

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065498.D
 Acq On : 13 Mar 2020 10:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 16 01:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	653028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	608499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	308171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	185511	45.08	ug/l	0.00
Spiked Amount						
			Recovery	=	90.16%	
35) Dibromofluoromethane	7.92	113	203014	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	
50) Toluene-d8	10.34	98	778382	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.64	95	247446	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	169537	41.121	ug/l	96
3) Chloromethane	2.21	50	206544	41.494	ug/l	99
4) Vinyl Chloride	2.35	62	217632	44.327	ug/l	99
5) Bromomethane	2.77	94	126350	45.497	ug/l	99
6) Chloroethane	2.92	64	136642	45.442	ug/l	100
7) Trichlorofluoromethane	3.27	101	339488	46.927	ug/l	97
8) Diethyl Ether	3.71	74	97384	45.266	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	222061	47.660	ug/l	99
10) Methyl Iodide	4.29	142	221315	45.721	ug/l	100
11) Tert butyl alcohol	5.25	59	53905	228.373	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	204941	45.935	ug/l	97
13) Acrolein	3.92	56	99657	244.811	ug/l	99
14) Allyl chloride	4.71	41	302244	44.100	ug/l	99
15) Acrylonitrile	5.43	53	213227	227.823	ug/l	100
16) Acetone	4.16	43	230214	276.621	ug/l	98
17) Carbon Disulfide	4.40	76	651132	43.825	ug/l	99
18) Methyl Acetate	4.72	43	94528	44.777	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	400824	46.718	ug/l	97
20) Methylene Chloride	4.96	84	221696	48.983	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	233276	47.003	ug/l	98
22) Diisopropyl ether	6.37	45	618756	48.566	ug/l	97
23) Vinyl Acetate	6.31	43	1725973	243.982	ug/l	100
24) 1,1-Dichloroethane	6.26	63	383386	46.915	ug/l	97
25) 2-Butanone	7.22	43	274890	242.042	ug/l	96
26) 2,2-Dichloropropane	7.21	77	343949	48.163	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	241060	47.519	ug/l	99
28) Bromochloromethane	7.55	49	156969	48.010	ug/l	100
29) Tetrahydrofuran	7.57	42	166663	229.792	ug/l	97
30) Chloroform	7.71	83	394672	48.319	ug/l	99
31) Cyclohexane	7.98	56	366287	44.825	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	359293	47.599	ug/l	98
36) 1,1-Dichloropropene	8.11	75	321791	51.407	ug/l	98
37) Ethyl Acetate	7.30	43	123330	50.974	ug/l	98
38) Carbon Tetrachloride	8.10	117	338144	52.093	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	388371	51.369	ug/l	94
40) Benzene	8.36	78	903385	51.617	ug/l	99
41) Methacrylonitrile	7.53	41	58841	45.986	ug/l	95
42) 1,2-Dichloroethane	8.43	62	233921	51.184	ug/l	100
43) Isopropyl Acetate	8.46	43	216758	48.520	ug/l	99
44) Trichloroethene	9.11	130	253742	51.338	ug/l	99
45) 1,2-Dichloropropane	9.39	63	219701	51.822	ug/l	94
46) Dibromomethane	9.48	93	114465	52.052	ug/l	97
47) Bromodichloromethane	9.67	83	301618	52.721	ug/l	98
48) Methyl methacrylate	9.46	41	102733	48.888	ug/l	98
49) 1,4-Dioxane	9.47	88	25778	1024.806	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	591783	263.238	ug/l	100
52) Toluene	10.41	92	583575	52.929	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	274414	51.328	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	335758	51.884	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	161773	51.940	ug/l	99
56) Ethyl methacrylate	10.67	69	185463	52.820	ug/l	98
57) 1,3-Dichloropropane	10.95	76	271677	51.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	254589	232.147	ug/l	100
59) 2-Hexanone	10.99	43	438501	281.774	ug/l	99
60) Dibromochloromethane	11.14	129	208333	52.182	ug/l	98
61) 1,2-Dibromoethane	11.25	107	155933	52.487	ug/l	96
64) Tetrachloroethene	10.88	164	222890	51.118	ug/l	99
65) Chlorobenzene	11.67	112	611851	50.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	223294	50.916	ug/l	99
67) Ethyl Benzene	11.75	91	1096801	52.715	ug/l	99
68) m/p-Xylenes	11.86	106	851338	106.116	ug/l	99
69) o-Xylene	12.18	106	369350	52.338	ug/l	98
70) Styrene	12.20	104	669875	53.935	ug/l	99
71) Bromoform	12.37	173	125746	51.046	ug/l #	100
73) Isopropylbenzene	12.48	105	1044529	51.531	ug/l	100
74) N-amyl acetate	12.30	43	197991	47.712	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	172109	48.305	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	224254	92.220	ug/l #	100
77) Bromobenzene	12.77	156	250023	49.647	ug/l	99
78) n-propylbenzene	12.83	91	1253763	52.131	ug/l	100
79) 2-Chlorotoluene	12.91	91	686288	50.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	866741	52.012	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	57382	49.797	ug/l	98
82) 4-Chlorotoluene	13.01	91	717390	50.367	ug/l	99
83) tert-Butylbenzene	13.23	119	724723	51.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	867498	52.812	ug/l	100
85) sec-Butylbenzene	13.41	105	1052317	52.292	ug/l	99
86) p-Isopropyltoluene	13.53	119	985802	53.685	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	487641	50.365	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	472081	49.016	ug/l	99
89) n-Butylbenzene	13.86	91	883597	52.049	ug/l	99
90) Hexachloroethane	14.12	117	189885	50.213	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	413790	50.221	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25083	46.225	ug/l	99

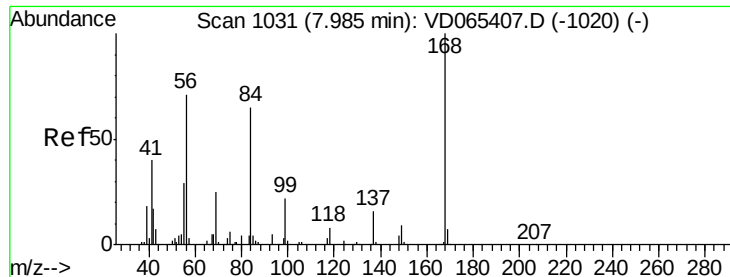
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278250	49.826	ug/l	100
94) Hexachlorobutadiene	15.28	225	188076	51.256	ug/l	98
95) Naphthalene	15.41	128	447281	45.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	248983	51.595	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

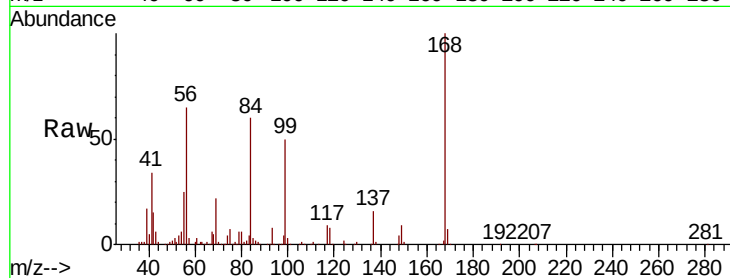
ClientSampled :

Tot Ion:168 Resp: 479725

Ion Ratio Lower Upper

168 100

99 50.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

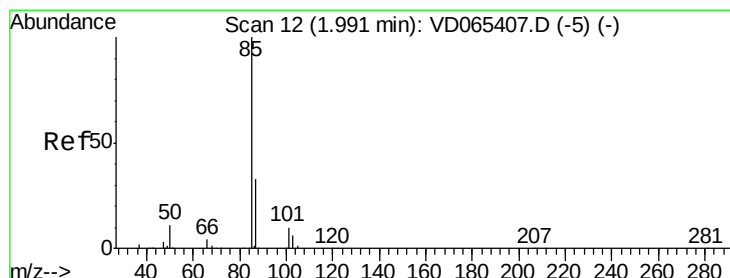
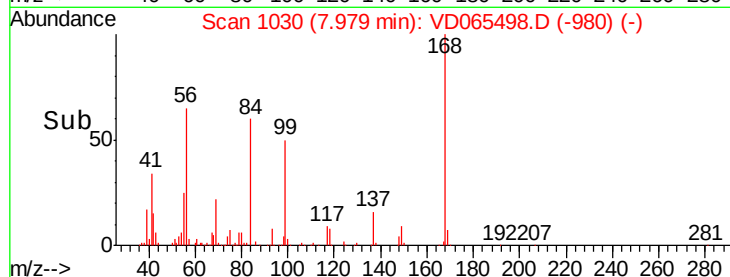
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.121 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065498.D

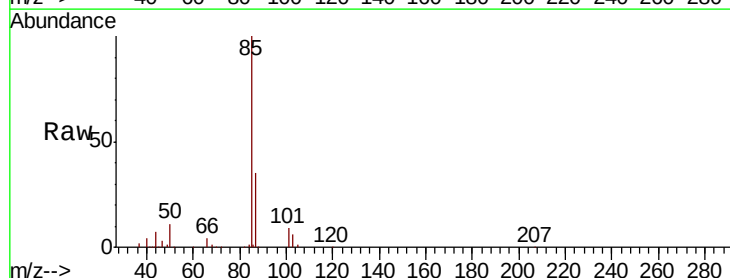
Acq: 13 Mar 2020 10:38

Tgt Ion: 85 Resp: 169537

Ion Ratio Lower Upper

85 100

87 34.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

50000

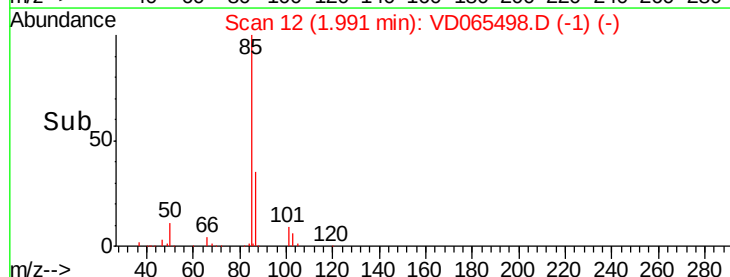
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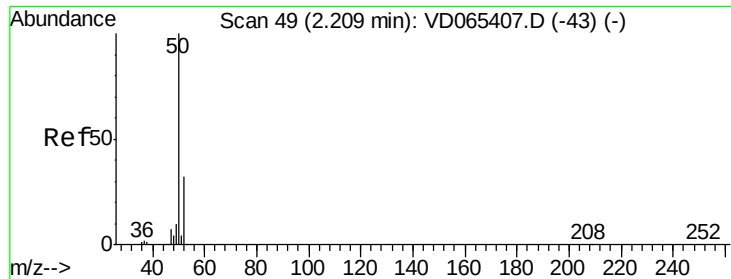
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 41.494 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

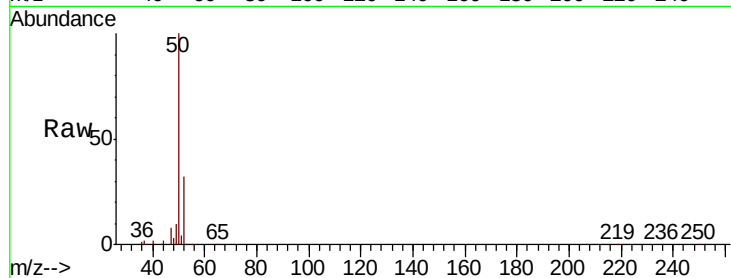
ClientSampleId :

Tot Ion: 50 Resp: 206544

Ion Ratio Lower Upper

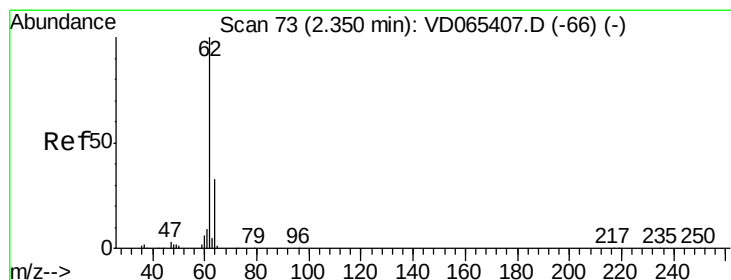
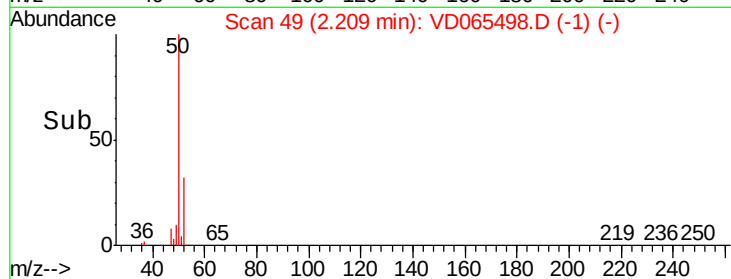
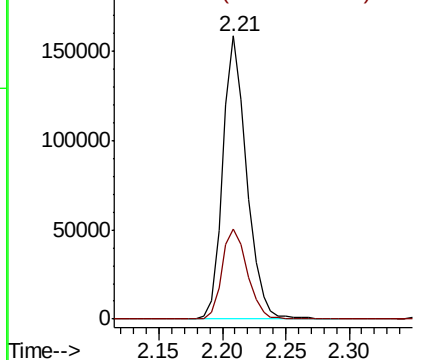
50 100

52 31.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.327 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065498.D

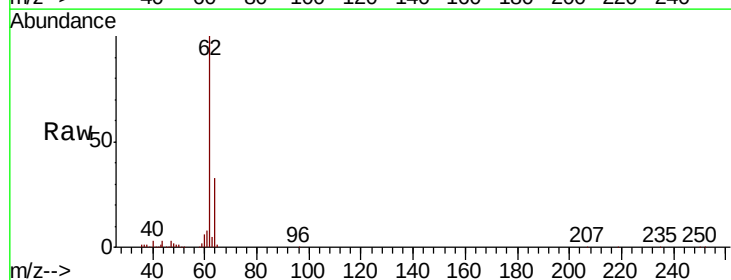
Acq: 13 Mar 2020 10:38

Tgt Ion: 62 Resp: 217632

Ion Ratio Lower Upper

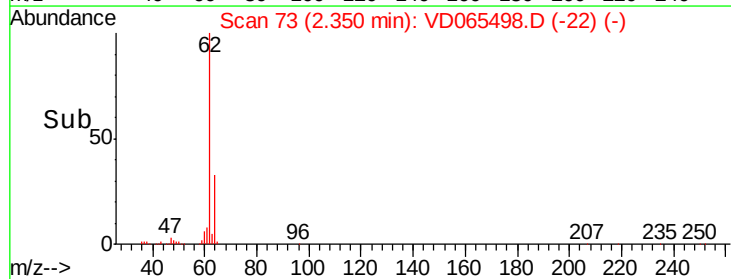
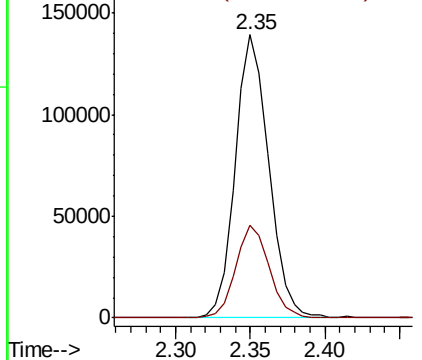
62 100

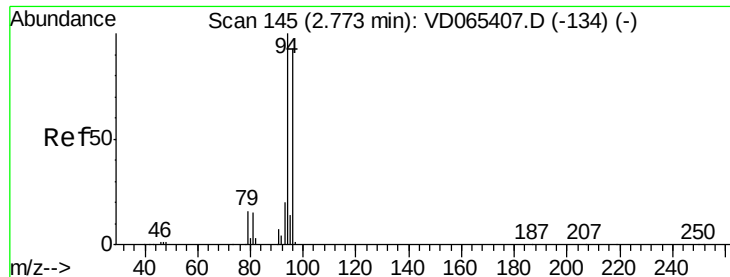
64 32.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.497 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

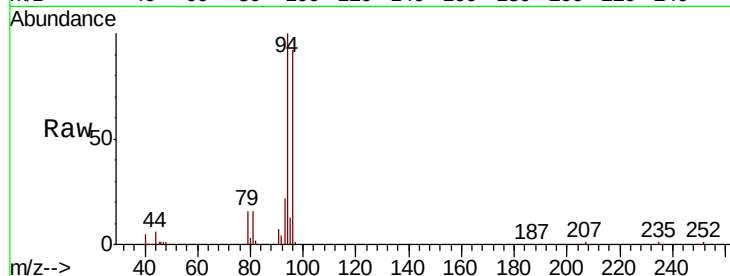
ClientSampleId :

Tot Ion: 94 Resp: 126350

Ion Ratio Lower Upper

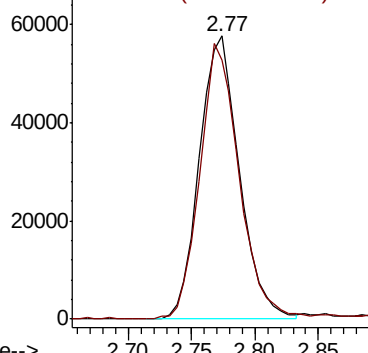
94 100

96 91.6 74.4 111.6

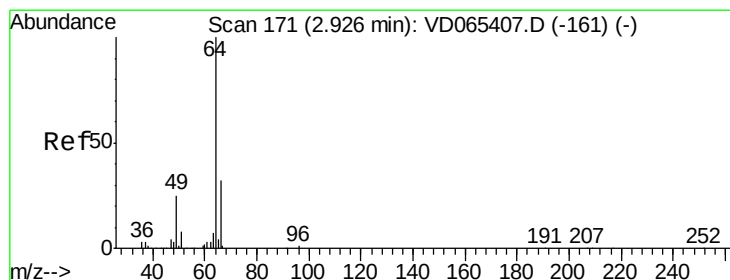
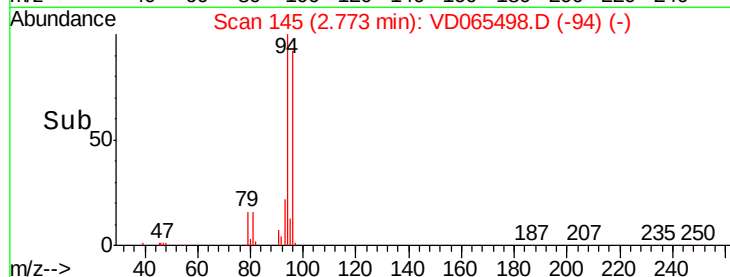


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 45.442 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065498.D

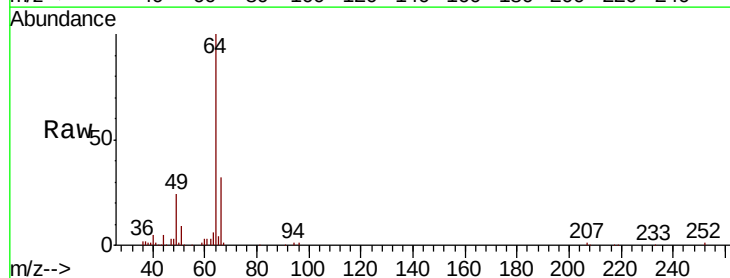
Acq: 13 Mar 2020 10:38

Tgt Ion: 64 Resp: 136642

Ion Ratio Lower Upper

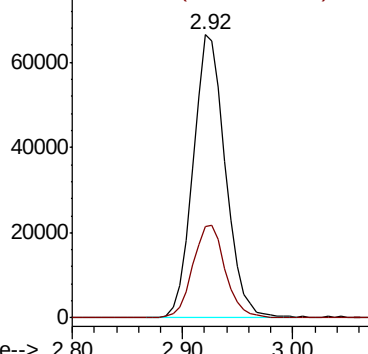
64 100

66 32.1 25.6 38.4

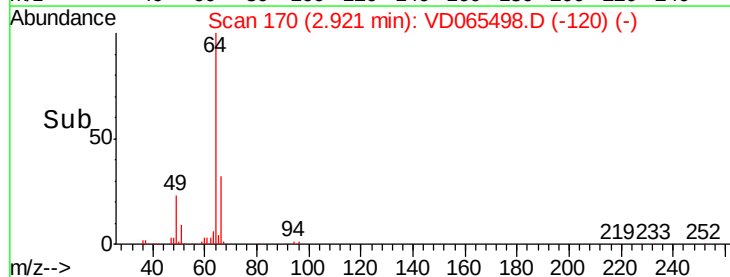


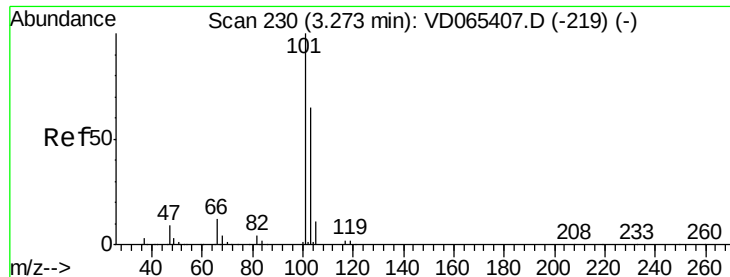
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->



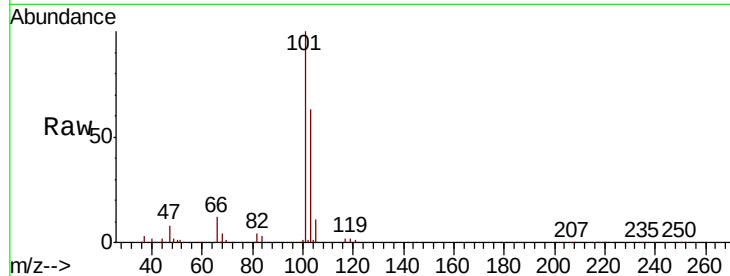


#7

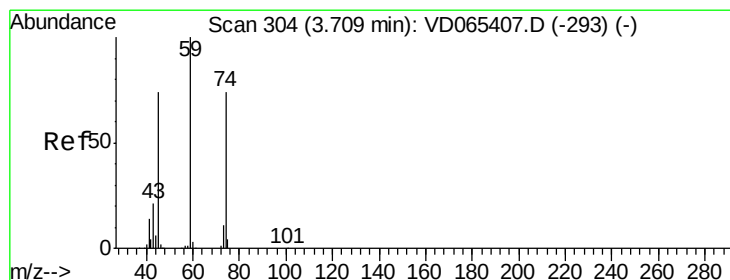
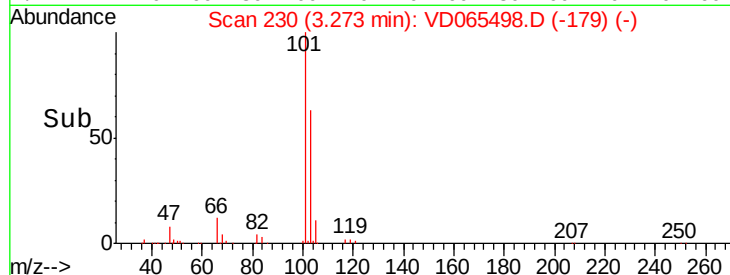
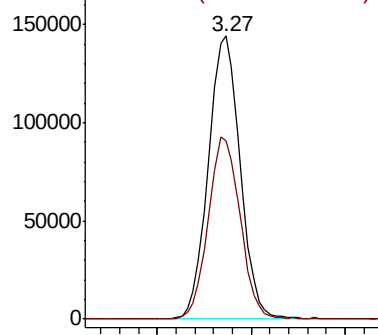
Trichlorofluoromethane
 Concen: 46.927 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 339488
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.1 78.1



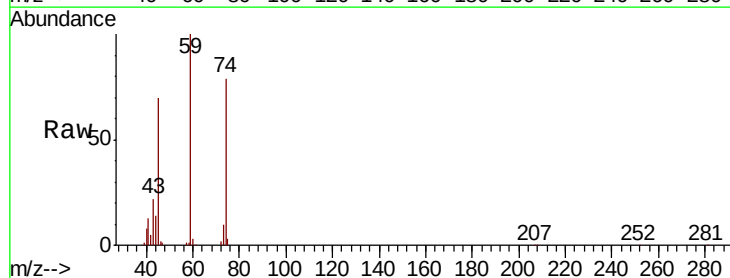
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



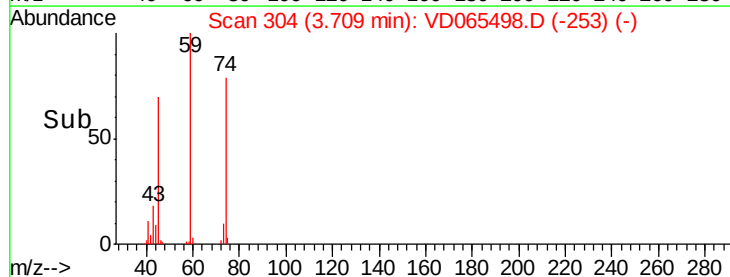
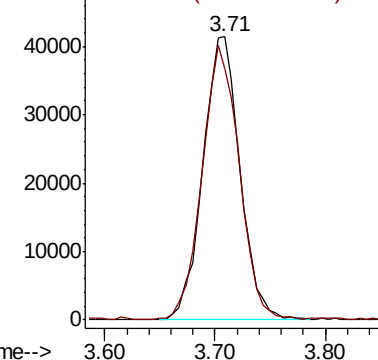
#8

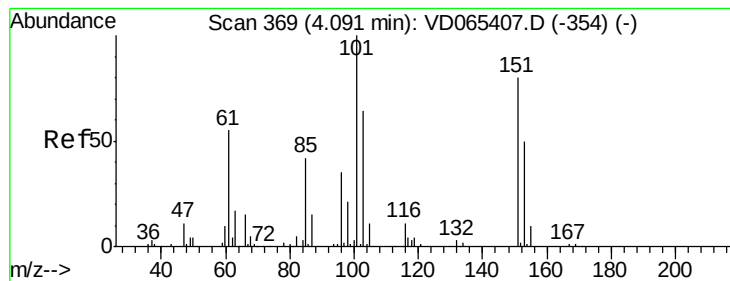
Diethyl Ether
 Concen: 45.266 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion: 74 Resp: 97384
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.5 148.5



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: 47.660 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

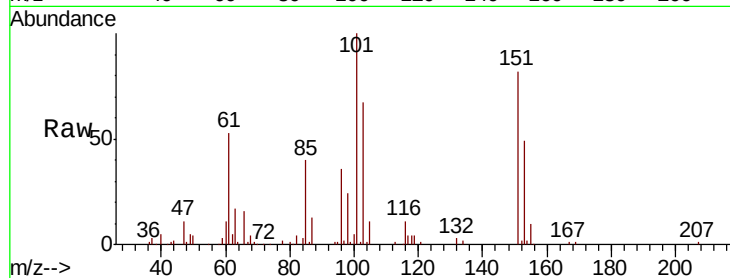
Tot Ion:101 Resp: 222061

Ion Ratio Lower Upper

101 100

85 40.8 34.2 51.2

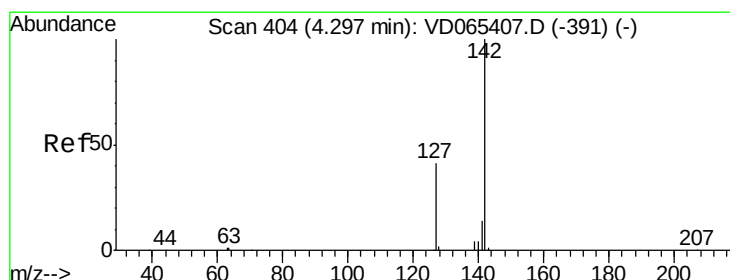
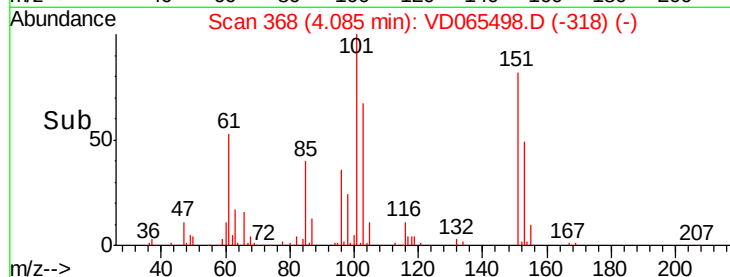
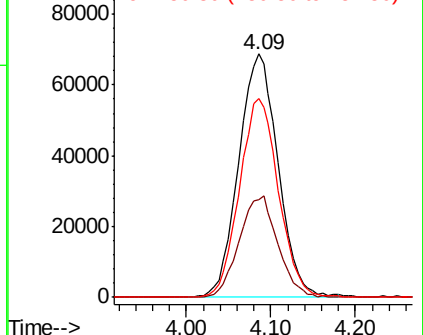
151 81.2 65.1 97.7



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: 45.721 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

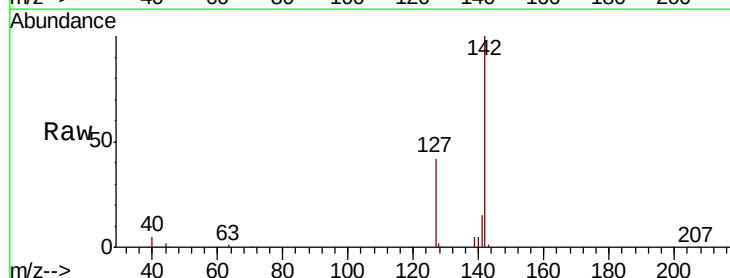
Tgt Ion:142 Resp: 221315

Ion Ratio Lower Upper

142 100

127 44.0 35.0 52.6

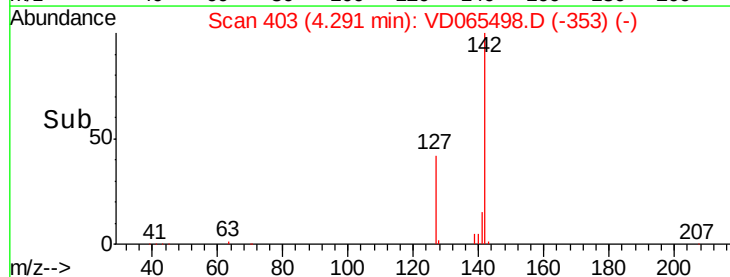
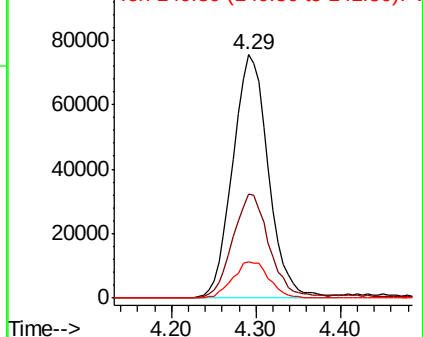
141 15.2 12.4 18.6

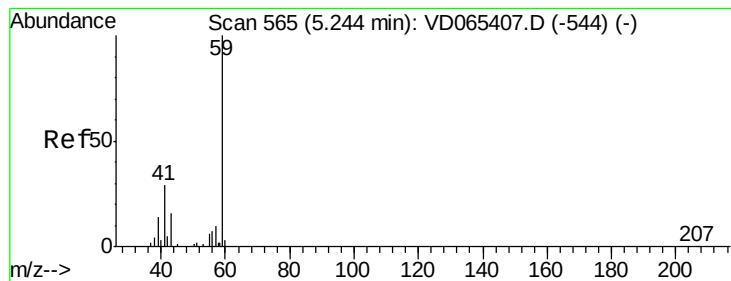


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 228.373 ug/l

RT: 5.25 min Scan# 566

Delta R.T. 0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

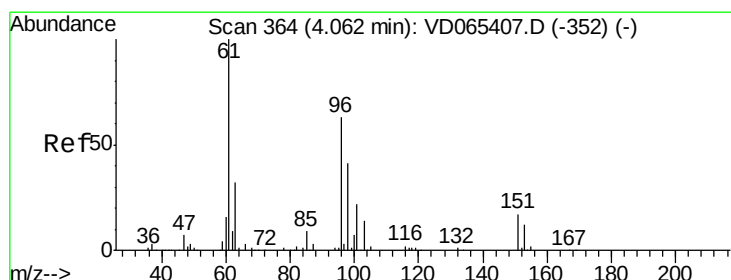
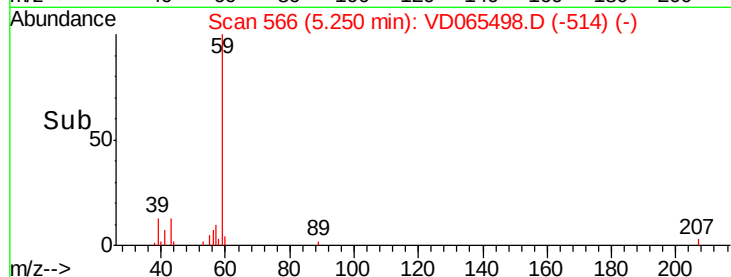
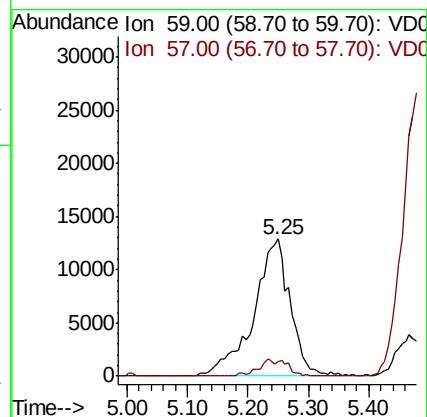
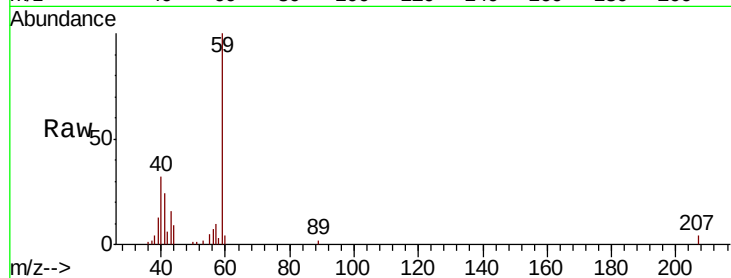
ClientSampled :

Tot Ion: 59 Resp: 53905

Ion Ratio Lower Upper

59 100

57 5.5 6.9 10.3#



#12

1,1-Dichloroethene

Concen: 45.935 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

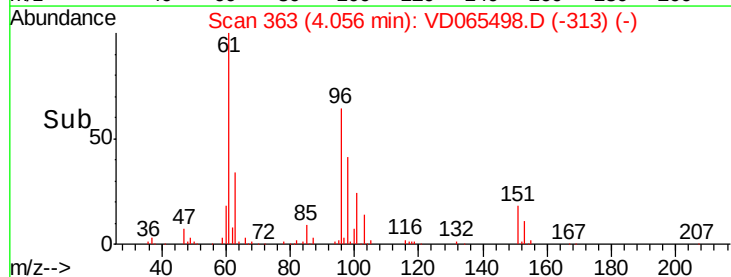
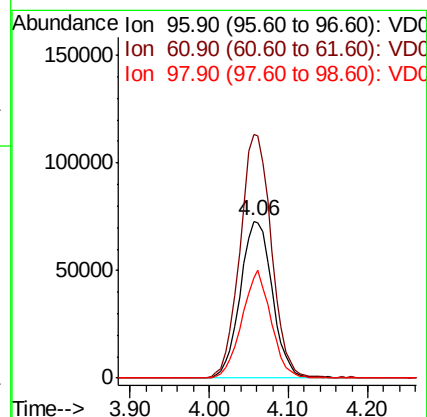
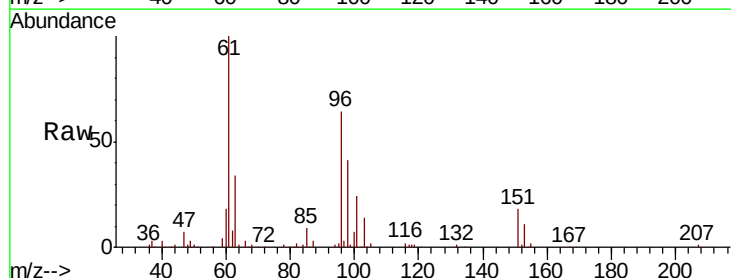
Tgt Ion: 96 Resp: 204941

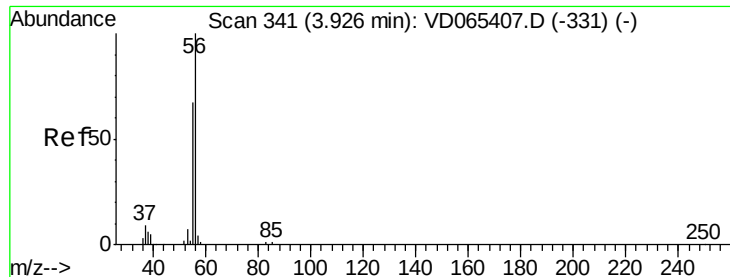
Ion Ratio Lower Upper

96 100

61 155.3 128.0 192.0

98 63.7 51.9 77.9





#13

Acrolein

Concen: 244.811 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

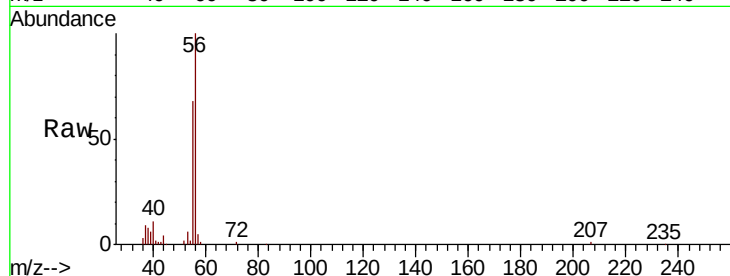
ClientSampled :

Tot Ion: 56 Resp: 99657

Ion Ratio Lower Upper

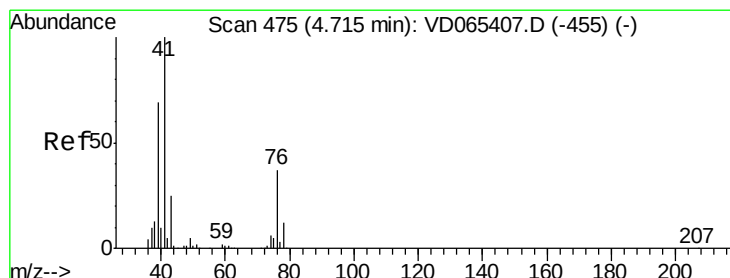
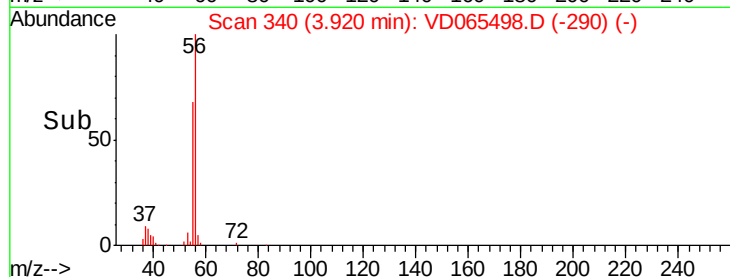
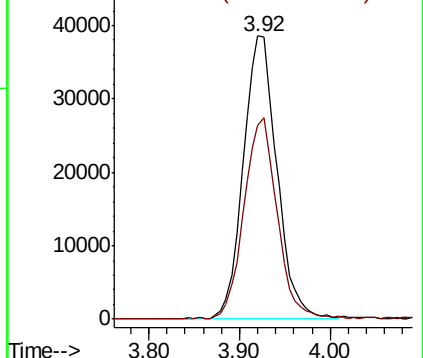
56 100

55 70.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.100 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

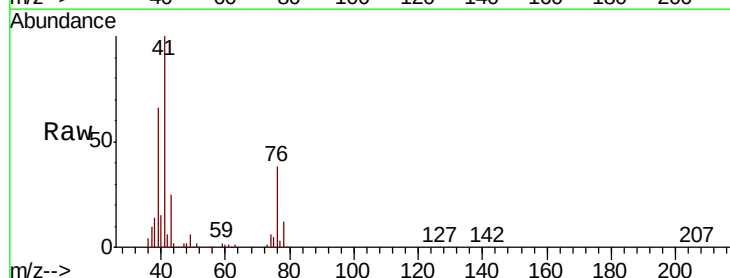
Tgt Ion: 41 Resp: 302244

Ion Ratio Lower Upper

41 100

39 65.4 52.6 79.0

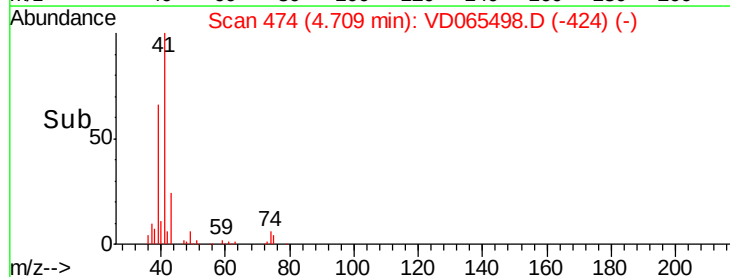
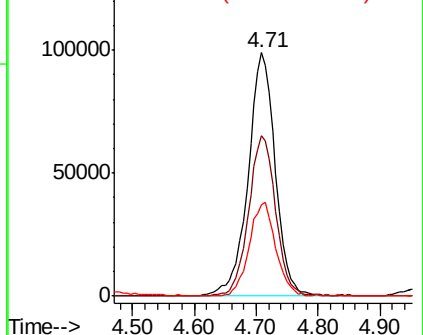
76 36.9 29.2 43.8

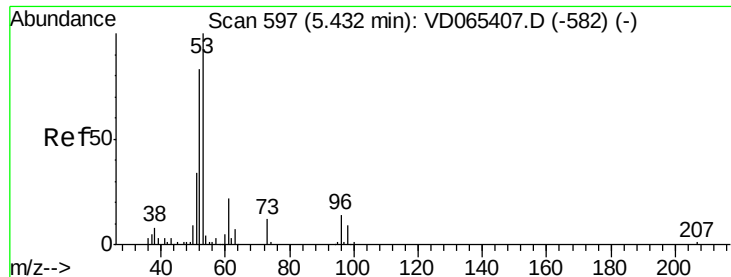


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 227.823 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampled :

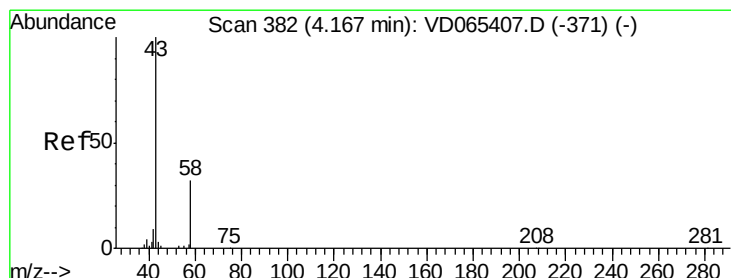
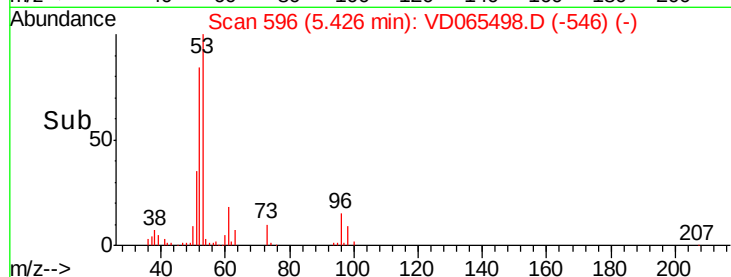
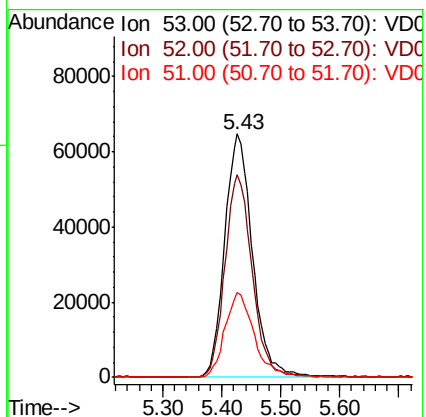
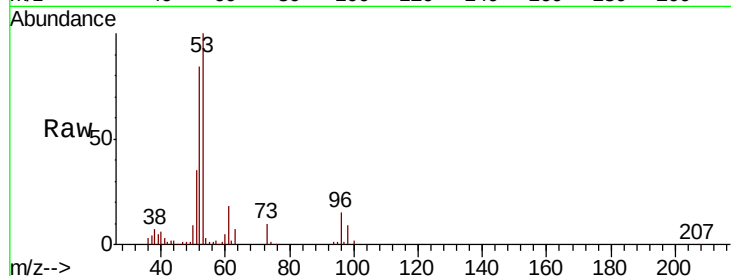
Tot Ion: 53 Resp: 213227

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

51 36.5 28.5 42.7



#16

Acetone

Concen: 276.621 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065498.D

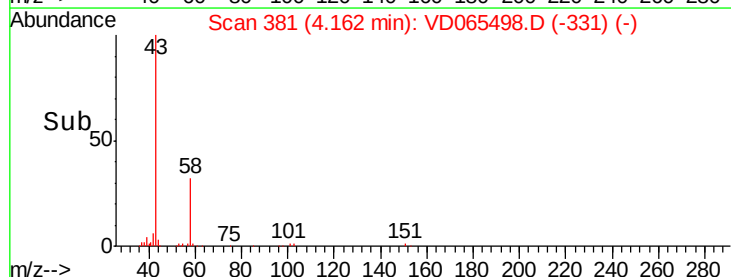
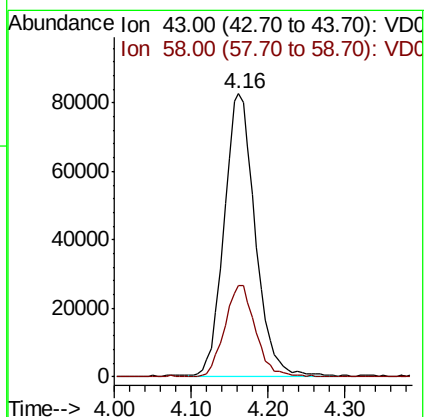
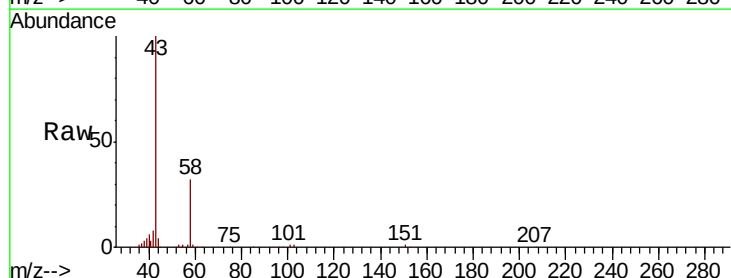
Acq: 13 Mar 2020 10:38

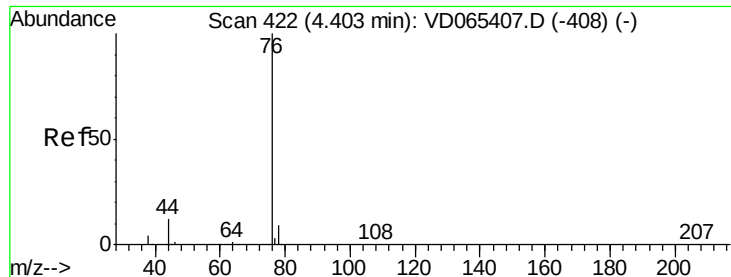
Tgt Ion: 43 Resp: 230214

Ion Ratio Lower Upper

43 100

58 32.5 25.1 37.7

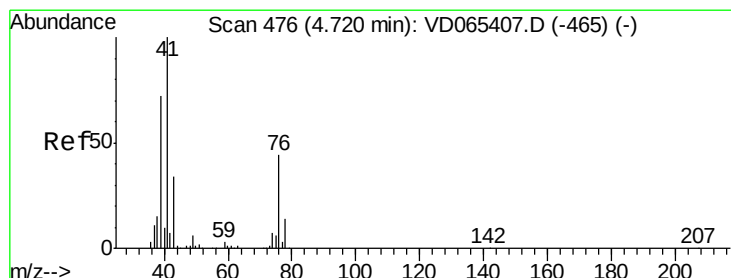
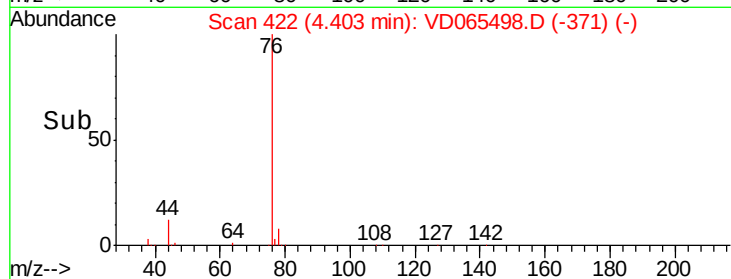
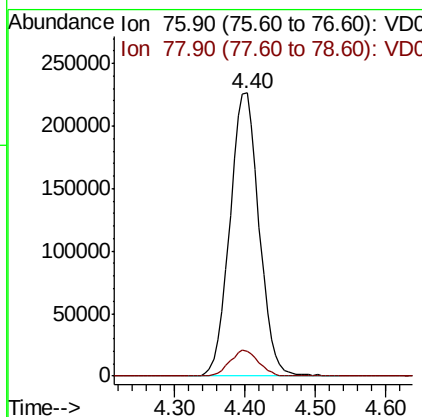
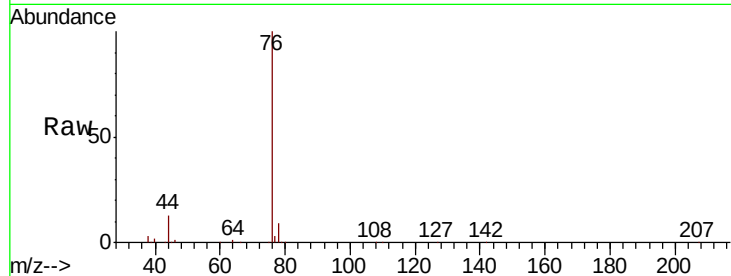




#17
Carbon Disulfide
Concen: 43.825 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

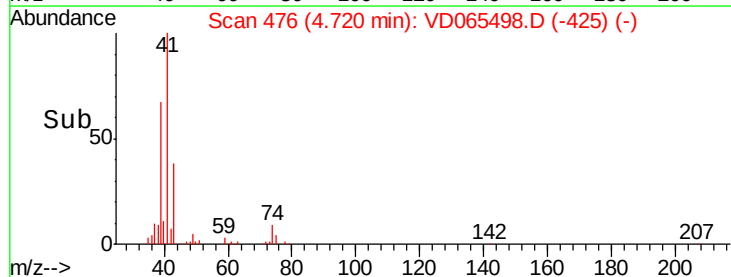
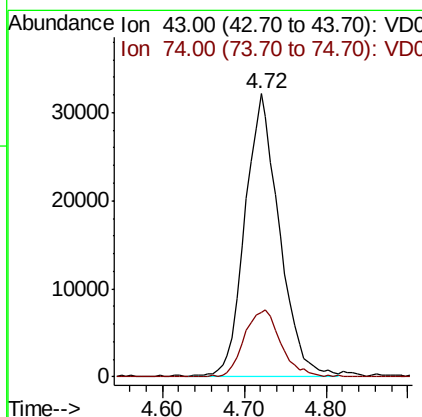
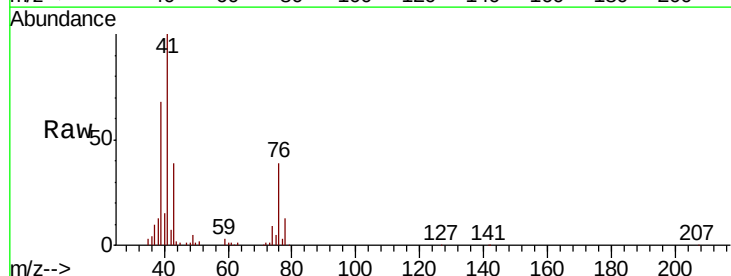
Instrument :
MSVOA_D
ClientSampleId :

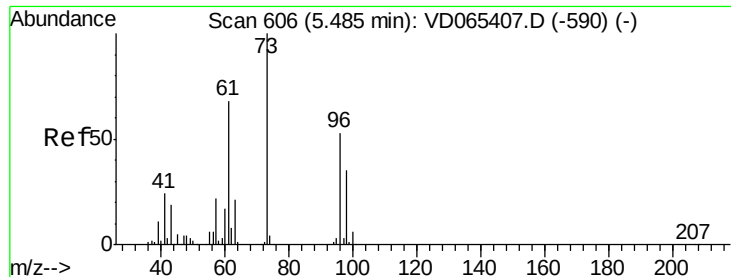
Tot Ion: 76 Resp: 651132
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 44.777 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 43 Resp: 94528
Ion Ratio Lower Upper
43 100
74 24.7 19.6 29.4

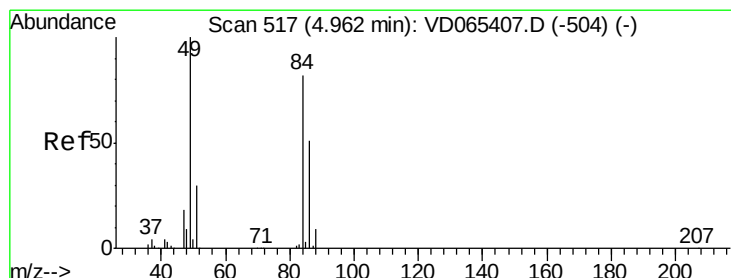
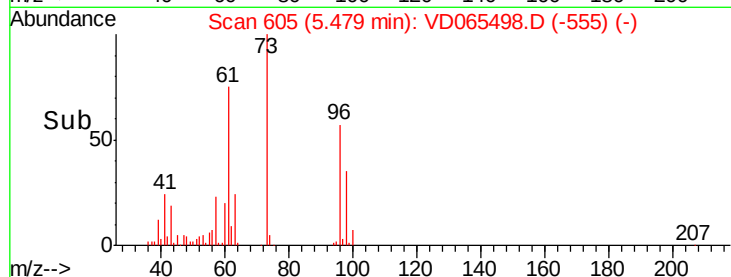
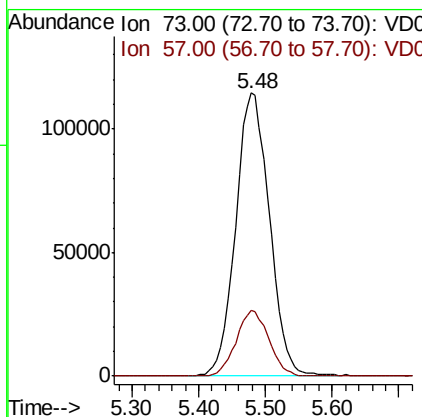
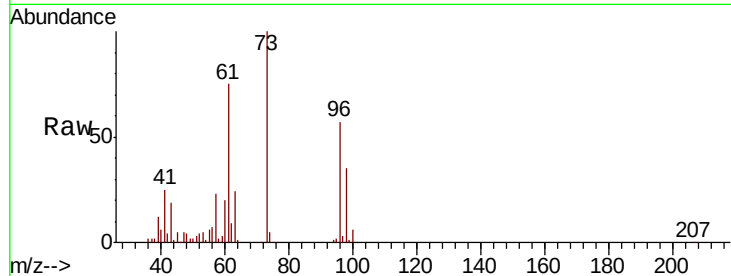




#19
Methyl tert-butyl Ether
Concen: 46.718 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

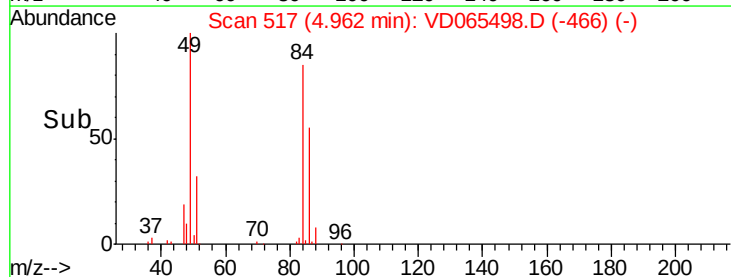
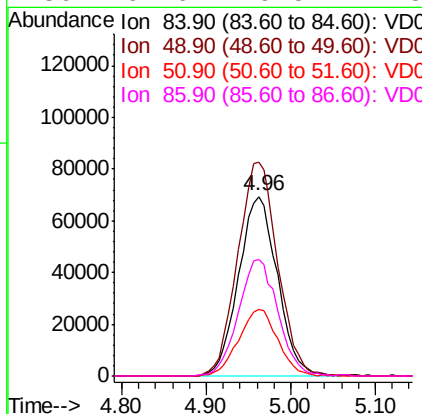
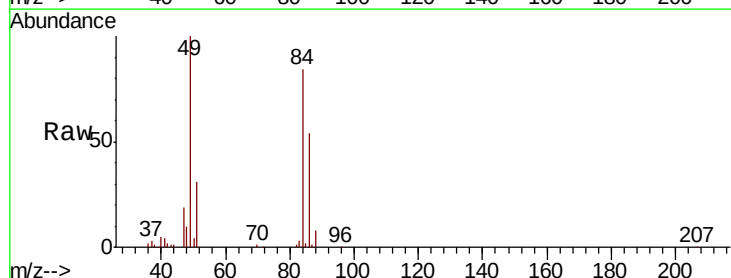
Instrument :
MSVOA_D
ClientSampleId :

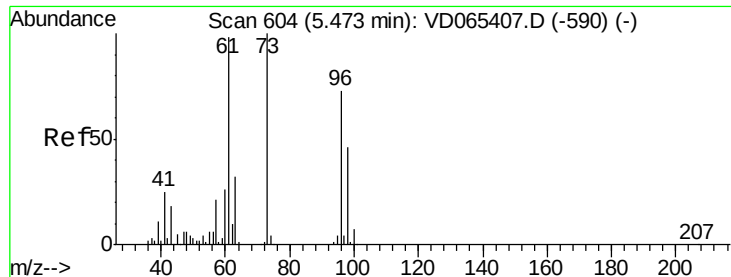
Tot Ion: 73 Resp: 400824
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9



#20
Methylene Chloride
Concen: 48.983 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 84 Resp: 221696
Ion Ratio Lower Upper
84 100
49 119.1 97.7 146.5
51 37.4 28.8 43.2
86 64.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.003 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampled :

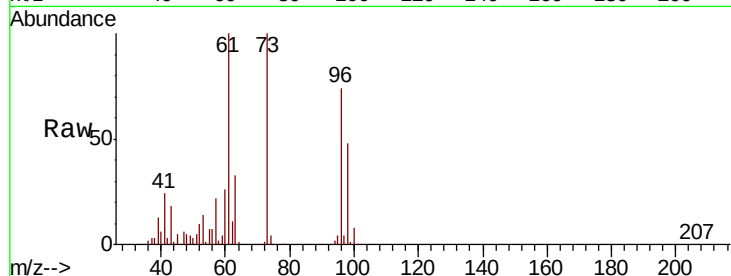
Tot Ion: 96 Resp: 233276

Ion Ratio Lower Upper

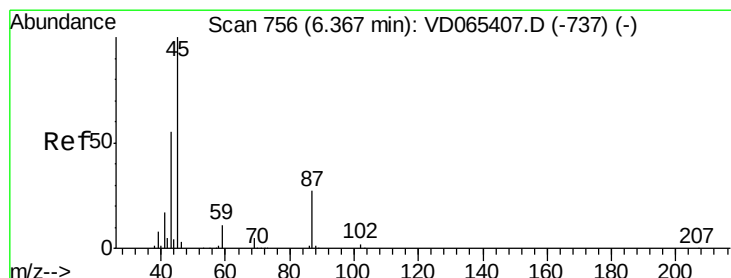
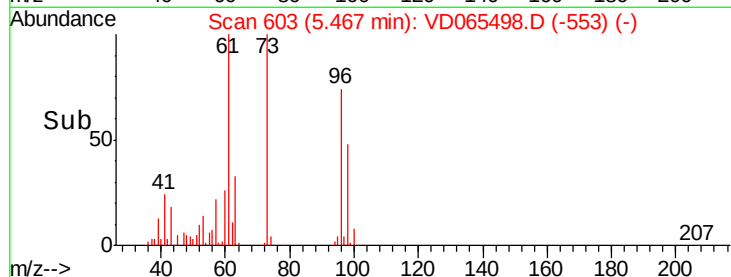
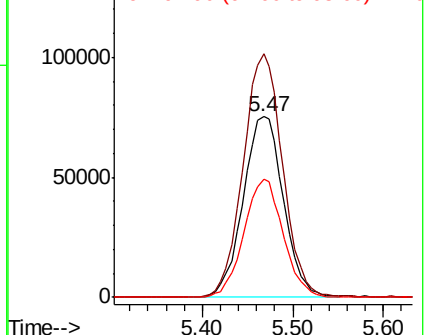
96 100

61 134.8 106.3 159.5

98 65.4 50.2 75.4



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



#22

Diisopropyl ether

Concen: 48.566 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Tgt Ion: 45 Resp: 618756

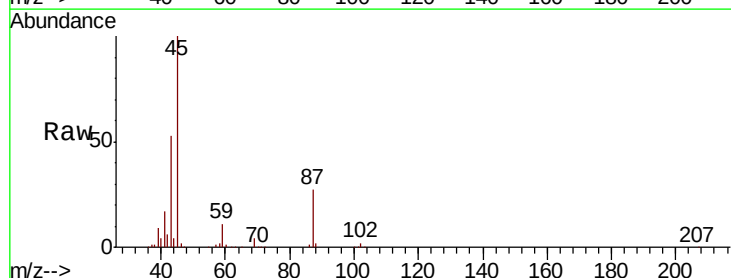
Ion Ratio Lower Upper

45 100

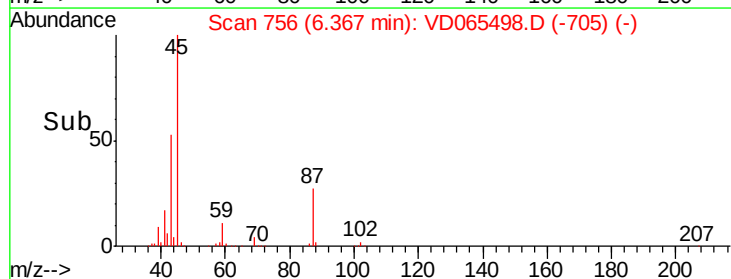
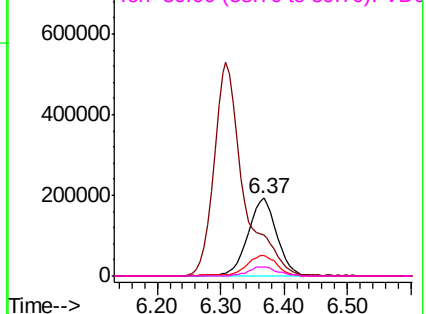
43 52.4 44.4 66.6

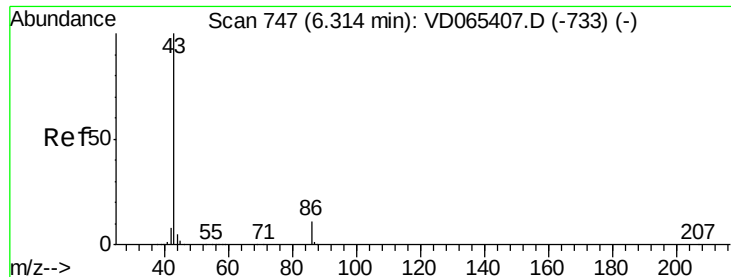
87 26.7 21.9 32.9

59 11.4 9.2 13.8



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





#23

Vinyl Acetate

Concen: 243.982 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

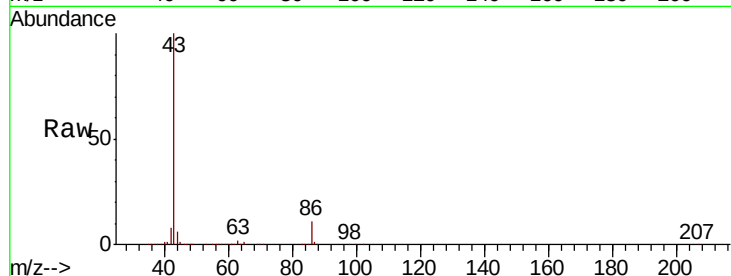
ClientSampleId :

Tot Ion: 43 Resp: 1725973

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

500000

400000

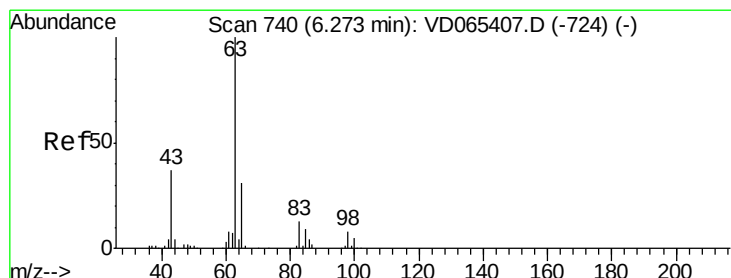
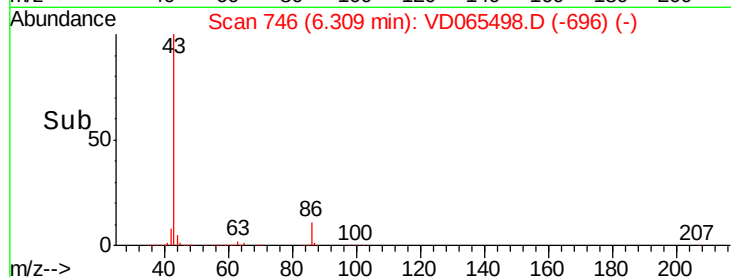
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.915 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

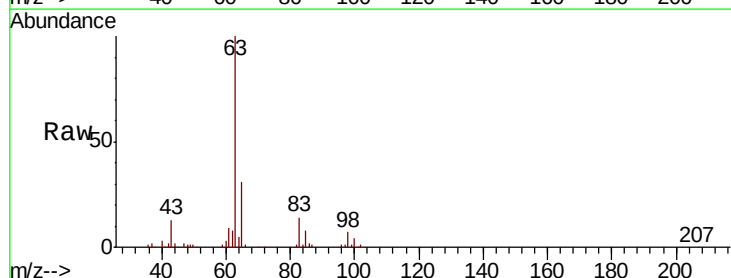
Tgt Ion: 63 Resp: 383386

Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

100 3.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

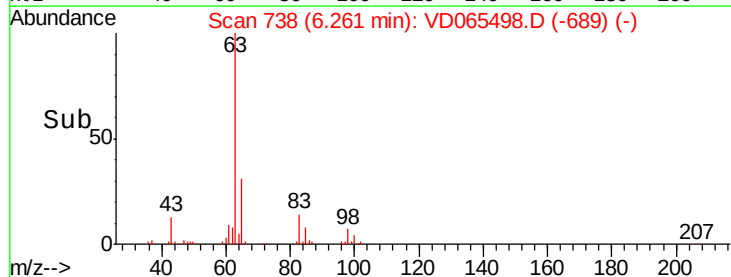
150000

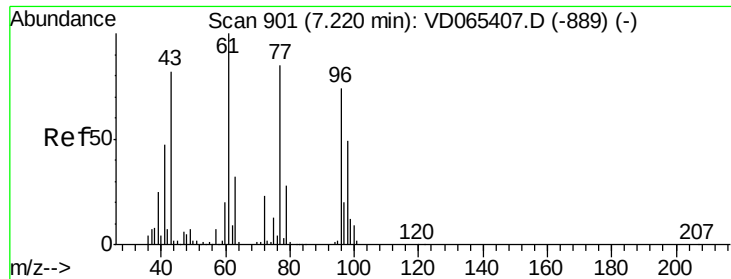
100000

50000

0

Time-->

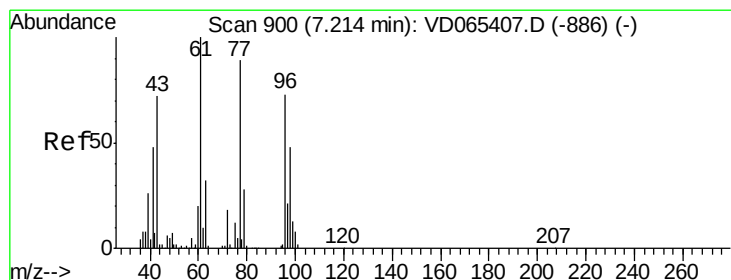
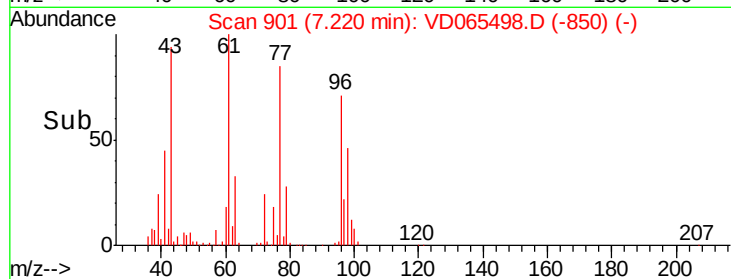
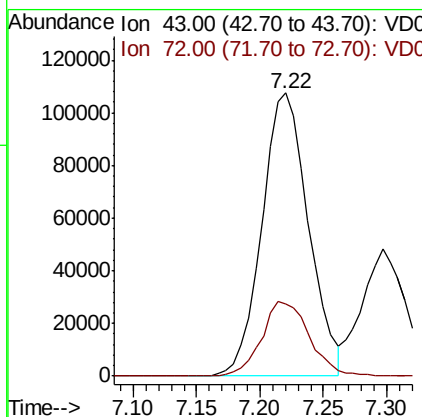
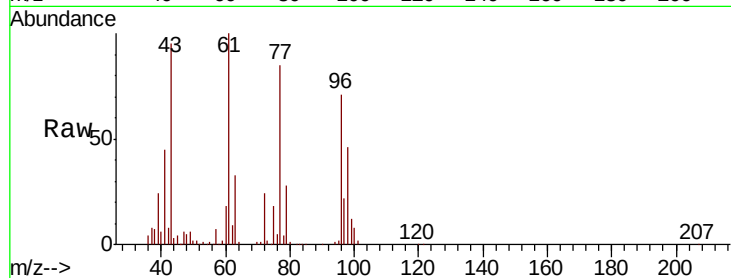




#25
2-Butanone
Concen: 242.042 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

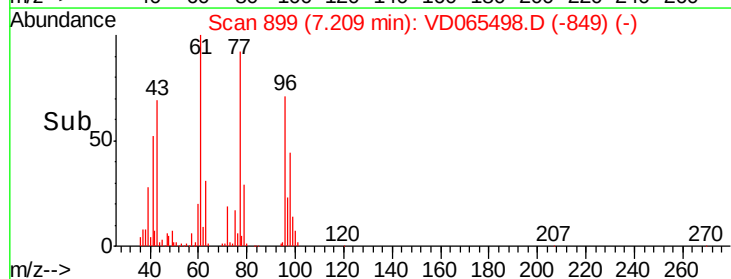
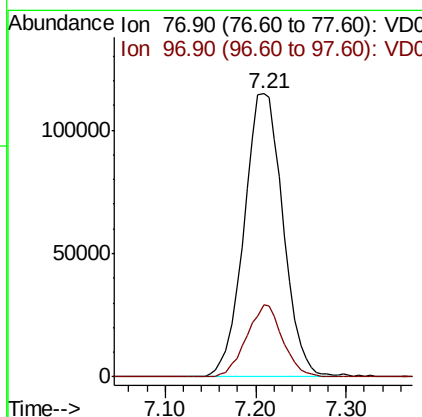
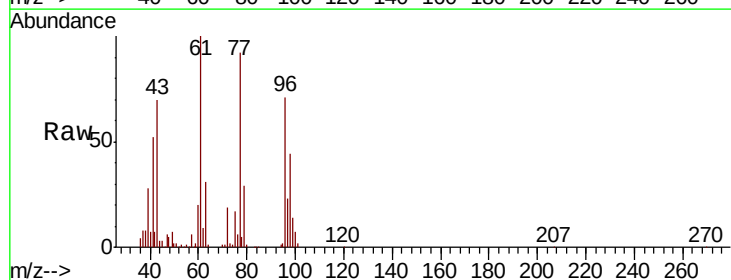
Instrument :
MSVOA_D
ClientSampled :

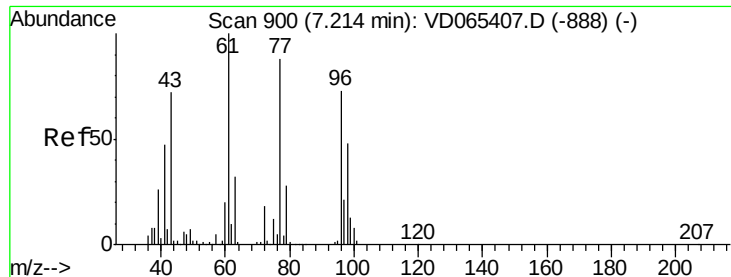
Tot Ion: 43 Resp: 274890
Ion Ratio Lower Upper
43 100
72 25.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 48.163 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 77 Resp: 343949
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4



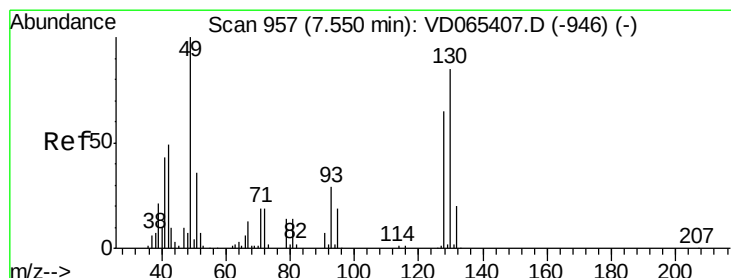
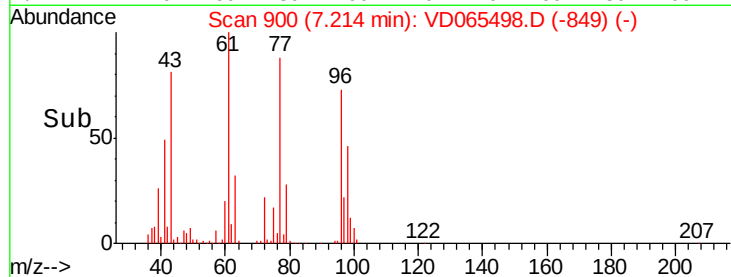
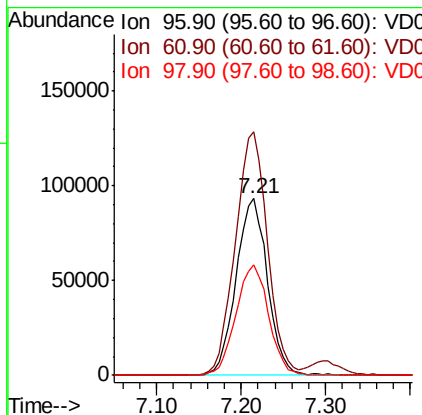
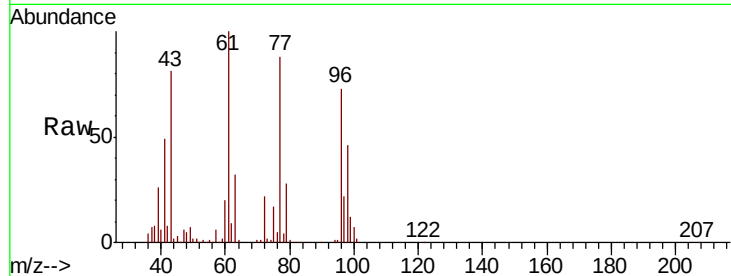


#27

cis-1,2-Dichloroethene
 Concen: 47.519 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Instrument :
 MSVOA_D
 ClientSampleId :

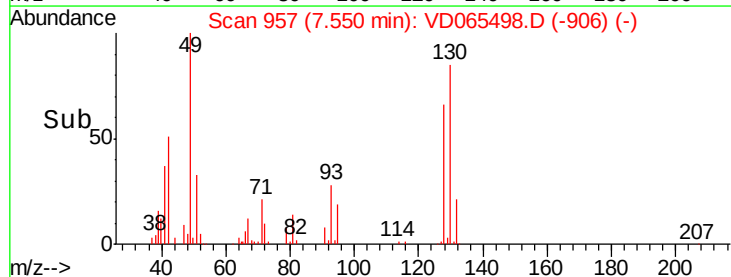
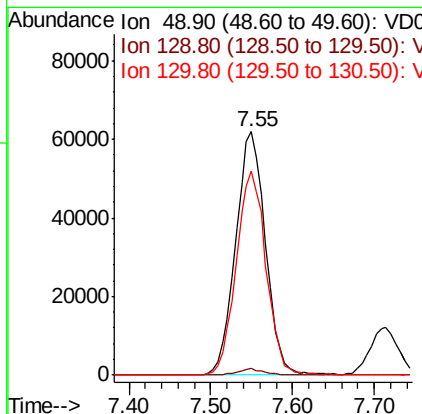
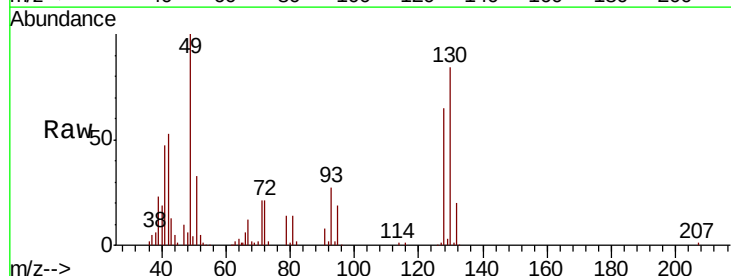
Tot Ion: 96 Resp: 241060
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 280.4
 98 64.7 0.0 132.6

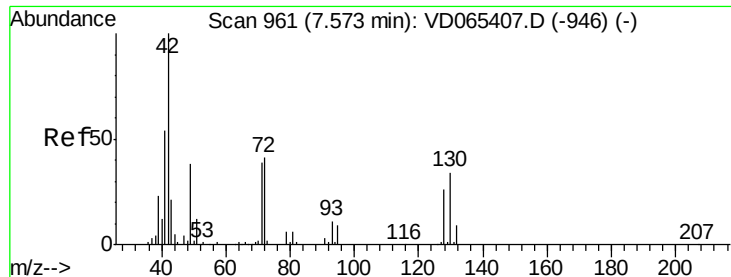


#28

Bromochloromethane
 Concen: 48.010 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion: 49 Resp: 156969
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.7 66.6 100.0

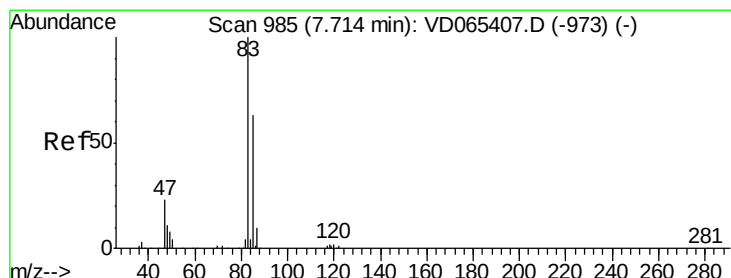
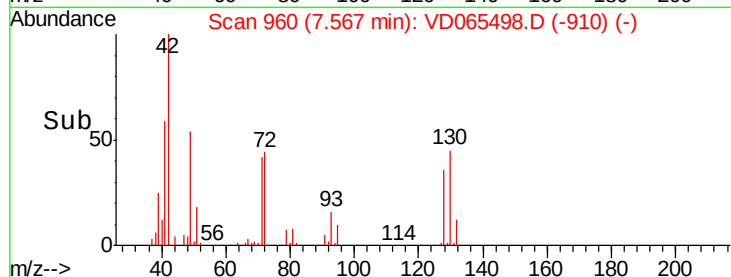
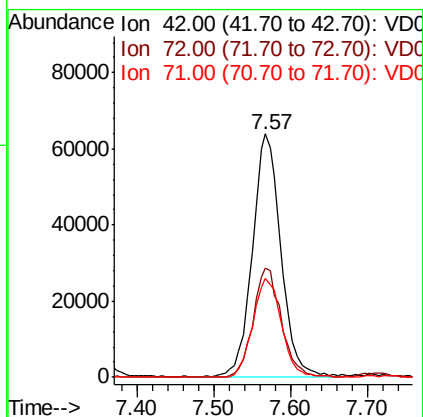
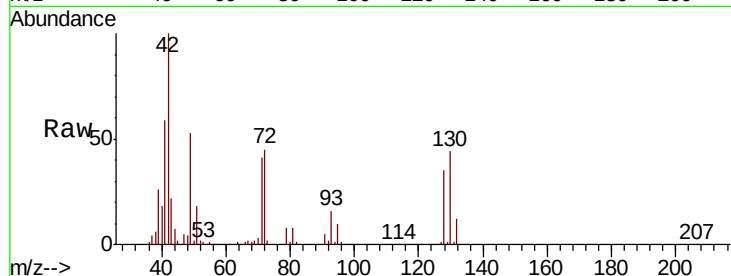




#29
Tetrahydrofuran
Concen: 229.792 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

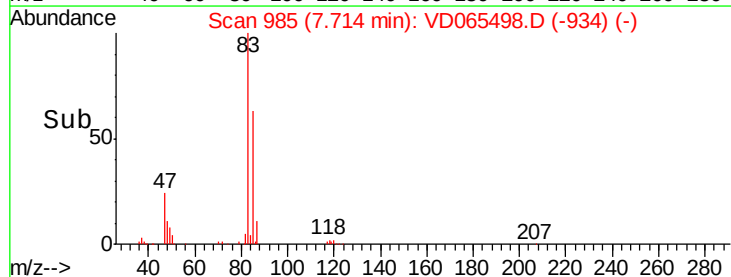
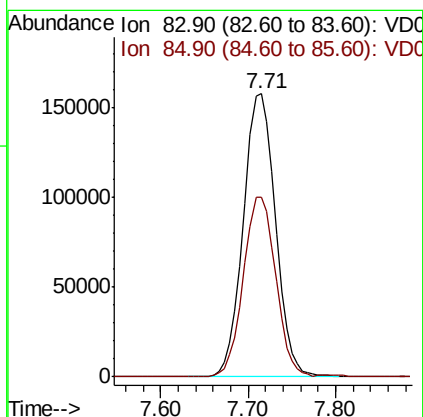
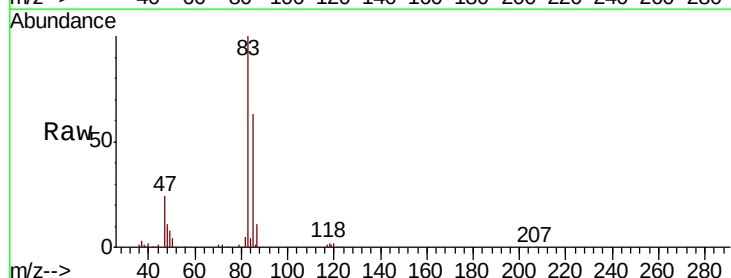
Instrument :
MSVOA_D
ClientSampleId :

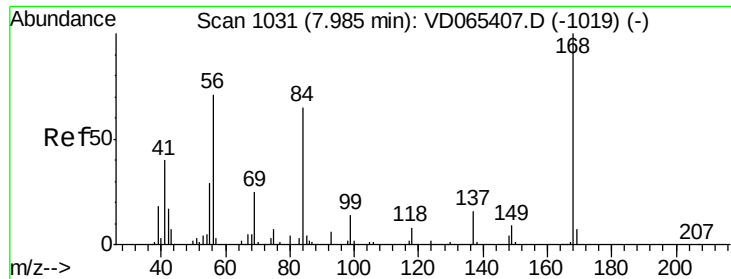
Tot Ion: 42 Resp: 166663
Ion Ratio Lower Upper
42 100
72 44.3 33.0 49.6
71 41.0 32.0 48.0



#30
Chloroform
Concen: 48.319 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 83 Resp: 394672
Ion Ratio Lower Upper
83 100
85 63.3 50.3 75.5

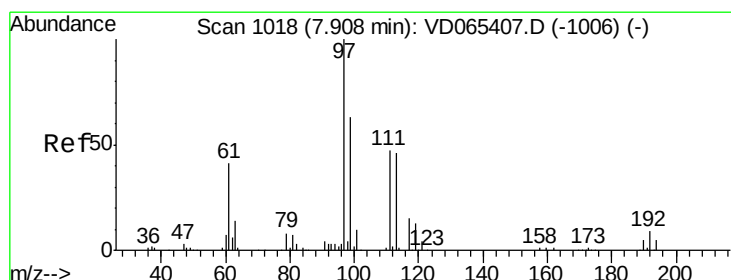
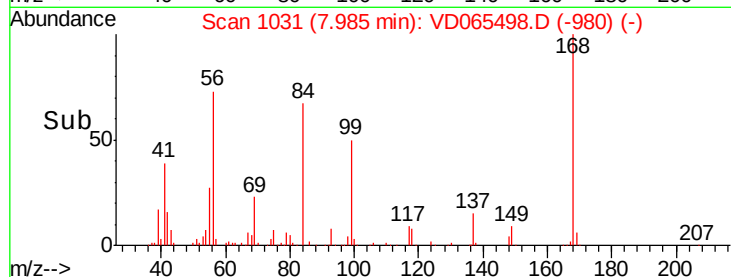
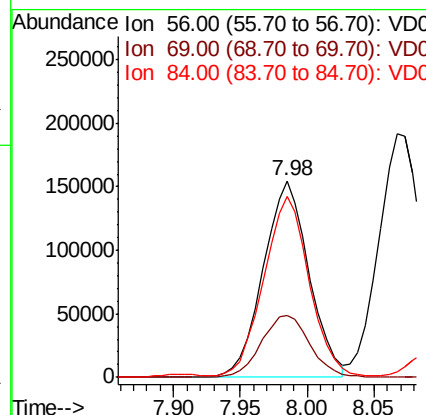
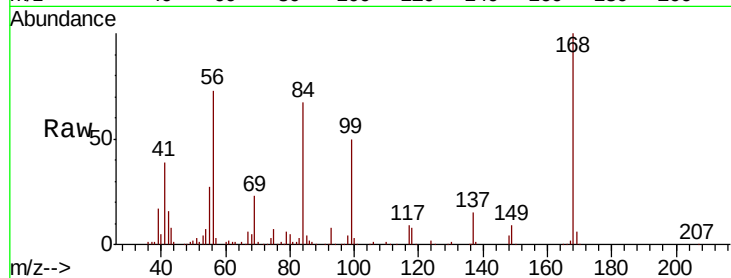




#31
Cyclohexane
Concen: 44.825 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

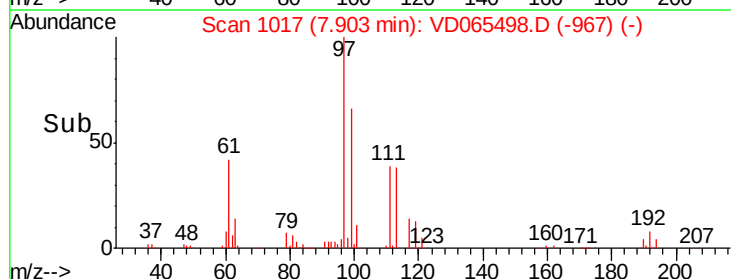
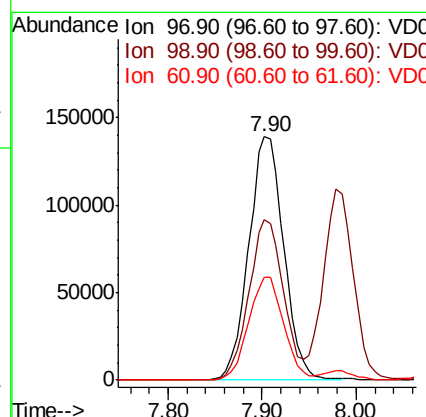
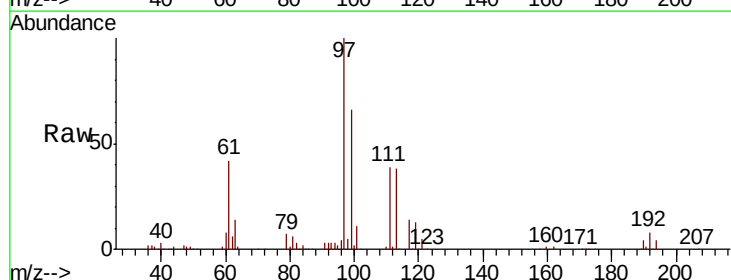
Instrument :
MSVOA_D
ClientSampleId :

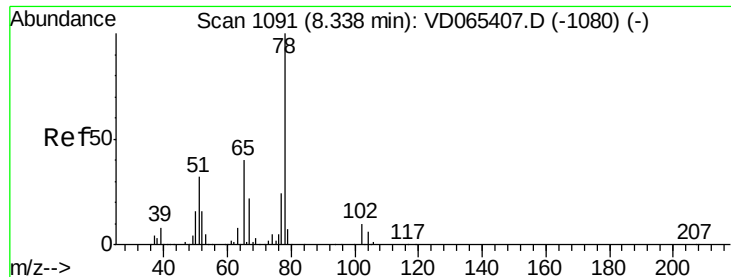
Tot Ion: 56 Resp: 366287
Ion Ratio Lower Upper
56 100
69 31.6 28.3 42.5
84 90.5 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 47.599 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 97 Resp: 359293
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 42.4 33.2 49.8

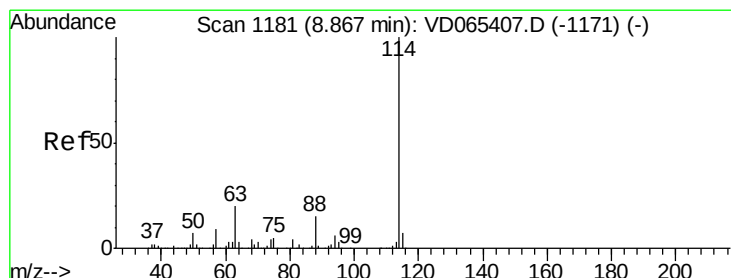
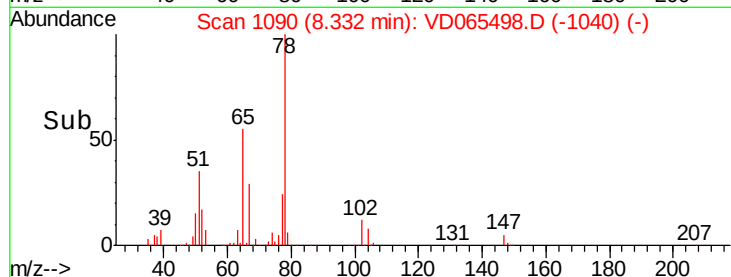
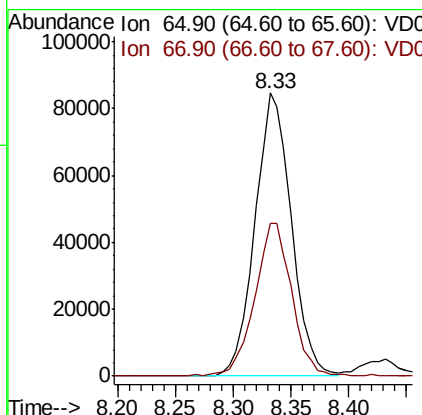
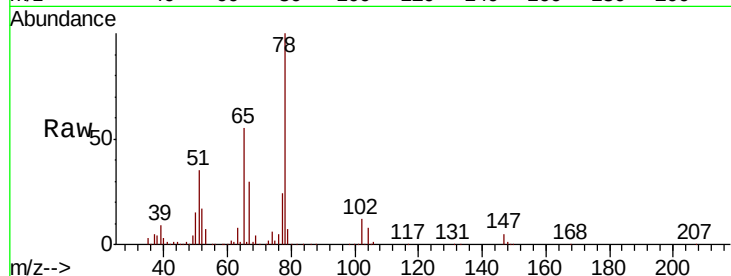




#33
 1,2-Dichloroethane-d4
 Concen: 45.081 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

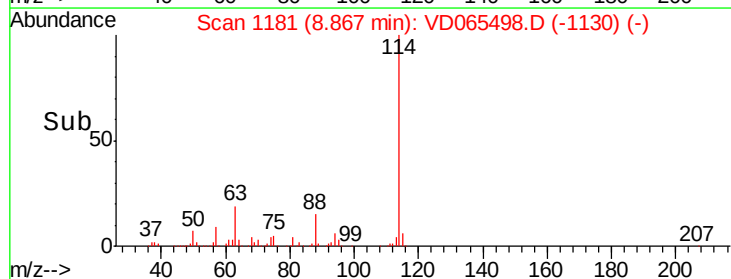
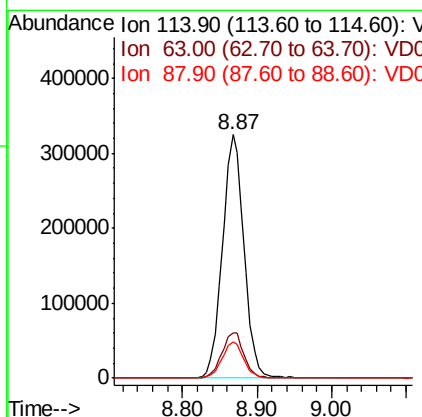
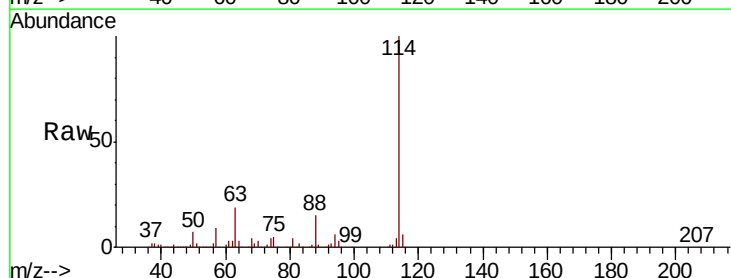
Instrument :
 MSVOA_D
 ClientSampleId :

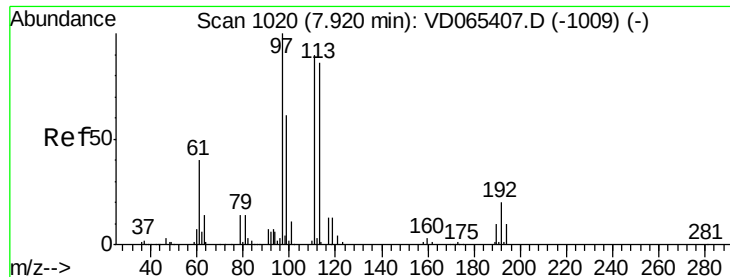
Tot Ion: 65 Resp: 185511
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion: 114 Resp: 653028
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 15.1 0.0 30.4

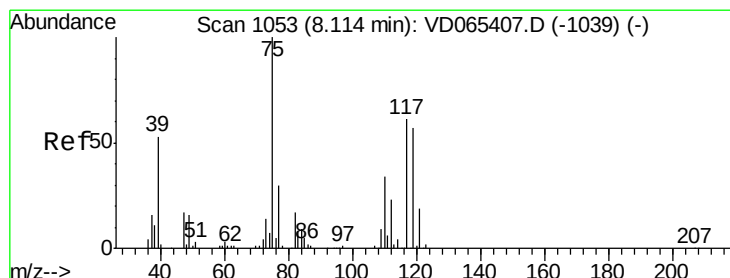
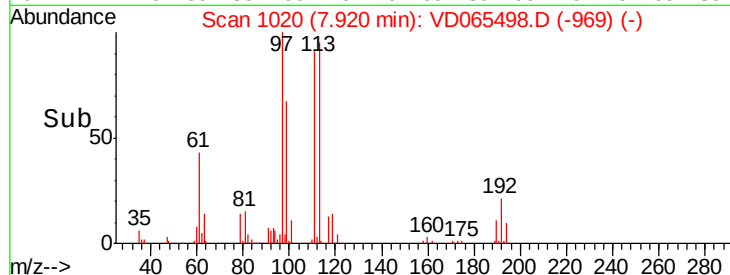
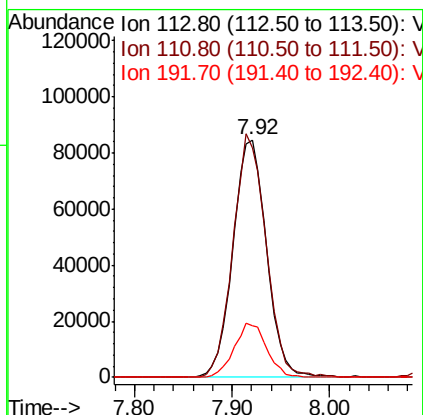
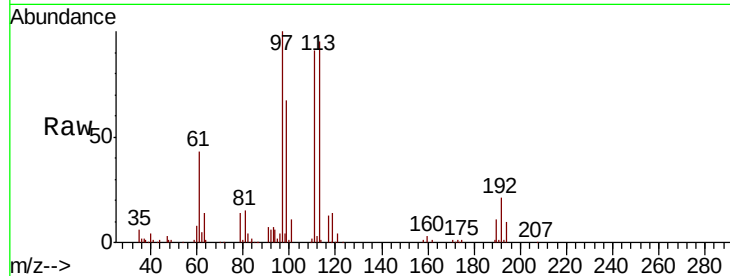




#35
 Dibromofluoromethane
 Concen: 50.271 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

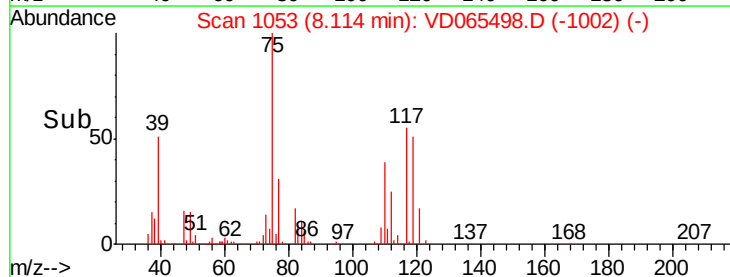
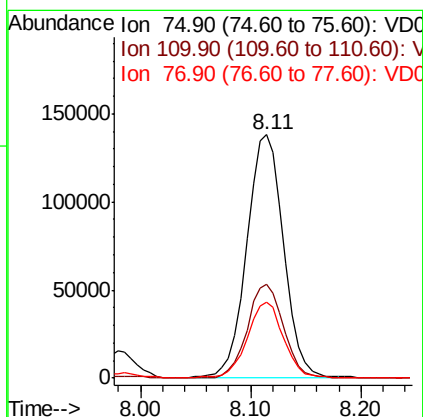
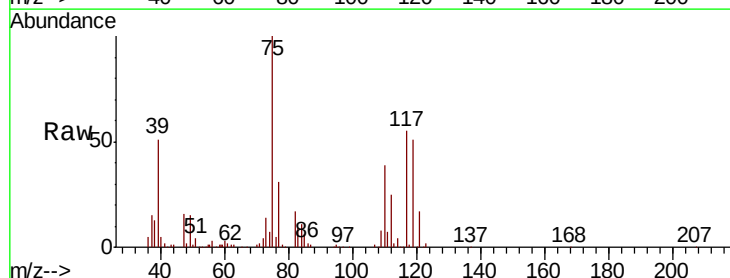
Instrument :
 MSVOA_D
 ClientSampled :

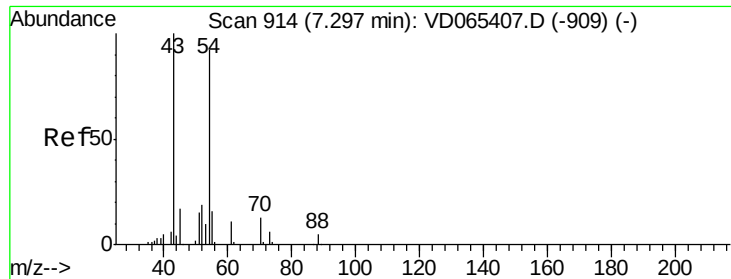
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.1	123.1
192	21.9	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 51.407 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.1	54.1
77	31.1	25.2	37.8

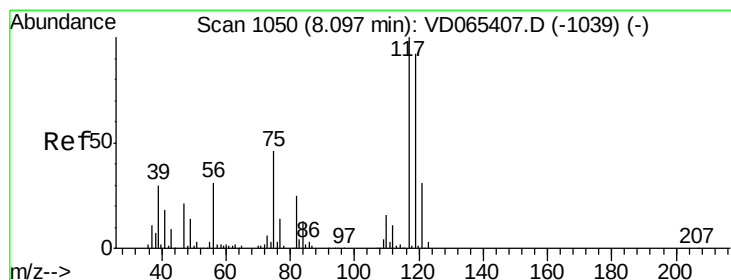
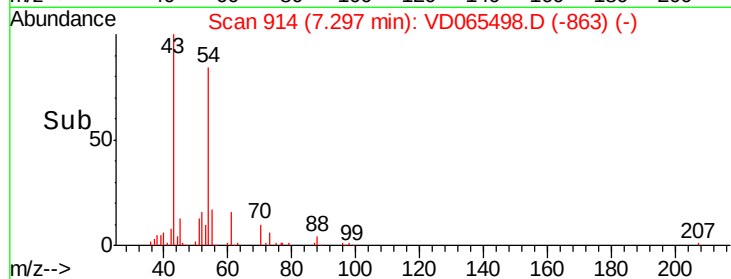
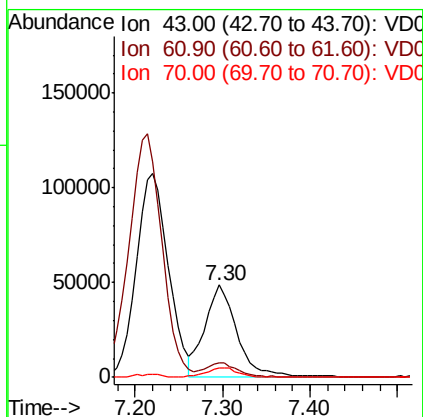
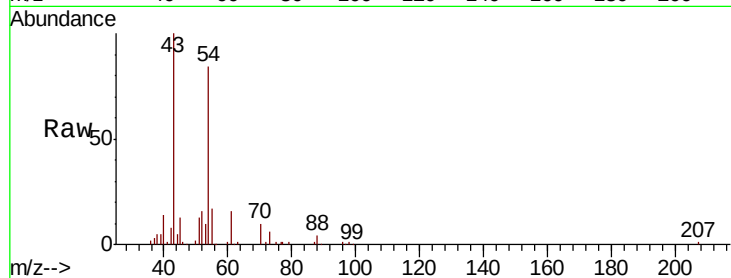




#37
Ethyl Acetate
Concen: 50.974 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

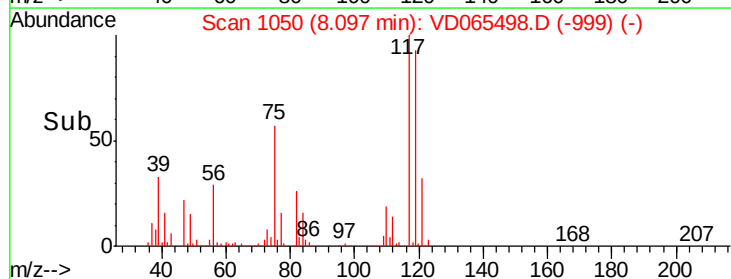
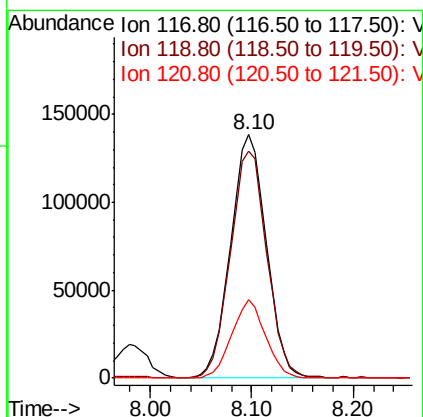
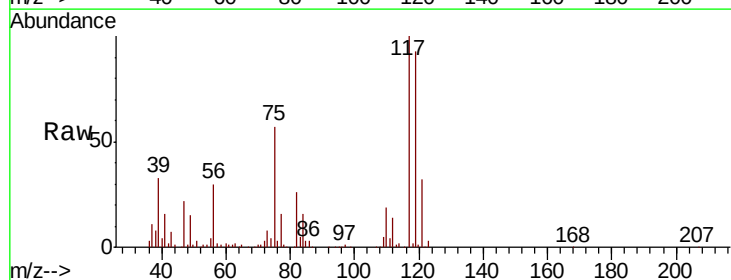
Instrument :
MSVOA_D
ClientSampled :

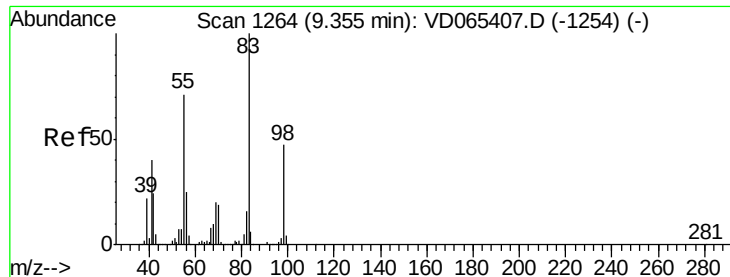
Tot Ion: 43 Resp: 123330
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 10.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.093 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 117 Resp: 338144
Ion Ratio Lower Upper
117 100
119 93.3 73.3 109.9
121 32.2 25.0 37.4

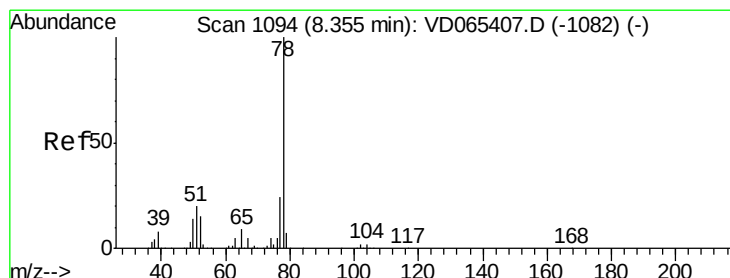
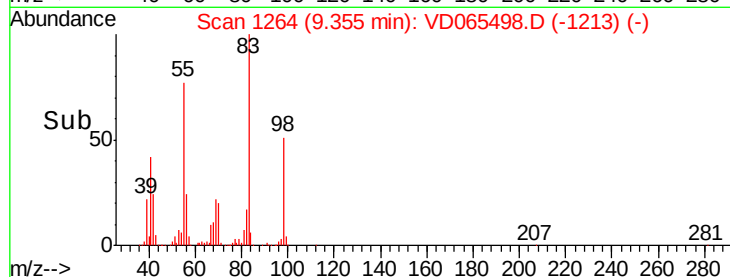
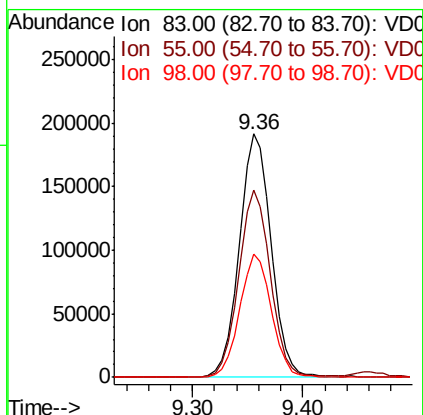
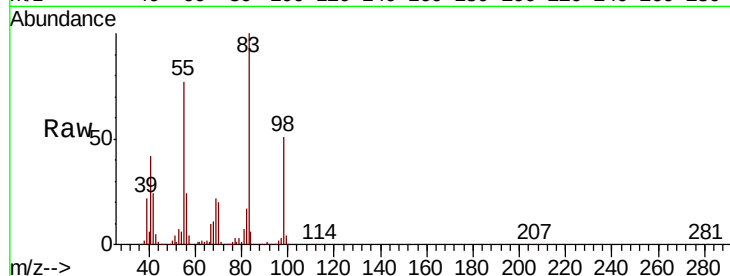




#39
Methylvlcyclohexane
Concen: 51.369 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

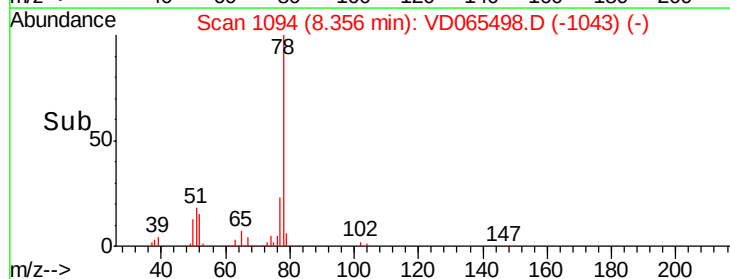
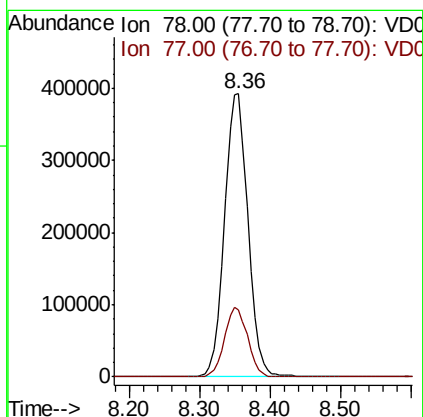
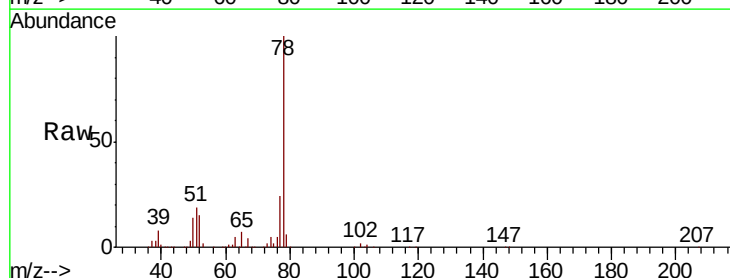
Instrument :
MSVOA_D
ClientSampled :

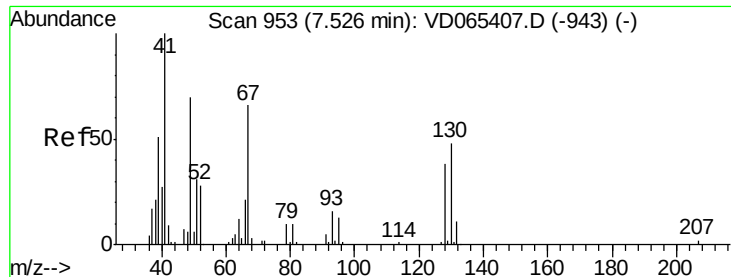
Tot Ion: 83 Resp: 388371
Ion Ratio Lower Upper
83 100
55 77.2 57.1 85.7
98 50.7 37.8 56.8



#40
Benzene
Concen: 51.617 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 78 Resp: 903385
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

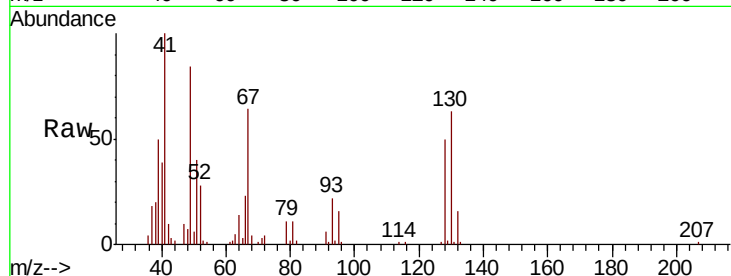




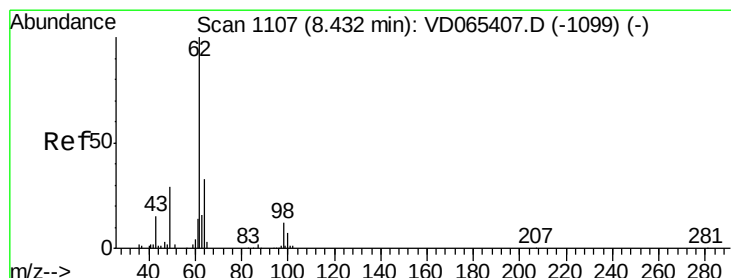
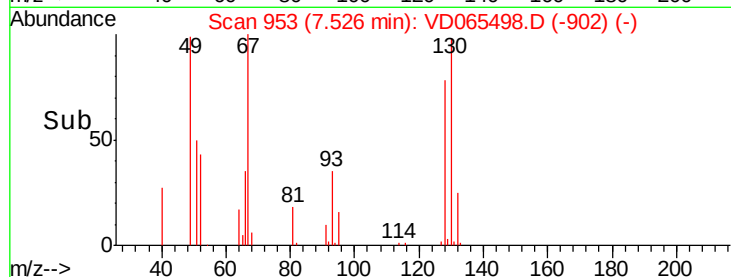
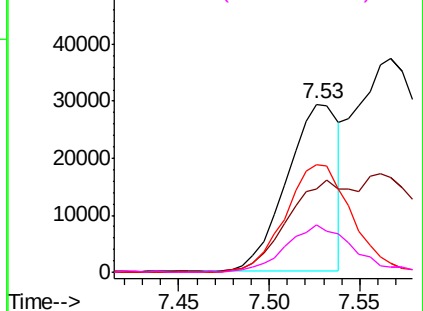
#41
Methacrylonitrile
Concen: 45.986 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:	41	Resp:	58841
Ion	Ratio	Lower	Upper
41	100		
39	72.1	55.0	82.6
67	81.8	70.3	105.5
52	36.7	30.7	46.1

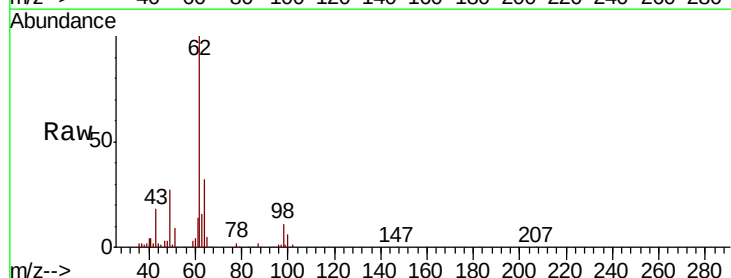


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

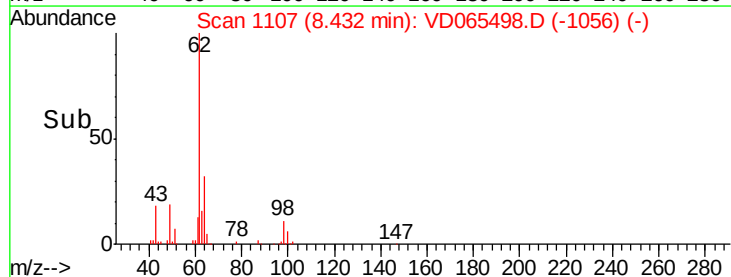
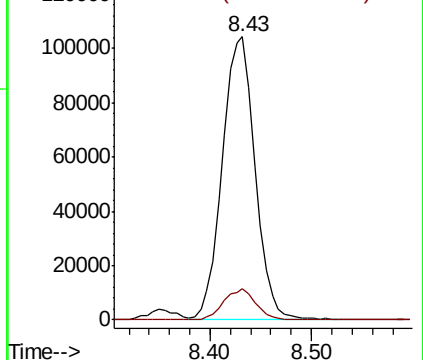


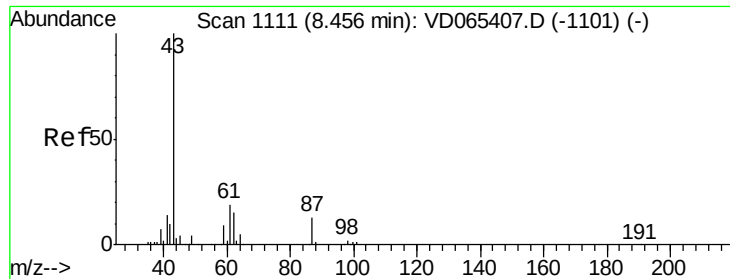
#42
1,2-Dichloroethane
Concen: 51.184 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion:	62	Resp:	233921
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 48.520 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

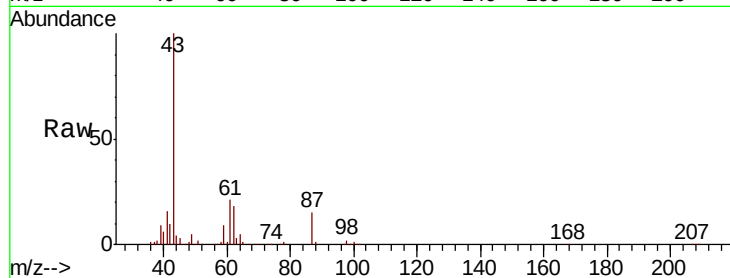
Tot Ion: 43 Resp: 216758

Ion Ratio Lower Upper

43 100

61 31.7 25.0 37.6

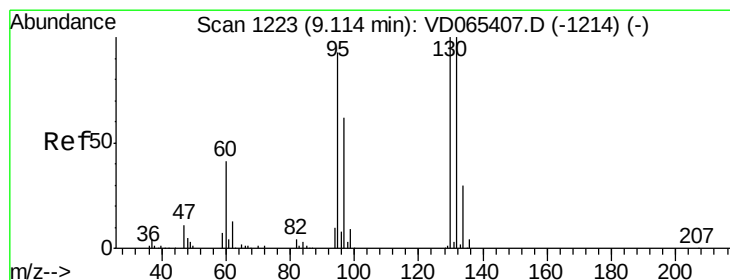
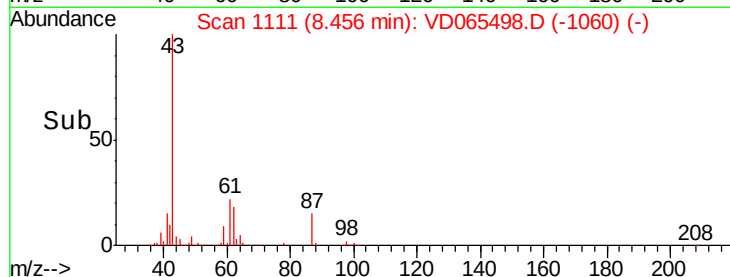
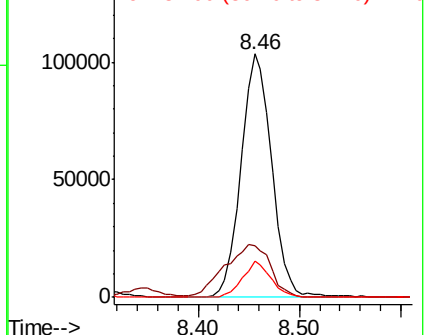
87 13.8 11.0 16.4



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: 51.338 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065498.D

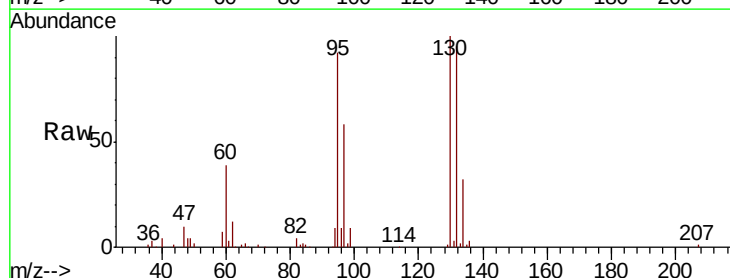
Acq: 13 Mar 2020 10:38

Tgt Ion:130 Resp: 253742

Ion Ratio Lower Upper

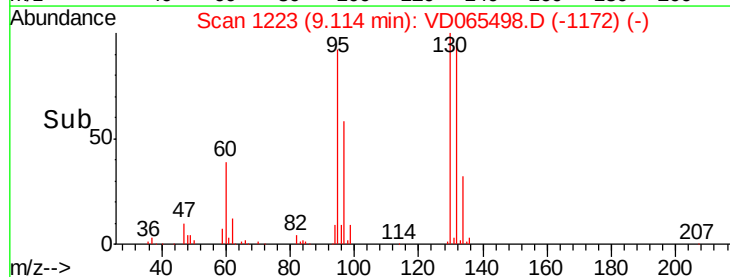
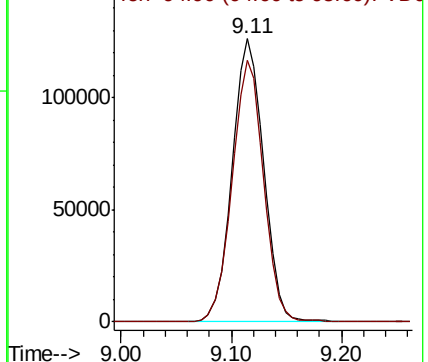
130 100

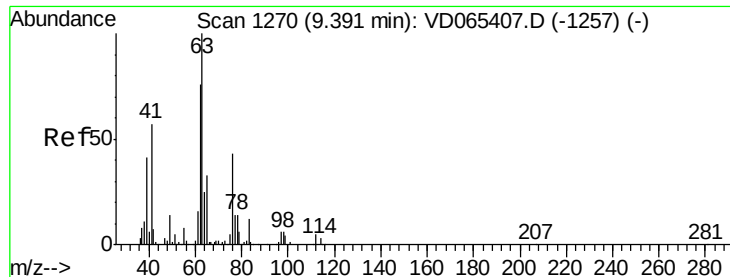
95 92.3 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.822 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

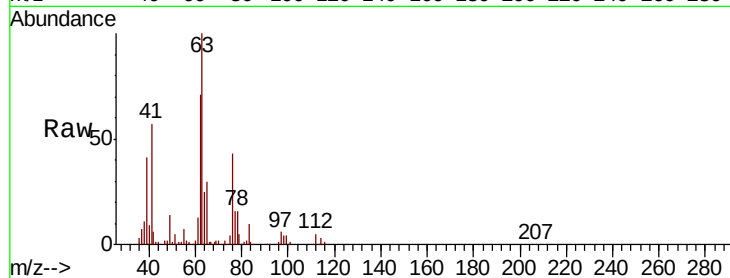
ClientSampled :

Tot Ion: 63 Resp: 219701

Ion Ratio Lower Upper

63 100

65 29.9 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

120000

100000

80000

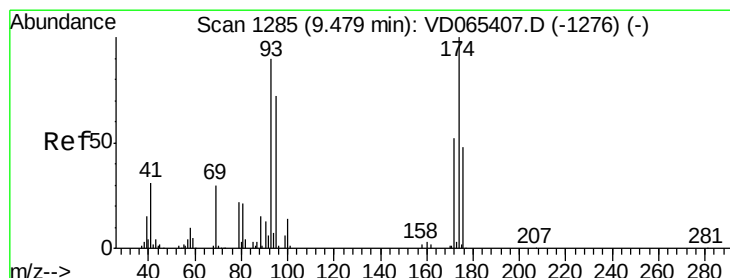
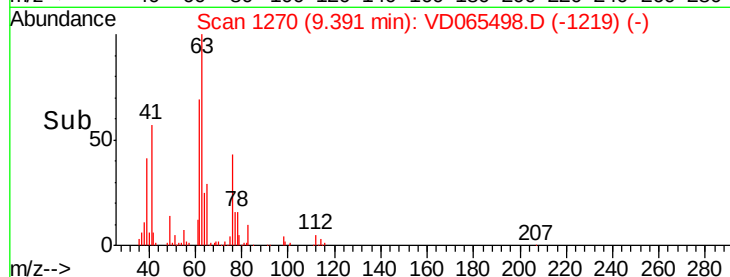
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 52.052 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

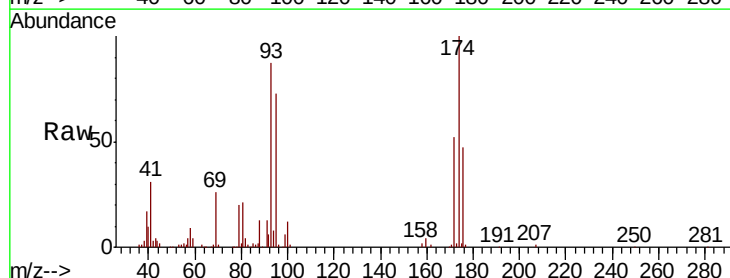
Tgt Ion: 93 Resp: 114465

Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.6

174 113.3 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

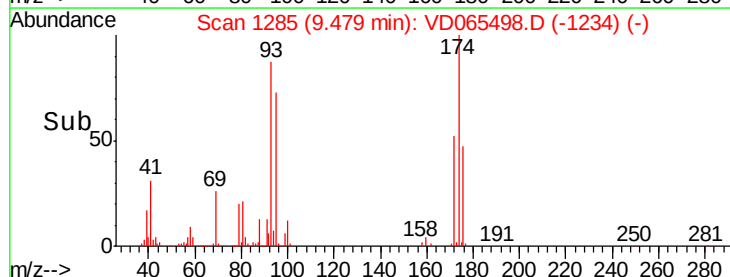
60000

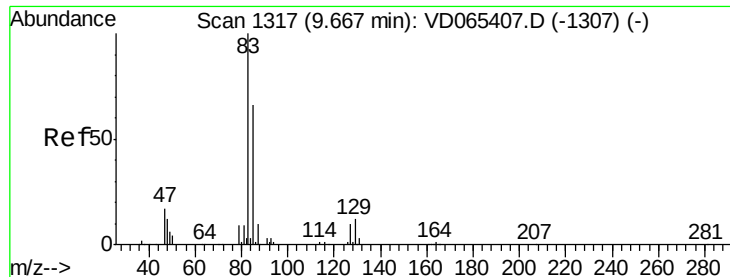
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 52.721 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

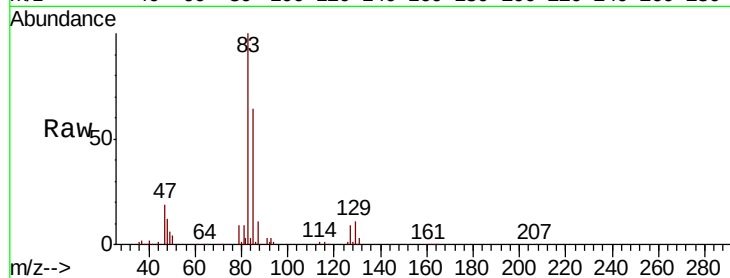
Tot Ion: 83 Resp: 301618

Ion Ratio Lower Upper

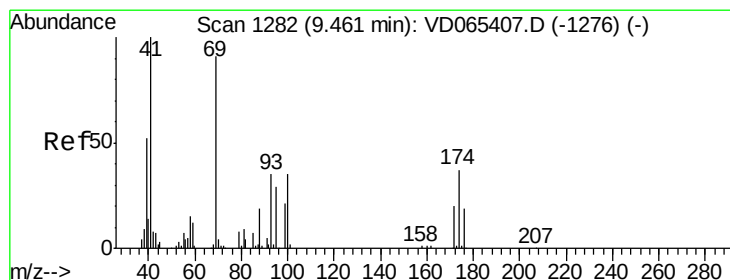
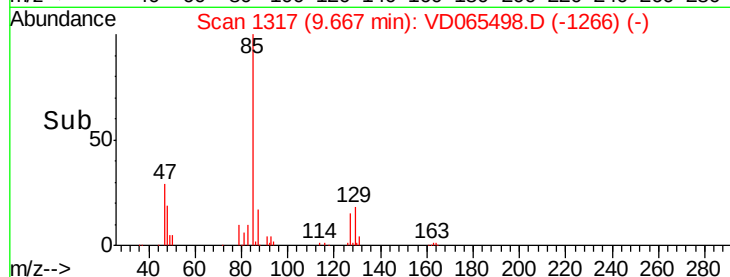
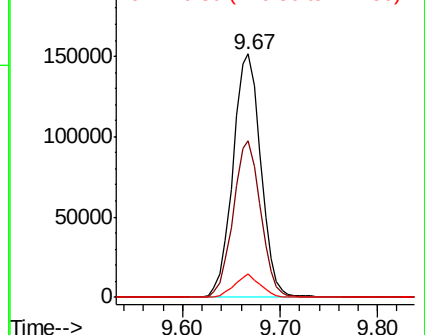
83 100

85 64.1 52.8 79.2

127 9.4 8.0 12.0



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: 48.888 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

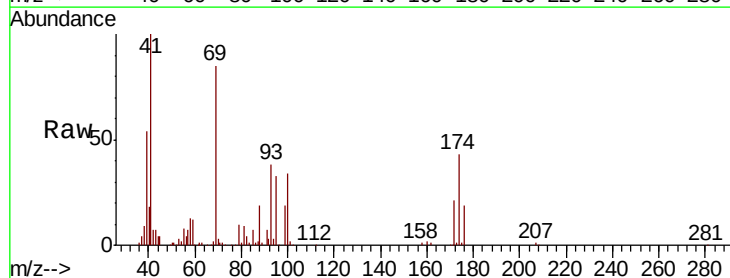
Tgt Ion: 41 Resp: 102733

Ion Ratio Lower Upper

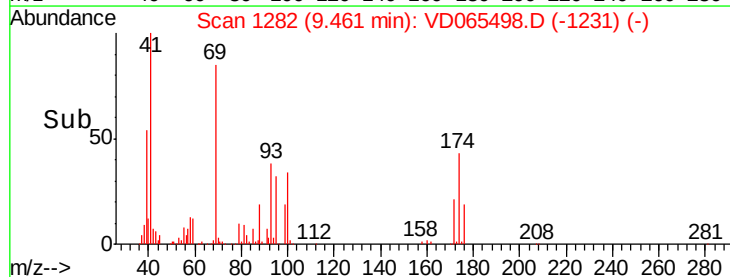
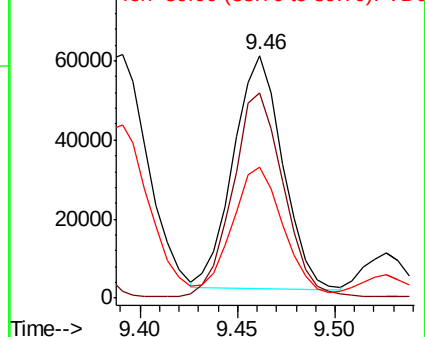
41 100

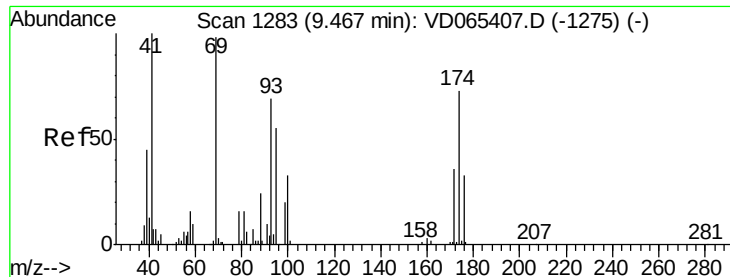
69 91.1 72.5 108.7

39 54.9 41.6 62.4



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: 1024.806 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :

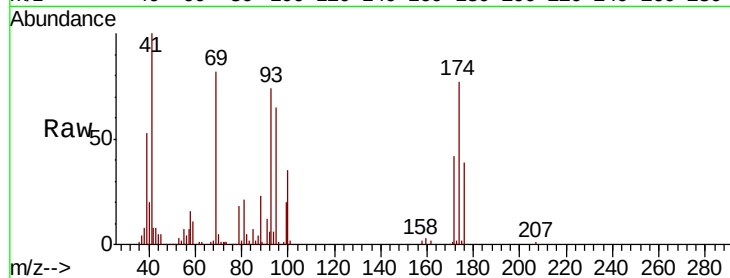
Tot Ion: 88 Resp: 25778

Ion Ratio Lower Upper

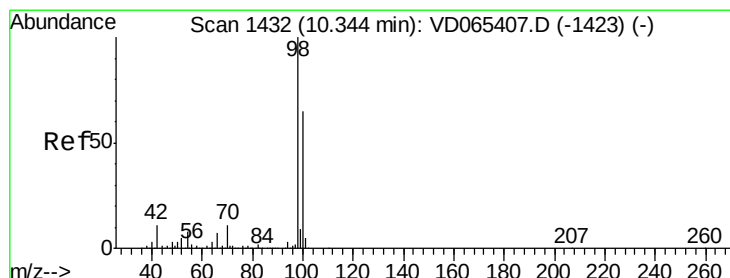
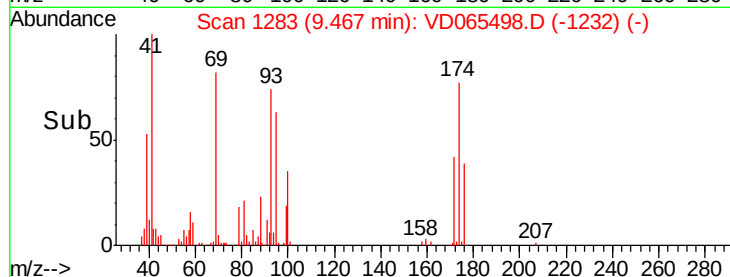
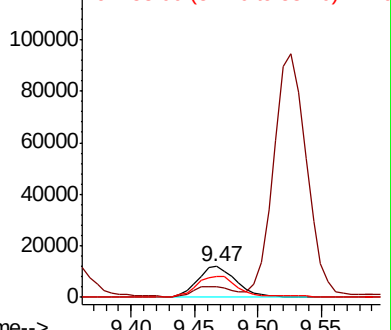
88 100

43 32.6 24.5 36.7

58 70.7 54.5 81.7



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: 50.242 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065498.D

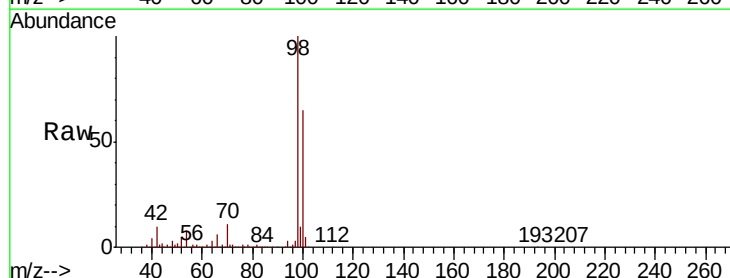
Acq: 13 Mar 2020 10:38

Tgt Ion: 98 Resp: 778382

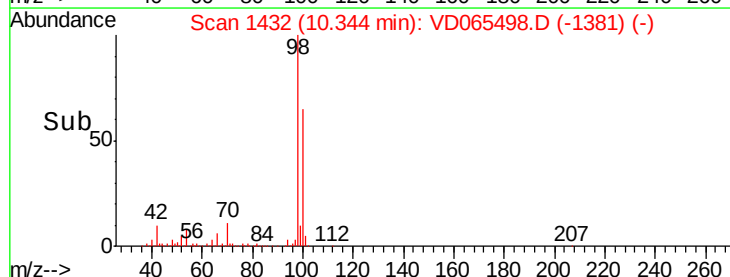
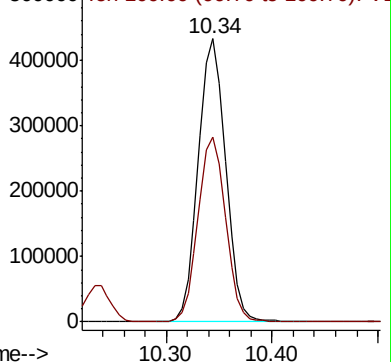
Ion Ratio Lower Upper

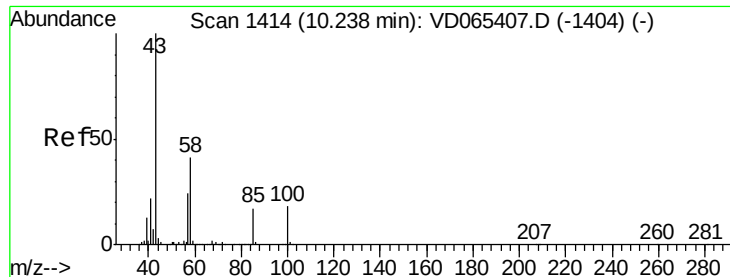
98 100

100 65.6 52.8 79.2



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: 263.238 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

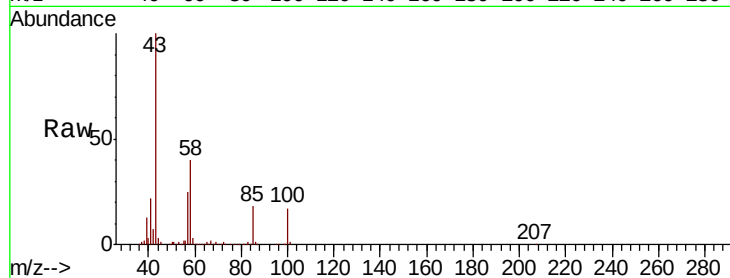
ClientSampled :

Tot Ion: 43 Resp: 591783

Ion Ratio Lower Upper

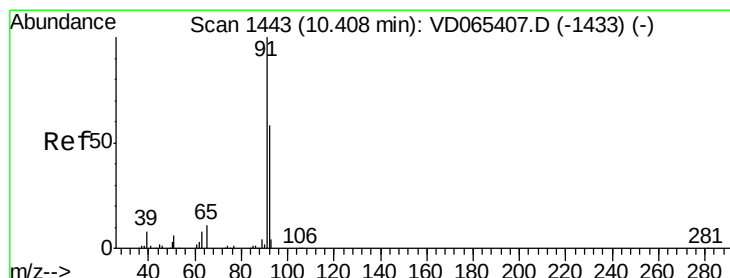
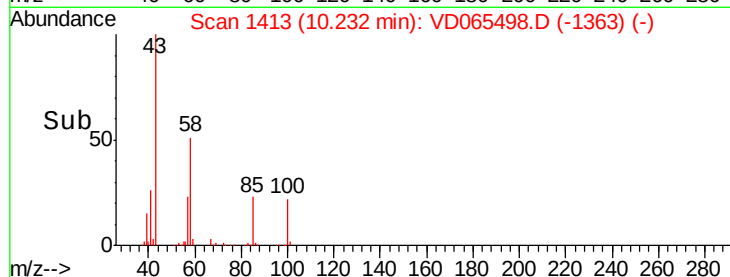
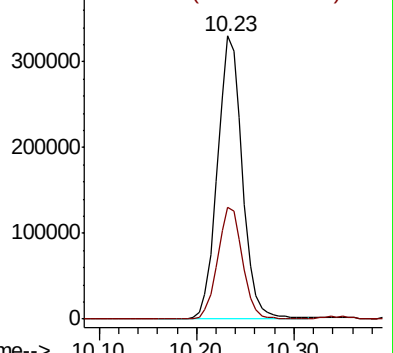
43 100

58 39.5 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.929 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065498.D

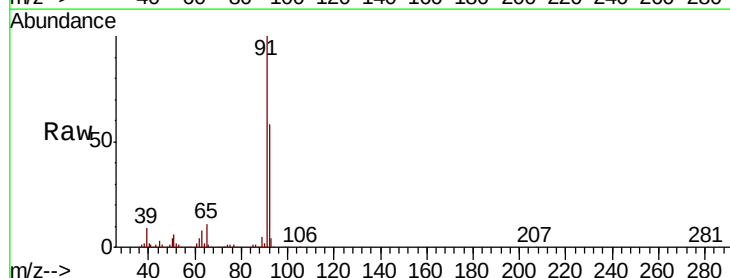
Acq: 13 Mar 2020 10:38

Tgt Ion: 92 Resp: 583575

Ion Ratio Lower Upper

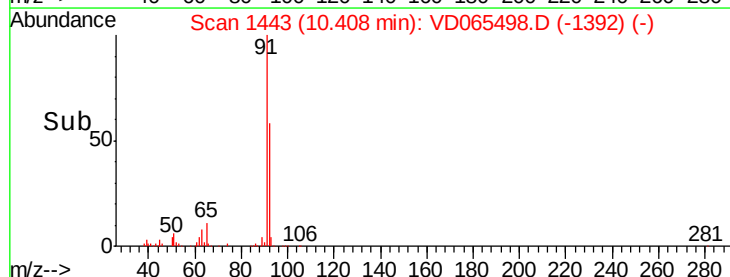
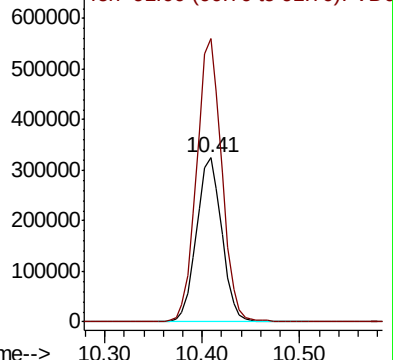
92 100

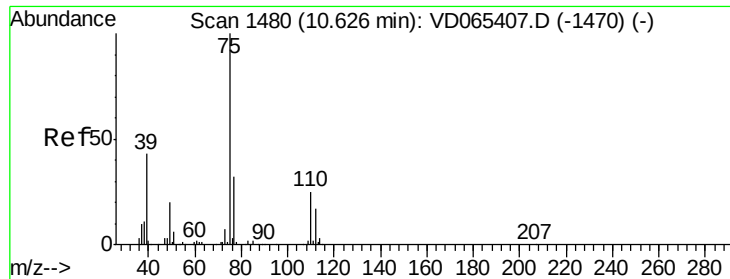
91 171.9 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.328 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

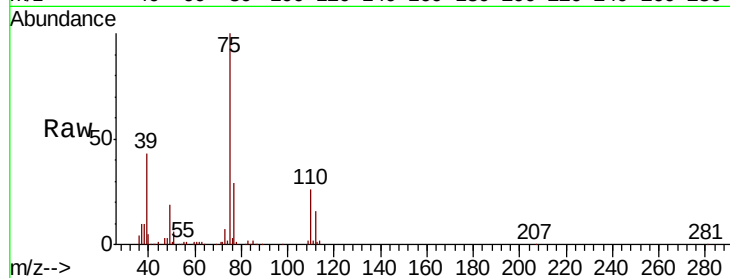
ClientSampleId :

Tot Ion: 75 Resp: 274414

Ion Ratio Lower Upper

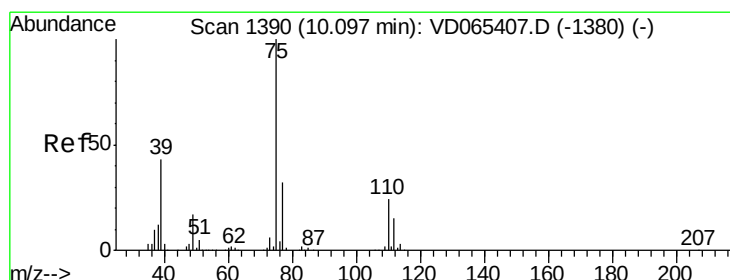
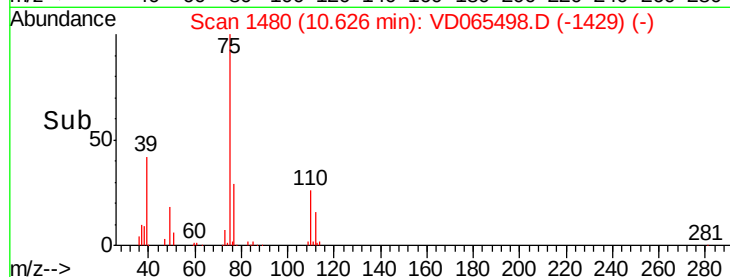
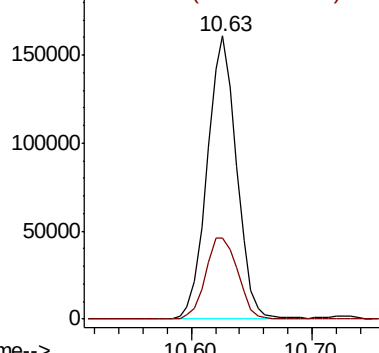
75 100

77 28.8 25.4 38.2



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: 51.884 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

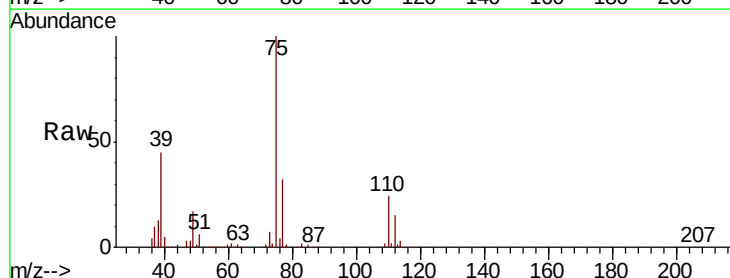
Tgt Ion: 75 Resp: 335758

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

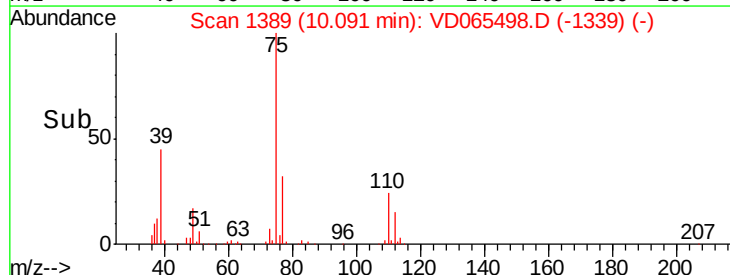
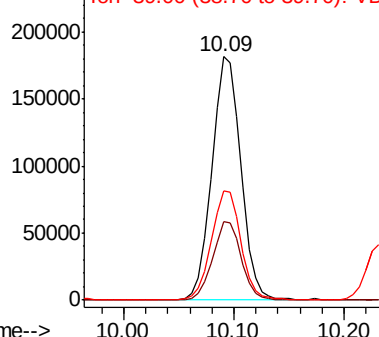
39 45.0 34.6 52.0

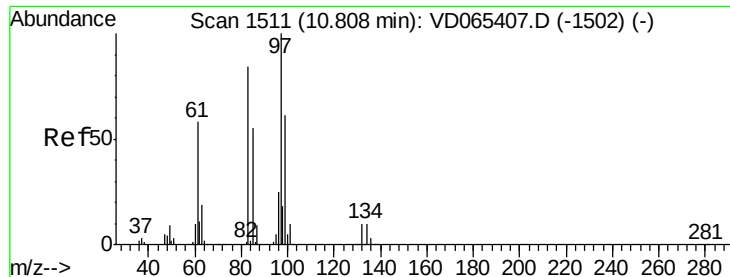


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 51.940 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 161773

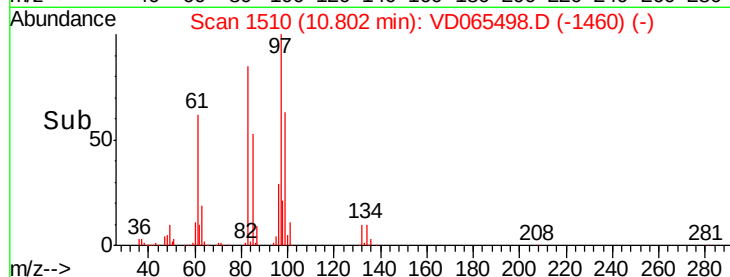
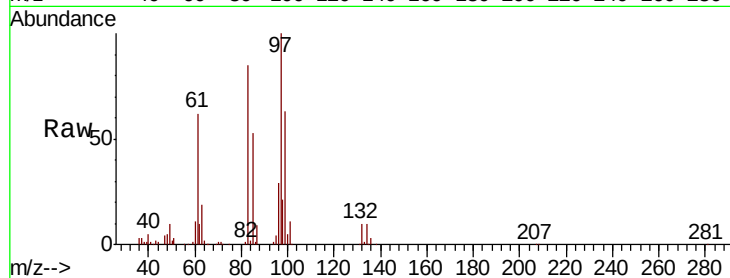
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.0
85	53.2	43.8	65.8
99	62.6	48.8	73.2

97 100

83 84.7 67.4 101.0

85 53.2 43.8 65.8

99 62.6 48.8 73.2

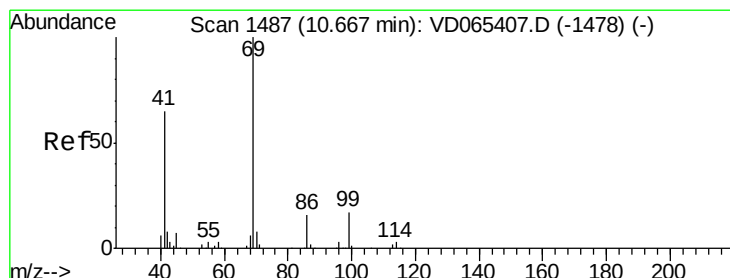
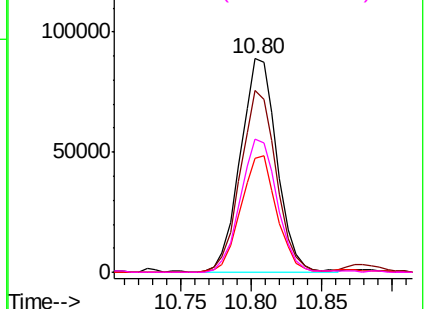


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 52.820 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

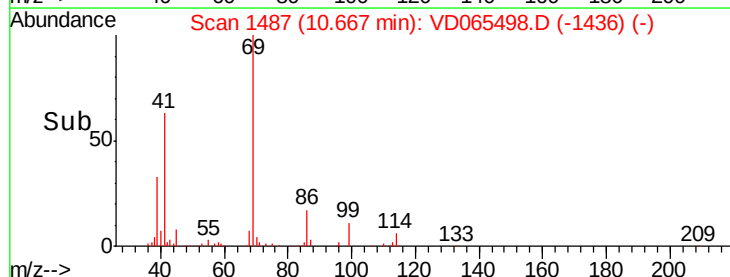
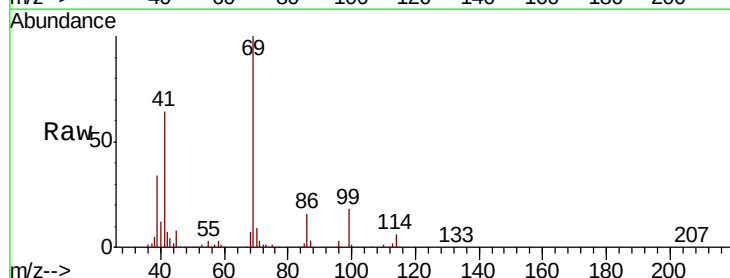
Tgt Ion: 69 Resp: 185463

Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.0	79.6
39	30.4	26.0	39.0

69 100

41 65.2 53.0 79.6

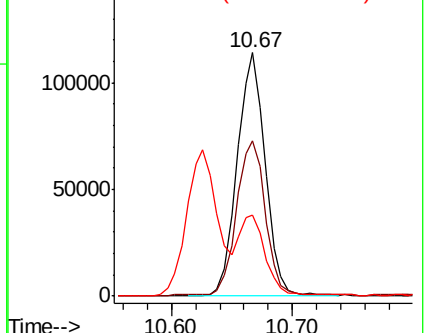
39 30.4 26.0 39.0

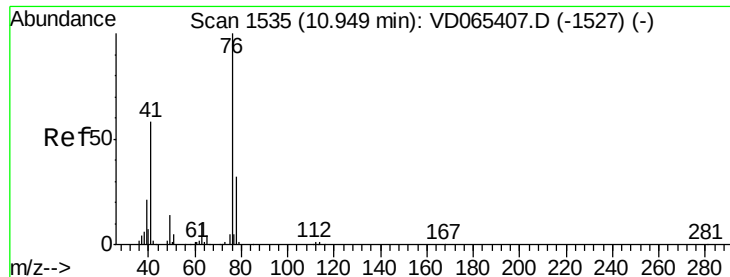


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.553 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

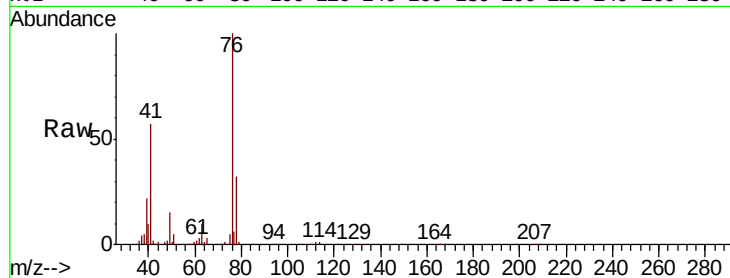
ClientSampleId :

Tot Ion: 76 Resp: 271677

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

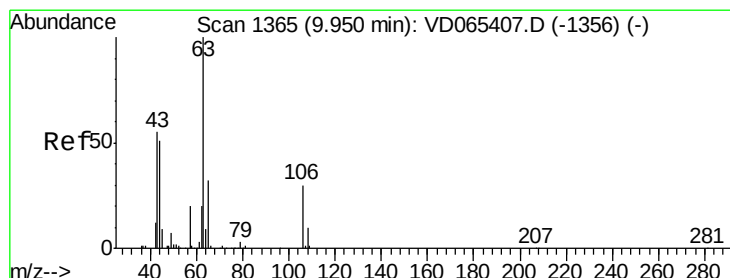
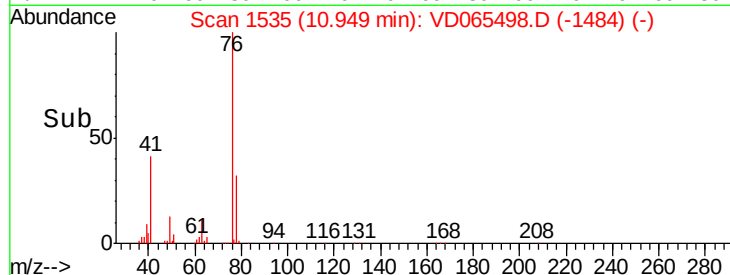
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 232.147 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065498.D

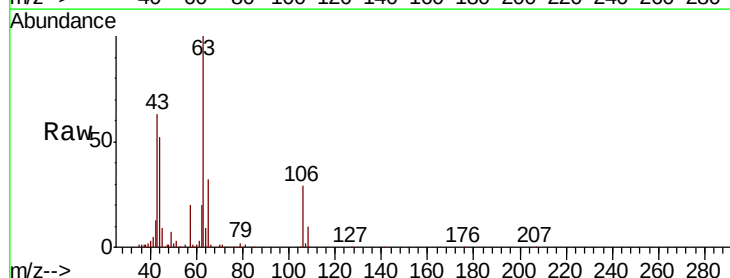
Acq: 13 Mar 2020 10:38

Tgt Ion: 63 Resp: 254589

Ion Ratio Lower Upper

63 100

106 29.2 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

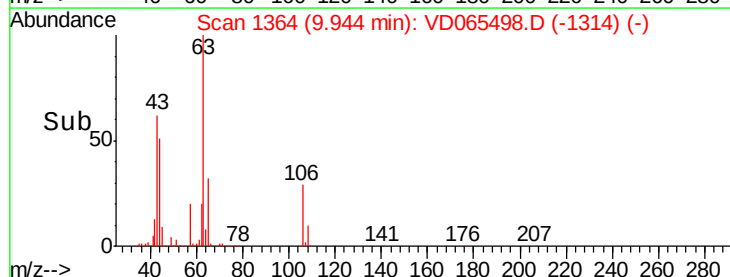
150000

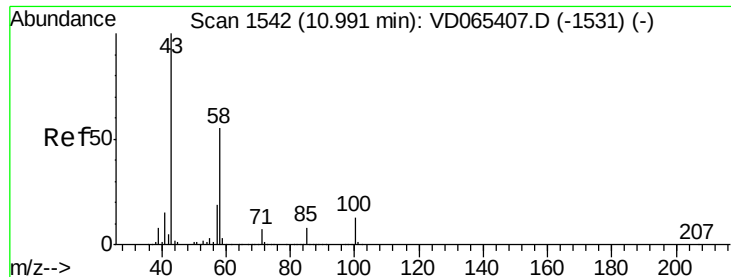
100000

50000

0

Time-->

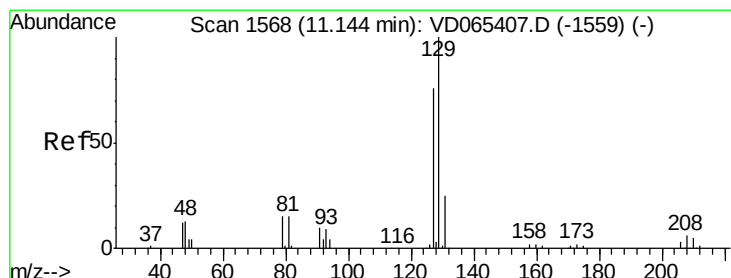
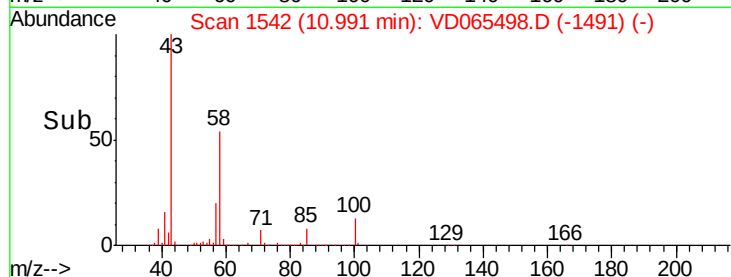
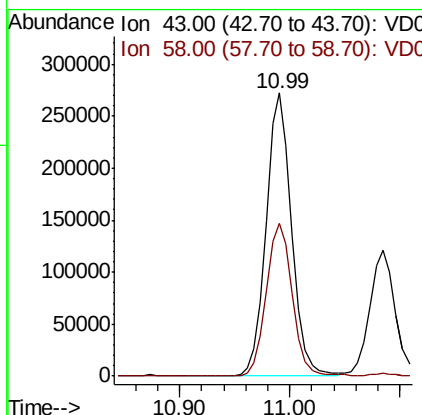
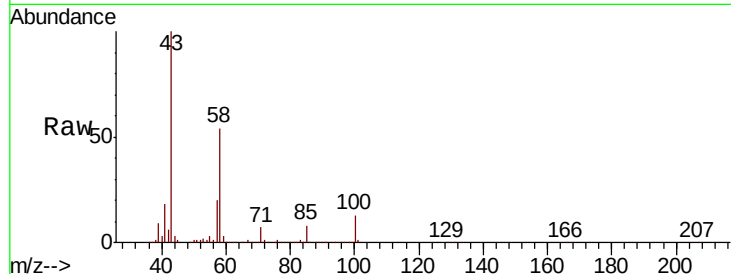




#59
2-Hexanone
Concen: 281.774 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

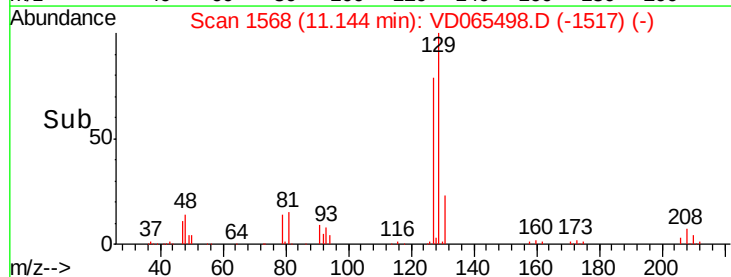
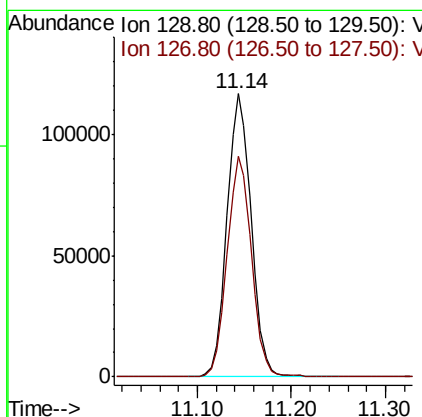
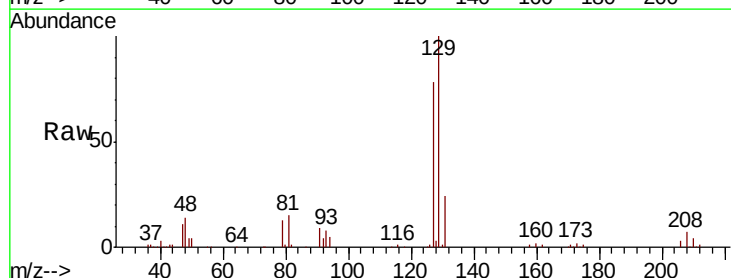
Instrument :
MSVOA_D
ClientSampled :

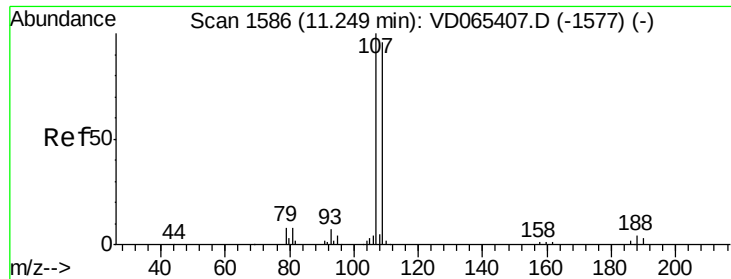
Tot Ion: 43 Resp: 438501
Ion Ratio Lower Upper
43 100
58 55.3 27.4 82.2



#60
Dibromochloromethane
Concen: 52.182 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 129 Resp: 208333
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

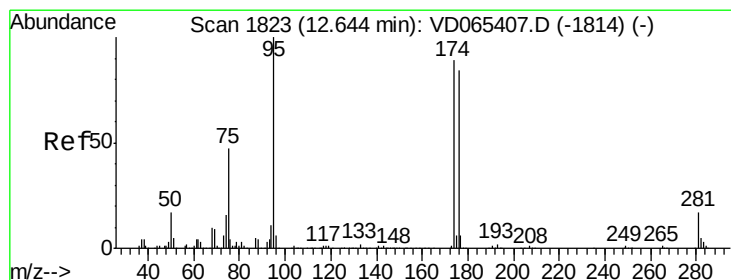
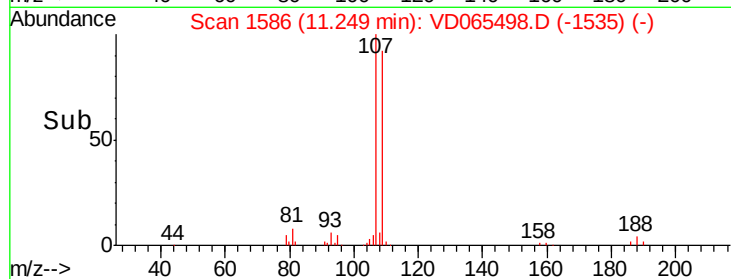
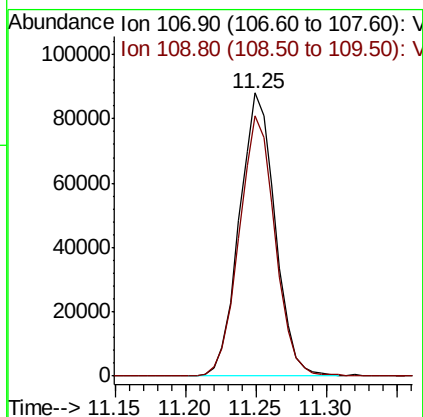
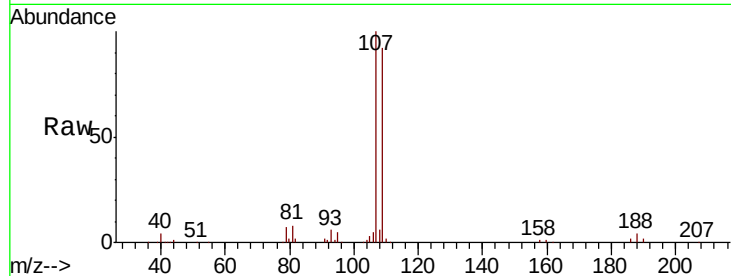




#61
 1,2-Dibromoethane
 Concen: 52.487 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

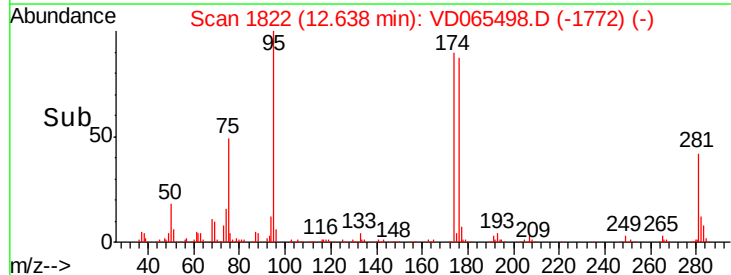
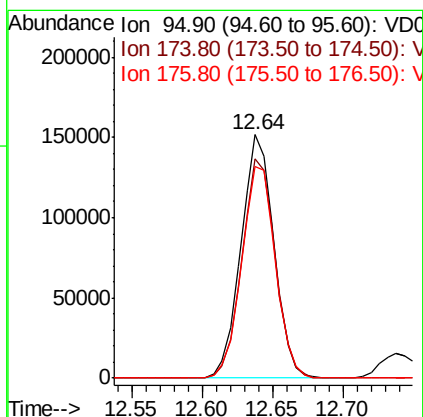
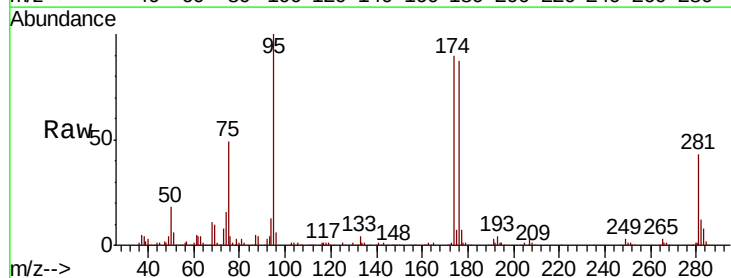
Instrument :
 MSVOA_D
 ClientSampleId :

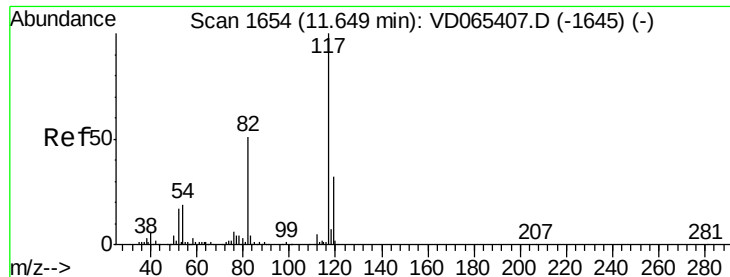
Tot Ion:107 Resp: 155933
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 51.738 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion: 95 Resp: 247446
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 176.8
 176 89.3 0.0 171.4

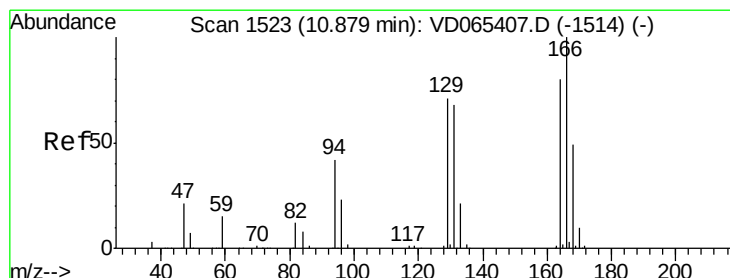
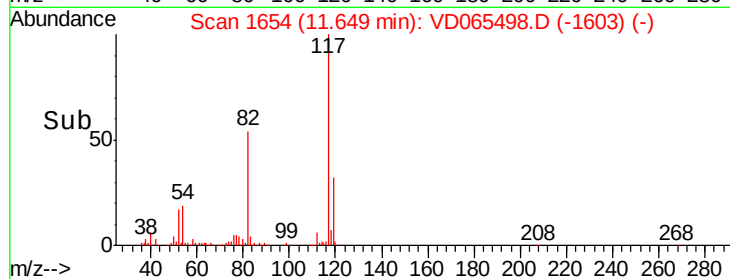
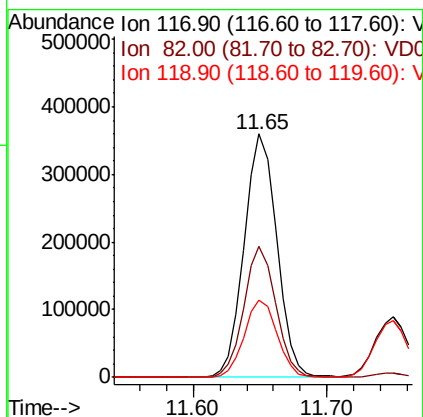
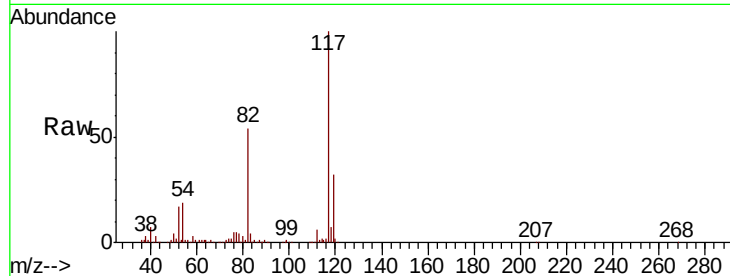




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

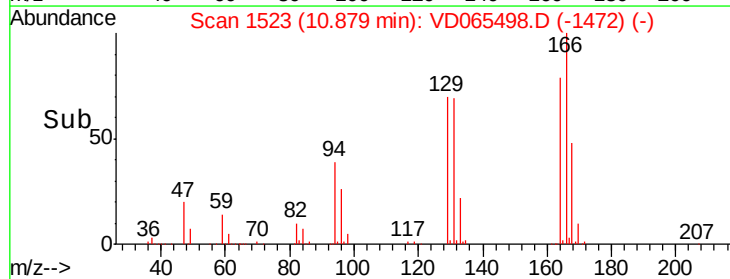
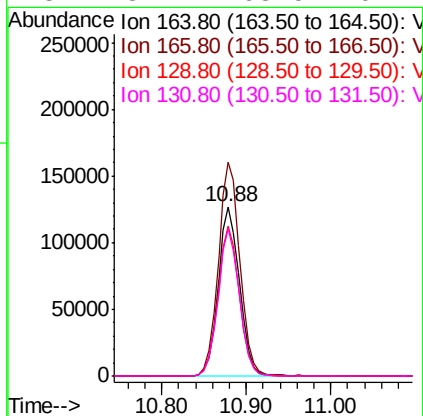
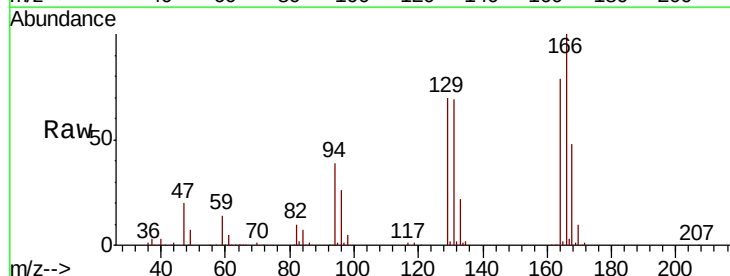
Instrument :
MSVOA_D
ClientSampled :

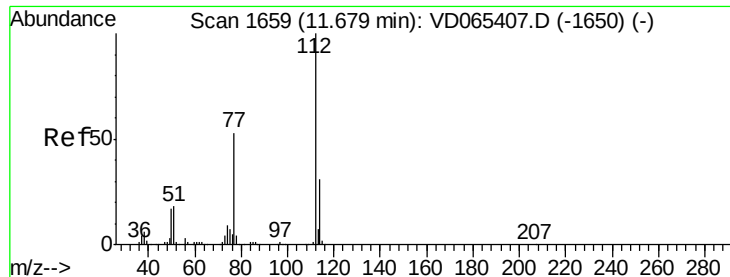
Tot Ion:117 Resp: 608499
Ion Ratio Lower Upper
117 100
82 53.9 40.6 60.8
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 51.118 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion:164 Resp: 222890
Ion Ratio Lower Upper
164 100
166 126.0 100.5 150.7
129 88.0 71.5 107.3
131 87.1 68.5 102.7

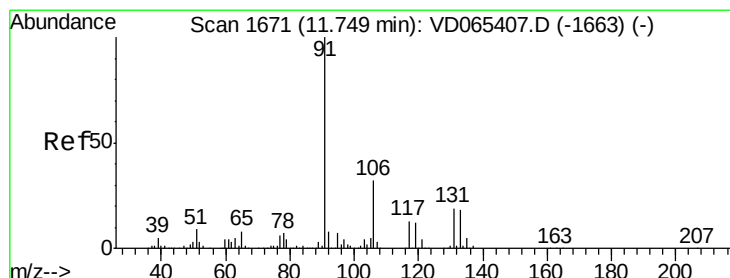
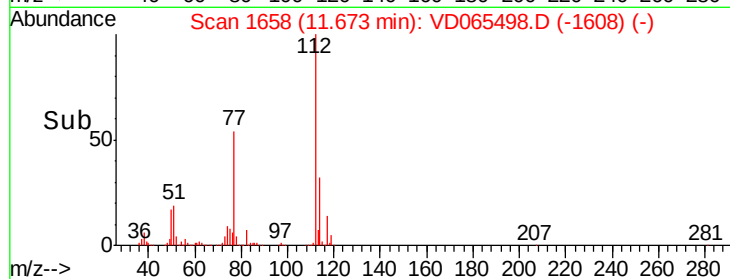
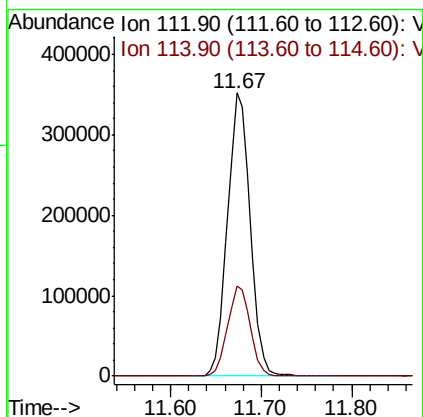
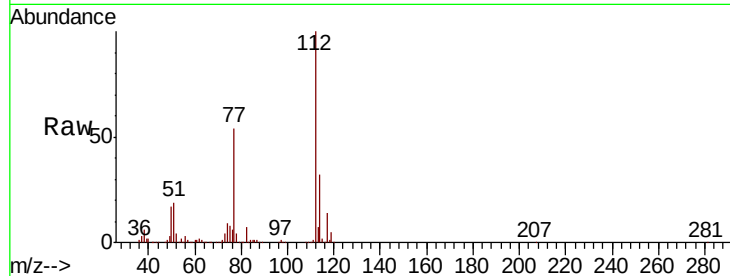




#65
Chlorobenzene
Concen: 50.812 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

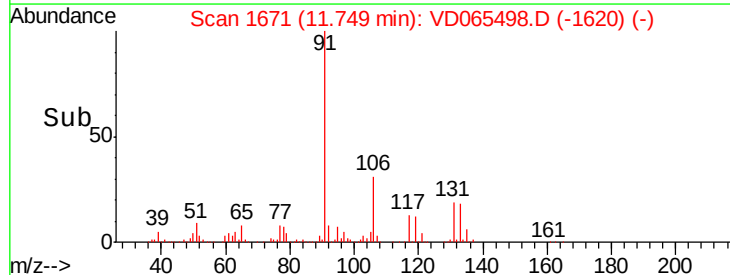
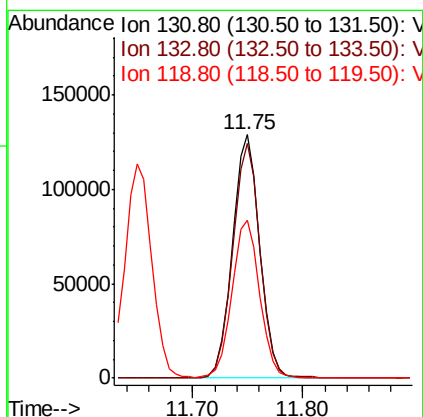
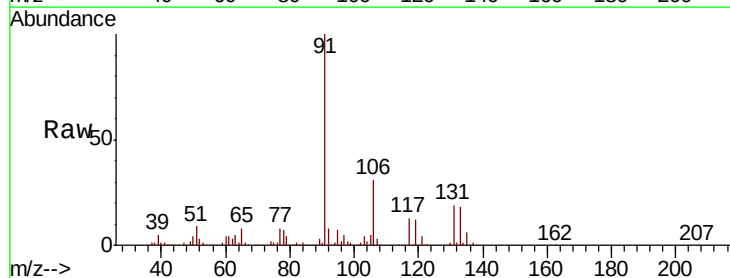
Instrument :
MSVOA_D
ClientSampled :

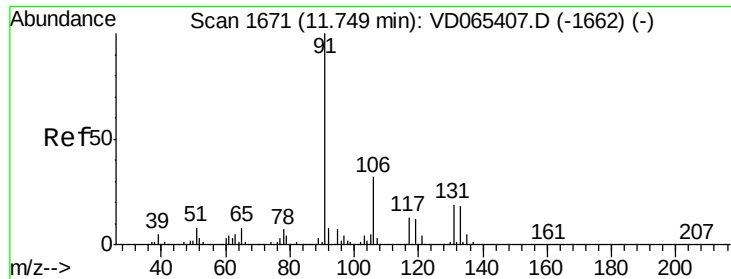
Tot Ion:112 Resp: 611851
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.916 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion:131 Resp: 223294
Ion Ratio Lower Upper
131 100
133 96.8 49.2 147.6
119 66.1 33.3 99.8

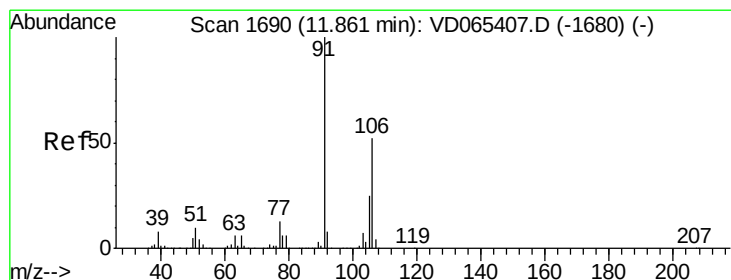
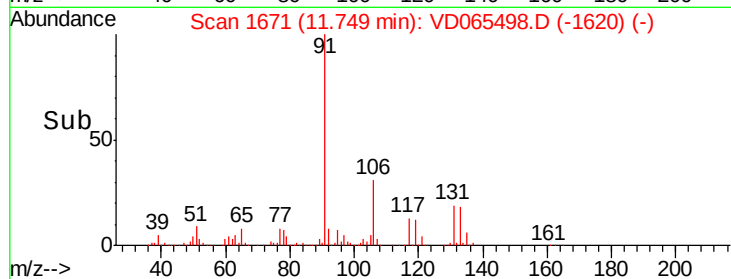
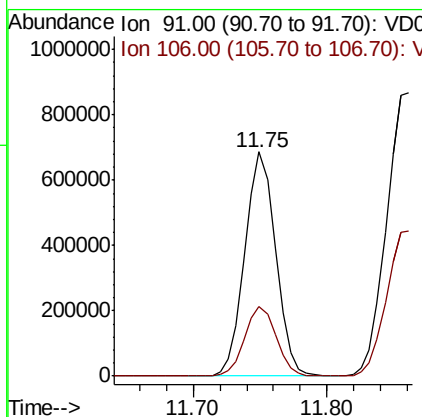
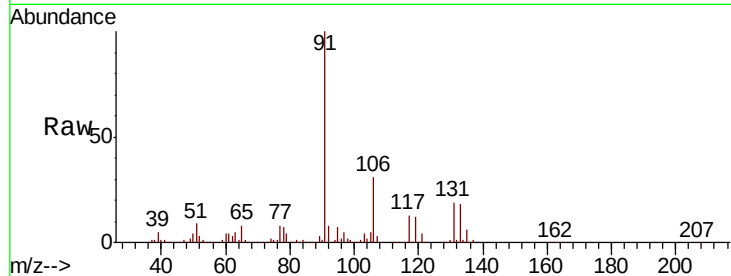




#67
Ethyl Benzene
Concen: 52.715 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

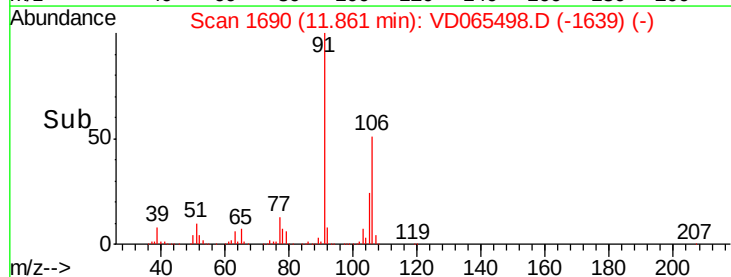
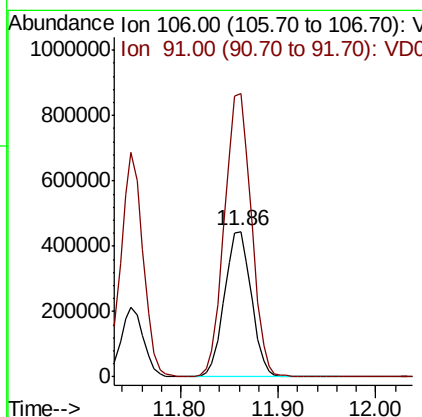
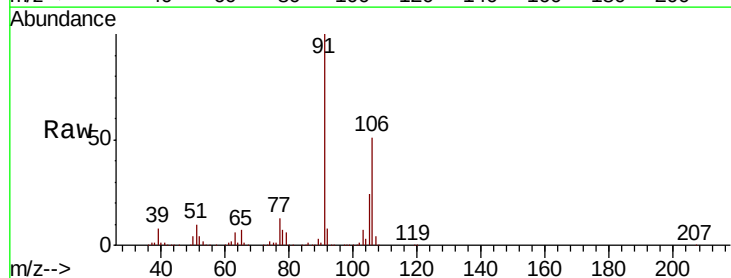
Instrument :
MSVOA_D
ClientSampled :

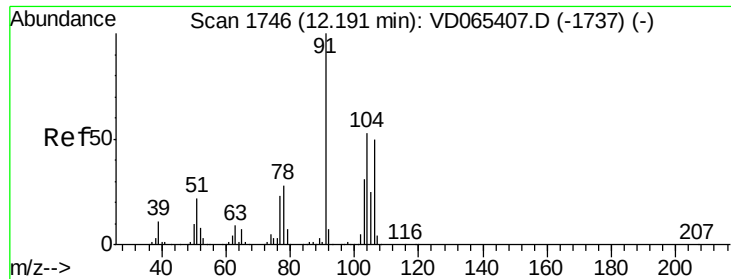
Tot Ion: 91 Resp: 1096801
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 106.116 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 106 Resp: 851338
Ion Ratio Lower Upper
106 100
91 195.7 155.9 233.9

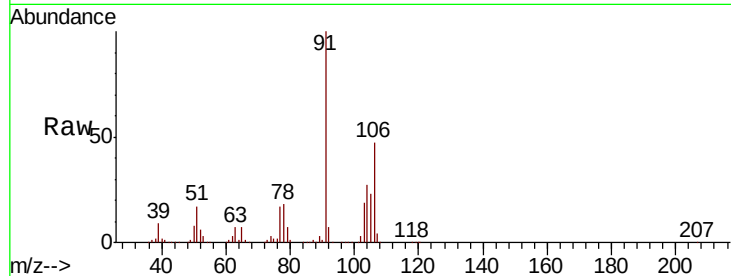




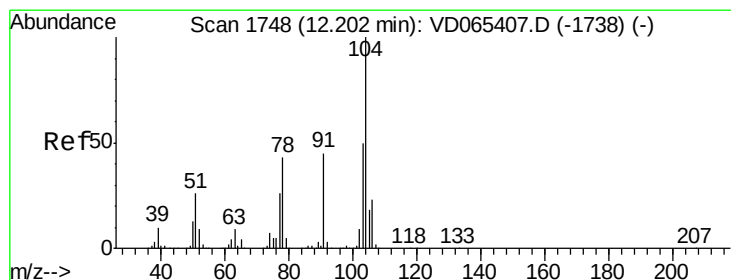
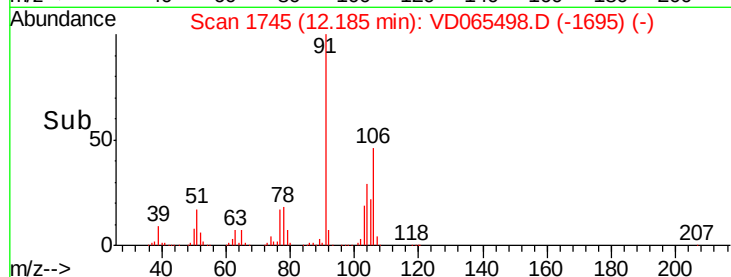
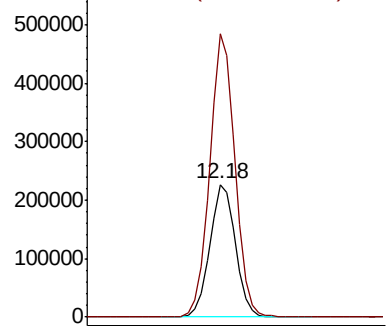
#69
o-Xylene
Concen: 52.338 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 369350
Ion Ratio Lower Upper
106 100
91 209.6 103.5 310.3

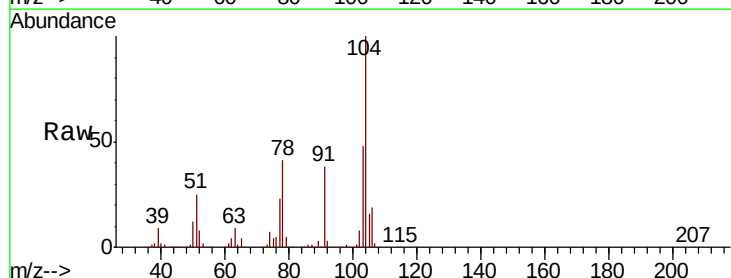


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

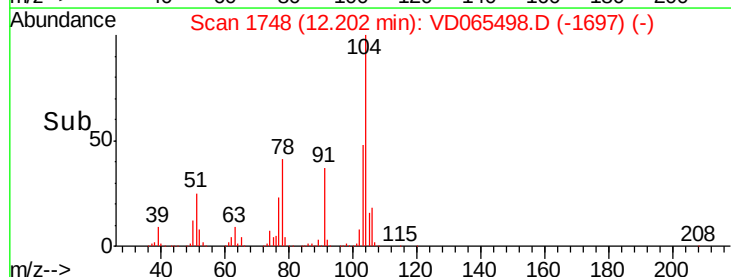
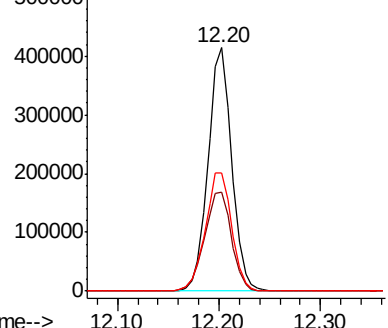


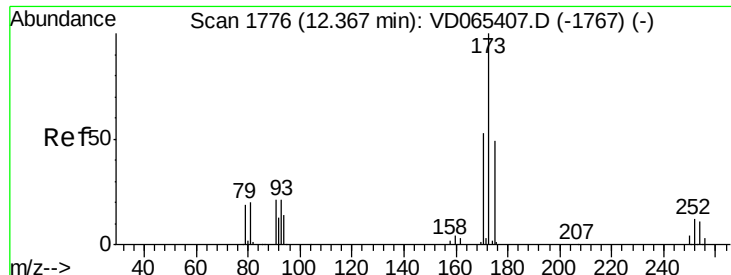
#70
Styrene
Concen: 53.935 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion:104 Resp: 669875
Ion Ratio Lower Upper
104 100
78 46.3 37.7 56.5
103 54.4 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.046 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

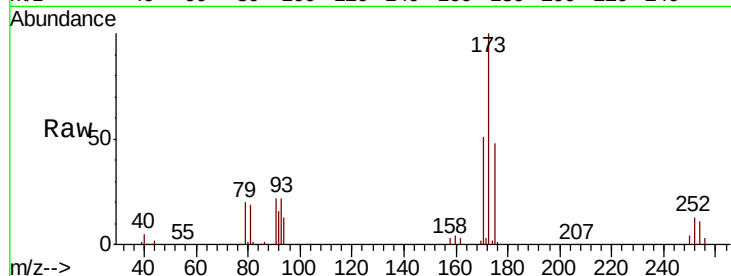
Tot Ion:173 Resp: 125746

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

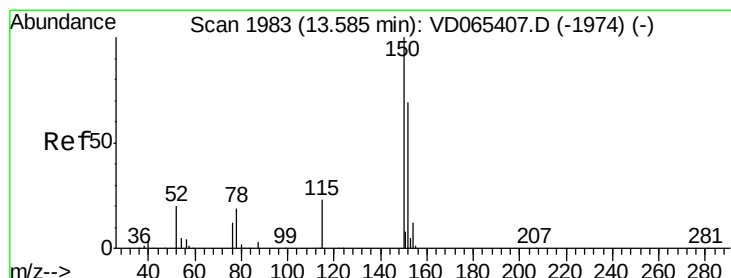
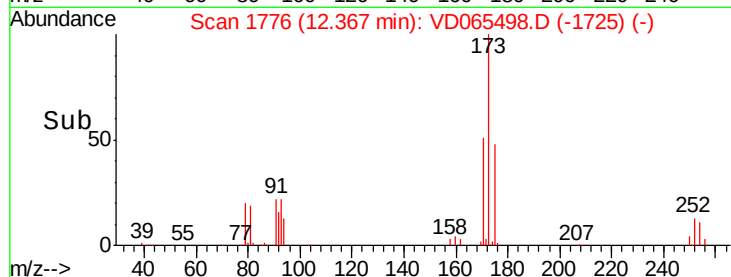
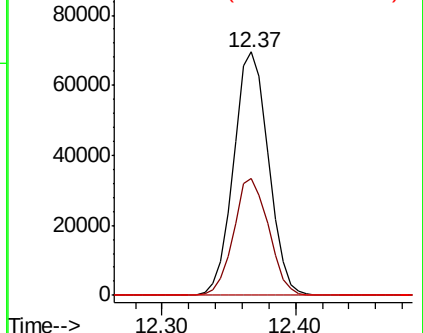
254 0.0 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

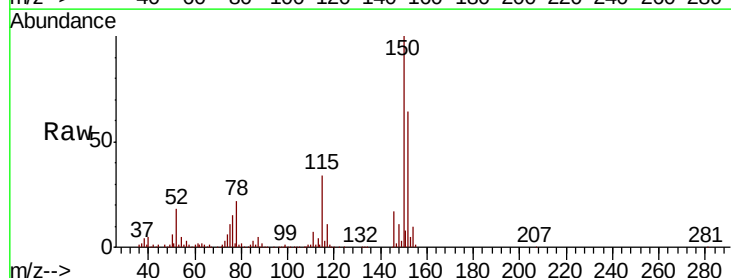
Tgt Ion:152 Resp: 308171

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

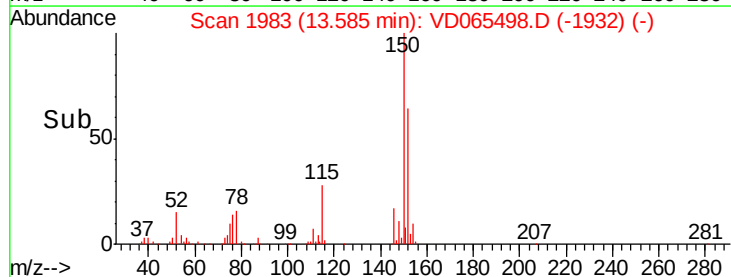
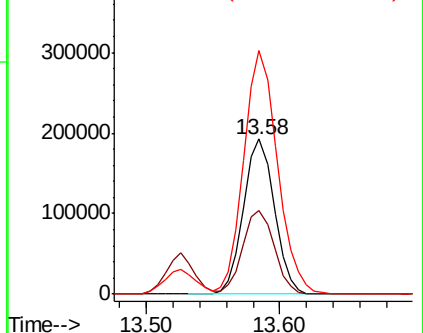
150 171.2 0.0 345.0

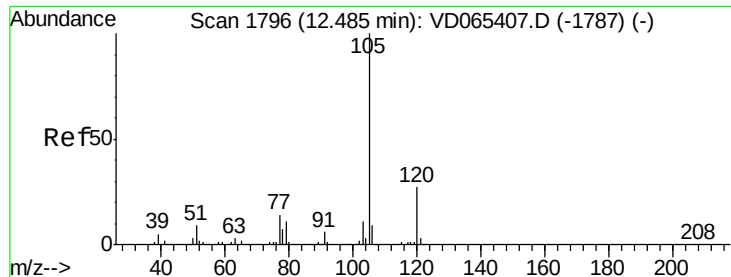


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.531 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

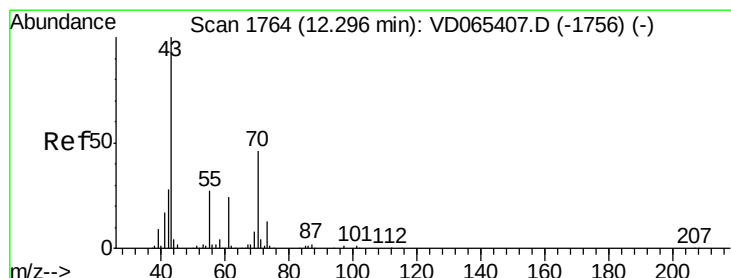
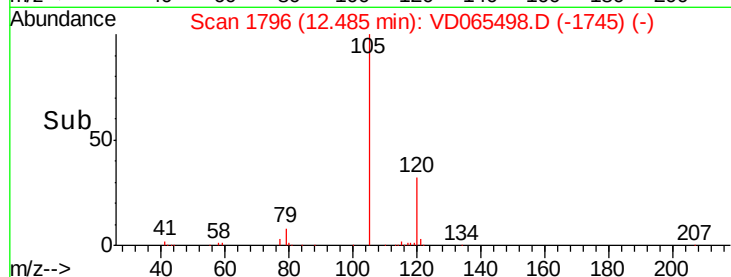
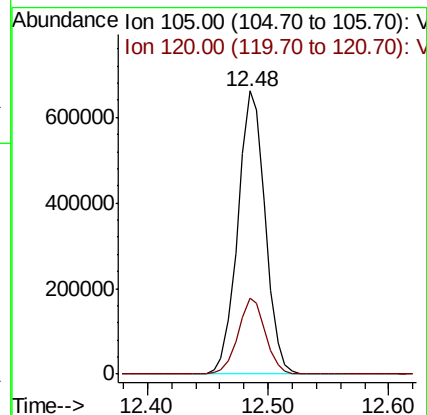
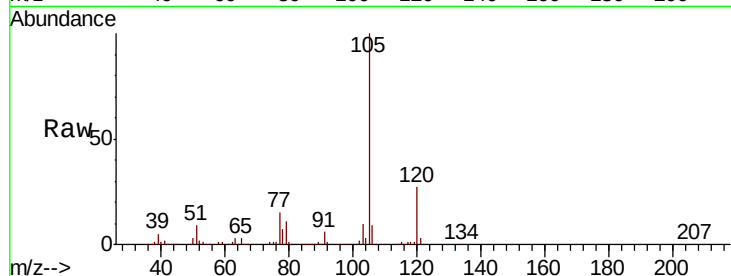
ClientSampleId :

Tot Ion:105 Resp: 1044529

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 47.712 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Tgt Ion: 43 Resp: 197991

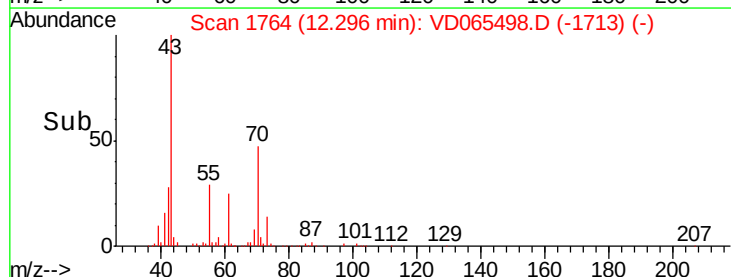
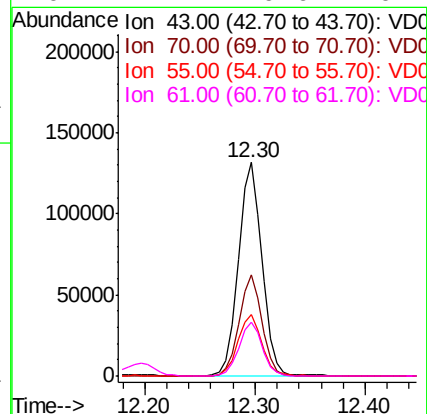
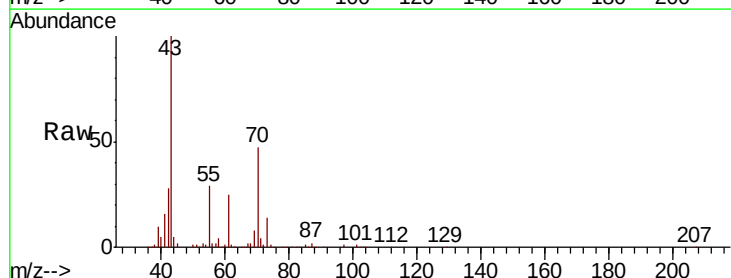
Ion Ratio Lower Upper

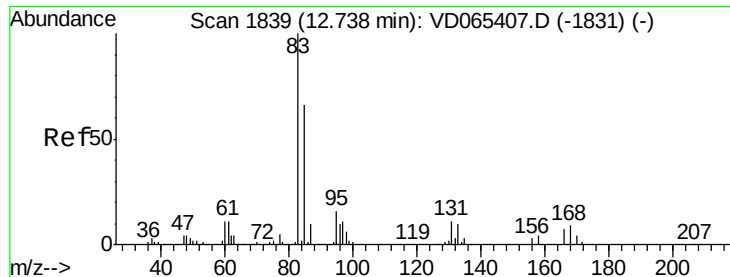
43 100

70 45.7 36.1 54.1

55 29.3 21.6 32.4

61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.305 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

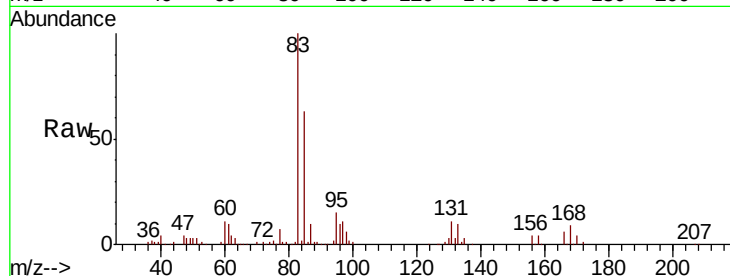
Tot Ion: 83 Resp: 172109

Ion Ratio Lower Upper

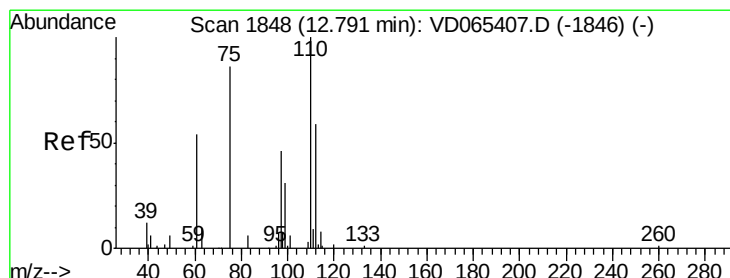
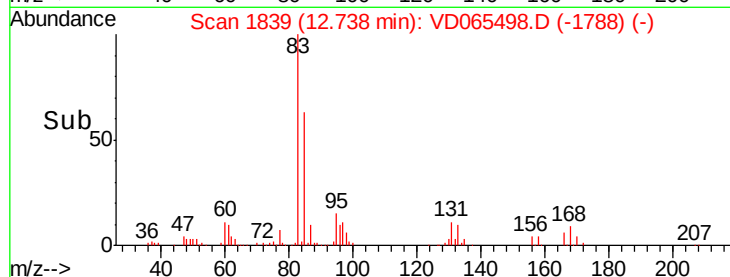
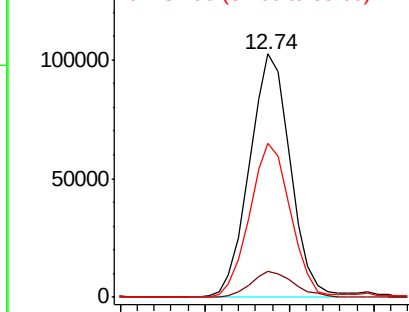
83 100

131 11.4 5.4 16.2

85 64.1 33.0 98.9



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: 92.220 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065498.D

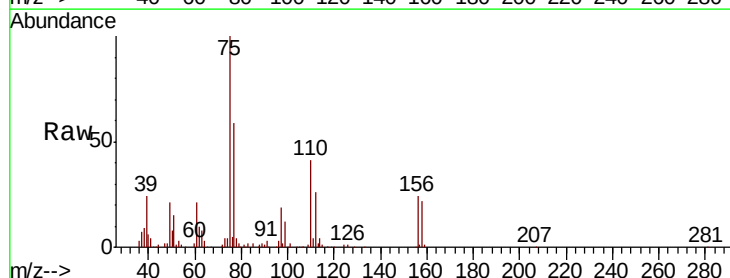
Acq: 13 Mar 2020 10:38

Tgt Ion: 75 Resp: 224254

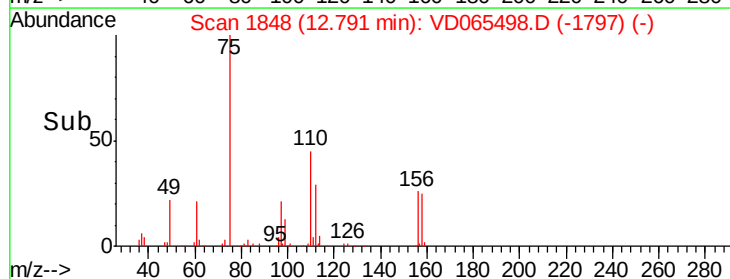
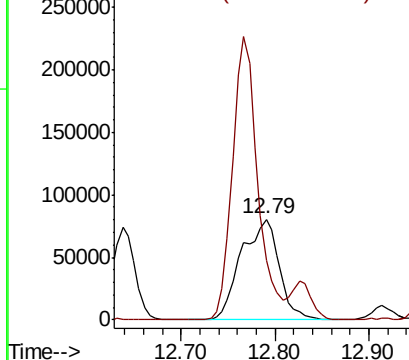
Ion Ratio Lower Upper

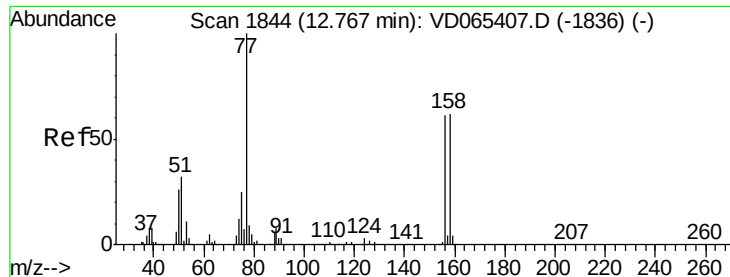
75 100

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: 49.647 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

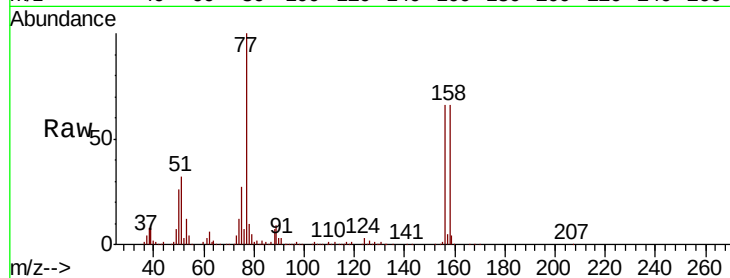
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:156 Resp: 250023

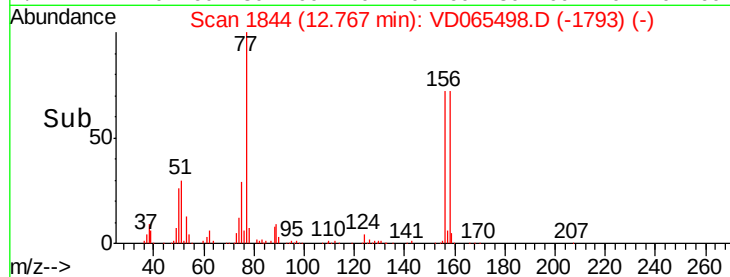
Ion	Ratio	Lower	Upper
156	100		
77	168.2	84.9	254.6
158	98.1	49.0	147.2



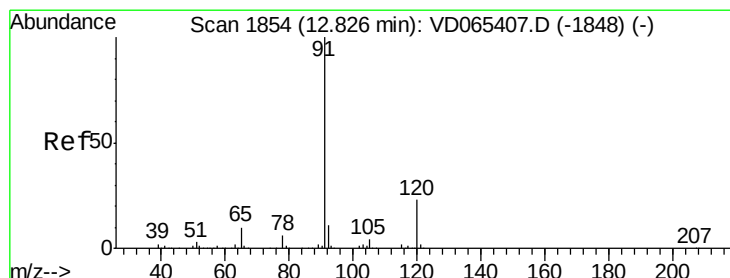
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 52.131 ug/l

RT: 12.83 min Scan# 1854

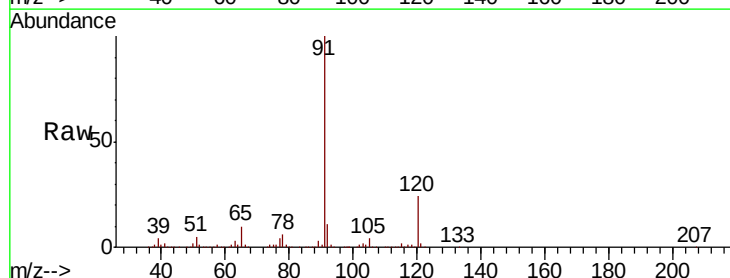
Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

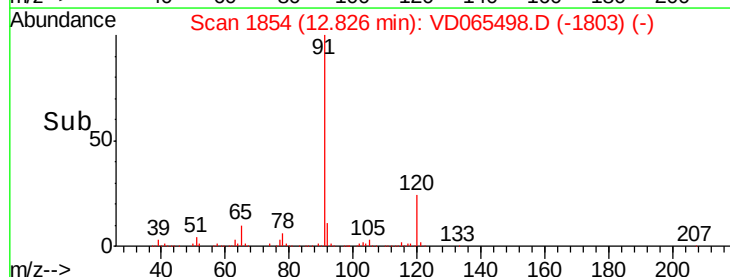
Tgt Ion: 91 Resp: 1253763

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5

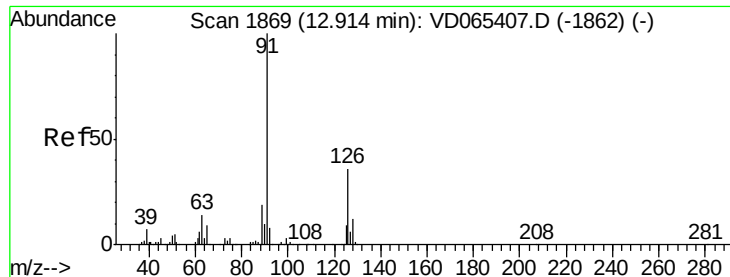


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



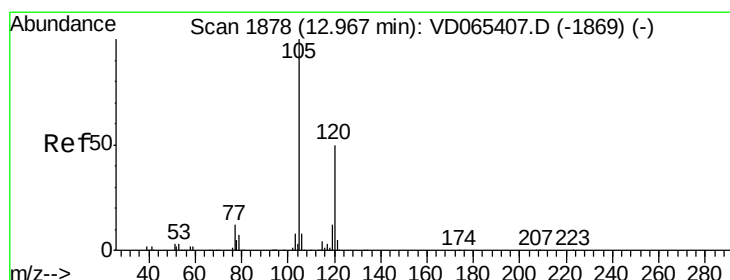
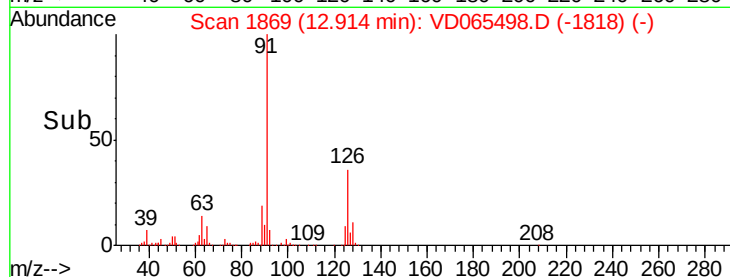
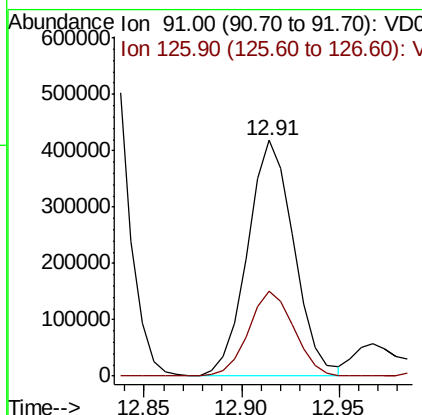
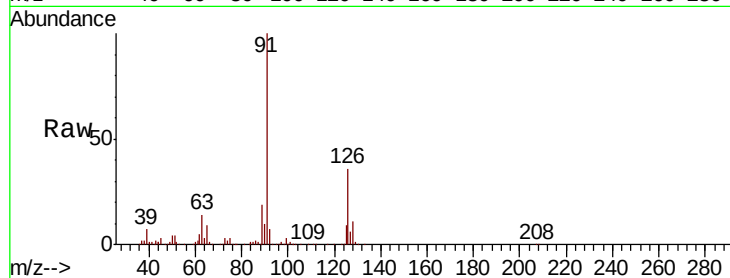
Time-->



#79
2-Chlorotoluene
Concen: 50.632 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

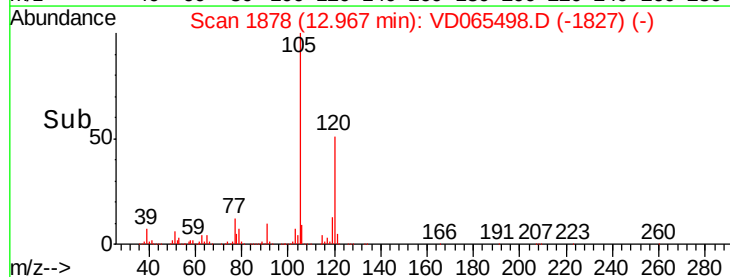
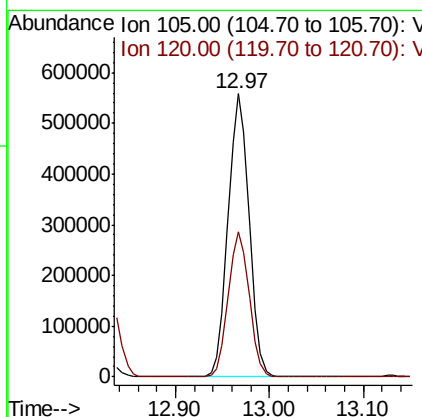
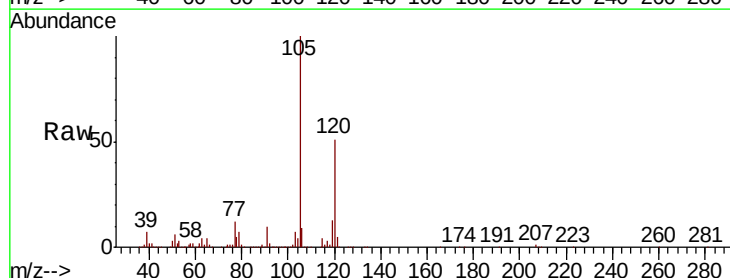
Instrument :
MSVOA_D
ClientSampled :

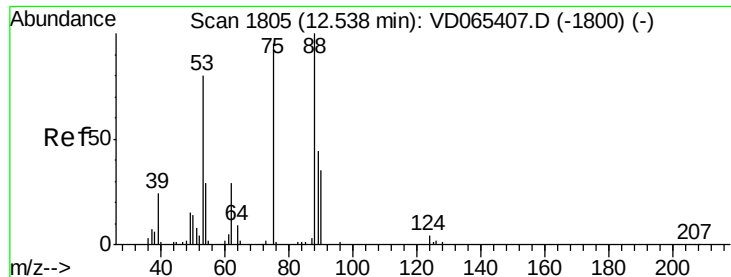
Tot Ion: 91 Resp: 686288
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 52.012 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion: 105 Resp: 866741
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.797 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampled :

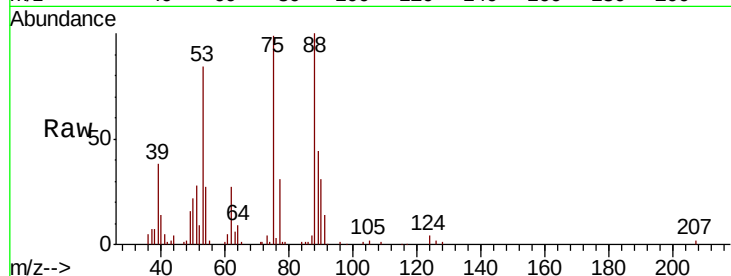
Tot Ion: 75 Resp: 57382

Ion Ratio Lower Upper

75 100

53 87.6 71.3 106.9

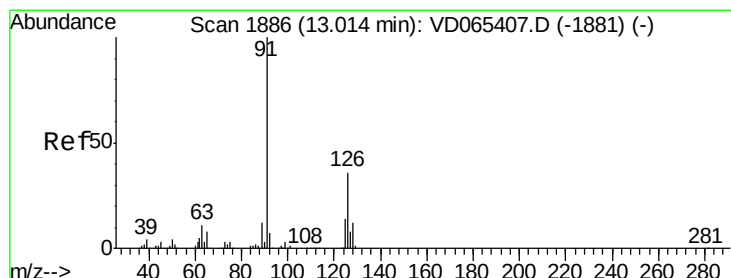
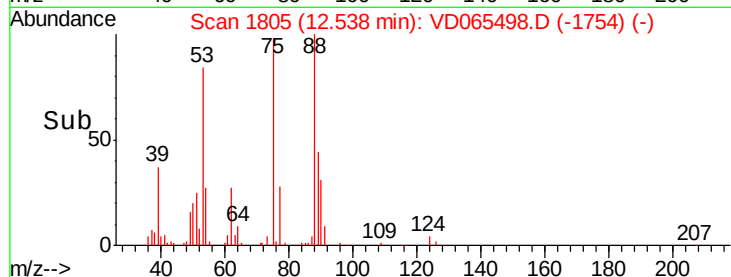
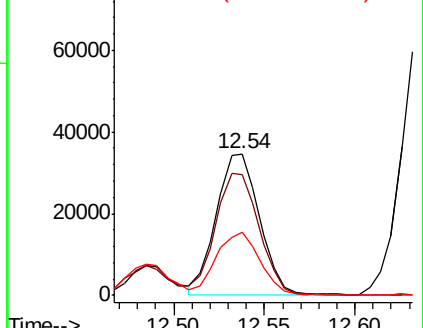
89 45.4 37.0 55.6



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: 50.367 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065498.D

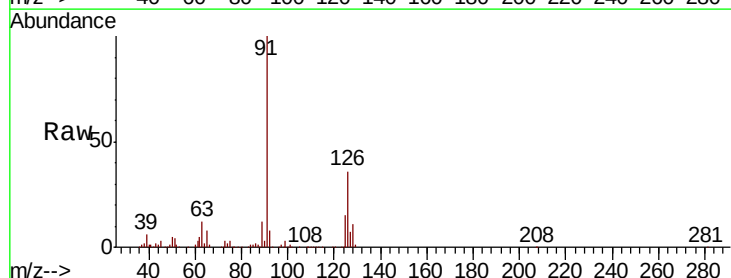
Acq: 13 Mar 2020 10:38

Tgt Ion: 91 Resp: 717390

Ion Ratio Lower Upper

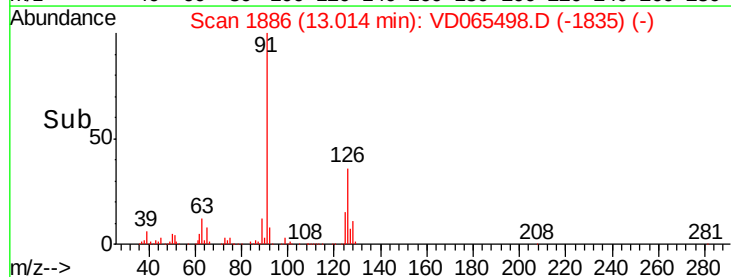
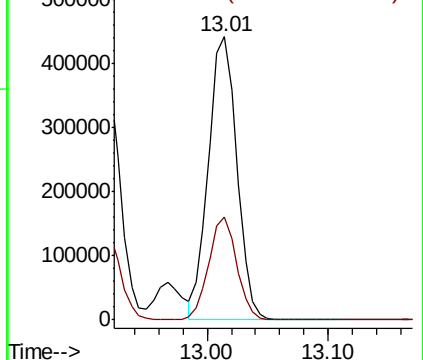
91 100

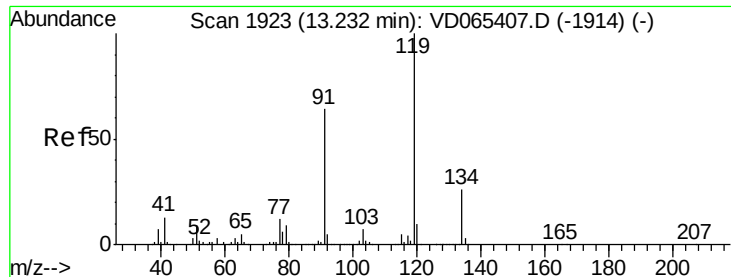
126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

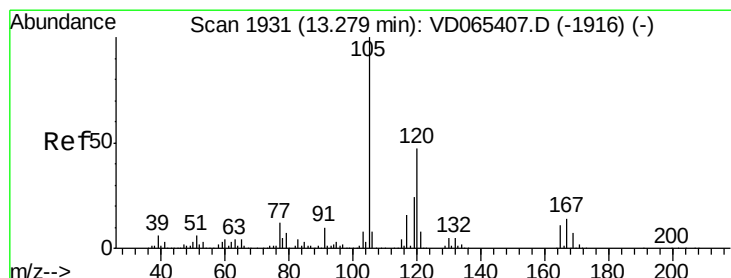
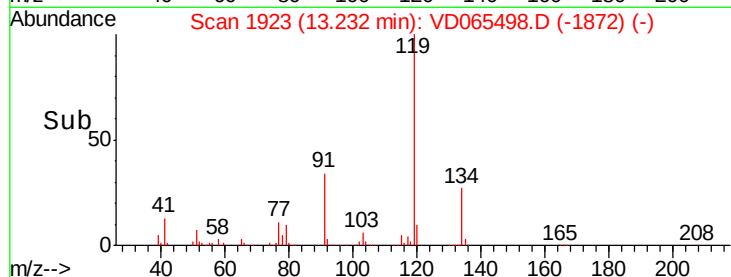
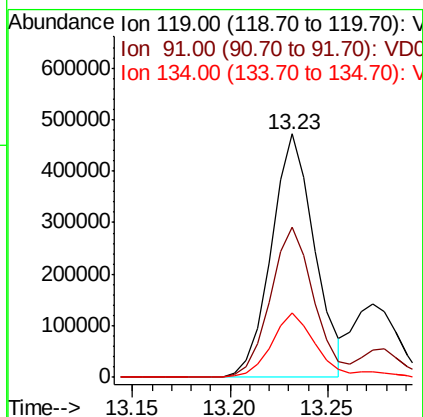
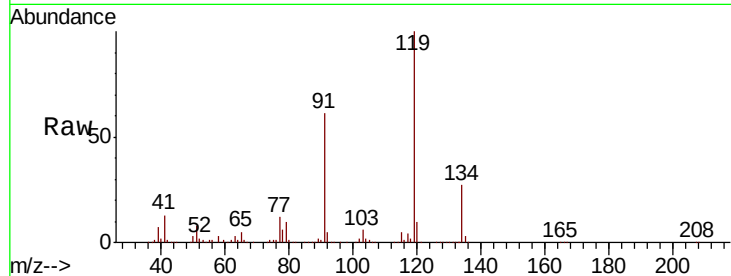




#83
 tert-Butylbenzene
 Concen: 51.406 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

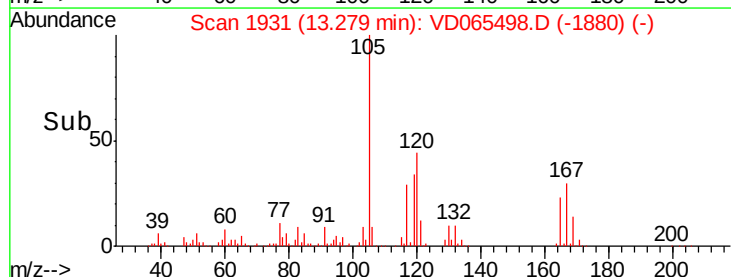
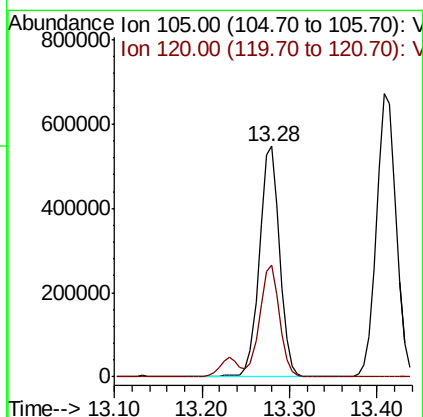
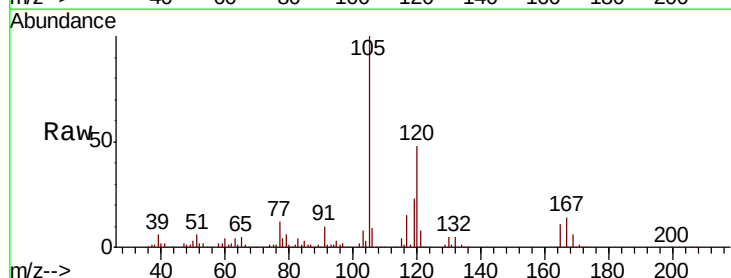
Instrument :
 MSVOA_D
 ClientSampleID :

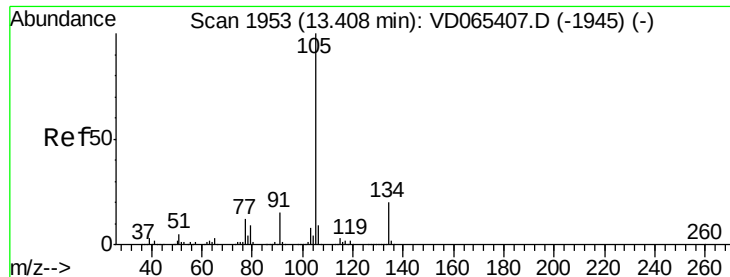
Tot Ion:119 Resp: 724723
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.6 95.0
 134 28.2 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.812 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion:105 Resp: 867498
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 52.292 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

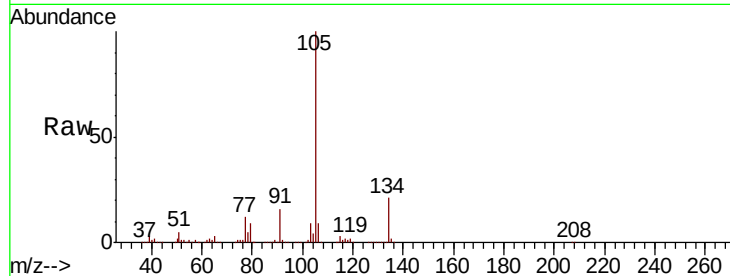
ClientSampleId :

Tot Ion:105 Resp: 1052317

Ion Ratio Lower Upper

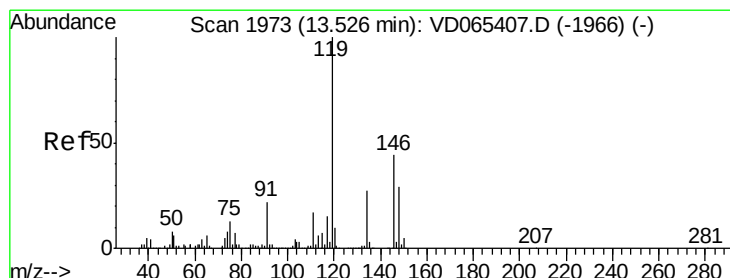
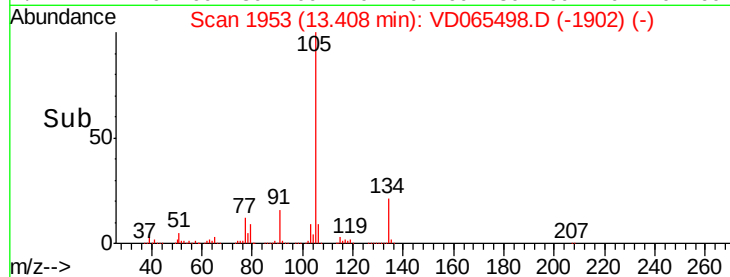
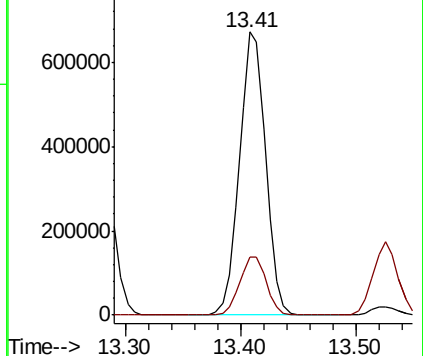
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.685 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

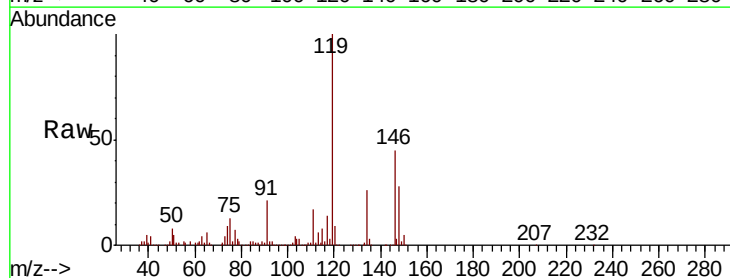
Tgt Ion:119 Resp: 985802

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

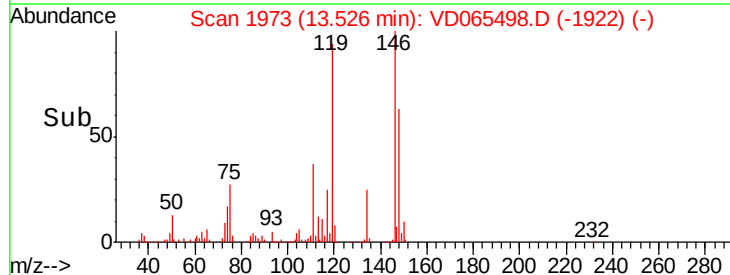
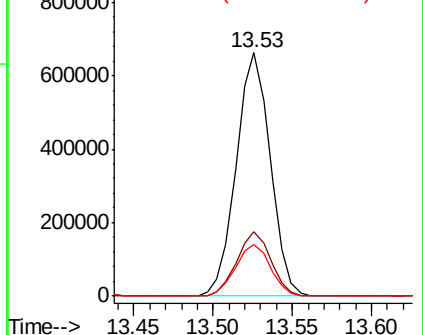
91 21.6 10.9 32.6

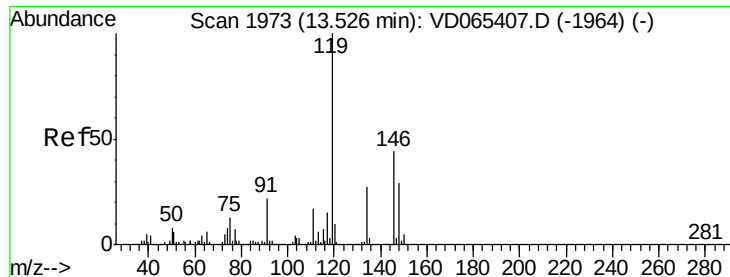


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

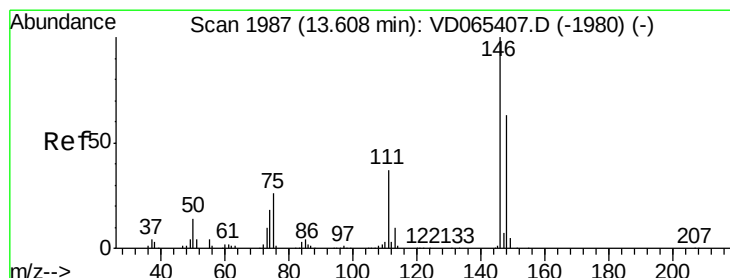
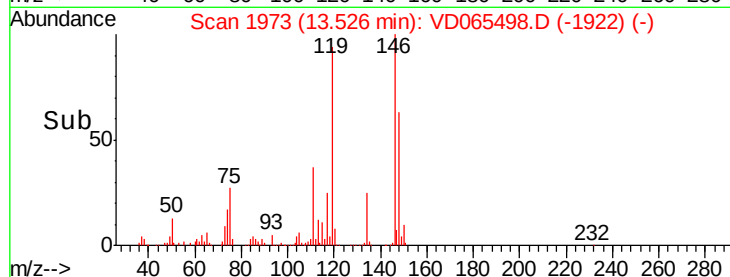
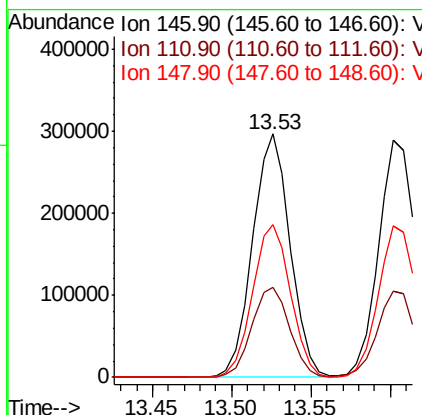
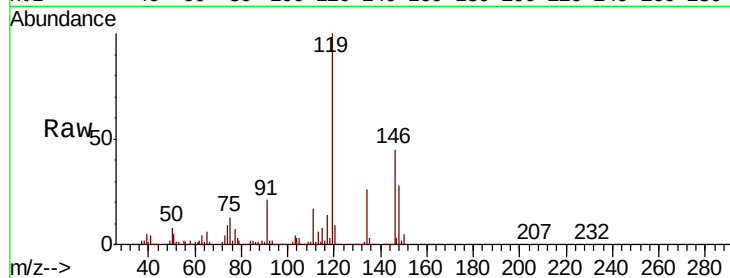




#87
 1,3-Dichlorobenzene
 Concen: 50.365 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

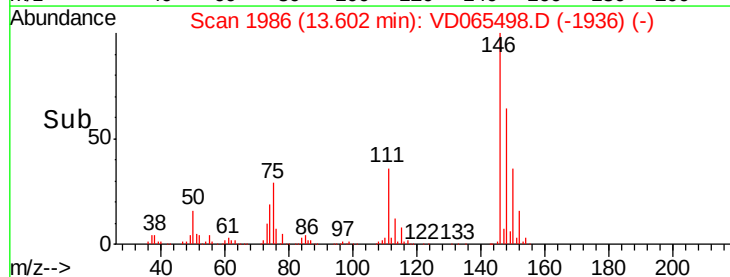
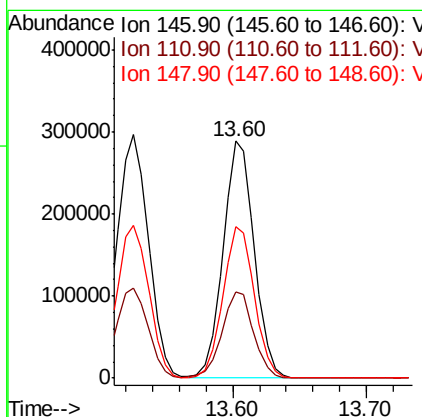
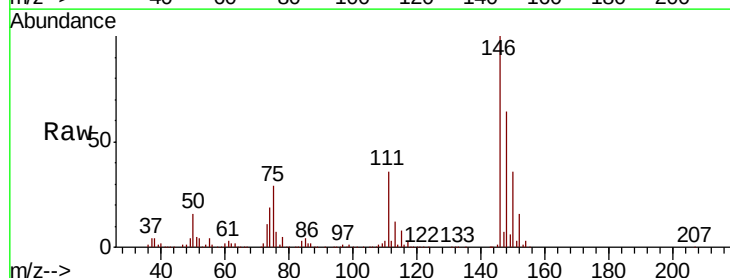
Instrument :
 MSVOA_D
 ClientSampleId :

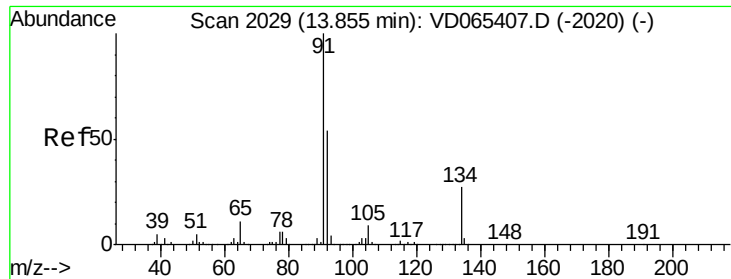
Tot Ion:146 Resp: 487641
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.016 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion:146 Resp: 472081
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.5 55.5
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 52.049 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

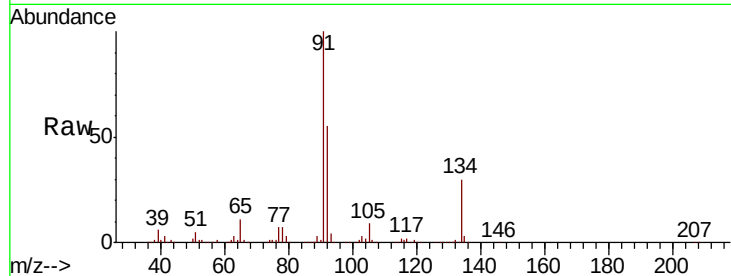
Tot Ion: 91 Resp: 883597

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.4

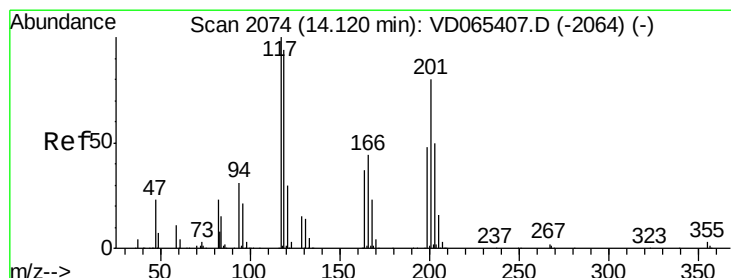
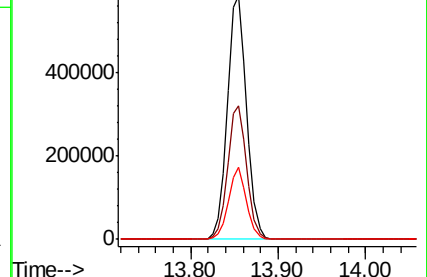
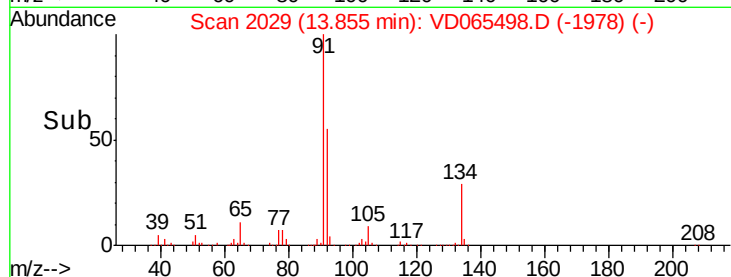
134 27.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.213 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD065498.D

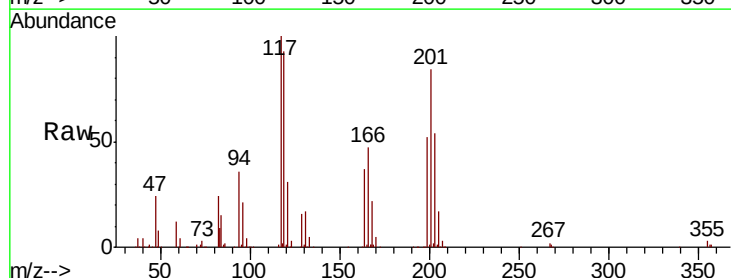
Acq: 13 Mar 2020 10:38

Tgt Ion: 117 Resp: 189885

Ion Ratio Lower Upper

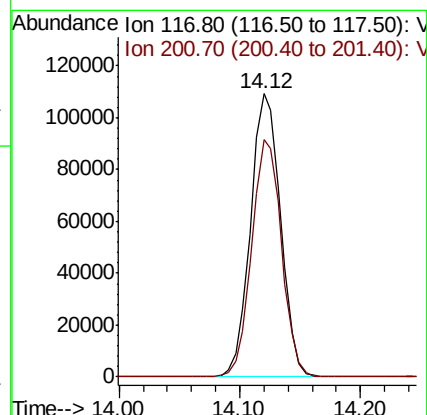
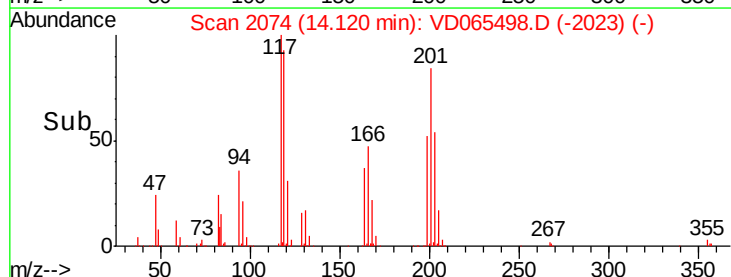
117 100

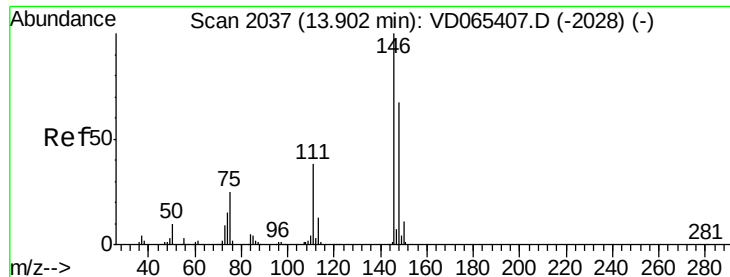
201 83.1 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.221 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

Instrument :

MSVOA_D

ClientSampleId :

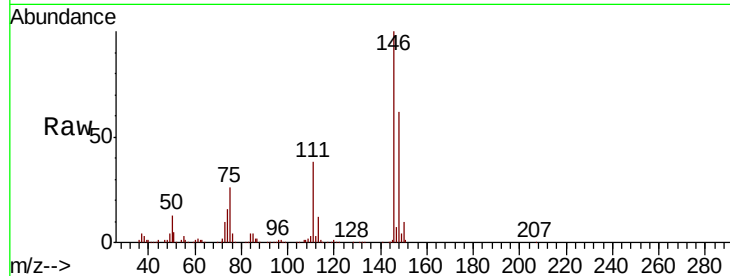
Tot Ion:146 Resp: 413790

Ion Ratio Lower Upper

146 100

111 38.7 19.8 59.3

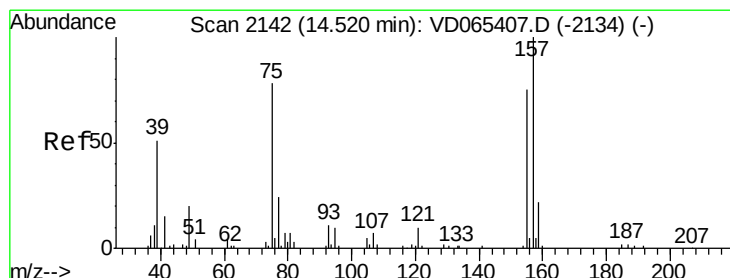
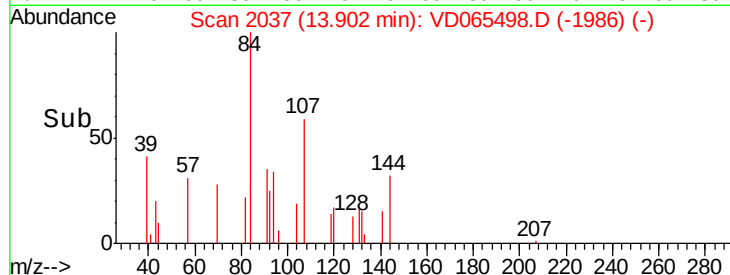
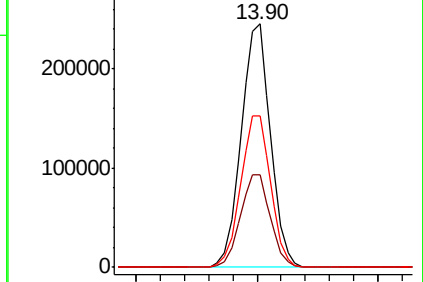
148 63.7 32.6 97.8



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: 46.225 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD065498.D

Acq: 13 Mar 2020 10:38

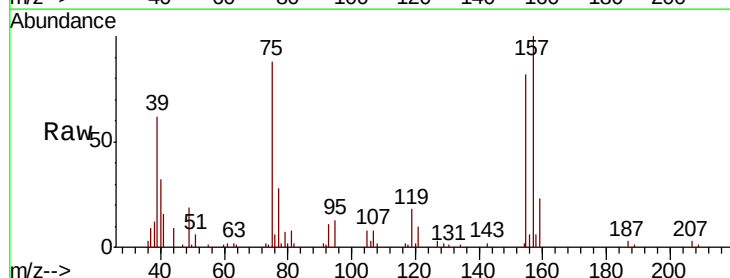
Tgt Ion: 75 Resp: 25083

Ion Ratio Lower Upper

75 100

155 92.3 46.4 139.1

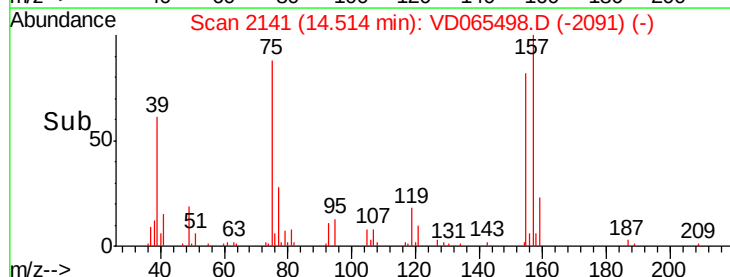
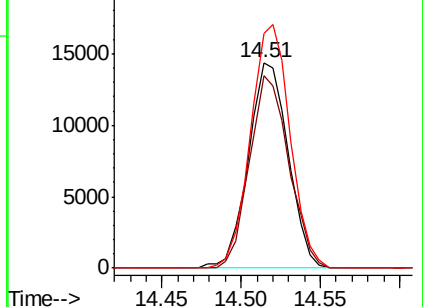
157 117.8 60.2 180.4

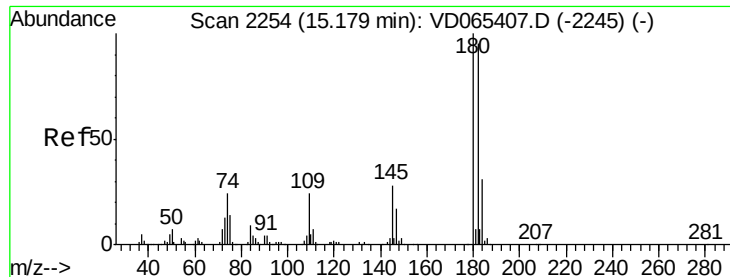


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

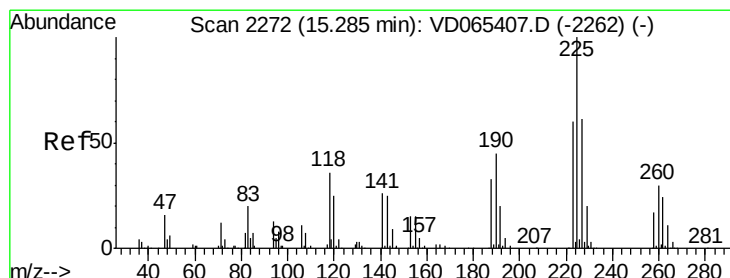
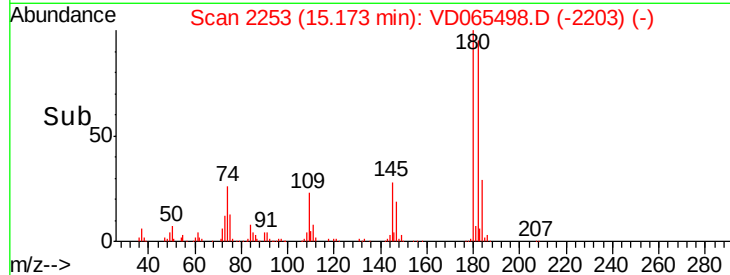
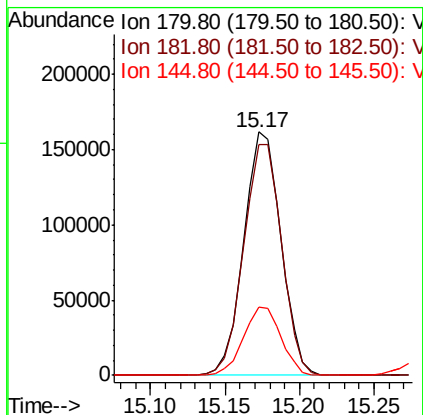
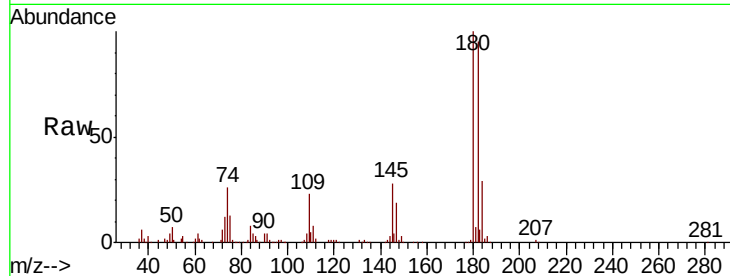




#93
 1,2,4-Trichlorobenzene
 Concen: 49.826 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

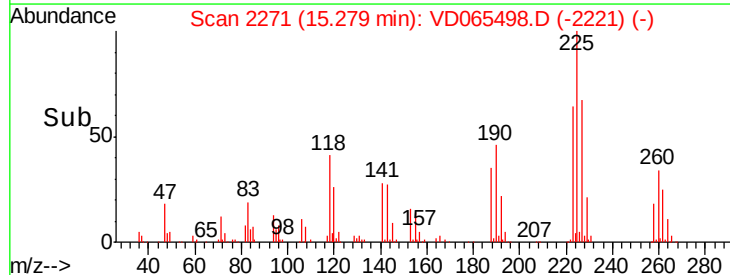
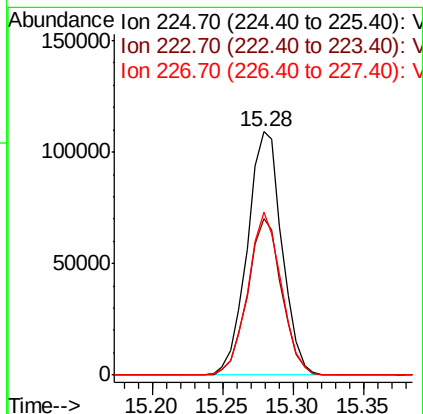
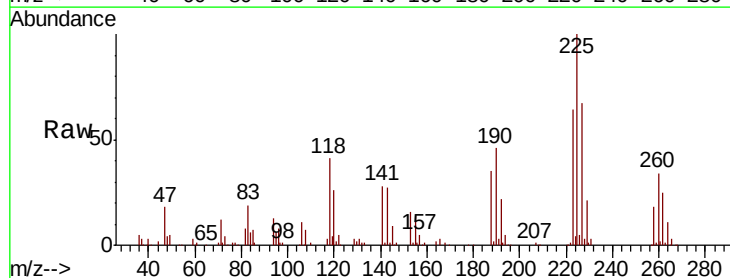
Instrument :
 MSVOA_D
 ClientSampleId :

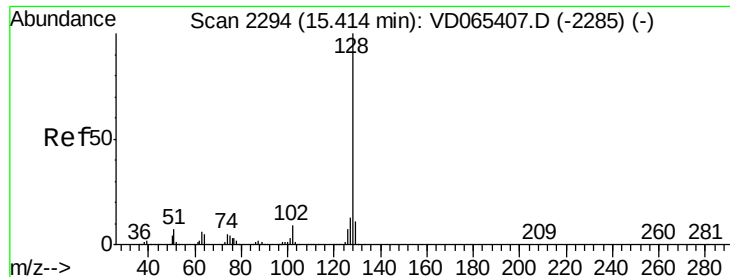
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	28.3	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 51.256 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065498.D
 Acq: 13 Mar 2020 10:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.5
227	64.5	31.6	94.7

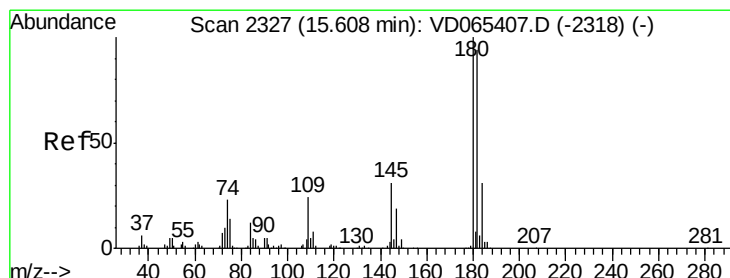
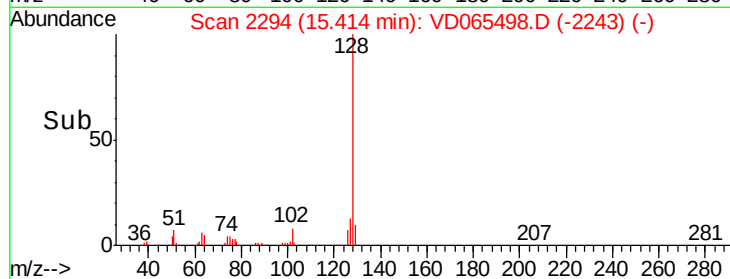
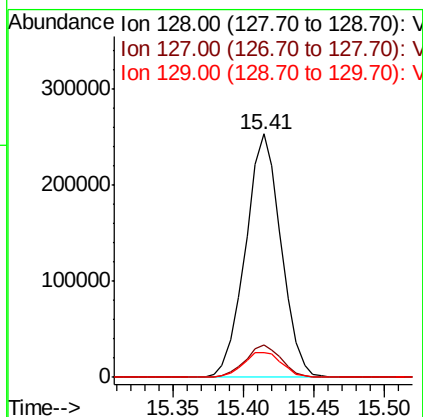
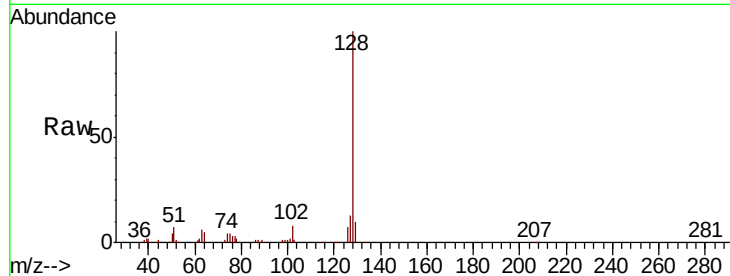




#95
Naphthalene
Concen: 45.385 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 447281
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.595 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065498.D
Acq: 13 Mar 2020 10:38

Tgt Ion:180 Resp: 248983
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 29.4 15.0 45.1

