

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

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 07:42:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	169373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	277365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	88276	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	7.92	113	89677	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.34	98	357239	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.64	95	119354	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

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

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	144169	46.235	ug/l	91
40) Benzene	8.36	78	365328	50.269	ug/l	99
41) Methacrylonitrile	7.54	41	29277	49.794	ug/l #	87
42) 1,2-Dichloroethane	8.43	62	103225	49.103	ug/l	99
43) Isopropyl Acetate	8.46	43	101701	47.819	ug/l	98
44) Trichloroethene	9.11	130	101402	48.387	ug/l	97
45) 1,2-Dichloropropane	9.39	63	91904	51.666	ug/l	99
46) Dibromomethane	9.48	93	52475	51.798	ug/l	96
47) Bromodichloromethane	9.67	83	131470	50.405	ug/l	97
48) Methyl methacrylate	9.46	41	48776	47.866	ug/l	97
49) 1,4-Dioxane	9.47	88	13606	983.929	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	275897	250.133	ug/l	96
52) Toluene	10.41	92	259528	52.020	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	128031	50.303	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	148560	50.707	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	74400	52.014	ug/l	97
56) Ethyl methacrylate	10.66	69	91513	50.521	ug/l	96
57) 1,3-Dichloropropane	10.95	76	126719	51.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	211978	272.253	ug/l	99
59) 2-Hexanone	10.99	43	193505	242.524	ug/l	98
60) Dibromochloromethane	11.14	129	99369	53.360	ug/l	97
61) 1,2-Dibromoethane	11.25	107	74914	54.023	ug/l	97
64) Tetrachloroethene	10.88	164	94389	48.987	ug/l	98
65) Chlorobenzene	11.67	112	288040	50.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	107954	51.687	ug/l	98
67) Ethyl Benzene	11.75	91	507479	49.652	ug/l	100
68) m/p-Xylenes	11.86	106	397989	100.884	ug/l	100
69) o-Xylene	12.18	106	193122	51.124	ug/l	95
70) Styrene	12.20	104	329350	51.503	ug/l	98
71) Bromoform	12.36	173	59762	53.317	ug/l #	99
73) Isopropylbenzene	12.48	105	501226	46.798	ug/l	100
74) N-amyl acetate	12.29	43	100909	43.760	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	87856	47.139	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	111565	104.550	ug/l #	100
77) Bromobenzene	12.76	156	127660	47.841	ug/l	96
78) n-propylbenzene	12.83	91	585783	46.595	ug/l	99
79) 2-Chlorotoluene	12.91	91	324017	46.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	418887	46.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24633	40.849	ug/l	91
82) 4-Chlorotoluene	13.01	91	338068	45.973	ug/l	98
83) tert-Butylbenzene	13.23	119	366872	46.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	432239	46.922	ug/l	99
85) sec-Butylbenzene	13.40	105	504569	46.983	ug/l	100
86) p-Isopropyltoluene	13.52	119	490276	48.244	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	260115	49.334	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	253060	48.650	ug/l	97
89) n-Butylbenzene	13.84	91	435380	46.026	ug/l	99
90) Hexachloroethane	14.11	117	87740	48.004	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	226620	49.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13965	48.134	ug/l	81

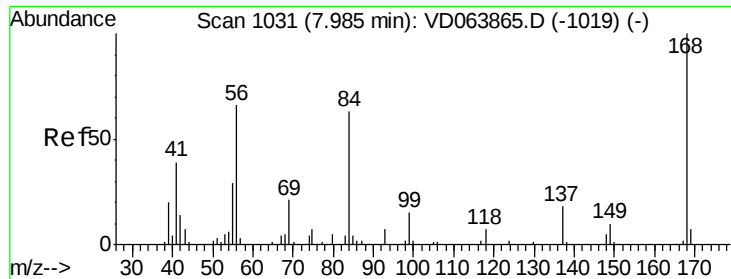
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160999	45.921	ug/l	99
94) Hexachlorobutadiene	15.27	225	92758	47.943	ug/l	97
95) Naphthalene	15.40	128	292535	49.643	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

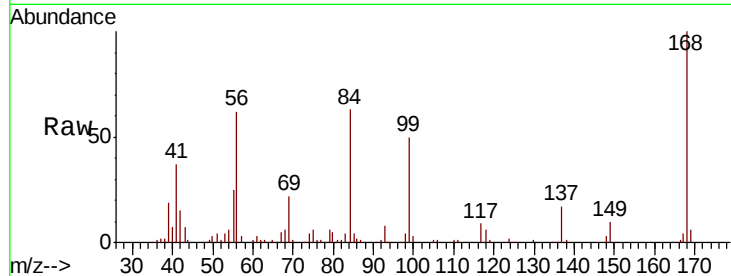
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 169373

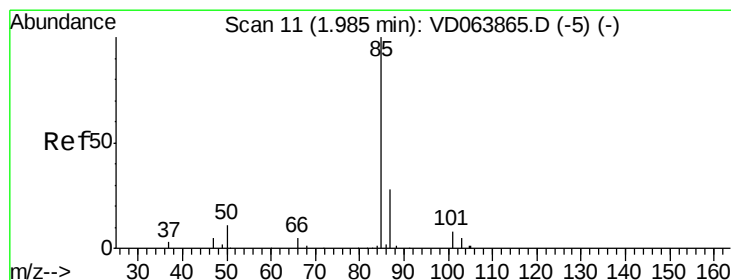
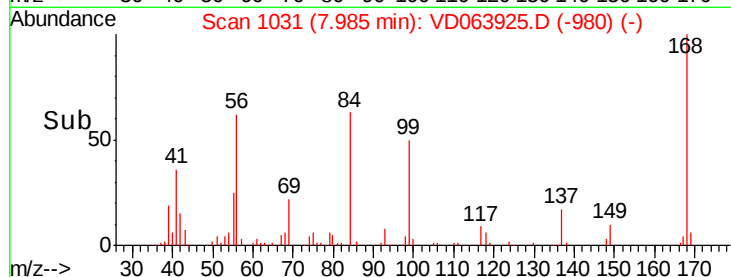
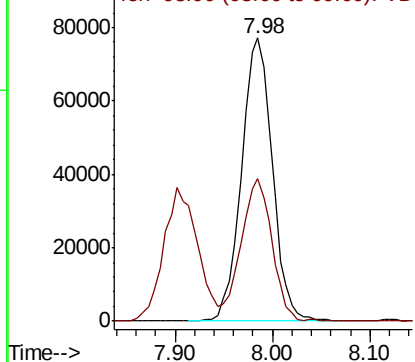
Ion Ratio Lower Upper

168 100

99 50.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.575 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063925.D

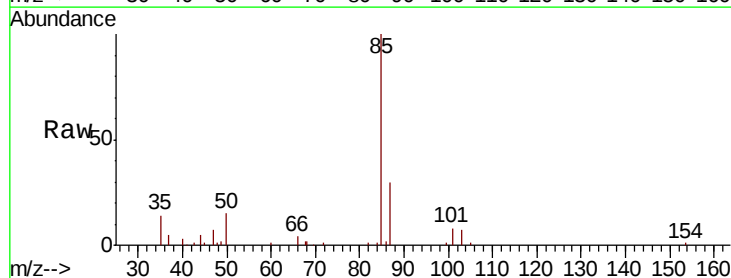
Acq: 10 Oct 2019 22:17

Tgt Ion: 85 Resp: 47536

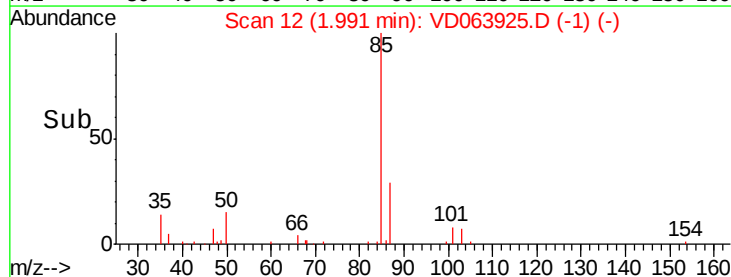
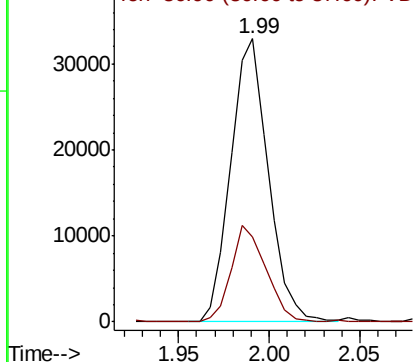
Ion Ratio Lower Upper

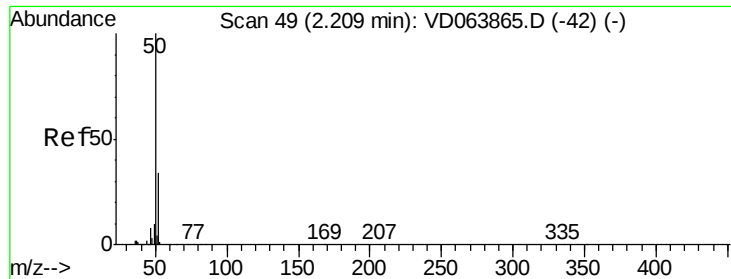
85 100

87 30.2 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC
Ion 86.90 (86.60 to 87.60): VDC

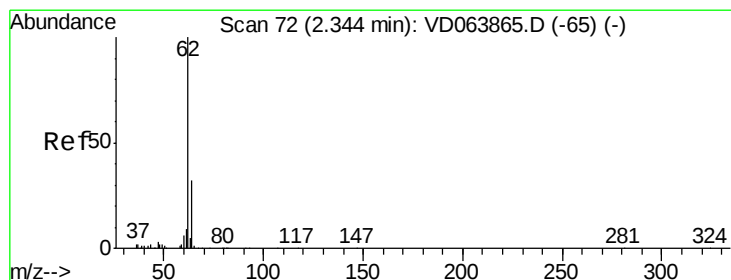
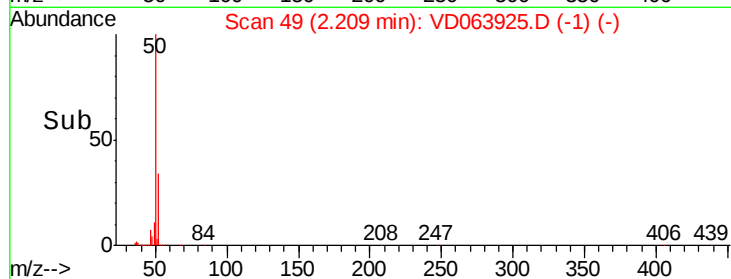
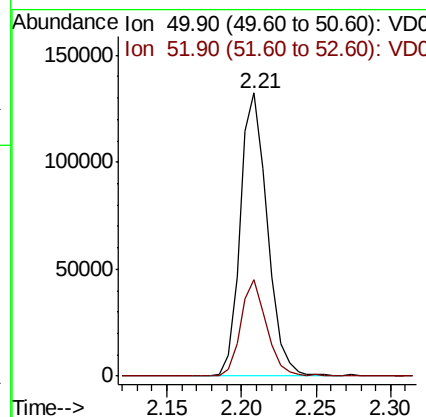
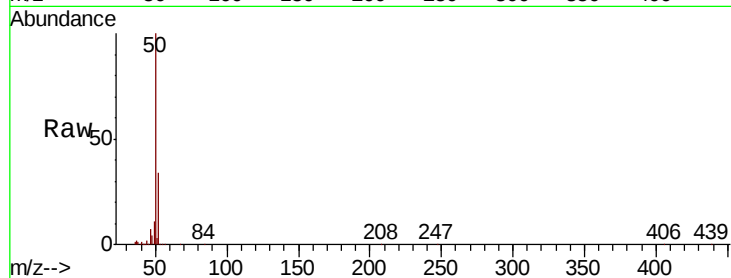




#3
Chloromethane
Concen: 51.681 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

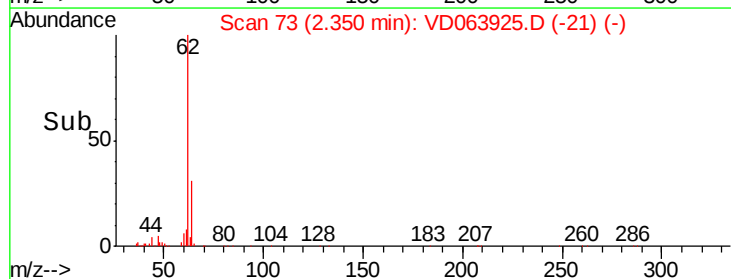
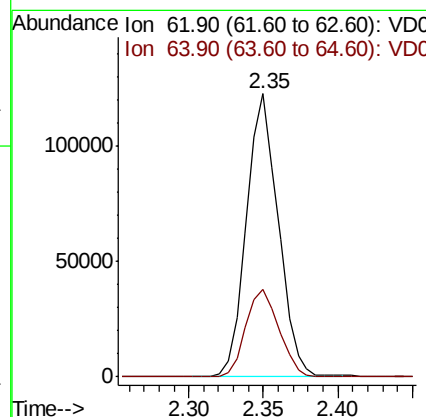
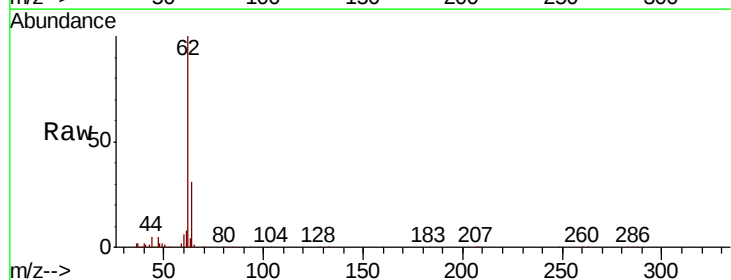
Instrument :
MSVOA_D
ClientSampleId :

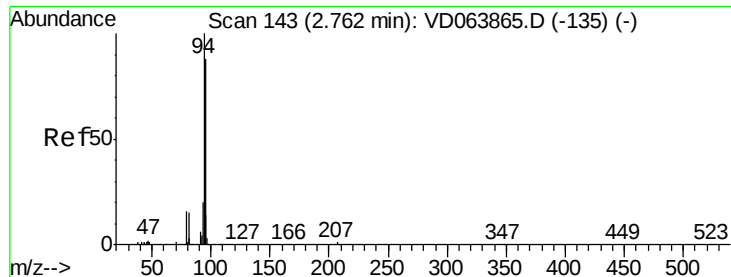
Tot Ion: 50 Resp: 167205
Ion Ratio Lower Upper
50 100
52 33.9 27.5 41.3



#4
Vinyl Chloride
Concen: 46.839 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 62 Resp: 181838
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5

Bromomethane

Concen: 48.995 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

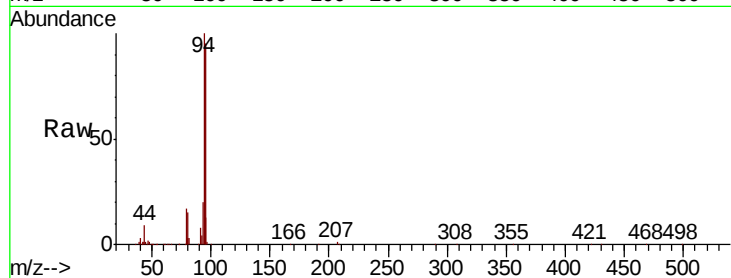
ClientSampleId :

Tot Ion: 94 Resp: 122281

Ion Ratio Lower Upper

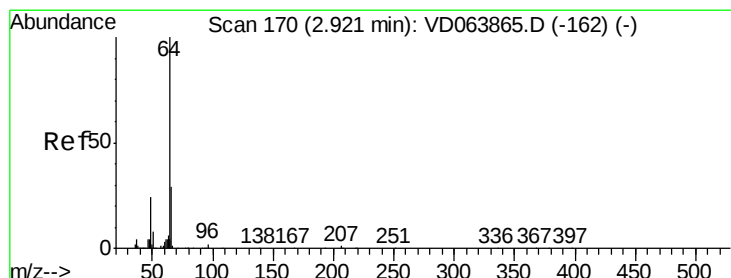
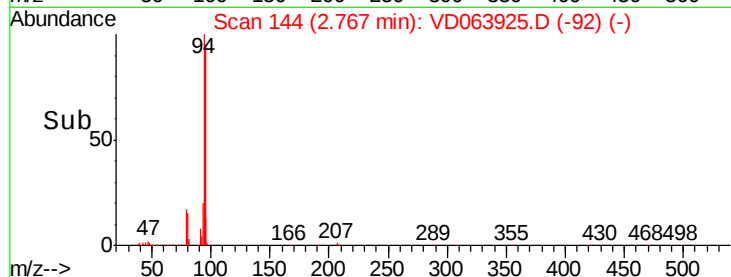
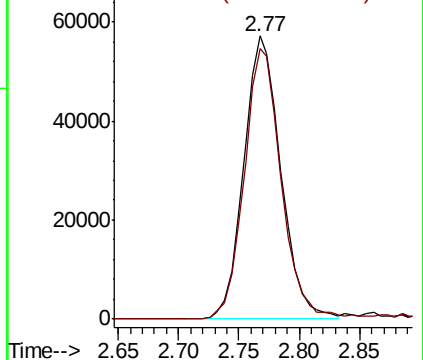
94 100

96 95.4 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.241 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063925.D

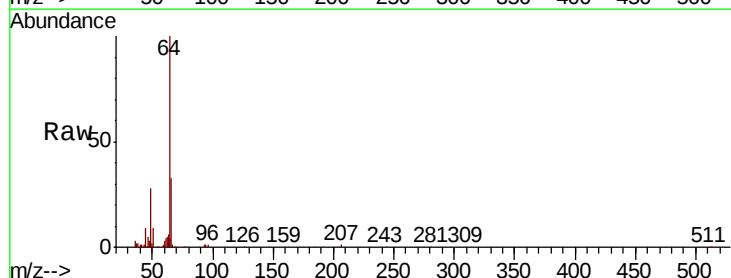
Acq: 10 Oct 2019 22:17

Tgt Ion: 64 Resp: 123854

Ion Ratio Lower Upper

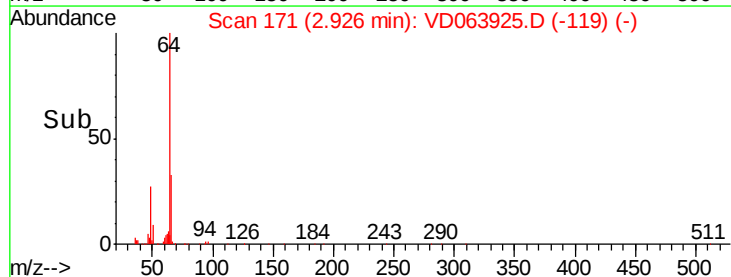
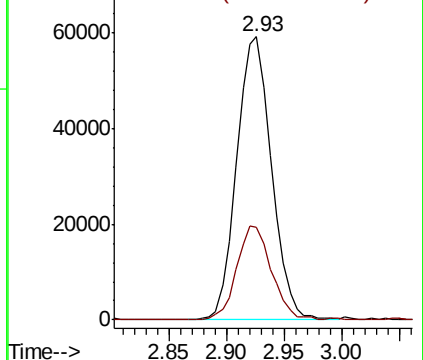
64 100

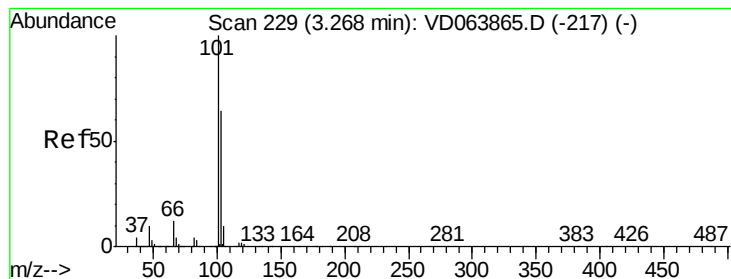
66 32.7 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



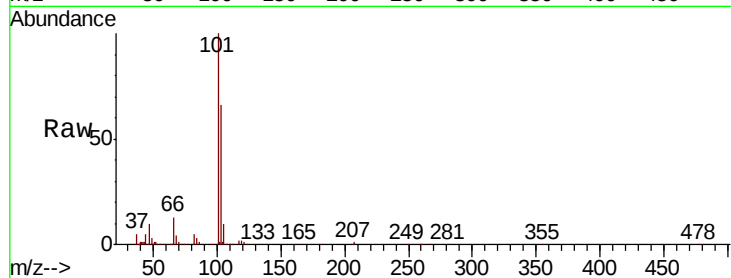


#7

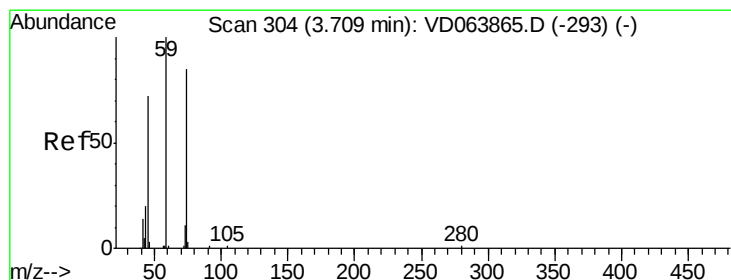
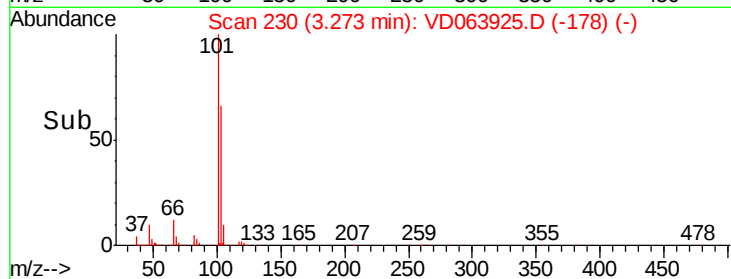
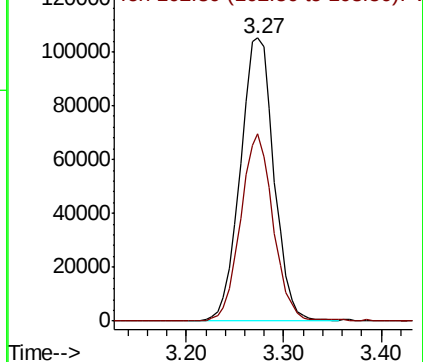
Trichlorofluoromethane
 Concen: 49.374 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 253425
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.1 76.7



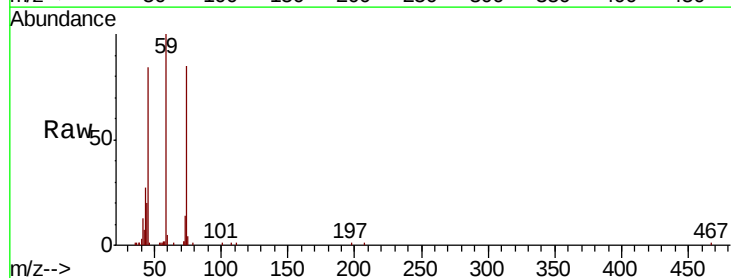
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



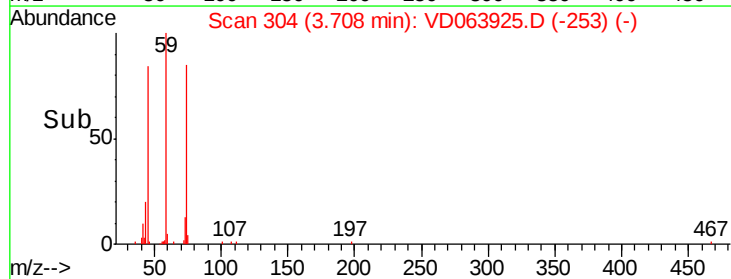
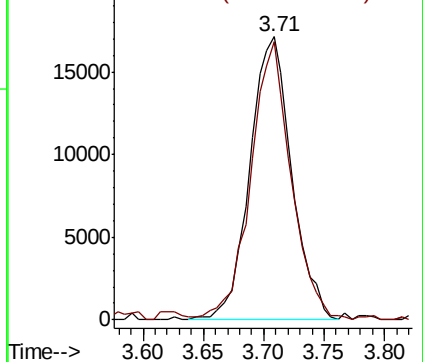
#8

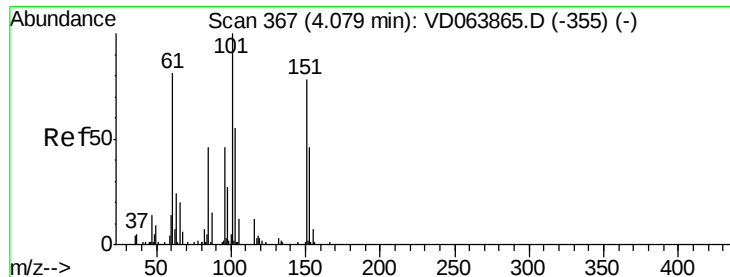
Diethyl Ether
 Concen: 50.342 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 74 Resp: 41474
 Ion Ratio Lower Upper
 74 100
 45 94.6 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.212 ug/l

RT: 4.08 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampled :

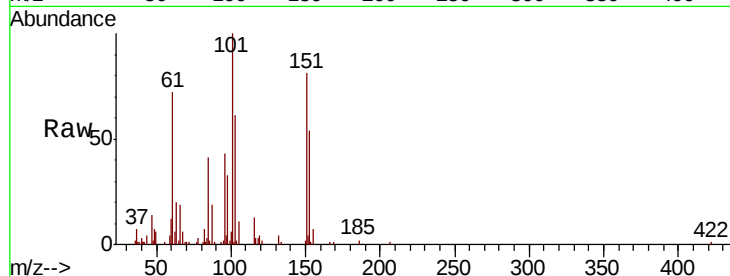
Tot Ion:101 Resp: 67079

Ion Ratio Lower Upper

101 100

85 46.1 37.5 56.3

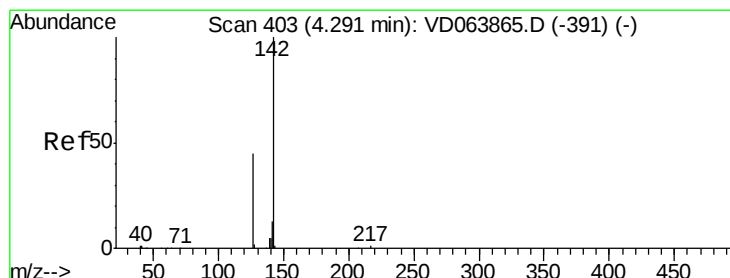
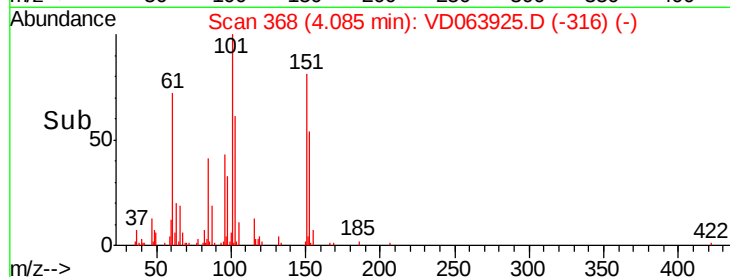
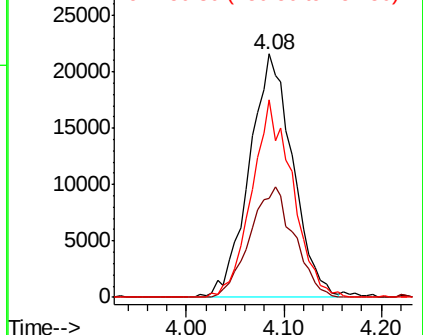
151 76.1 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.603 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

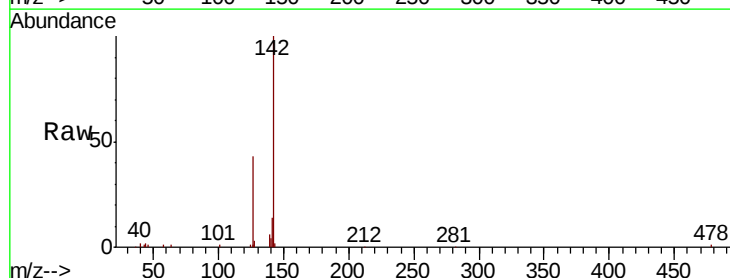
Tgt Ion:142 Resp: 91237

Ion Ratio Lower Upper

142 100

127 44.8 35.3 52.9

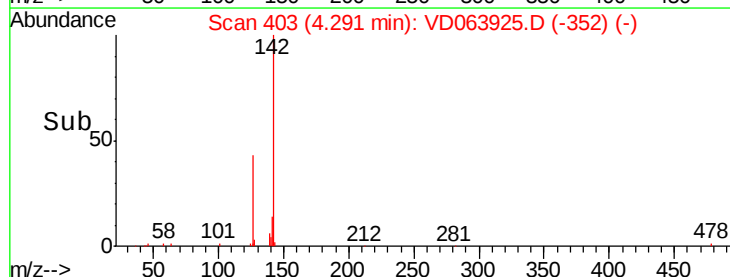
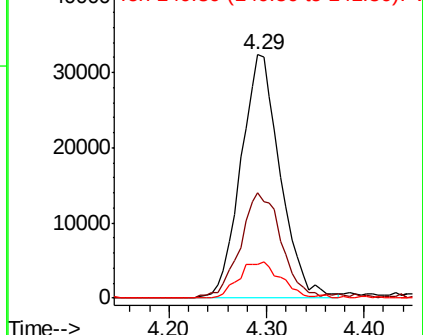
141 15.8 12.2 18.2

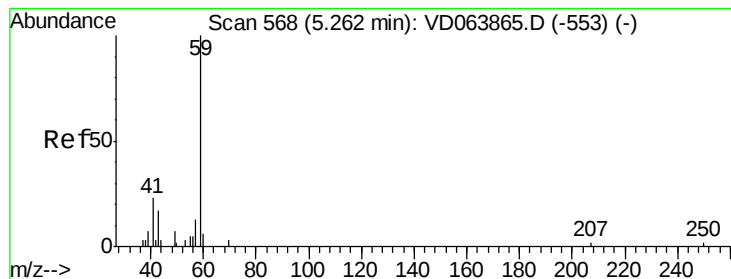


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



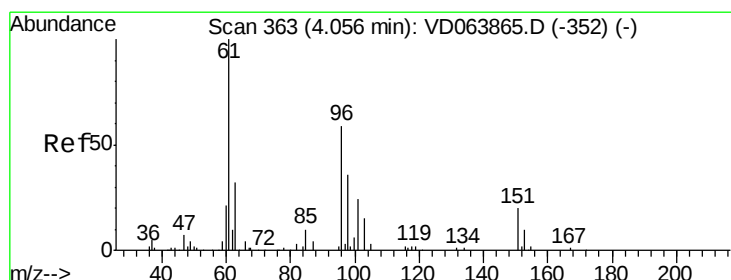
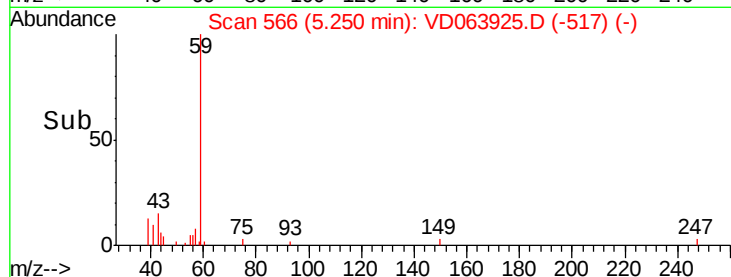
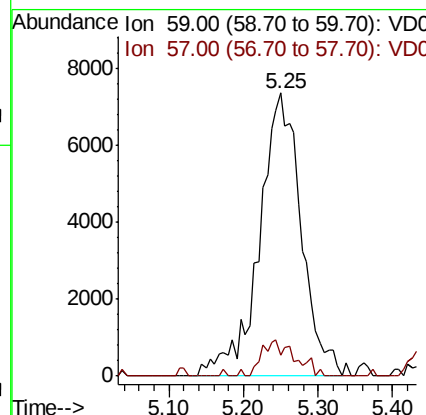
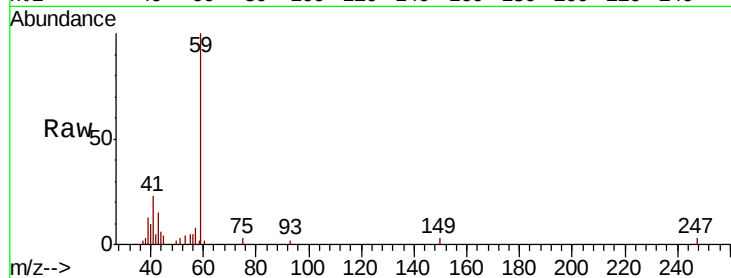


#11

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

Instrument :
 MSVOA_D
 ClientSampleId :

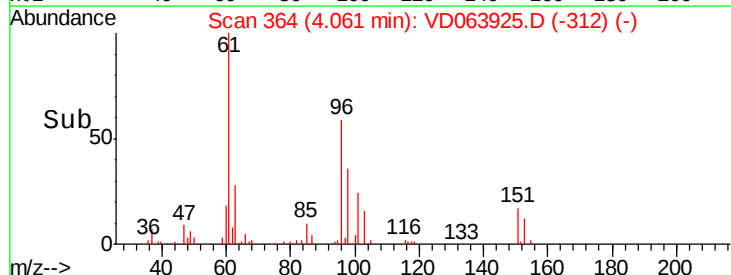
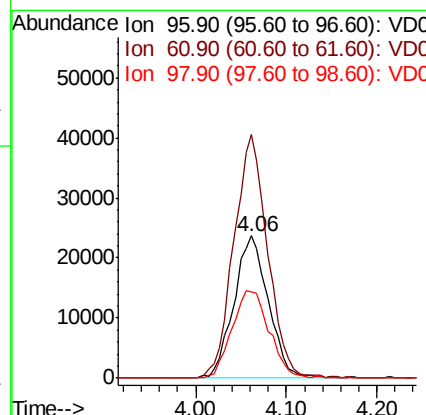
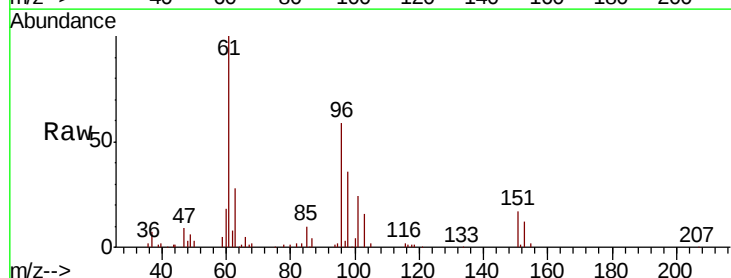
Tot Ion: 59 Resp: 28687
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.8 13.2

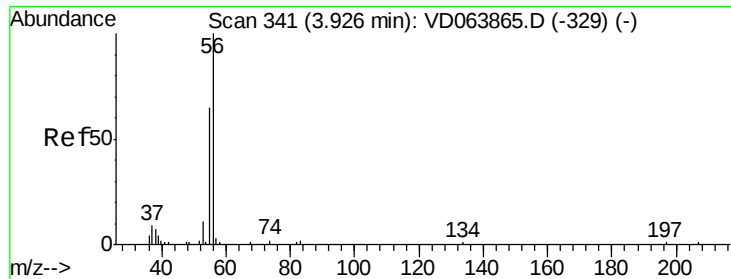


#12

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

Tgt Ion: 96 Resp: 62615
 Ion Ratio Lower Upper
 96 100
 61 170.9 135.6 203.4
 98 60.8 49.2 73.8

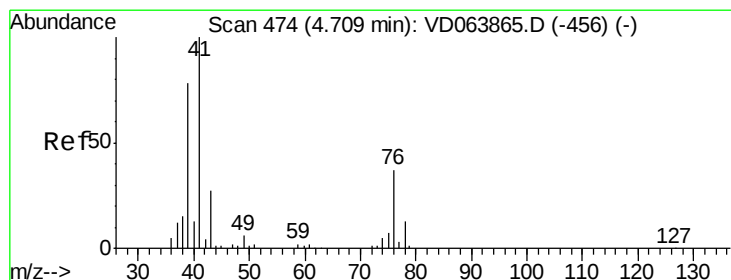
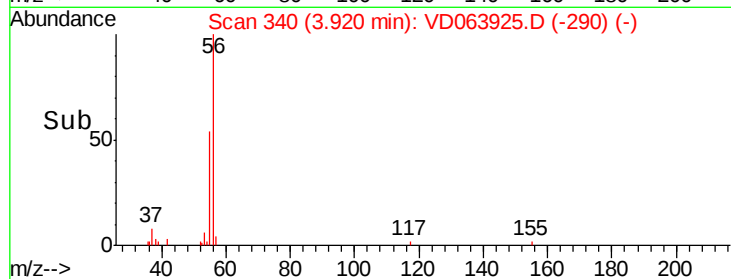
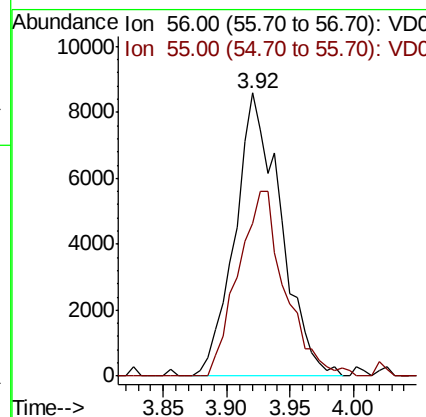
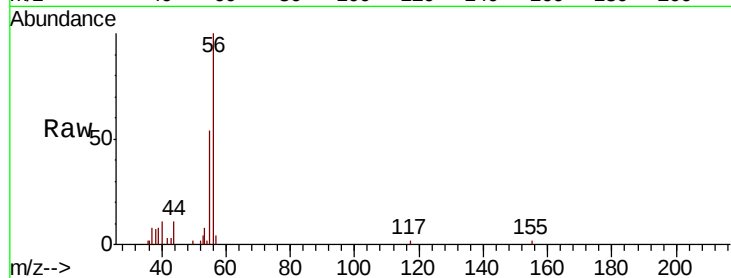




#13
Acrolein
Concen: 145.964 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

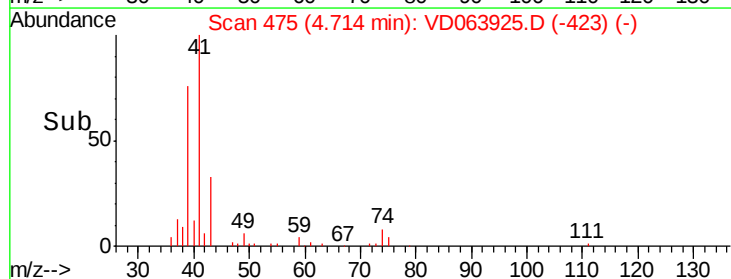
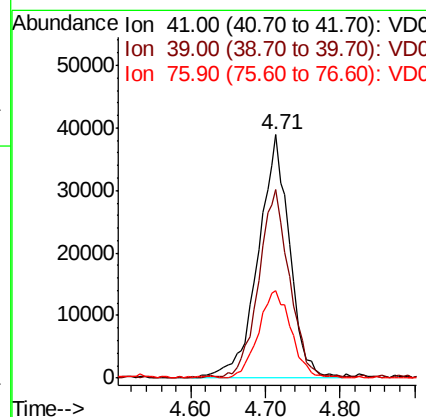
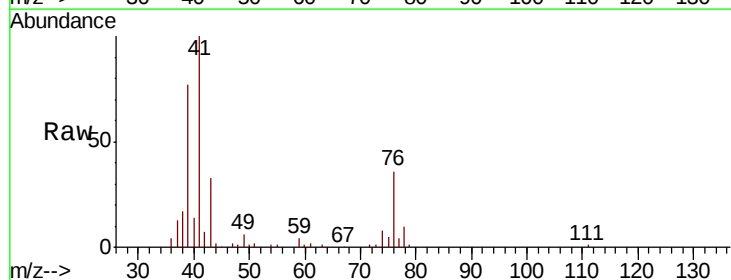
Instrument :
MSVOA_D
ClientSampleId :

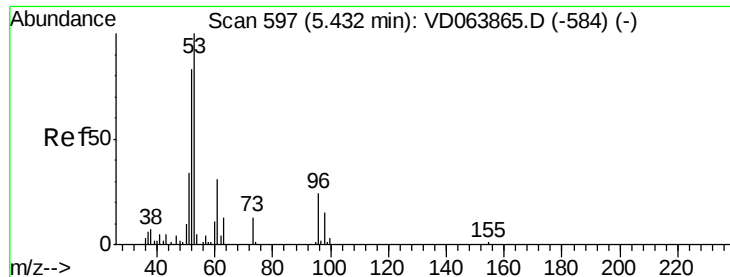
Tot Ion: 56 Resp: 21497
Ion Ratio Lower Upper
56 100
55 67.3 53.0 79.6



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

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





#15

Acrylonitrile

Concen: 265.155 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

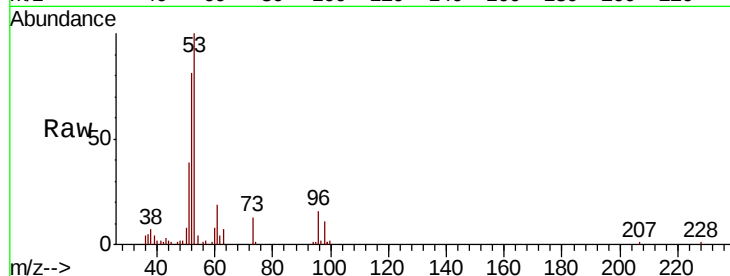
Tot Ion: 53 Resp: 96310

Ion Ratio Lower Upper

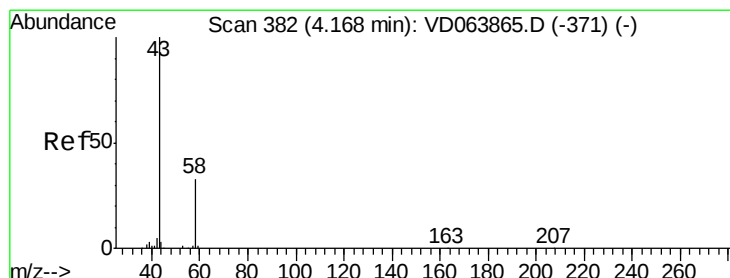
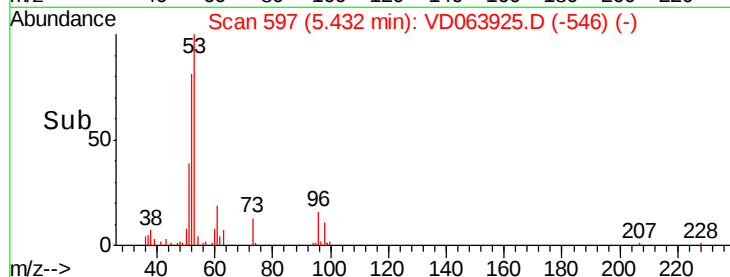
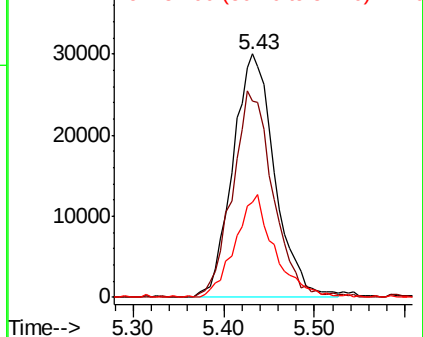
53 100

52 81.6 67.3 100.9

51 39.7 30.5 45.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 210.038 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063925.D

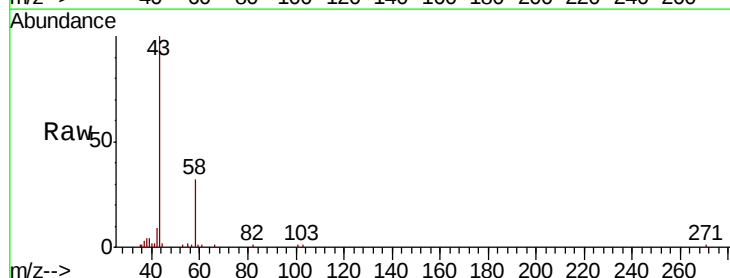
Acq: 10 Oct 2019 22:17

Tgt Ion: 43 Resp: 90173

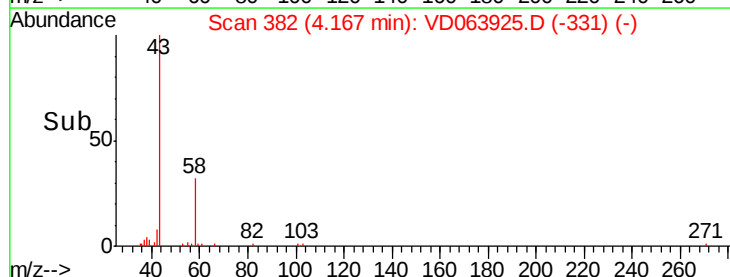
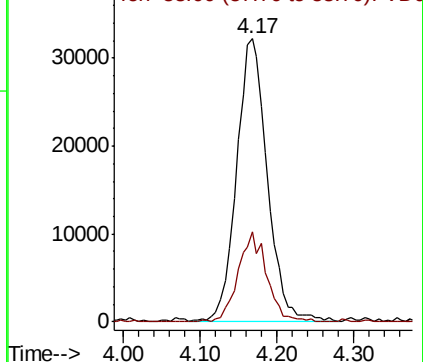
Ion Ratio Lower Upper

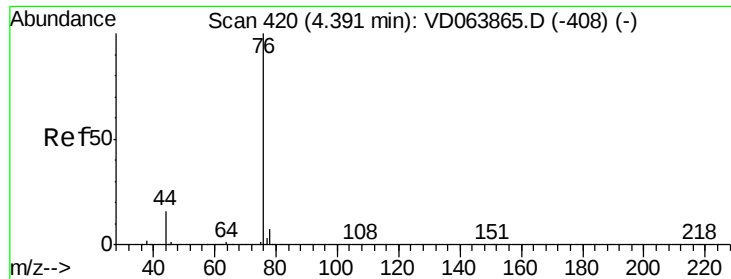
43 100

58 32.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

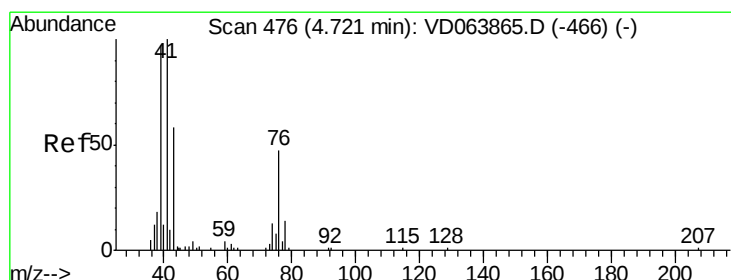
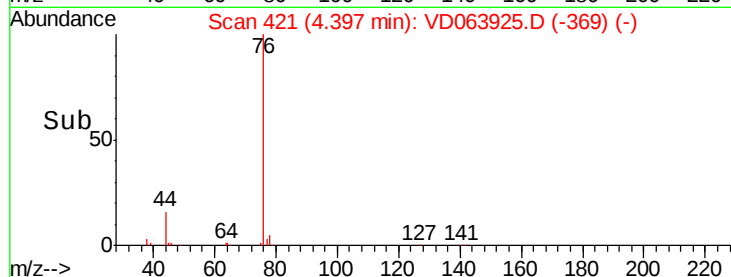
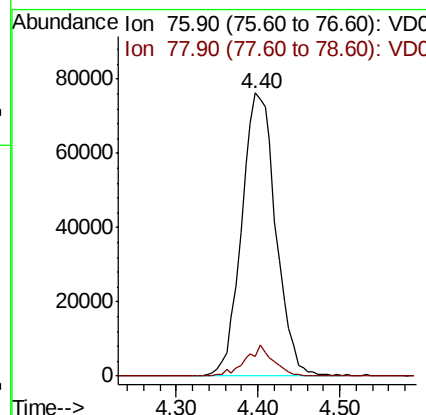
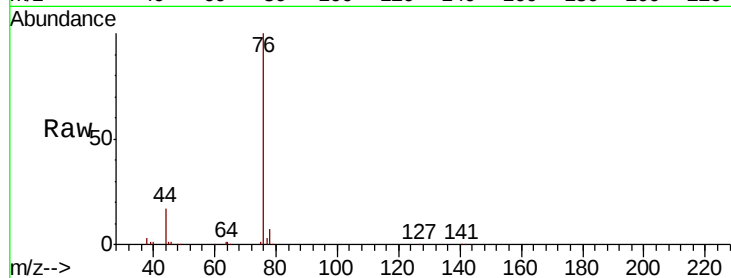




#17
Carbon Disulfide
Concen: 42.996 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

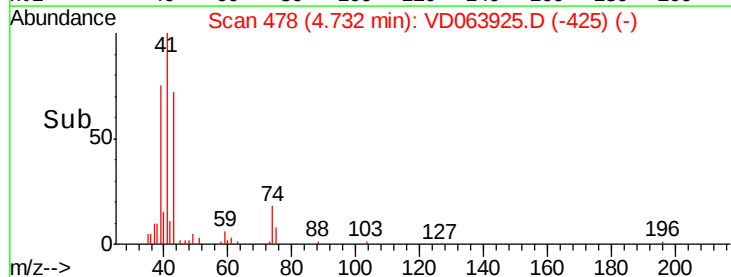
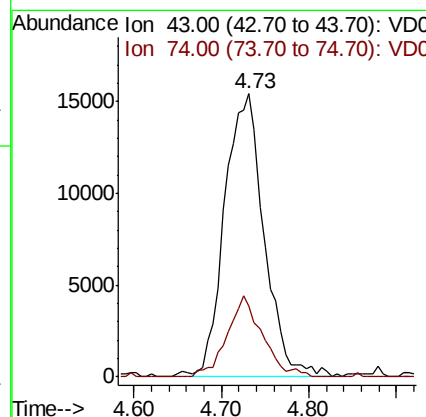
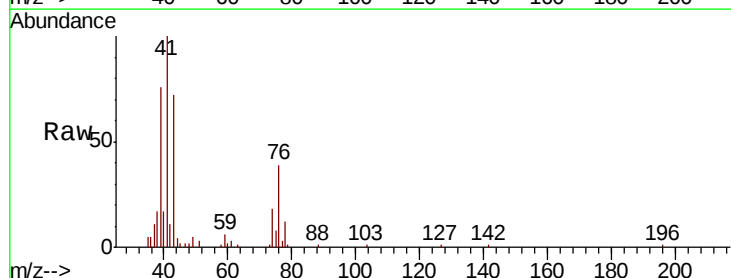
Instrument :
MSVOA_D
ClientSampleId :

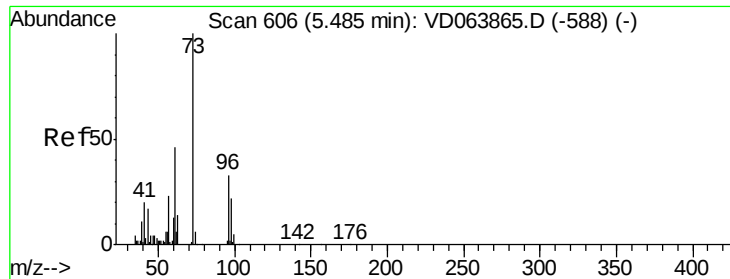
Tot Ion: 76 Resp: 221859
Ion Ratio Lower Upper
76 100
78 6.8 5.8 8.8



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

Tgt Ion: 43 Resp: 47569
Ion Ratio Lower Upper
43 100
74 25.8 20.8 31.2



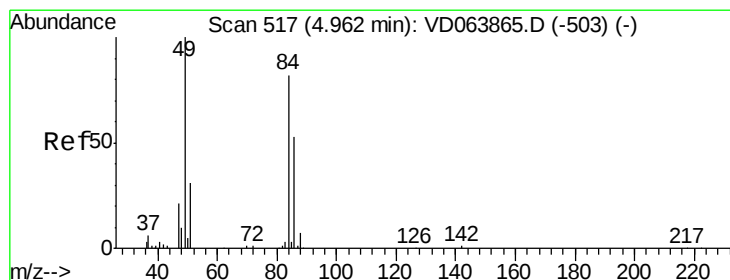
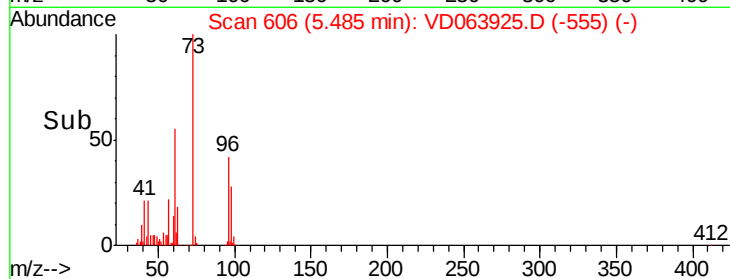
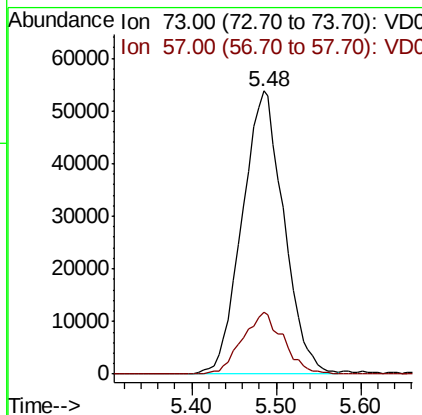
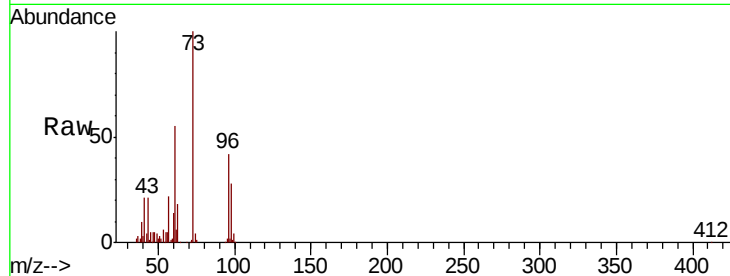


#19

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

Instrument :
 MSVOA_D
 ClientSampled :

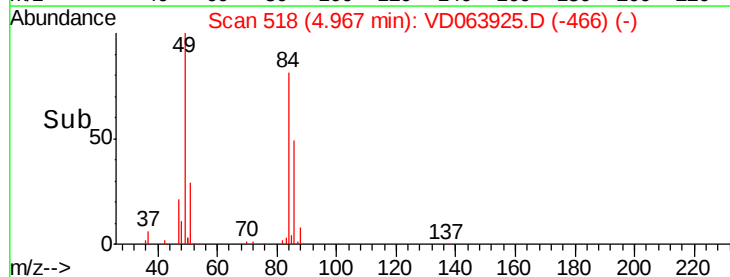
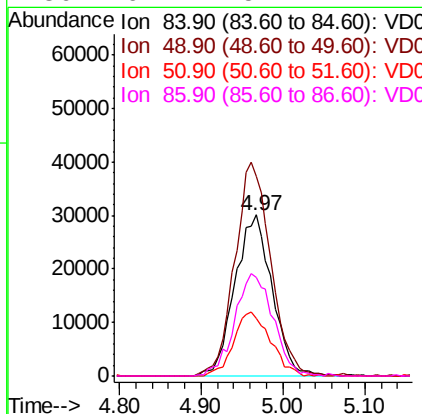
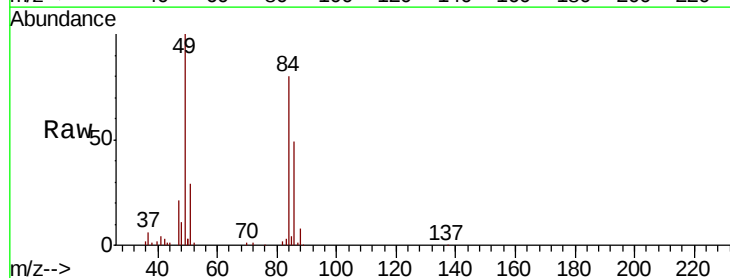
Tot Ion: 73 Resp: 184494
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.1 27.1

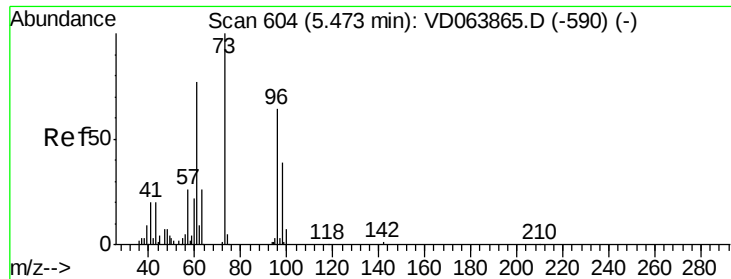


#20

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

Tgt Ion: 84 Resp: 95400
 Ion Ratio Lower Upper
 84 100
 49 124.3 97.3 145.9
 51 35.6 30.1 45.1
 86 61.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.849 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

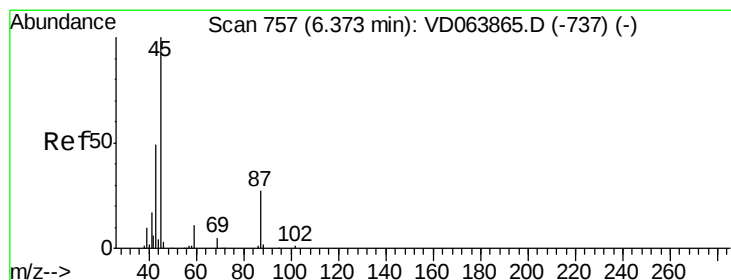
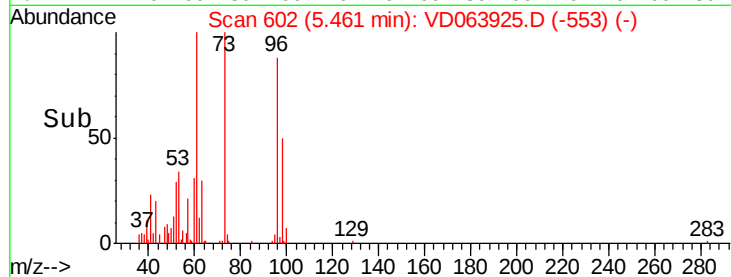
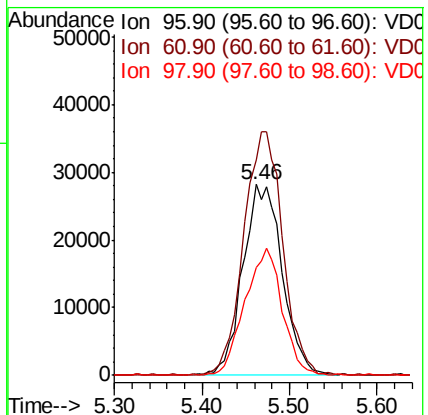
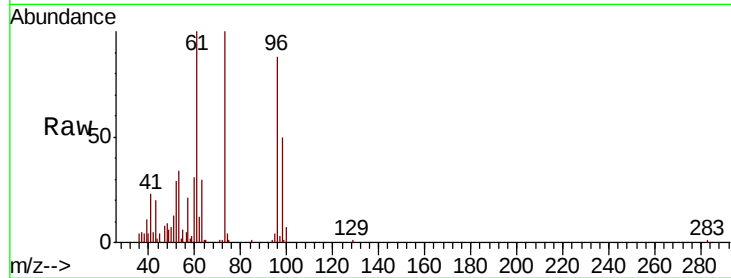
Tot Ion: 96 Resp: 86321

Ion Ratio Lower Upper

96 100

61 113.0 96.6 145.0

98 56.4 48.7 73.1



#22

Diisopropyl ether

Concen: 52.535 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion: 45 Resp: 253211

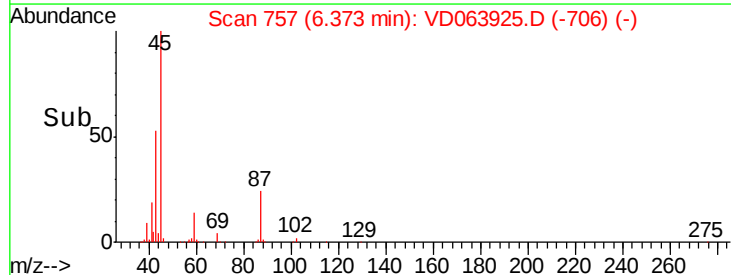
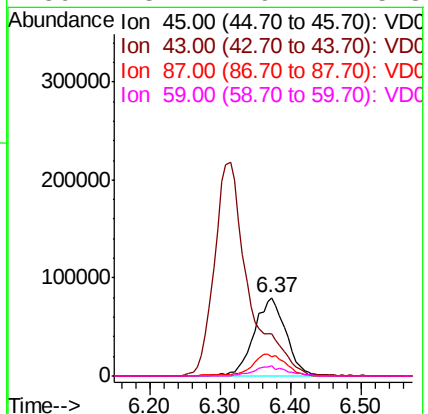
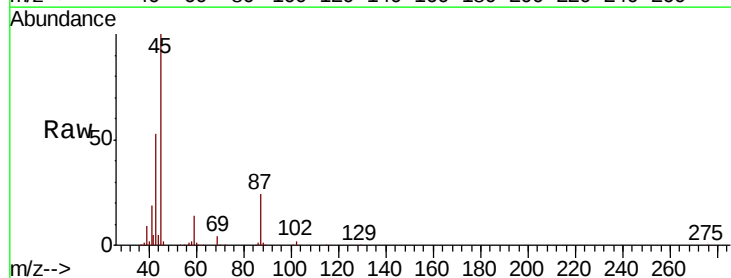
Ion Ratio Lower Upper

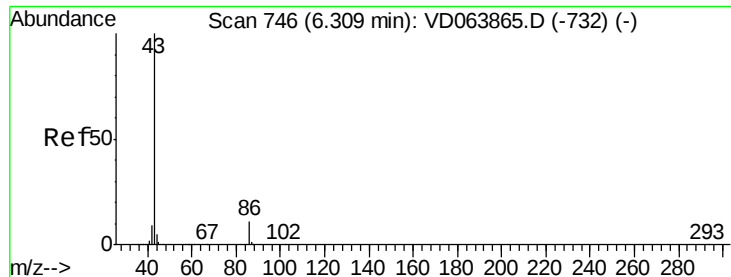
45 100

43 52.6 41.2 61.8

87 23.8 22.2 33.4

59 13.2 9.2 13.8





#23

Vinyl Acetate

Concen: 255.912 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

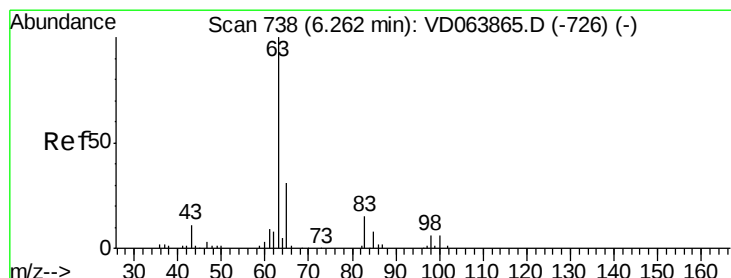
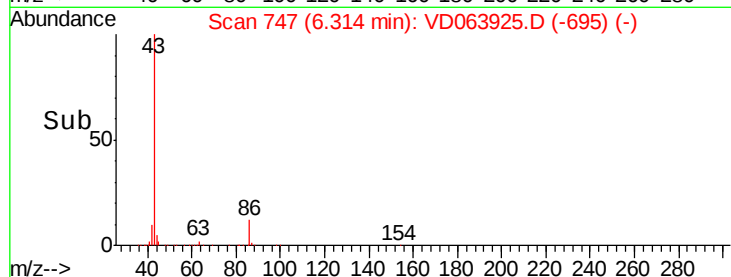
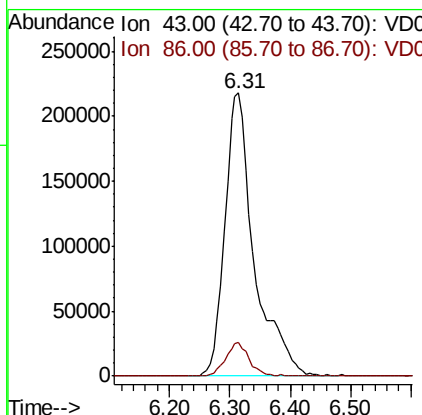
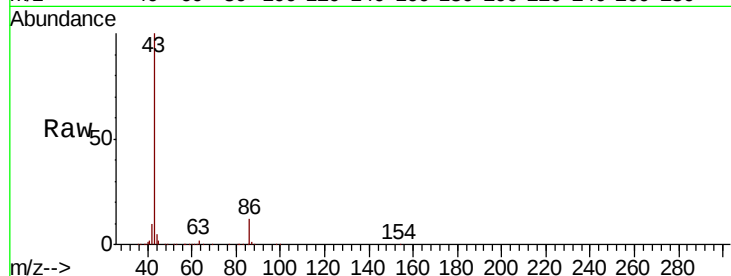
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 733766

Ion Ratio Lower Upper

43 100

86 11.8 8.8 13.2



#24

1,1-Dichloroethane

Concen: 51.088 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

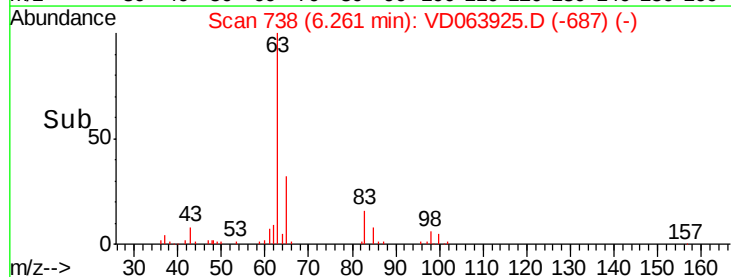
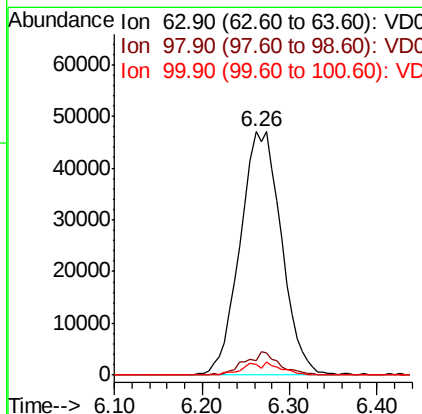
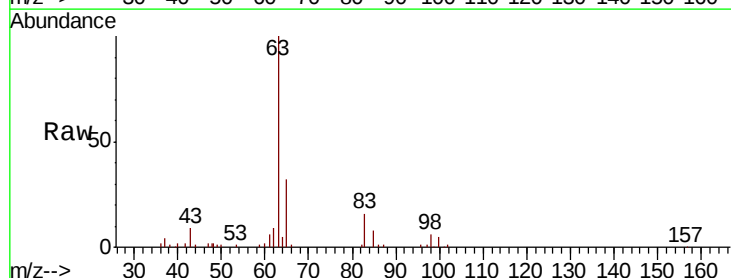
Tgt Ion: 63 Resp: 151671

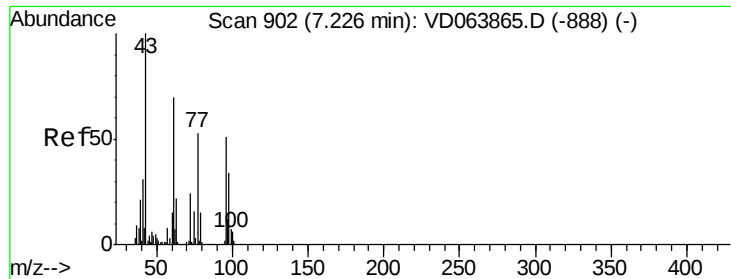
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.6 3.0 9.2





#25

2-Butanone

Concen: 236.832 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

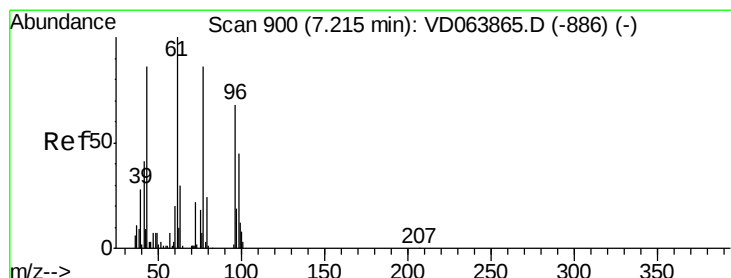
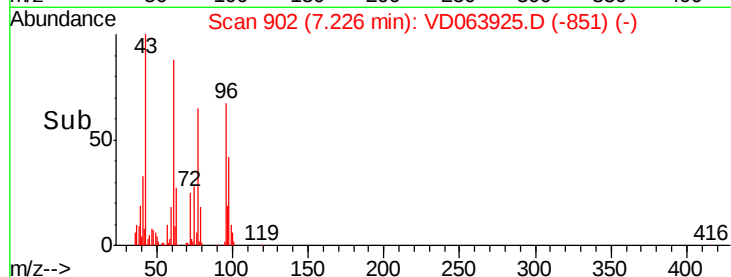
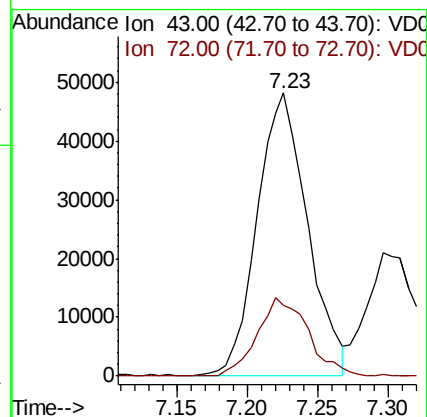
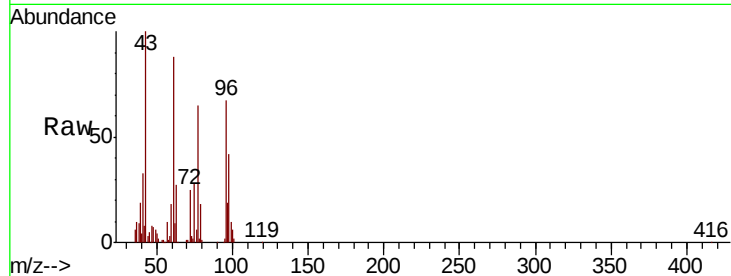
ClientSampleId :

Tot Ion: 43 Resp: 120497

Ion Ratio Lower Upper

43 100

72 25.2 19.2 28.8



#26

2,2-Dichloropropane

Concen: 44.606 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD063925.D

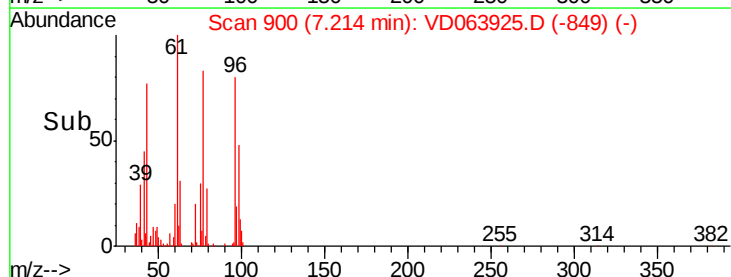
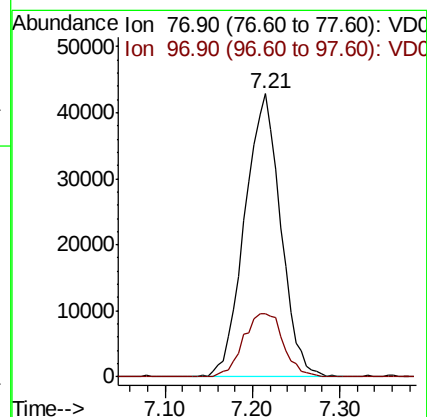
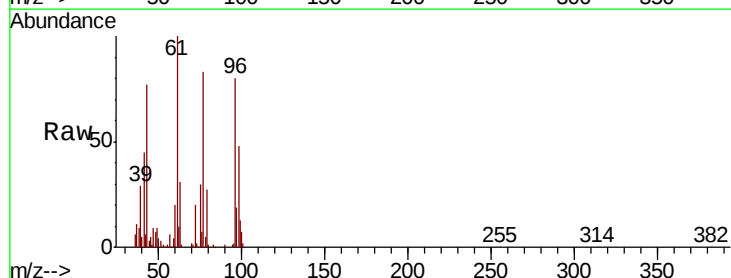
Acq: 10 Oct 2019 22:17

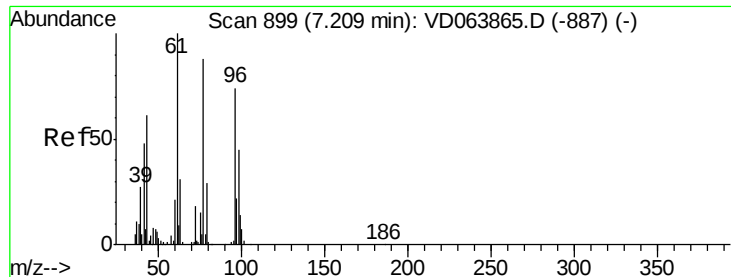
Tgt Ion: 77 Resp: 119794

Ion Ratio Lower Upper

77 100

97 24.9 11.4 34.1



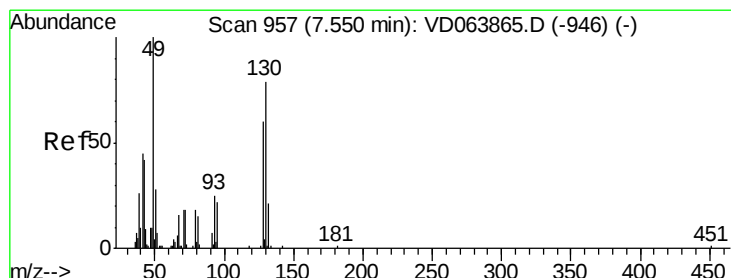
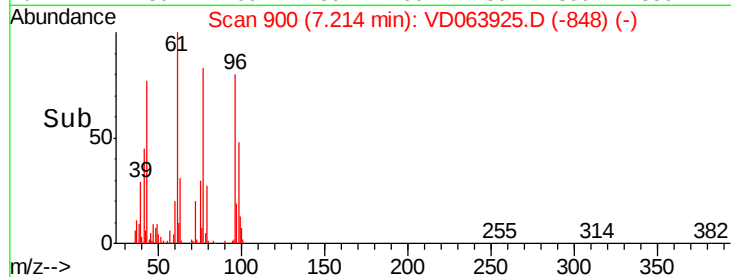
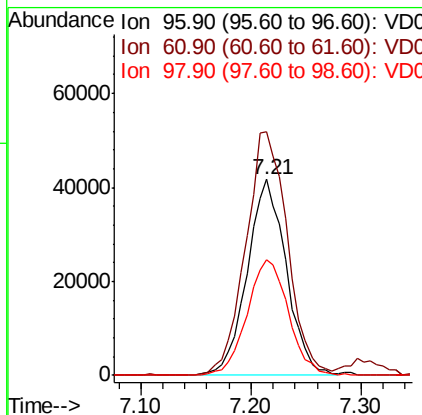
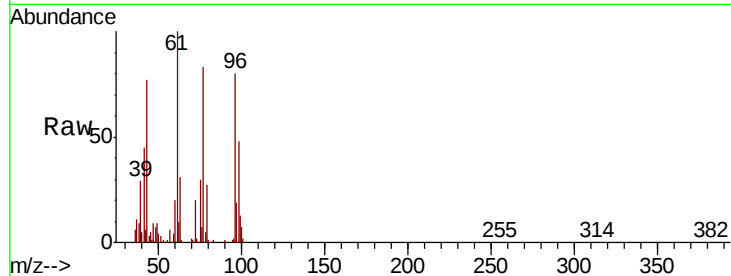


#27

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

Instrument :
 MSVOA_D
 ClientSampleId :

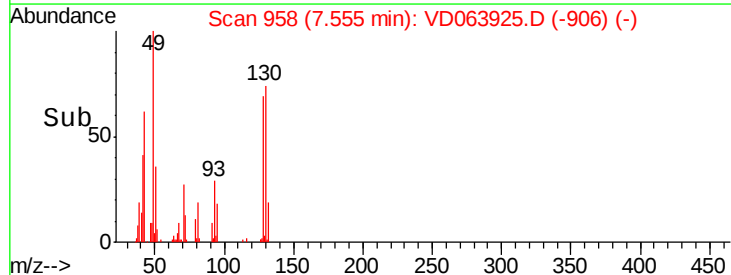
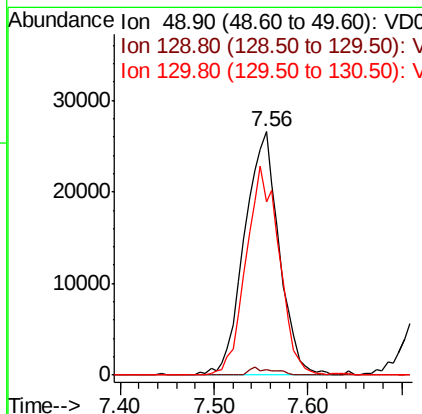
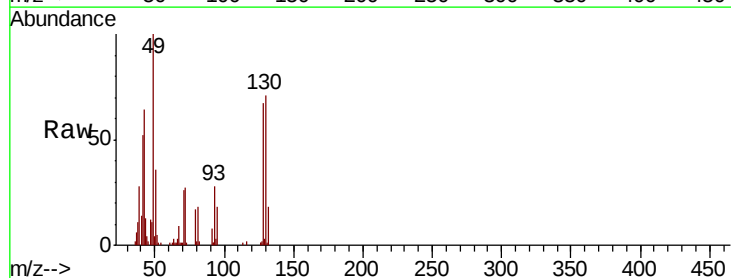
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	280.0
98	62.2	0.0	130.4

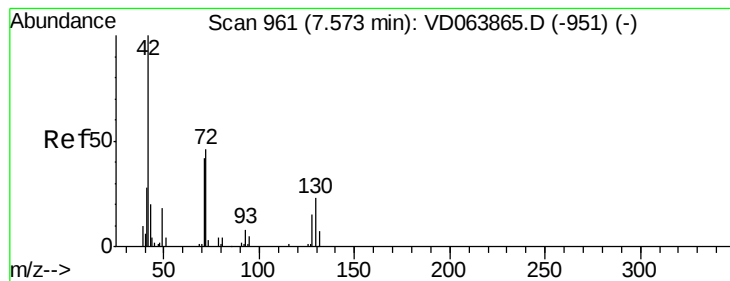


#28

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

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





#29

Tetrahydrofuran

Concen: 266.505 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

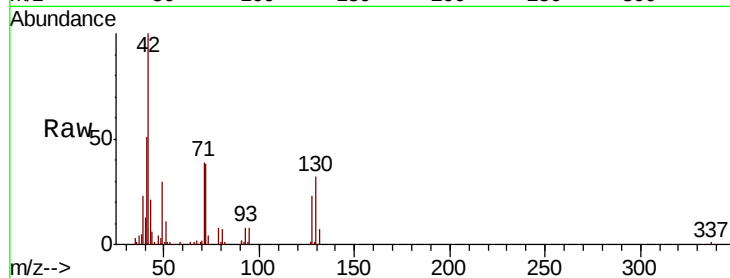
Tot Ion: 42 Resp: 79144

Ion Ratio Lower Upper

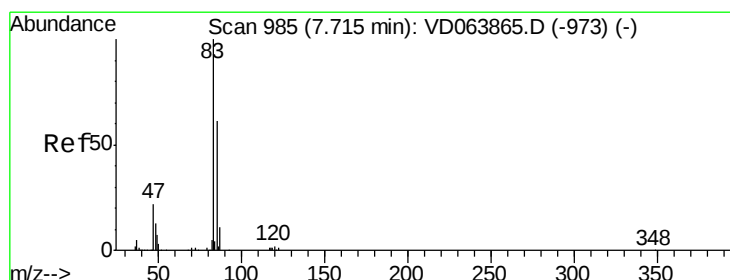
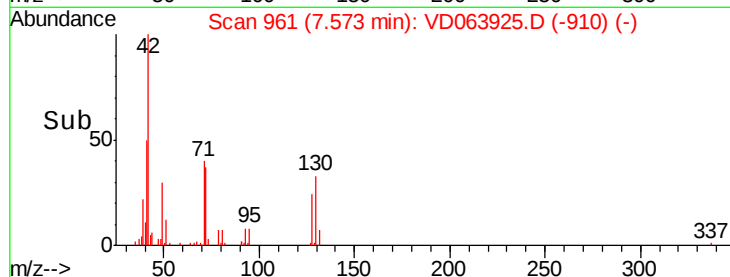
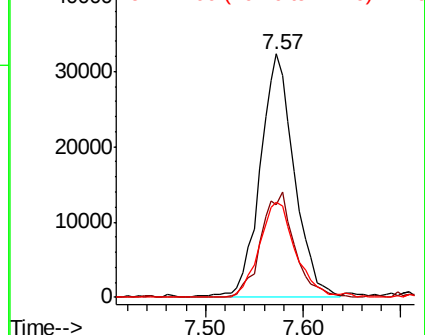
42 100

72 42.4 37.6 56.4

71 41.4 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 50.404 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD063925.D

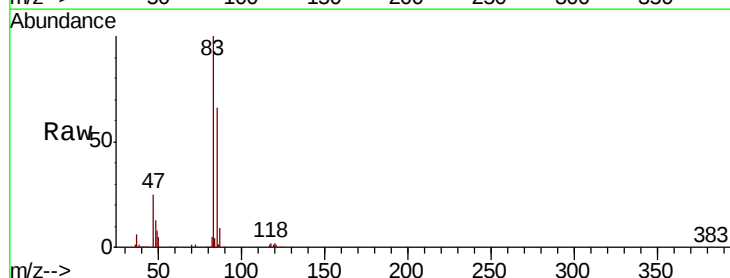
Acq: 10 Oct 2019 22:17

Tgt Ion: 83 Resp: 162529

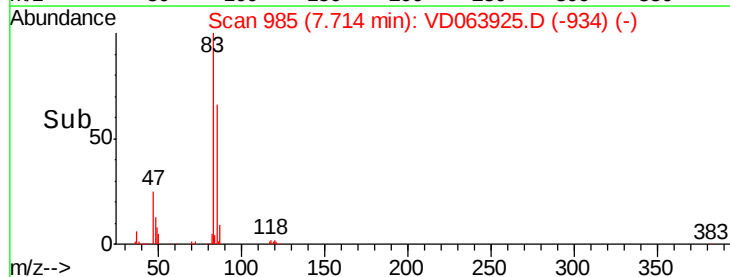
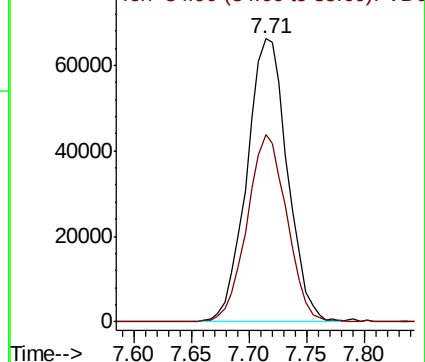
Ion Ratio Lower Upper

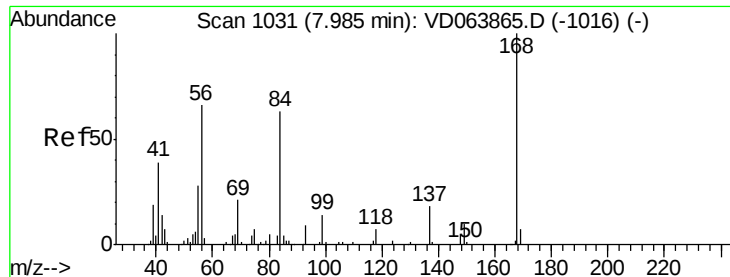
83 100

85 65.9 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

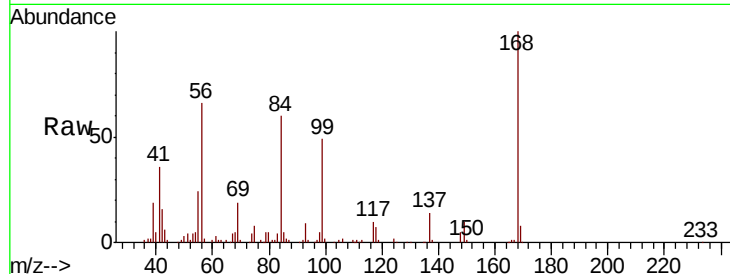




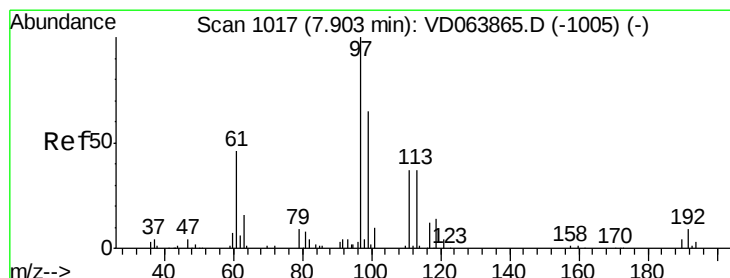
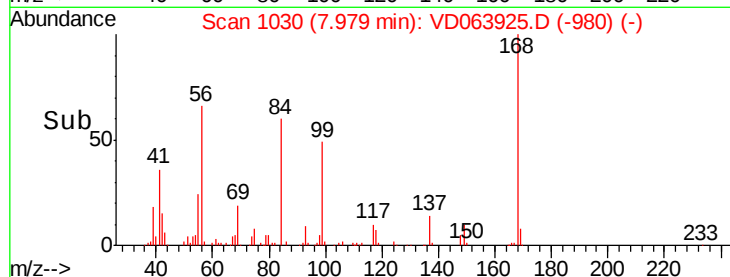
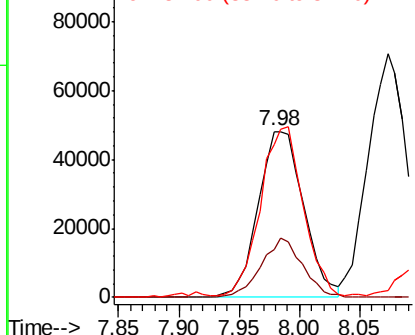
#31
Cyclohexane
Concen: 51.307 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 125680
Ion Ratio Lower Upper
56 100
69 27.8 25.0 37.4
84 90.3 76.3 114.5

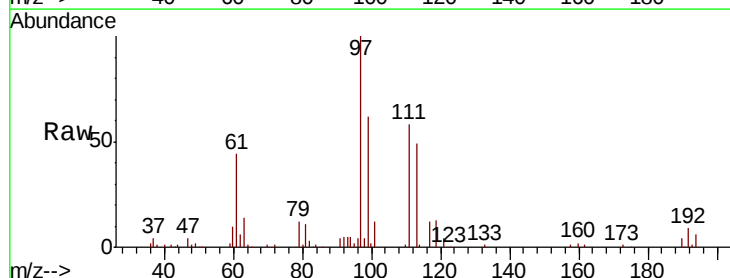


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

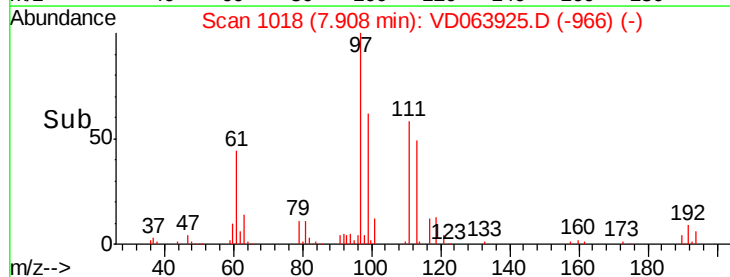
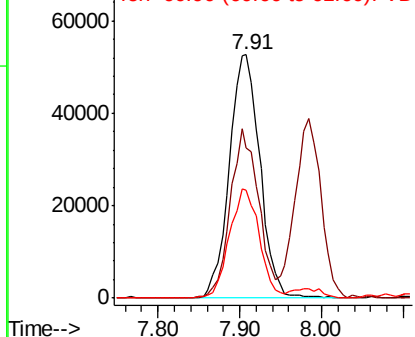


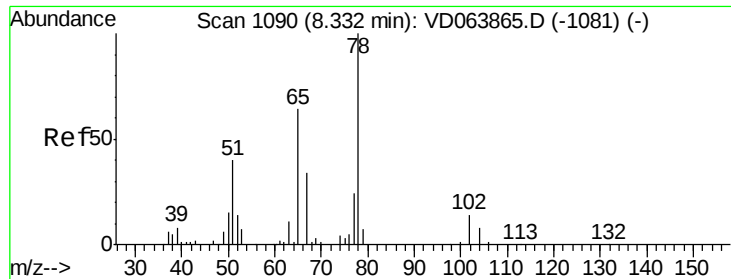
#32
1,1,1-Trichloroethane
Concen: 49.520 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 97 Resp: 136973
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 43.8 33.8 50.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

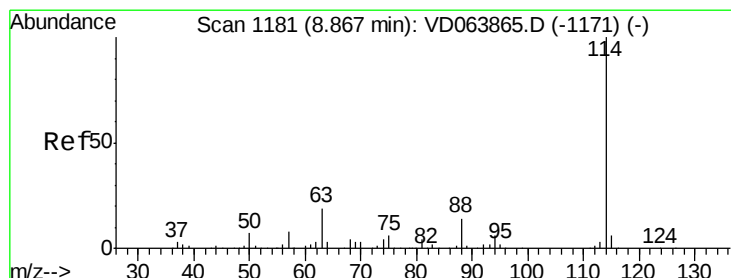
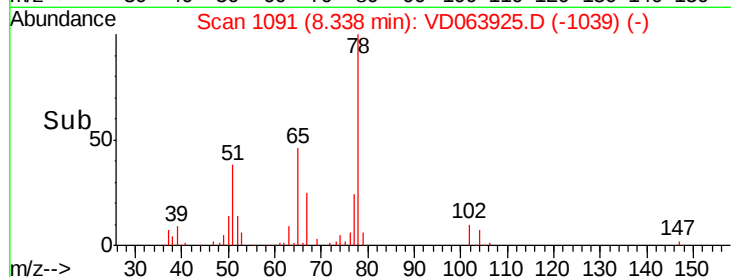
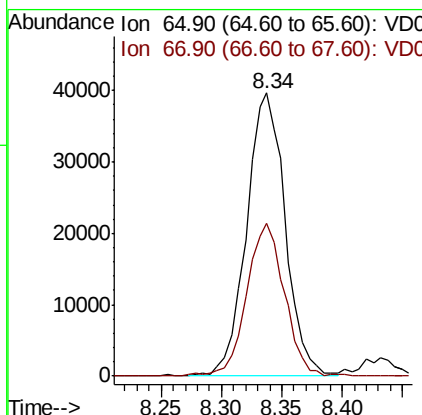
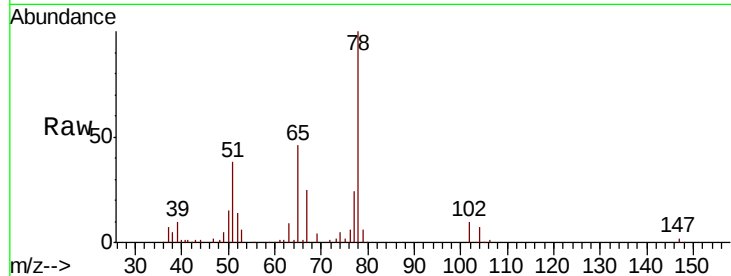




#33
 1,2-Dichloroethane-d4
 Concen: 53.534 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

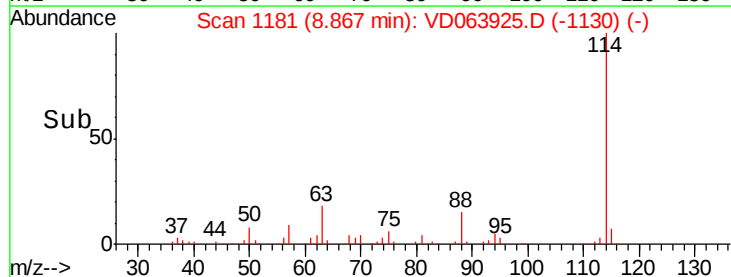
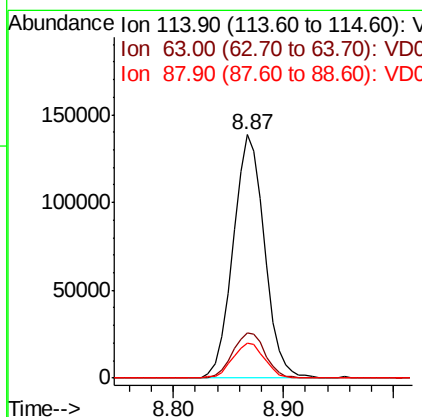
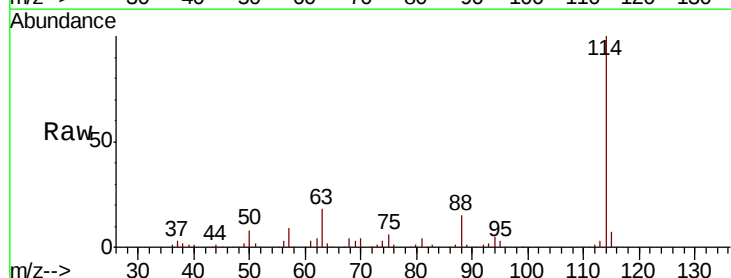
Instrument :
 MSVOA_D
 ClientSampleId :

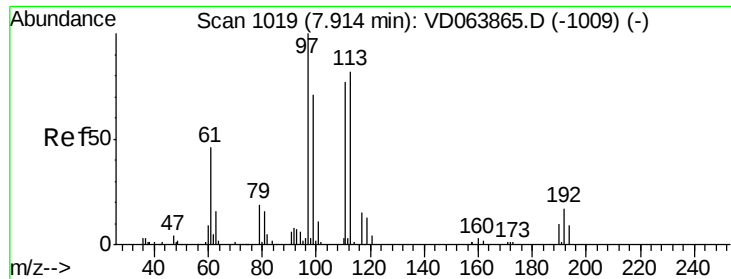
Tot Ion: 65 Resp: 88276
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 114 Resp: 277365
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 14.5 0.0 27.4

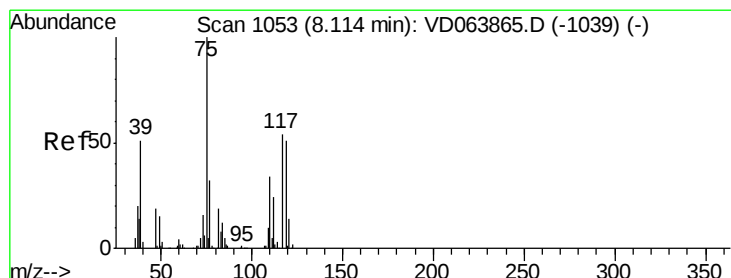
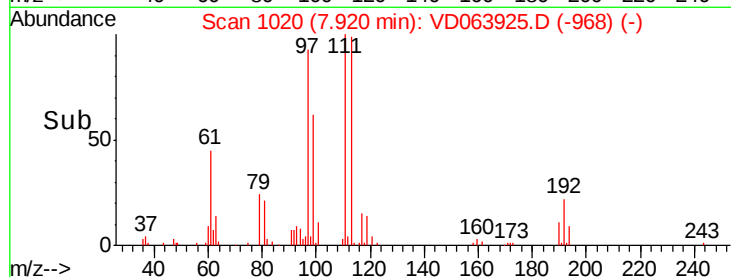
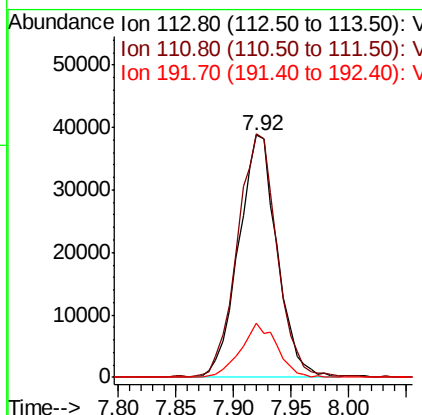
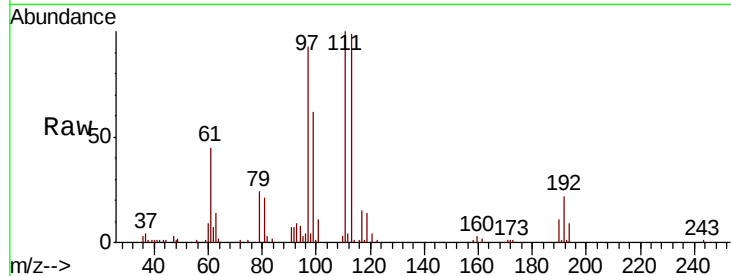




#35
Dibromofluoromethane
Concen: 52.905 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

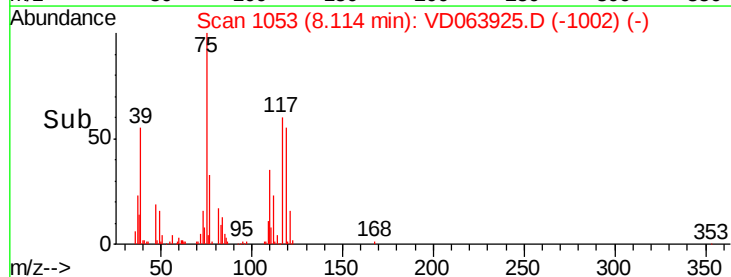
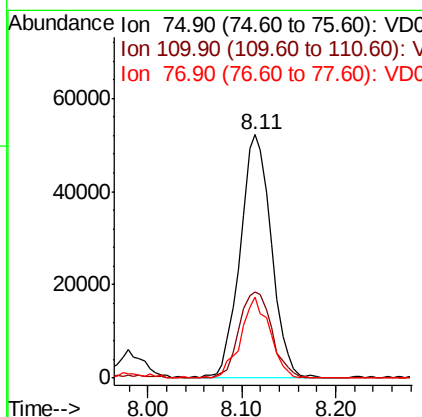
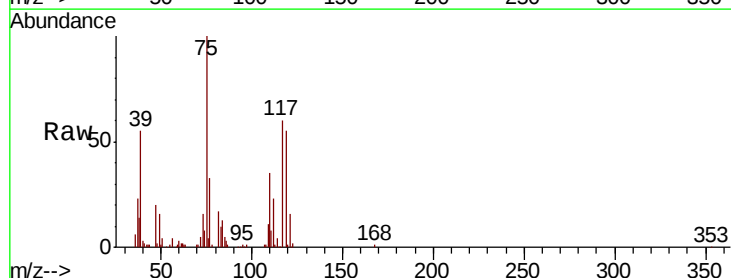
Instrument :
MSVOA_D
ClientSampleId :

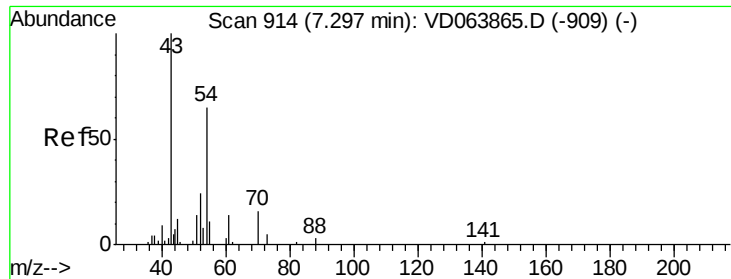
Tot Ion:113 Resp: 89677
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 21.1 17.1 25.7



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

Tgt Ion: 75 Resp: 120383
Ion Ratio Lower Upper
75 100
110 37.1 17.4 52.3
77 31.2 25.4 38.0

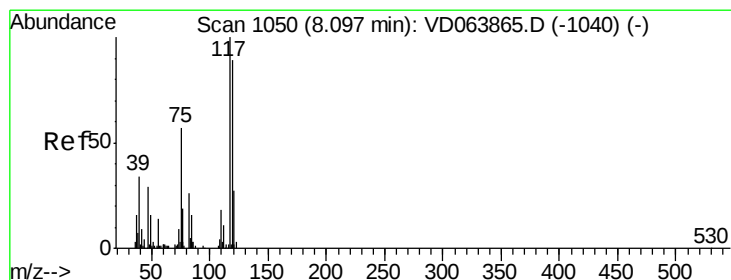
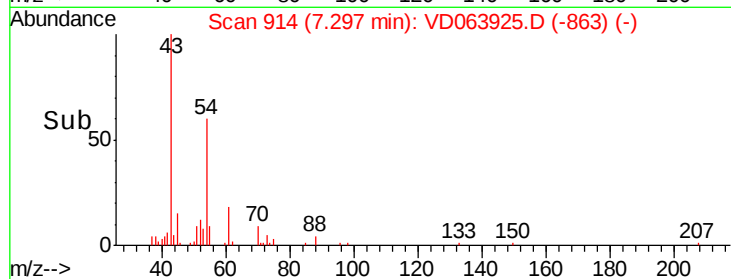
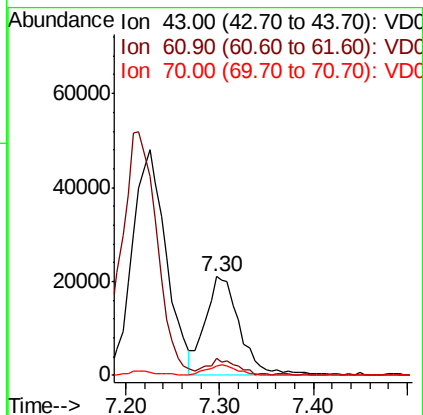
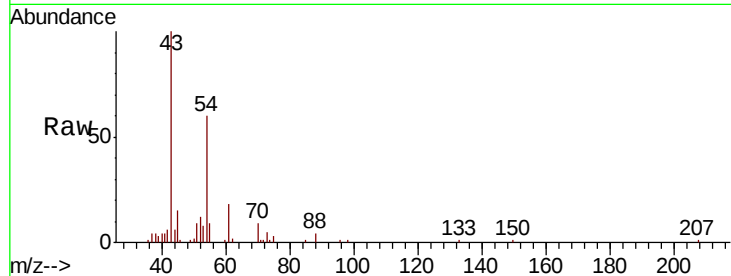




#37
Ethyl Acetate
Concen: 53.815 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

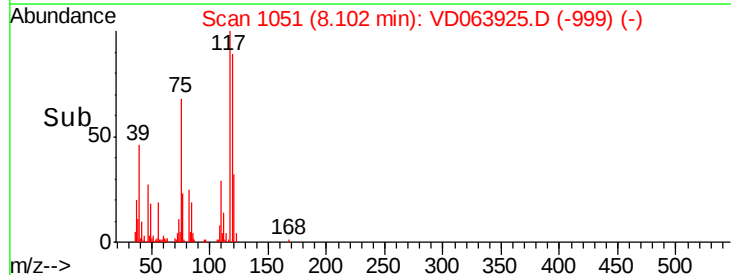
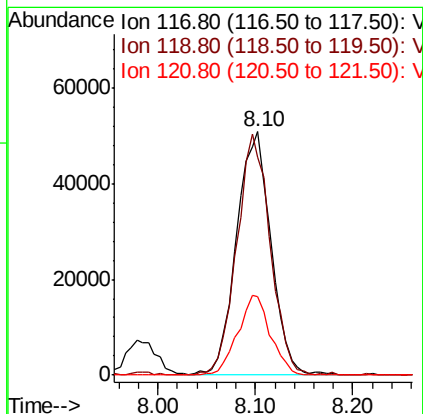
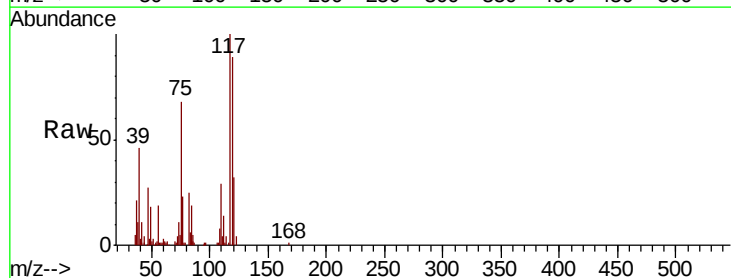
Instrument :
MSVOA_D
ClientSampleId :

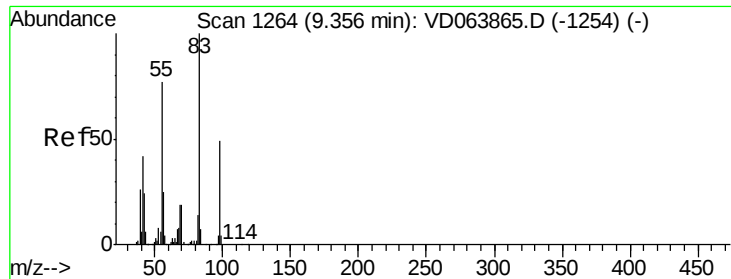
Tot Ion: 43 Resp: 54415
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.6 8.2 12.4



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

Tgt Ion: 117 Resp: 124902
Ion Ratio Lower Upper
117 100
119 89.4 70.8 106.2
121 32.2 21.4 32.0#

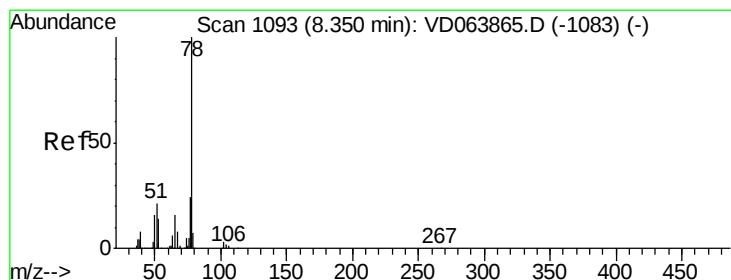
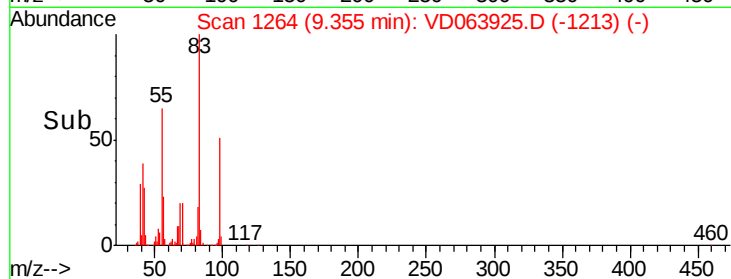
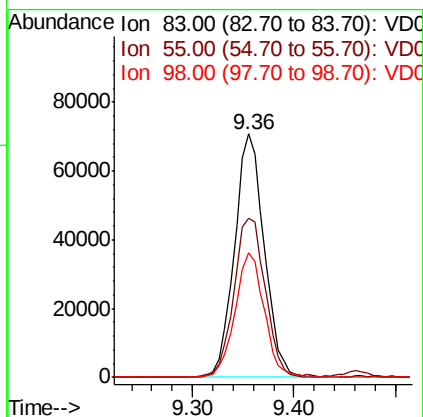
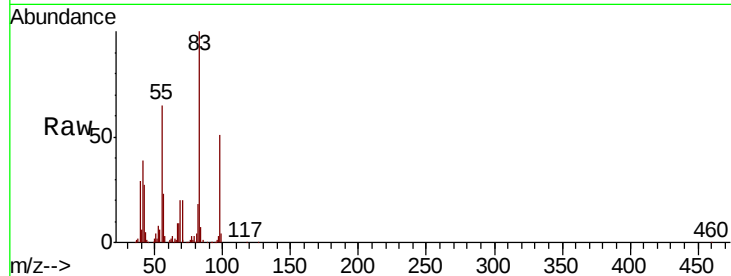




#39
Methvlcvclohexane
Concen: 46.235 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

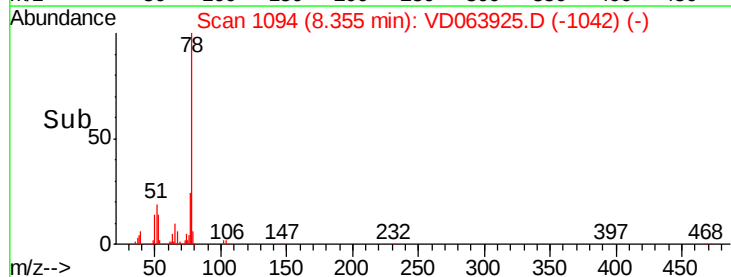
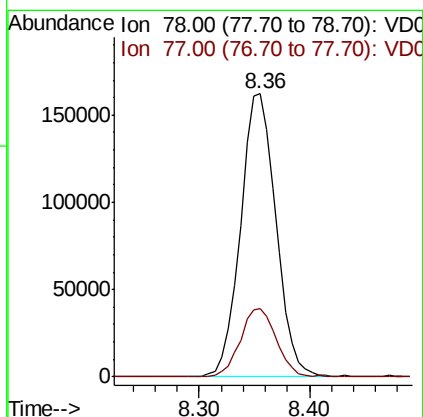
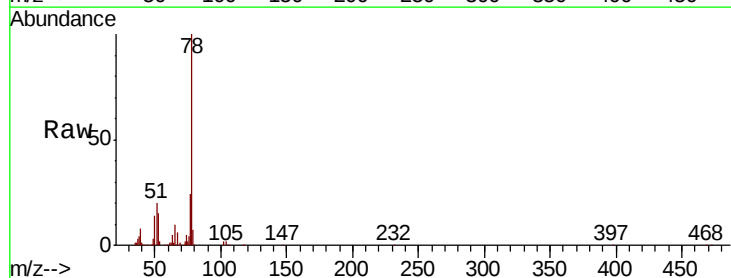
Instrument :
MSVOA_D
ClientSampleId :

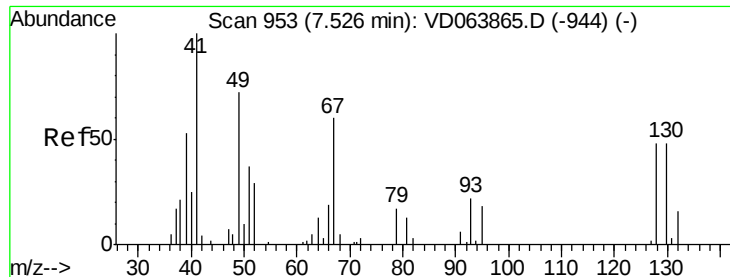
Tot Ion: 83 Resp: 144169
Ion Ratio Lower Upper
83 100
55 65.3 61.3 91.9
98 51.0 39.3 58.9



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

Tgt Ion: 78 Resp: 365328
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

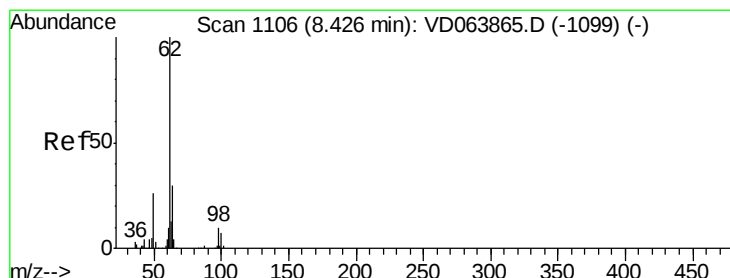
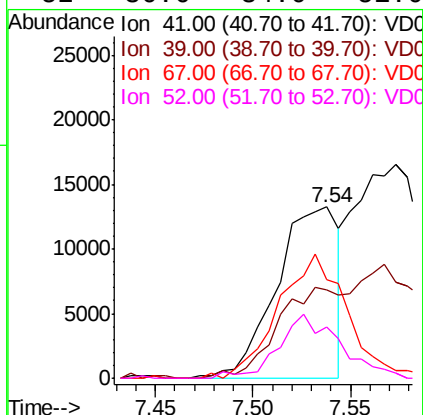
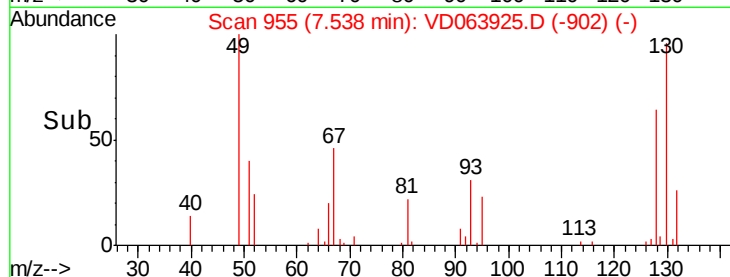
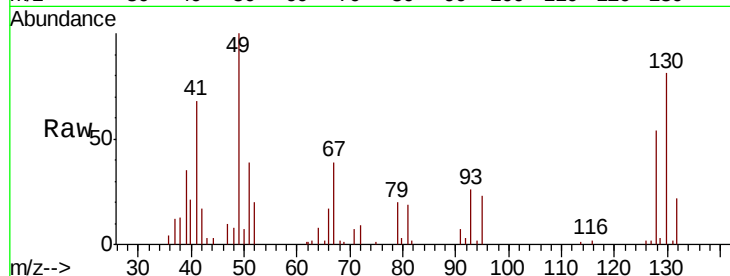




#41
Methacrylonitrile
Concen: 49.794 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

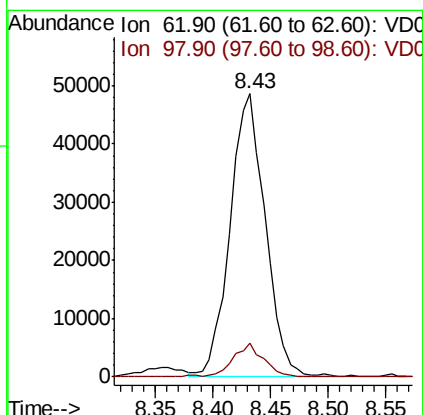
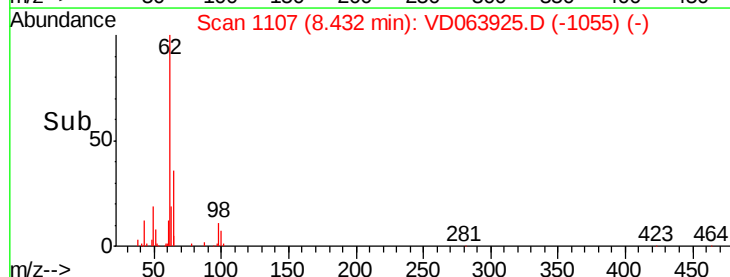
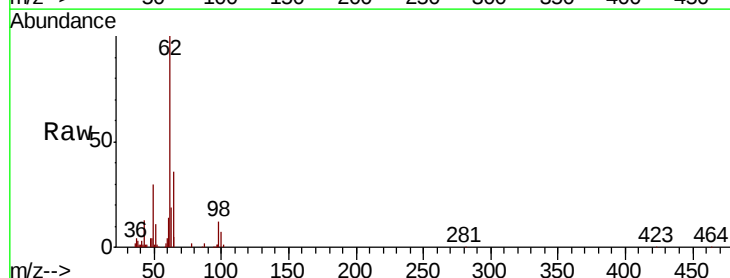
Instrument :
MSVOA_D
ClientSampleId :

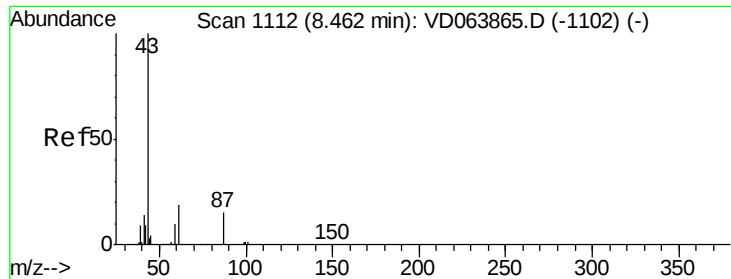
Tot Ion: 41 Resp: 29277
Ion Ratio Lower Upper
41 100
39 52.5 52.6 78.8#
67 80.5 74.2 111.2
52 36.6 34.0 51.0



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

Tgt Ion: 62 Resp: 103225
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.0





#43

Isopropyl Acetate

Concen: 47.819 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

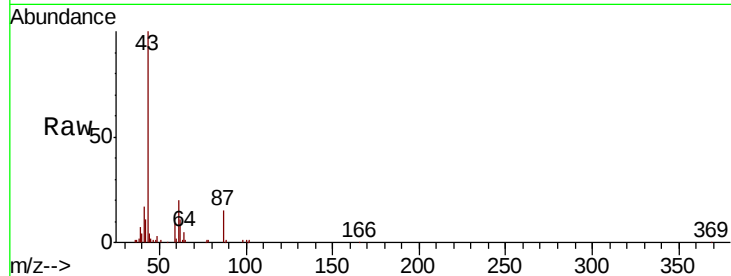
Tot Ion: 43 Resp: 101701

Ion Ratio Lower Upper

43 100

61 31.1 25.7 38.5

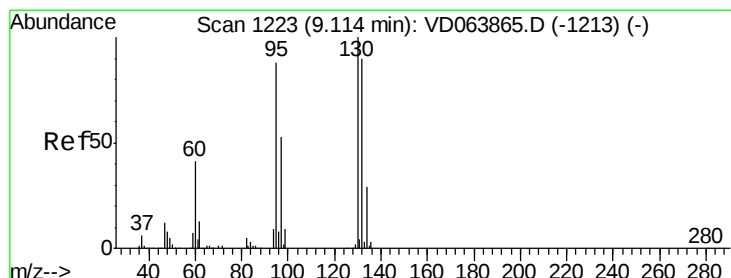
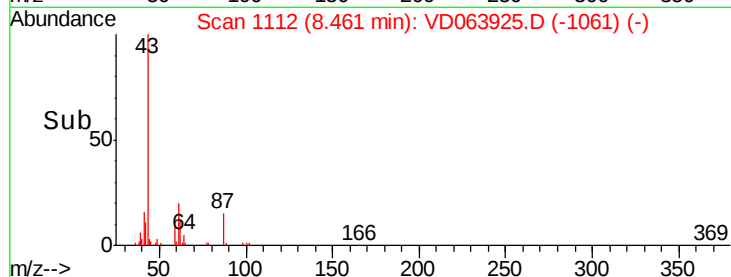
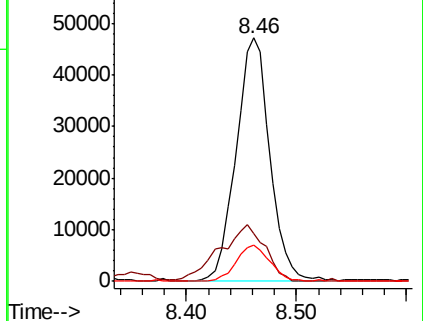
87 14.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.387 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD063925.D

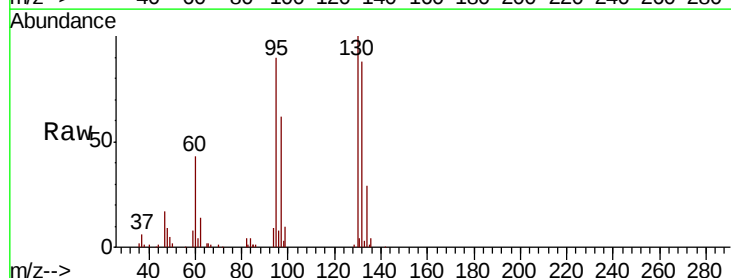
Acq: 10 Oct 2019 22:17

Tgt Ion: 130 Resp: 101402

Ion Ratio Lower Upper

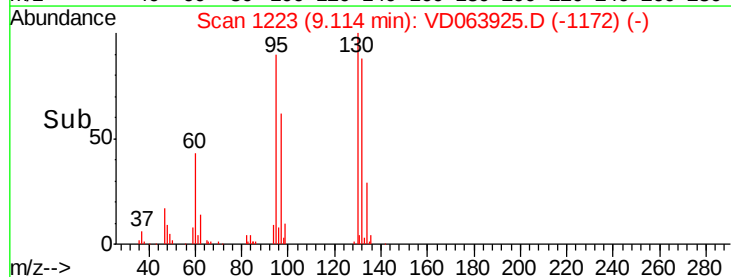
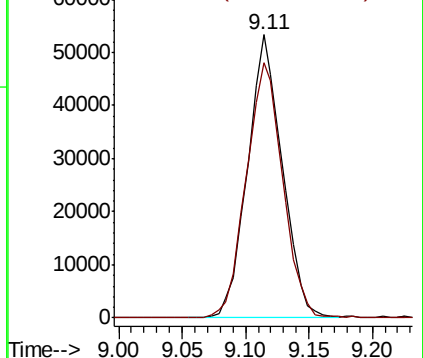
130 100

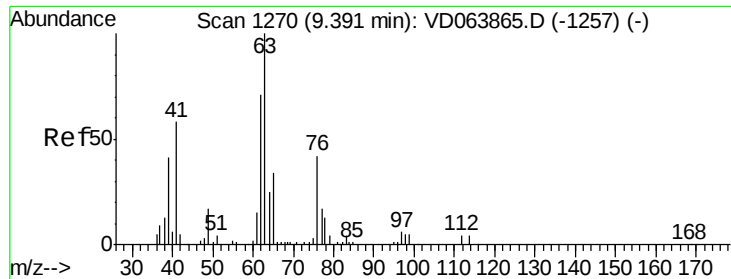
95 90.2 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

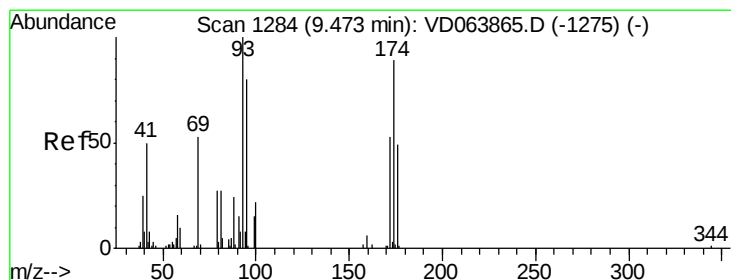
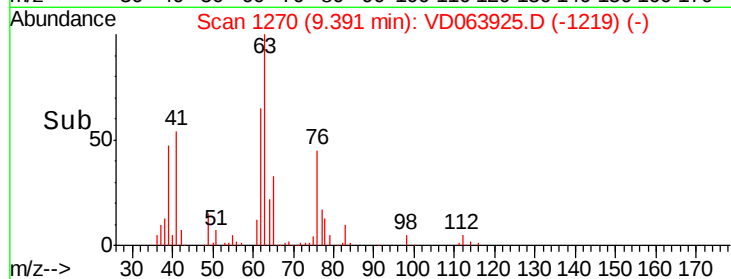
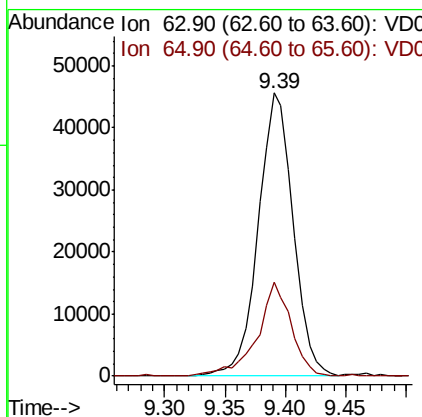
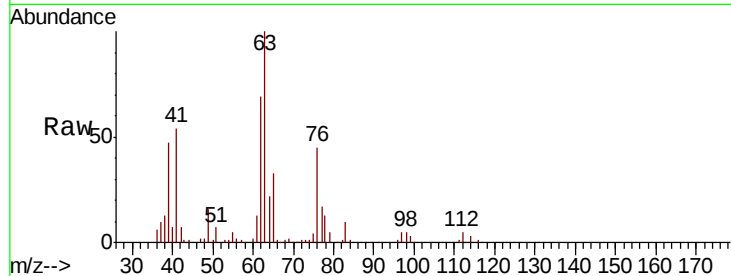




#45
 1,2-Dichloropropane
 Concen: 51.666 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

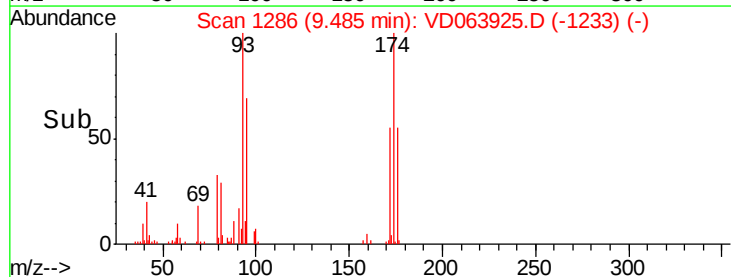
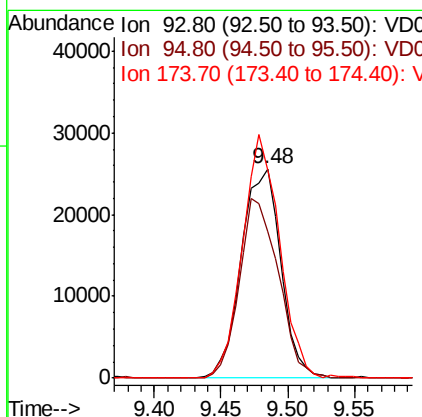
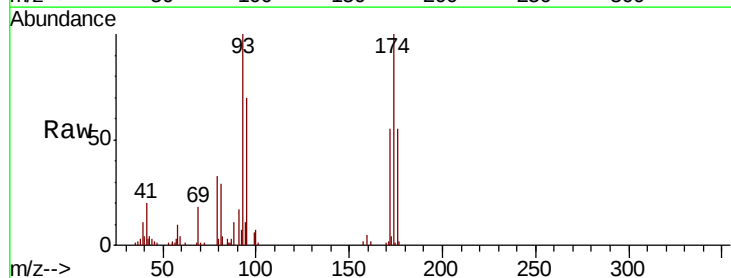
Instrument :
 MSVOA_D
 ClientSampled :

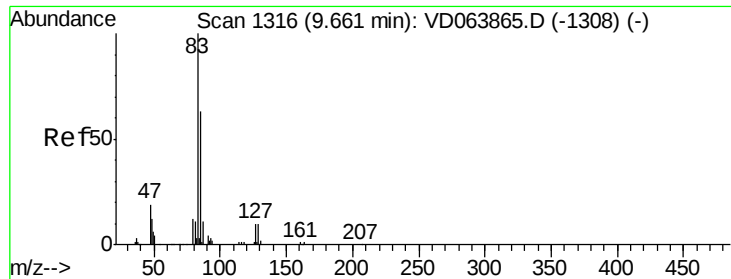
Tot Ion: 63 Resp: 91904
 Ion Ratio Lower Upper
 63 100
 65 33.4 27.3 40.9



#46
 Dibromomethane
 Concen: 51.798 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 93 Resp: 52475
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.0 99.0
 174 108.7 83.4 125.0





#47

Bromodichloromethane

Concen: 50.405 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

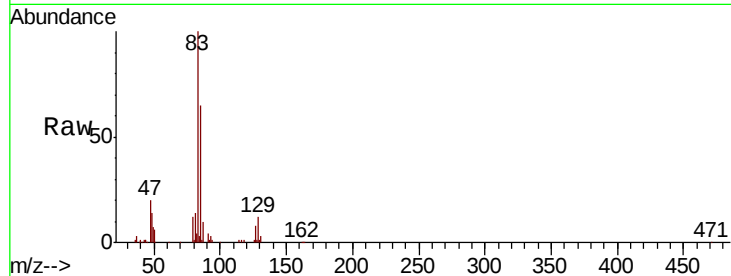
Tot Ion: 83 Resp: 131470

Ion Ratio Lower Upper

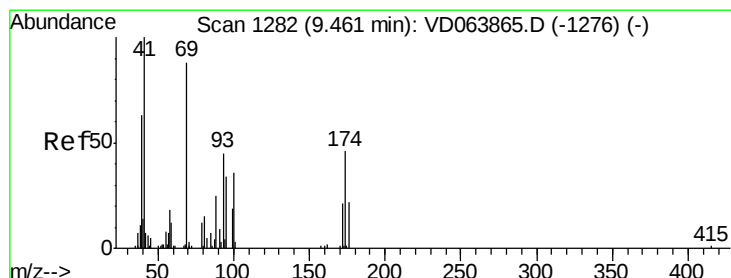
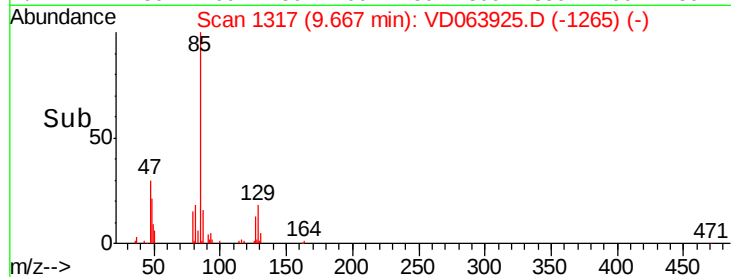
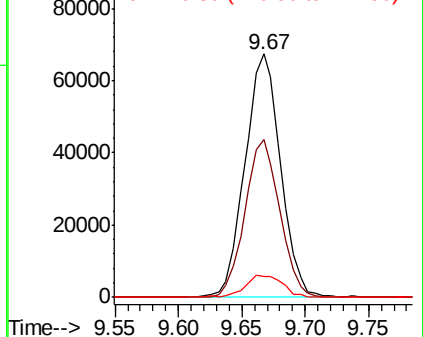
83 100

85 64.7 50.2 75.2

127 8.4 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 47.866 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

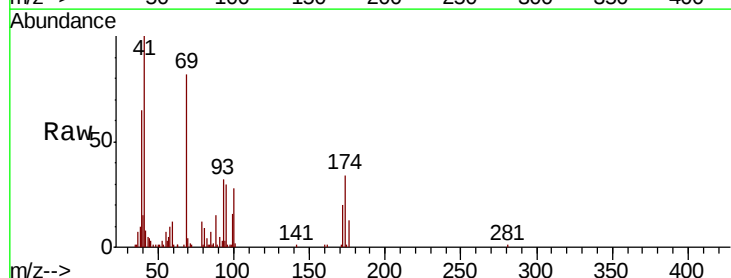
Tgt Ion: 41 Resp: 48776

Ion Ratio Lower Upper

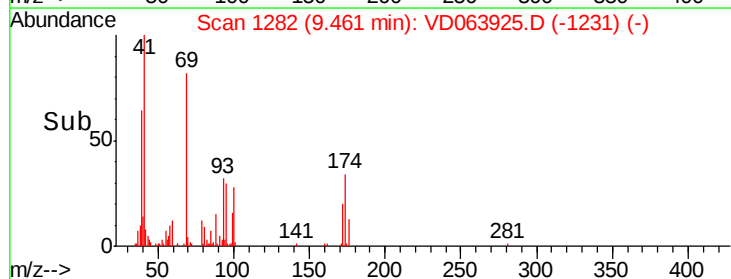
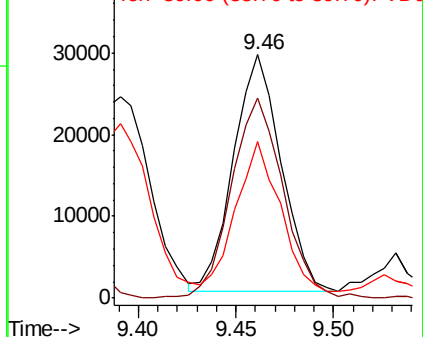
41 100

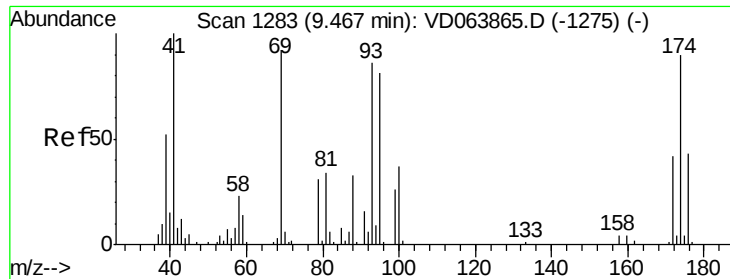
69 92.5 75.1 112.7

39 65.8 50.2 75.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

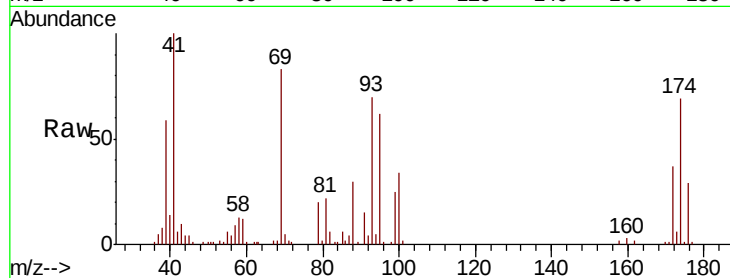




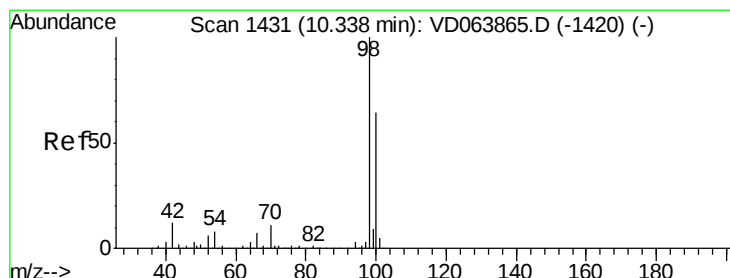
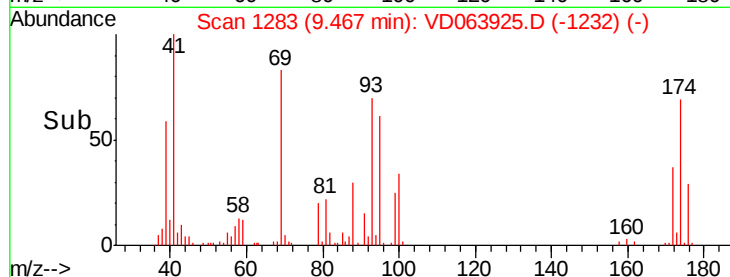
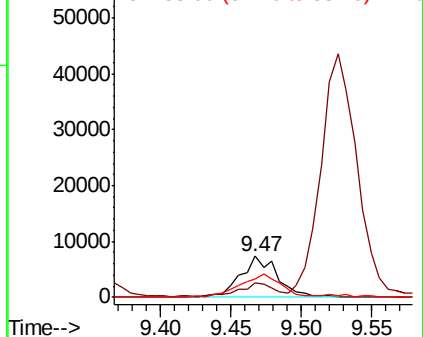
#49
1,4-Dioxane
Concen: 983.929 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 13606
Ion Ratio Lower Upper
88 100
43 34.1 27.6 41.4
58 62.9 54.1 81.1

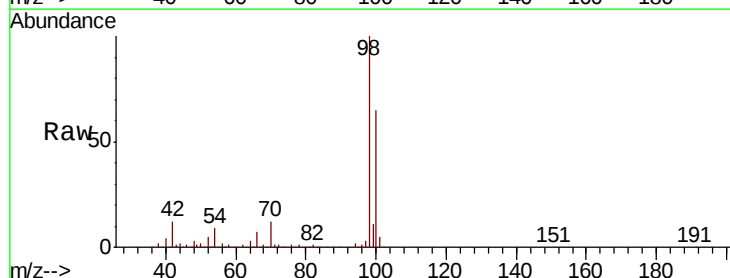


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

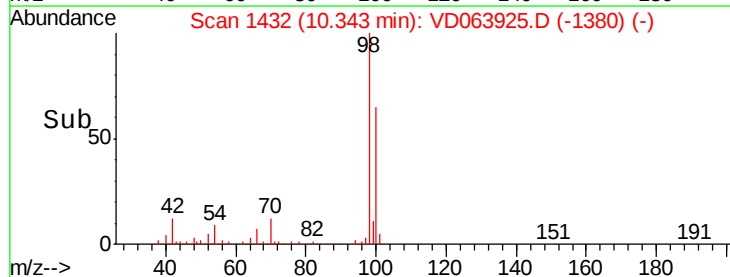
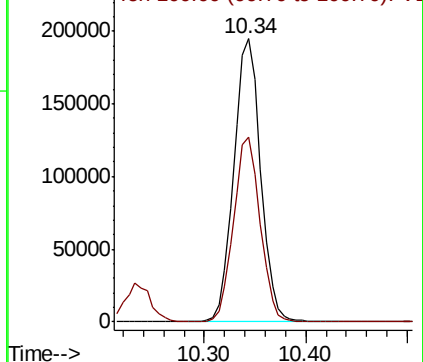


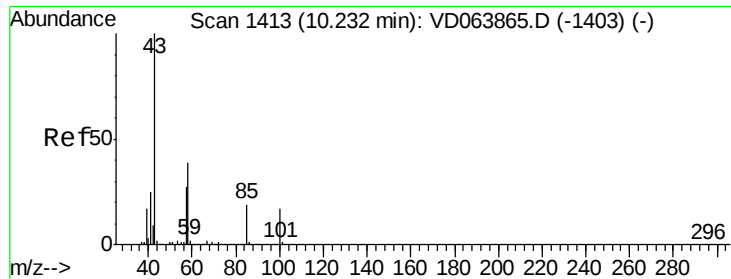
#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 98 Resp: 357239
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

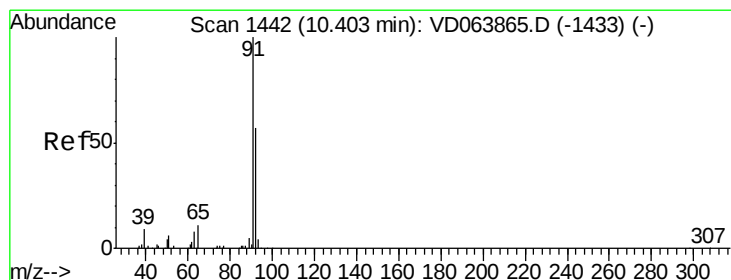
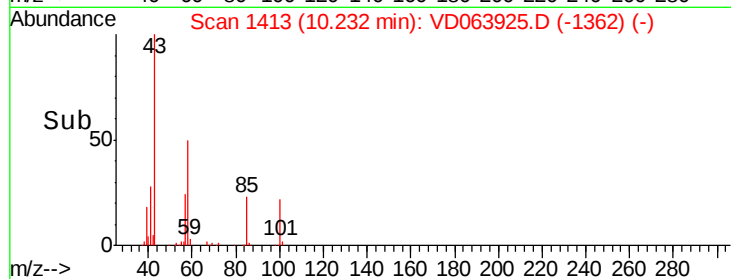
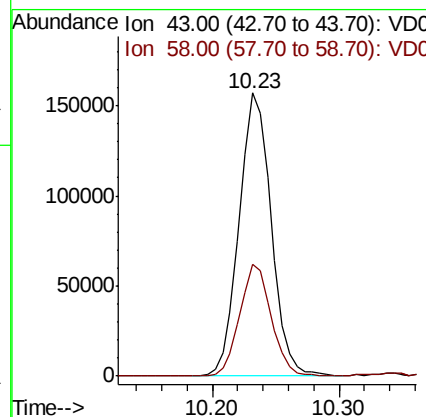
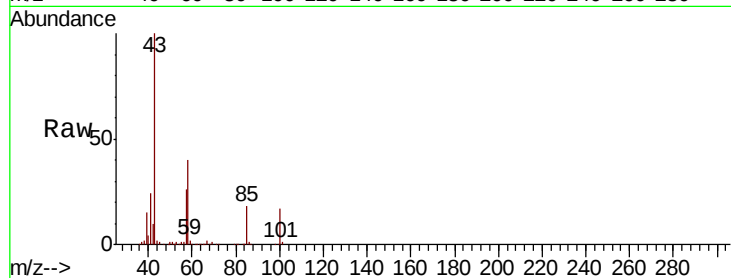




#51
4-Methyl-2-Pentanone
Concen: 250.133 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

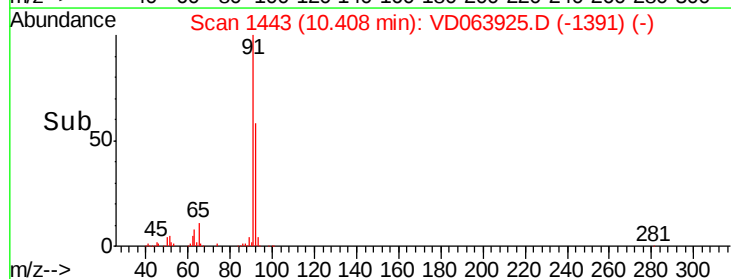
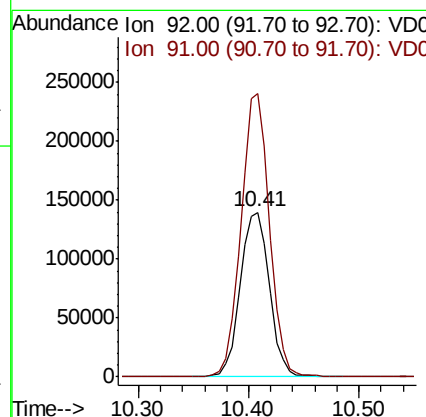
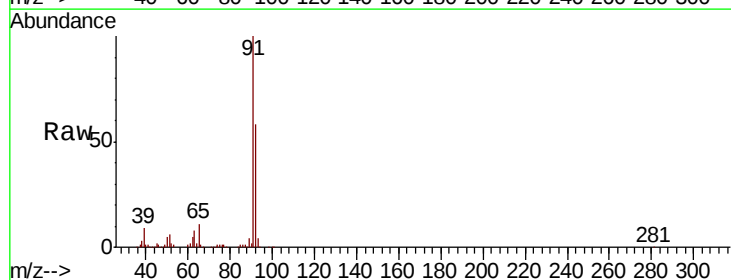
Instrument :
MSVOA_D
ClientSampleId :

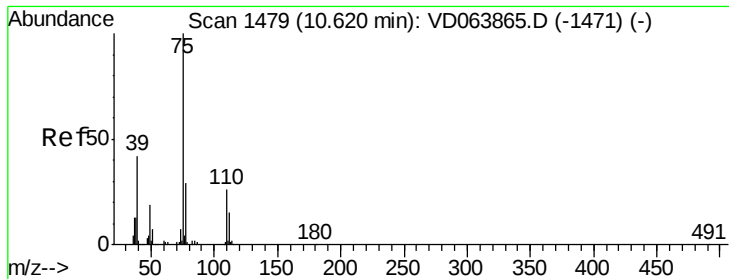
Tot Ion: 43 Resp: 275897
Ion Ratio Lower Upper
43 100
58 38.9 33.0 49.4



#52
Toluene
Concen: 52.020 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 92 Resp: 259528
Ion Ratio Lower Upper
92 100
91 167.6 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 50.303 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

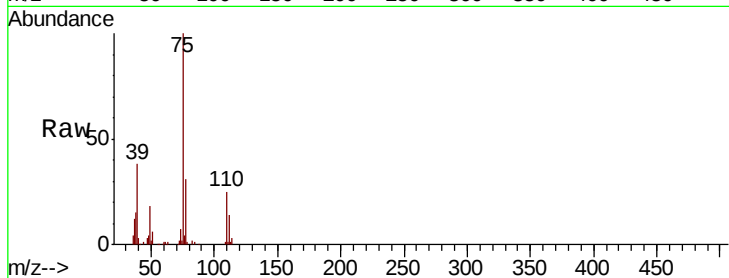
ClientSampleId :

Tot Ion: 75 Resp: 128031

Ion Ratio Lower Upper

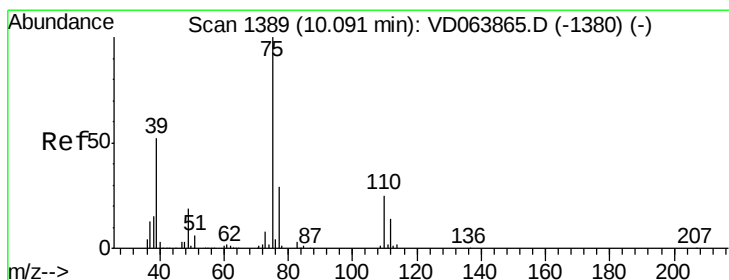
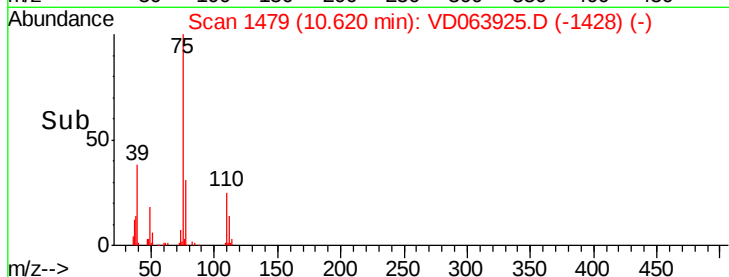
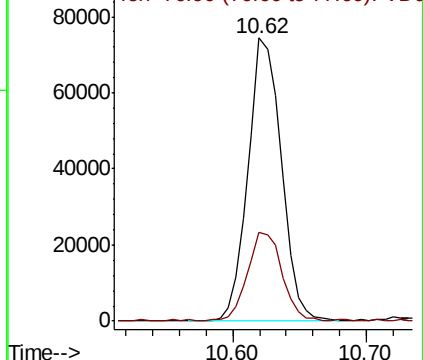
75 100

77 31.0 22.8 34.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.707 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

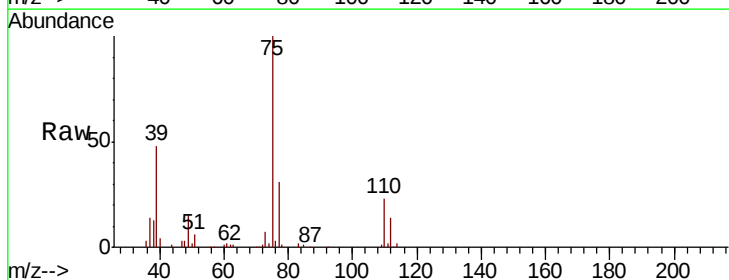
Tgt Ion: 75 Resp: 148560

Ion Ratio Lower Upper

75 100

77 30.8 23.2 34.8

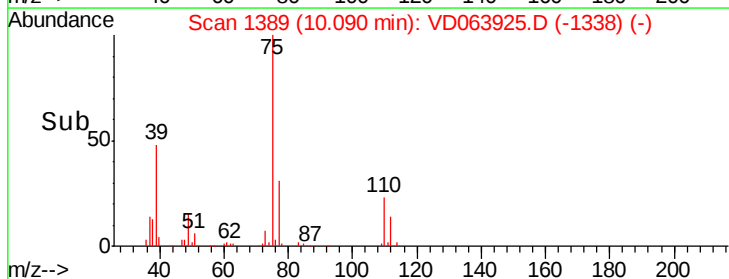
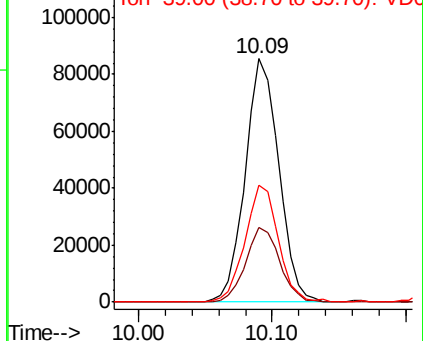
39 47.8 41.5 62.3

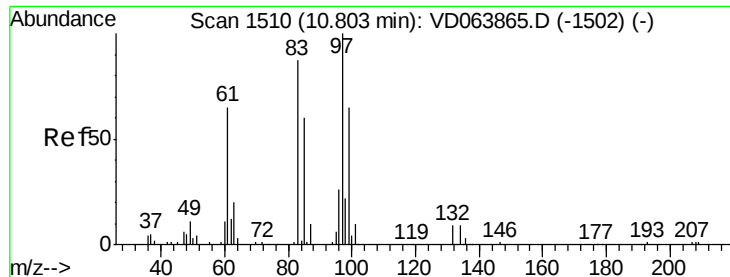


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



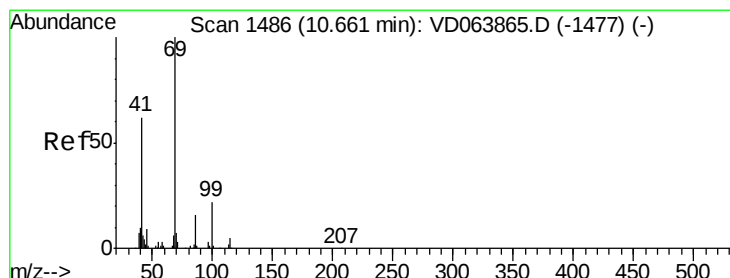
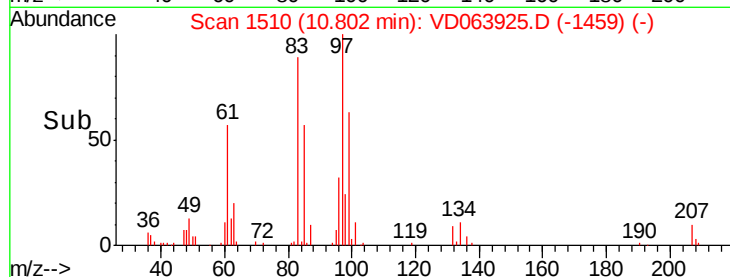
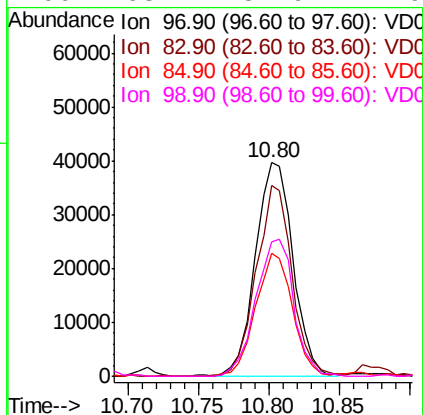
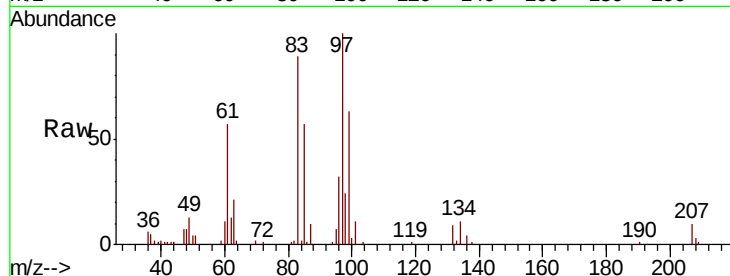


#55
 1,1,2-Trichloroethane
 Concen: 52.014 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 74400

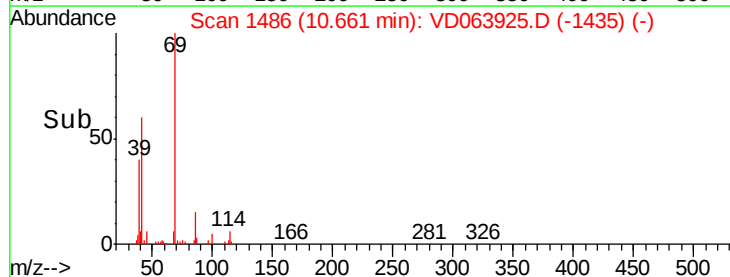
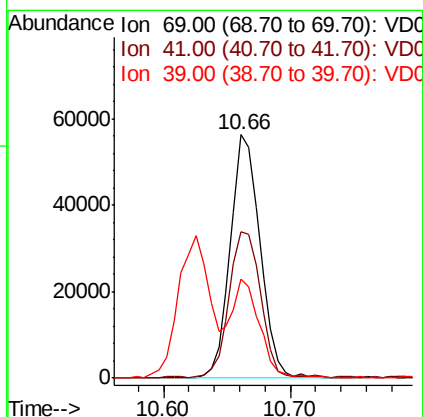
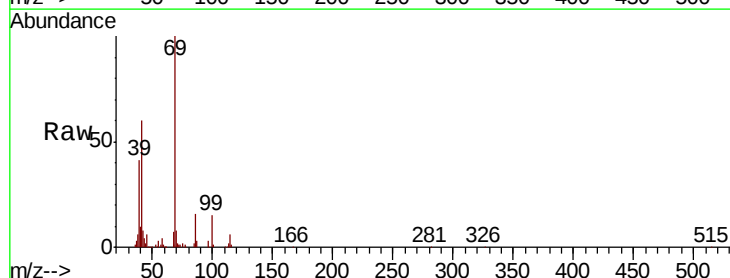
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.7	104.5
85	57.4	48.1	72.1
99	63.1	51.9	77.9

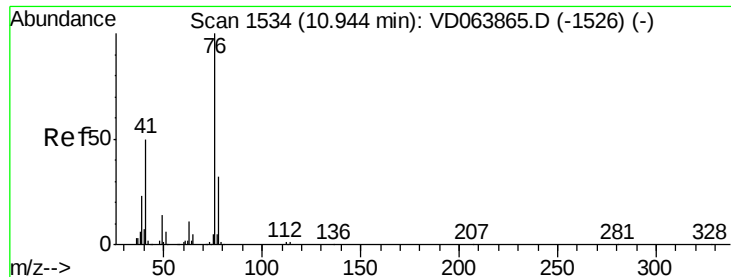


#56
 Ethyl methacrylate
 Concen: 50.521 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

Tgt Ion: 69 Resp: 91513

Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.3	76.9
39	40.4	28.0	42.0





#57

1,3-Dichloropropane

Concen: 51.778 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

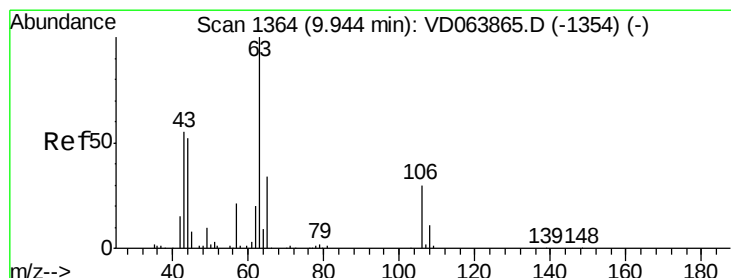
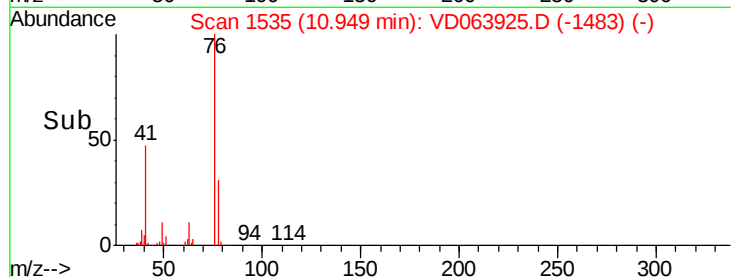
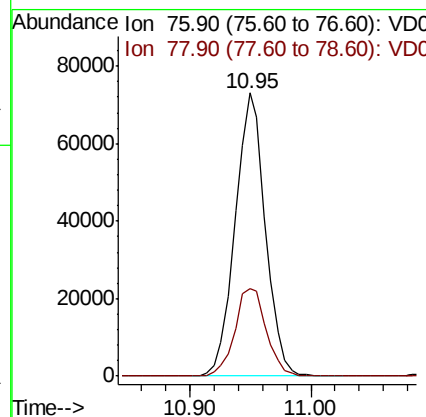
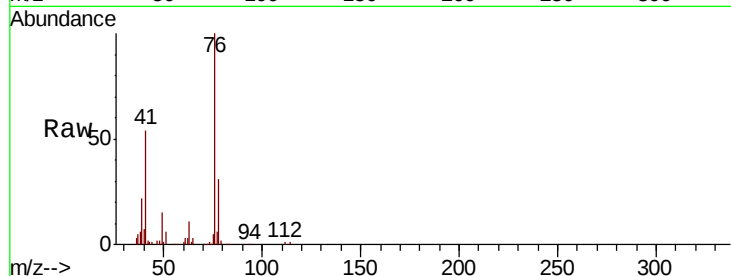
ClientSampleId :

Tot Ion: 76 Resp: 126719

Ion Ratio Lower Upper

76 100

78 32.6 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 272.253 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD063925.D

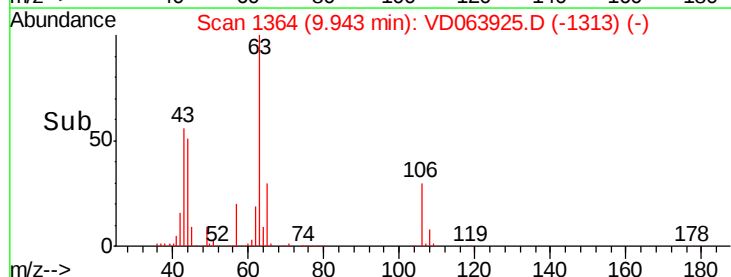
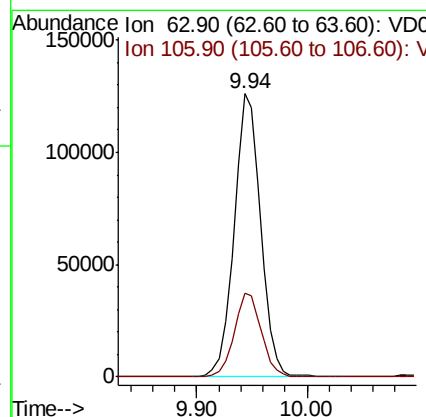
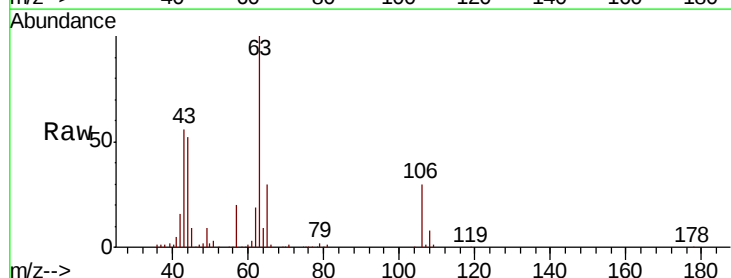
Acq: 10 Oct 2019 22:17

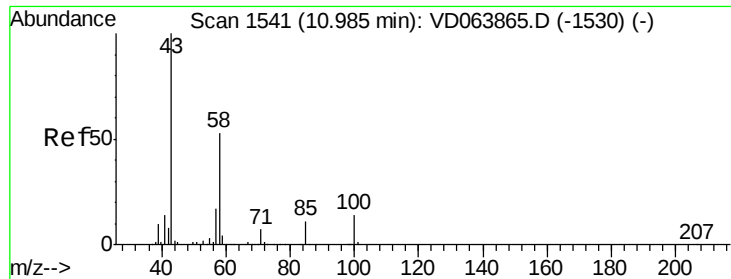
Tgt Ion: 63 Resp: 211978

Ion Ratio Lower Upper

63 100

106 30.0 24.3 36.5

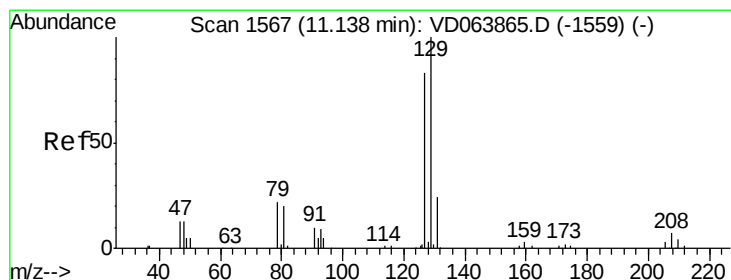
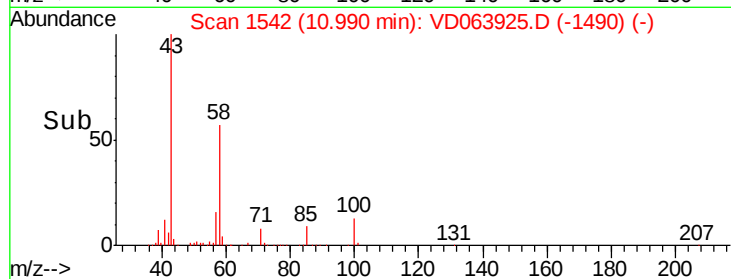
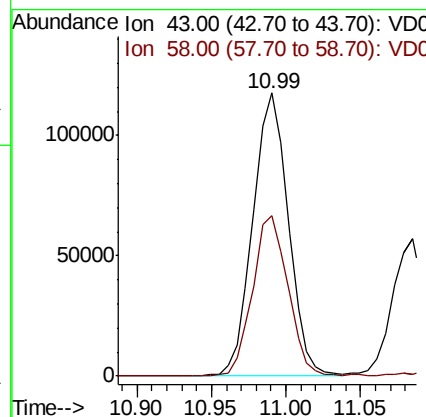
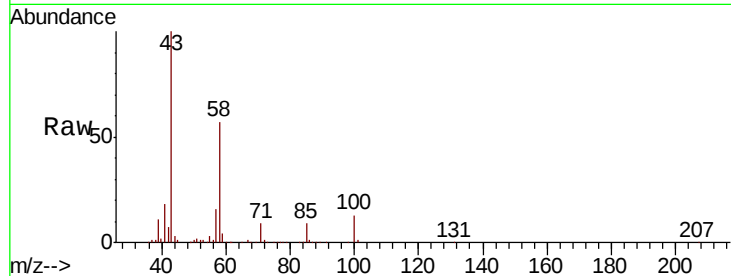




#59
2-Hexanone
Concen: 242.524 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

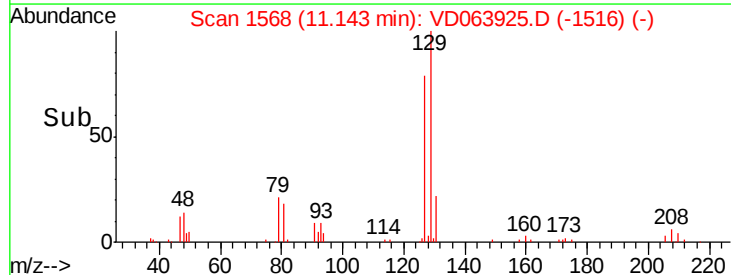
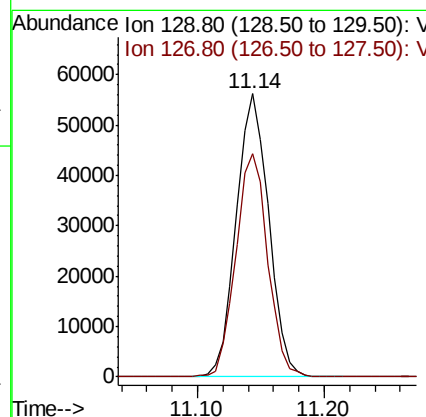
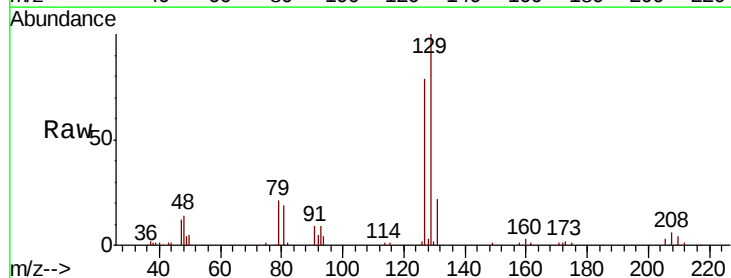
Instrument :
MSVOA_D
ClientSampleId :

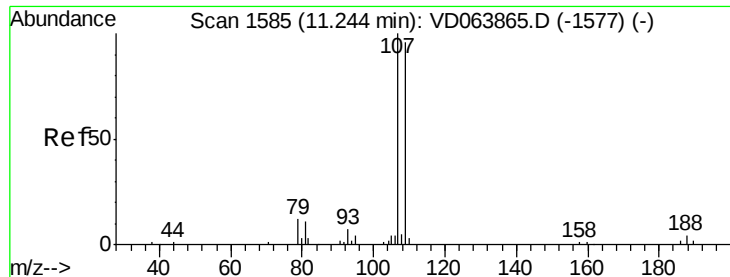
Tot Ion: 43 Resp: 193505
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.0



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

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

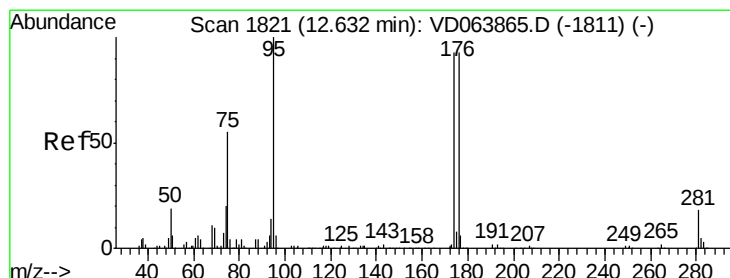
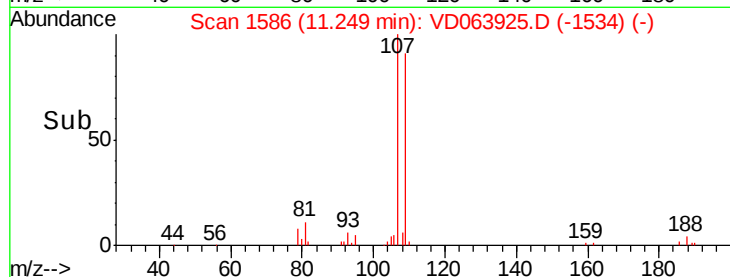
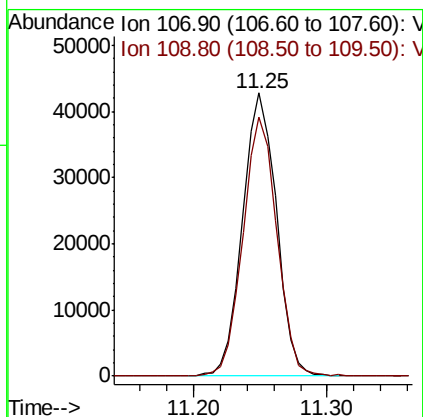
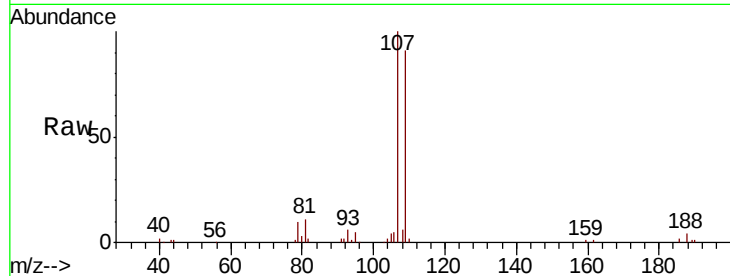




#61
 1,2-Dibromoethane
 Concen: 54.023 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

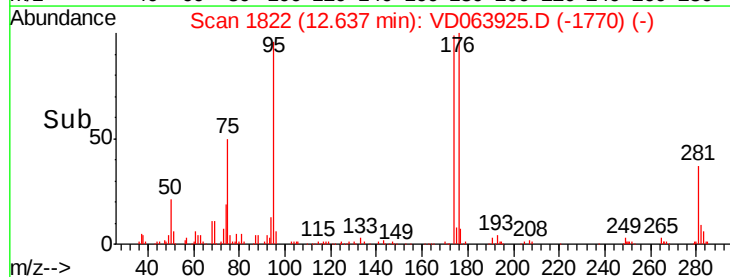
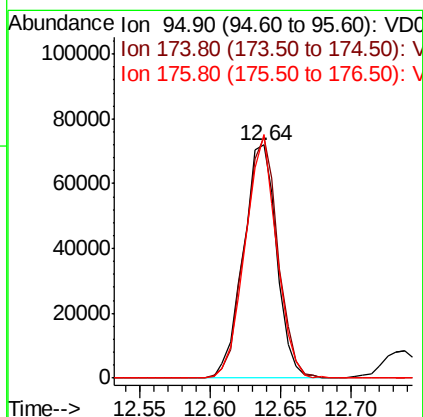
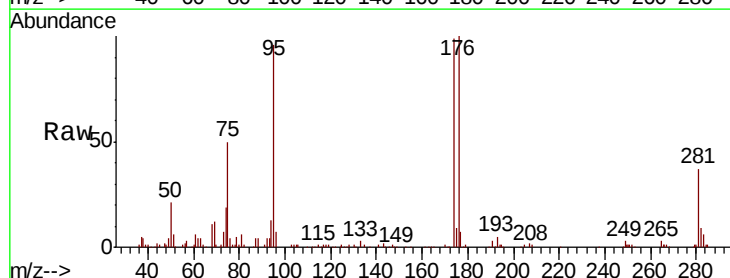
Instrument :
 MSVOA_D
 ClientSampleId :

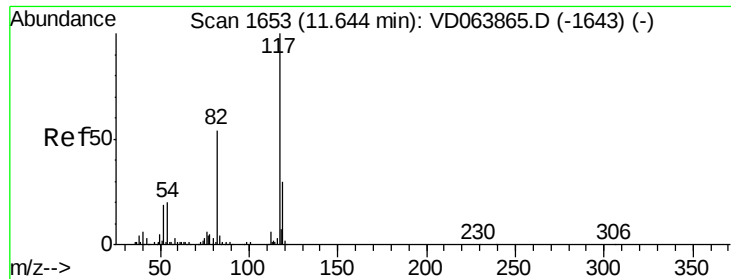
Tot Ion: 107 Resp: 74914
 Ion Ratio Lower Upper
 107 100
 109 91.5 75.2 112.8



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

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

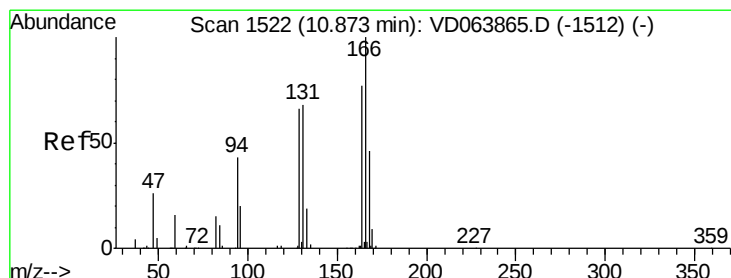
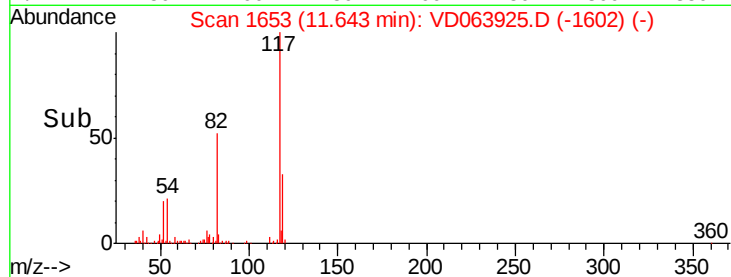
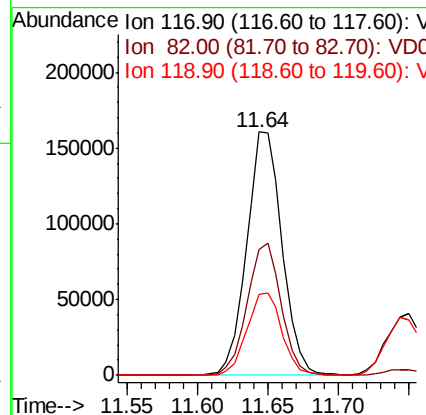
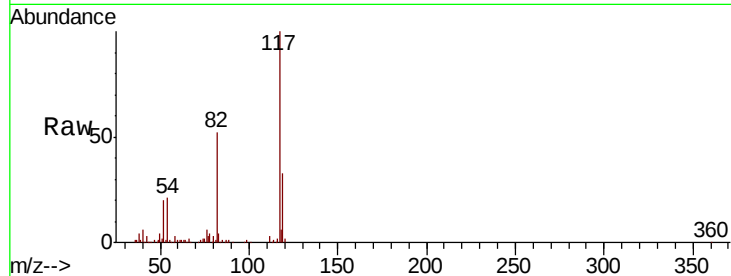




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

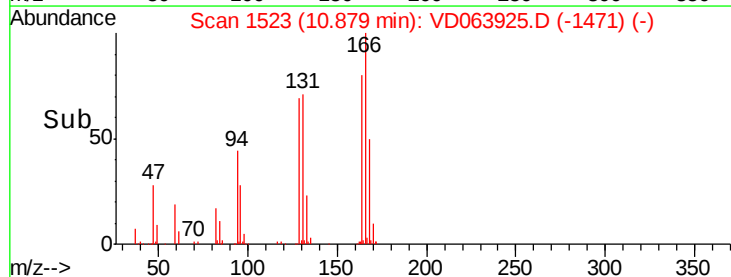
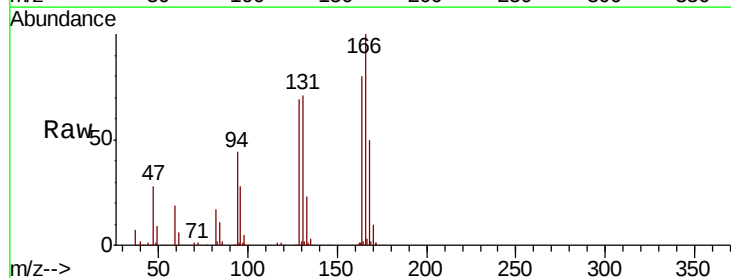
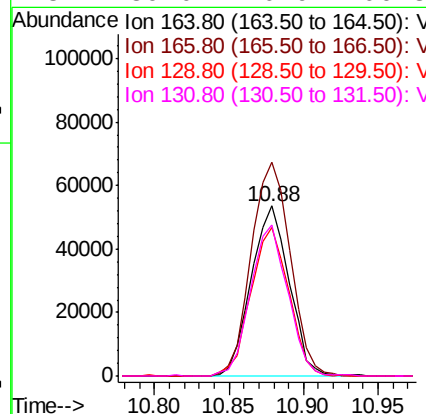
Instrument :
MSVOA_D
ClientSampleId :

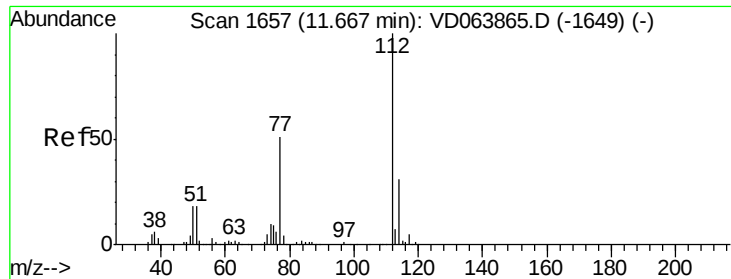
Tot Ion:117 Resp: 282242
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 33.1 24.4 36.6



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

Tgt Ion:164 Resp: 94389
Ion Ratio Lower Upper
164 100
166 125.6 103.8 155.6
129 87.2 68.9 103.3
131 89.0 70.9 106.3

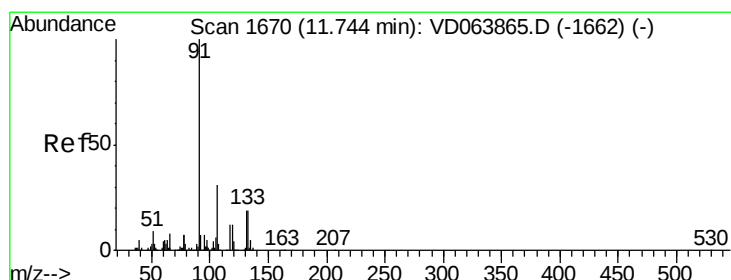
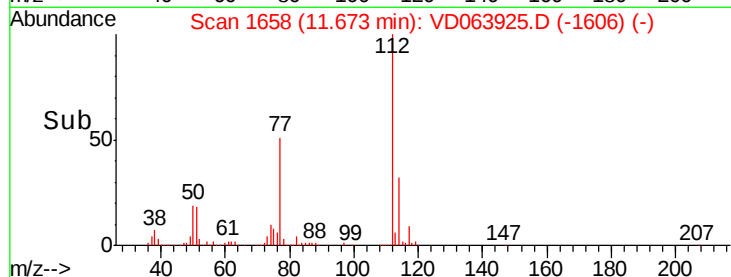
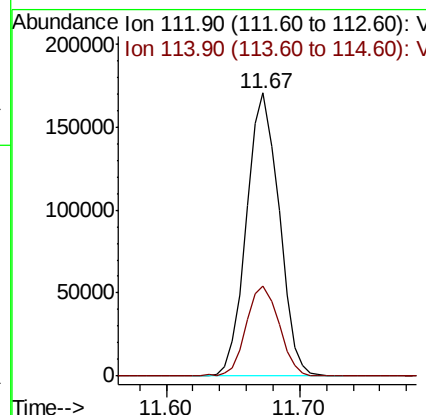
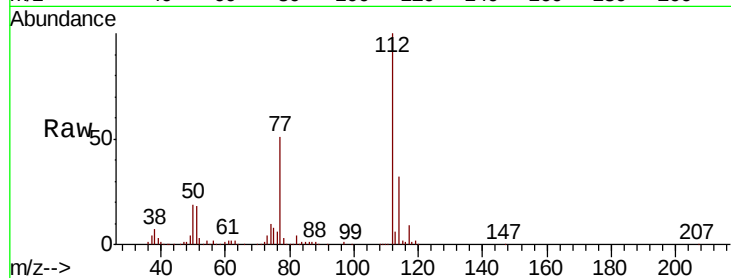




#65
Chlorobenzene
Concen: 50.817 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

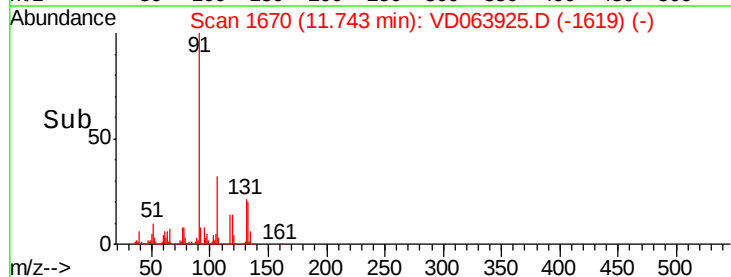
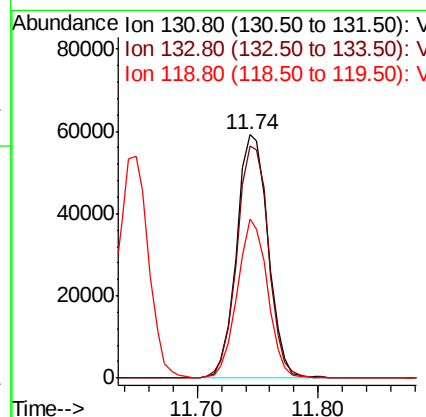
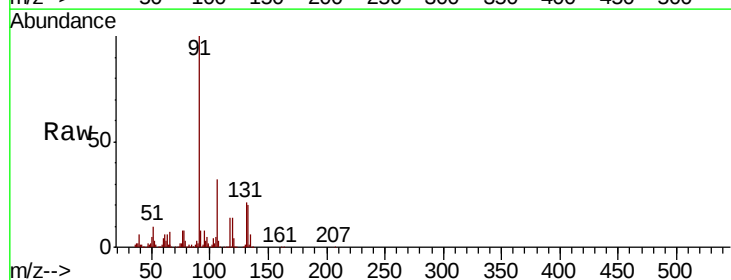
Instrument :
MSVOA_D
ClientSampleId :

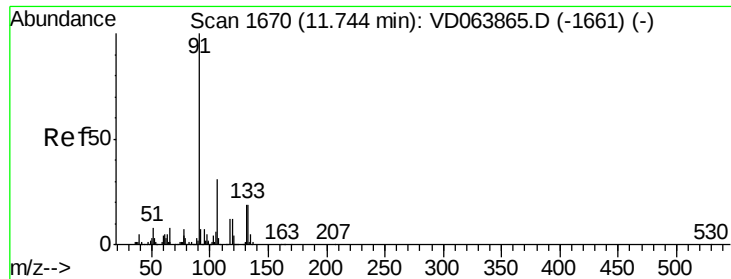
Tot Ion:112 Resp: 288040
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



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

Tgt Ion:131 Resp: 107954
Ion Ratio Lower Upper
131 100
133 95.6 48.9 146.7
119 62.9 32.6 97.8





#67

Ethyl Benzene

Concen: 49.652 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

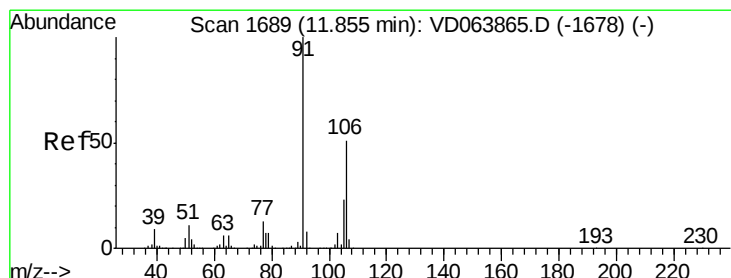
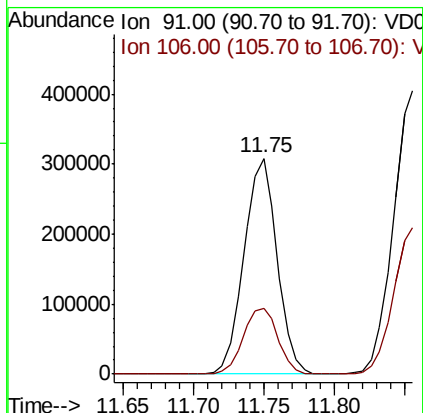
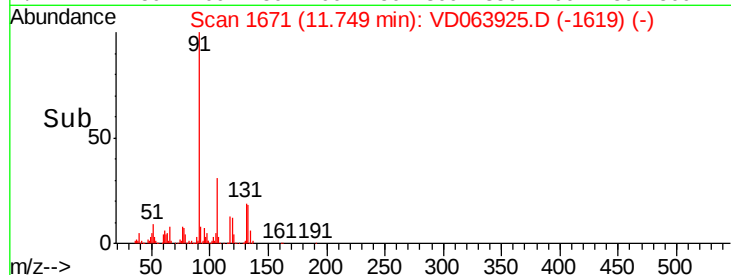
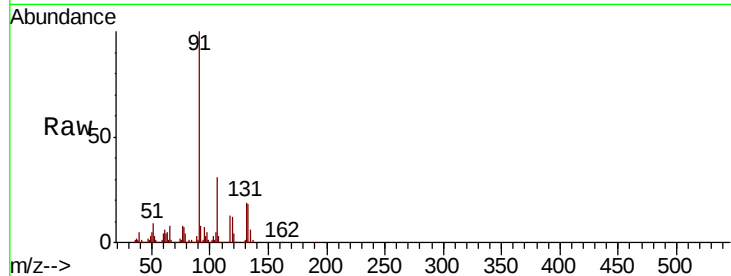
ClientSampleId :

Tot Ion: 91 Resp: 507479

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 100.884 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063925.D

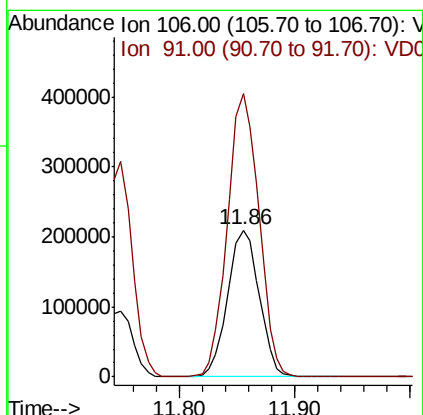
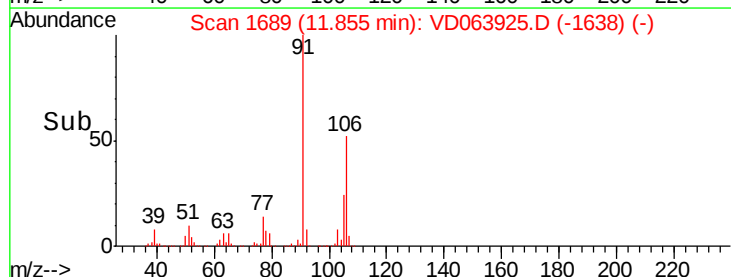
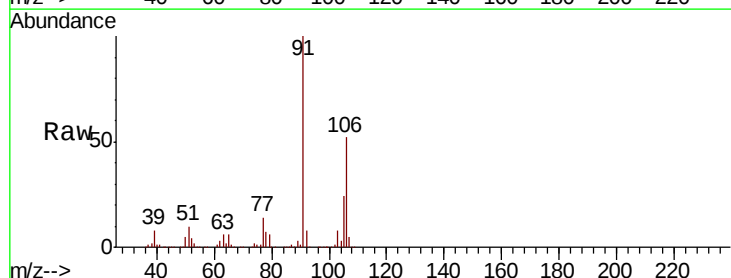
Acq: 10 Oct 2019 22:17

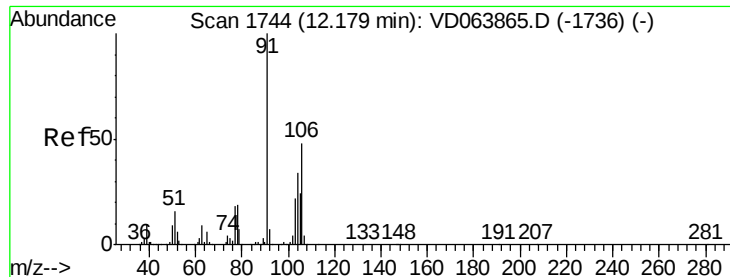
Tgt Ion: 106 Resp: 397989

Ion Ratio Lower Upper

106 100

91 192.8 154.8 232.2

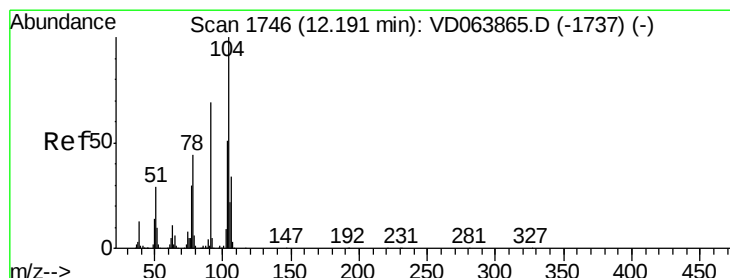
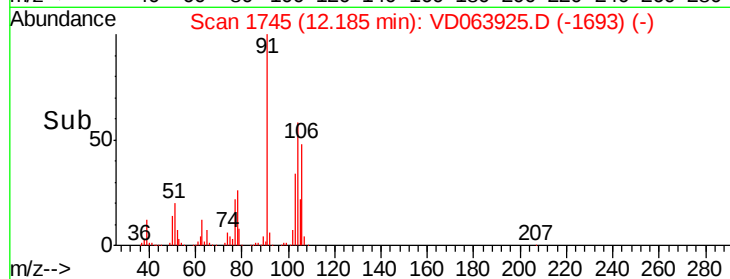
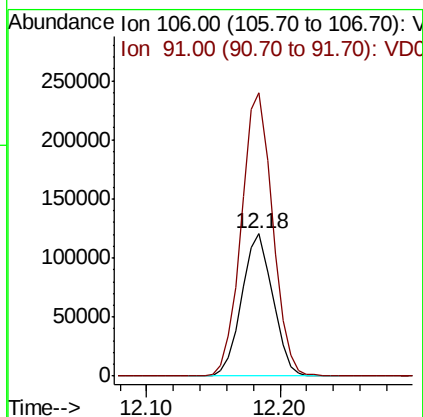
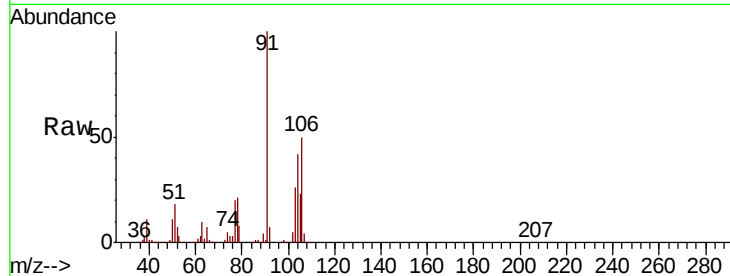




#69
o-Xylene
Concen: 51.124 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

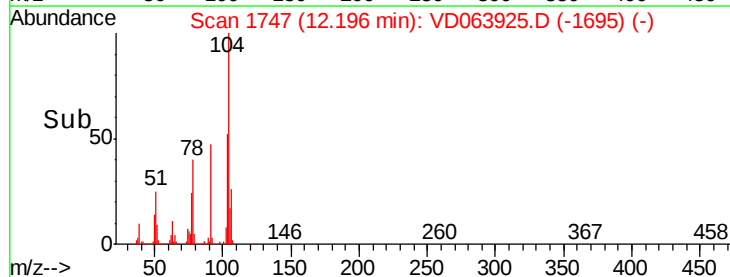
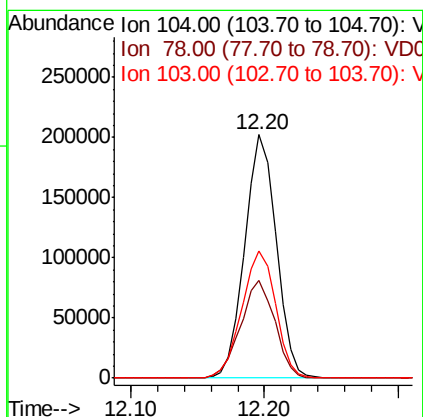
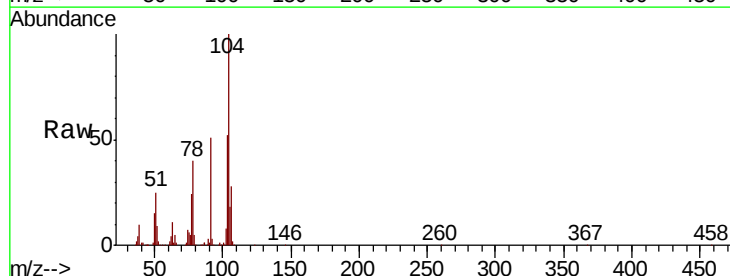
Instrument :
MSVOA_D
ClientSampleId :

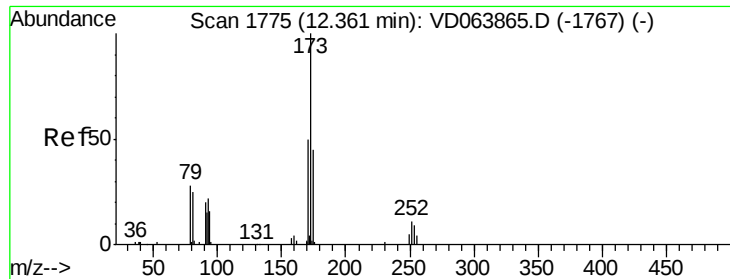
Tot Ion:106 Resp: 193122
Ion Ratio Lower Upper
106 100
91 200.5 103.9 311.7



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

Tgt Ion:104 Resp: 329350
Ion Ratio Lower Upper
104 100
78 43.9 37.0 55.4
103 56.5 44.2 66.4





#71

Bromoform

Concen: 53.317 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

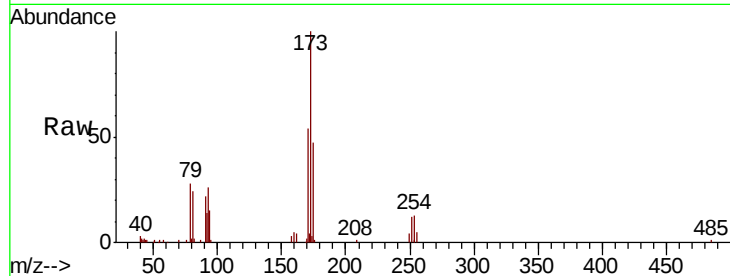
Tot Ion:173 Resp: 59762

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

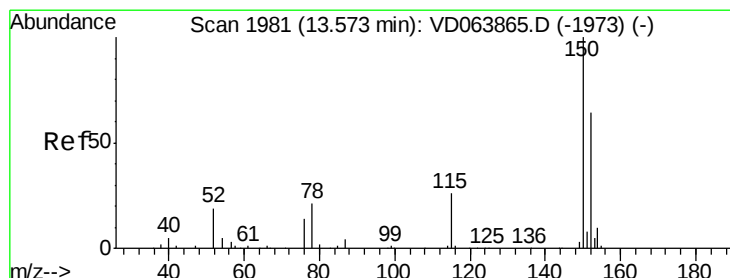
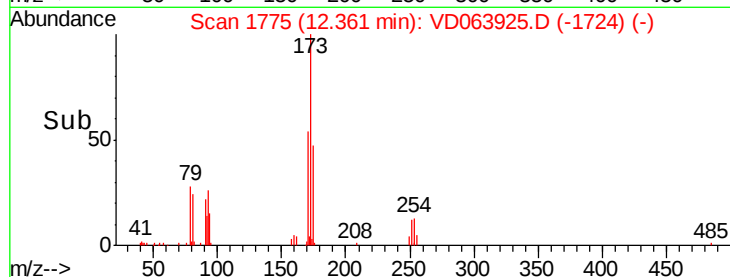
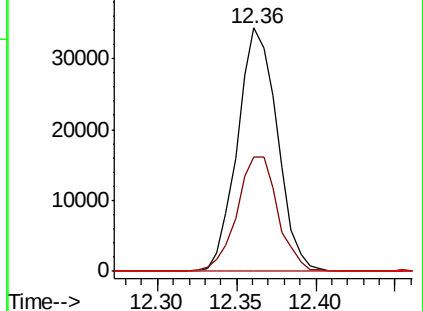
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

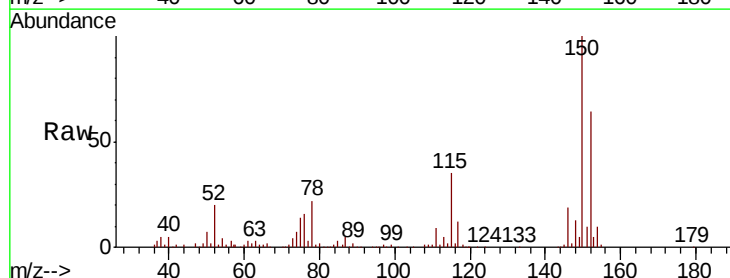
Tgt Ion:152 Resp: 159323

Ion Ratio Lower Upper

152 100

115 54.7 25.9 77.7

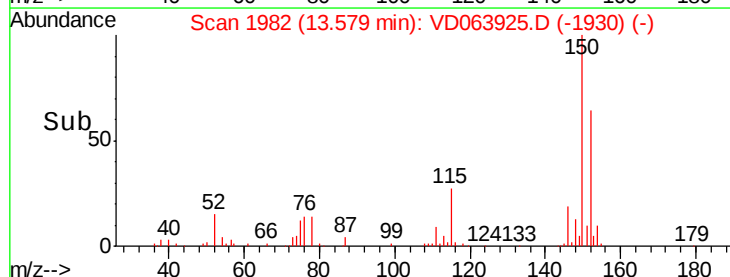
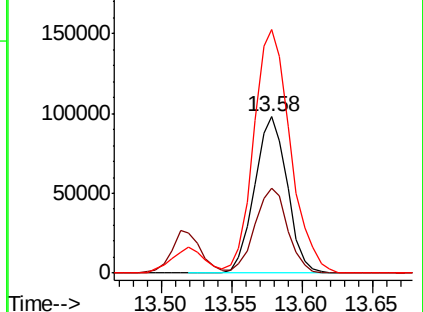
150 174.3 0.0 344.2

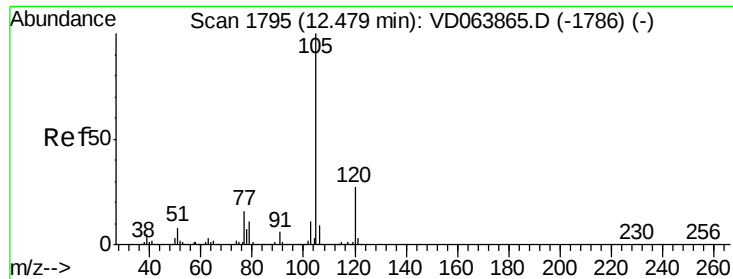


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.798 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

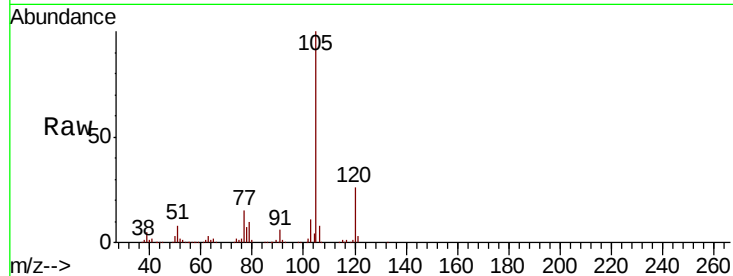
ClientSampleId :

Tot Ion:105 Resp: 501226

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

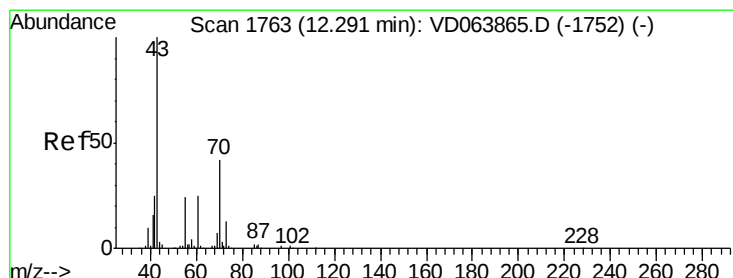
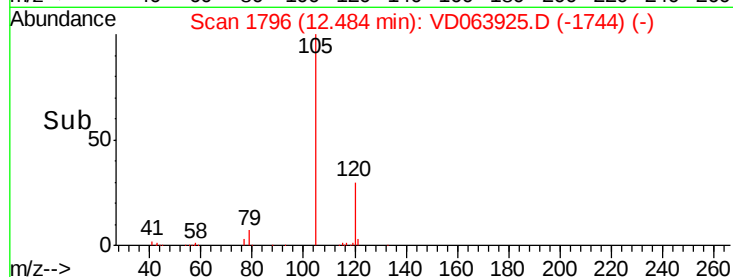
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 43.760 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Tgt Ion: 43 Resp: 100909

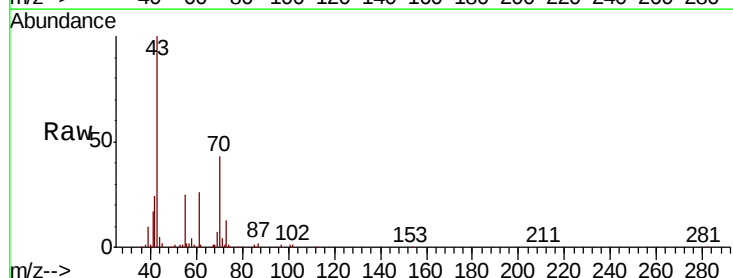
Ion Ratio Lower Upper

43 100

70 44.7 35.8 53.6

55 26.1 19.4 29.0

61 26.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

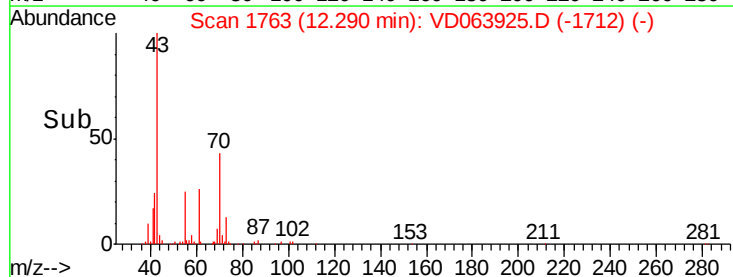
60000

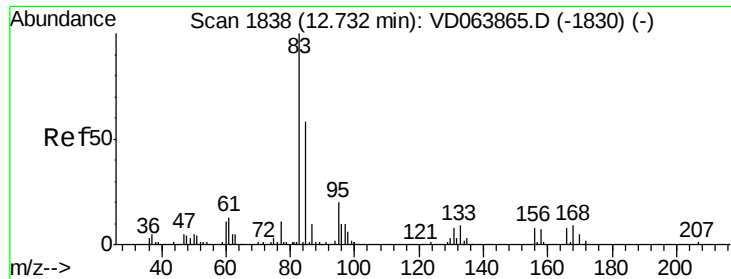
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.139 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

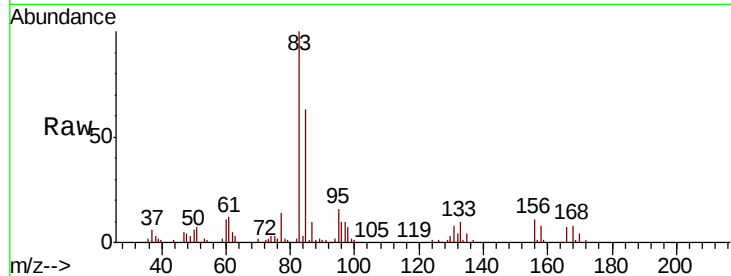
Tot Ion: 83 Resp: 87856

Ion Ratio Lower Upper

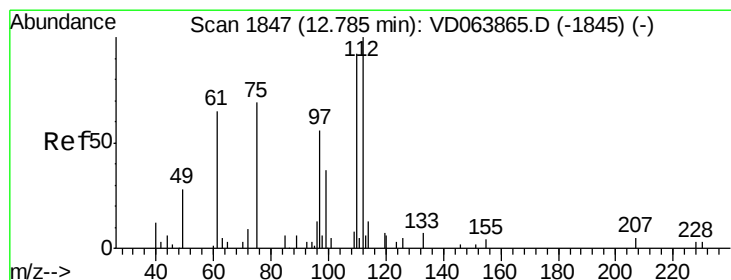
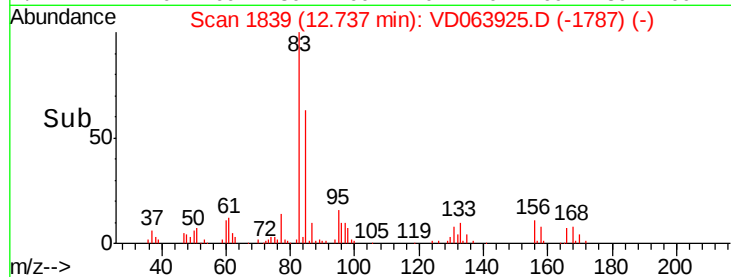
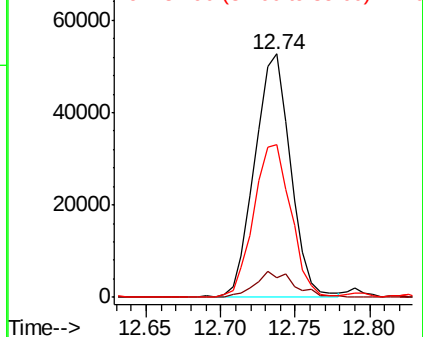
83 100

131 11.5 5.6 16.8

85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 104.550 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD063925.D

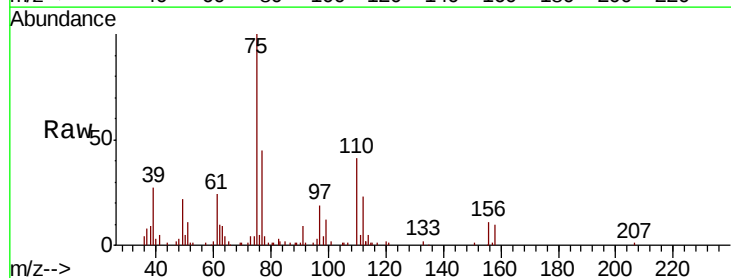
Acq: 10 Oct 2019 22:17

Tgt Ion: 75 Resp: 111565

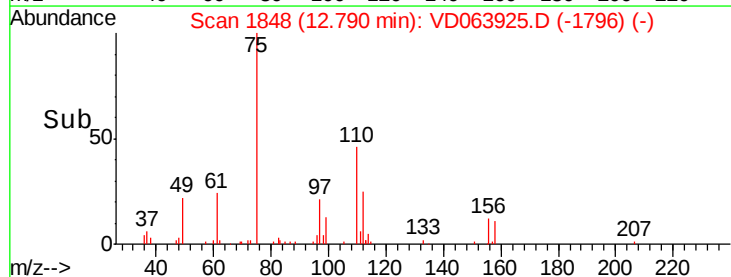
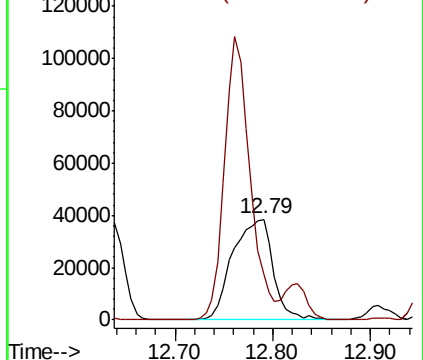
Ion Ratio Lower Upper

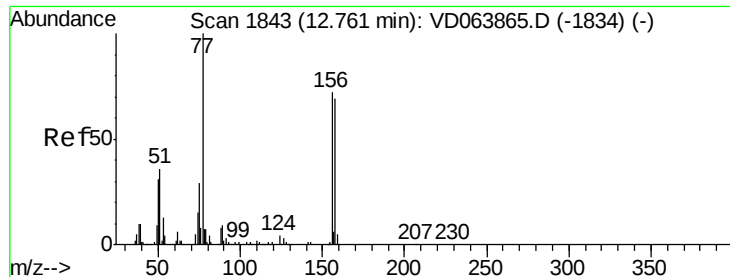
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.841 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

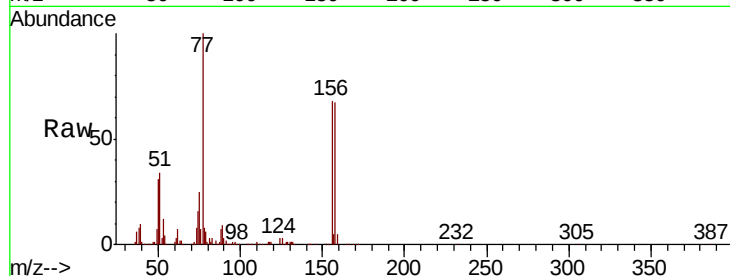
Tot Ion:156 Resp: 127660

Ion Ratio Lower Upper

156 100

77 155.4 80.3 241.0

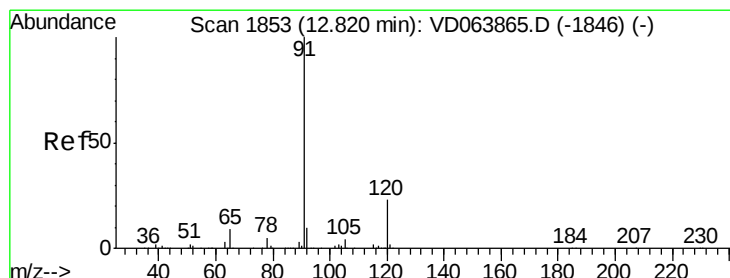
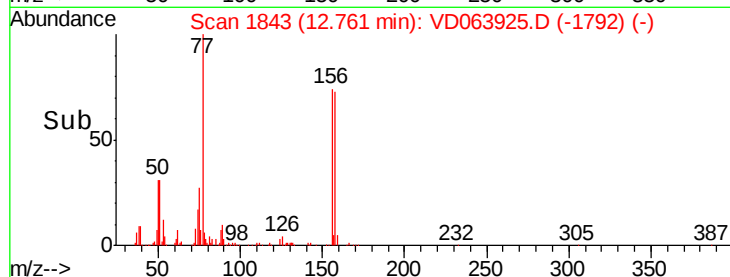
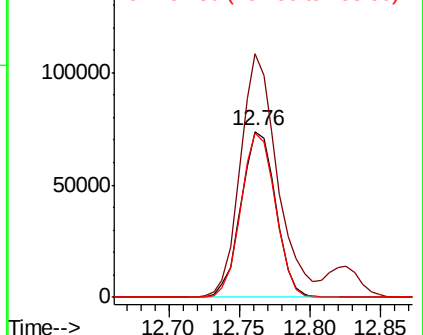
158 97.6 47.4 142.2



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: 46.595 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD063925.D

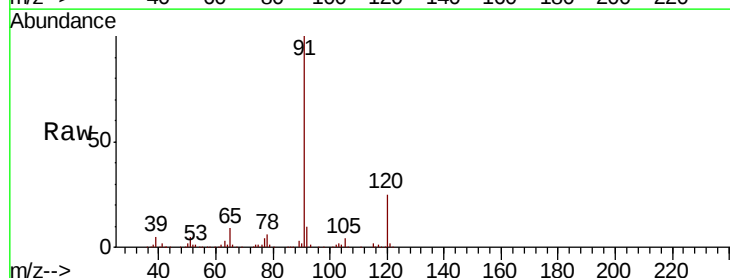
Acq: 10 Oct 2019 22:17

Tgt Ion: 91 Resp: 585783

Ion Ratio Lower Upper

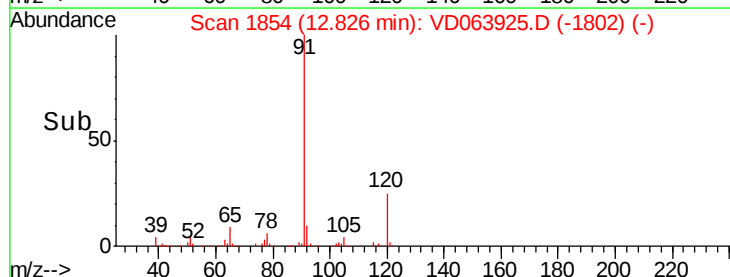
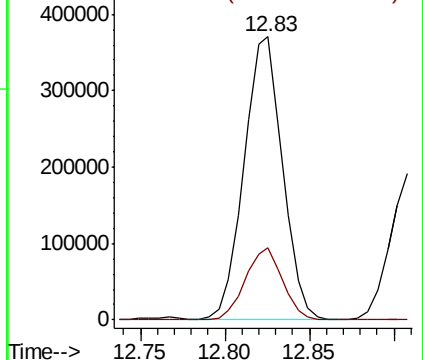
91 100

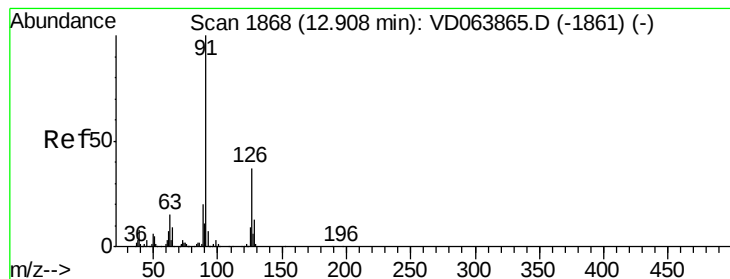
120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.742 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

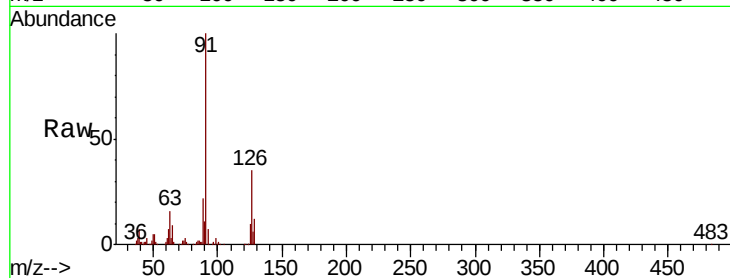
ClientSampleId :

Tot Ion: 91 Resp: 324017

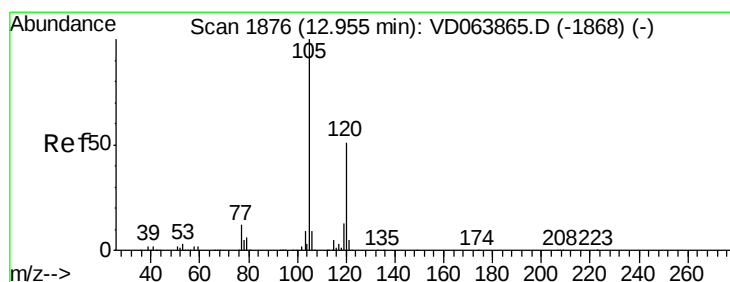
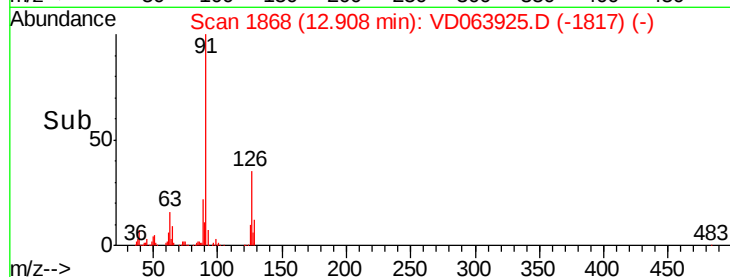
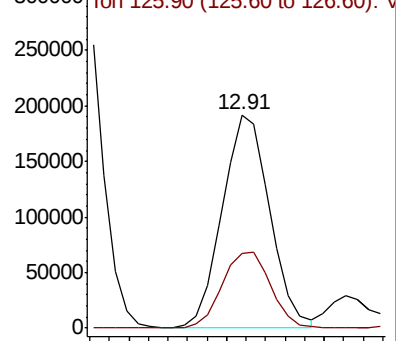
Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VD063925.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.879 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VD063925.D

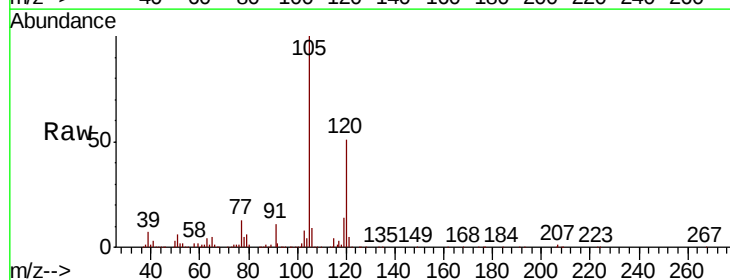
Acq: 10 Oct 2019 22:17

Tgt Ion: 105 Resp: 418887

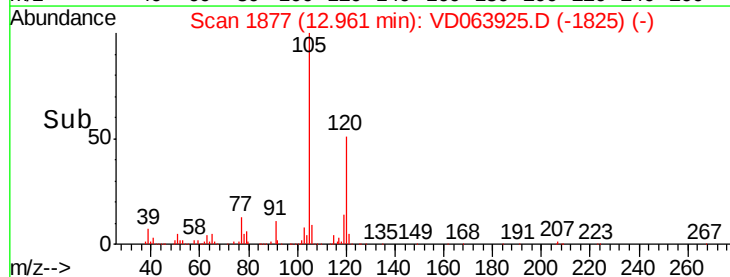
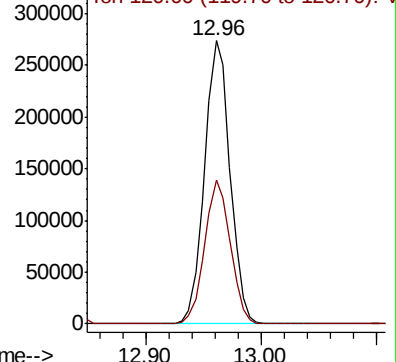
Ion Ratio Lower Upper

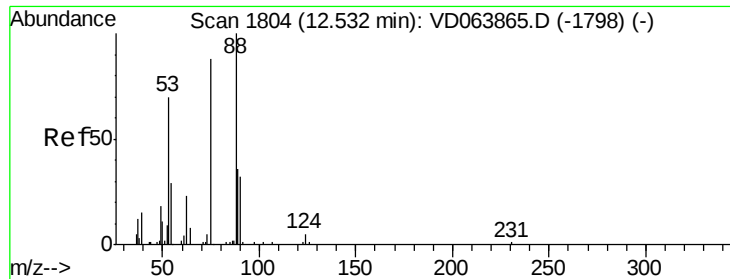
105 100

120 51.0 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): VD063925.D (-1825) (-)

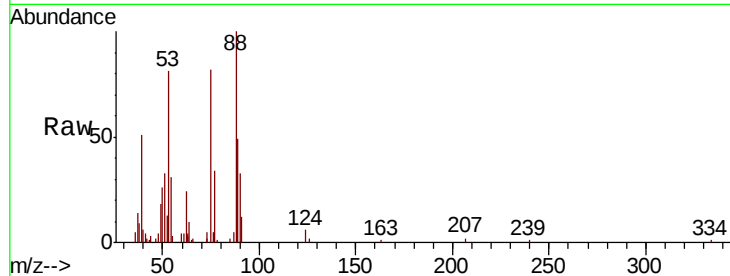




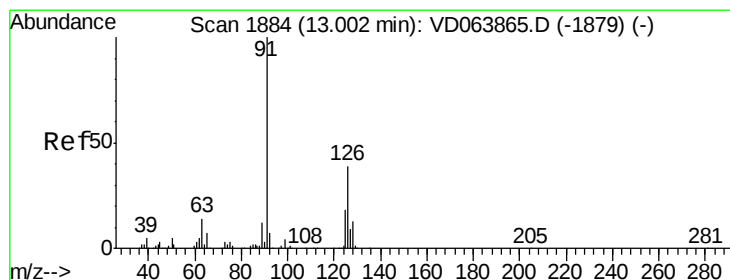
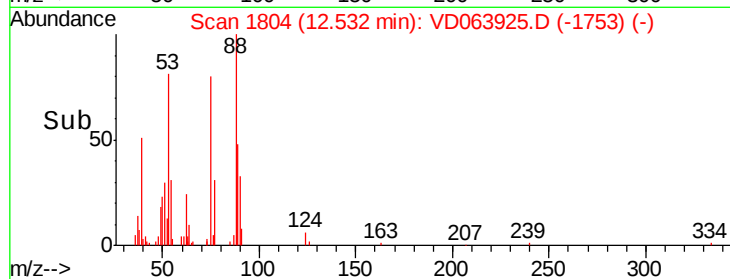
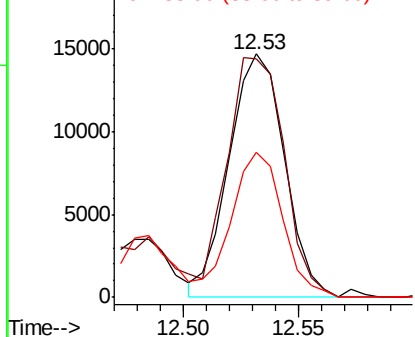
#81
trans-1,4-Dichloro-2-butene
Concen: 40.849 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 24633
Ion Ratio Lower Upper
75 100
53 100.7 75.0 112.6
89 55.9 38.2 57.4

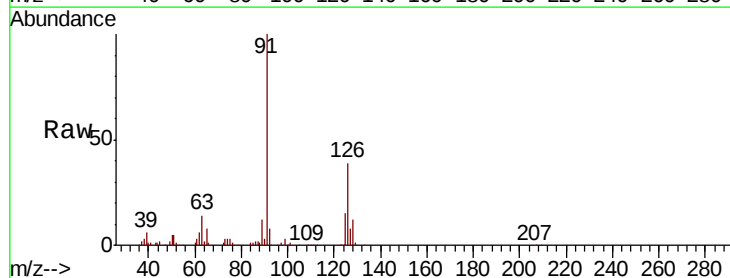


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

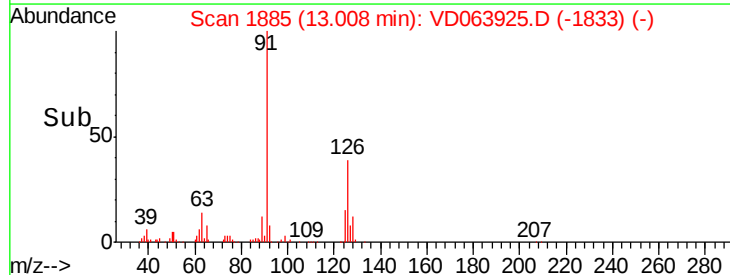
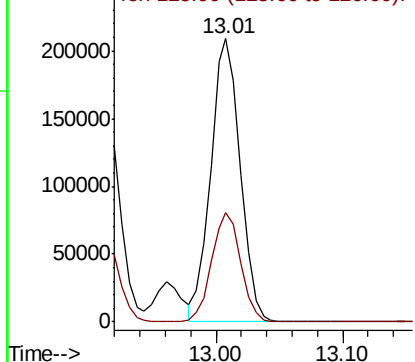


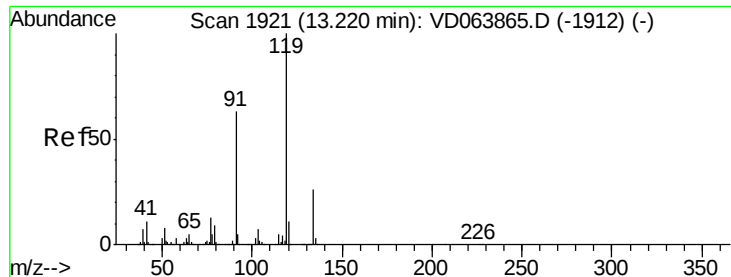
#82
4-Chlorotoluene
Concen: 45.973 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Tgt Ion: 91 Resp: 338068
Ion Ratio Lower Upper
91 100
126 38.2 18.6 55.8



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

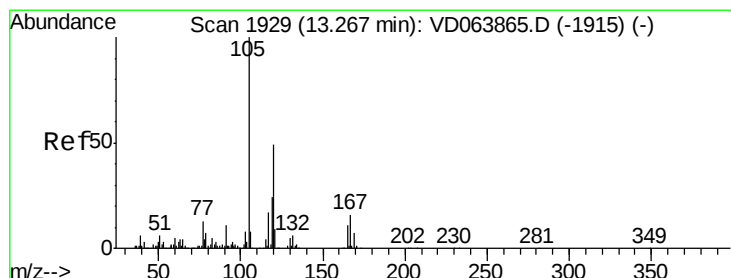
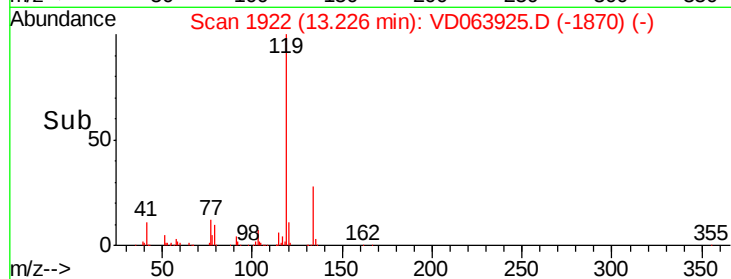
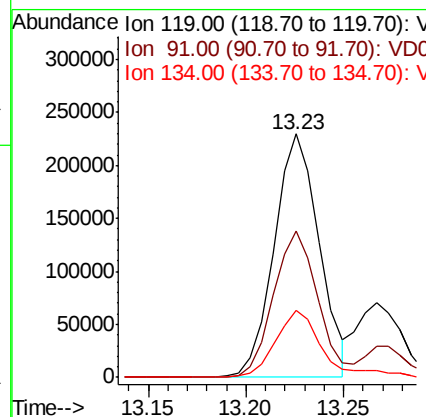
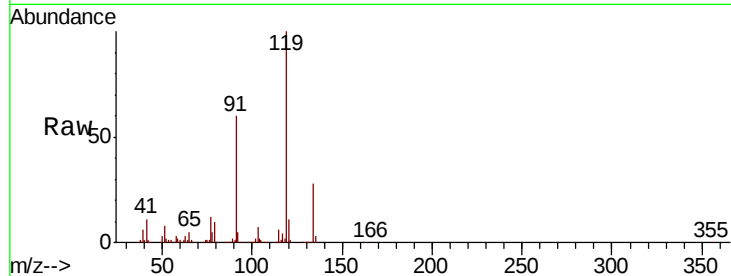




#83
 tert-Butylbenzene
 Concen: 46.134 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

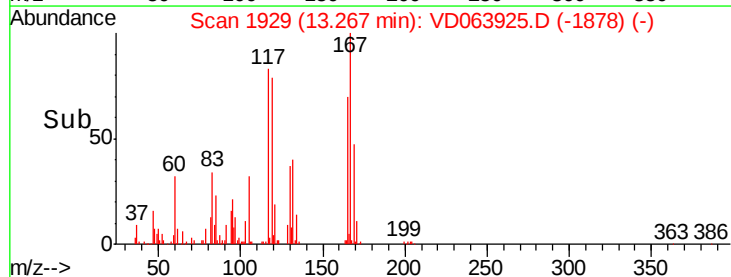
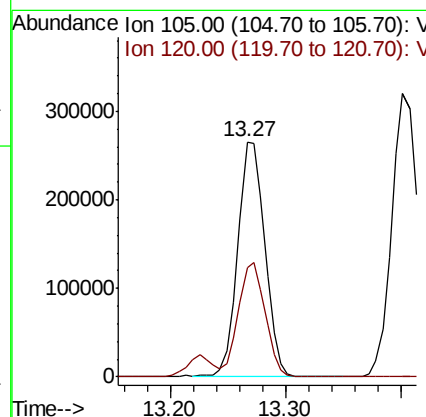
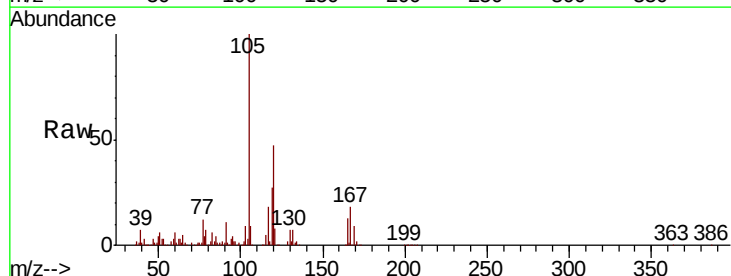
Instrument :
 MSVOA_D
 ClientSampleID :

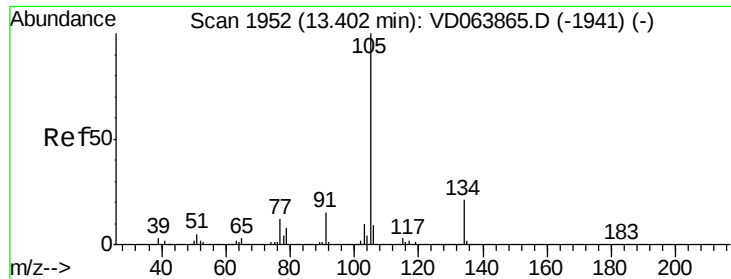
Tot Ion:119 Resp: 366872
 Ion Ratio Lower Upper
 119 100
 91 59.5 30.0 90.0
 134 28.8 13.0 38.9



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

Tgt Ion:105 Resp: 432239
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5





#85

sec-Butylbenzene

Concen: 46.983 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

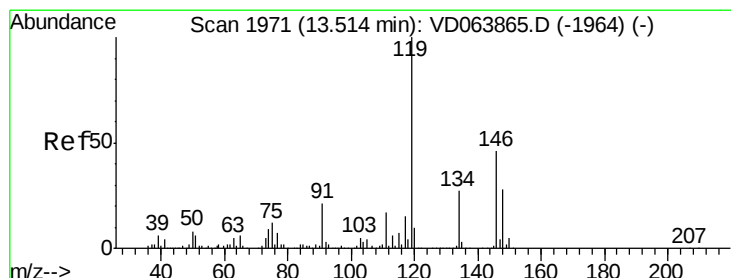
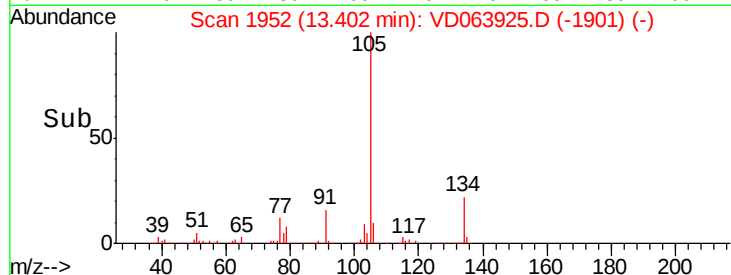
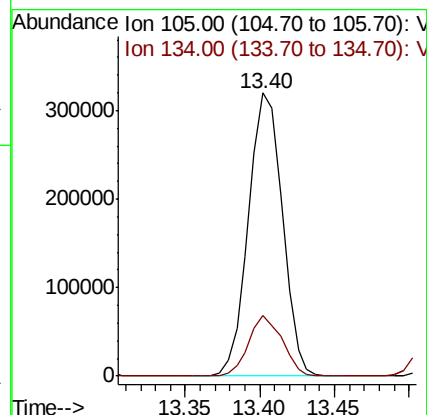
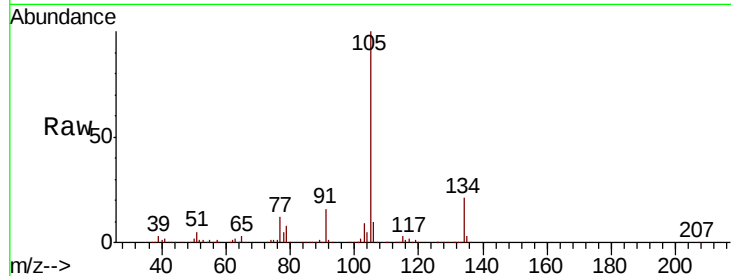
ClientSampleId :

Tot Ion:105 Resp: 504569

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 48.244 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

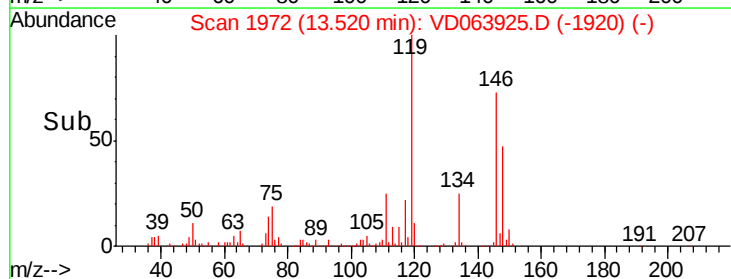
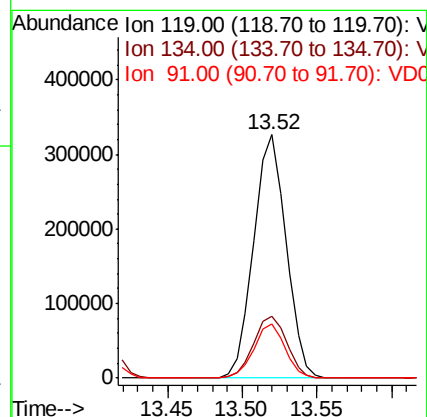
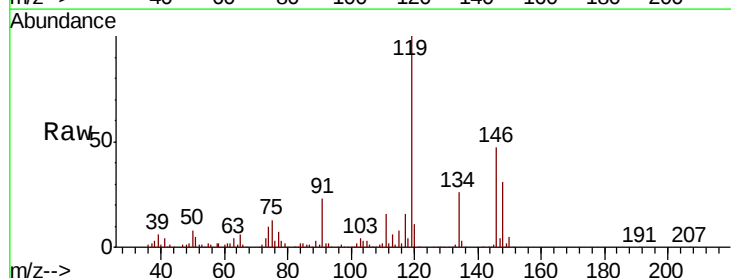
Tgt Ion:119 Resp: 490276

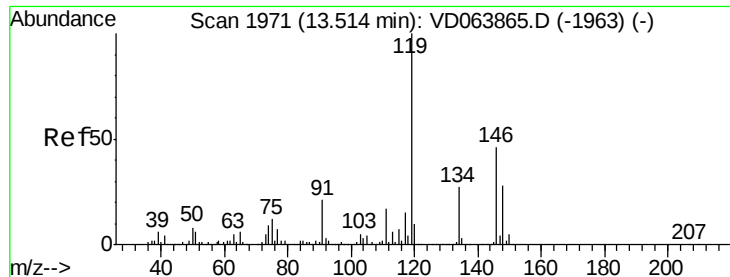
Ion Ratio Lower Upper

119 100

134 26.0 13.9 41.6

91 21.7 11.2 33.5

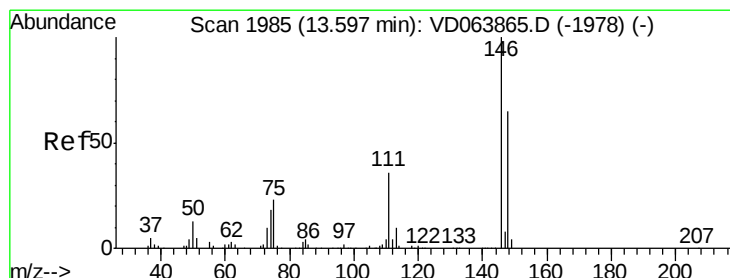
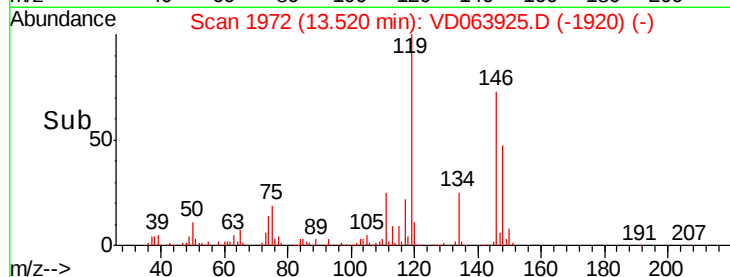
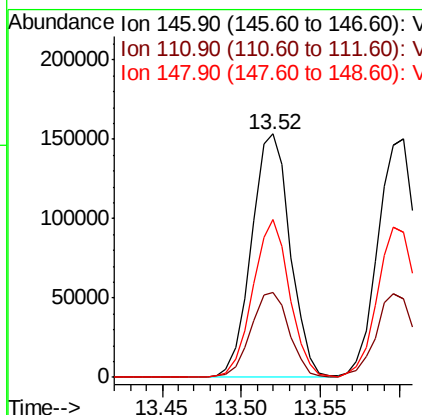
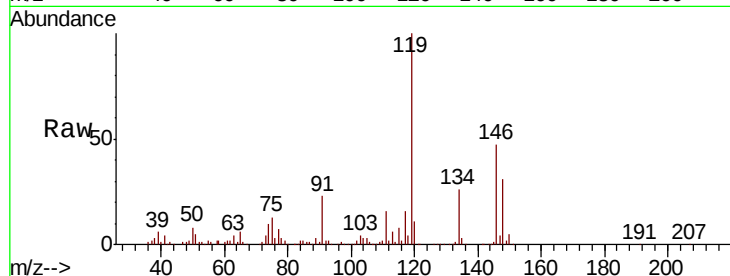




#87
 1,3-Dichlorobenzene
 Concen: 49.334 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

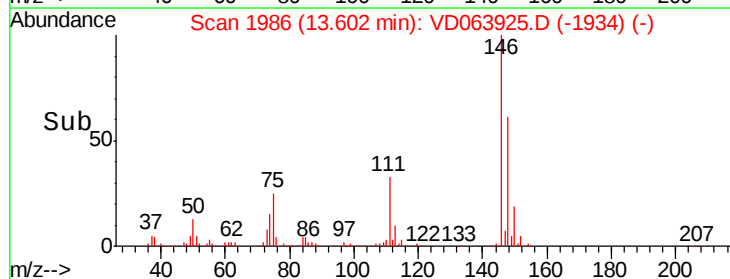
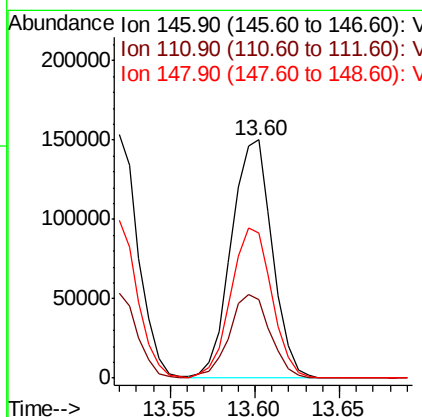
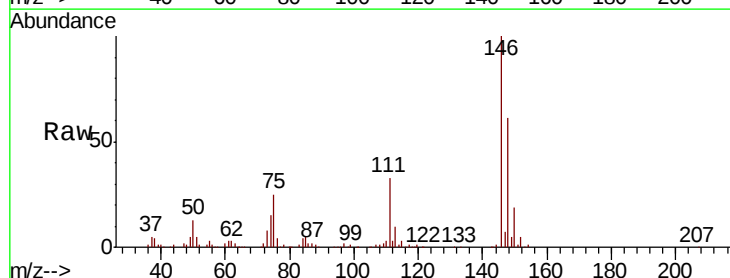
Instrument :
 MSVOA_D
 ClientSampleId :

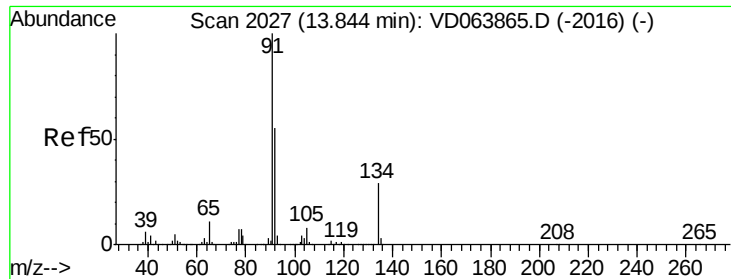
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.3	54.9
148	61.7	31.8	95.4



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

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

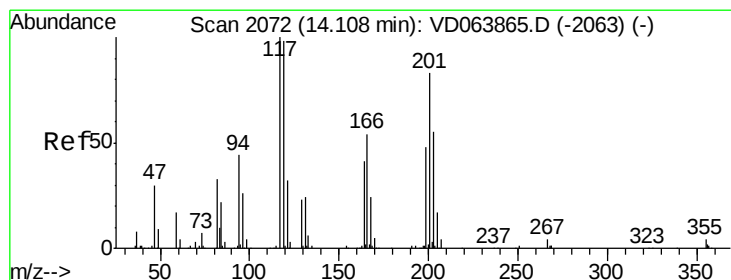
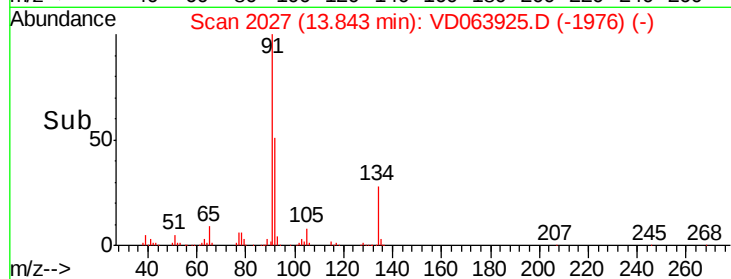
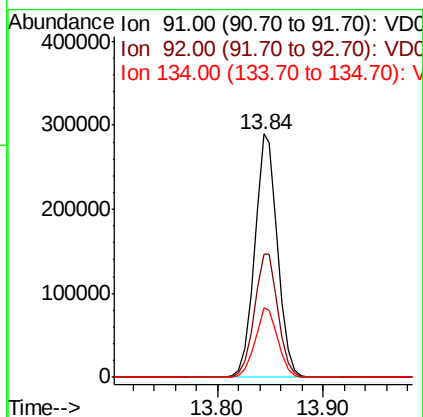
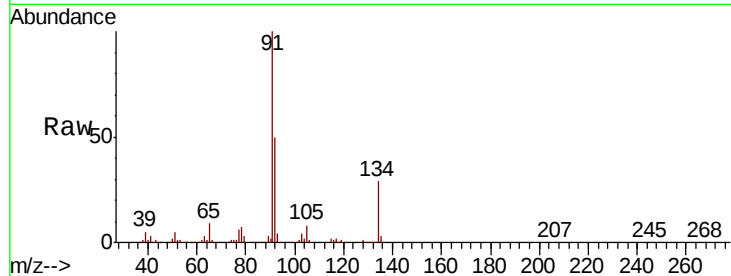




#89
n-Butylbenzene
Concen: 46.026 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

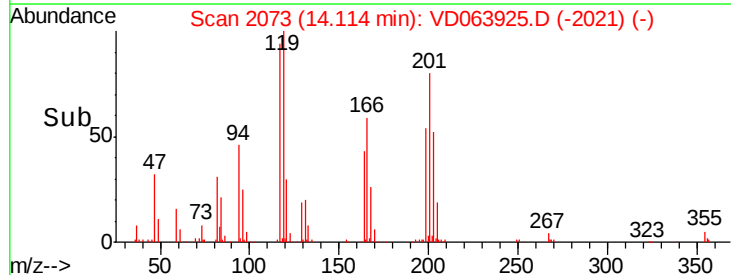
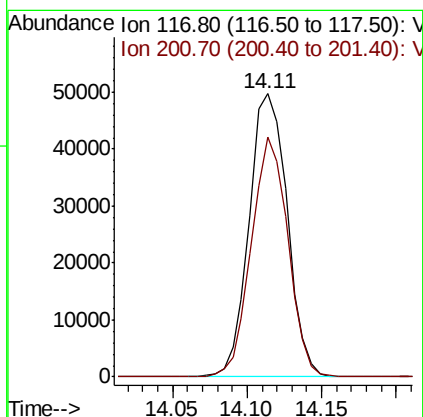
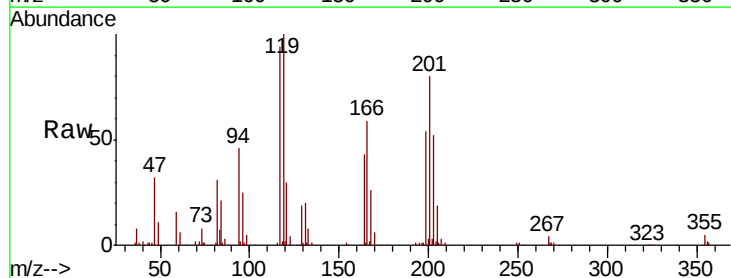
Instrument :
MSVOA_D
ClientSampleId :

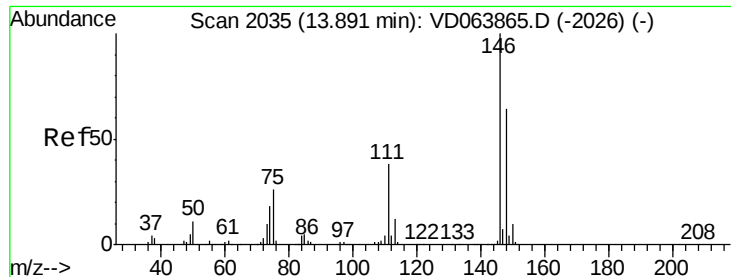
Tot Ion: 91 Resp: 435380
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 28.8 14.4 43.0



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

Tgt Ion: 117 Resp: 87740
Ion Ratio Lower Upper
117 100
201 81.5 40.6 121.7





#91

1,2-Dichlorobenzene

Concen: 49.875 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

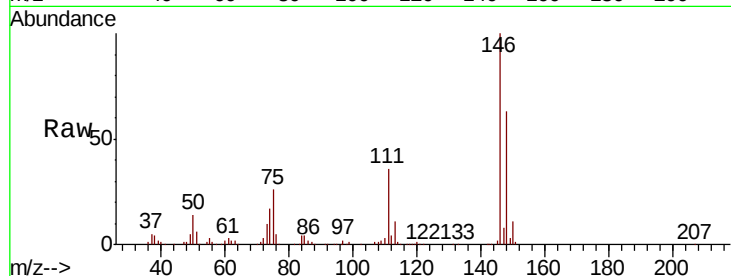
Tot Ion:146 Resp: 226620

Ion Ratio Lower Upper

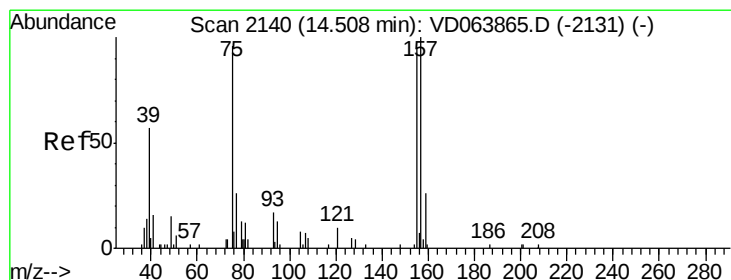
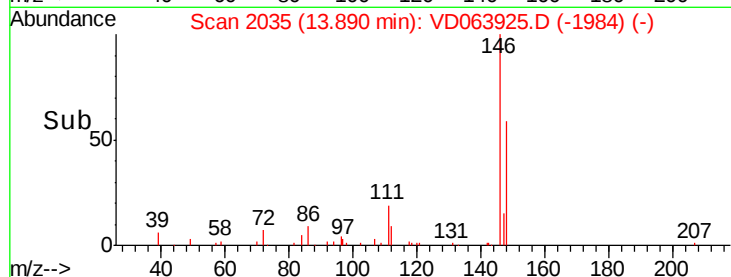
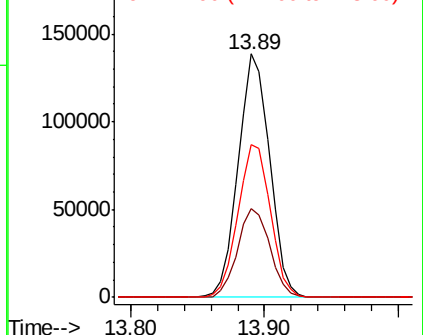
146 100

111 37.2 18.6 55.6

148 64.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.134 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD063925.D

Acq: 10 Oct 2019 22:17

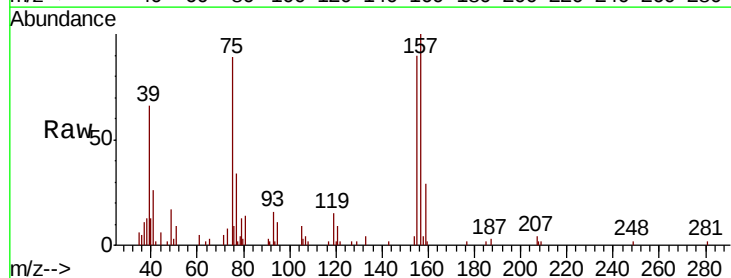
Tgt Ion: 75 Resp: 13965

Ion Ratio Lower Upper

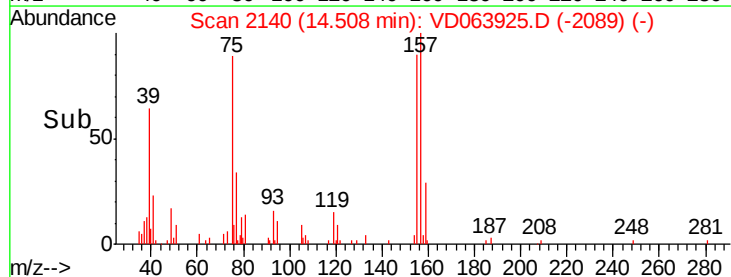
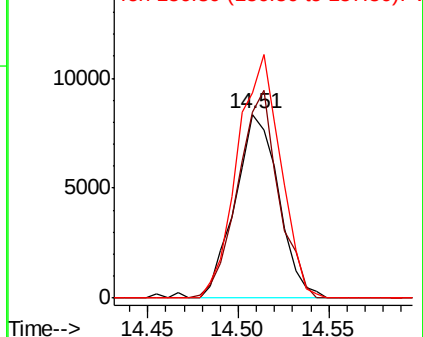
75 100

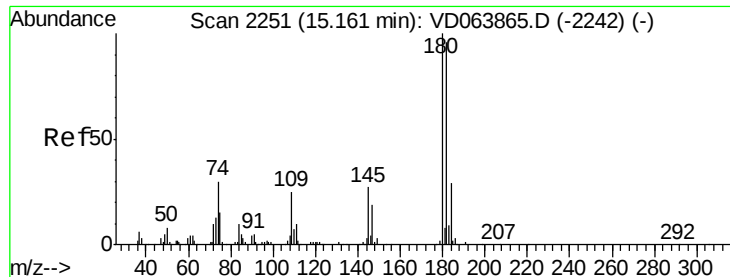
155 105.4 43.9 131.6

157 131.2 56.0 167.9



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

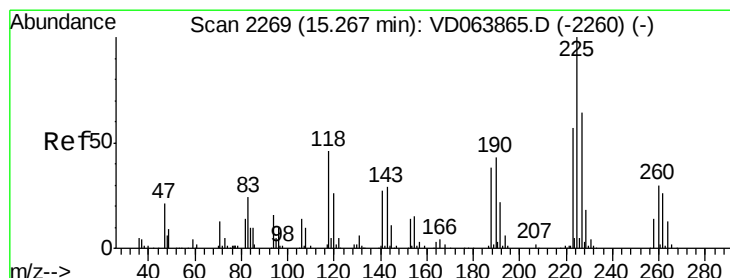
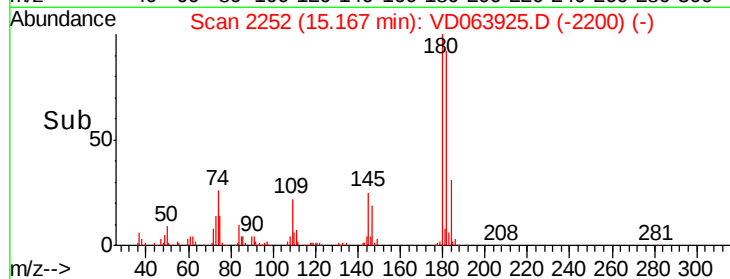
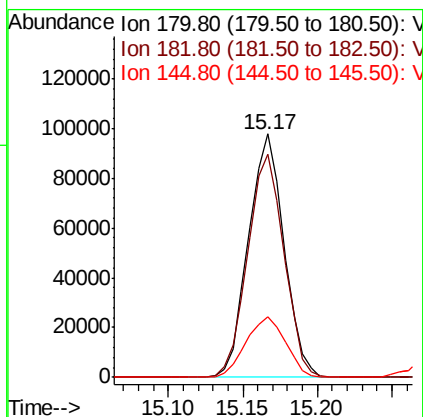
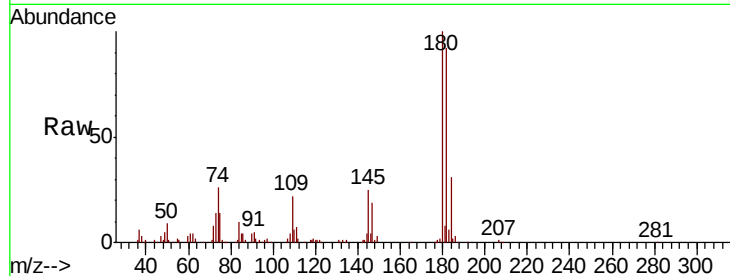




#93
 1,2,4-Trichlorobenzene
 Concen: 45.921 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD063925.D
 Acq: 10 Oct 2019 22:17

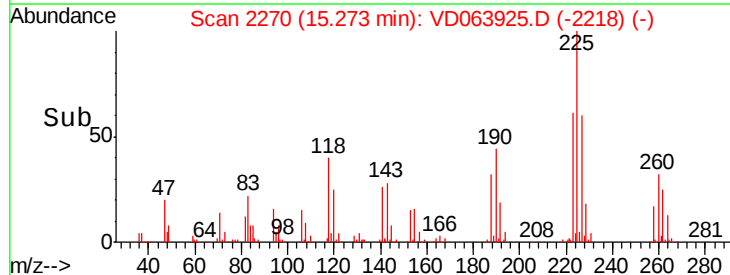
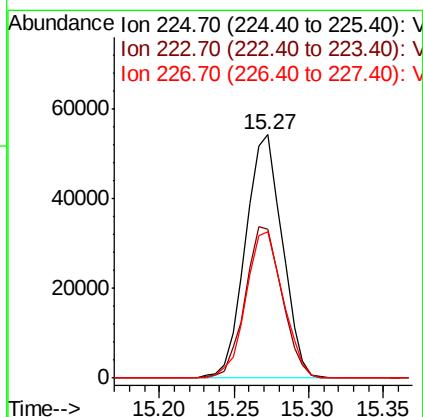
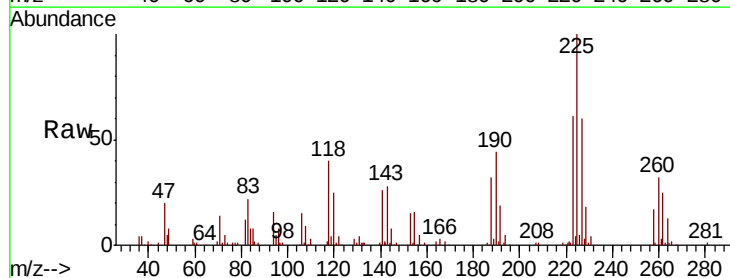
Instrument :
 MSVOA_D
 ClientSampleId :

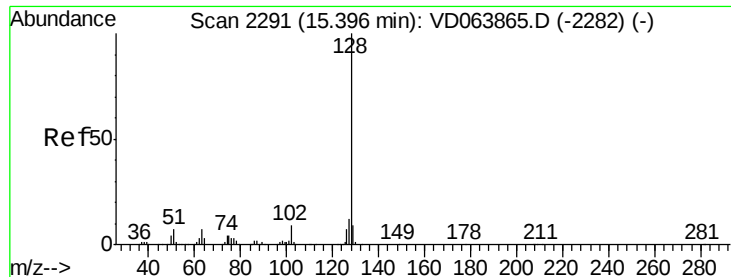
Tot Ion:180 Resp: 160999
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.4 142.3
 145 27.9 13.9 41.7



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

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

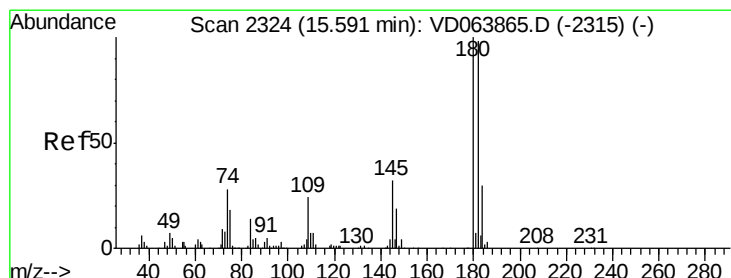
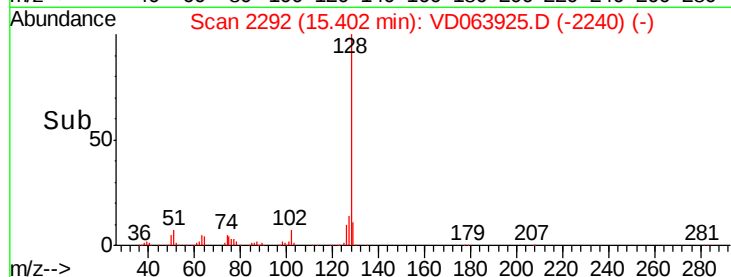
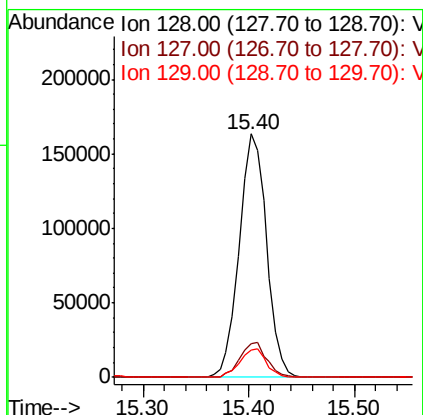
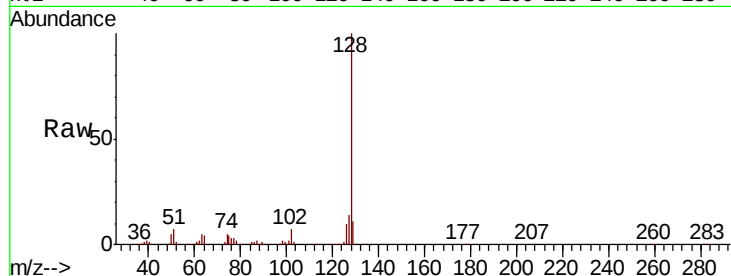




#95
Naphthalene
Concen: 49.643 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063925.D
Acq: 10 Oct 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 292535
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.4 8.6 13.0



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

Tgt Ion:180 Resp: 145080
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 29.6 15.3 45.9

