

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063927.D
 Acq On : 11 Oct 2019 10:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 4:13:41 PM

Quant Time: Oct 12 01:43:50 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	199532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	307851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	171131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	86952	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	7.91	113	87936	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.34	98	367430	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.63	95	124331	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	59982	42.389	ug/l	91
3) Chloromethane	2.21	50	193341	50.638	ug/l	96
4) Vinyl Chloride	2.35	62	223166	48.796	ug/l	100
5) Bromomethane	2.77	94	129251	43.960	ug/l	97
6) Chloroethane	2.93	64	146357	48.390	ug/l	96
7) Trichlorofluoromethane	3.27	101	305579	50.536	ug/l	94
8) Diethyl Ether	3.71	74	44404	45.752	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	78314	46.789	ug/l	96
10) Methyl Iodide	4.29	142	107151	46.459	ug/l	100
11) Tert butyl alcohol	5.24	59	27801	204.542	ug/l	97
12) 1,1-Dichloroethene	4.06	96	77647	46.433	ug/l	93
13) Acrolein	3.92	56	37513	216.212	ug/l	92
14) Allyl chloride	4.71	41	125101	44.997	ug/l	99
15) Acrylonitrile	5.43	53	100468	234.794	ug/l	97
16) Acetone	4.16	43	124075	245.322	ug/l	95
17) Carbon Disulfide	4.40	76	263204	43.299	ug/l #	96
18) Methyl Acetate	4.73	43	45834	46.334	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	195224	45.084	ug/l	96
20) Methylene Chloride	4.96	84	102704	45.494	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	99278	47.690	ug/l	95
22) Diisopropyl ether	6.36	45	270813	47.694	ug/l	97
23) Vinyl Acetate	6.31	43	801779	237.366	ug/l	99
24) 1,1-Dichloroethane	6.26	63	165961	47.452	ug/l	96
25) 2-Butanone	7.22	43	147227	245.631	ug/l	93
26) 2,2-Dichloropropane	7.21	77	152582	48.228	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	112368	47.689	ug/l	99
28) Bromochloromethane	7.55	49	71914	53.931	ug/l	96
29) Tetrahydrofuran	7.57	42	78972	225.732	ug/l	96
30) Chloroform	7.71	83	177592	46.751	ug/l	93
31) Cyclohexane	7.98	56	154229	53.626	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	163722	50.244	ug/l	98
36) 1,1-Dichloropropene	8.11	75	147257	52.316	ug/l	99
37) Ethyl Acetate	7.30	43	54554	48.190	ug/l	99
38) Carbon Tetrachloride	8.10	117	148359	52.158	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	182187	52.642	ug/l	93
40) Benzene	8.35	78	415680	51.533	ug/l	96
41) Methacrylonitrile	7.53	41	28553	43.753	ug/l	94
42) 1,2-Dichloroethane	8.43	62	114192	48.940	ug/l	100
43) Isopropyl Acetate	8.46	43	108217	45.844	ug/l	97
44) Trichloroethene	9.11	130	119788	51.500	ug/l	99
45) 1,2-Dichloropropane	9.39	63	98420	49.850	ug/l	90
46) Dibromomethane	9.48	93	55469	49.332	ug/l	96
47) Bromodichloromethane	9.67	83	142688	49.289	ug/l	96
48) Methyl methacrylate	9.46	41	49895	44.115	ug/l	96
49) 1,4-Dioxane	9.47	88	14579	949.887	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	283124	231.266	ug/l	98
52) Toluene	10.40	92	283613	51.218	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	136620	48.362	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	160215	49.270	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	78809	49.640	ug/l	97
56) Ethyl methacrylate	10.66	69	96007	47.753	ug/l	97
57) 1,3-Dichloropropane	10.95	76	139625	51.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	190994	221.010	ug/l	100
59) 2-Hexanone	10.98	43	220723	249.242	ug/l	98
60) Dibromochloromethane	11.14	129	103665	50.154	ug/l	100
61) 1,2-Dibromoethane	11.25	107	78149	50.775	ug/l	100
64) Tetrachloroethene	10.88	164	106111	50.639	ug/l	92
65) Chlorobenzene	11.67	112	320407	51.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	114299	50.321	ug/l	100
67) Ethyl Benzene	11.74	91	581433	52.309	ug/l	97
68) m/p-Xylenes	11.86	106	463986	108.147	ug/l	97
69) o-Xylene	12.18	106	212128	51.635	ug/l	95
70) Styrene	12.20	104	360319	51.810	ug/l	100
71) Bromoform	12.36	173	64843	53.194	ug/l #	96
73) Isopropylbenzene	12.48	105	574557	49.943	ug/l	97
74) N-amyl acetate	12.29	43	110414	44.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	90278	45.096	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	59795m	52.169	ug/l	
77) Bromobenzene	12.76	156	141471	49.358	ug/l	95
78) n-propylbenzene	12.82	91	688024	50.951	ug/l	99
79) 2-Chlorotoluene	12.91	91	363318	48.795	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	491300	51.189	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	29915	46.186	ug/l	96
82) 4-Chlorotoluene	13.01	91	379493	48.045	ug/l	97
83) tert-Butylbenzene	13.23	119	426163	49.892	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	500860	50.620	ug/l	98
85) sec-Butylbenzene	13.40	105	607760	52.687	ug/l	99
86) p-Isopropyltoluene	13.52	119	584794	53.574	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	282402	49.865	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	281467	50.378	ug/l	99
89) n-Butylbenzene	13.84	91	535563	52.710	ug/l	99
90) Hexachloroethane	14.11	117	102652	52.287	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	250845	51.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14661	46.988	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	185153	49.166	ug/l	98
94) Hexachlorobutadiene	15.27	225	111745	53.772	ug/l	99
95) Naphthalene	15.40	128	312429	49.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	160637	49.440	ug/l	99

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

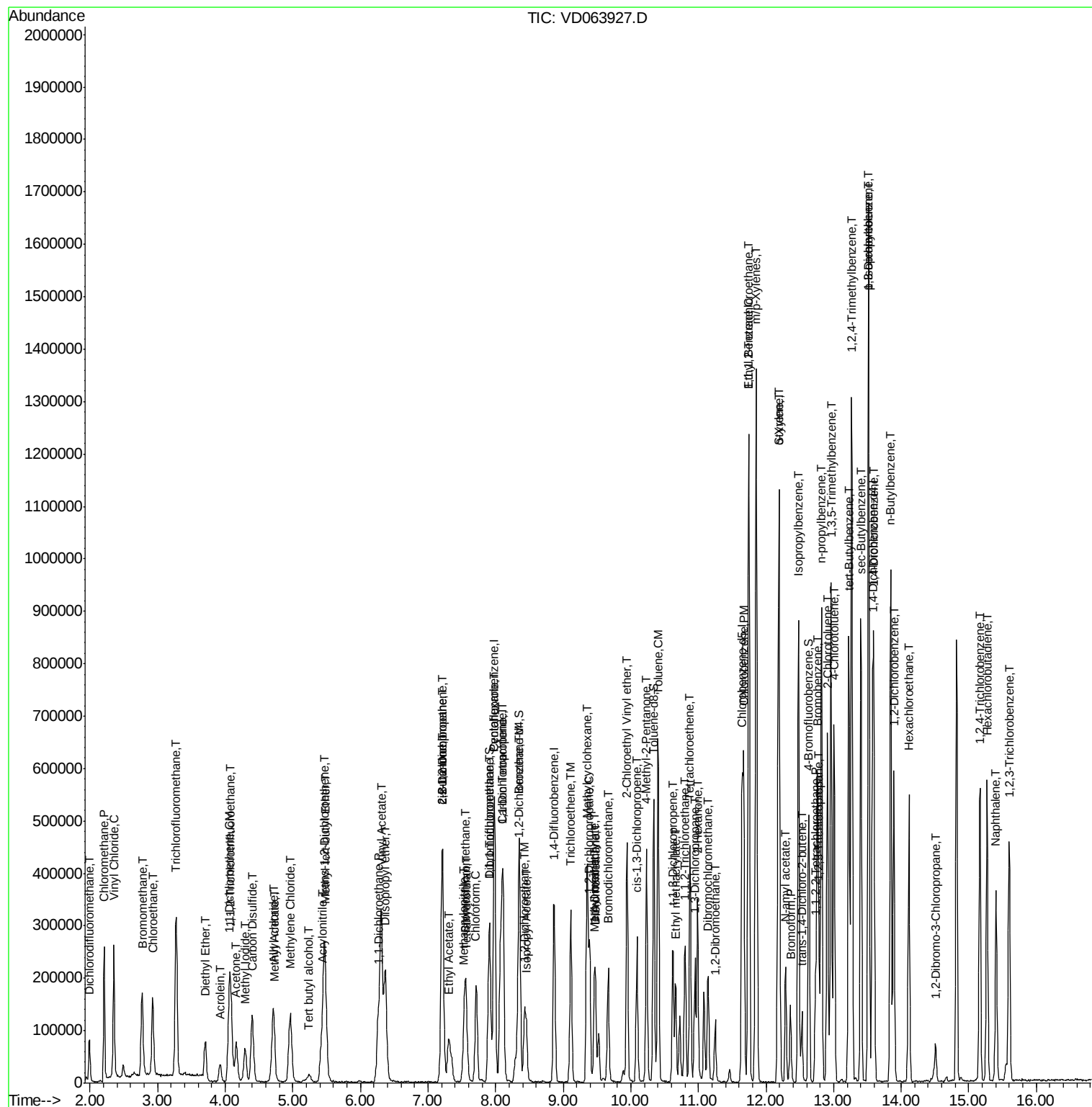
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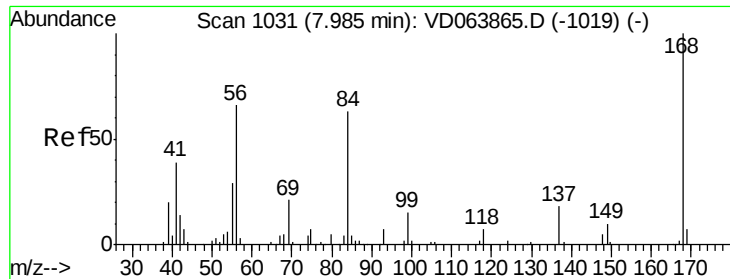
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 199532

Ion Ratio Lower Upper

168 100

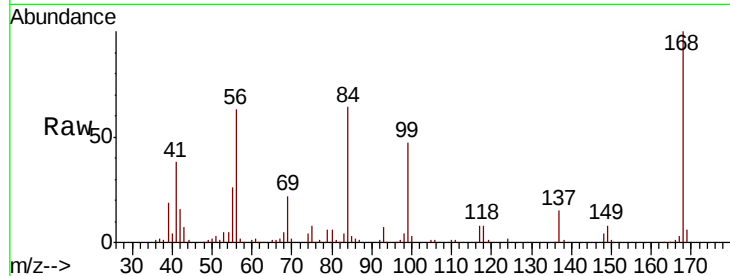
99 46.3 43.0 64.4

Manual Integrations

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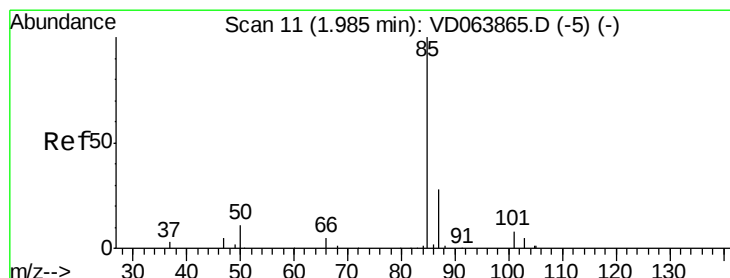
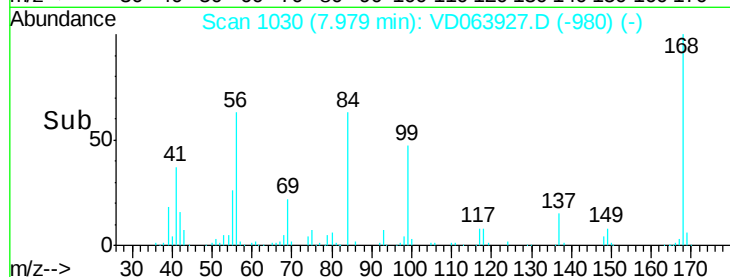
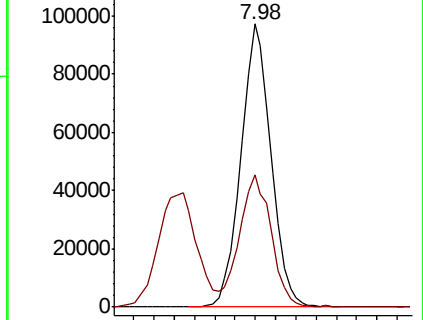
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.389 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063927.D

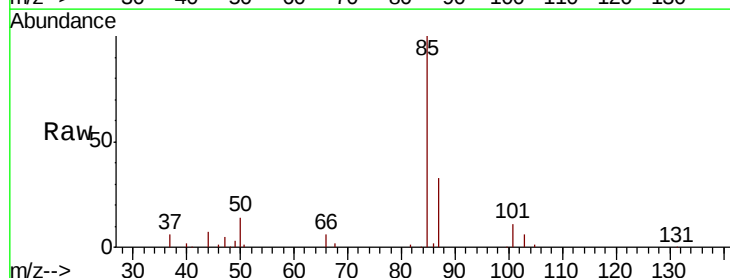
Acq: 11 Oct 2019 10:17

Tgt Ion: 85 Resp: 59982

Ion Ratio Lower Upper

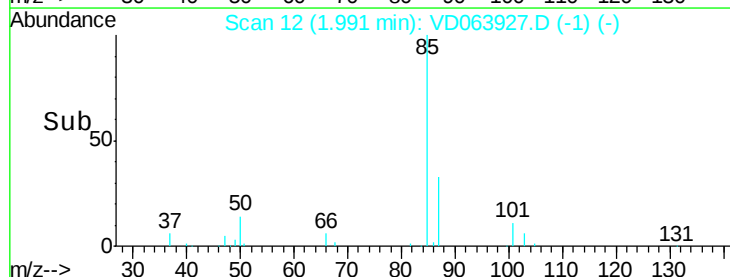
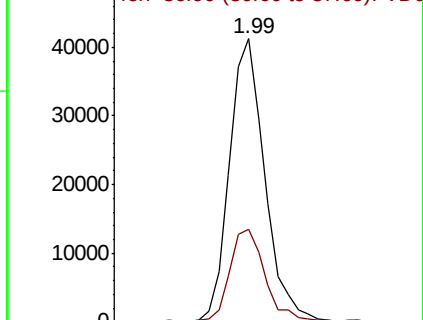
85 100

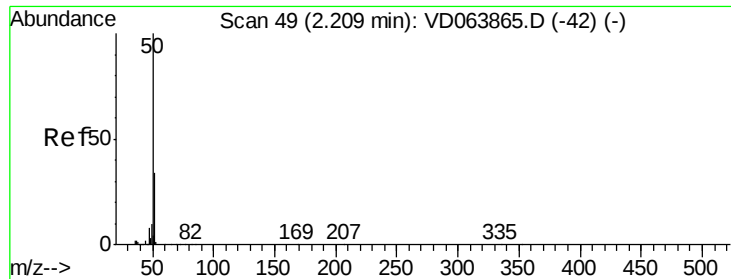
87 32.7 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 50.638 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 193341

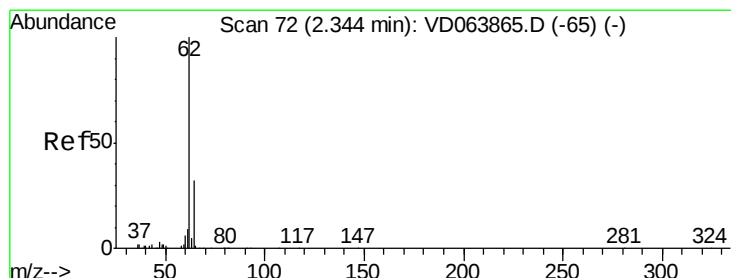
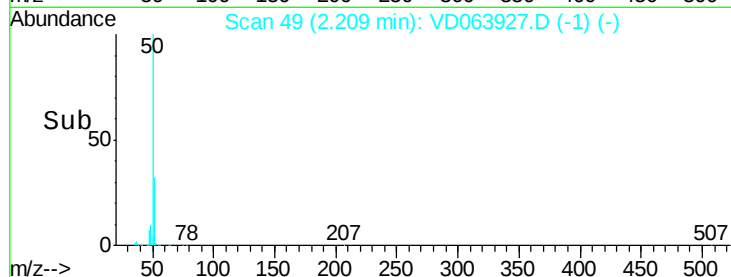
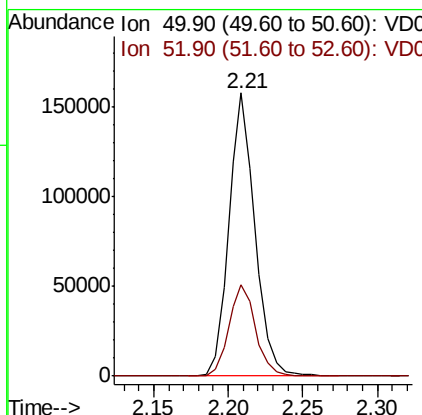
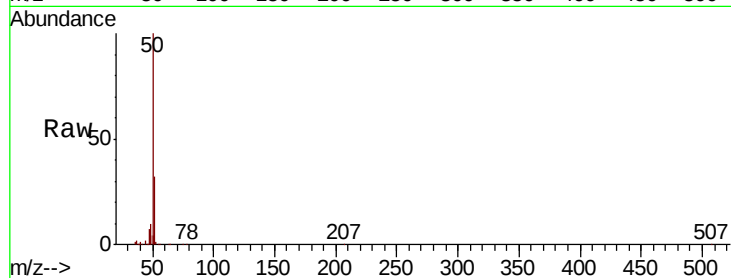
Ion Ratio Lower Upper

50 100

52 32.1 27.5 41.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.796 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD063927.D

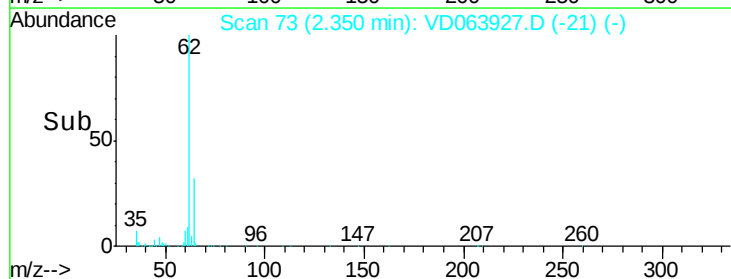
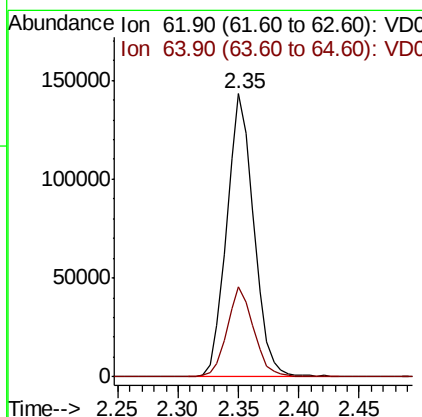
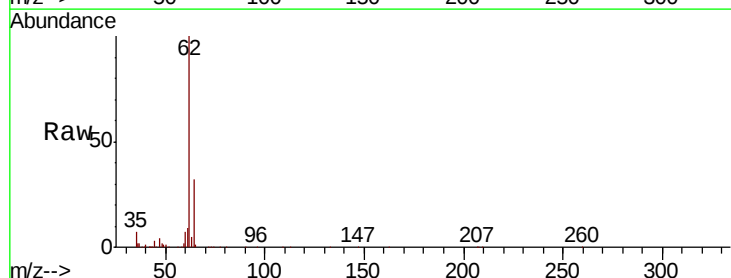
Acq: 11 Oct 2019 10:17

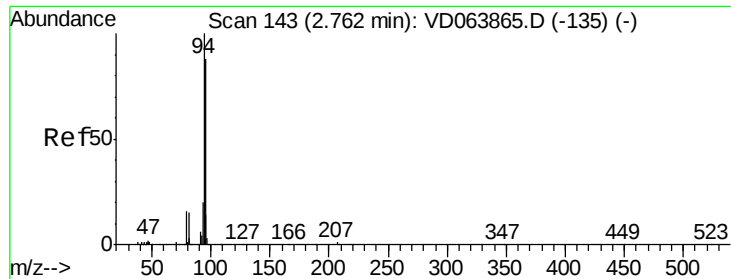
Tgt Ion: 62 Resp: 223166

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 43.960 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

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Tot Ion: 94 Resp: 129251

Ion Ratio Lower Upper

94 100

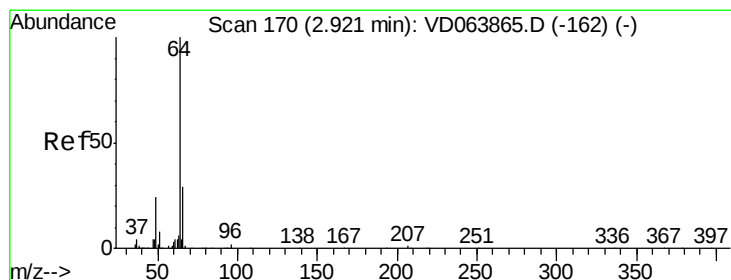
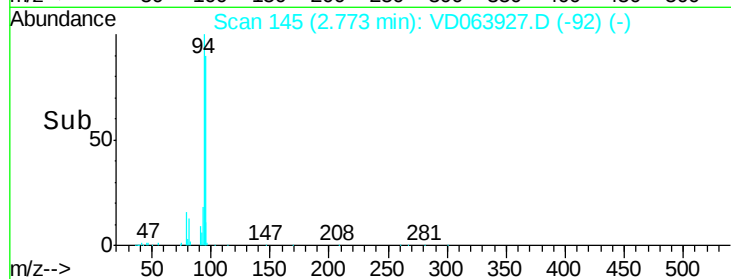
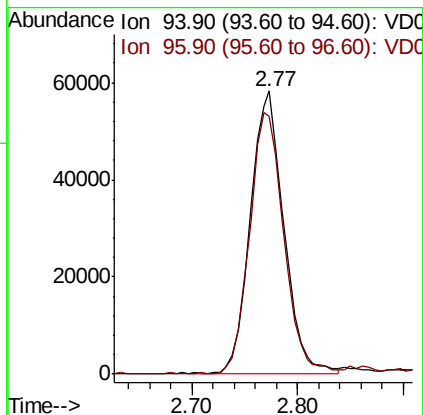
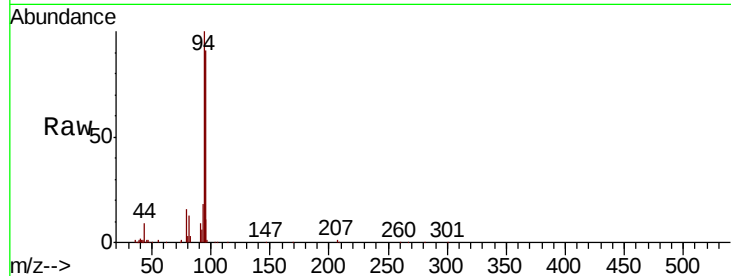
96 91.2 70.8 106.2

Manual Integrations

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#6

Chloroethane

Concen: 48.390 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063927.D

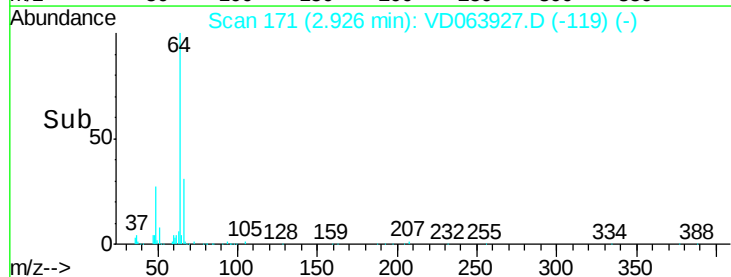
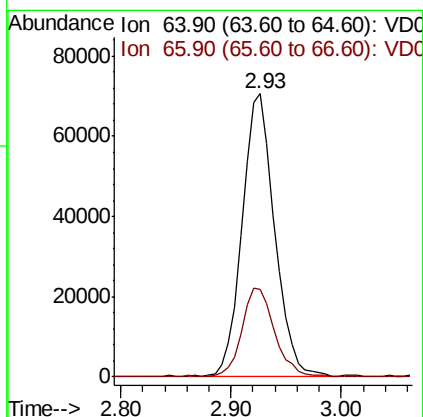
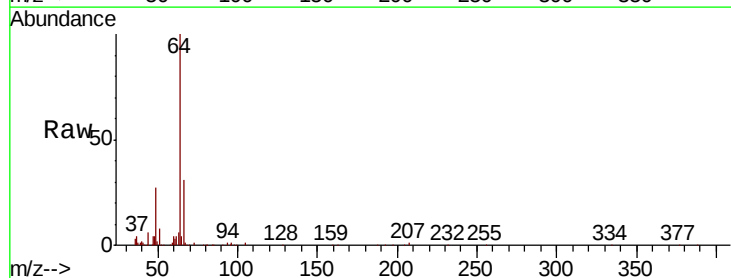
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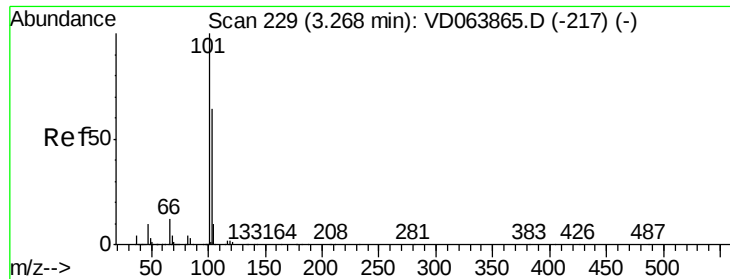
Tgt Ion: 64 Resp: 146357

Ion Ratio Lower Upper

64 100

66 30.7 23.0 34.4





#7

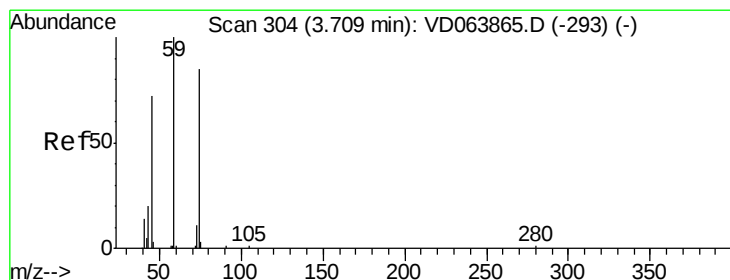
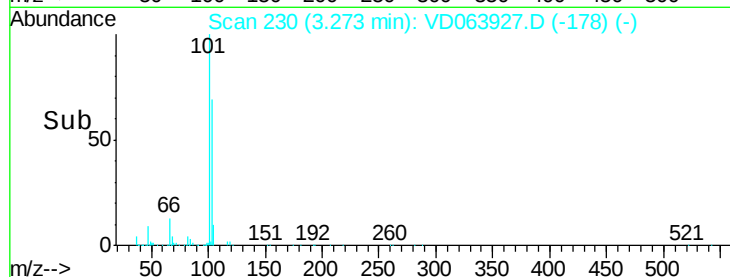
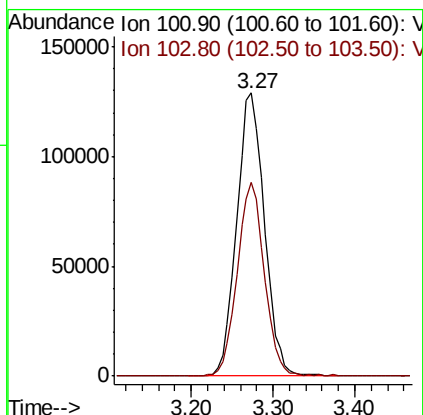
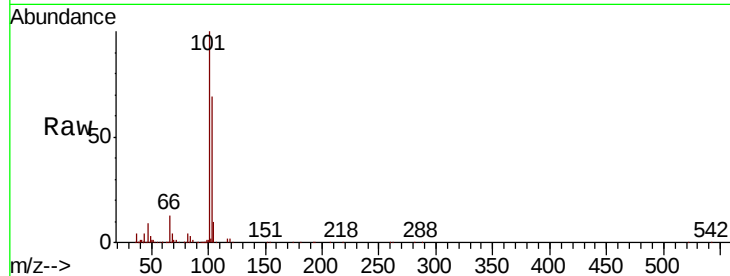
Trichlorofluoromethane
 Concen: 50.536 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.1	76.7

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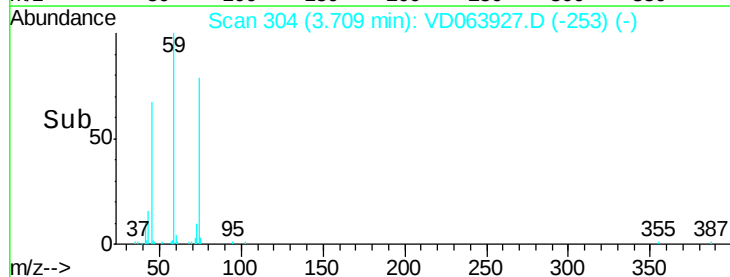
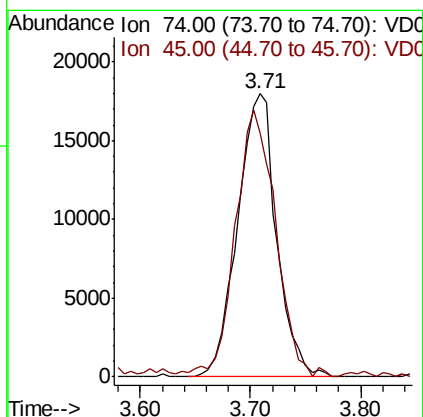
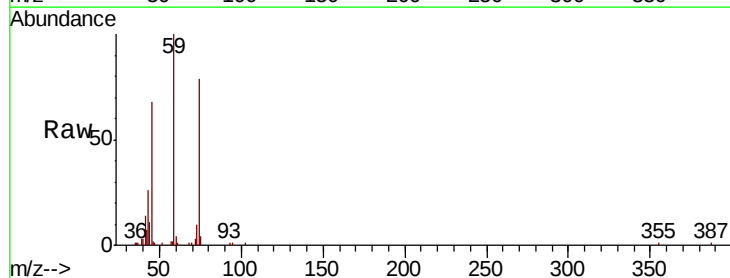
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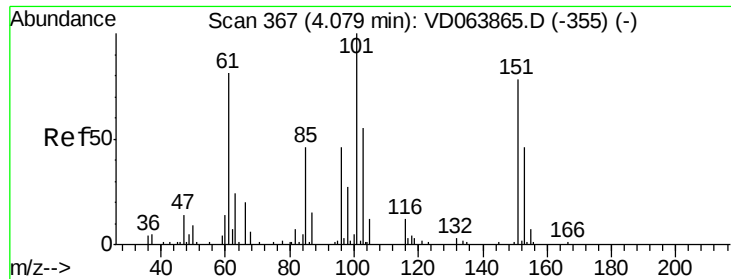


#8

Diethyl Ether
 Concen: 45.752 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.1	144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.789 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

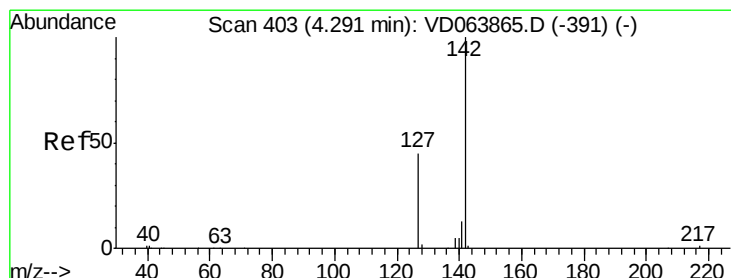
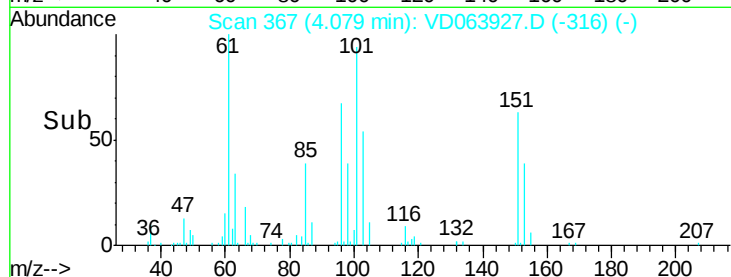
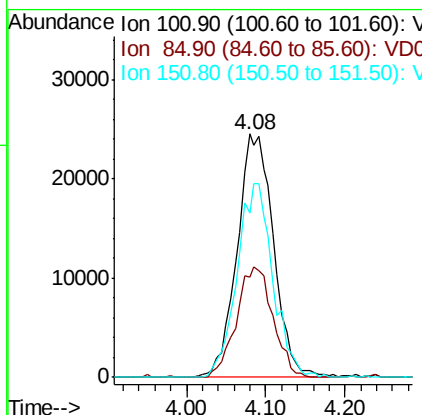
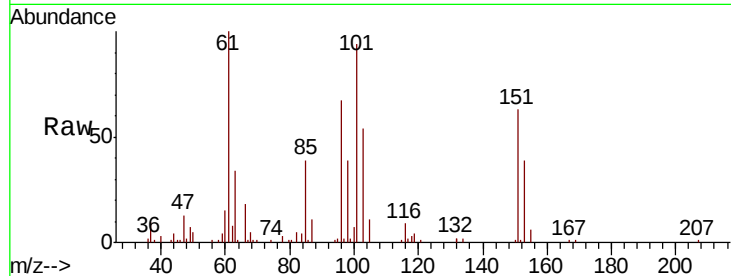
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	78314
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.5	56.3
151	77.7	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.459 ug/l

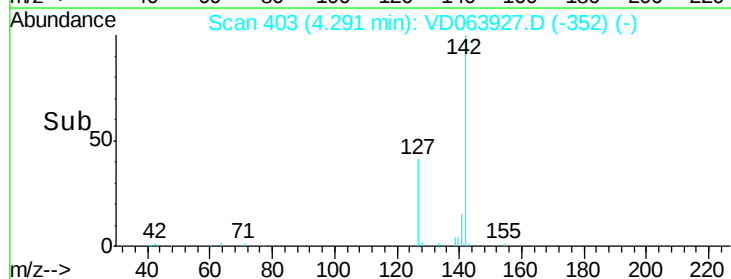
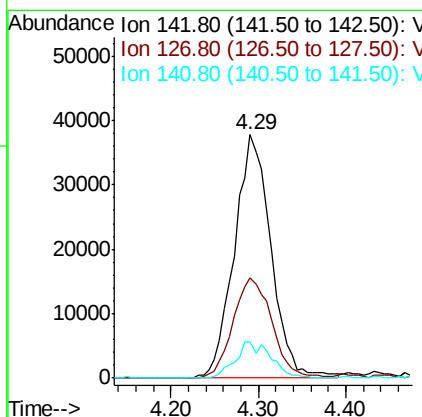
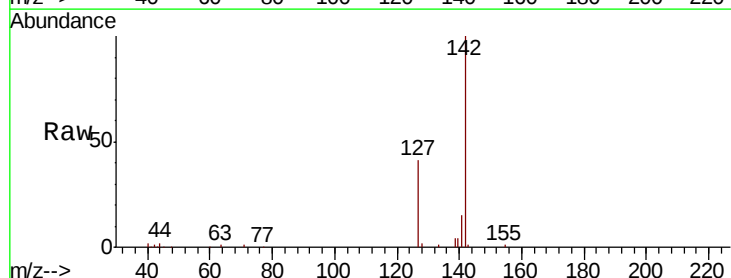
RT: 4.29 min Scan# 403

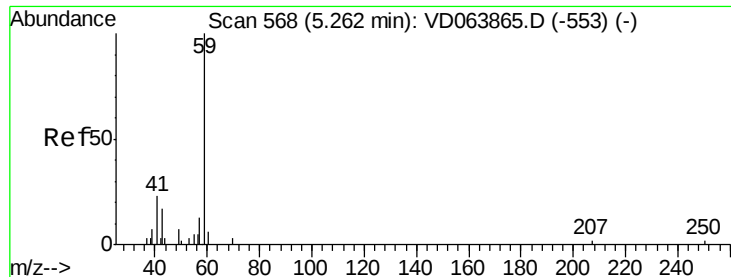
Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	142	Resp:	107151
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.3	52.9
141	14.7	12.2	18.2





#11

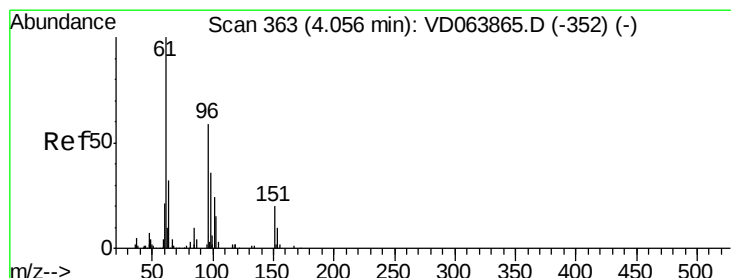
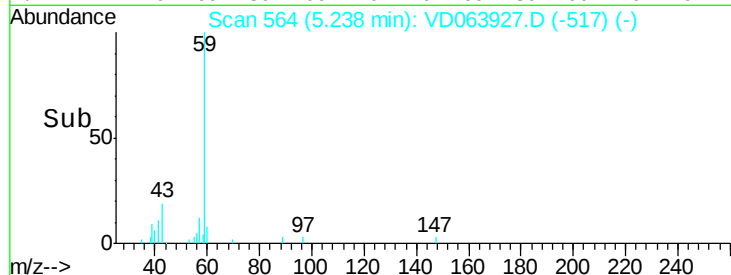
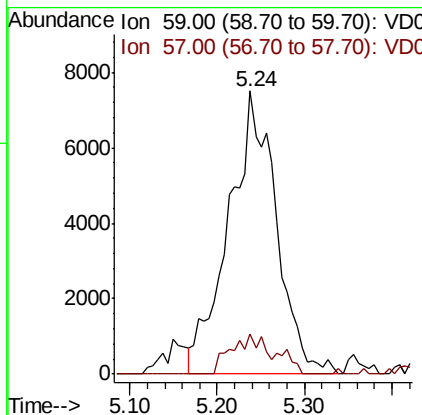
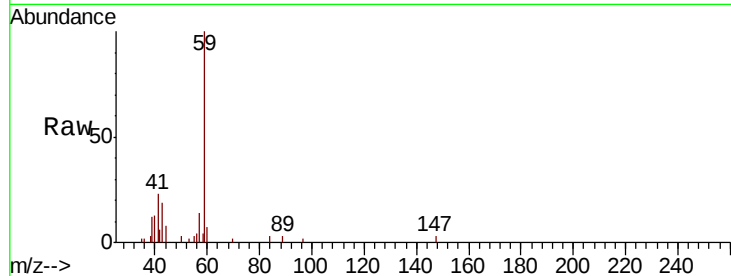
Tert butyl alcohol
Concen: 204.542 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.02 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.8	13.2

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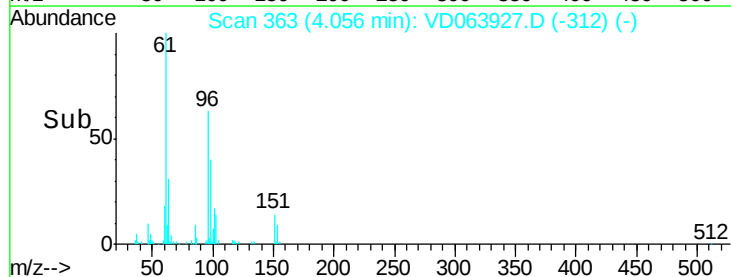
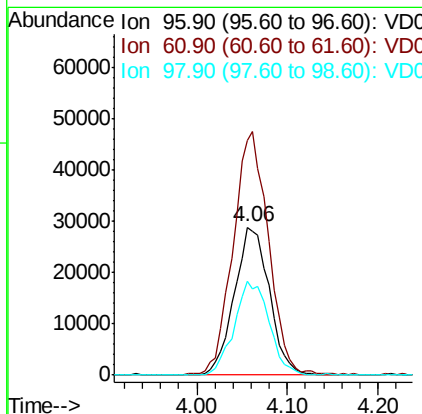
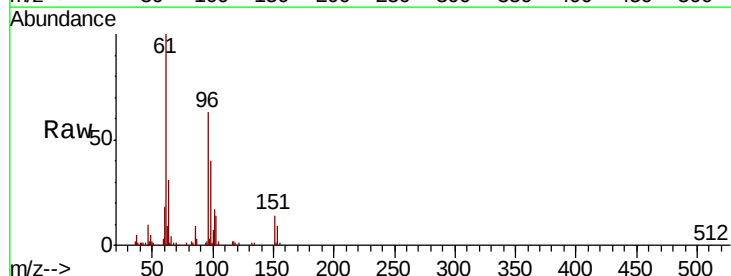
MMDadoda
10/15/2019 4:13:41 PM

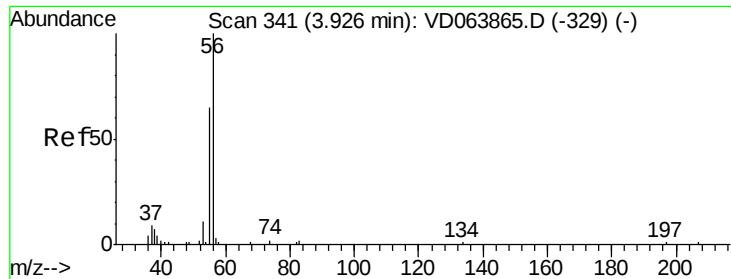


#12

1,1-Dichloroethene
Concen: 46.433 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	135.6	203.4
98	63.6	49.2	73.8





#13

Acrolein

Concen: 216.212 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 37513

Ion Ratio Lower Upper

56 100

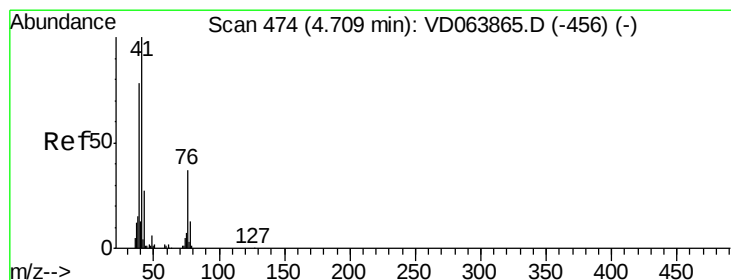
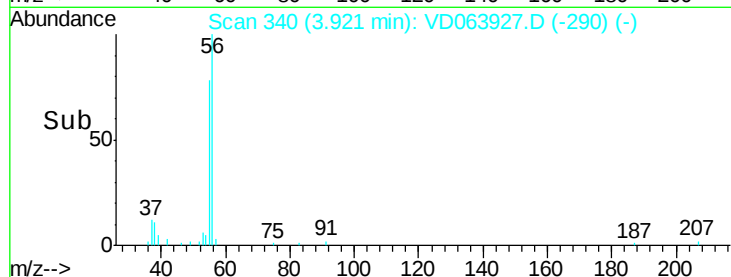
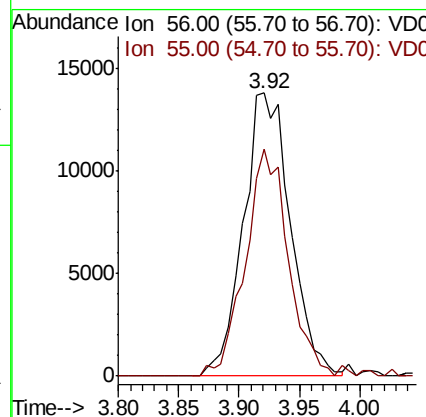
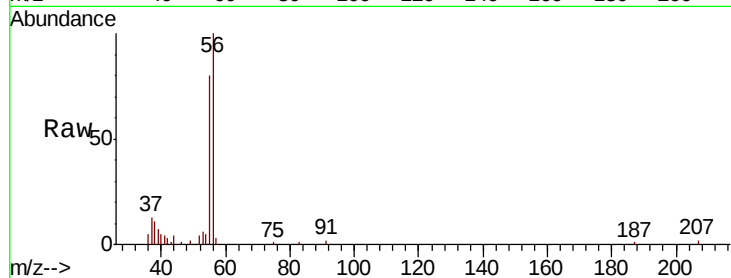
55 72.8 53.0 79.6

Manual Integrations

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#14

Allyl chloride

Concen: 44.997 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

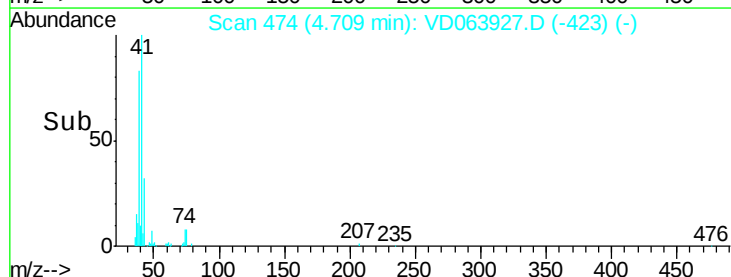
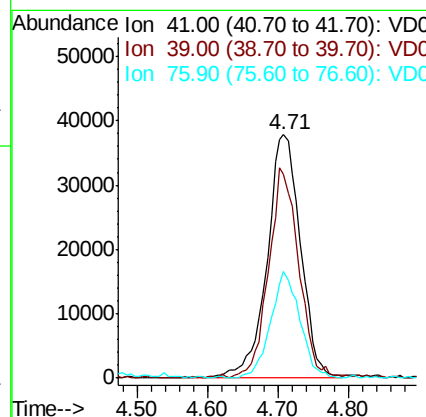
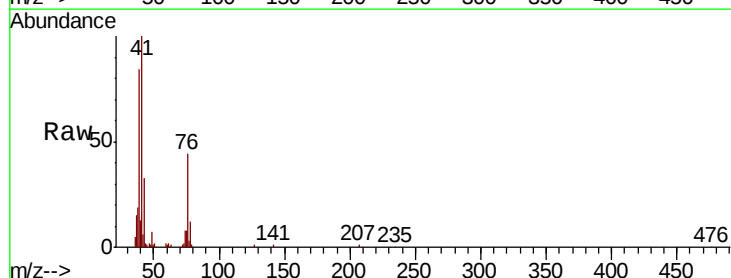
Tgt Ion: 41 Resp: 125101

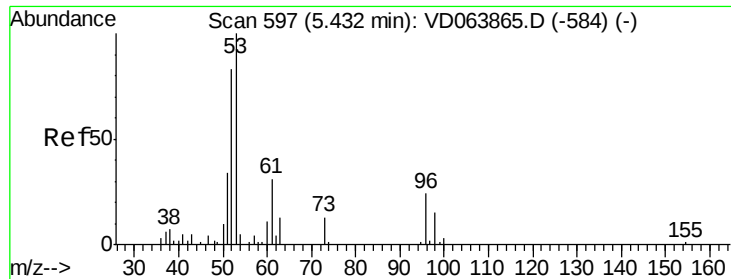
Ion Ratio Lower Upper

41 100

39 78.1 61.8 92.6

76 38.2 31.3 46.9





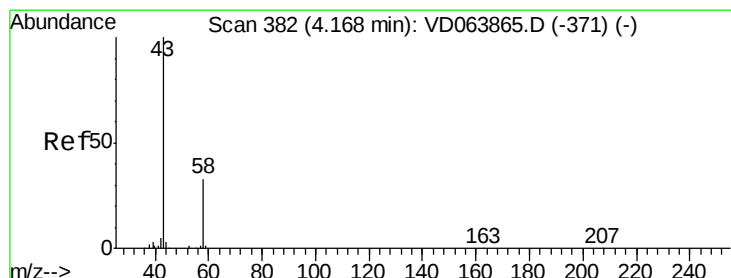
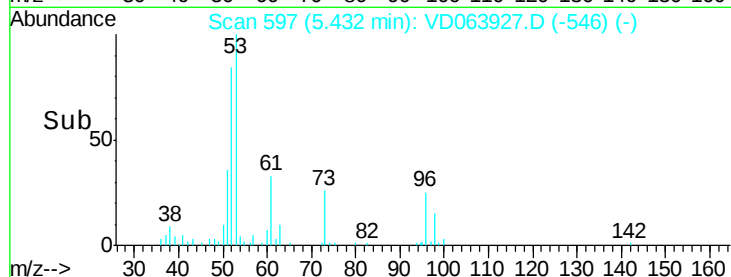
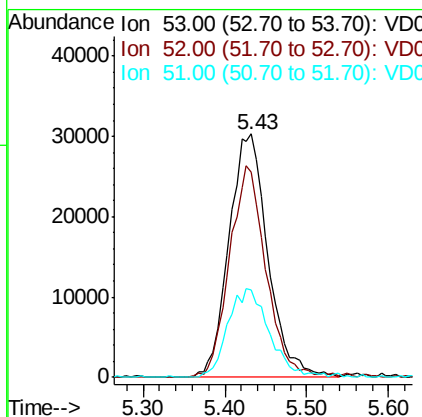
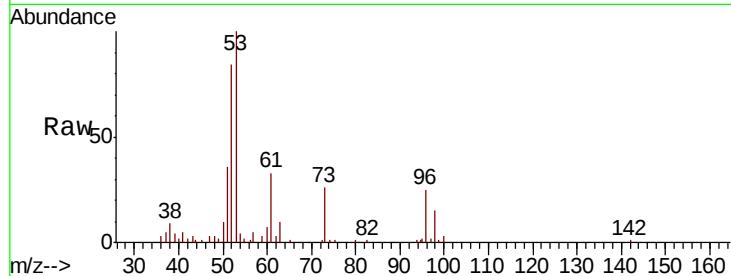
#15
 Acrylonitrile
 Concen: 234.794 ug/l
 RT: 5.43 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.1	67.3	100.9
51	38.6	30.5	45.7

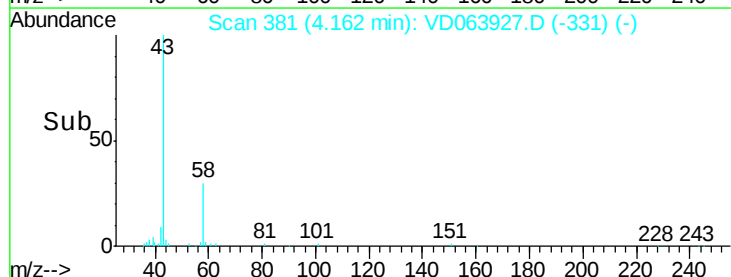
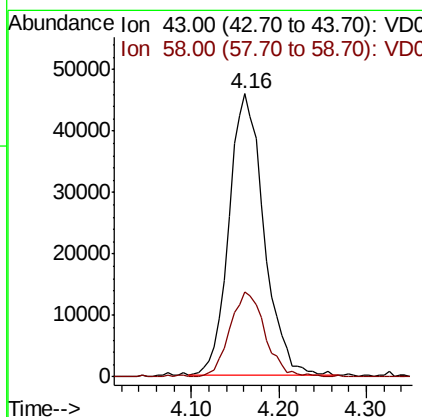
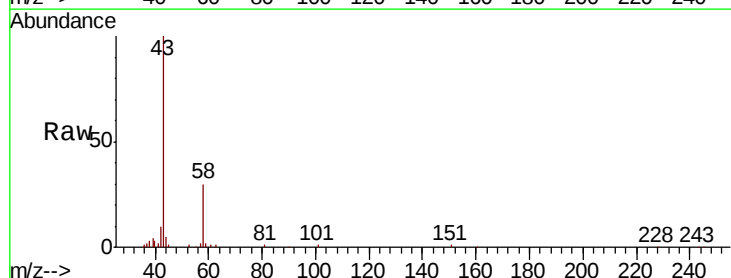
Manual Integrations
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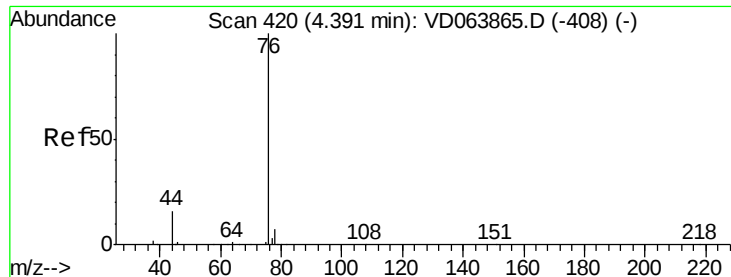
MMDadoda
 10/15/2019 4:13:41 PM



#16
 Acetone
 Concen: 245.322 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.2	39.4





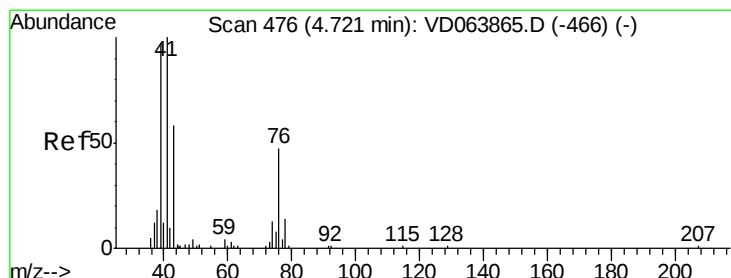
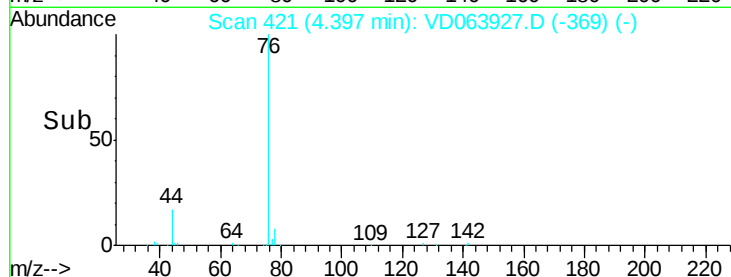
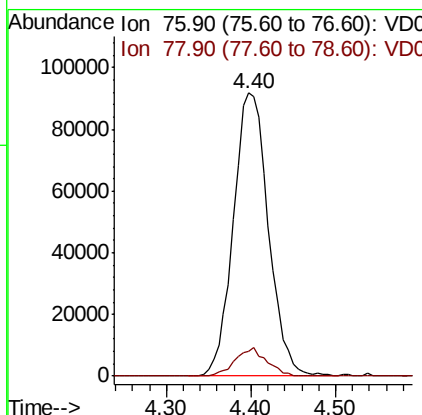
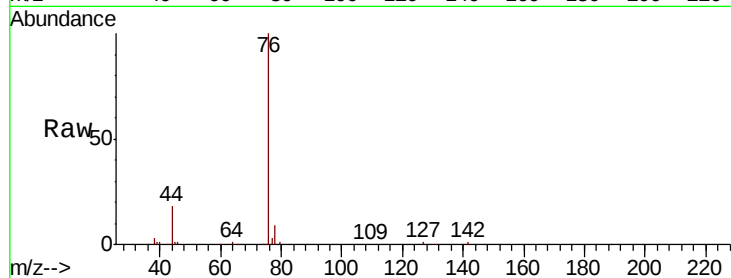
#17
Carbon Disulfide
Concen: 43.299 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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

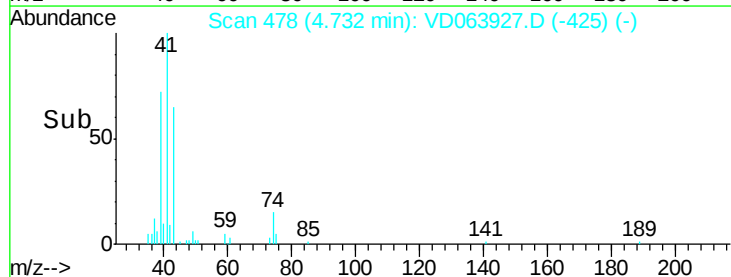
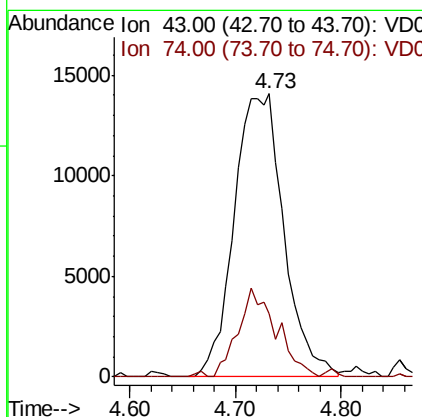
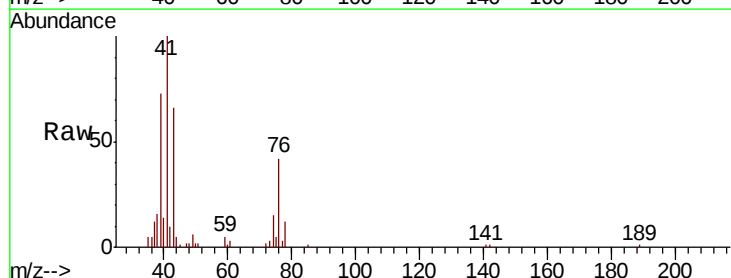
Manual Integrations
APPROVED

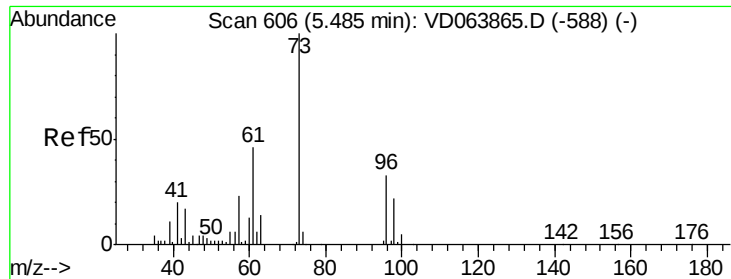
MMDadoda
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#18
Methyl Acetate
Concen: 46.334 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.8	31.2





#19

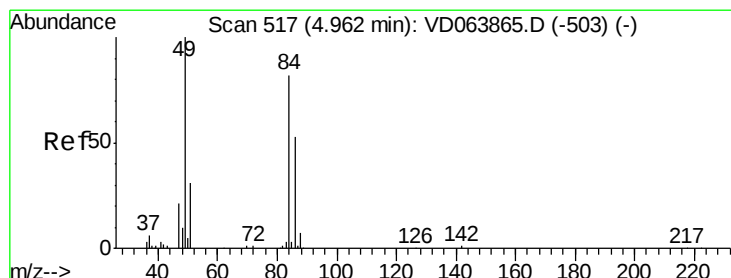
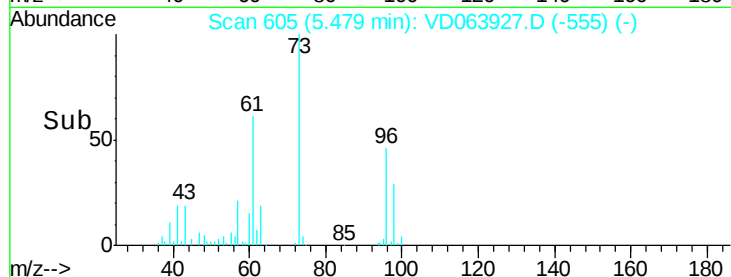
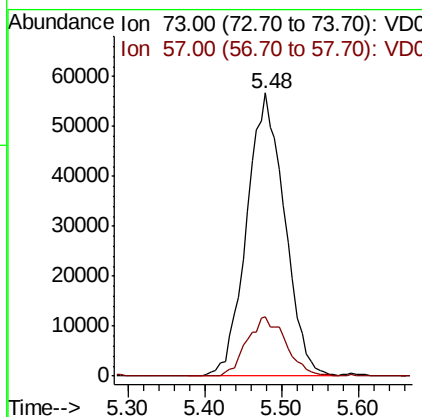
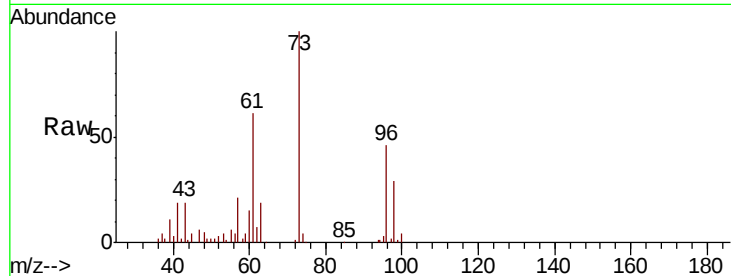
Methyl tert-butyl Ether
 Concen: 45.084 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	18.1	27.1

Manual Integrations
 APPROVED

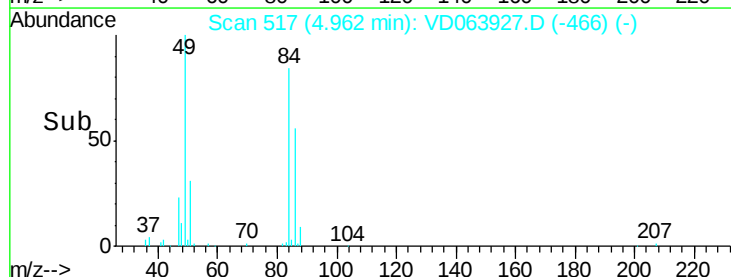
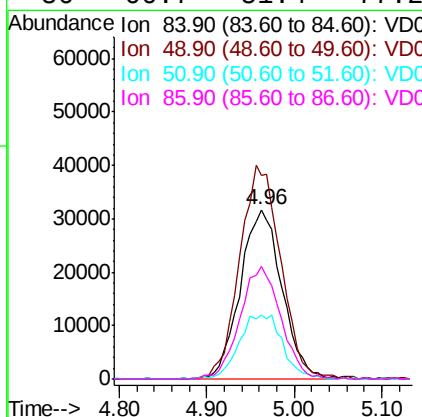
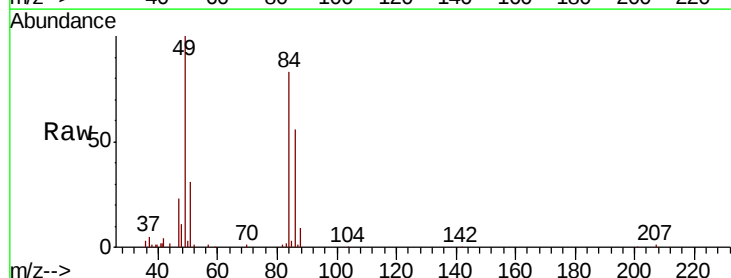
MMDadoda
 10/15/2019 4:13:41 PM

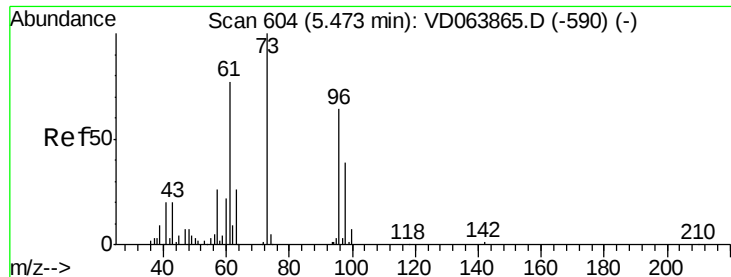


#20

Methylene Chloride
 Concen: 45.494 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	97.3	145.9
51	37.5	30.1	45.1
86	66.7	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 47.690 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

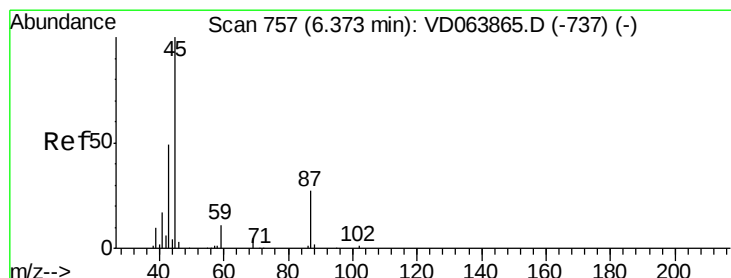
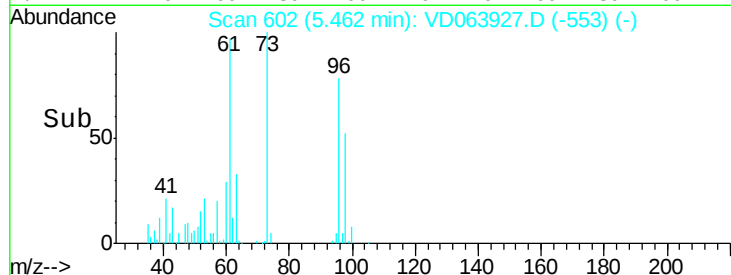
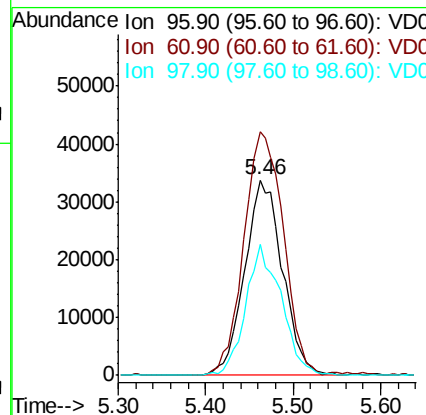
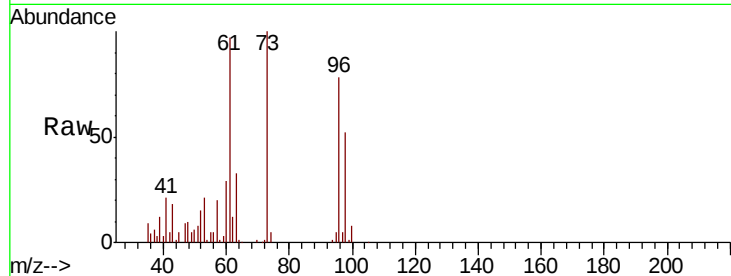
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	99278
Ion	Ratio	Lower	Upper
96	100		
61	124.6	96.6	145.0
98	67.2	48.7	73.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.694 ug/l

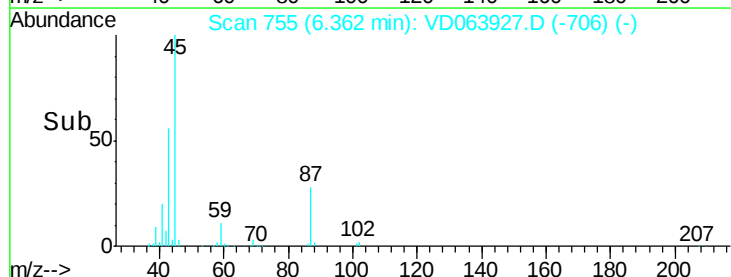
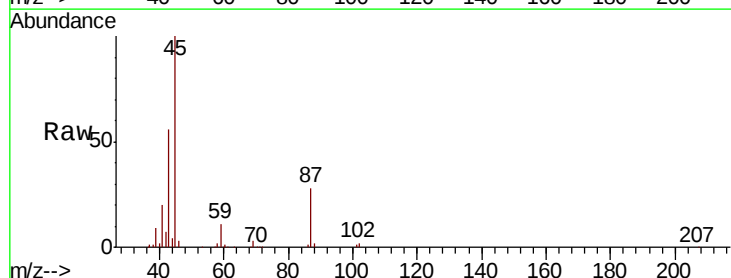
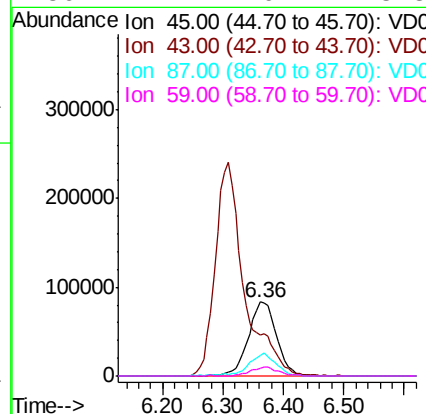
RT: 6.36 min Scan# 755

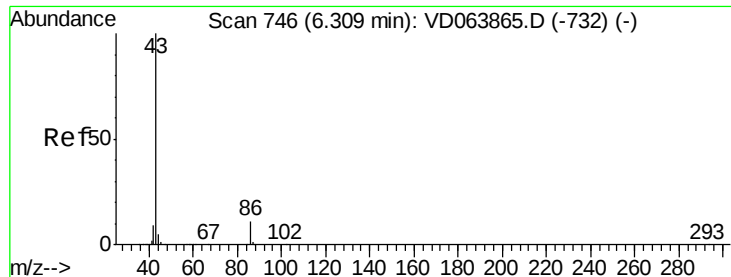
Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	45	Resp:	270813
Ion	Ratio	Lower	Upper
45	100		
43	55.2	41.2	61.8
87	27.7	22.2	33.4
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 237.366 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 801779

Ion Ratio Lower Upper

43 100

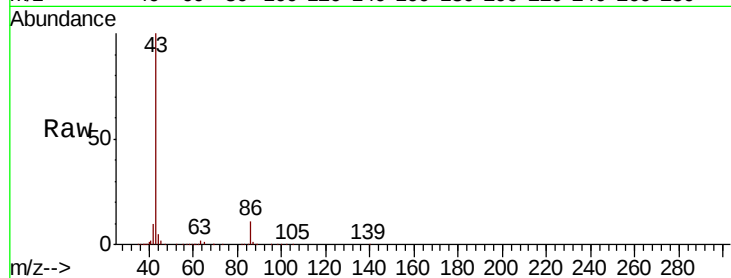
86 10.8 8.8 13.2

Manual Integrations

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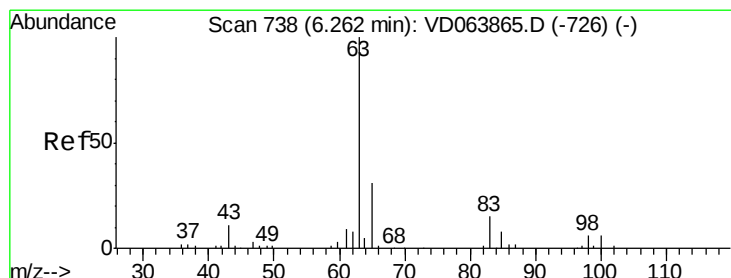
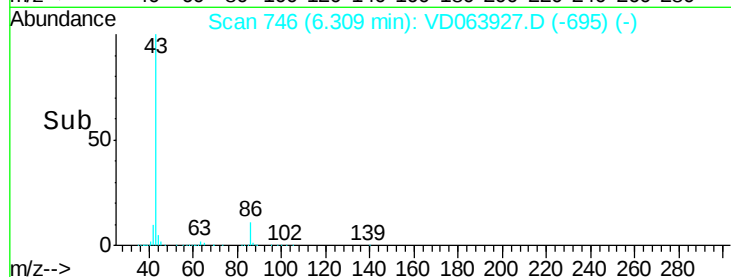
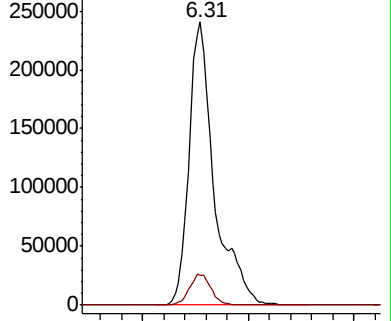
MMDadoda

10/15/2019 4:13:41 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.452 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

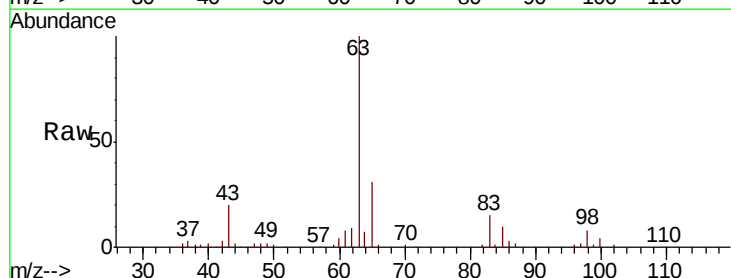
Tgt Ion: 63 Resp: 165961

Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.4

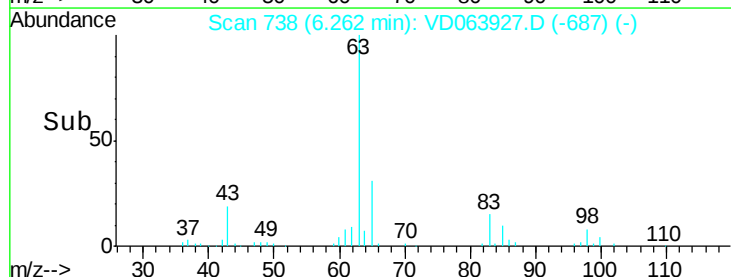
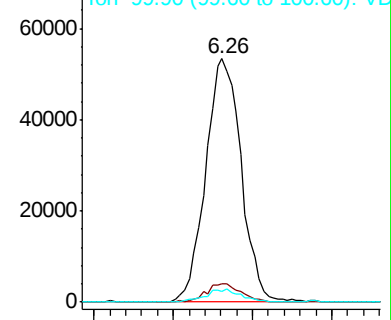
100 4.4 3.0 9.2

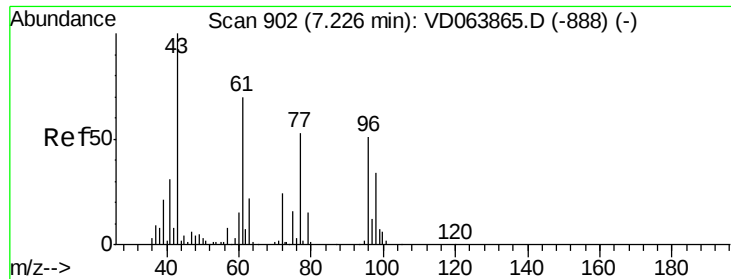


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 245.631 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 147227

Ion Ratio Lower Upper

43 100

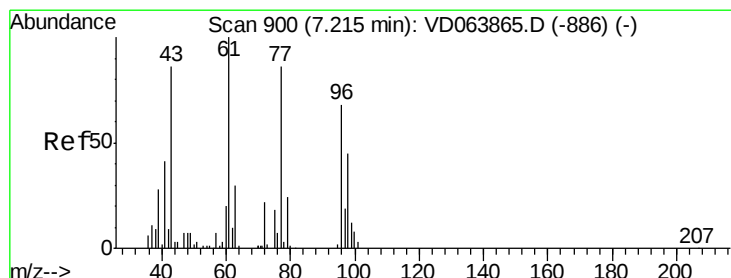
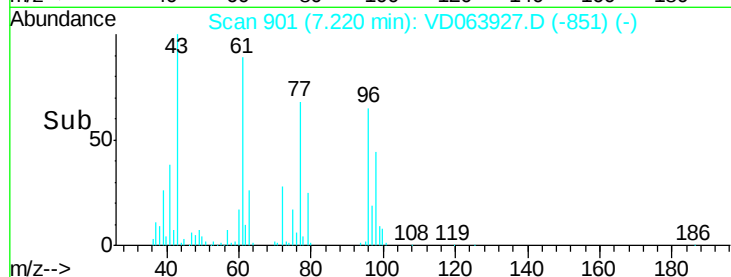
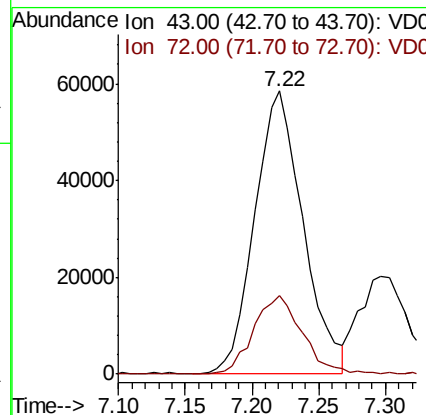
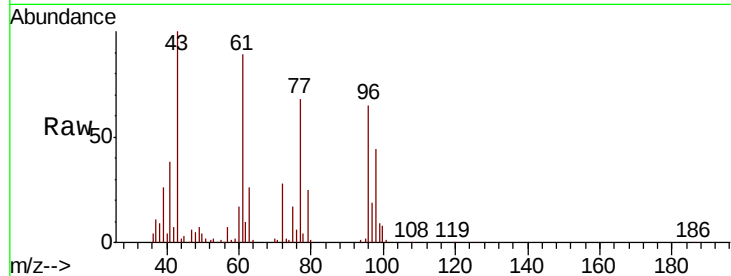
72 27.6 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 48.228 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD063927.D

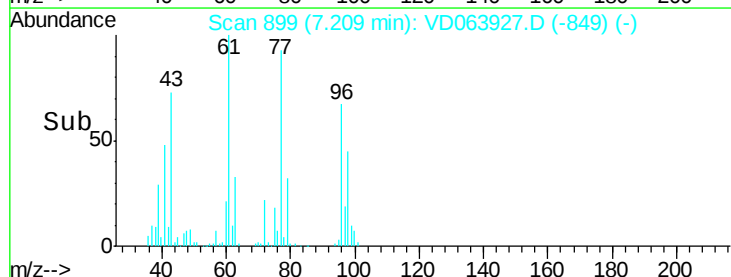
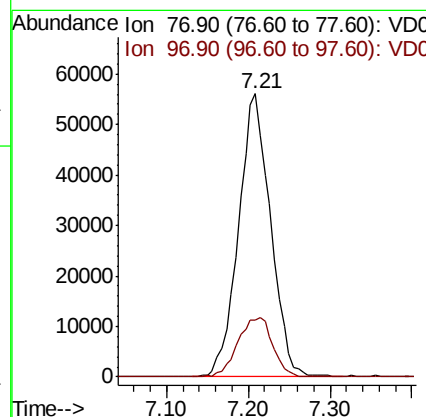
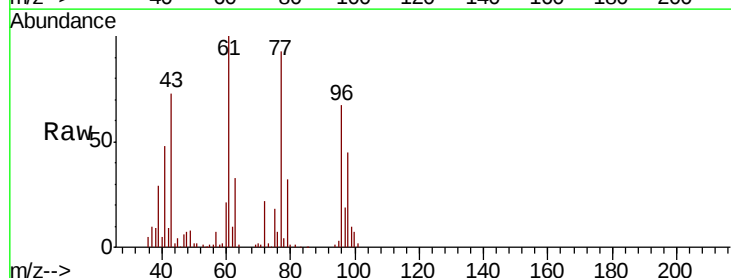
Acq: 11 Oct 2019 10:17

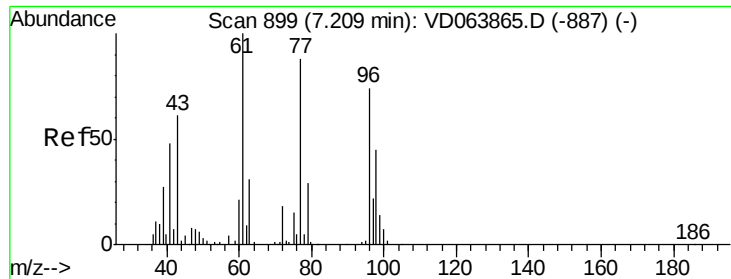
Tgt Ion: 77 Resp: 152582

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





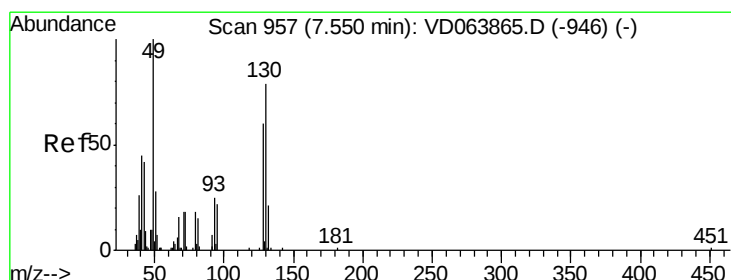
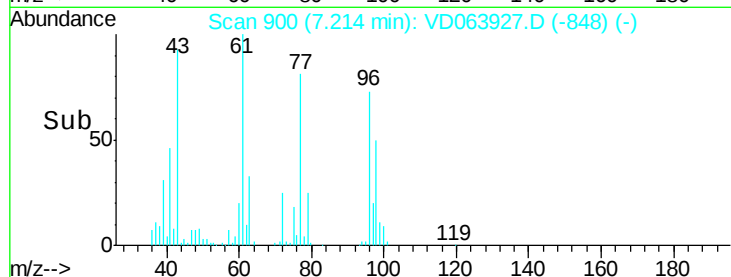
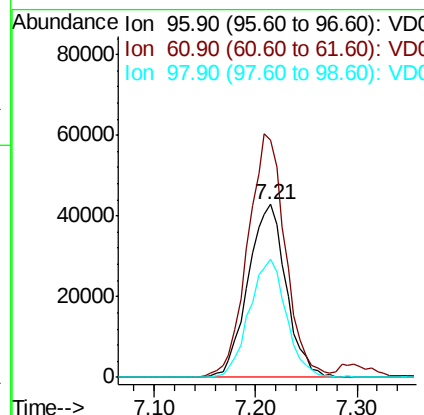
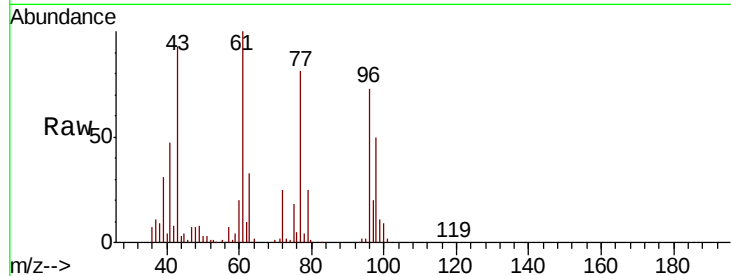
#27
 cis-1,2-Dichloroethene
 Concen: 47.689 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.3	0.0	280.0	
98	66.1	0.0	130.4	

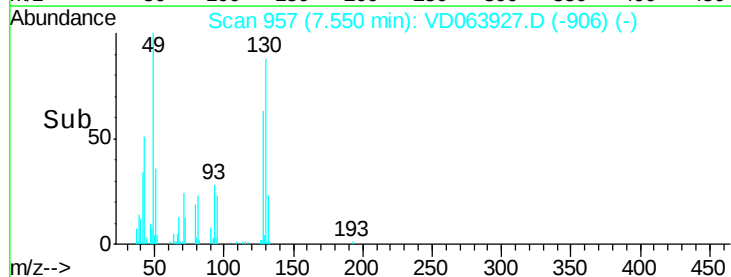
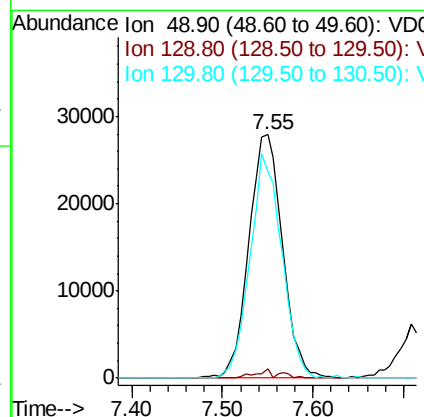
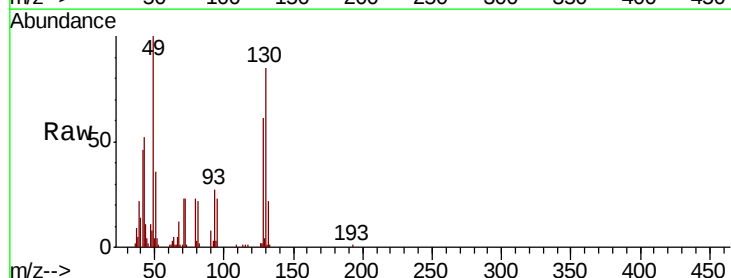
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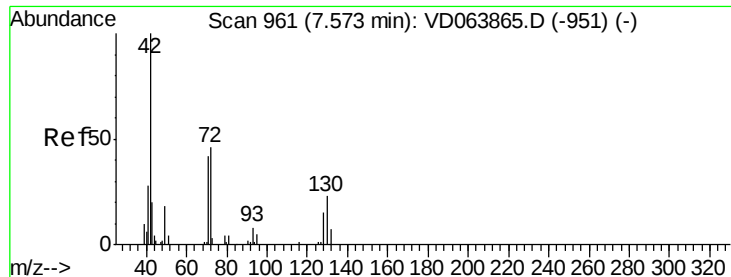
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#28
 Bromochloromethane
 Concen: 53.931 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	5.6	
130	86.7	66.8	100.2	





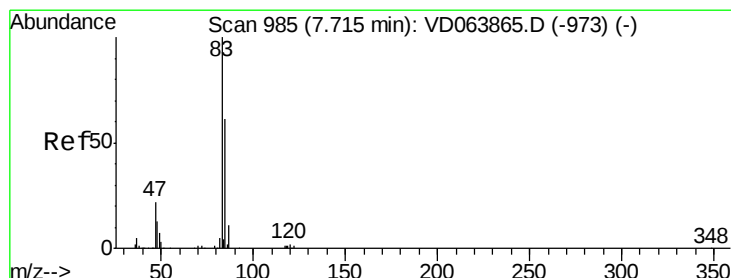
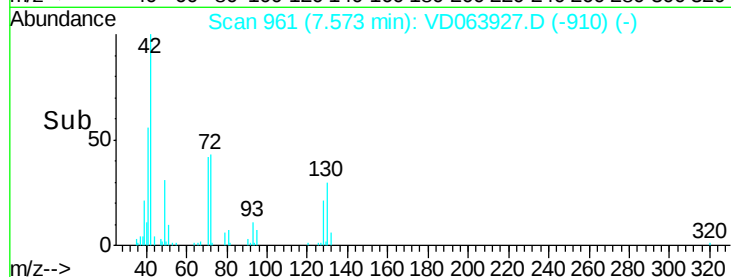
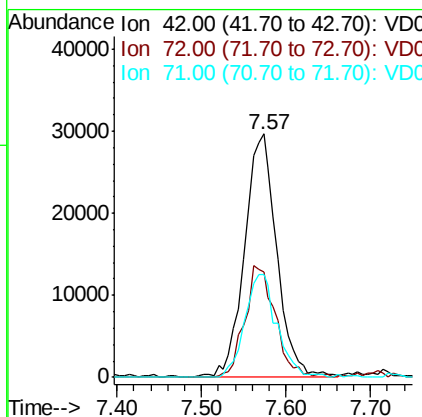
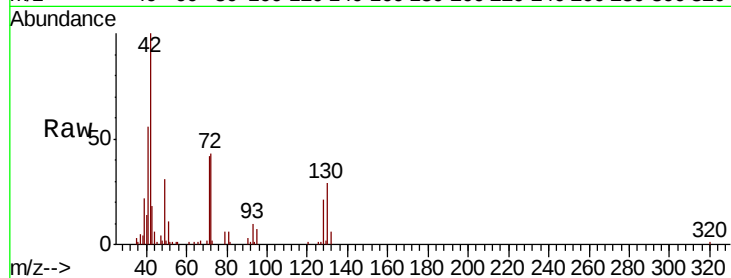
#29
Tetrahydrofuran
Concen: 225.732 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	37.6	56.4
71	42.0	35.0	52.6

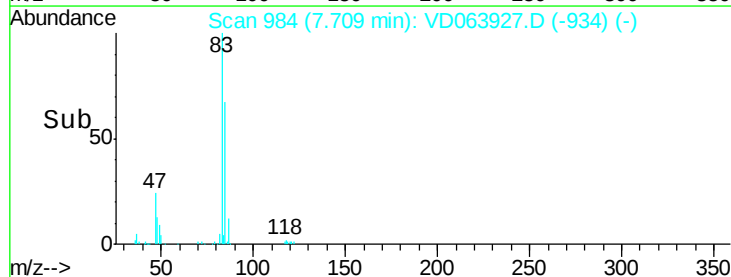
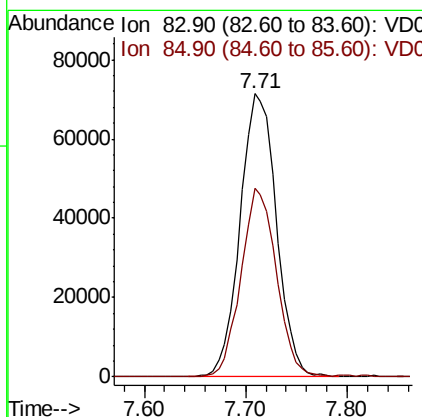
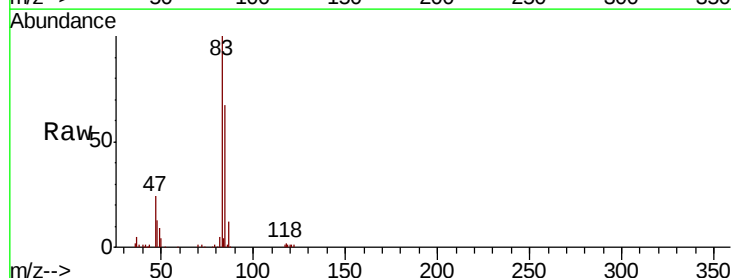
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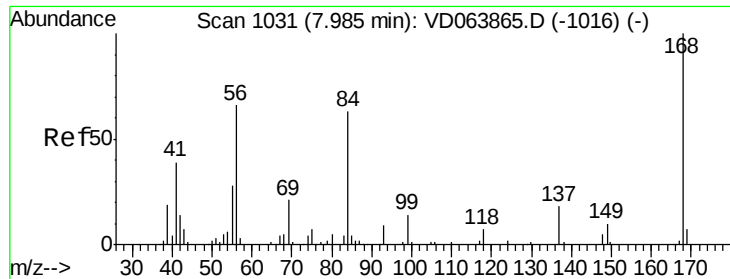
MMDadoda
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#30
Chloroform
Concen: 46.751 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	48.9	73.3





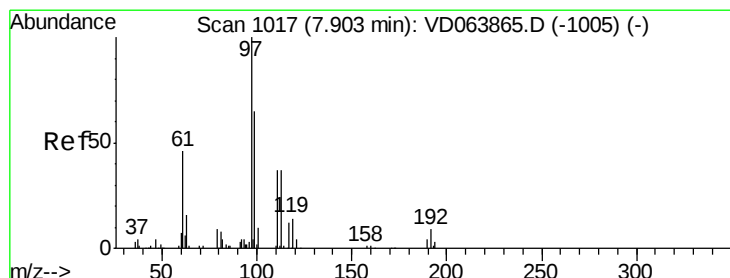
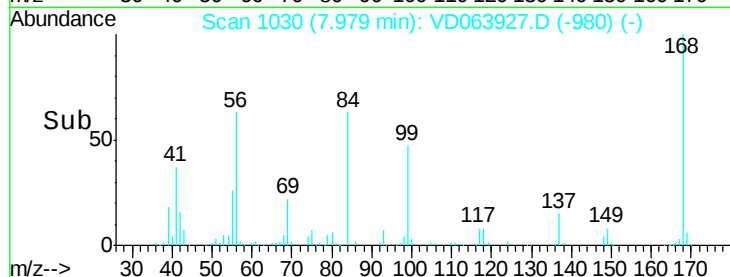
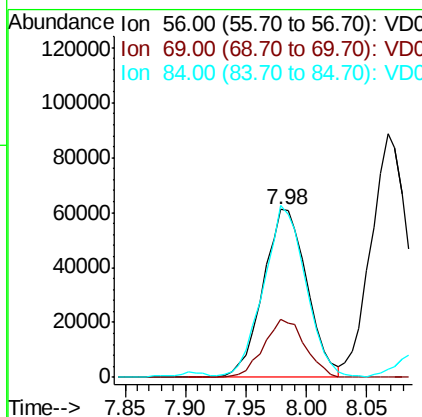
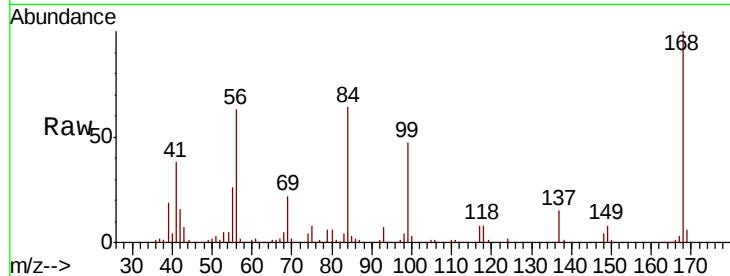
#31
Cyclohexane
Concen: 53.626 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.0	37.4
84	99.2	76.3	114.5

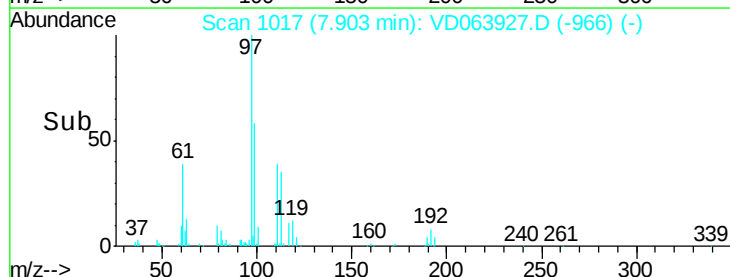
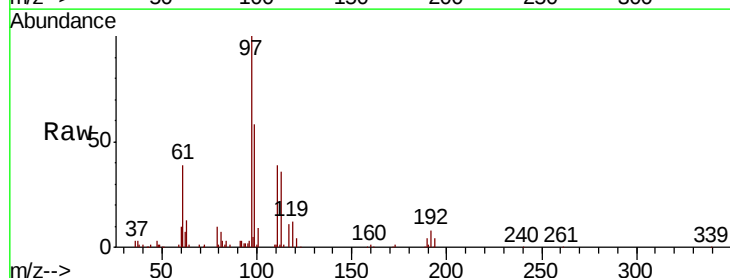
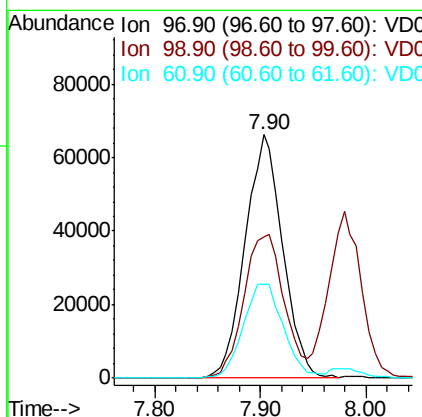
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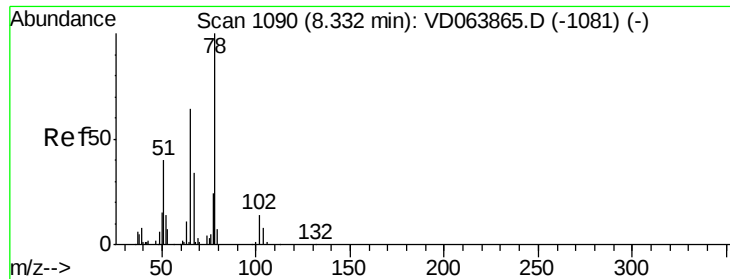
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#32
1,1,1-Trichloroethane
Concen: 50.244 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.4	78.6
61	41.3	33.8	50.8





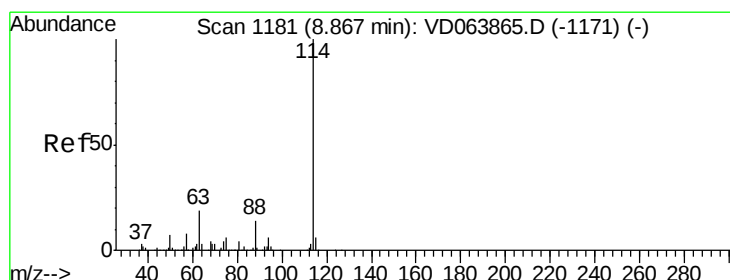
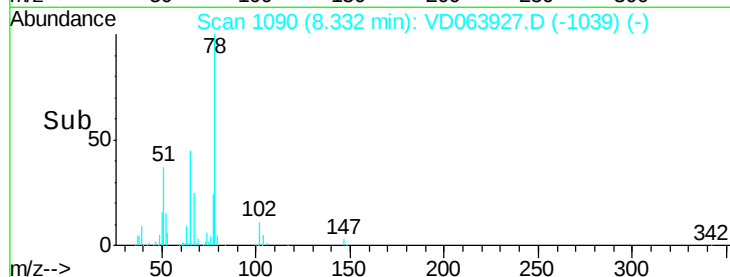
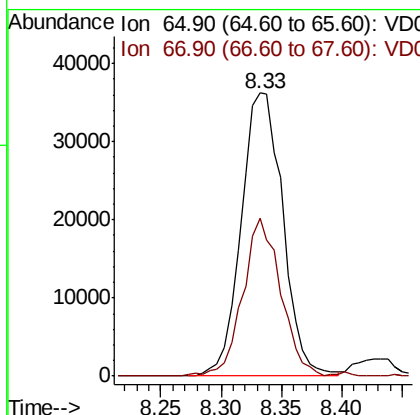
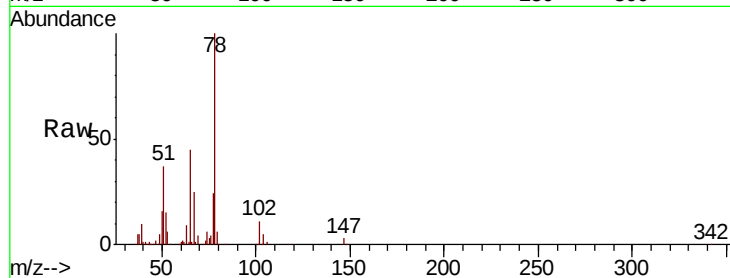
#33
 1,2-Dichloroethane-d4
 Concen: 44.761 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	106.4	

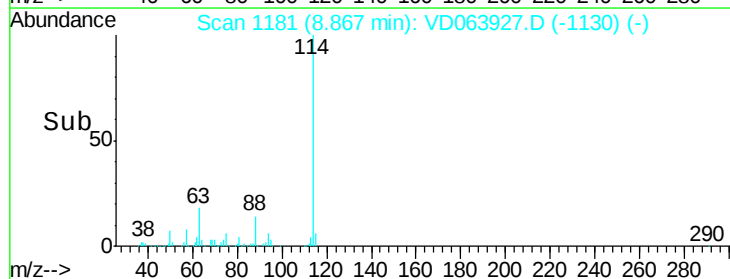
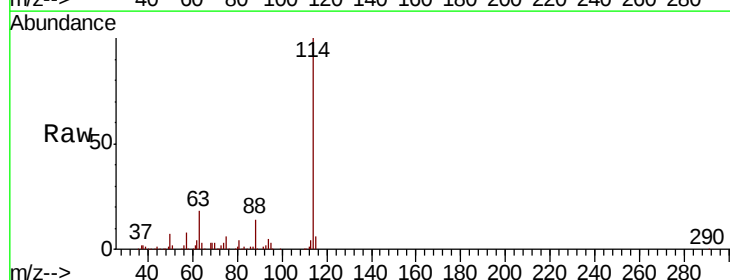
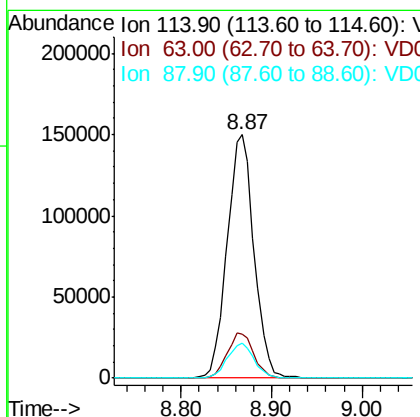
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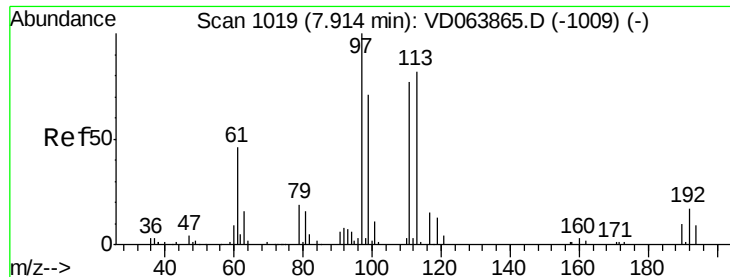
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	38.4	
88	14.4	0.0	27.4	





#35

Dibromofluoromethane

Concen: 46.740 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

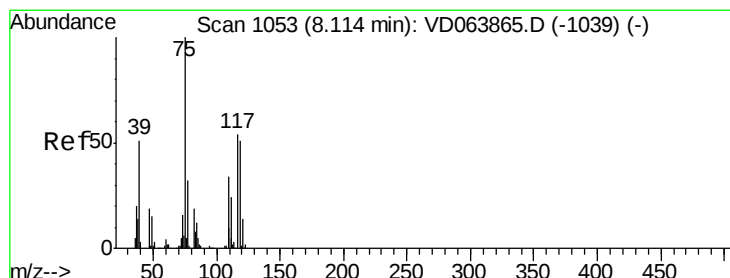
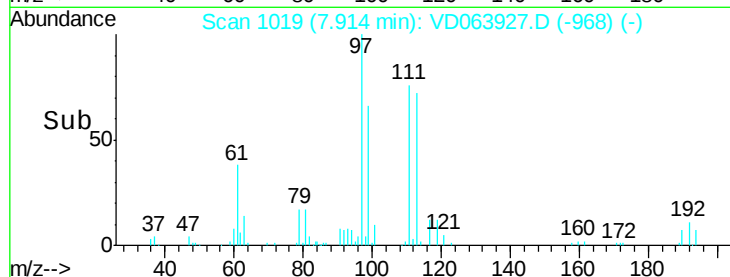
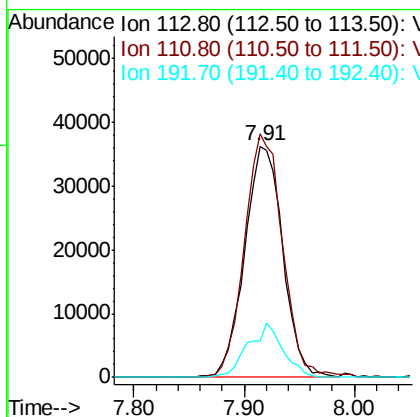
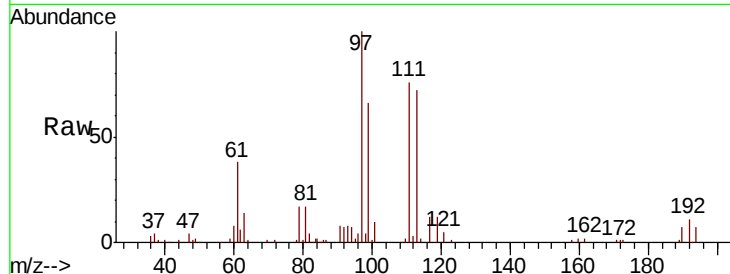
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	87936
Ion Ratio	Lower	Upper	
113	100		
111	105.6	82.6	123.8
192	21.3	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.316 ug/l

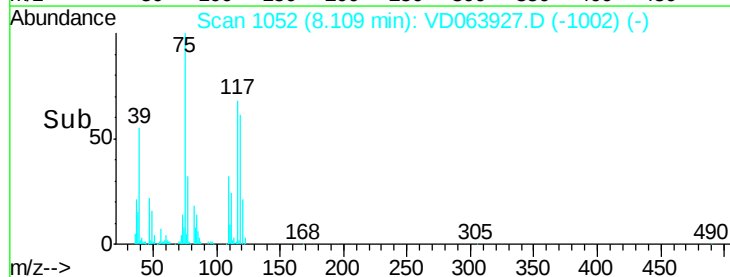
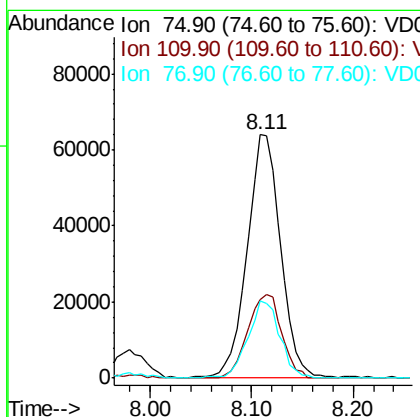
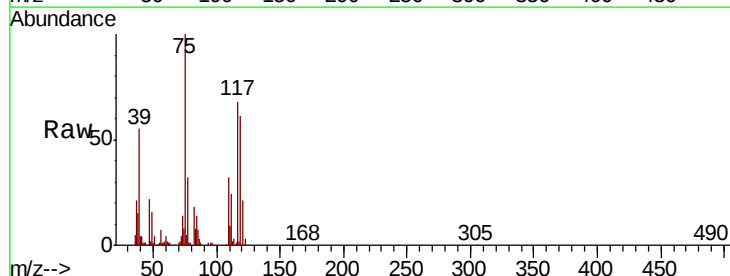
RT: 8.11 min Scan# 1052

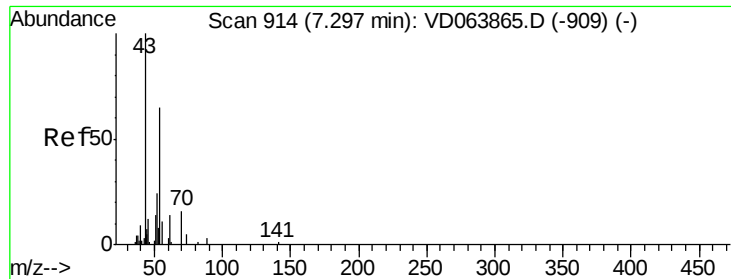
Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	75	Resp:	147257
Ion Ratio	Lower	Upper	
75	100		
110	35.0	17.4	52.3
77	30.6	25.4	38.0





#37

Ethyl Acetate

Concen: 48.190 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

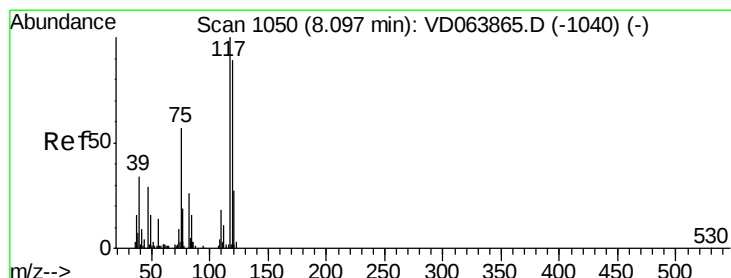
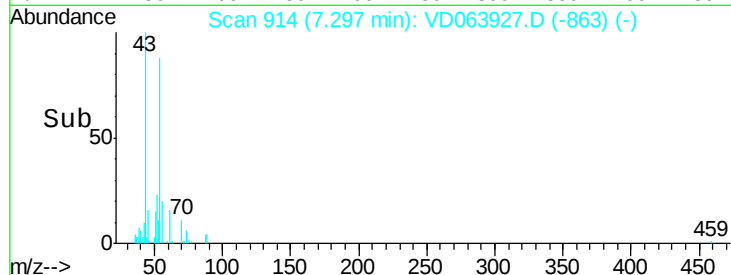
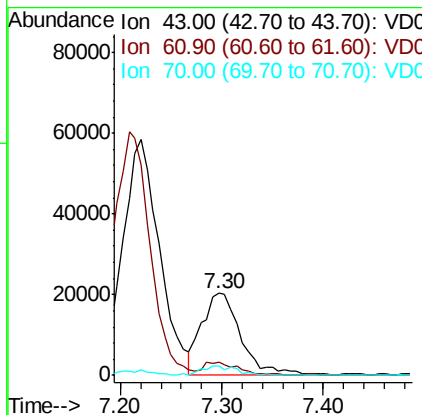
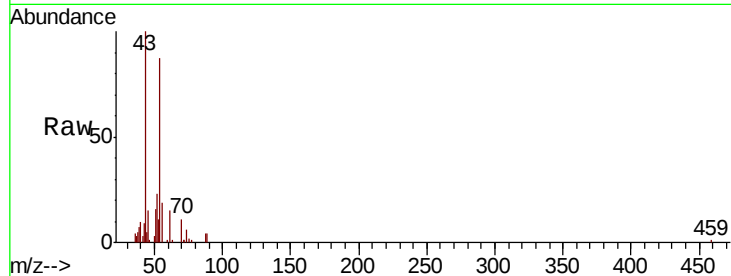
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	54554
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	10.7	8.2	12.4

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#38

Carbon Tetrachloride

Concen: 52.158 ug/l

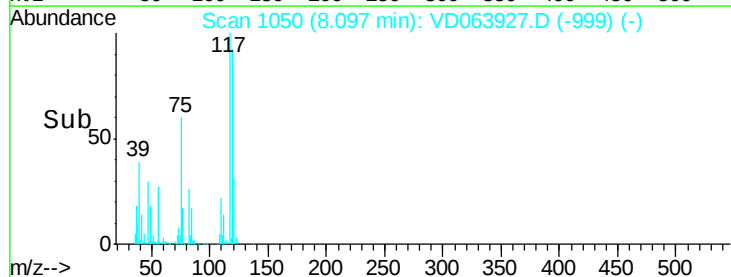
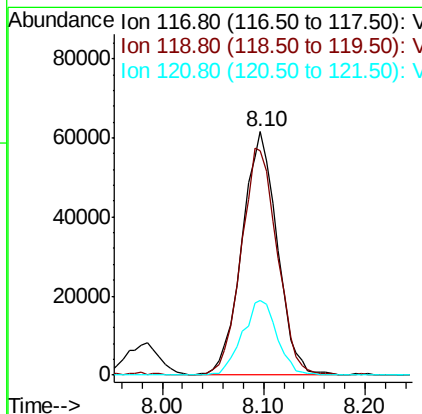
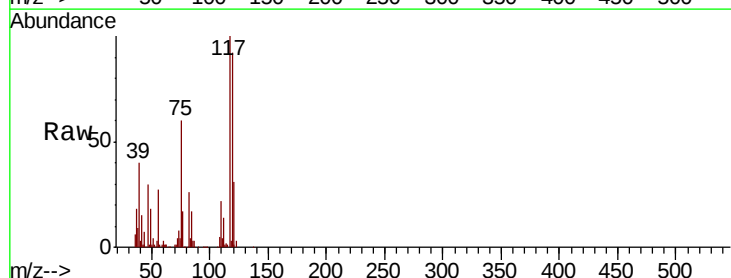
RT: 8.10 min Scan# 1050

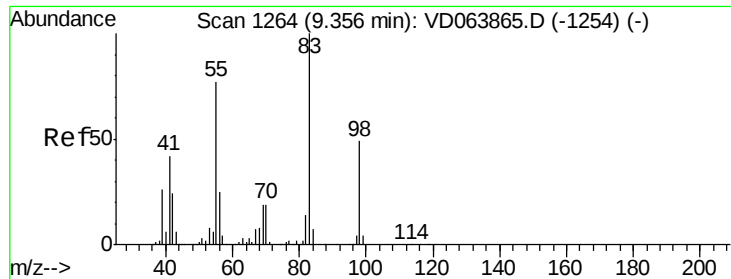
Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	117	Resp:	148359
Ion	Ratio	Lower	Upper
117	100		
119	92.1	70.8	106.2
121	30.8	21.4	32.0





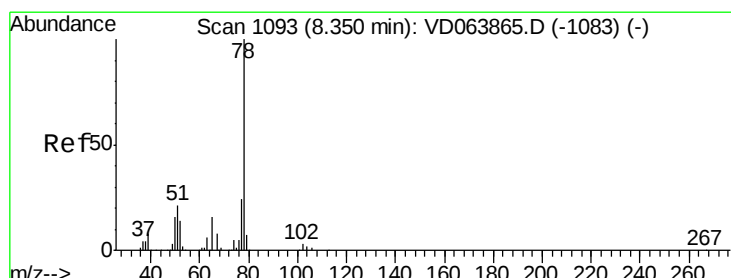
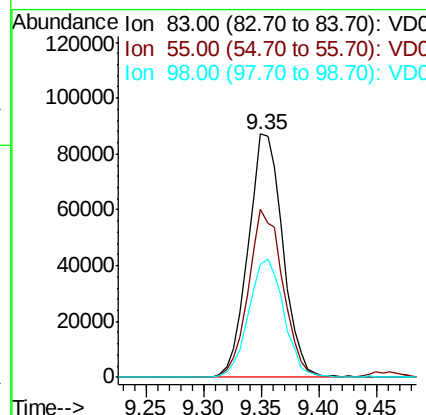
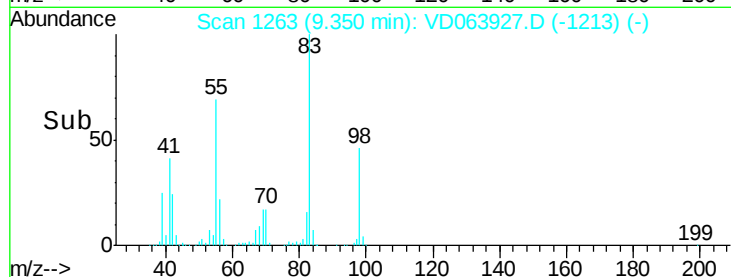
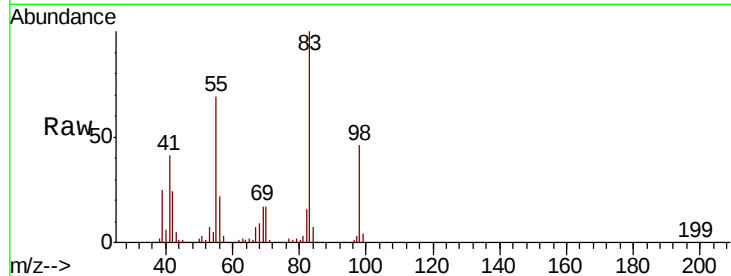
#39
Methvlcvclohexane
Concen: 52.642 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182187		
55	69.2		61.3	91.9
98	46.3		39.3	58.9

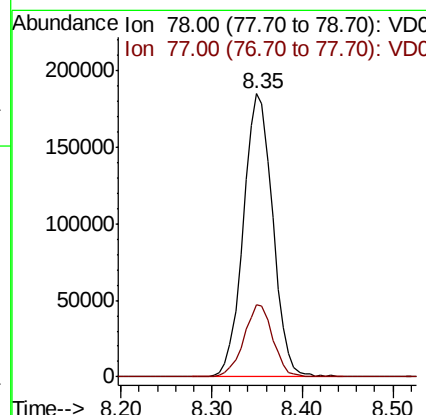
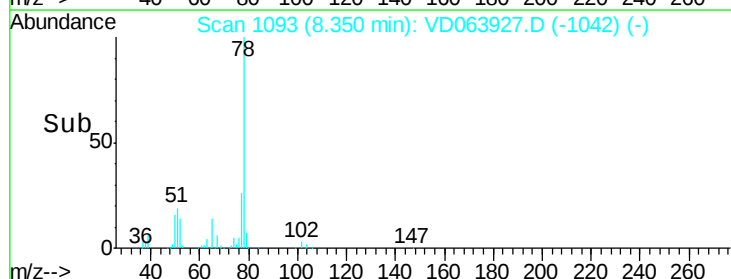
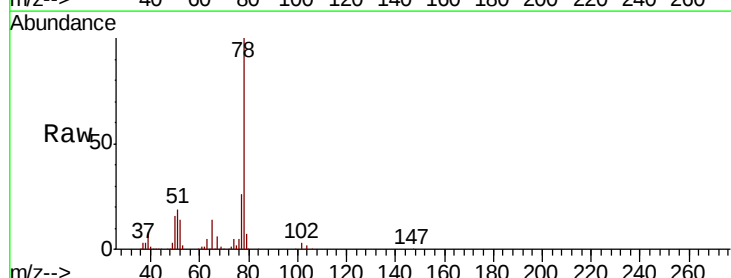
Manual Integrations
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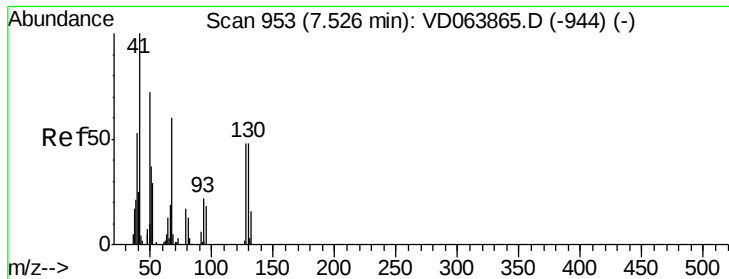
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#40
Benzene
Concen: 51.533 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	415680		
77	25.6		19.0	28.6





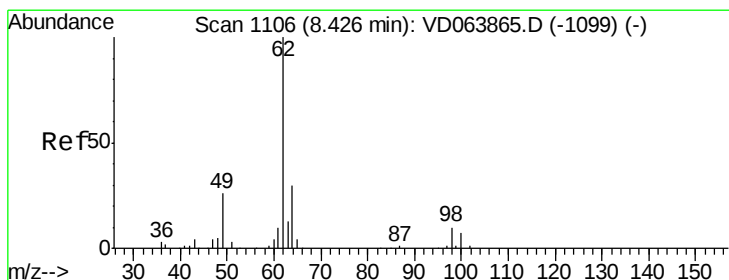
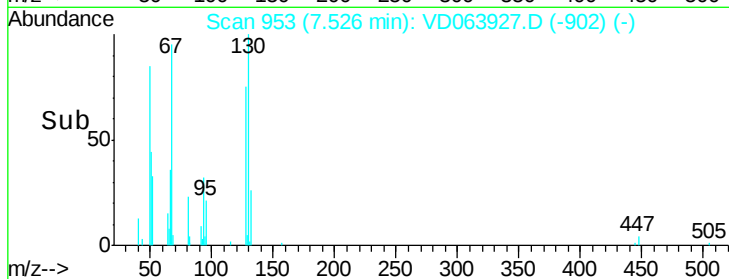
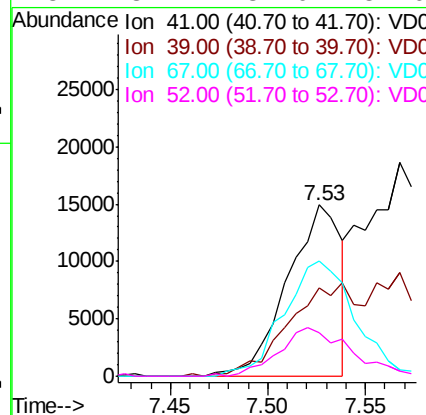
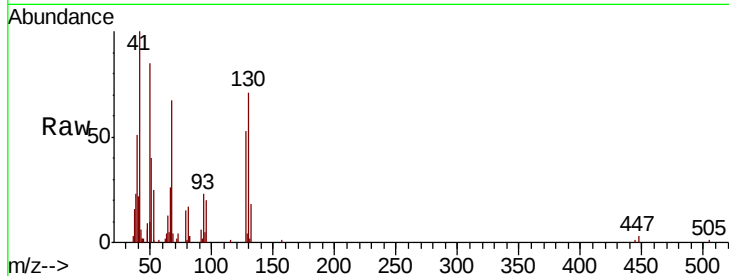
#41
Methacrylonitrile
Concen: 43.753 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	28553
Ion	Ratio	Lower	Upper
41	100		
39	72.1	52.6	78.8
67	88.7	74.2	111.2
52	37.4	34.0	51.0

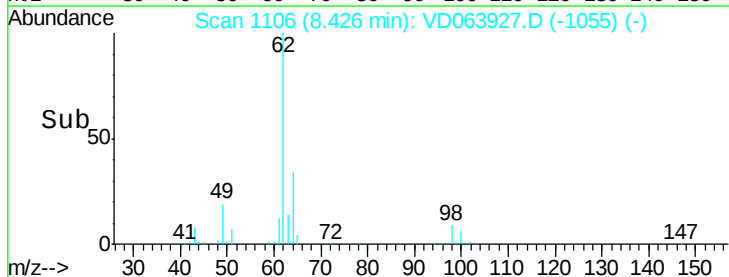
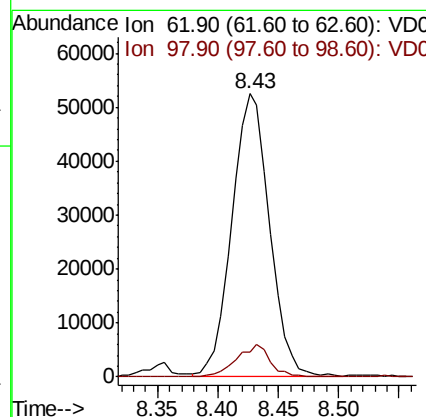
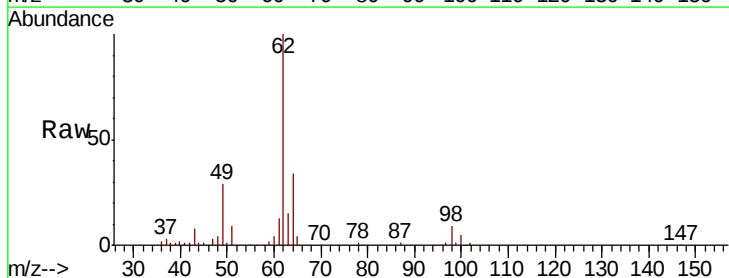
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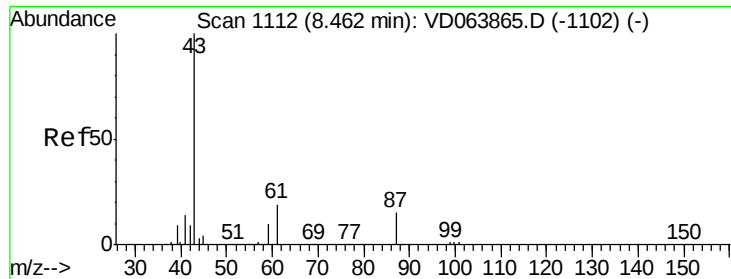
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.940 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion:	62	Resp:	114192
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





#43

Isopropyl Acetate

Concen: 45.844 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

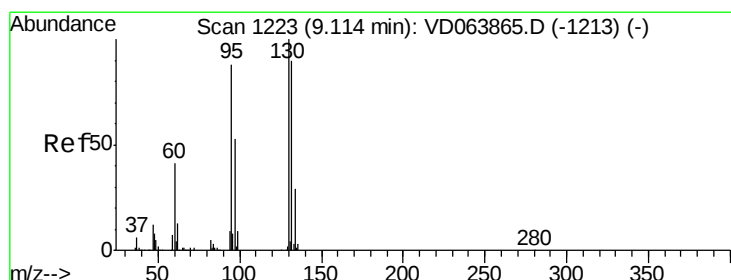
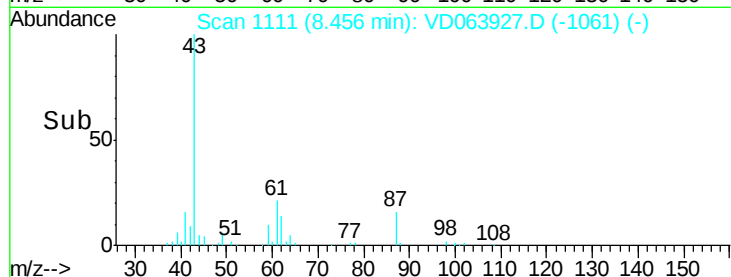
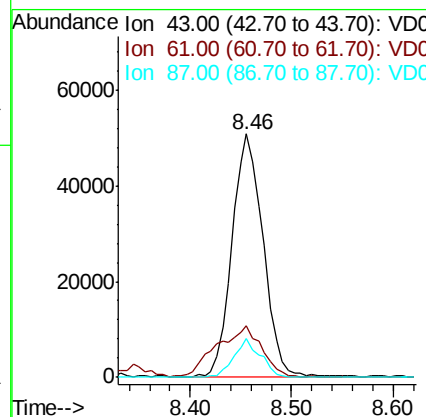
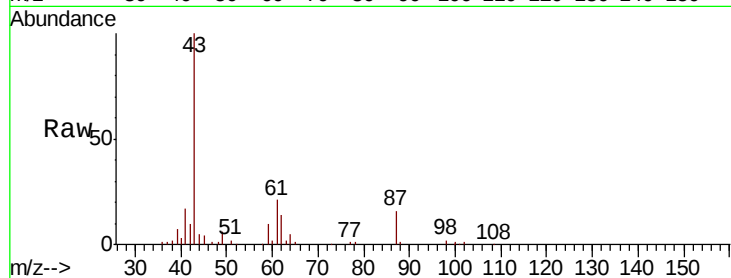
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	108217
Ion Ratio	Lower	Upper	
43	100		
61	30.5	25.7	38.5
87	13.8	11.6	17.4

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#44

Trichloroethene

Concen: 51.500 ug/l

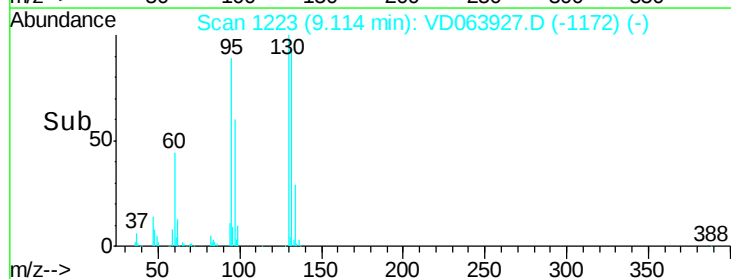
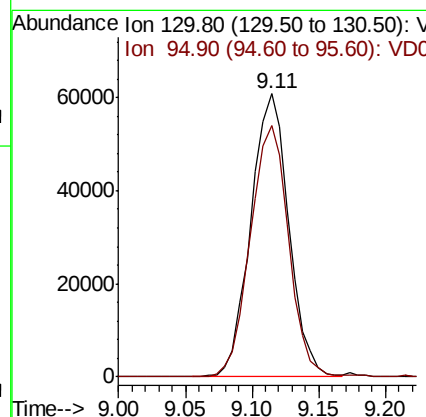
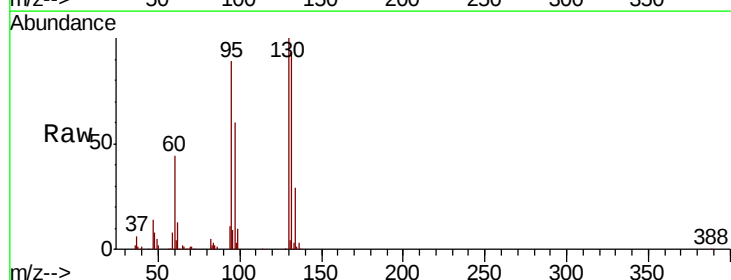
RT: 9.11 min Scan# 1223

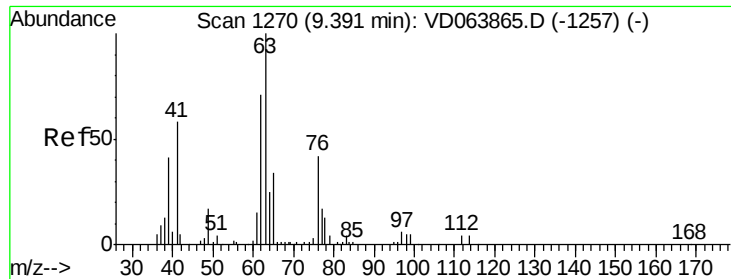
Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	130	Resp:	119788
Ion Ratio	Lower	Upper	
130	100		
95	88.6	0.0	175.6





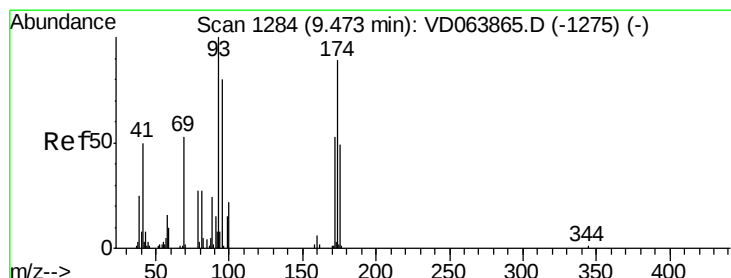
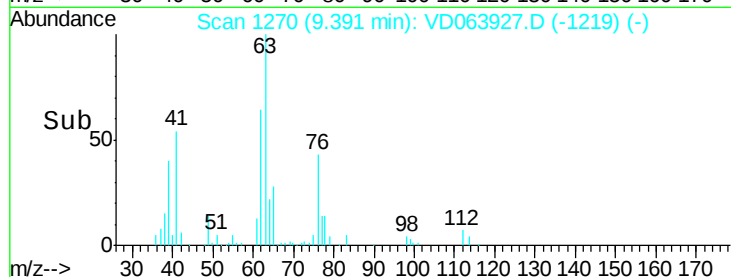
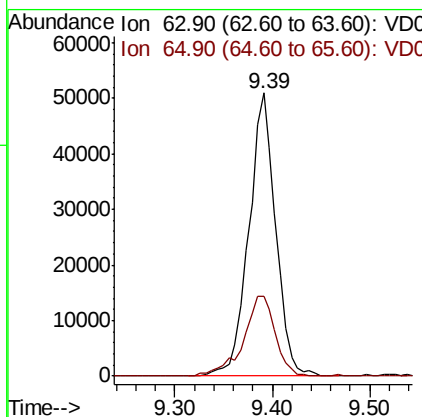
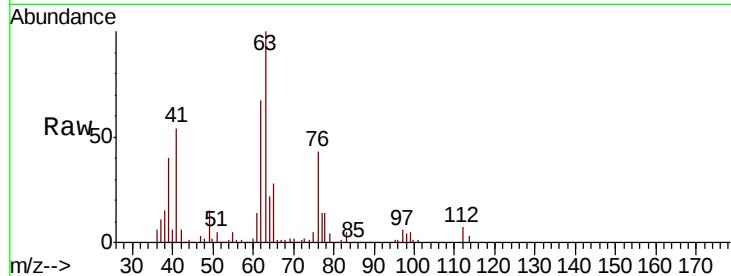
#45
 1,2-Dichloropropane
 Concen: 49.850 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 98420
 Ion Ratio Lower Upper
 63 100
 65 28.3 27.3 40.9

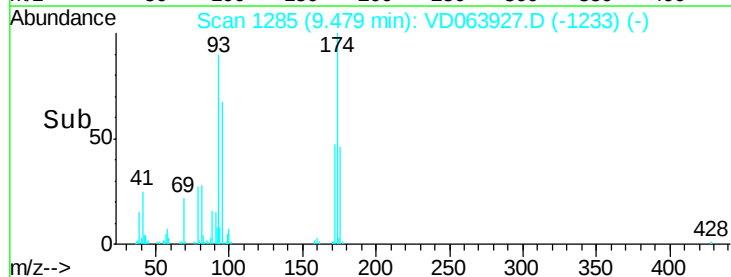
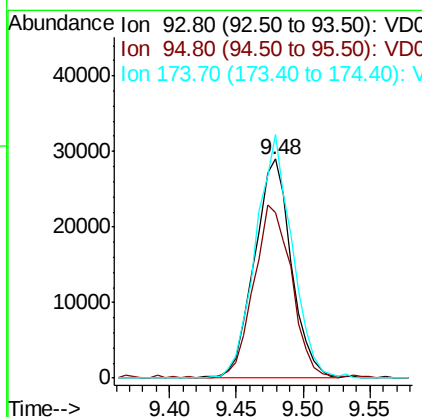
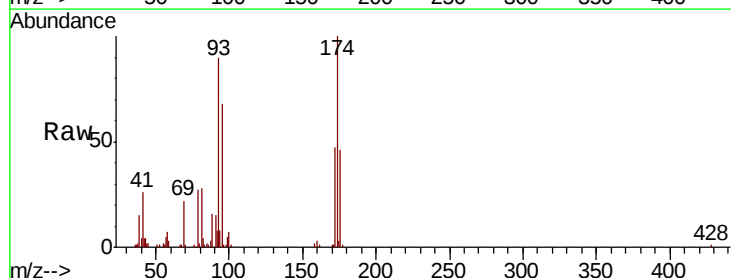
Manual Integrations
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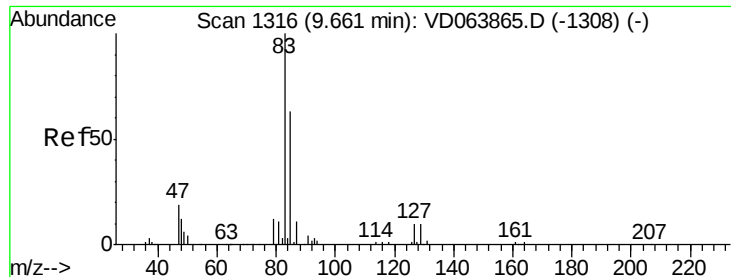
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#46
 Dibromomethane
 Concen: 49.332 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion: 93 Resp: 55469
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.0 99.0
 174 109.7 83.4 125.0





#47

Bromodichloromethane

Concen: 49.289 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

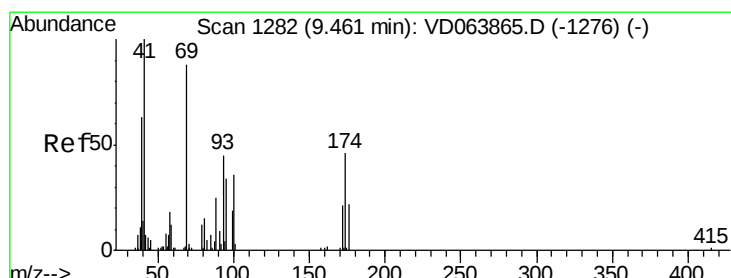
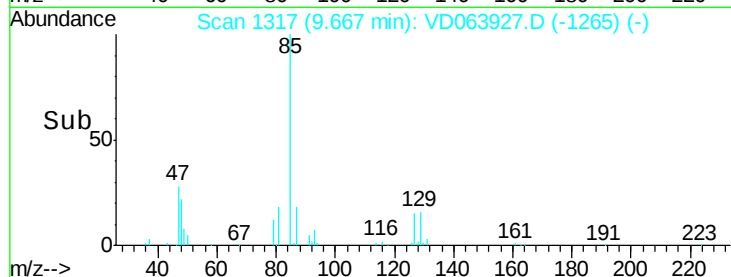
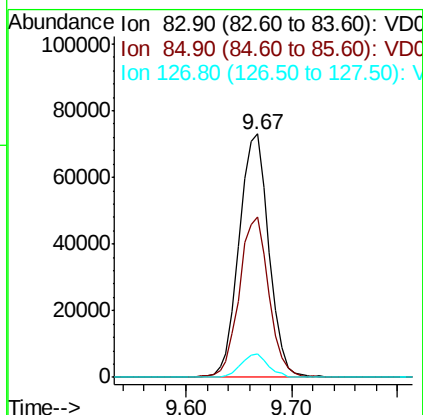
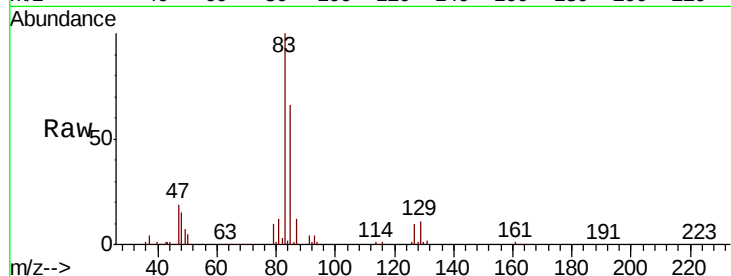
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	142688
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.2	75.2
127	9.5	7.6	11.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.115 ug/l

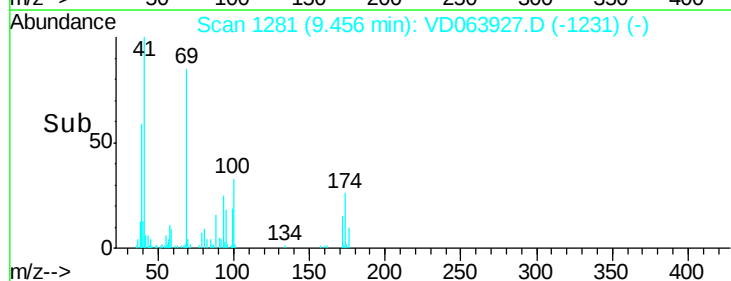
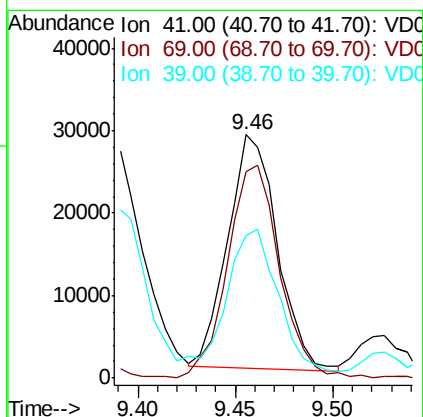
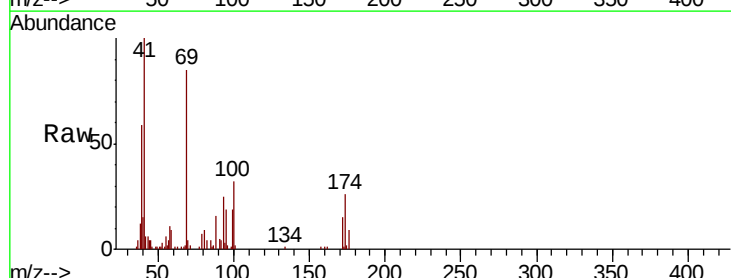
RT: 9.46 min Scan# 1281

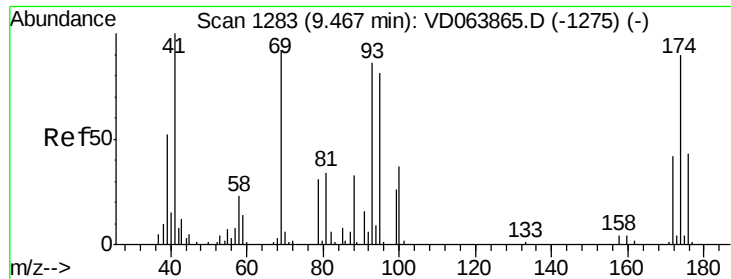
Delta R.T. -0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	41	Resp:	49895
Ion	Ratio	Lower	Upper
41	100		
69	95.9	75.1	112.7
39	67.1	50.2	75.2





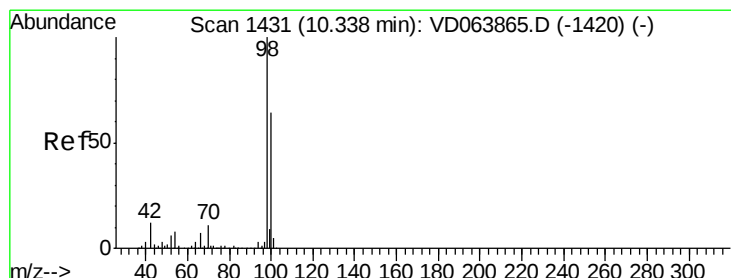
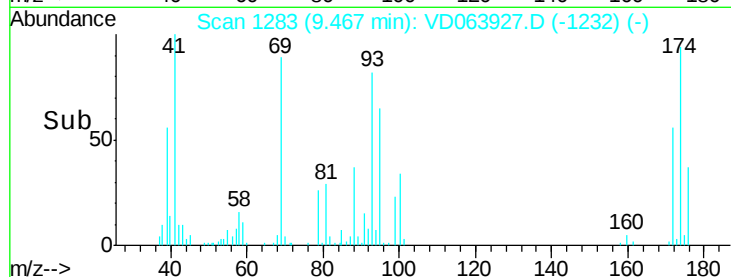
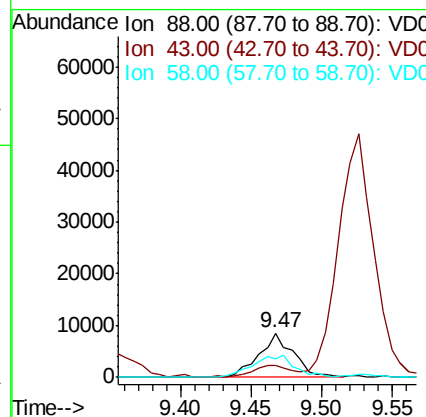
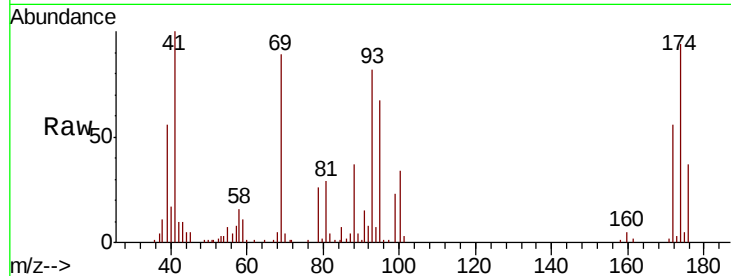
#49
1,4-Dioxane
Concen: 949.887 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.6	41.4
58	61.5	54.1	81.1

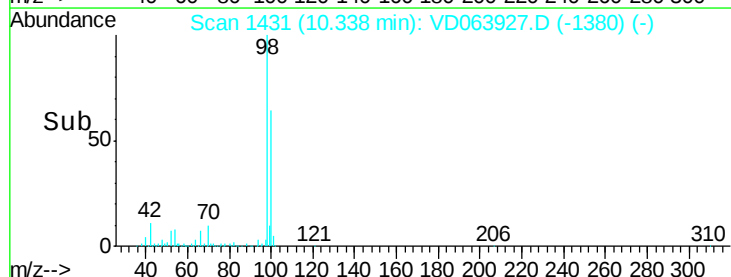
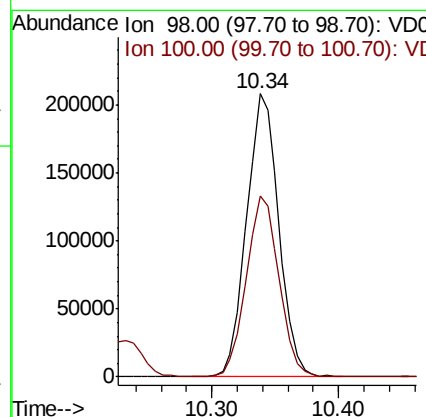
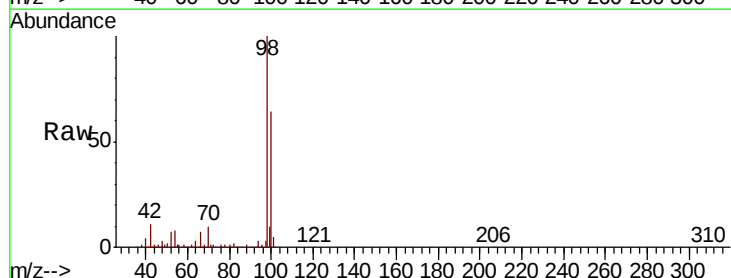
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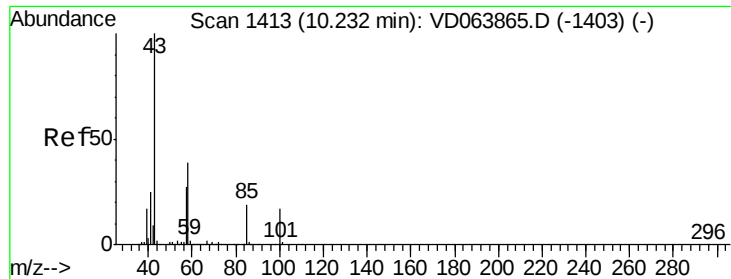
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#50
Toluene-d8
Concen: 48.117 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





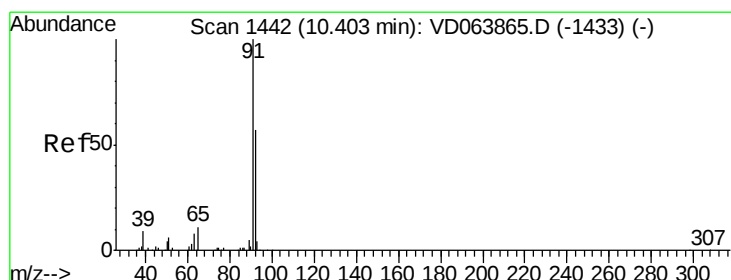
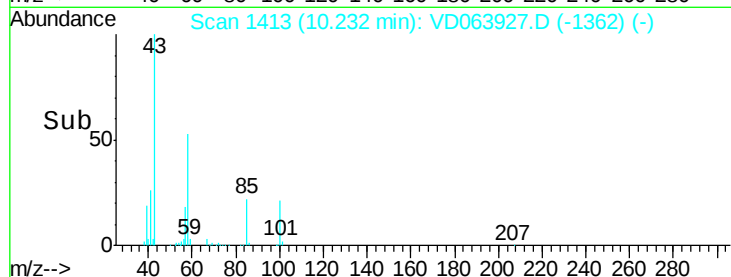
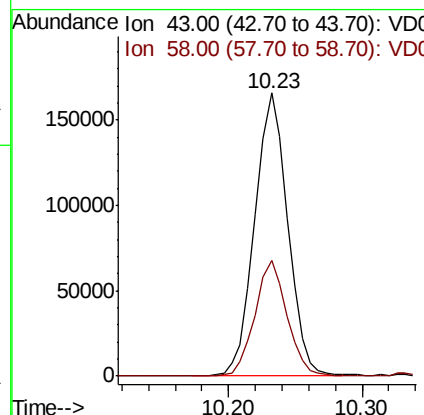
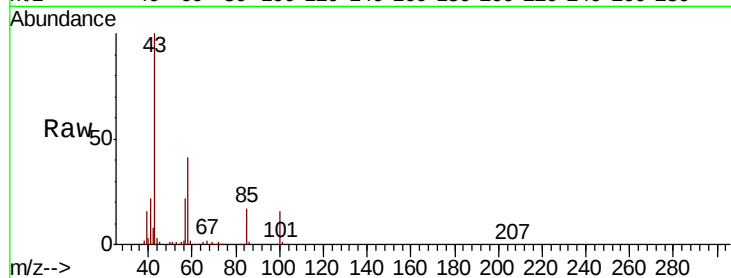
#51
4-Methyl-2-Pentanone
Concen: 231.266 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	33.0	49.4

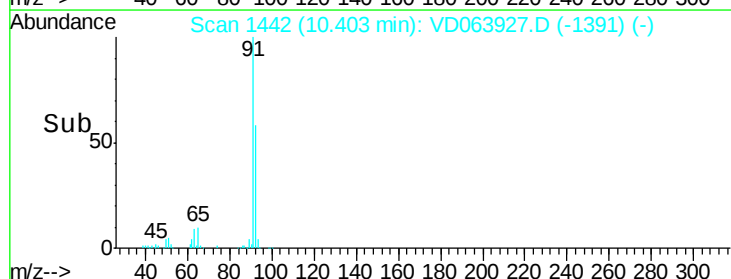
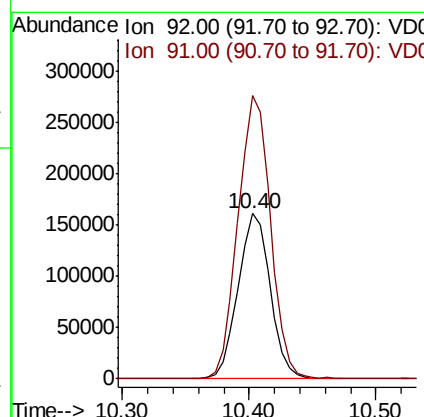
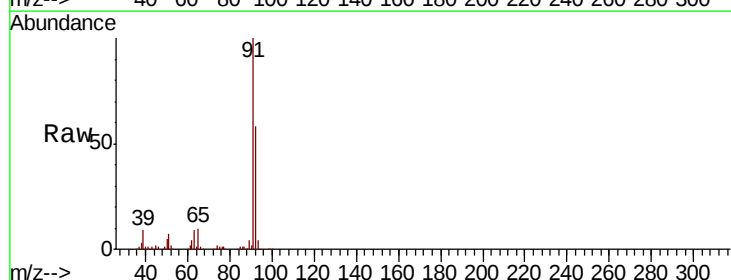
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#52
Toluene
Concen: 51.218 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	139.5	209.3





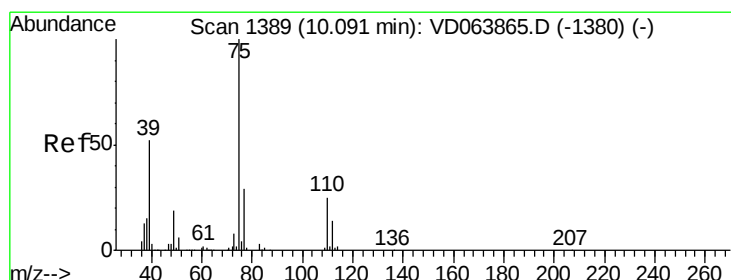
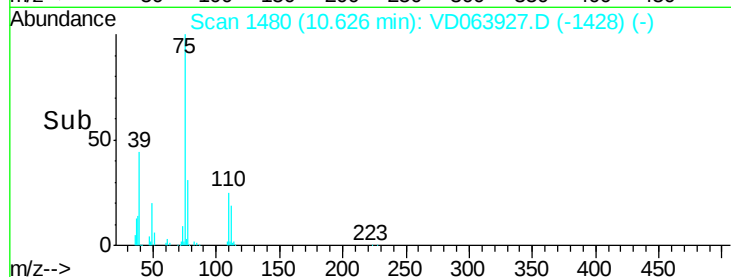
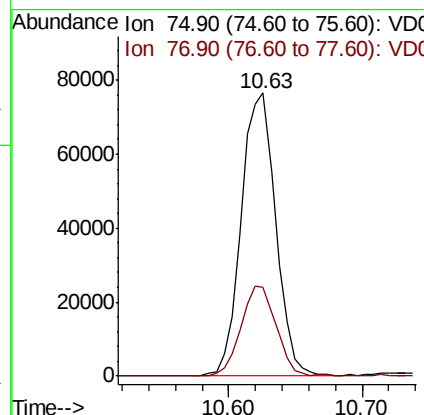
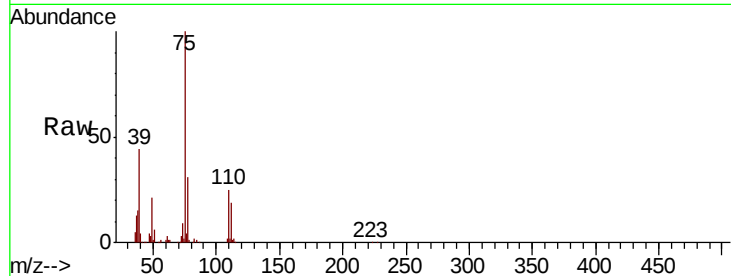
#53
 t-1,3-Dichloropropene
 Concen: 48.362 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 136620
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.8 34.2

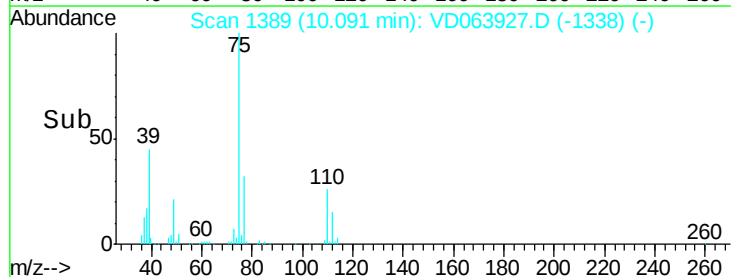
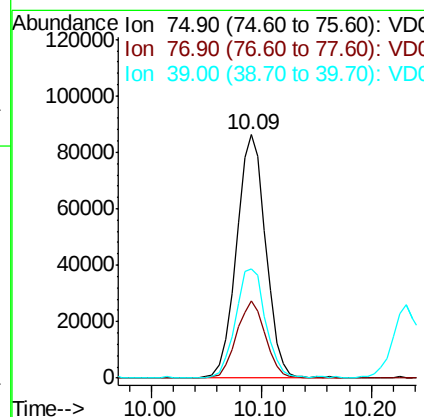
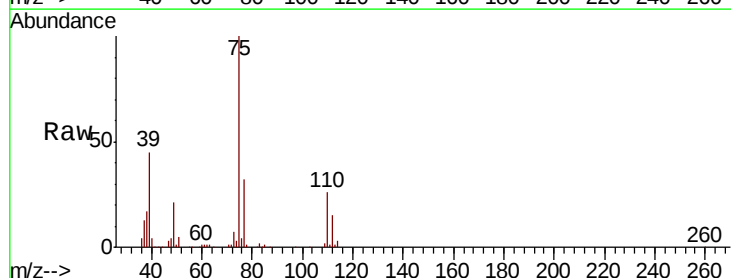
Manual Integrations
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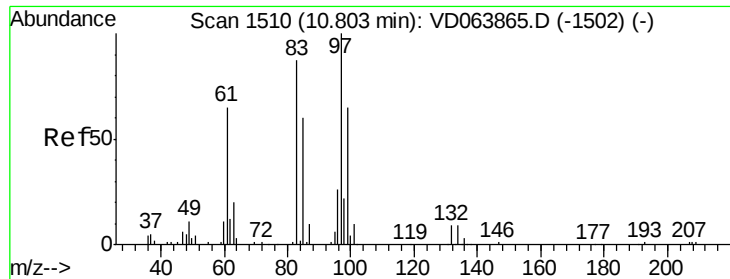
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#54
 cis-1,3-Dichloropropene
 Concen: 49.270 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion: 75 Resp: 160215
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.2 34.8
 39 44.5 41.5 62.3





#55

1,1,2-Trichloroethane

Concen: 49.640 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 78809

Ion Ratio Lower Upper

97 100

83 87.7 69.7 104.5

85 53.9 48.1 72.1

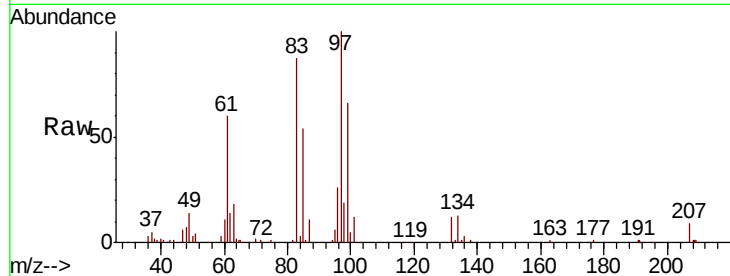
99 66.8 51.9 77.9

Manual Integrations

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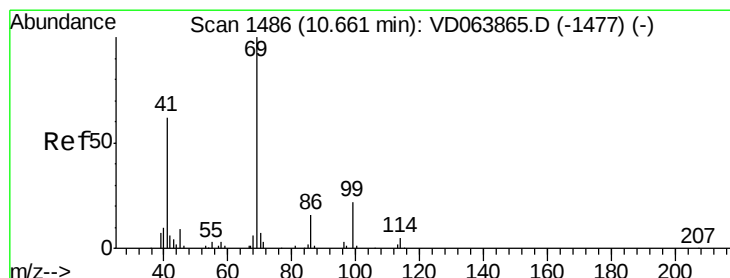
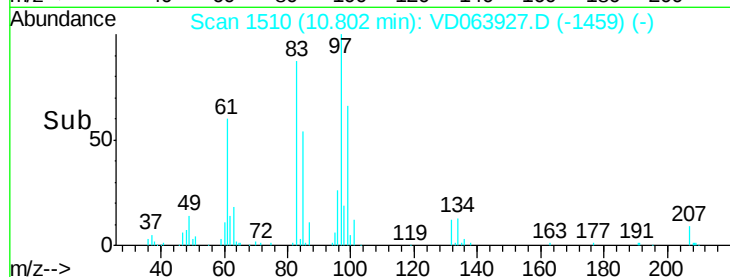
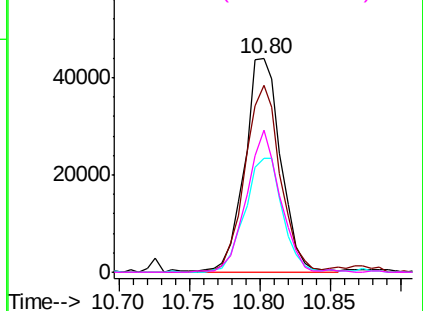


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 47.753 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion: 69 Resp: 96007

Ion Ratio Lower Upper

69 100

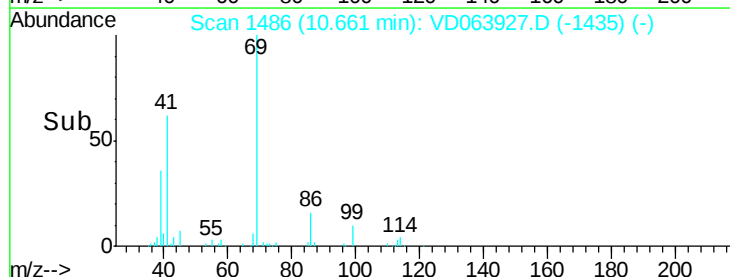
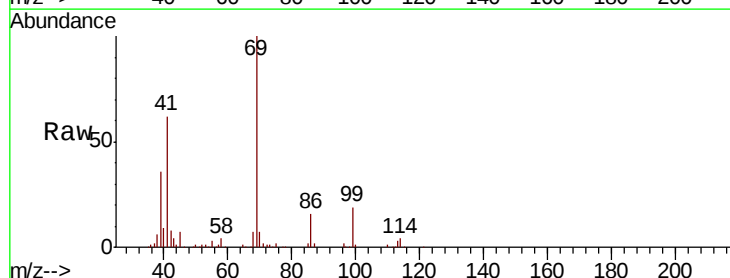
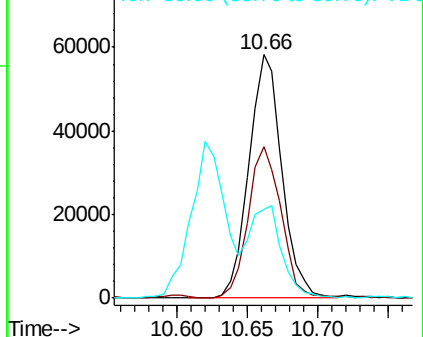
41 62.4 51.3 76.9

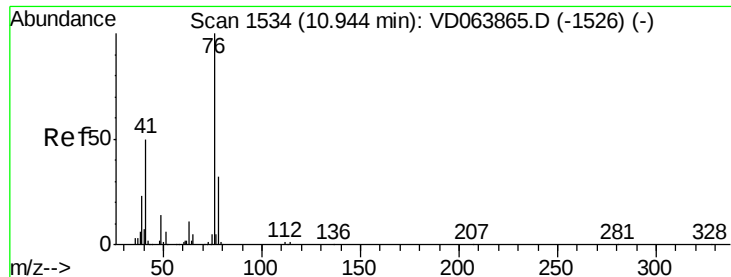
39 38.0 28.0 42.0

Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





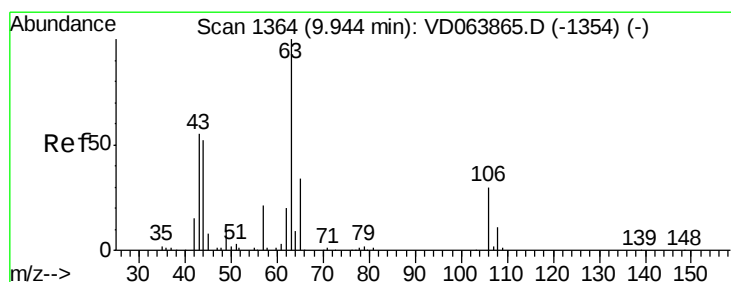
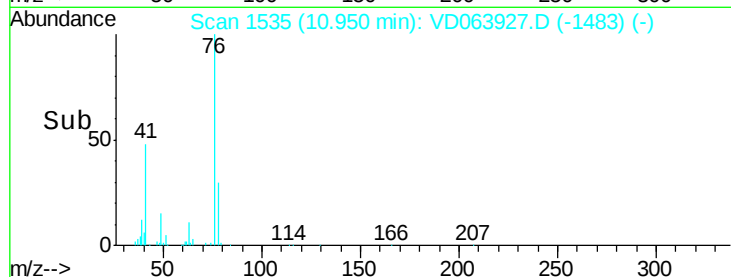
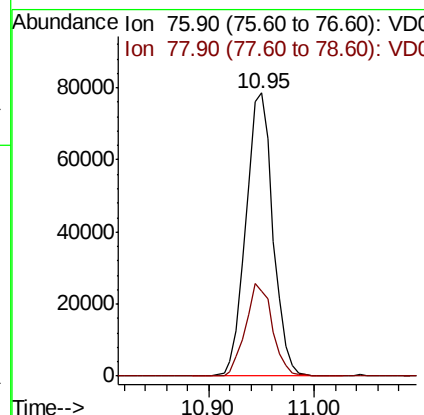
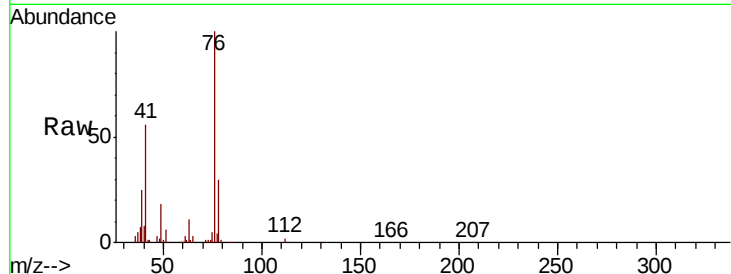
#57
 1,3-Dichloropropane
 Concen: 51.402 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 139625
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0

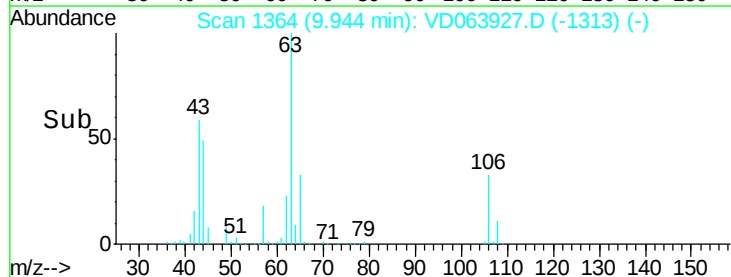
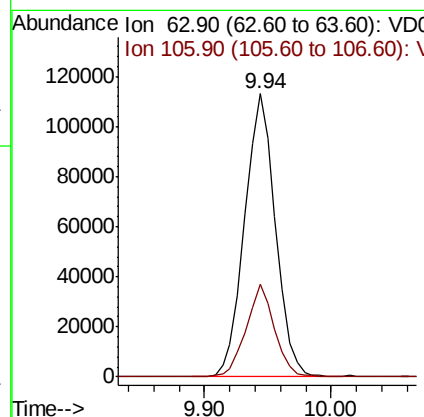
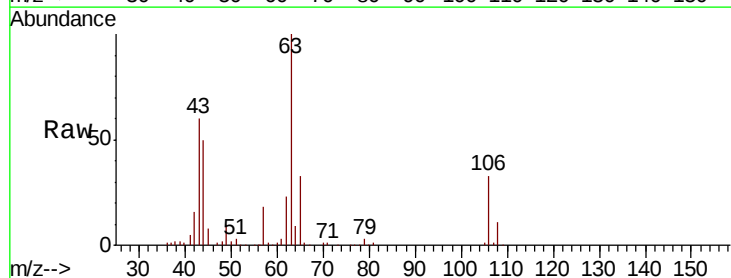
Manual Integrations
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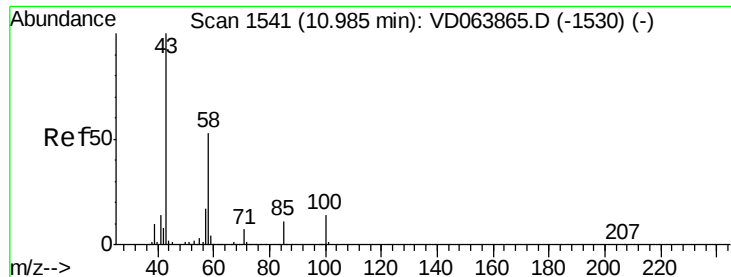
MMDadoda
 10/15/2019 4:13:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 221.010 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion: 63 Resp: 190994
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.3 36.5





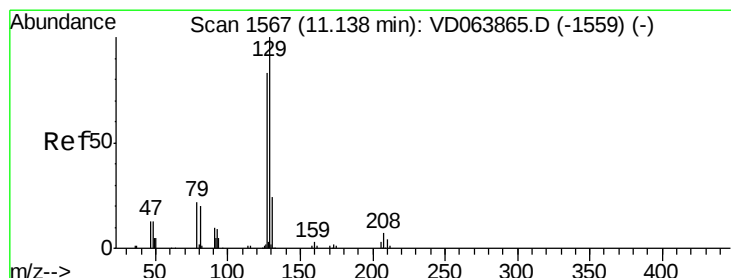
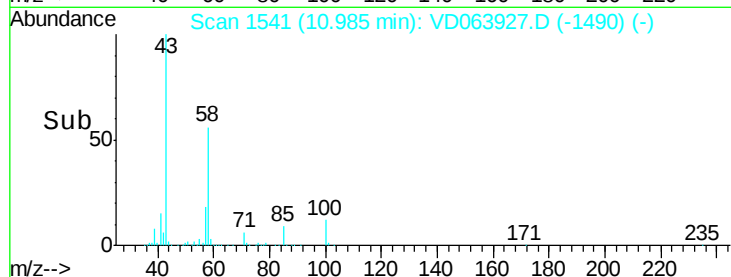
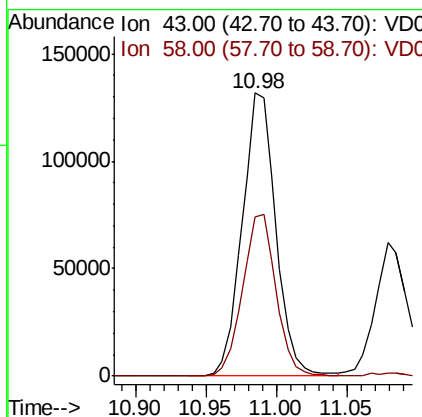
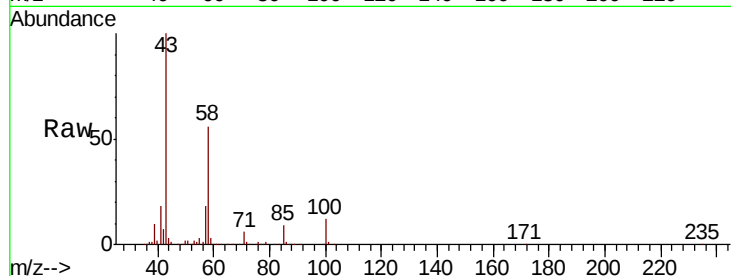
#59
2-Hexanone
Concen: 249.242 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	220723
Ion Ratio	Lower	Upper	
43	100		
58	56.8	27.7	83.0

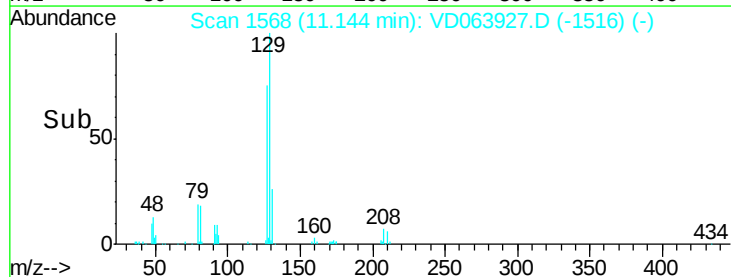
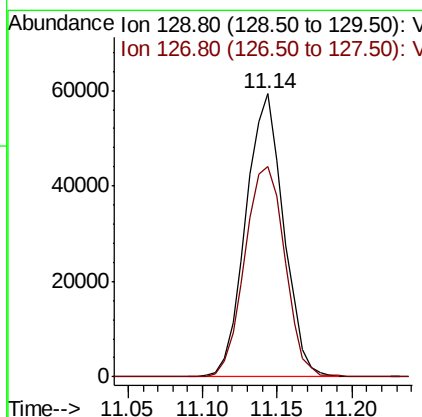
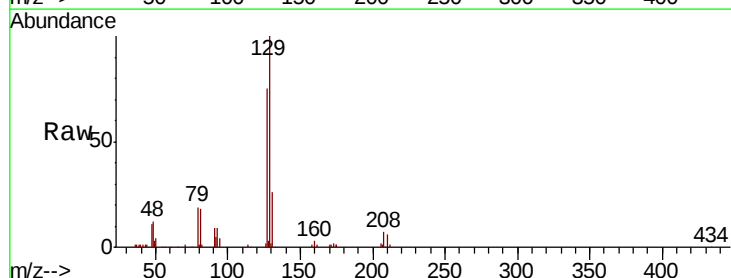
Manual Integrations
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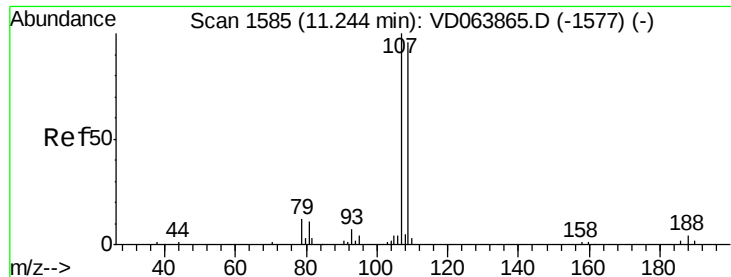
MMDadoda
10/15/2019 4:13:41 PM



#60
Dibromochloromethane
Concen: 50.154 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	129	Resp	103665
Ion Ratio	Lower	Upper	
129	100		
127	79.3	39.9	119.6





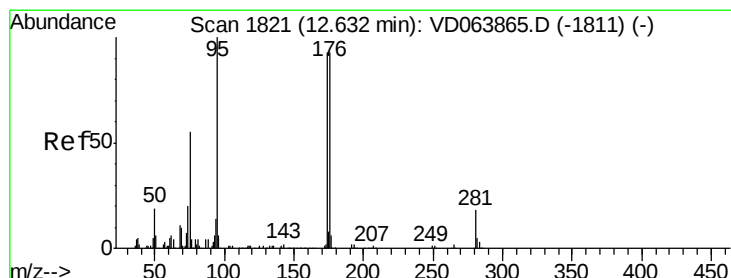
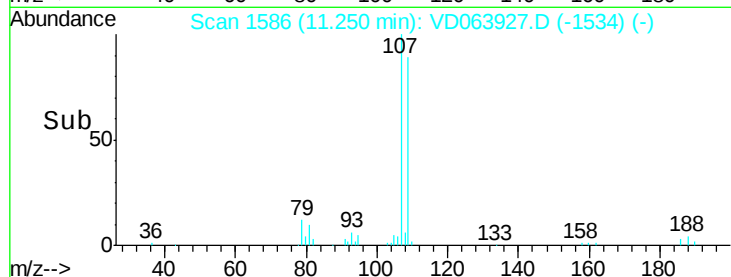
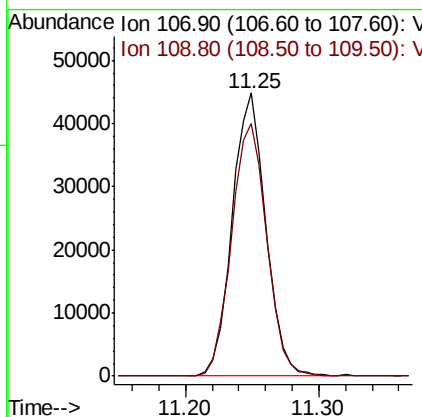
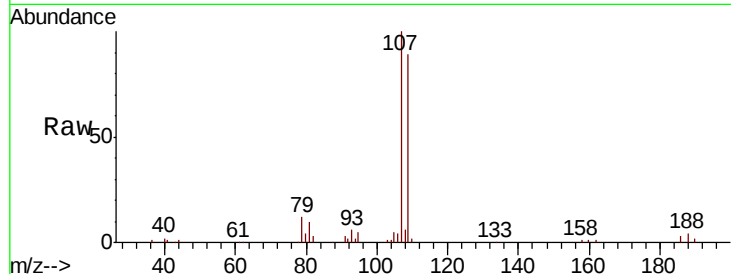
#61
 1,2-Dibromoethane
 Concen: 50.775 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 78149
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.2 112.8

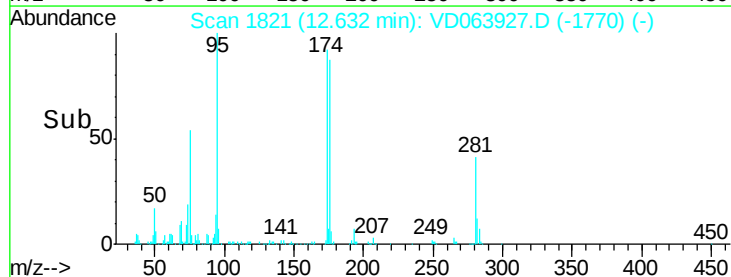
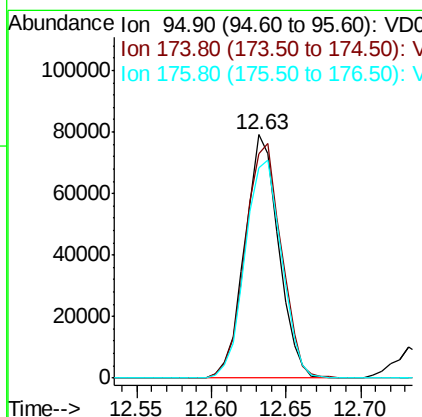
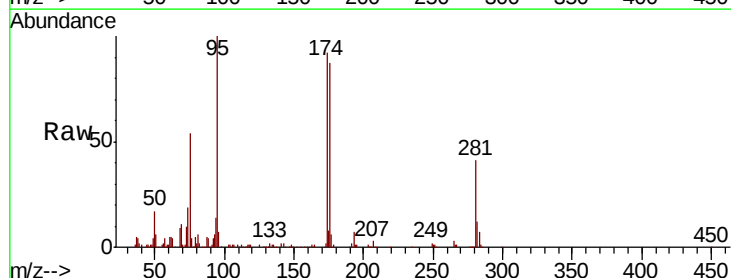
Manual Integrations
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 10/15/2019 4:13:41 PM



#62
 4-Bromofluorobenzene
 Concen: 46.854 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion: 95 Resp: 124331
 Ion Ratio Lower Upper
 95 100
 174 102.8 0.0 186.4
 176 96.6 0.0 184.2





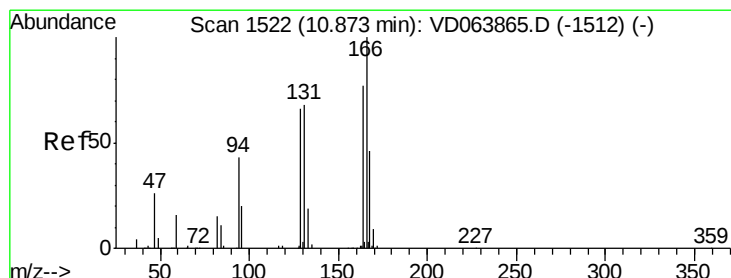
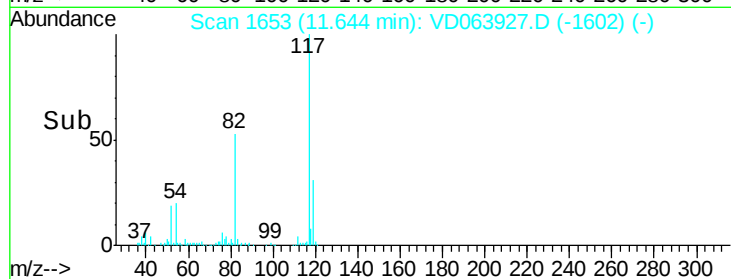
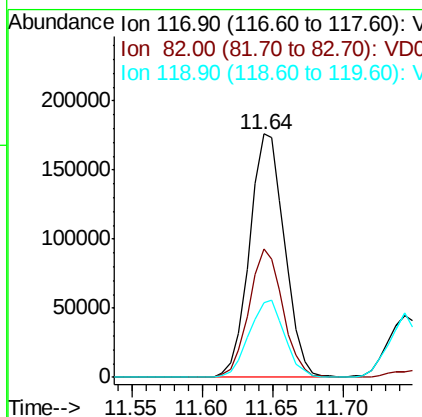
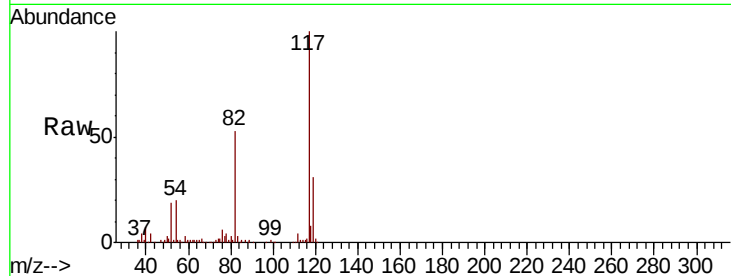
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	306947		
82	53.0		42.8	64.2
119	30.9		24.4	36.6

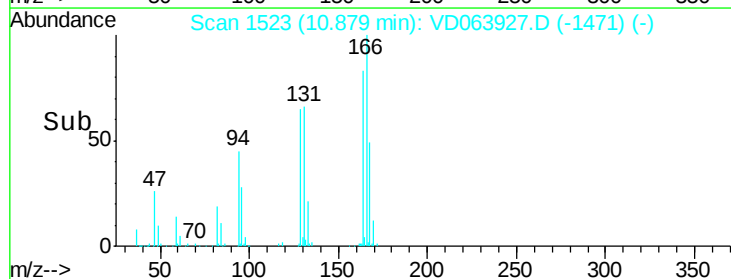
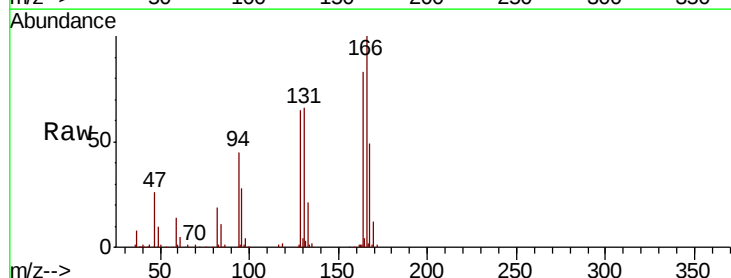
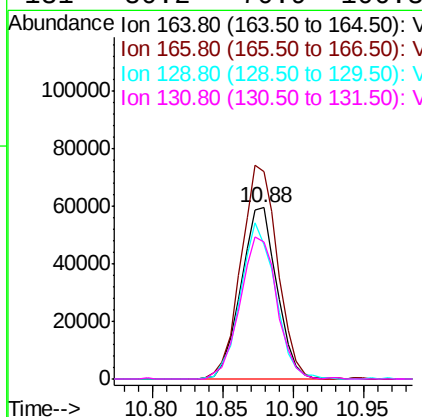
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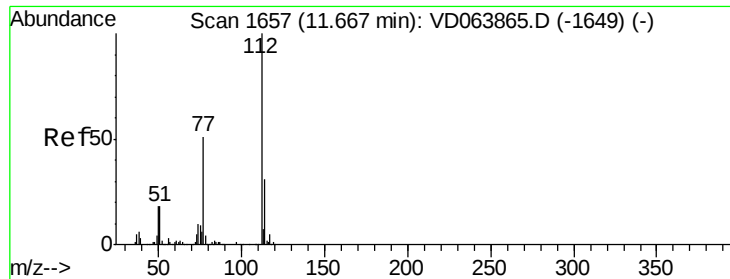
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#64
Tetrachloroethene
Concen: 50.639 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106111		
166	121.1		103.8	155.6
129	78.9		68.9	103.3
131	80.2		70.9	106.3





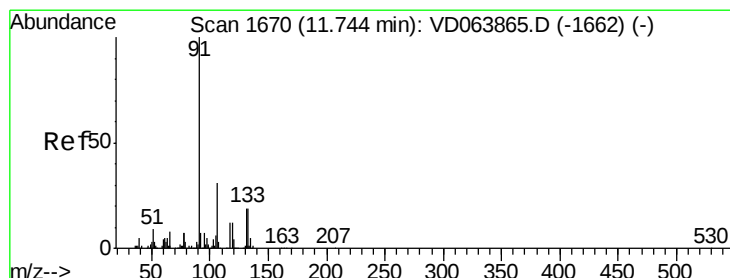
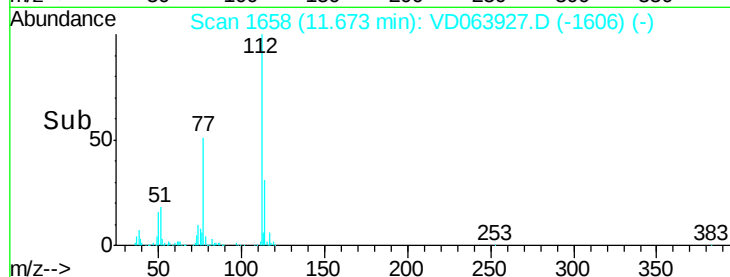
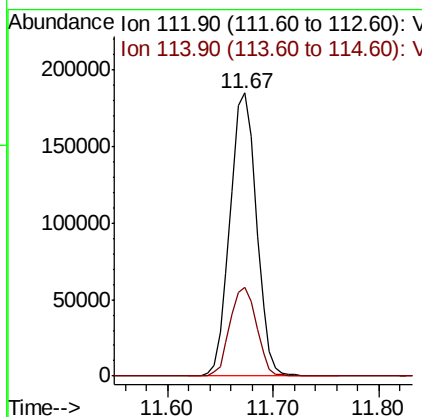
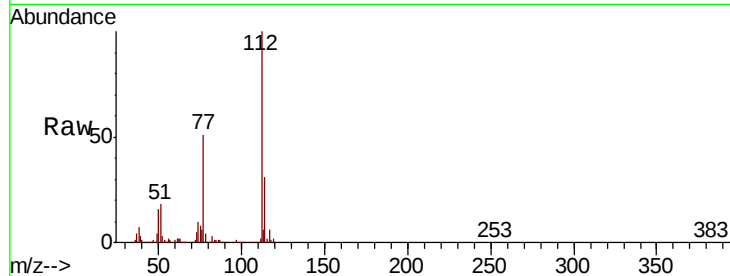
#65
Chlorobenzene
Concen: 51.977 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 320407
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

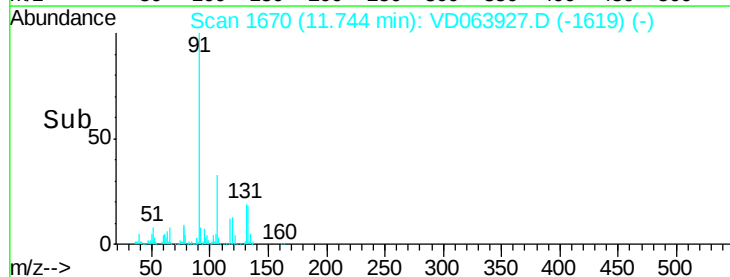
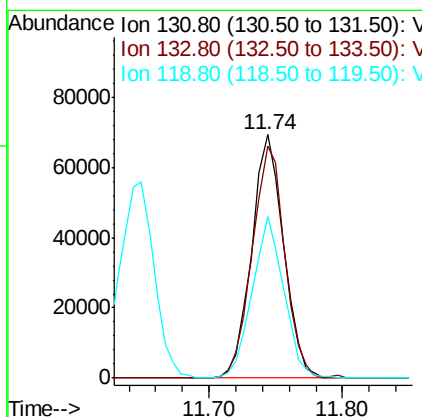
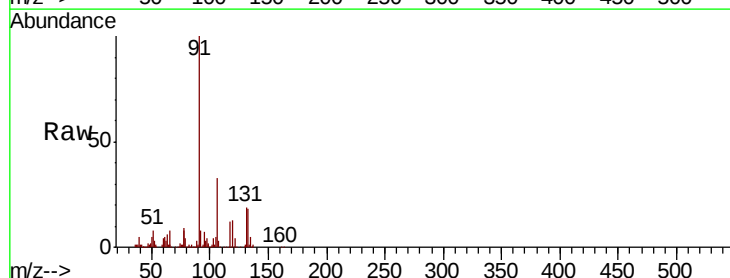
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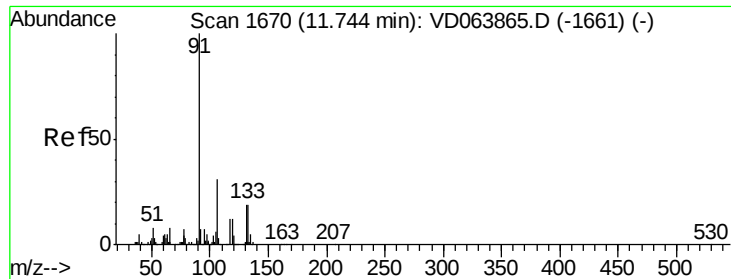
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.321 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion:131 Resp: 114299
Ion Ratio Lower Upper
131 100
133 97.6 48.9 146.7
119 65.5 32.6 97.8





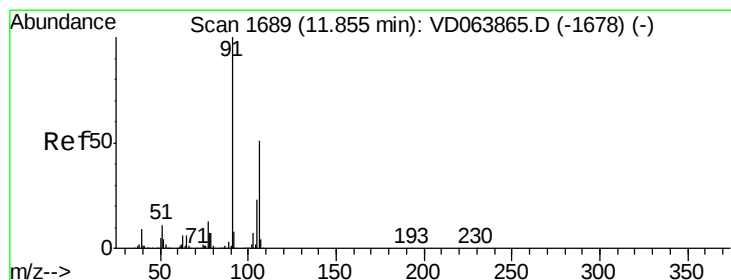
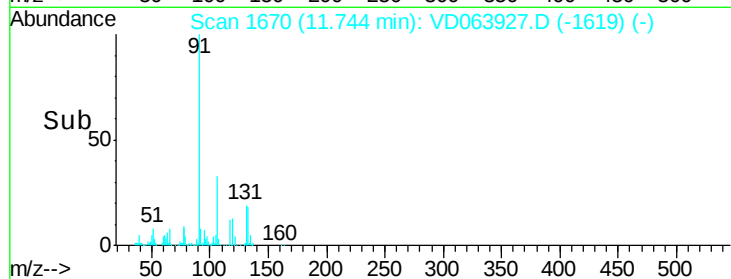
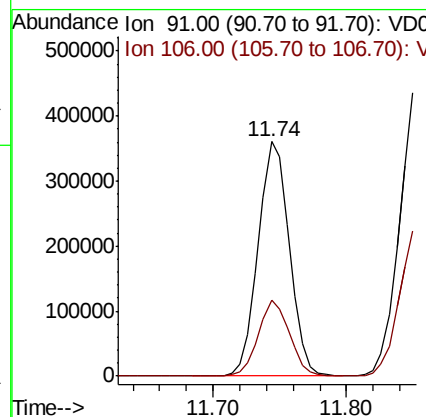
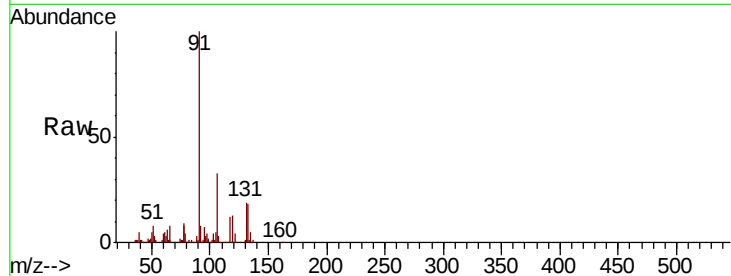
#67
Ethyl Benzene
Concen: 52.309 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 581433
Ion Ratio Lower Upper
91 100
106 32.6 24.6 37.0

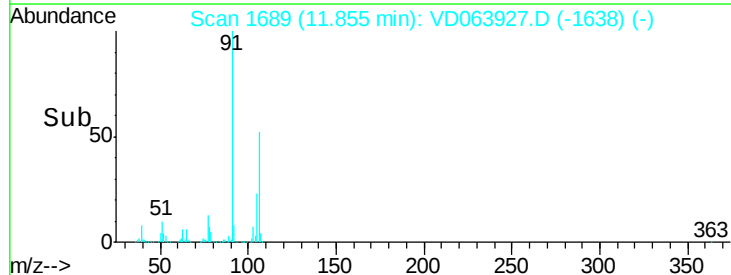
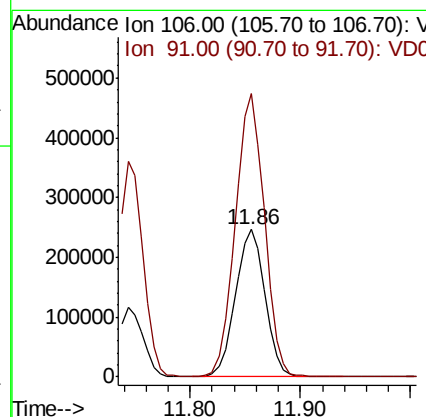
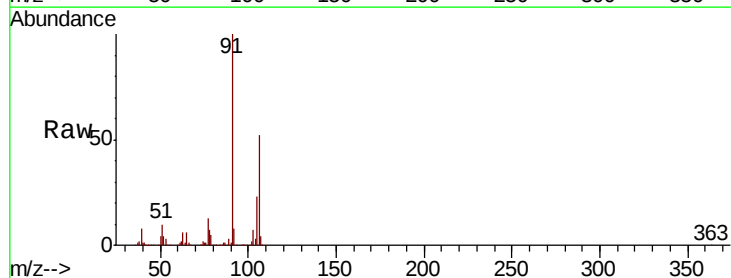
Manual Integrations
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#68
m/p-Xylenes
Concen: 108.147 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion: 106 Resp: 463986
Ion Ratio Lower Upper
106 100
91 189.1 154.8 232.2





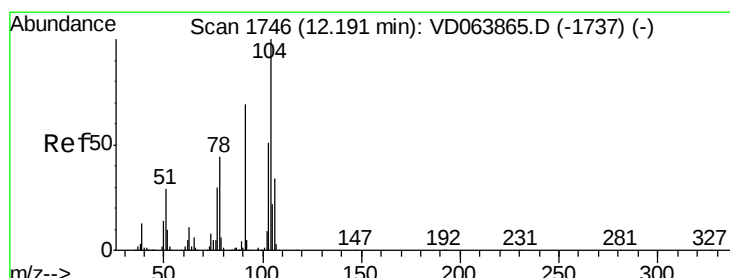
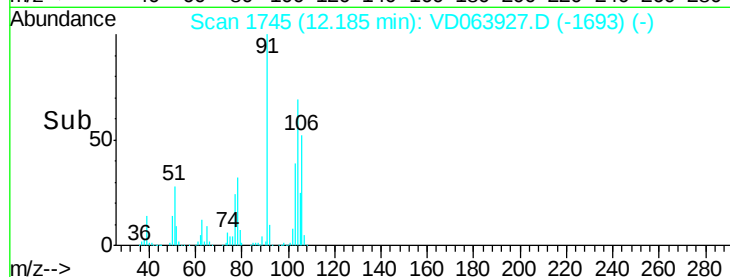
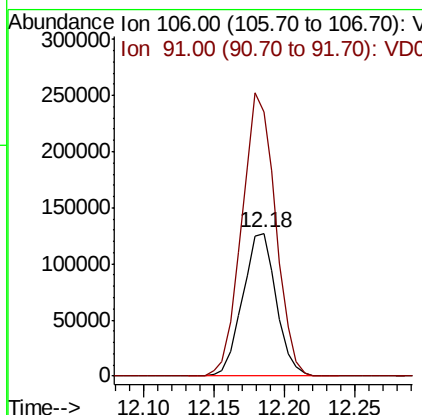
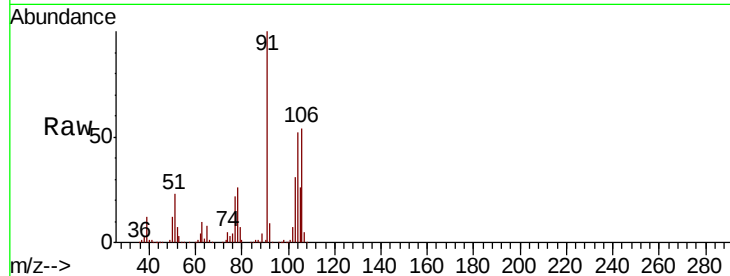
#69
o-Xylene
Concen: 51.635 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.3	103.9	311.7

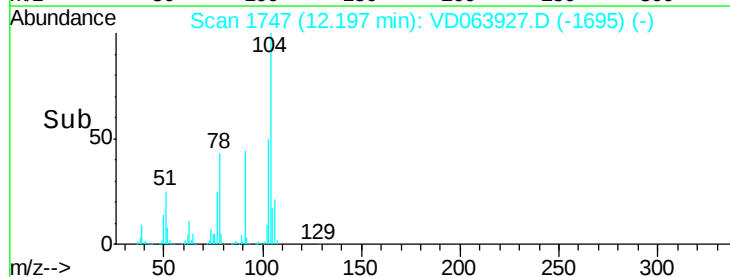
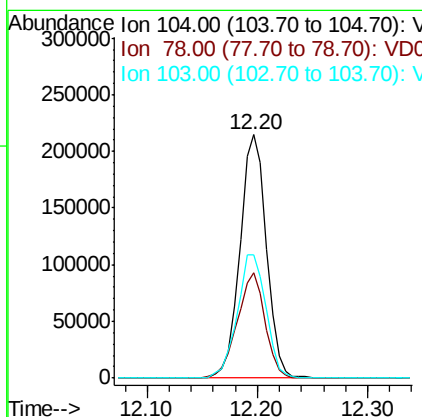
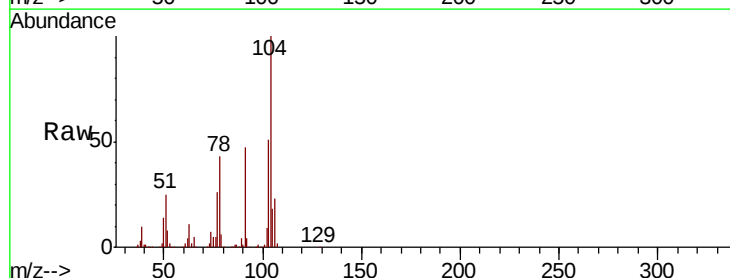
Manual Integrations
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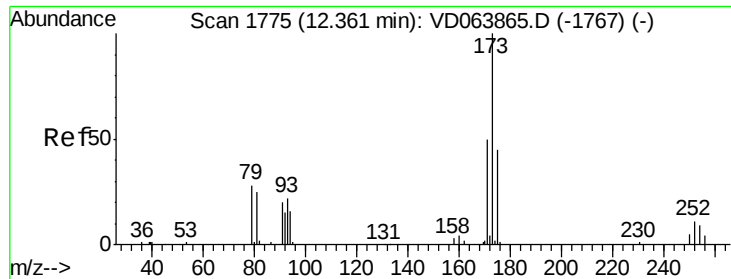
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#70
Styrene
Concen: 51.810 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.8	37.0	55.4
103	55.4	44.2	66.4





#71

Bromoform

Concen: 53.194 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

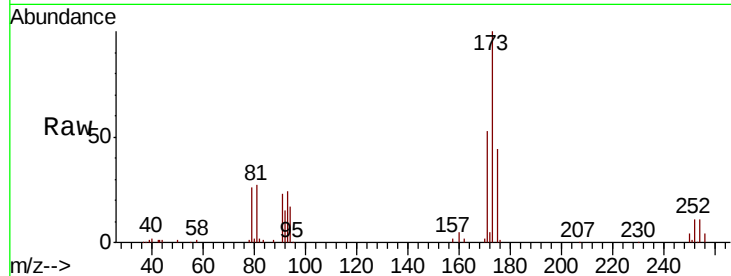
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	24.6	74.0
254	0.3	0.0	0.0

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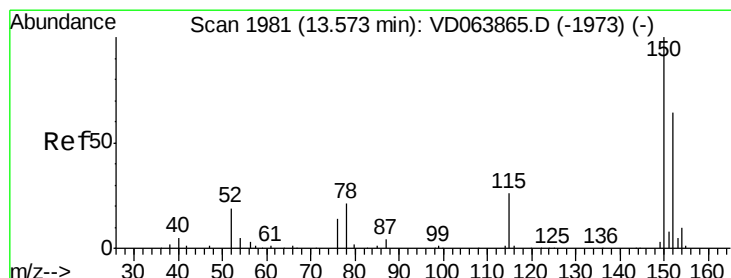
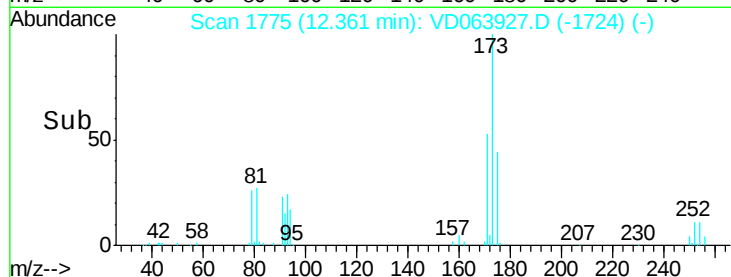
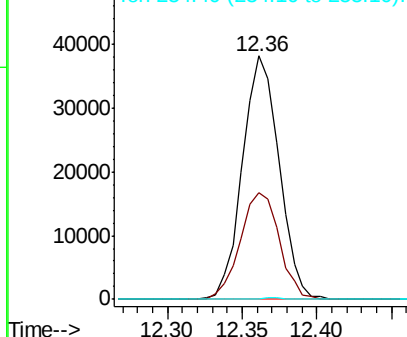


Abundance

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

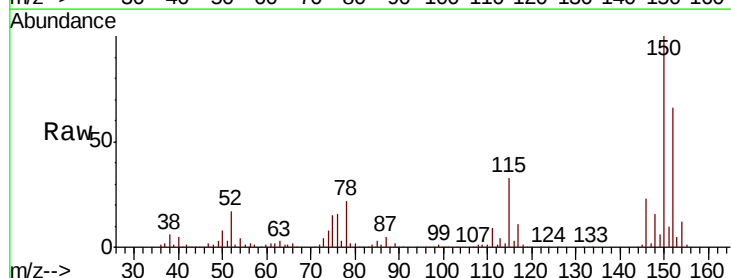
RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	25.9	77.7
150	173.0	0.0	344.2

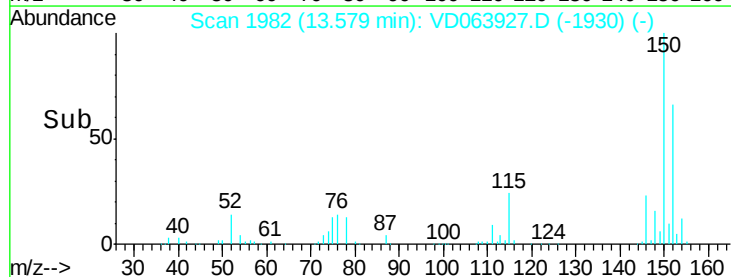
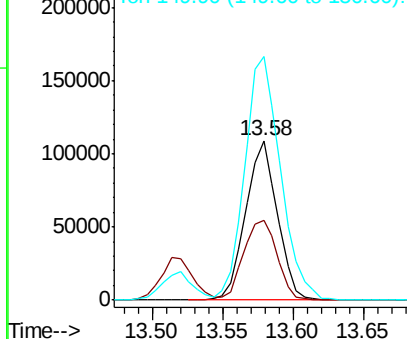


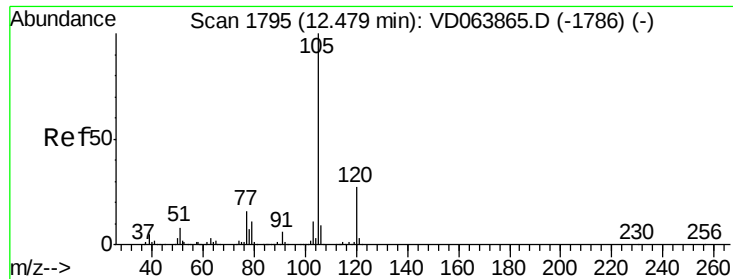
Abundance

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





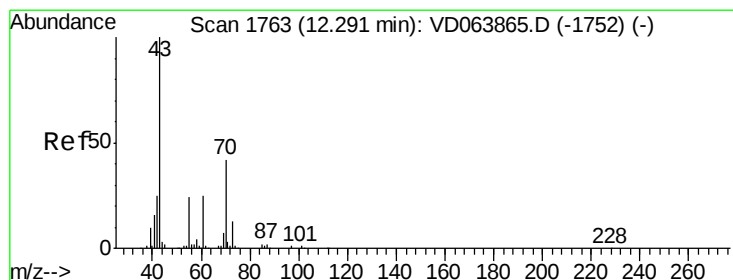
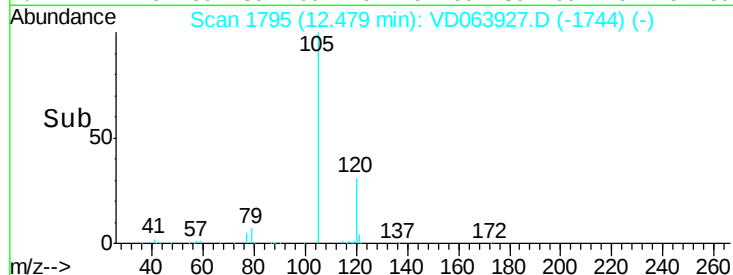
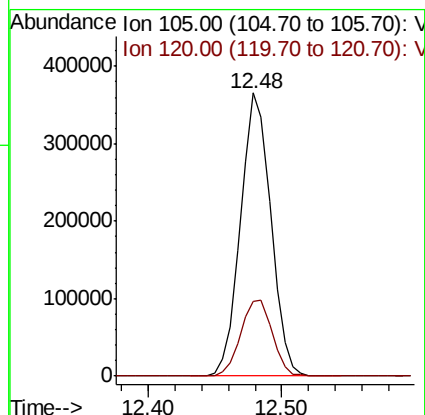
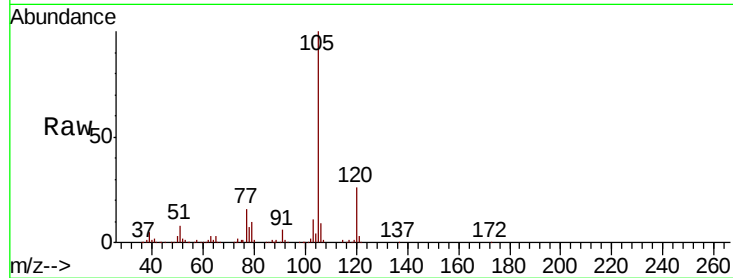
#73
Isopropylbenzene
Concen: 49.943 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.3	39.8

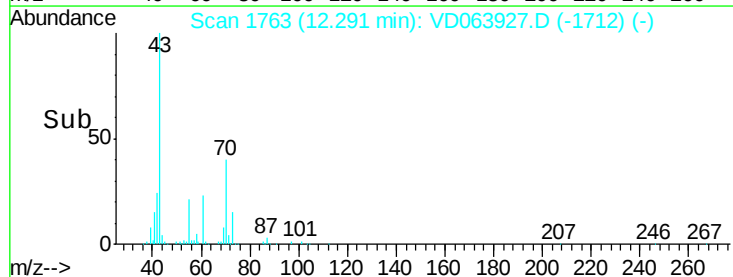
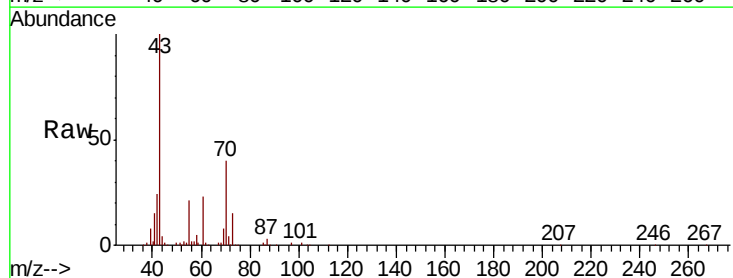
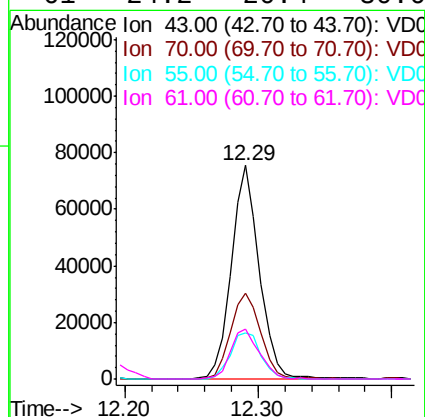
Manual Integrations
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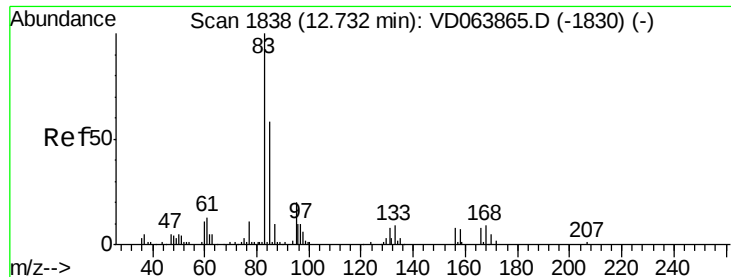
MMDadoda
10/15/2019 4:13:41 PM



#74
N-ethyl acetate
Concen: 44.578 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	35.8	53.6
55	23.9	19.4	29.0
61	24.2	20.4	30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.096 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

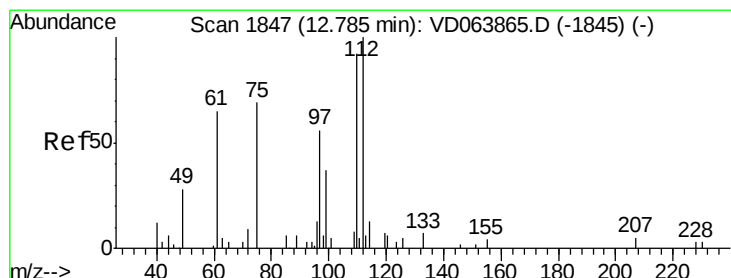
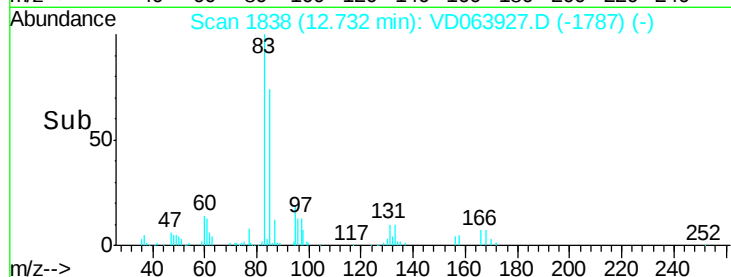
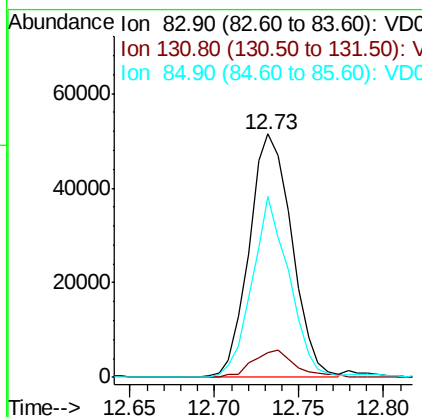
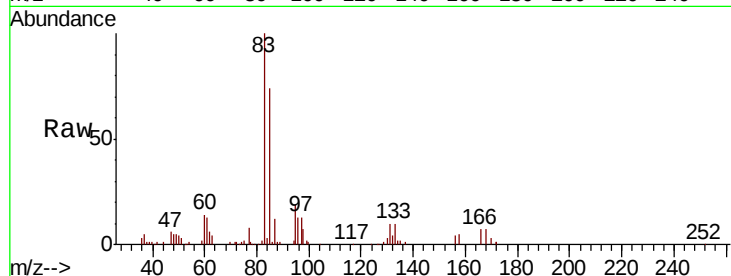
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	90278
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.7	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 52.169 ug/l m

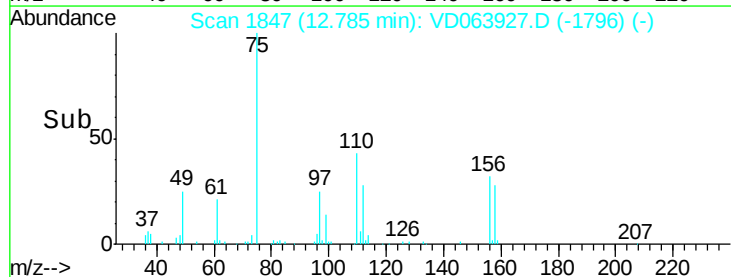
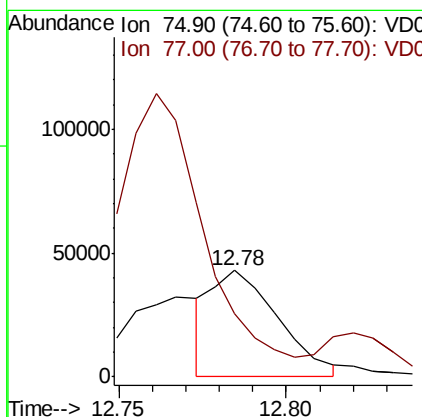
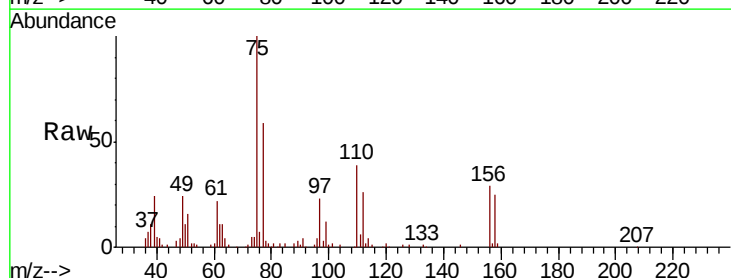
RT: 12.78 min Scan# 1847

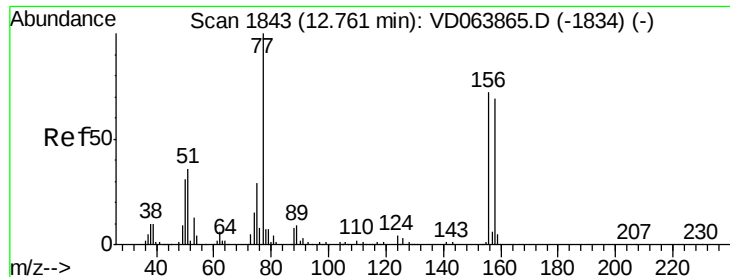
Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Tgt Ion:	75	Resp:	59795
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.358 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

Instrument :

MSVOA_D

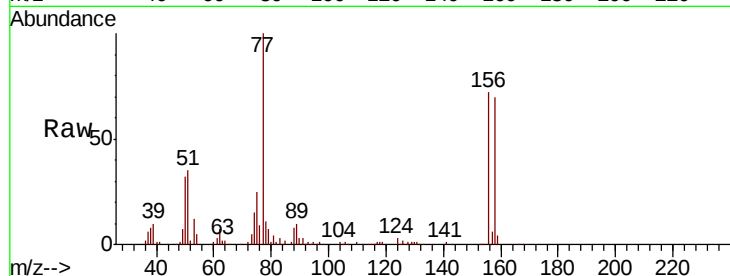
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.9	80.3	241.0
158	97.0	47.4	142.2

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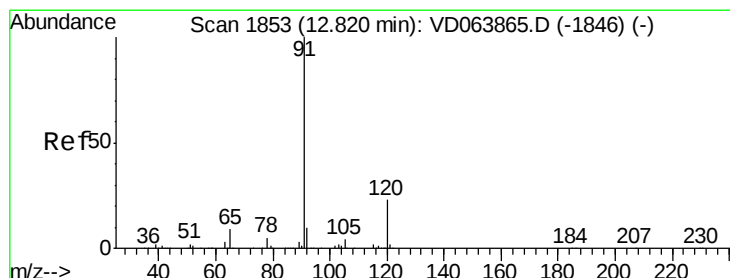
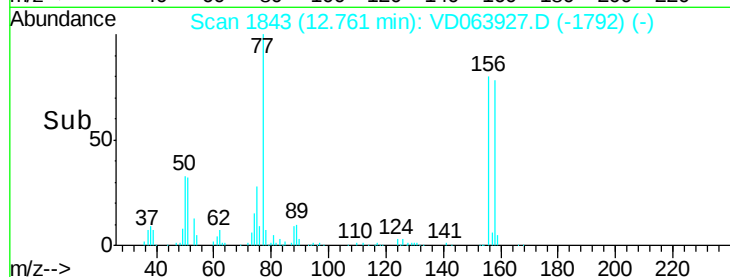
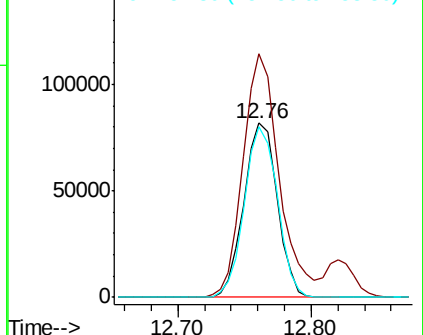


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.951 ug/l

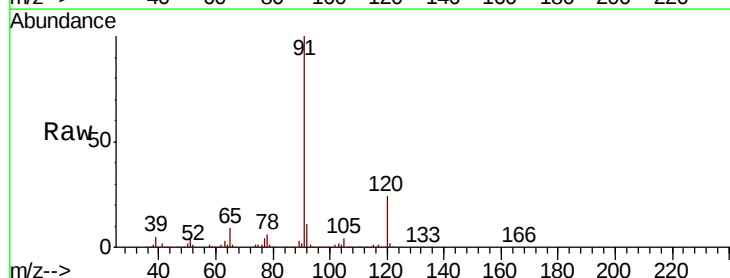
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063927.D

Acq: 11 Oct 2019 10:17

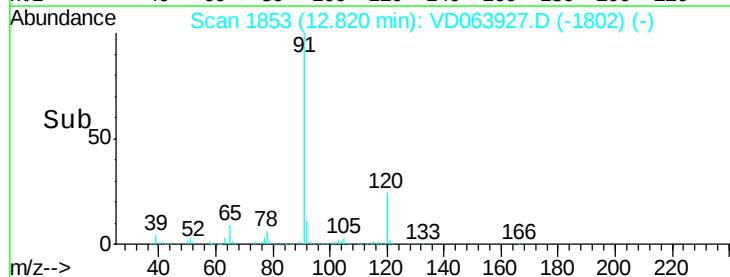
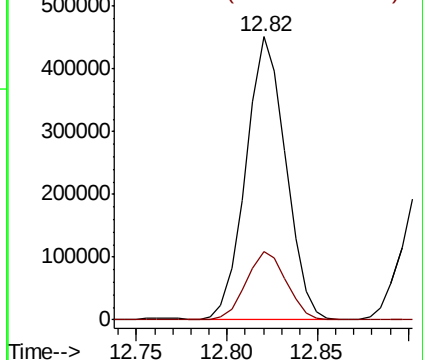
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.0	36.0

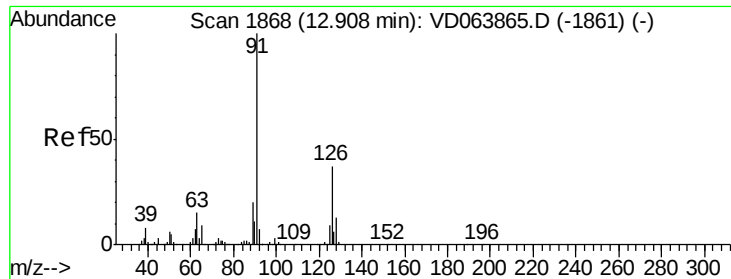


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





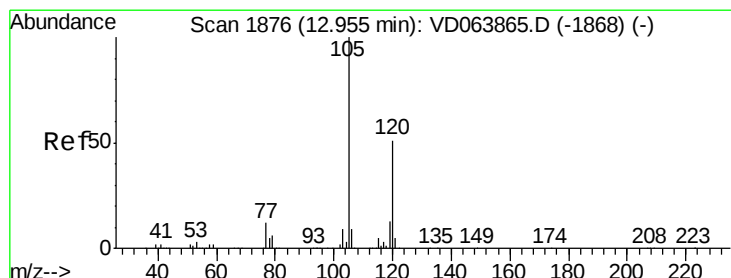
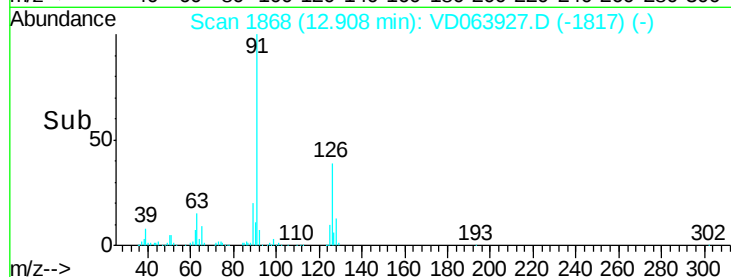
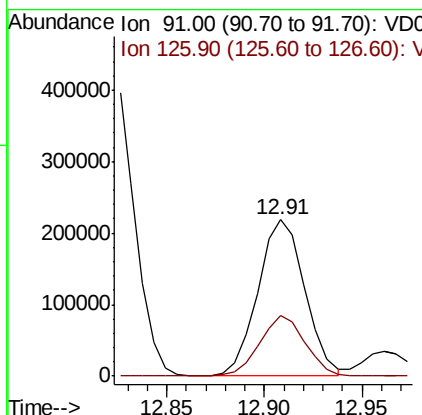
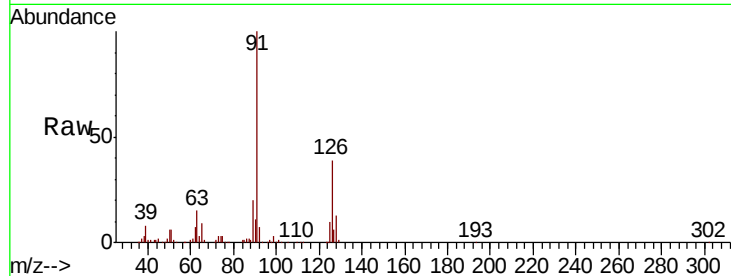
#79
 2-Chlorotoluene
 Concen: 48.795 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 363318
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.4 55.2

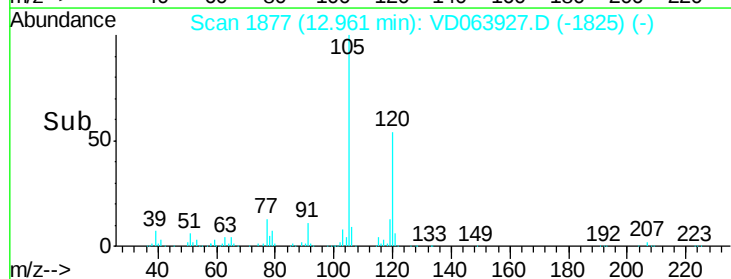
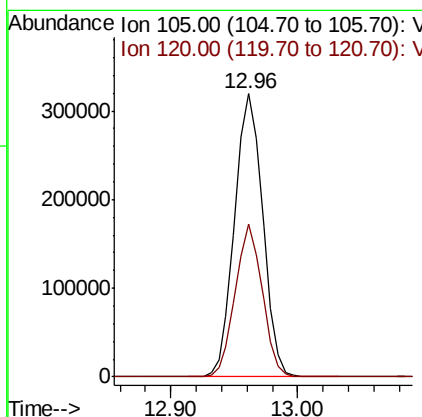
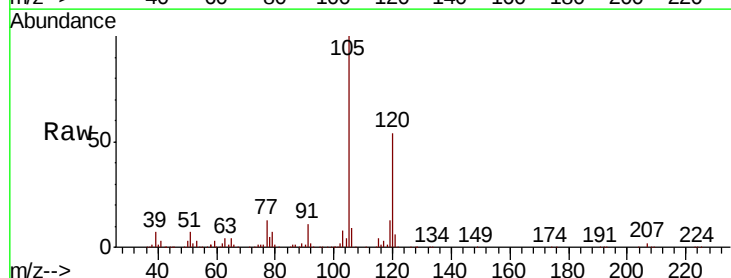
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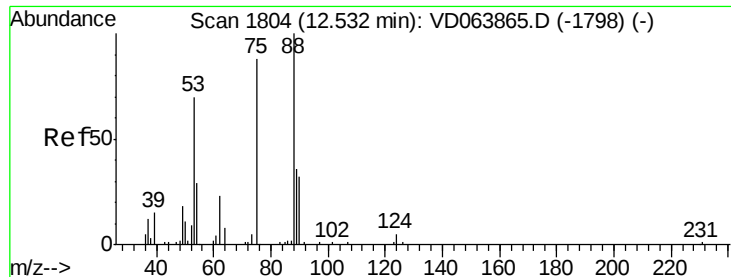
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.189 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion: 105 Resp: 491300
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.9 77.8





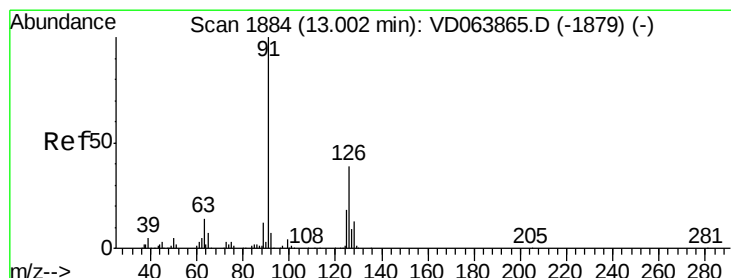
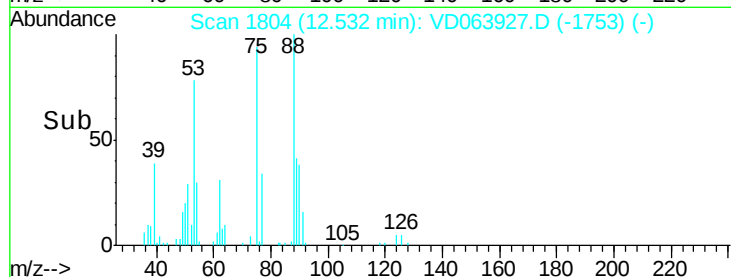
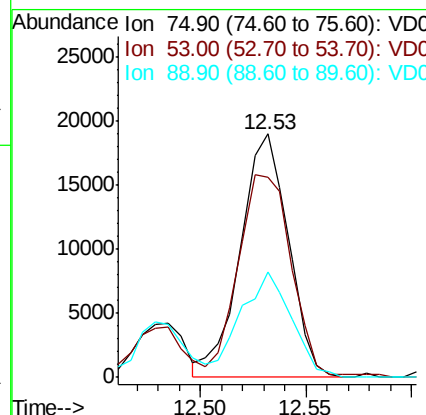
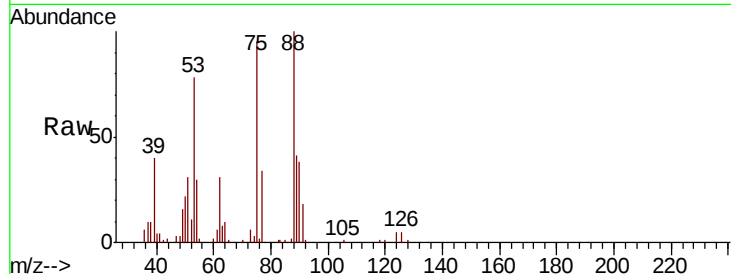
#81
trans-1,4-Dichloro-2-butene
Concen: 46.186 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.4	75.0	112.6
89	46.0	38.2	57.4

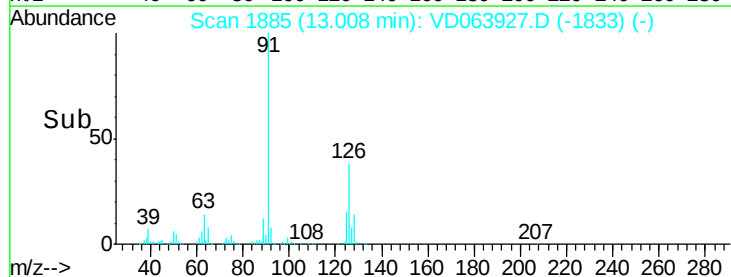
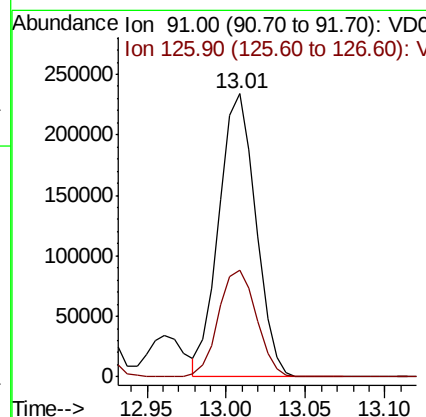
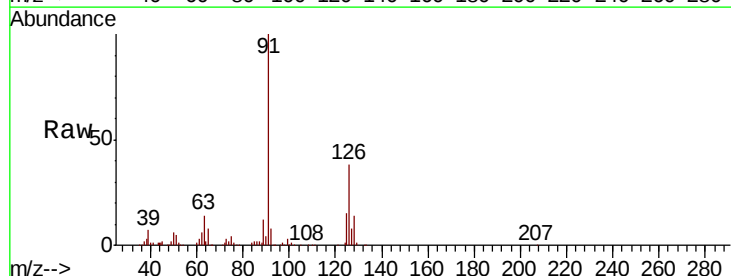
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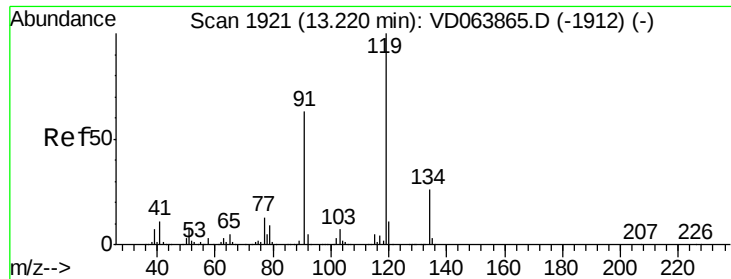
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#82
4-Chlorotoluene
Concen: 48.045 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	39.0	18.6	55.8





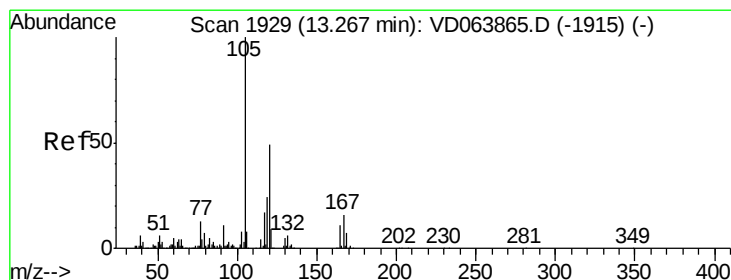
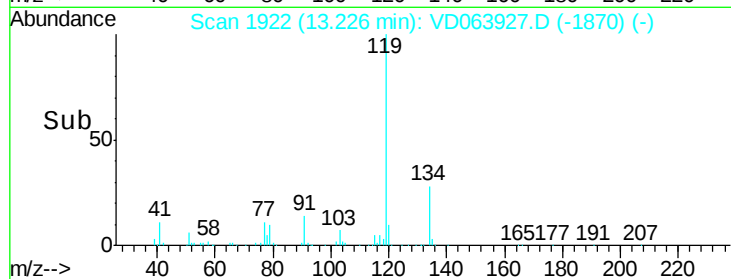
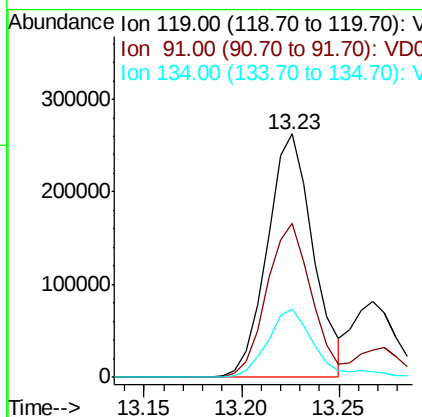
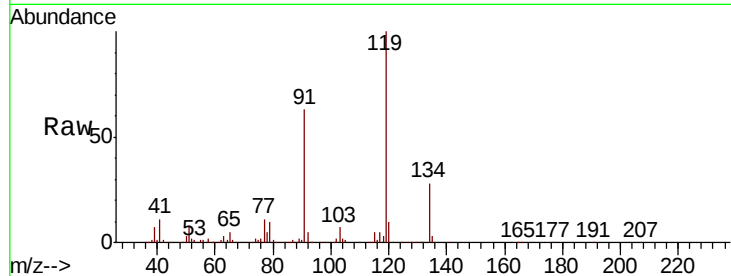
#83
tert-Butylbenzene
Concen: 49.892 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	426163		
91	62.9	30.0	90.0	
134	29.1	13.0	38.9	

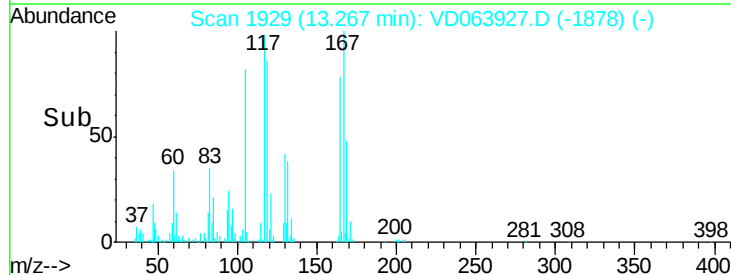
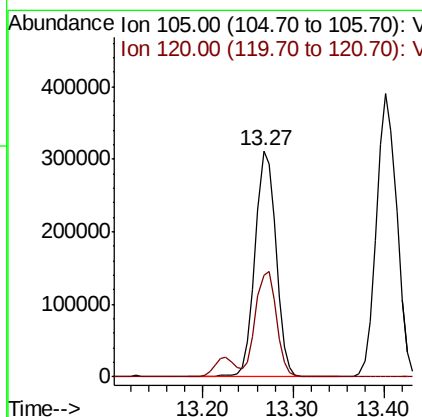
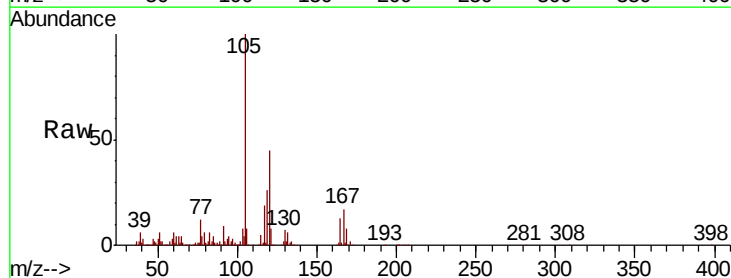
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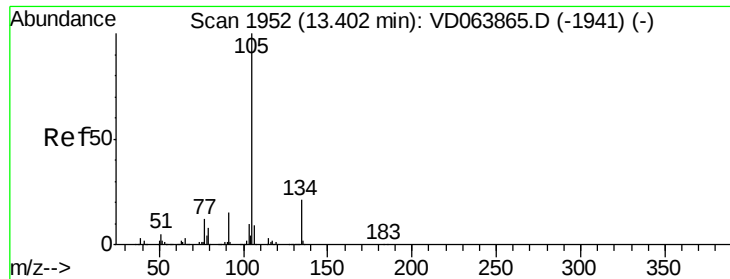
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.620 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500860		
120	46.6	23.8	71.5	





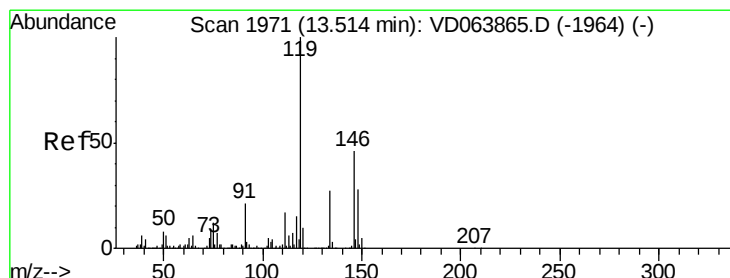
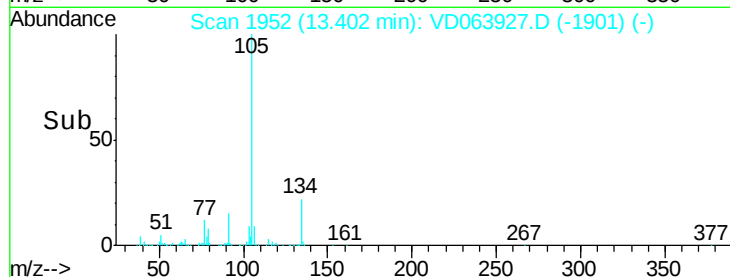
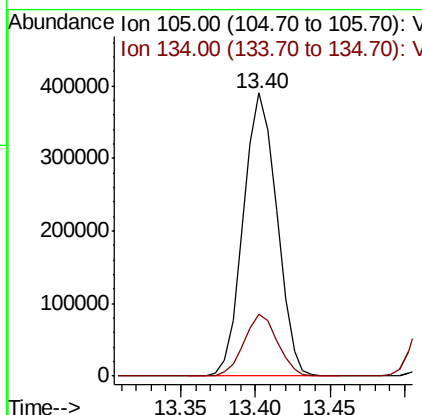
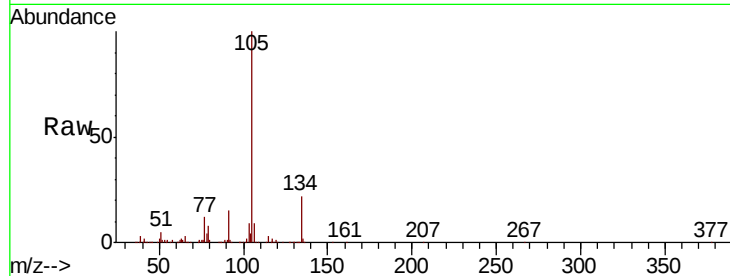
#85
 sec-Butylbenzene
 Concen: 52.687 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.6	31.8

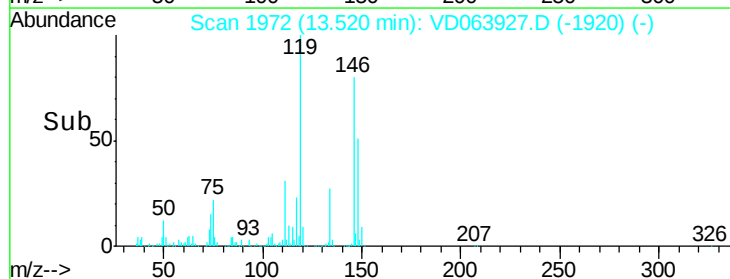
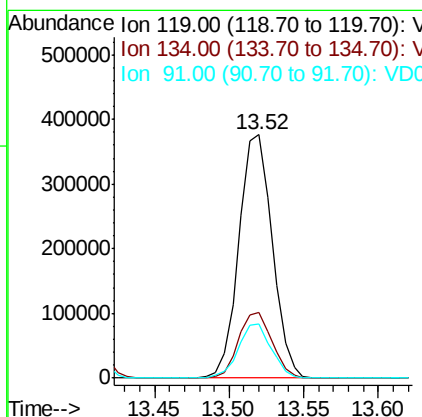
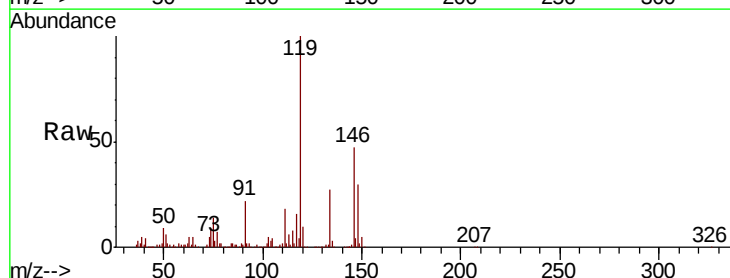
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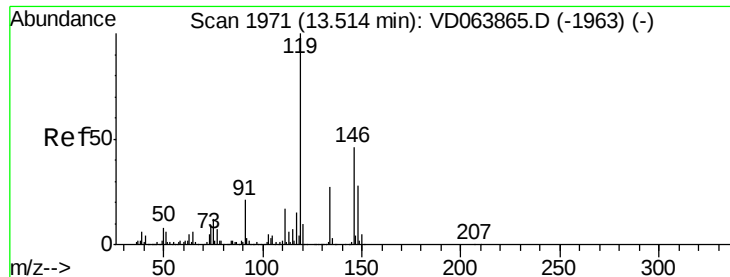
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 53.574 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.9	41.6
91	22.0	11.2	33.5





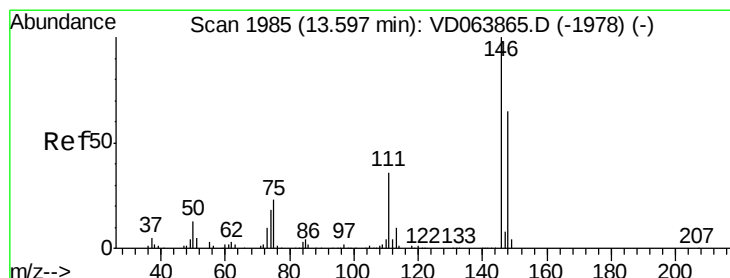
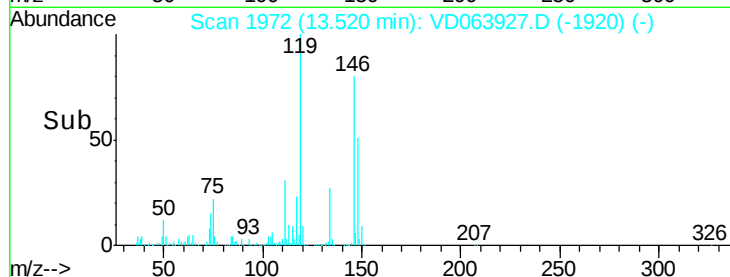
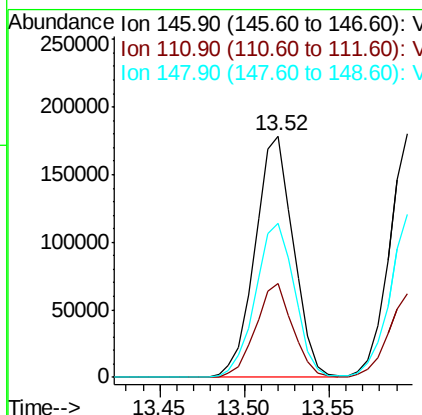
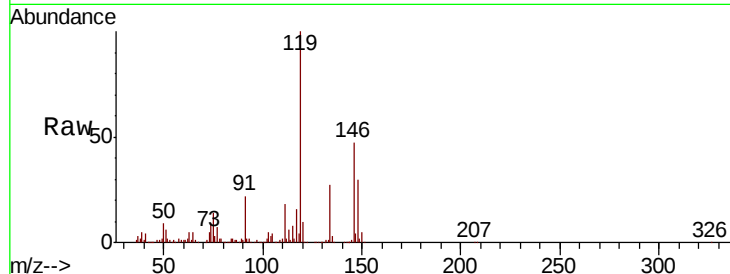
#87
 1,3-Dichlorobenzene
 Concen: 49.865 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	282402		
111	37.4	18.3	54.9	
148	65.0	31.8	95.4	

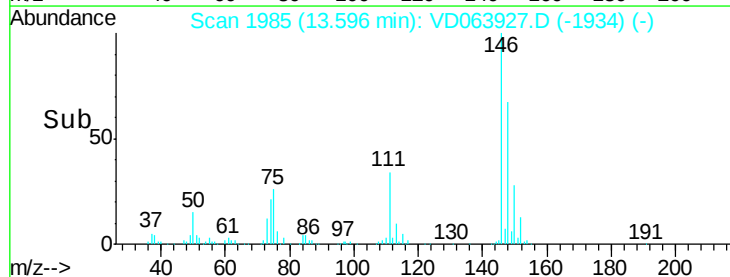
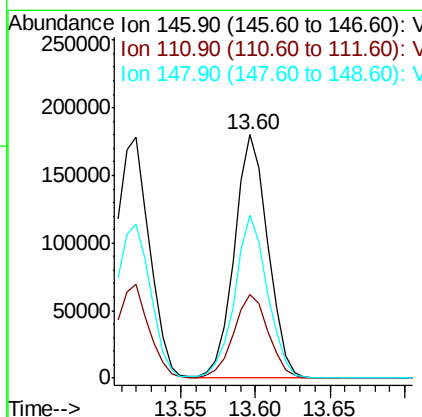
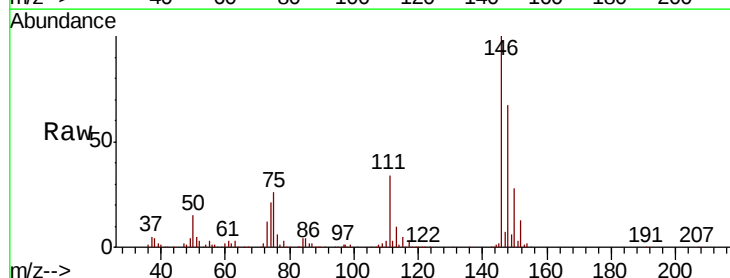
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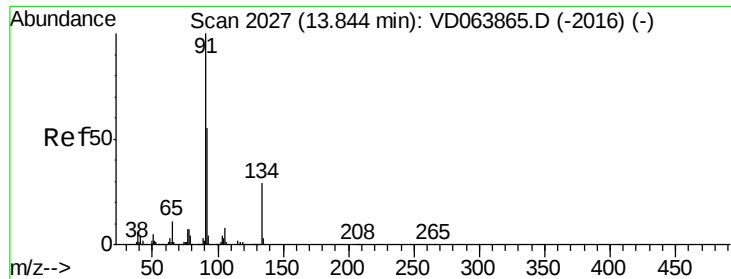
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 50.378 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	281467		
111	35.9	18.6	56.0	
148	65.2	32.6	98.0	





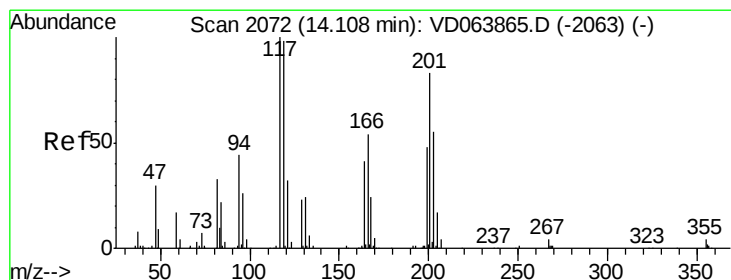
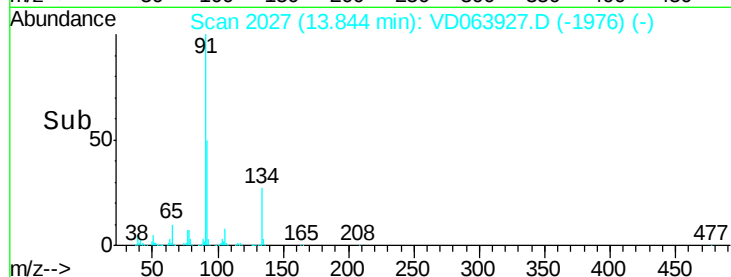
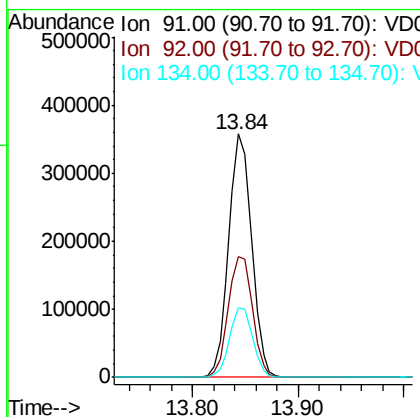
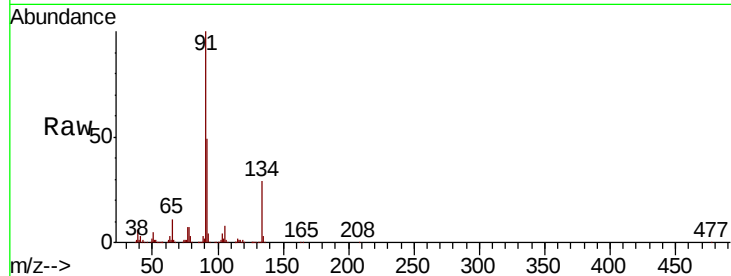
#89
n-Butylbenzene
Concen: 52.710 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.8	80.3
134	28.8	14.4	43.0

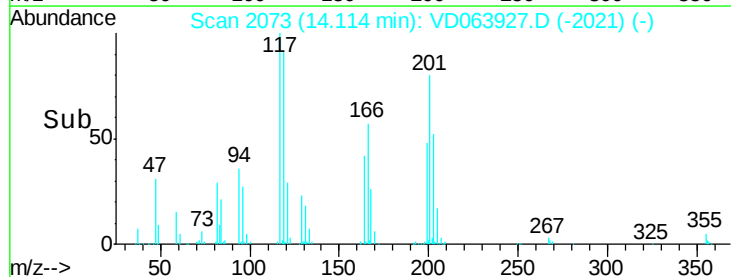
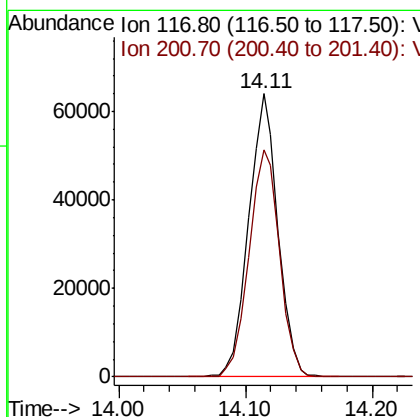
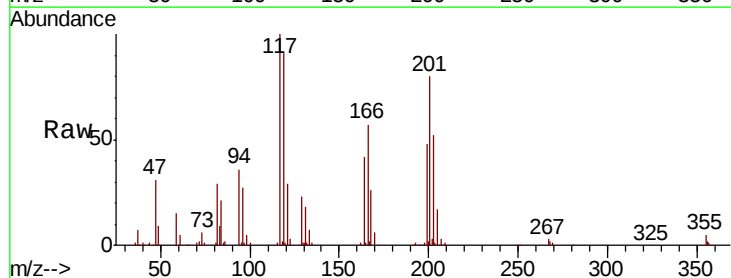
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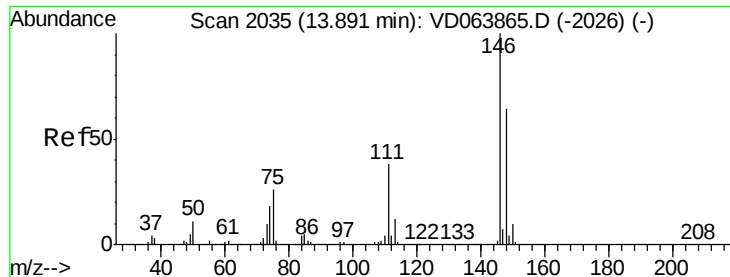
MMDadoda
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#90
Hexachloroethane
Concen: 52.287 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	40.6	121.7





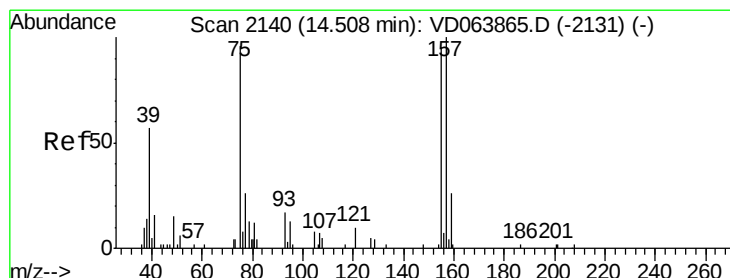
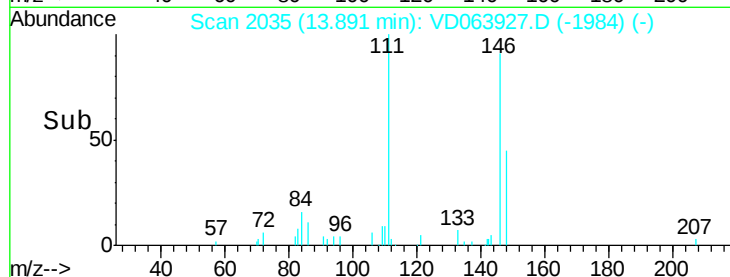
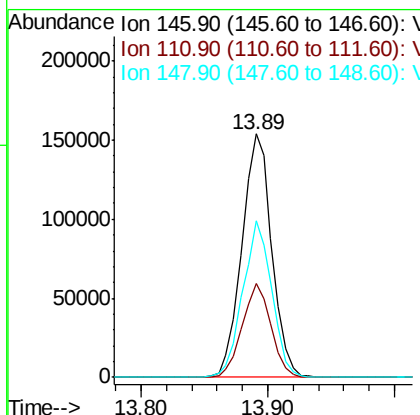
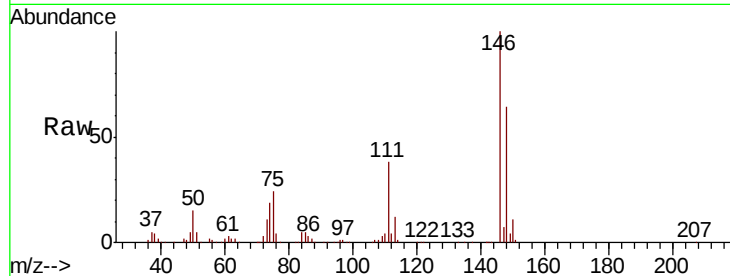
#91
 1,2-Dichlorobenzene
 Concen: 51.397 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	62.6	31.6	95.0

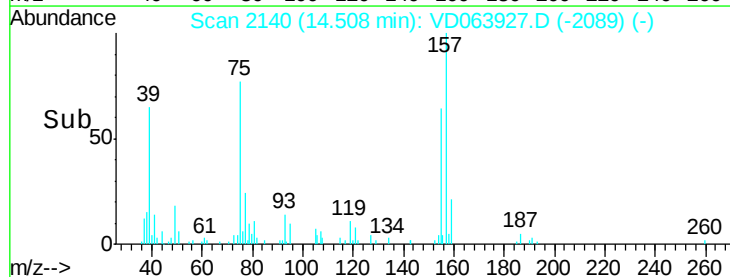
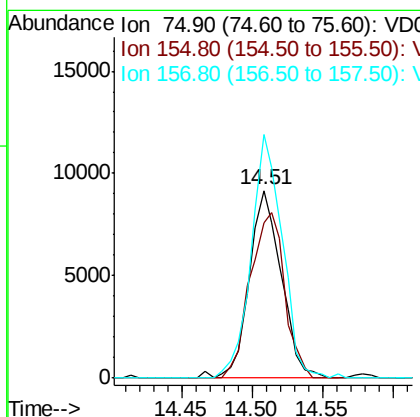
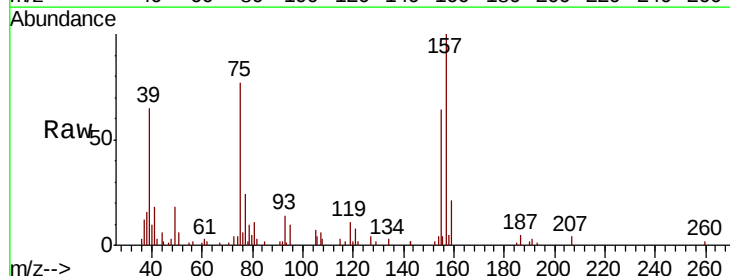
Manual Integrations
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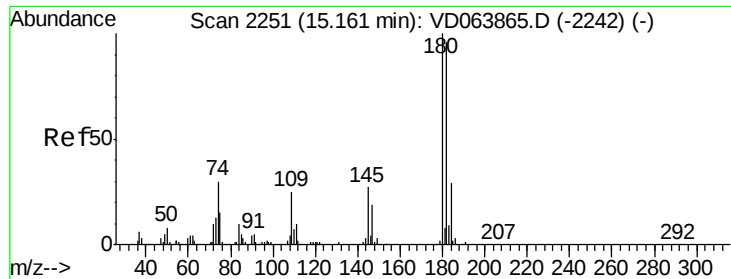
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.988 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	43.9	131.6
157	126.4	56.0	167.9





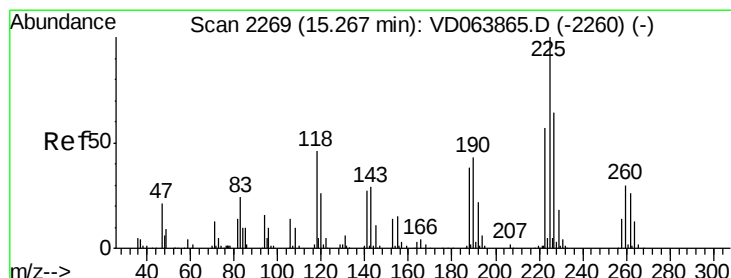
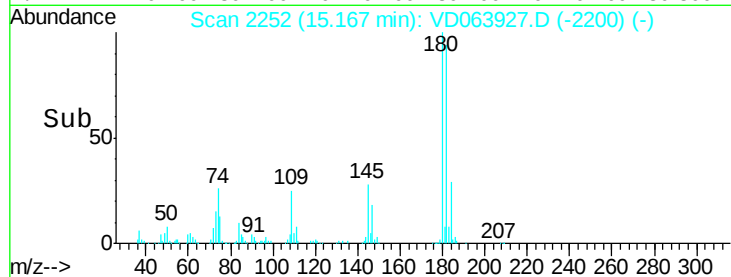
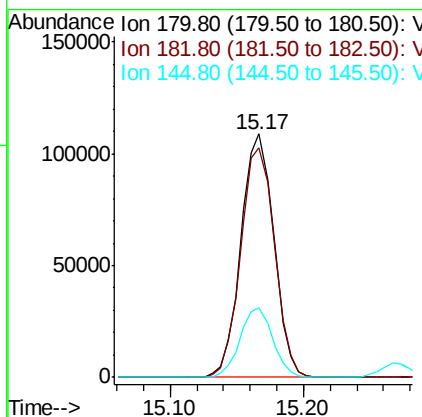
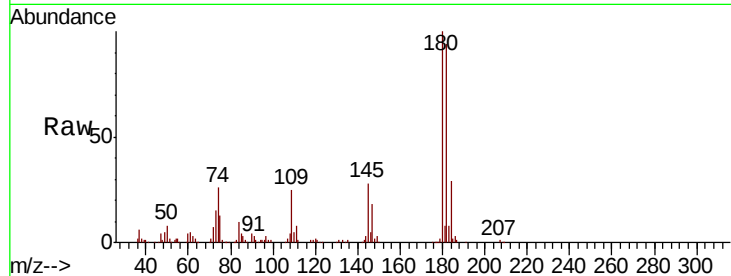
#93
 1,2,4-Trichlorobenzene
 Concen: 49.166 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	185153
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.4	142.3
145	28.3	13.9	41.7

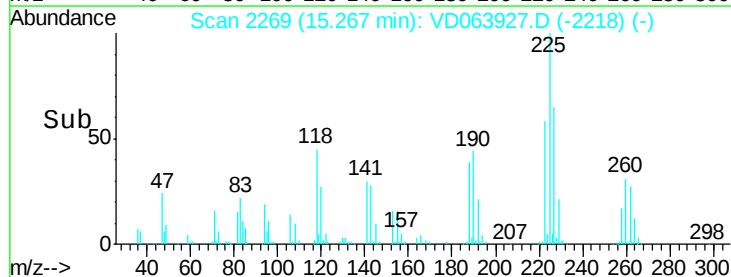
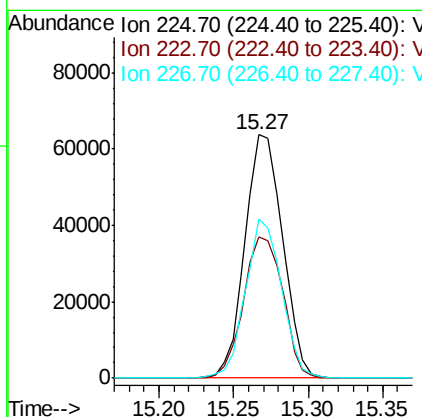
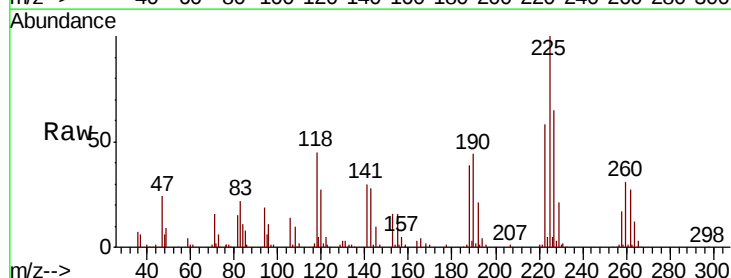
Manual Integrations
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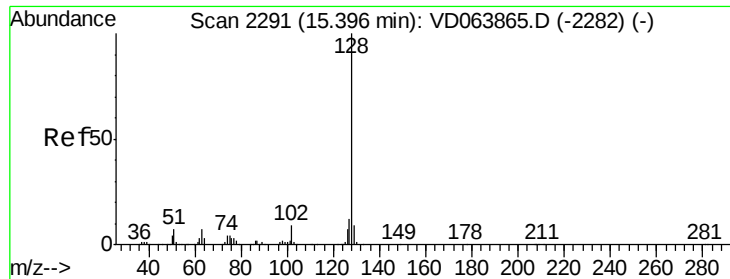
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#94
 Hexachlorobutadiene
 Concen: 53.772 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VD063927.D
 Acq: 11 Oct 2019 10:17

Tgt Ion:	225	Resp:	111745
Ion Ratio	Lower	Upper	
225	100		
223	60.5	29.5	88.6
227	62.4	30.8	92.4





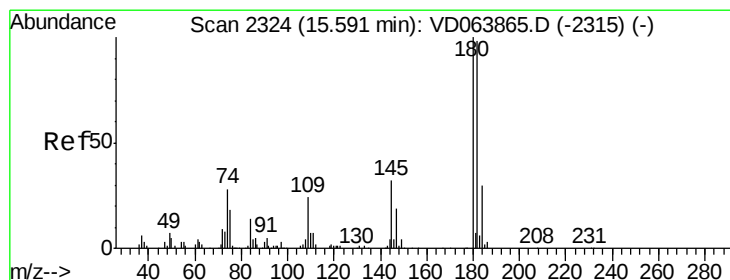
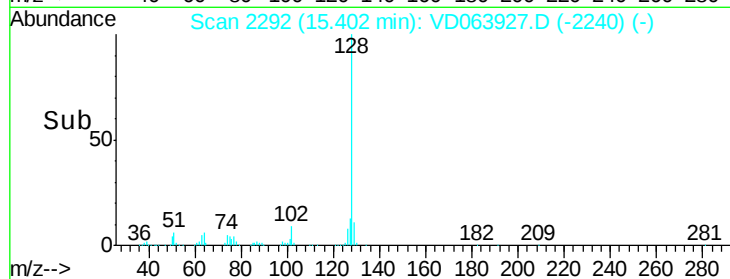
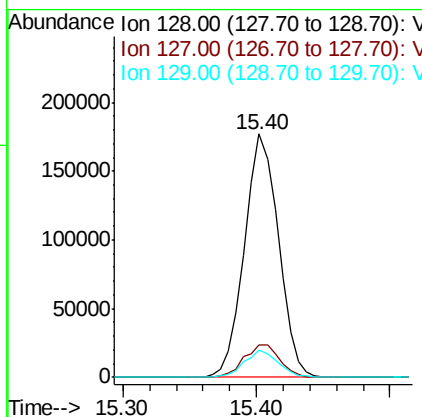
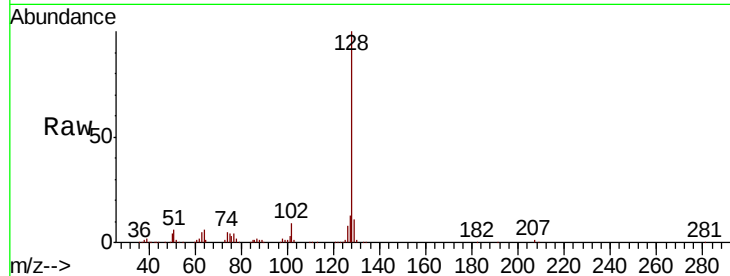
#95
Naphthalene
Concen: 49.361 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.440 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.01 min
Lab File: VD063927.D
Acq: 11 Oct 2019 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.0	141.0
145	29.1	15.3	45.9

