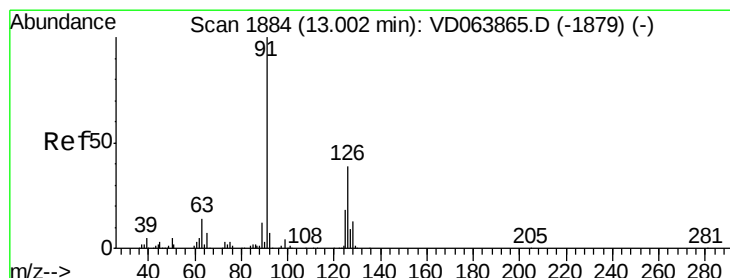
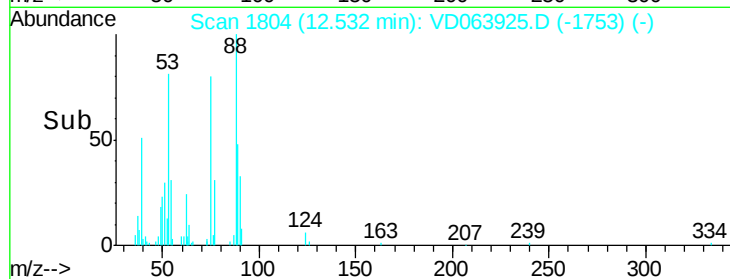
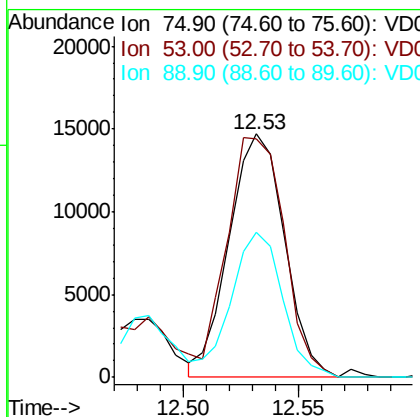
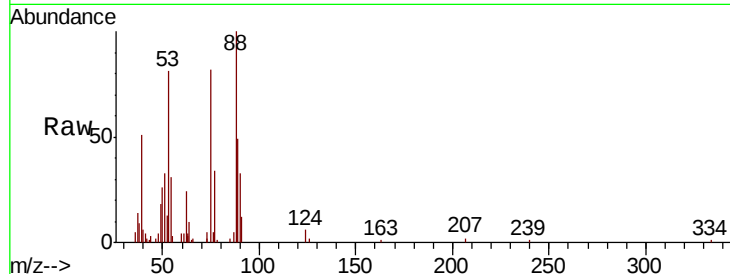
#81
trans-1,4-Dichloro-2-butene
Concen: 40.849 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	75.0	112.6
89	55.9	38.2	57.4

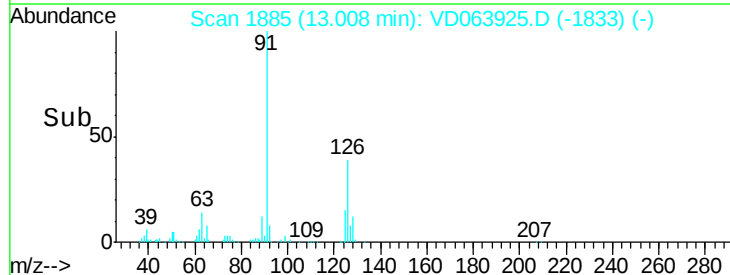
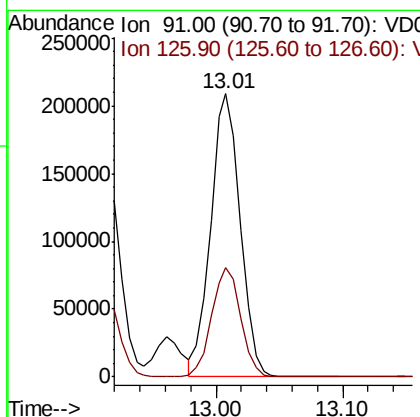
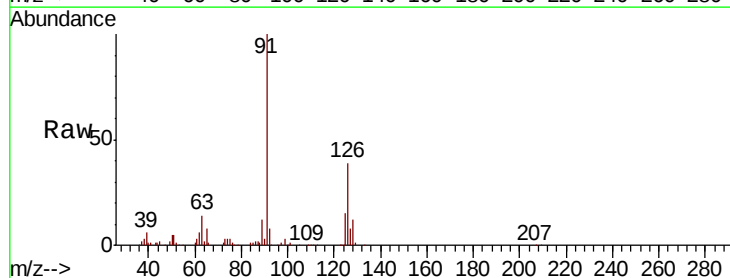
Manual Integrations
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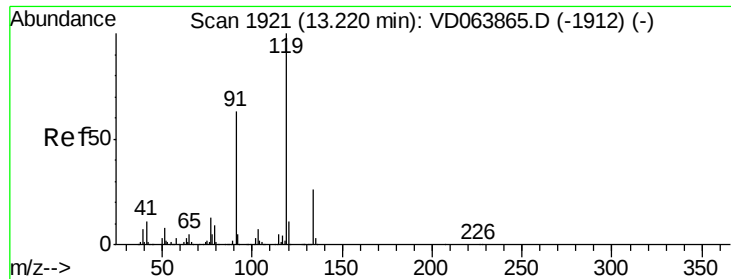
MMDadoda
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#82
4-Chlorotoluene
Concen: 45.973 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.2	18.6	55.8





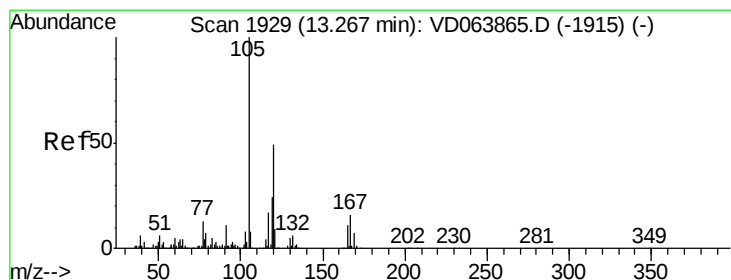
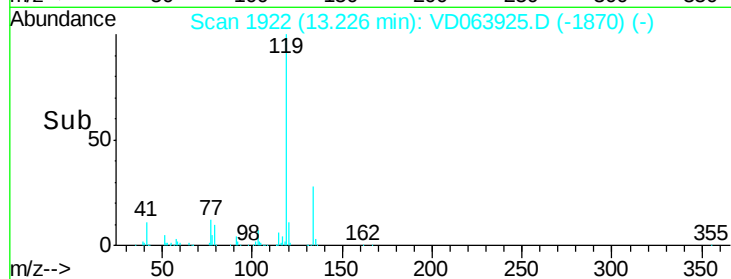
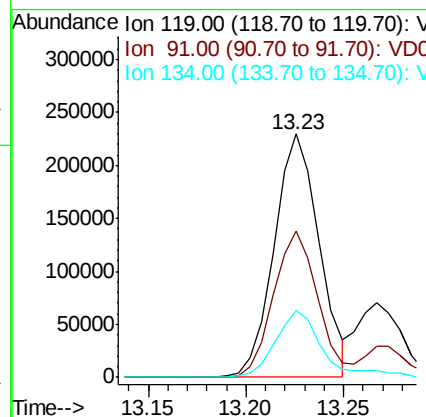
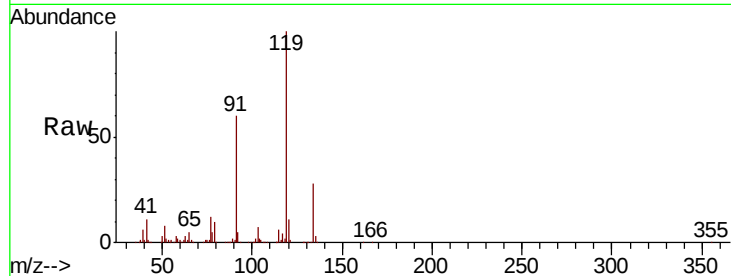
#83
tert-Butylbenzene
Concen: 46.134 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.0	90.0
134	28.8	13.0	38.9

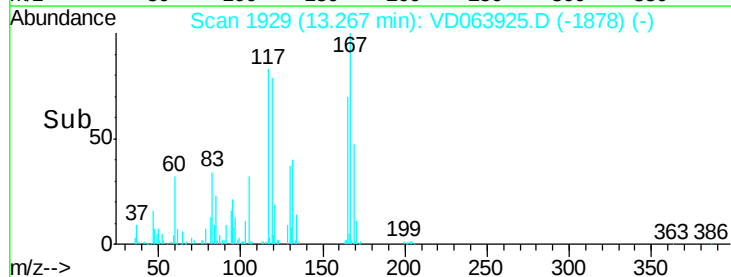
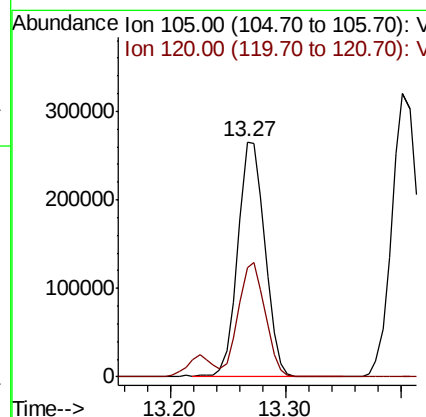
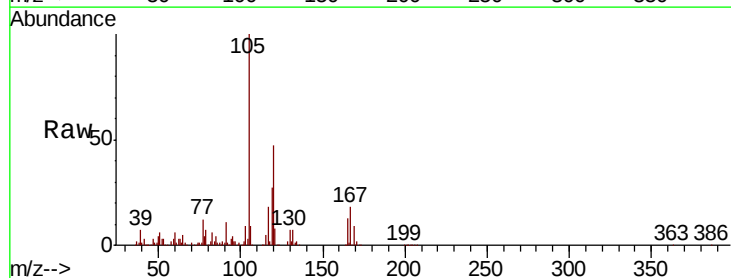
Manual Integrations
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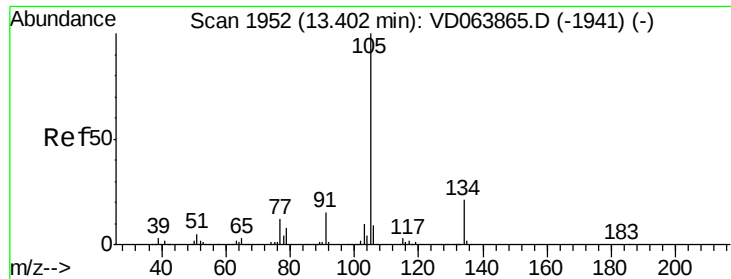
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#84
1,2,4-Trimethylbenzene
Concen: 46.922 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.8	71.5





#85

sec-Butylbenzene

Concen: 46.983 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 504569

Ion Ratio Lower Upper

105 100

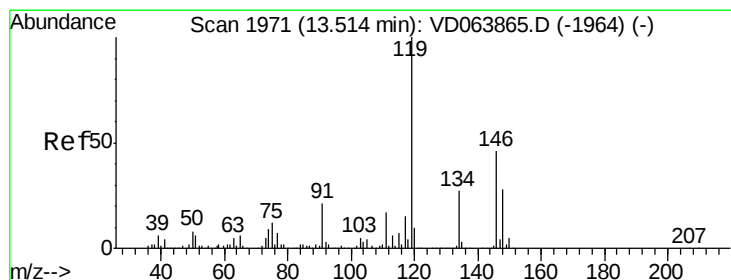
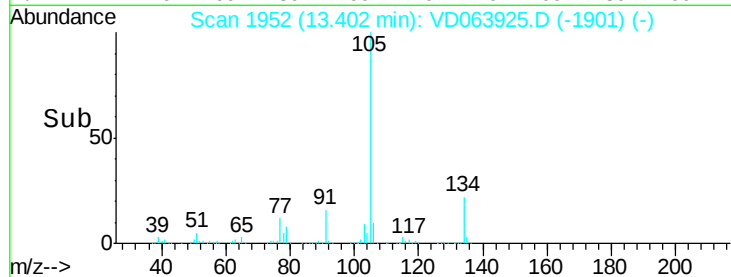
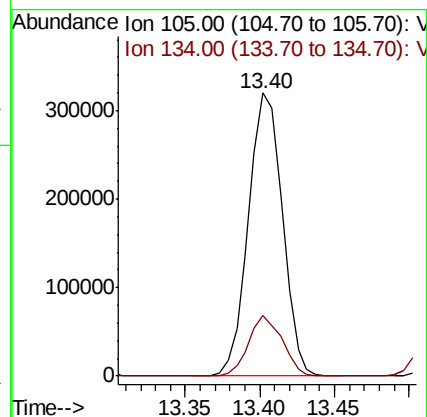
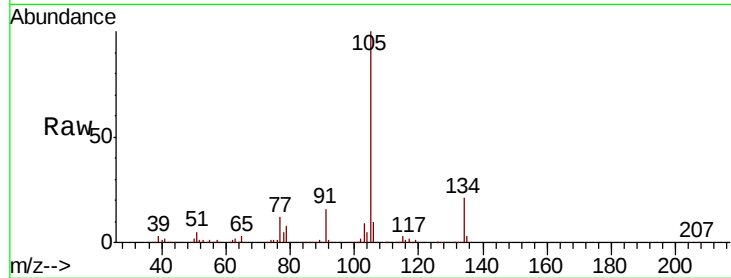
134 21.3 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.244 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

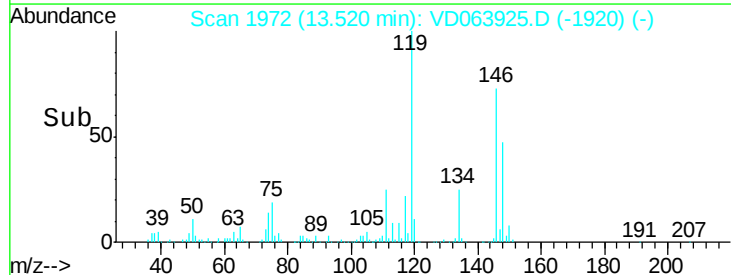
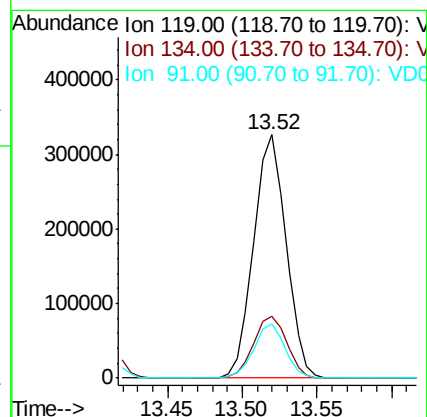
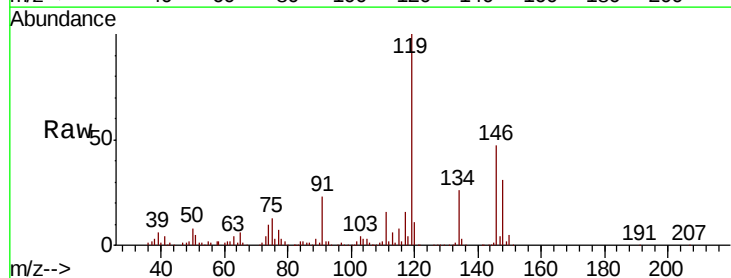
Tgt Ion:119 Resp: 490276

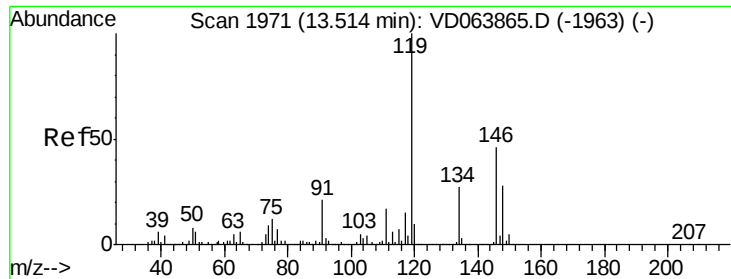
Ion Ratio Lower Upper

119 100

134 26.0 13.9 41.6

91 21.7 11.2 33.5





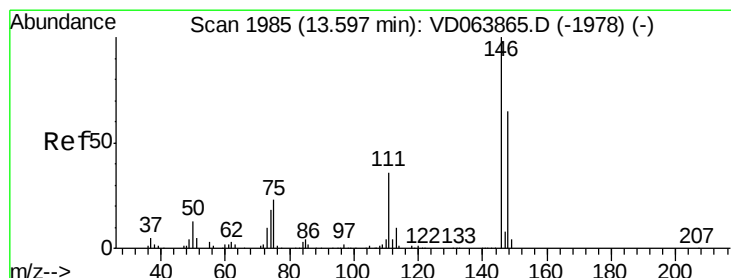
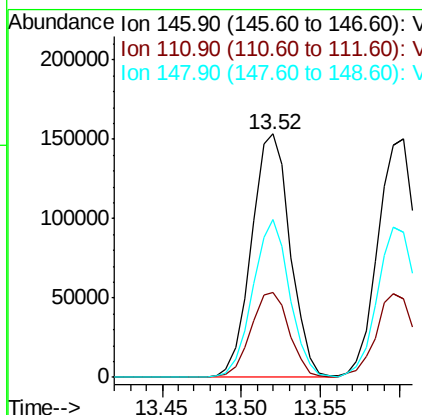
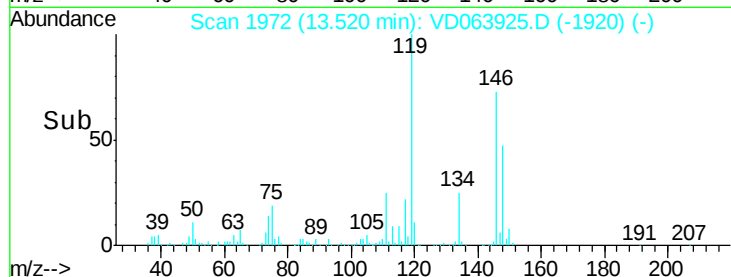
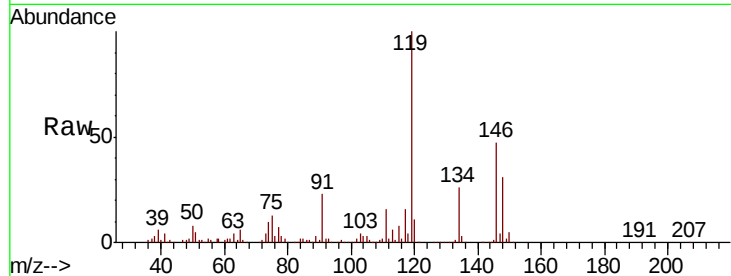
#87
 1,3-Dichlorobenzene
 Concen: 49.334 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.3	54.9
148	61.7	31.8	95.4

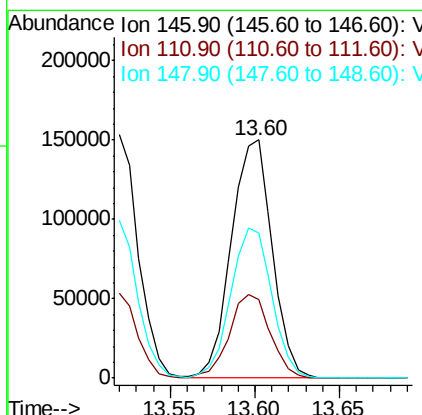
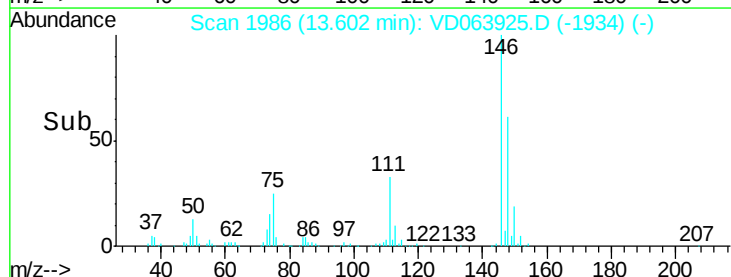
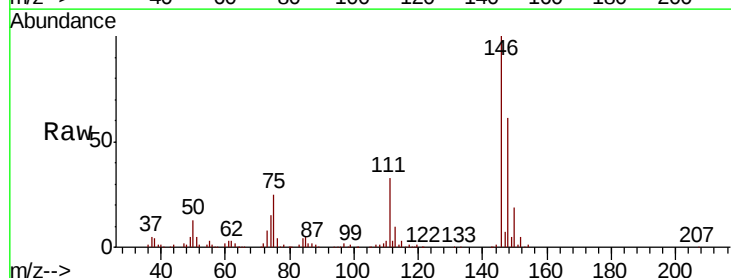
Manual Integrations
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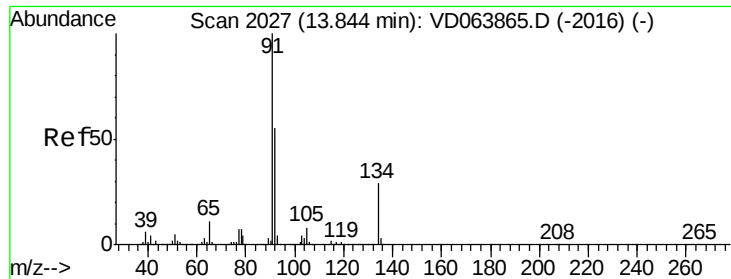
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#88
 1,4-Dichlorobenzene
 Concen: 48.650 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	18.6	56.0
148	63.0	32.6	98.0





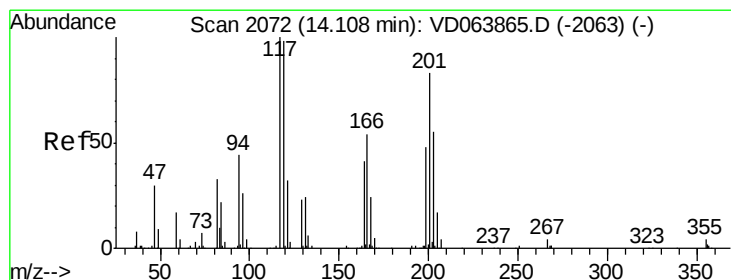
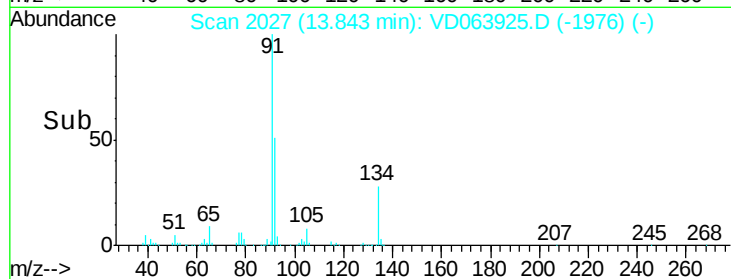
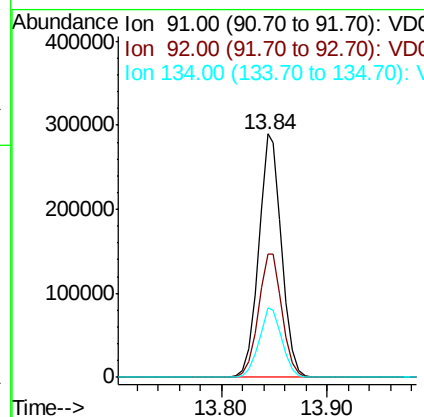
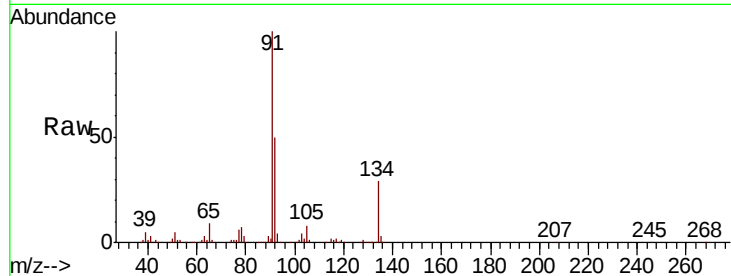
#89
n-Butylbenzene
Concen: 46.026 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.3
134	28.8	14.4	43.0

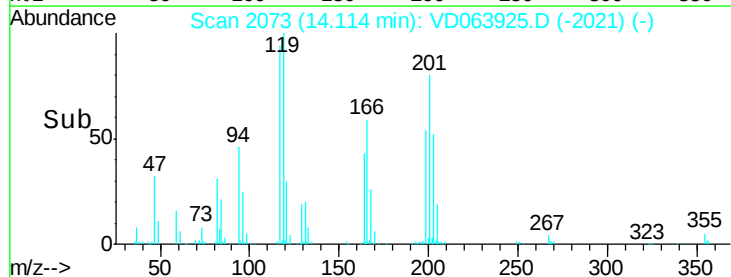
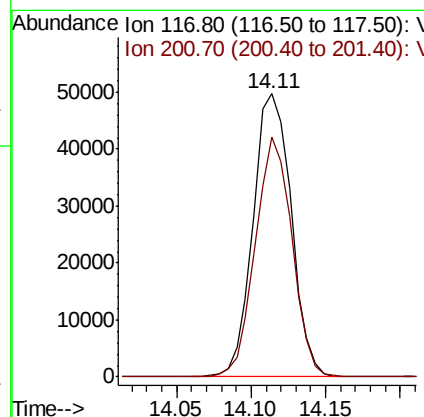
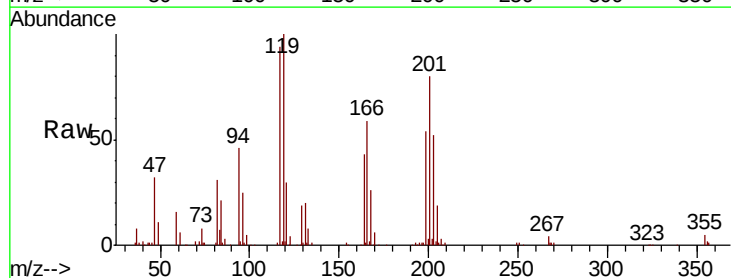
Manual Integrations
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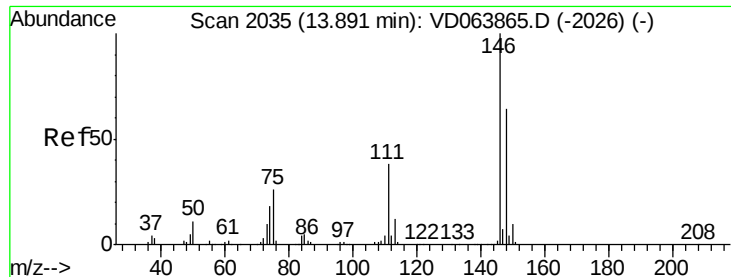
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#90
Hexachloroethane
Concen: 48.004 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	40.6	121.7





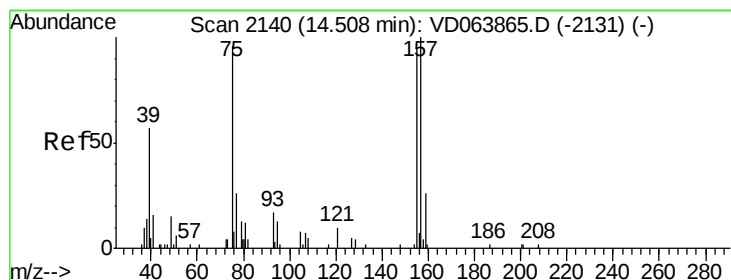
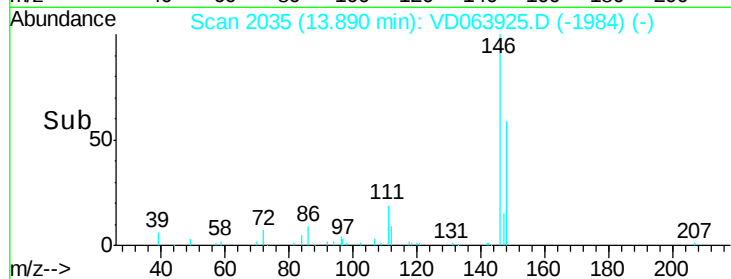
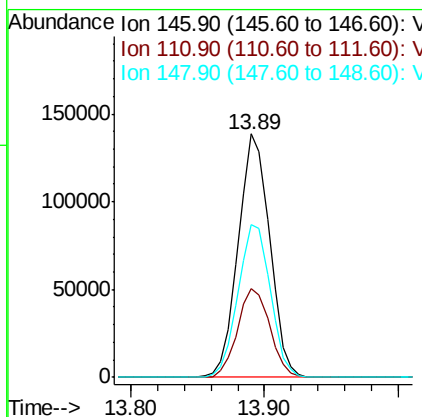
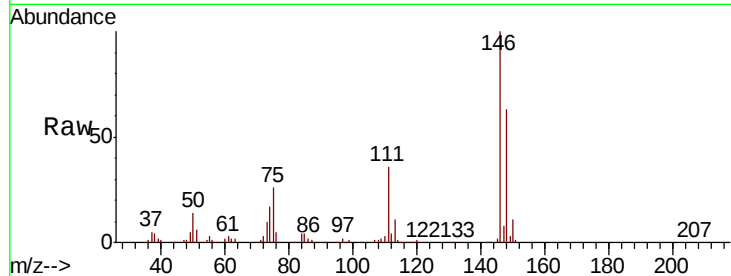
#91
 1,2-Dichlorobenzene
 Concen: 49.875 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	64.5	31.6	95.0

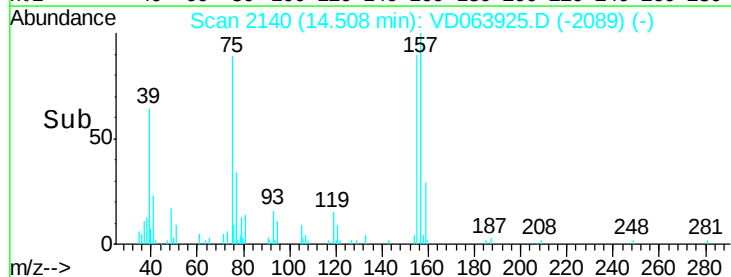
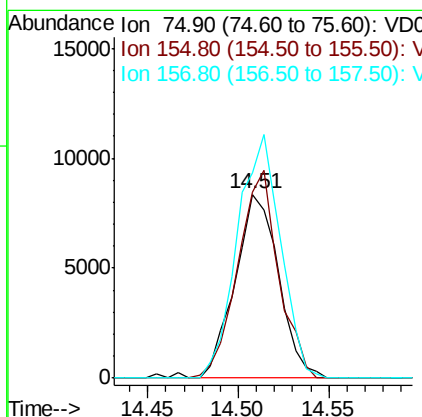
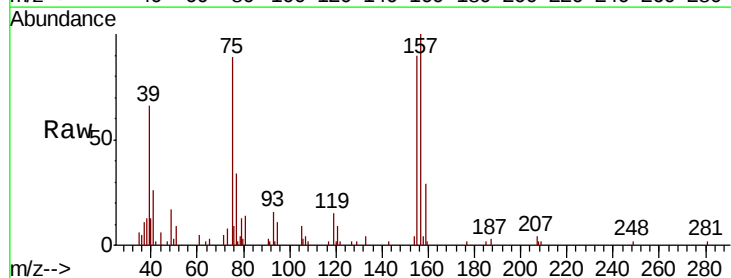
Manual Integrations
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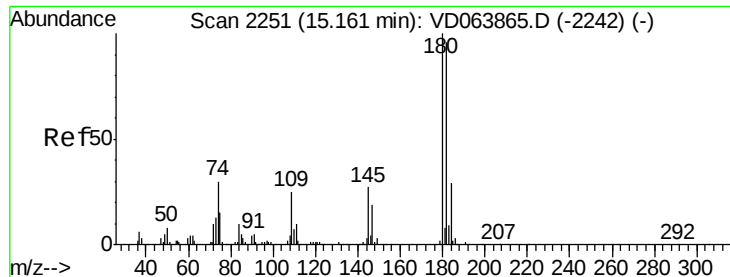
MMDadoda
 10/11/2019 10:24:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.134 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.4	43.9	131.6
157	131.2	56.0	167.9





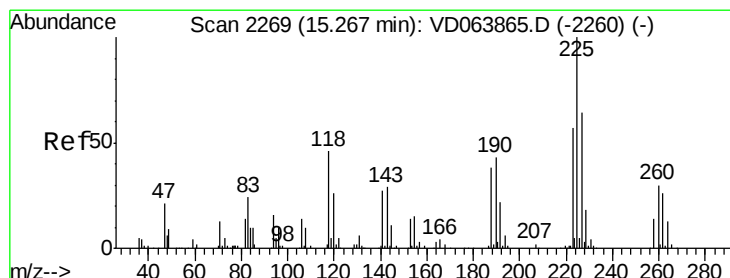
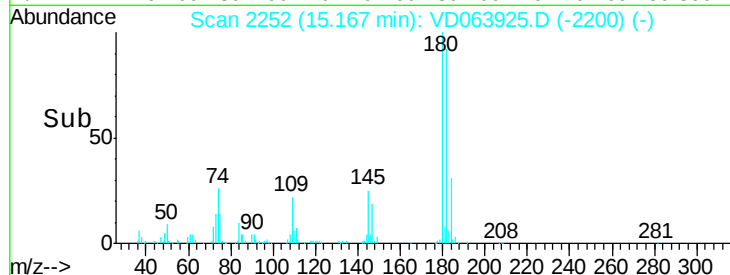
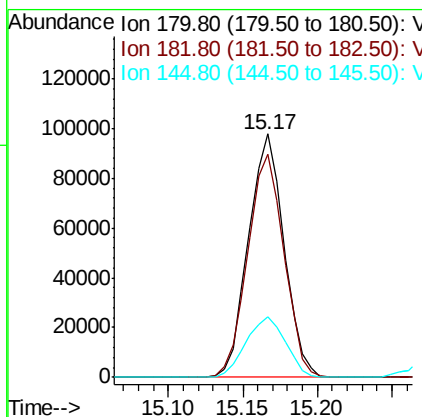
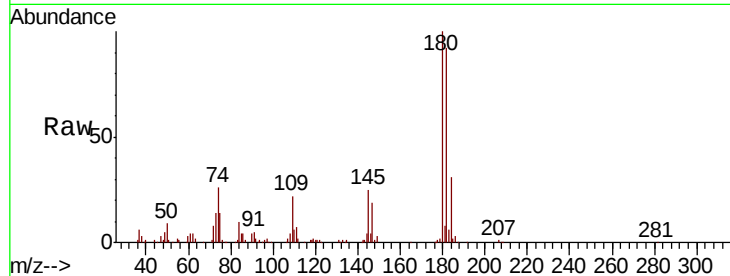
#93
 1,2,4-Trichlorobenzene
 Concen: 45.921 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160999		
182	93.4	47.4	142.3	
145	27.9	13.9	41.7	

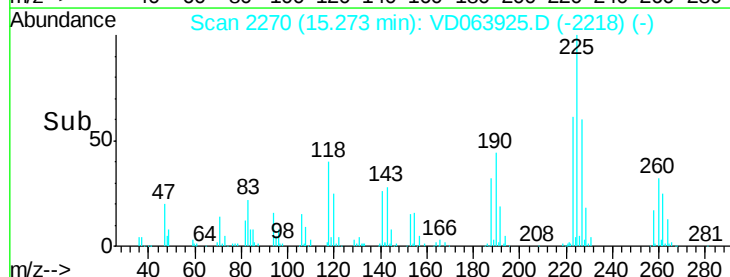
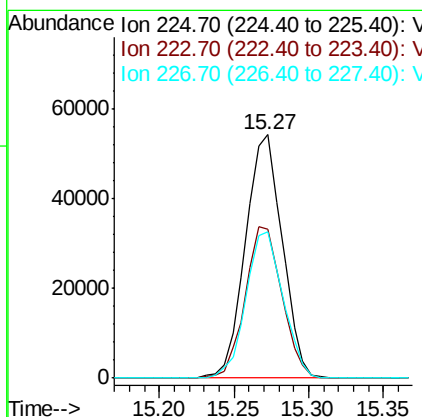
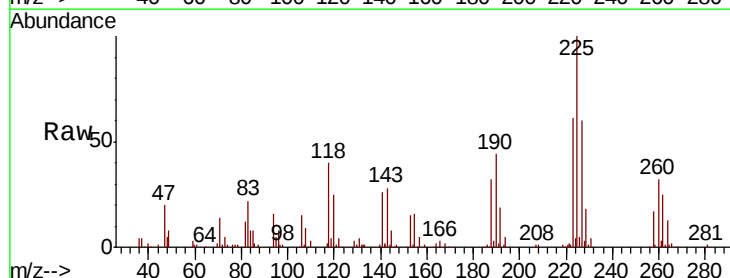
Manual Integrations
 APPROVED

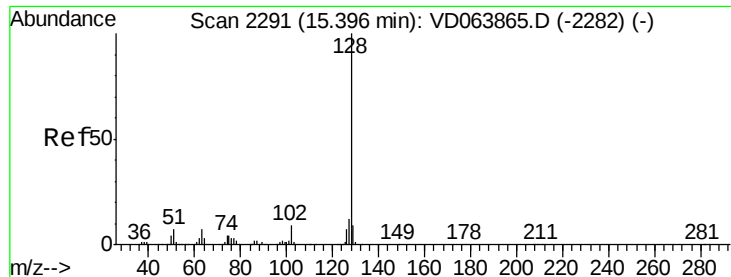
MMDadoda
 10/11/2019 10:24:21 AM



#94
 Hexachlorobutadiene
 Concen: 47.943 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92758		
223	61.7	29.5	88.6	
227	60.4	30.8	92.4	





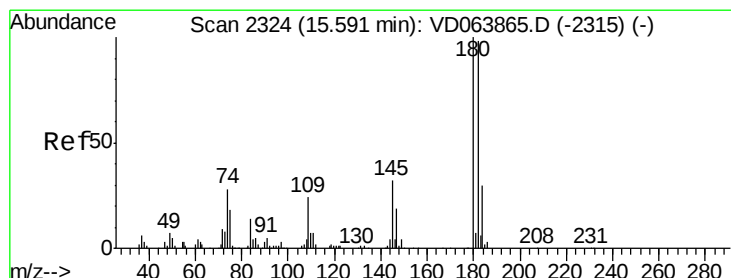
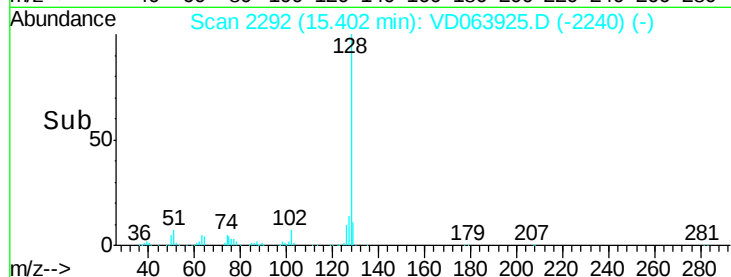
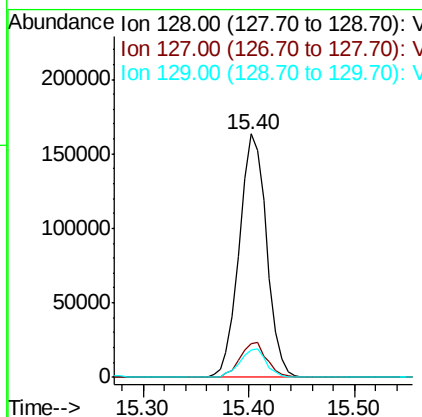
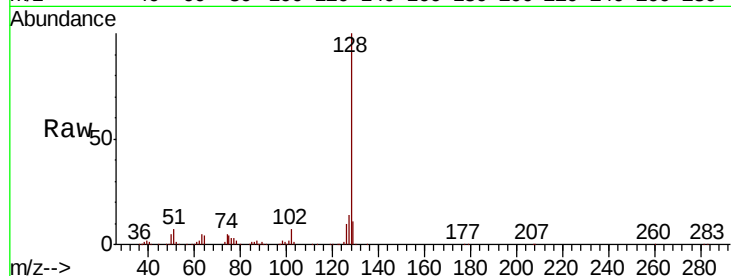
#95
Naphthalene
Concen: 49.643 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	14.1	10.6	16.0
129	11.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/11/2019 10:24:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.961 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	47.0	141.0
145	29.6	15.3	45.9

