

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD065001.D
 Acq On : 29 Jan 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 22:12:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	446871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	594354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	215859	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	210589	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.34	98	790649	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.64	95	247782	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	158685	47.136	ug/l	95
3) Chloromethane	2.21	50	240025	48.647	ug/l	96
4) Vinyl Chloride	2.35	62	266159	46.967	ug/l	98
5) Bromomethane	2.77	94	170139	44.632	ug/l	100
6) Chloroethane	2.93	64	176303	47.189	ug/l	98
7) Trichlorofluoromethane	3.27	101	413489	47.245	ug/l	98
8) Diethyl Ether	3.71	74	97251	49.222	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	200319	49.196	ug/l	99
10) Methyl Iodide	4.30	142	207368	47.978	ug/l	99
11) Tert butyl alcohol	5.26	59	54810	231.390	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	190114	48.874	ug/l	94
13) Acrolein	3.93	56	80295	270.403	ug/l	96
14) Allyl chloride	4.71	41	312793	50.418	ug/l	99
15) Acrylonitrile	5.43	53	219788	256.885	ug/l	97
16) Acetone	4.17	43	186429	178.358	ug/l	100
17) Carbon Disulfide	4.40	76	600623	46.916	ug/l	100
18) Methyl Acetate	4.72	43	98862	49.245	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	445556	51.263	ug/l	97
20) Methylene Chloride	4.97	84	237993	58.138	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	221775	49.485	ug/l	98
22) Diisopropyl ether	6.37	45	649233	52.509	ug/l	98
23) Vinyl Acetate	6.31	43	1909010	263.710	ug/l	100
24) 1,1-Dichloroethane	6.27	63	383505	50.518	ug/l	97
25) 2-Butanone	7.23	43	276980	239.178	ug/l	96
26) 2,2-Dichloropropane	7.21	77	336109	48.812	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	241151	50.413	ug/l	100
28) Bromochloromethane	7.55	49	172590	56.848	ug/l	99
29) Tetrahydrofuran	7.57	42	180110	252.072	ug/l	98
30) Chloroform	7.72	83	397160	50.611	ug/l	100
31) Cyclohexane	7.98	56	343632	46.014	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	358652	49.128	ug/l	99
36) 1,1-Dichloropropene	8.11	75	305859	47.911	ug/l	99
37) Ethyl Acetate	7.30	43	130261	49.399	ug/l	99
38) Carbon Tetrachloride	8.10	117	329437	48.824	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	365028	48.908	ug/l	98
40) Benzene	8.36	78	872092	49.601	ug/l	99
41) Methacrylonitrile	7.57	41	178894	125.938	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	259060	49.463	ug/l	98
43) Isopropyl Acetate	8.46	43	245452	49.003	ug/l	100
44) Trichloroethene	9.12	130	241982	49.176	ug/l	97
45) 1,2-Dichloropropane	9.39	63	214629	50.355	ug/l	99
46) Dibromomethane	9.48	93	114528	49.216	ug/l	99
47) Bromodichloromethane	9.67	83	308238	50.905	ug/l	99
48) Methyl methacrylate	9.46	41	117776	51.095	ug/l	98
49) 1,4-Dioxane	9.47	88	27733	1027.581	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	637122	254.211	ug/l	100
52) Toluene	10.41	92	560428	49.439	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	295721	51.270	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	343728	50.899	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	155483	49.603	ug/l	98
56) Ethyl methacrylate	10.67	69	198780	53.031	ug/l	100
57) 1,3-Dichloropropane	10.95	76	274401	51.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	317729	255.145	ug/l	99
59) 2-Hexanone	10.99	43	423544	244.999	ug/l	99
60) Dibromochloromethane	11.15	129	211076	50.382	ug/l	99
61) 1,2-Dibromoethane	11.26	107	151645	50.243	ug/l	98
64) Tetrachloroethene	10.88	164	203649	47.416	ug/l	99
65) Chlorobenzene	11.68	112	591771	49.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	224661	49.502	ug/l	99
67) Ethyl Benzene	11.75	91	1085276	50.657	ug/l	97
68) m/p-Xylenes	11.86	106	848694	102.888	ug/l	99
69) o-Xylene	12.19	106	380205	51.935	ug/l	99
70) Styrene	12.20	104	686071	52.608	ug/l	100
71) Bromoform	12.37	173	125316	49.673	ug/l	99
73) Isopropylbenzene	12.48	105	1027673	51.176	ug/l	99
74) N-amyl acetate	12.30	43	226252	50.351	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	166738	49.403	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	224843	92.202	ug/l #	100
77) Bromobenzene	12.77	156	249292	50.738	ug/l	100
78) n-propylbenzene	12.83	91	1206735	50.531	ug/l	99
79) 2-Chlorotoluene	12.91	91	658161	50.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	838162	50.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	55751	48.816	ug/l	98
82) 4-Chlorotoluene	13.01	91	706344	50.840	ug/l	99
83) tert-Butylbenzene	13.23	119	733528	52.526	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	853687	51.209	ug/l	100
85) sec-Butylbenzene	13.41	105	982847	49.705	ug/l	100
86) p-Isopropyltoluene	13.53	119	944849	51.064	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	478267	50.733	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	461026	49.273	ug/l	99
89) n-Butylbenzene	13.86	91	842758	49.908	ug/l	99
90) Hexachloroethane	14.12	117	176215	49.385	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	403116	50.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	25455	47.129	ug/l	94

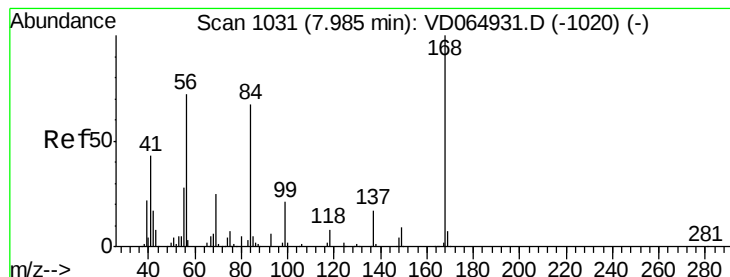
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	279624	50.502	ug/l	99
94) Hexachlorobutadiene	15.28	225	166497	47.541	ug/l	97
95) Naphthalene	15.41	128	468507	52.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	243636	50.750	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

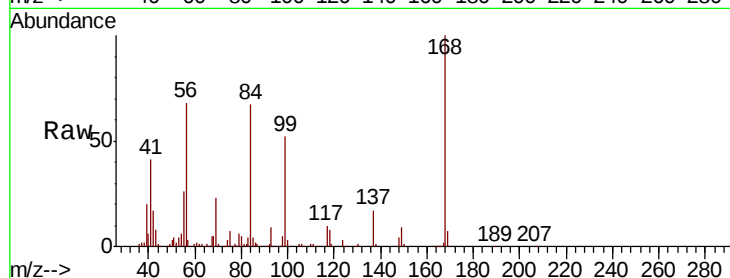
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 446871

Ion Ratio Lower Upper

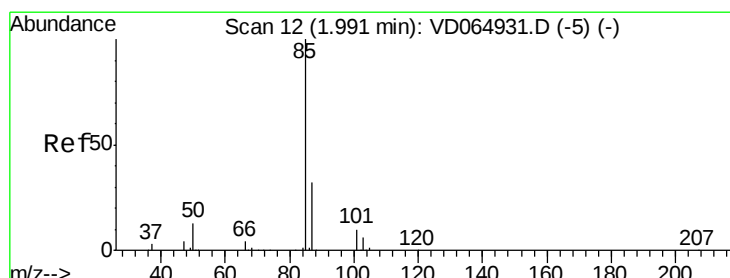
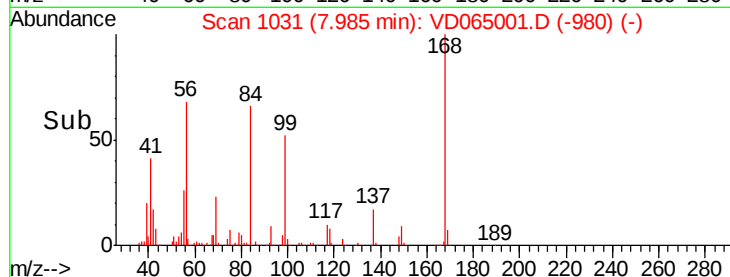
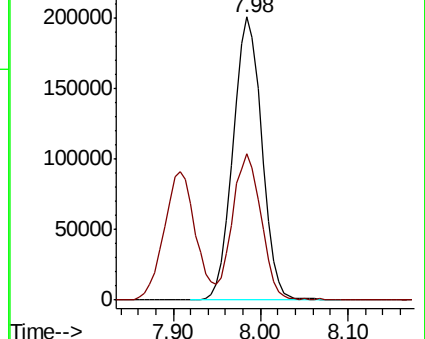
168 100

99 51.6 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.136 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065001.D

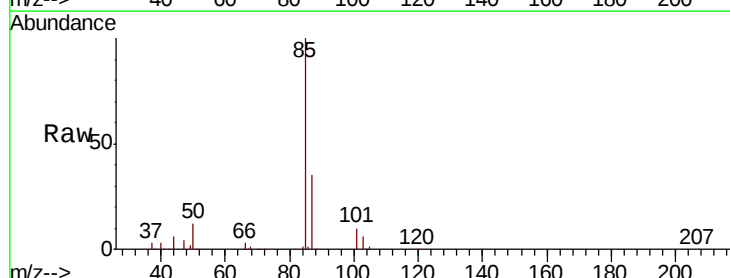
Acq: 29 Jan 2020 17:53

Tgt Ion: 85 Resp: 158685

Ion Ratio Lower Upper

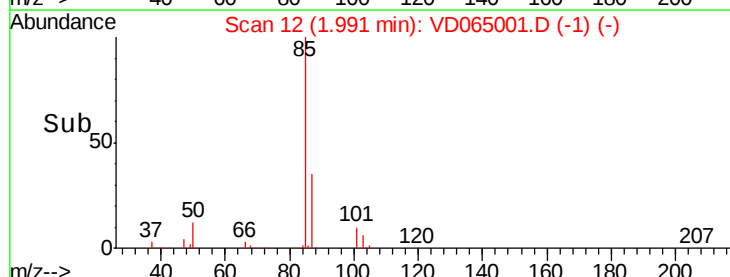
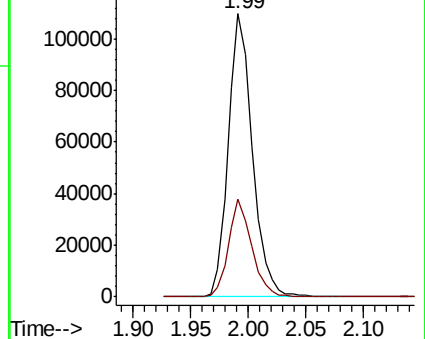
85 100

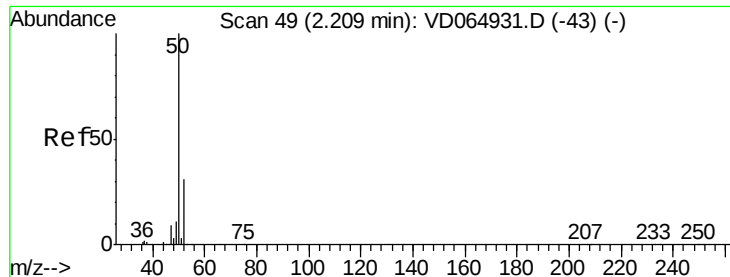
87 34.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.647 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

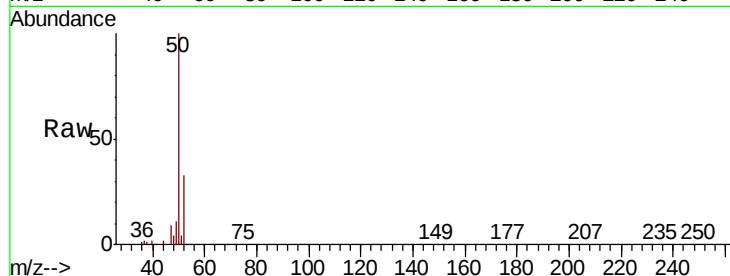
Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 240025

Ion	Ratio	Lower	Upper
50	100		
52	32.9	24.6	36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

150000

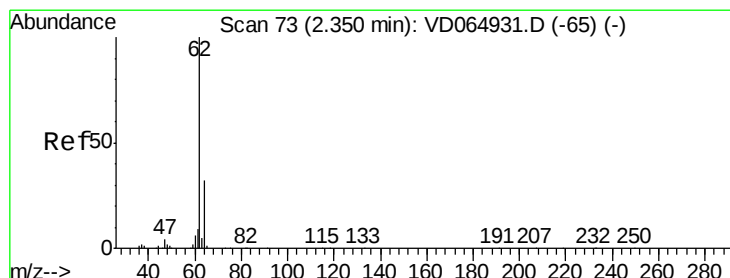
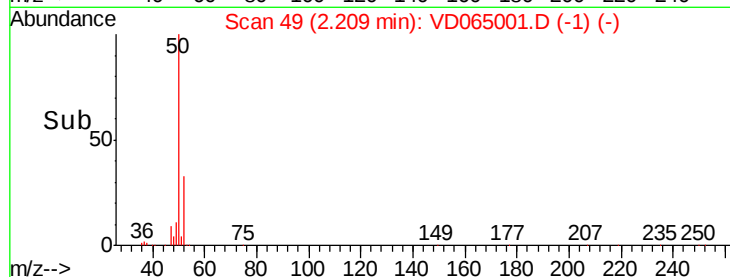
100000

50000

0

2.15 2.20 2.25 2.30

Time-->



#4

Vinyl Chloride

Concen: 46.967 ug/l

RT: 2.35 min Scan# 73

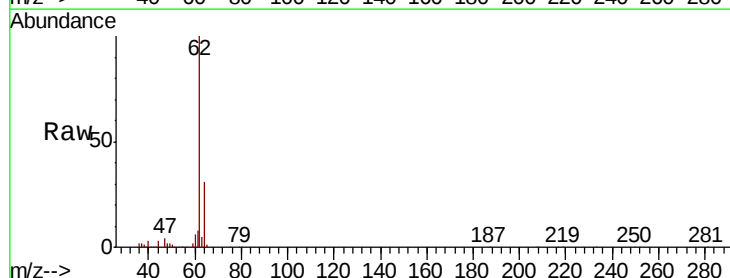
Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Tgt Ion: 62 Resp: 266159

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.6	38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

150000

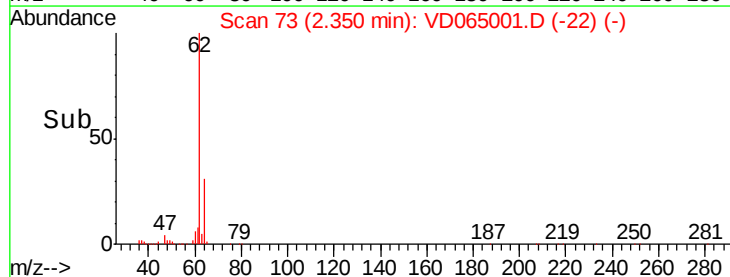
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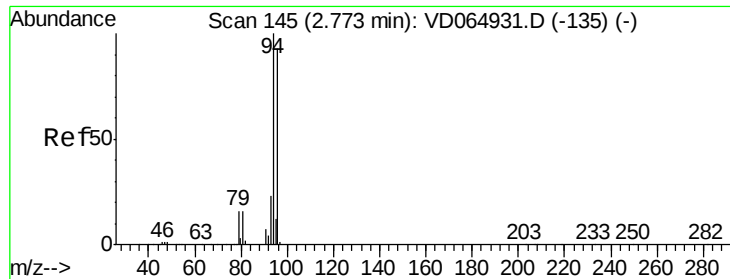
50000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#5

Bromomethane

Concen: 44.632 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

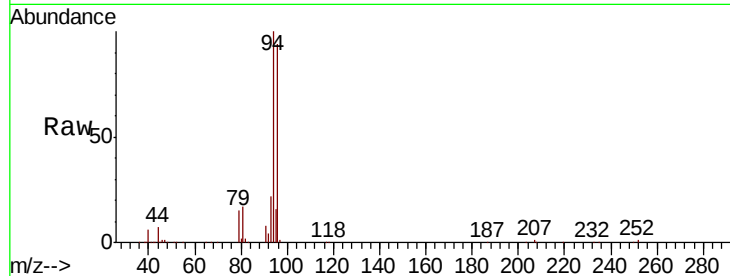
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 170139

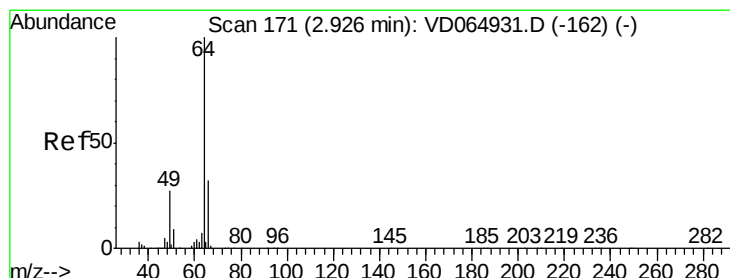
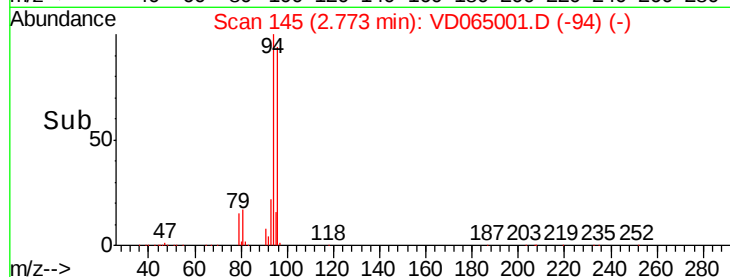
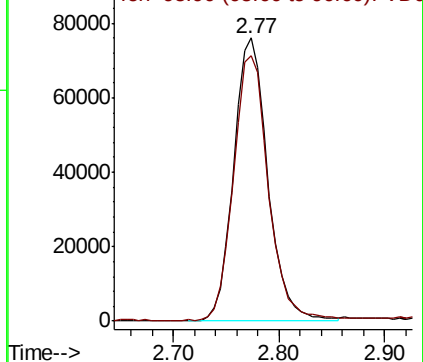
Ion Ratio Lower Upper

94 100

96 93.2 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.189 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065001.D

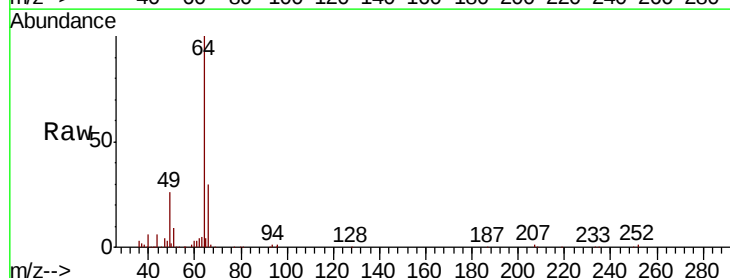
Acq: 29 Jan 2020 17:53

Tgt Ion: 64 Resp: 176303

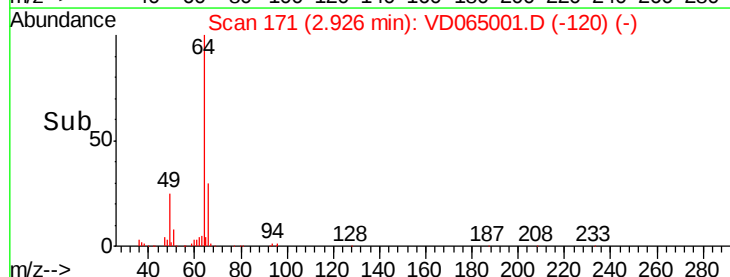
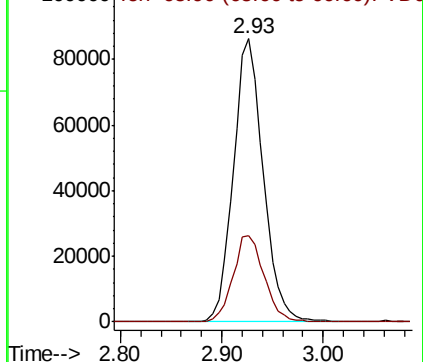
Ion Ratio Lower Upper

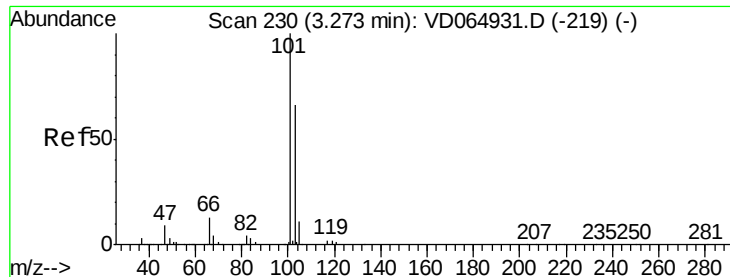
64 100

66 30.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



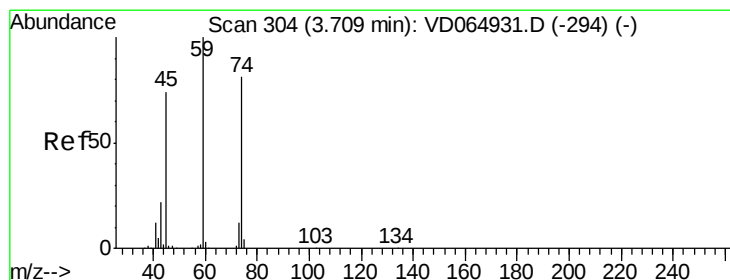
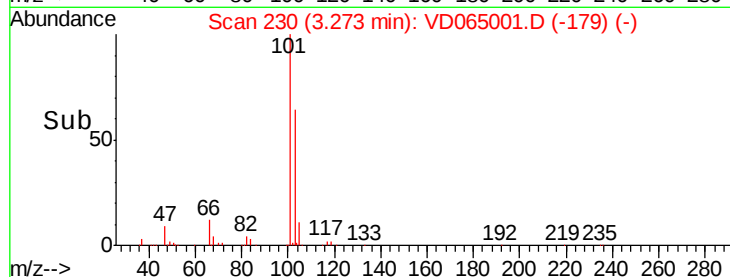
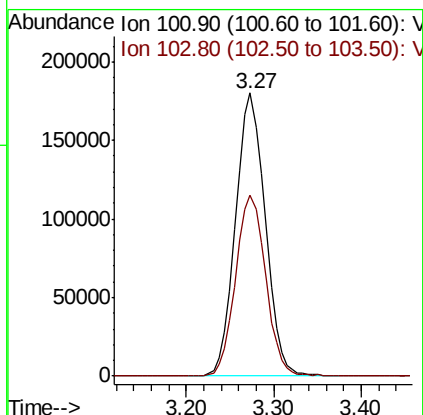
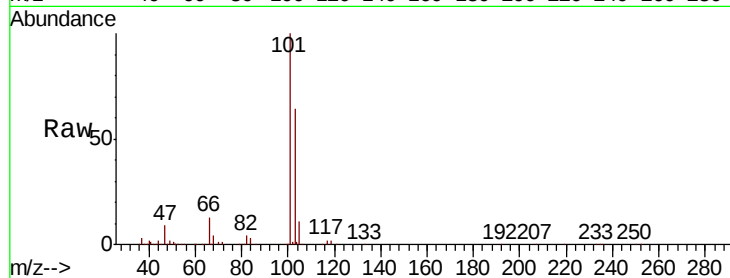


#7

Trichlorofluoromethane
Concen: 47.245 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :

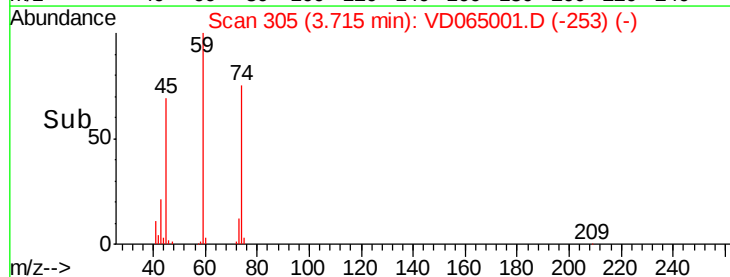
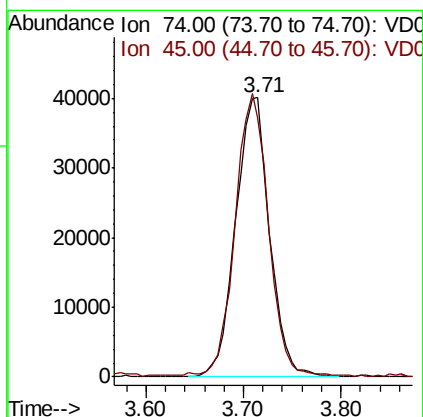
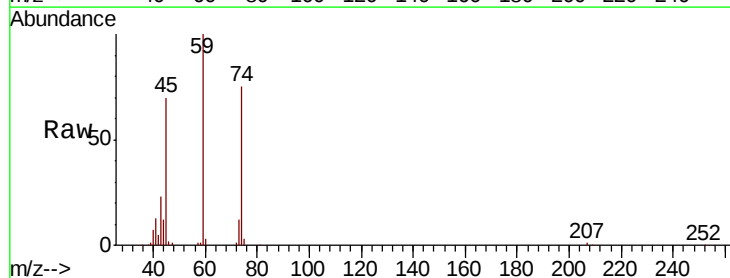
Tot Ion:101 Resp: 413489
Ion Ratio Lower Upper
101 100
103 63.7 52.5 78.7

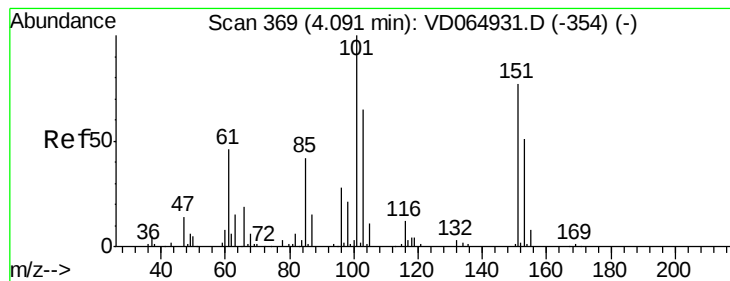


#8

Diethyl Ether
Concen: 49.222 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 74 Resp: 97251
Ion Ratio Lower Upper
74 100
45 101.1 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.196 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

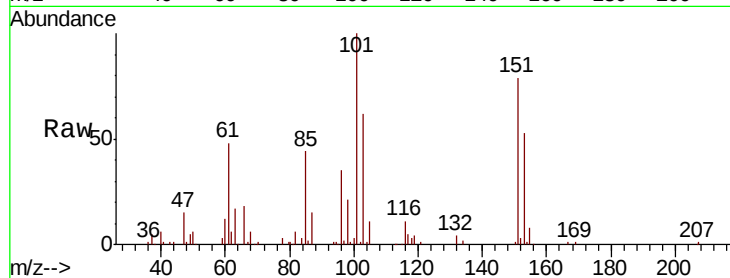
Tot Ion:101 Resp: 200319

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.4

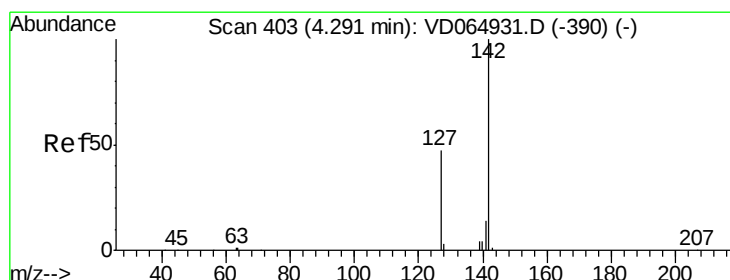
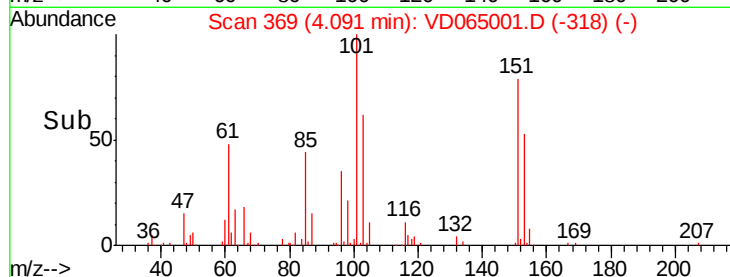
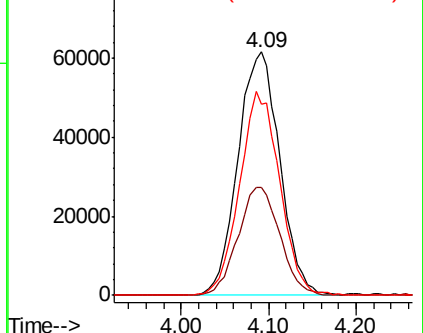
151 80.3 64.6 96.8



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: 47.978 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

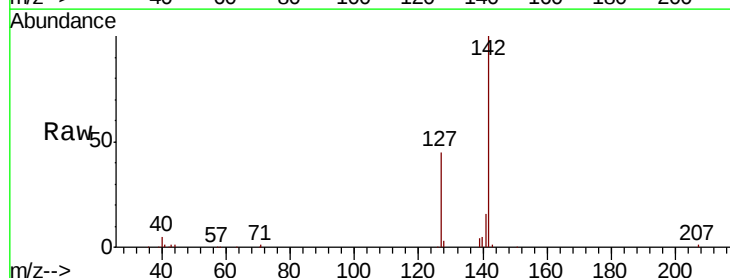
Tgt Ion:142 Resp: 207368

Ion Ratio Lower Upper

142 100

127 45.0 36.2 54.2

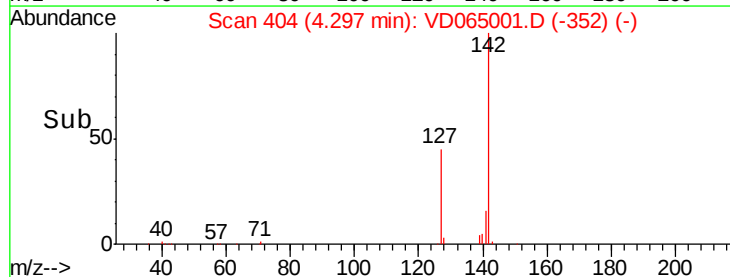
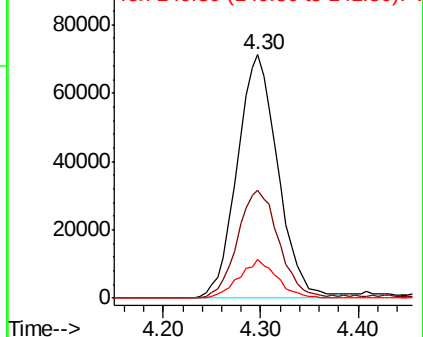
141 15.0 11.6 17.4

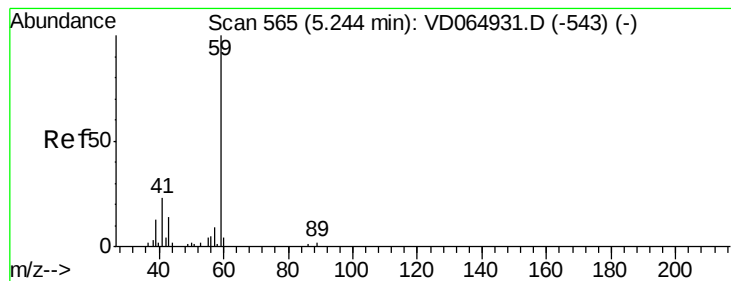


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.390 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

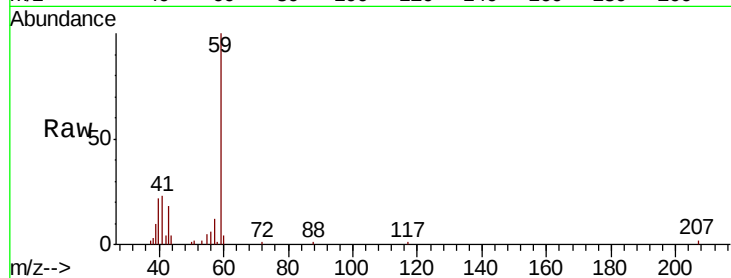
ClientSampleId :

Tot Ion: 59 Resp: 54810

Ion Ratio Lower Upper

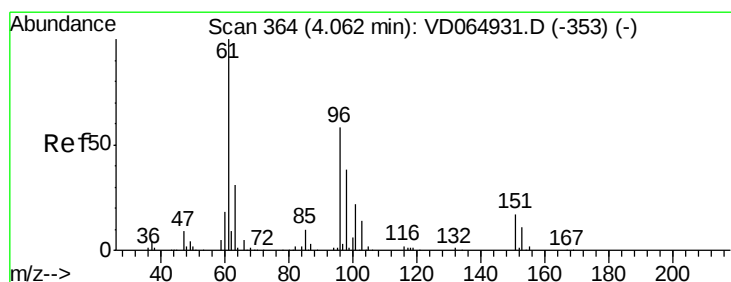
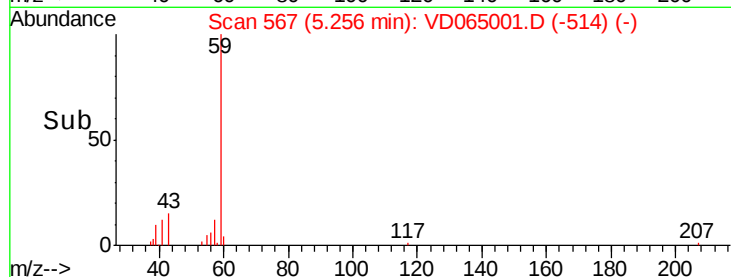
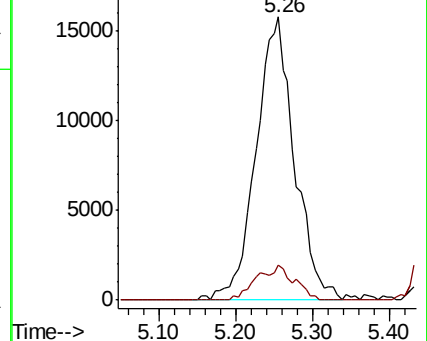
59 100

57 6.8 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 48.874 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

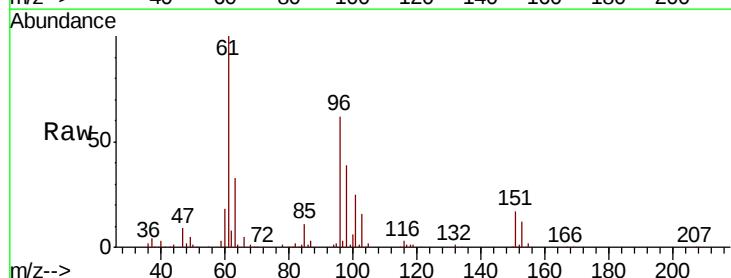
Tgt Ion: 96 Resp: 190114

Ion Ratio Lower Upper

96 100

61 162.2 137.0 205.4

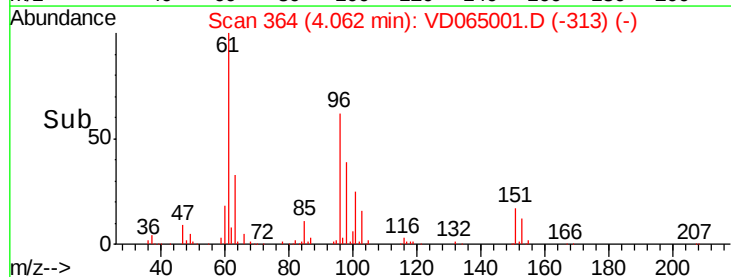
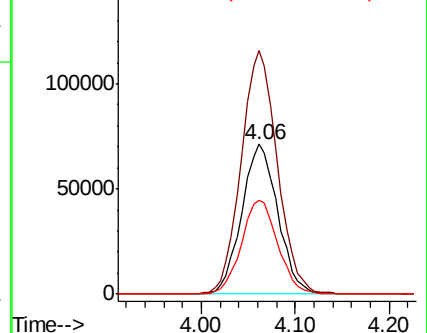
98 62.6 52.1 78.1

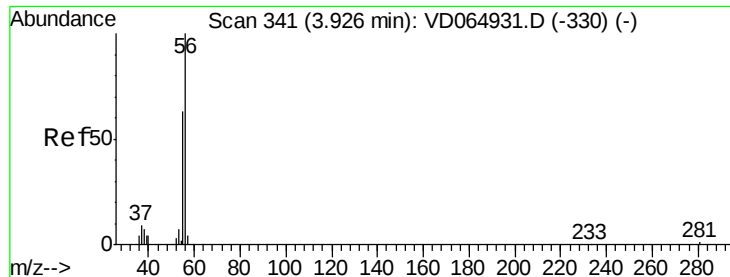


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

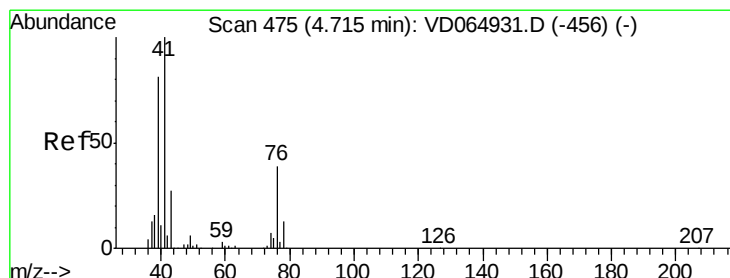
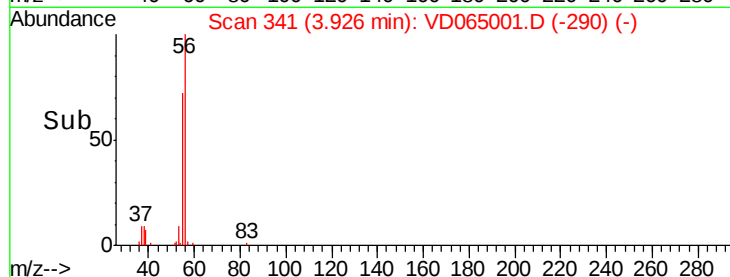
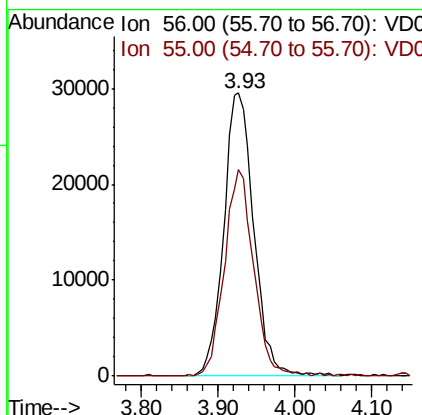
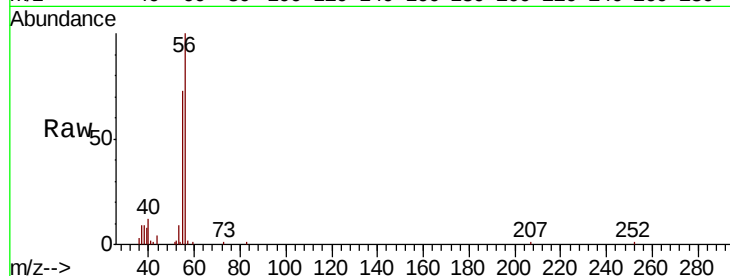




#13
Acrolein
Concen: 270.403 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

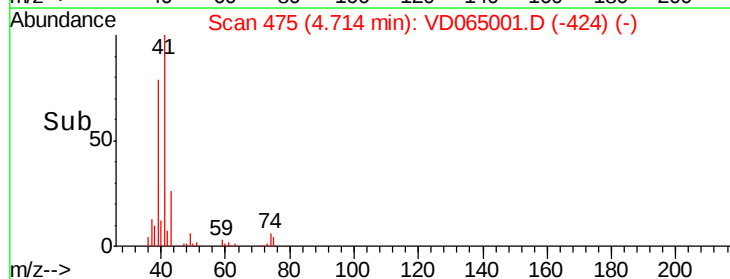
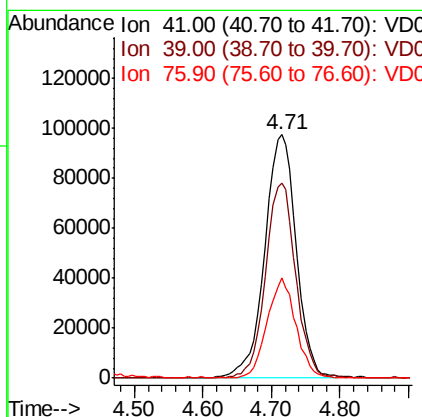
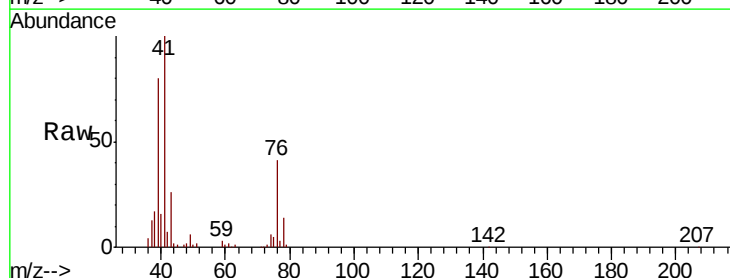
Instrument :
MSVOA_D
ClientSampleId :

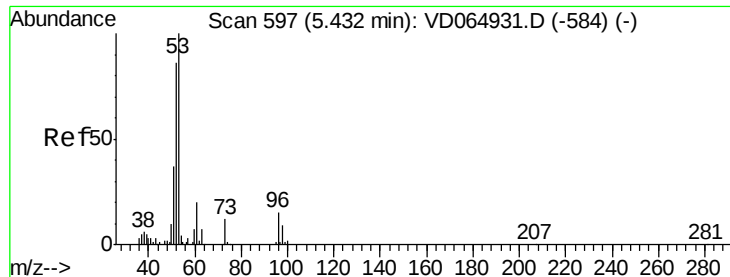
Tot Ion: 56 Resp: 80295
Ion Ratio Lower Upper
56 100
55 70.8 59.7 89.5



#14
Allyl chloride
Concen: 50.418 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 41 Resp: 312793
Ion Ratio Lower Upper
41 100
39 76.9 62.0 93.0
76 37.3 29.3 43.9





#15

Acrylonitrile

Concen: 256.885 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

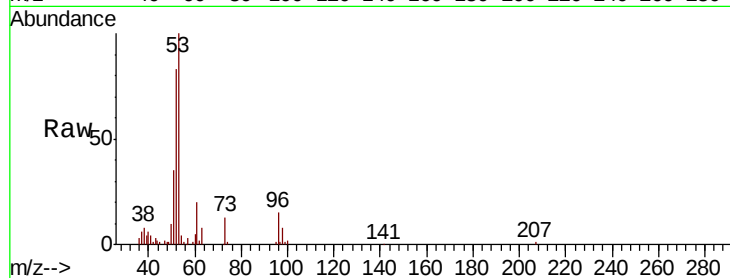
Tot Ion: 53 Resp: 219788

Ion Ratio Lower Upper

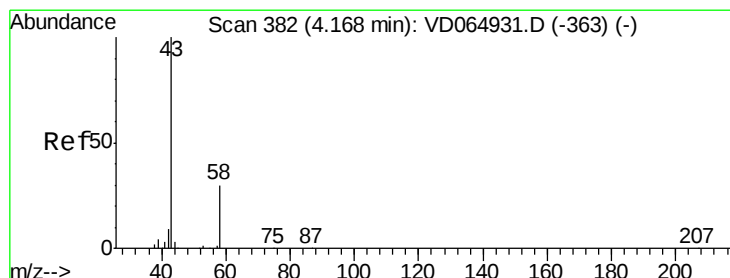
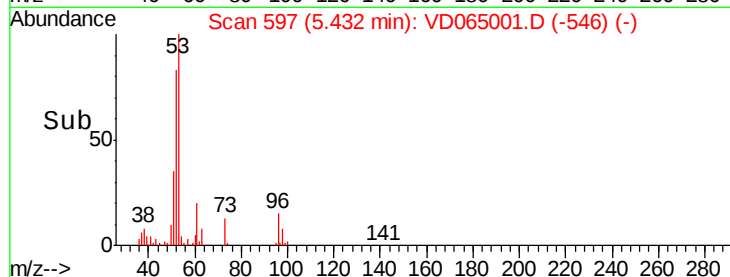
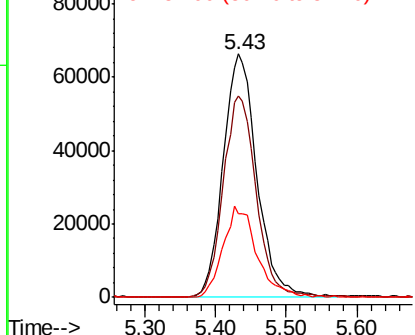
53 100

52 81.0 66.7 100.1

51 37.5 31.1 46.7



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



#16

Acetone

Concen: 178.358 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065001.D

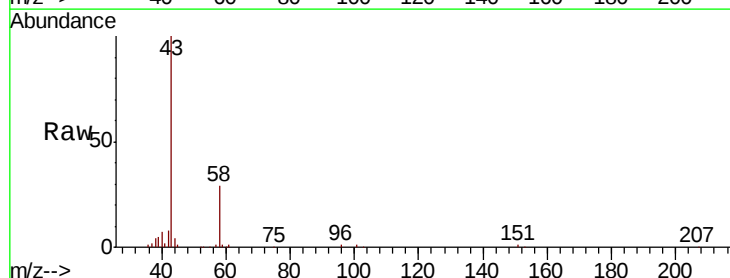
Acq: 29 Jan 2020 17:53

Tgt Ion: 43 Resp: 186429

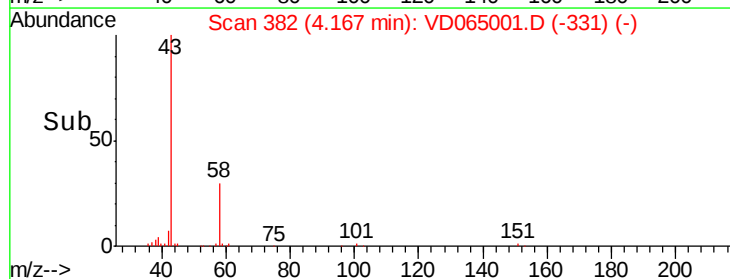
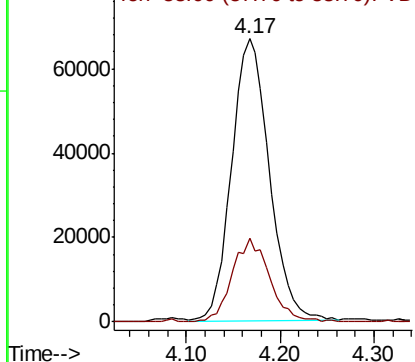
Ion Ratio Lower Upper

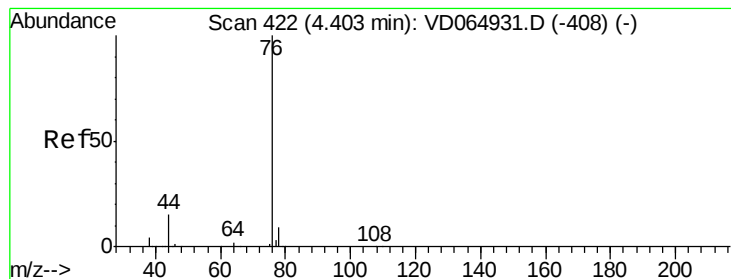
43 100

58 29.7 23.8 35.8



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





#17

Carbon Disulfide

Concen: 46.916 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

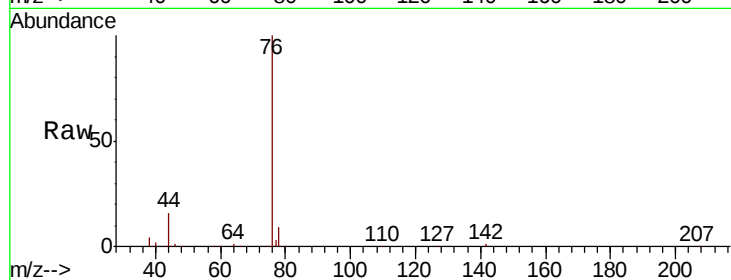
ClientSampleId :

Tot Ion: 76 Resp: 600623

Ion Ratio Lower Upper

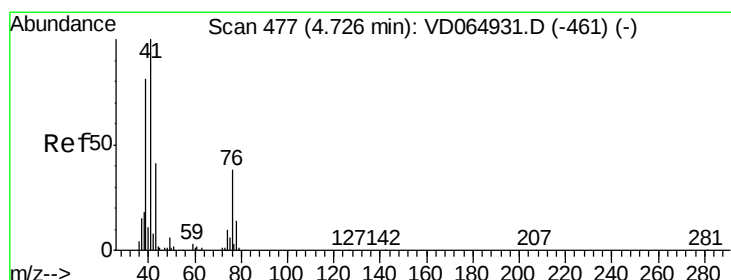
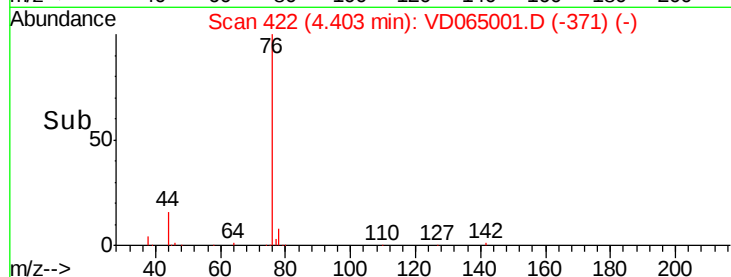
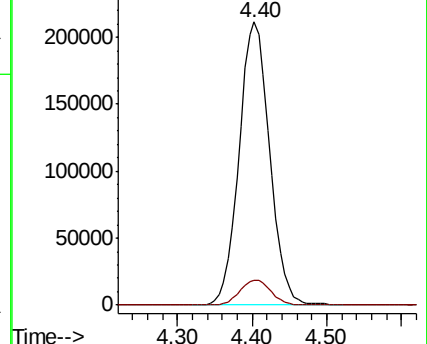
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 49.245 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065001.D

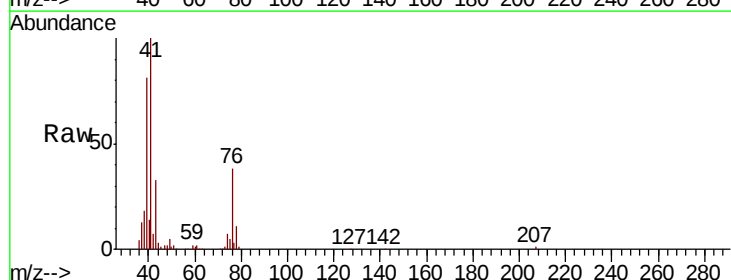
Acq: 29 Jan 2020 17:53

Tgt Ion: 43 Resp: 98862

Ion Ratio Lower Upper

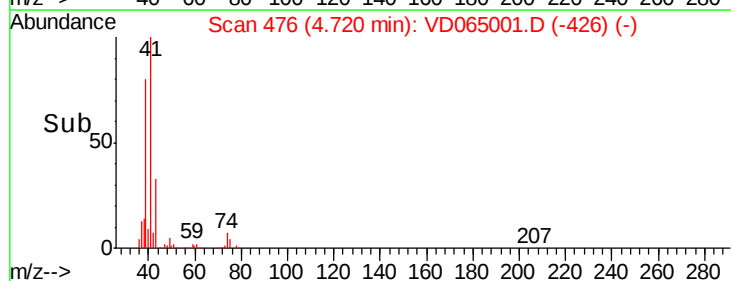
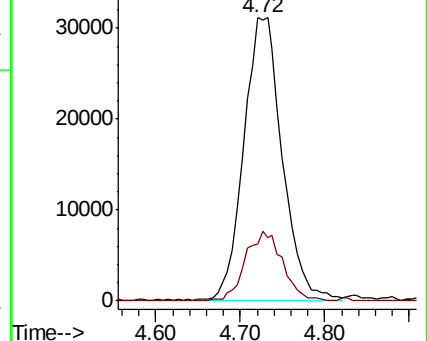
43 100

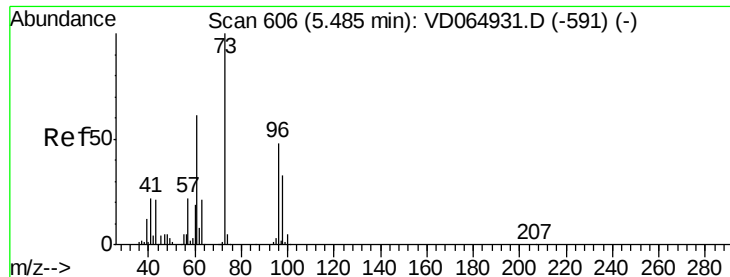
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

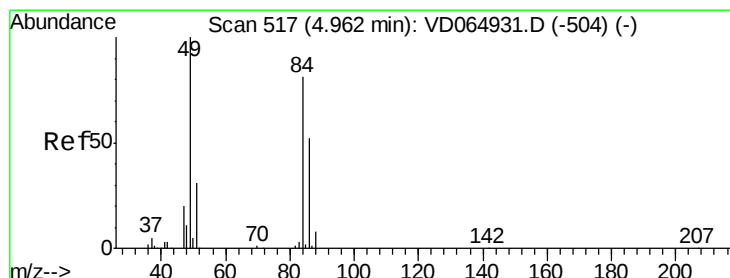
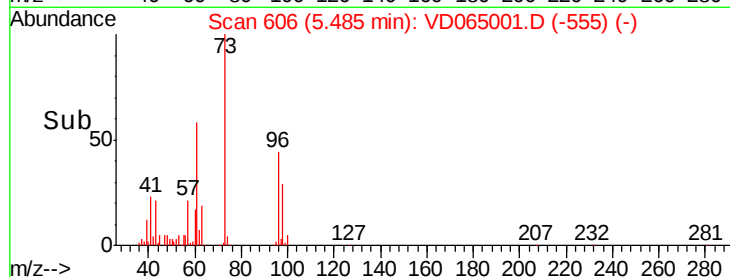
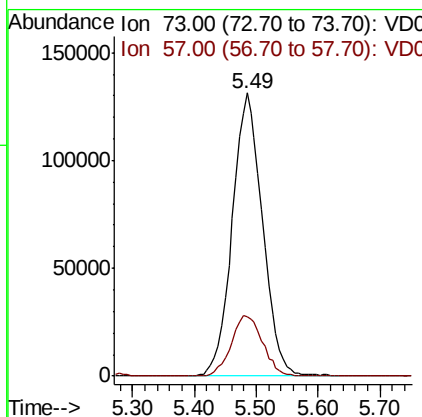
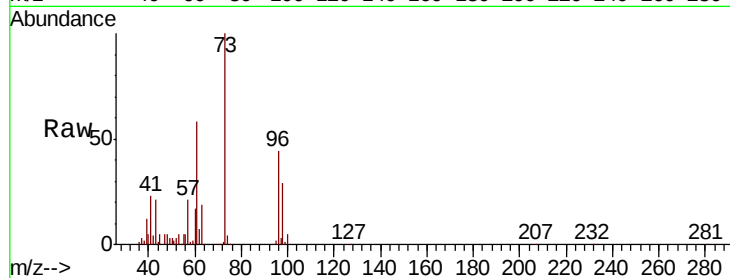




#19
Methyl tert-butyl Ether
Concen: 51.263 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

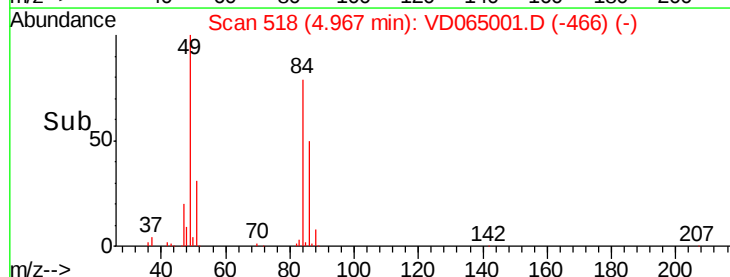
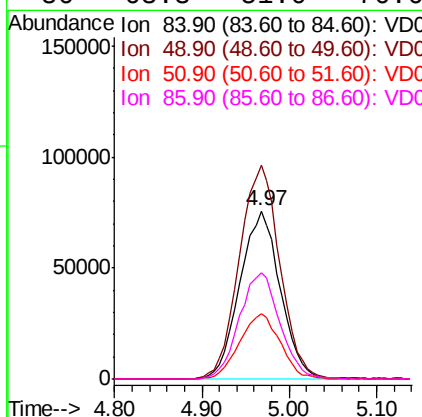
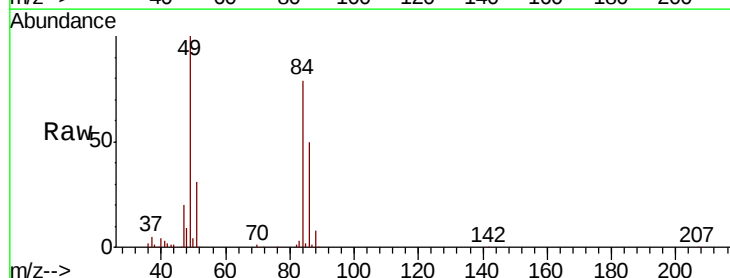
Instrument :
MSVOA_D
ClientSampleId :

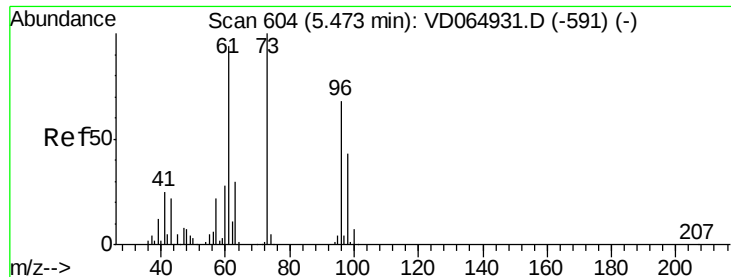
Tot Ion: 73 Resp: 445556
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9



#20
Methylene Chloride
Concen: 58.138 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 84 Resp: 237993
Ion Ratio Lower Upper
84 100
49 127.2 98.4 147.6
51 39.1 30.8 46.2
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.485 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

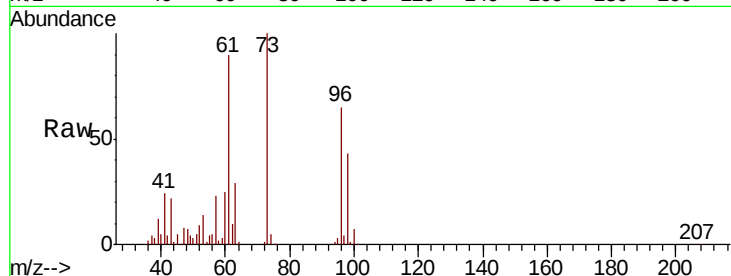
Tot Ion: 96 Resp: 221775

Ion Ratio Lower Upper

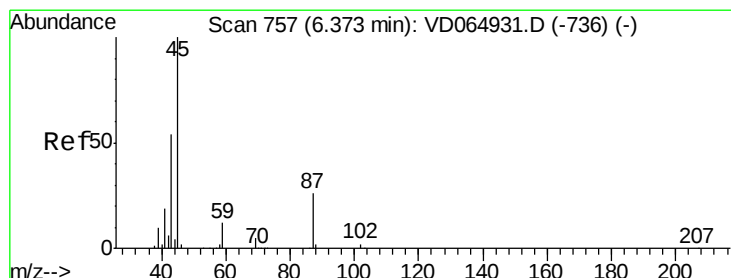
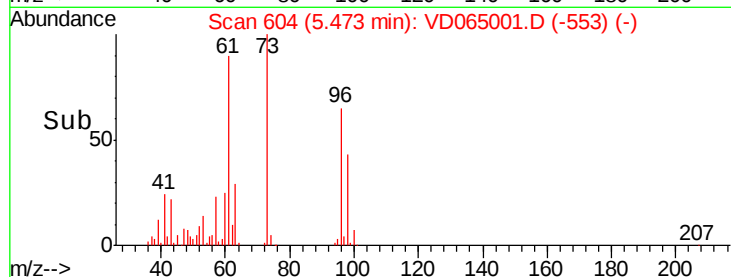
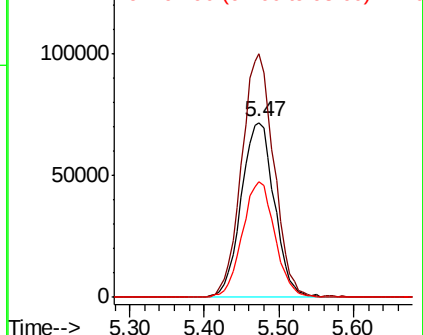
96 100

61 139.5 110.4 165.6

98 66.1 50.5 75.7



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: 52.509 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Tgt Ion: 45 Resp: 649233

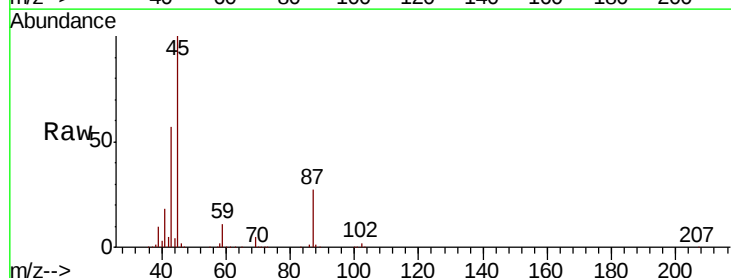
Ion Ratio Lower Upper

45 100

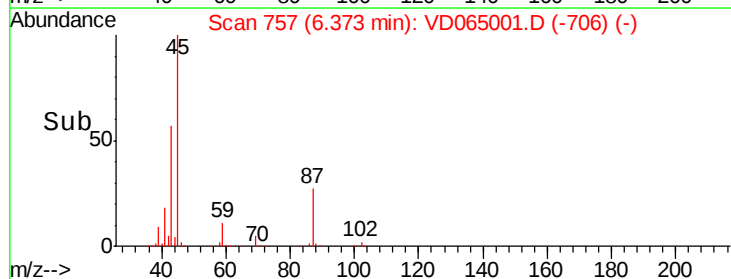
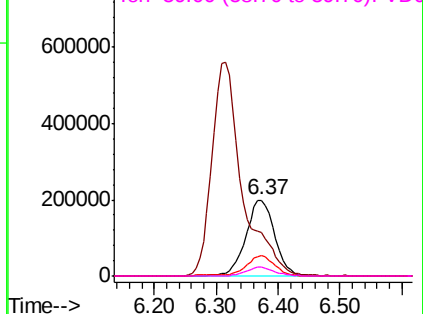
43 56.5 43.1 64.7

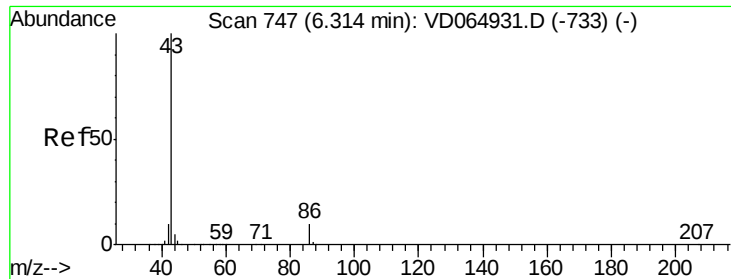
87 26.9 21.4 32.2

59 11.0 9.5 14.3



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

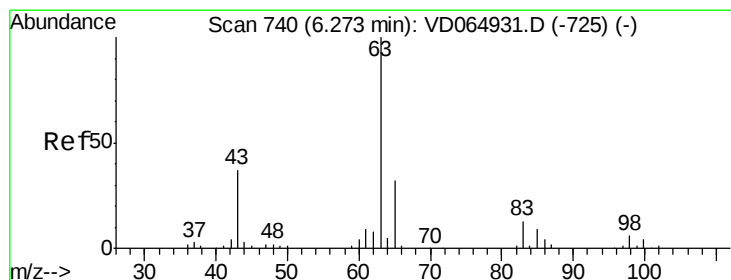
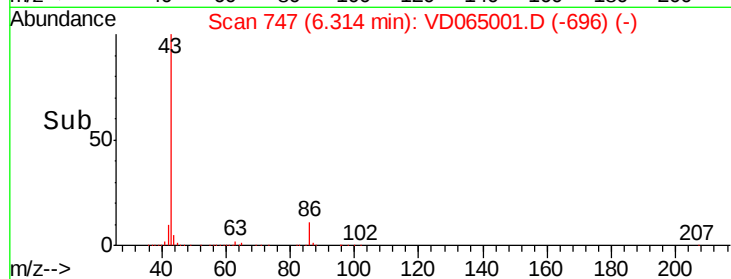
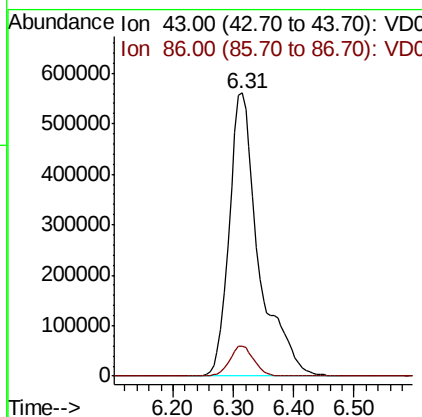
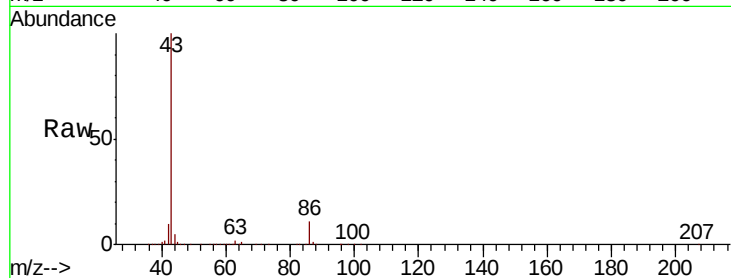




#23
 Vinyl Acetate
 Concen: 263.710 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

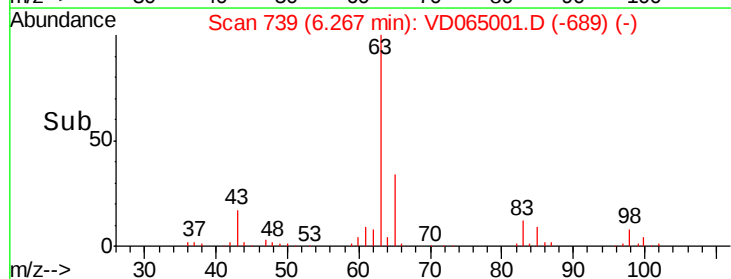
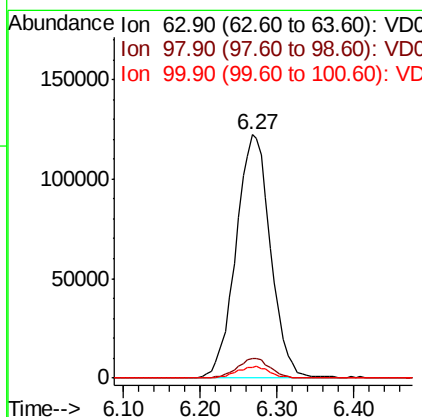
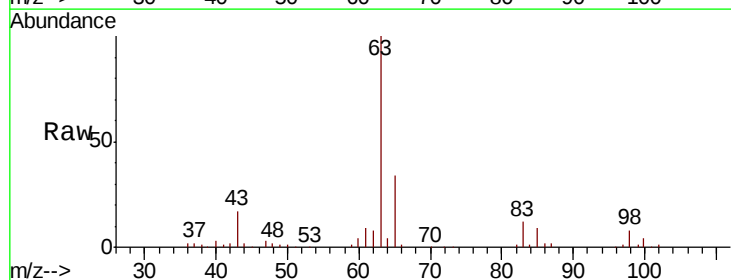
Instrument :
 MSVOA_D
 ClientSampleId :

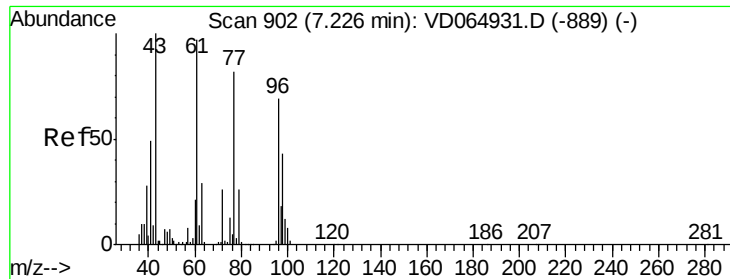
Tot Ion: 43 Resp: 1909010
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 50.518 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion: 63 Resp: 383505
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.3
 100 4.3 2.3 6.8

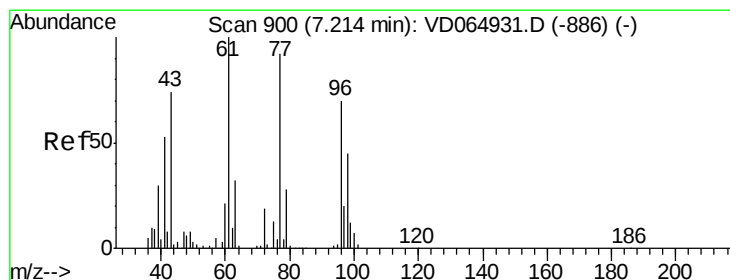
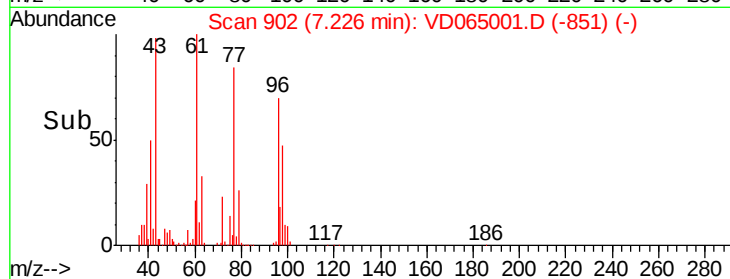
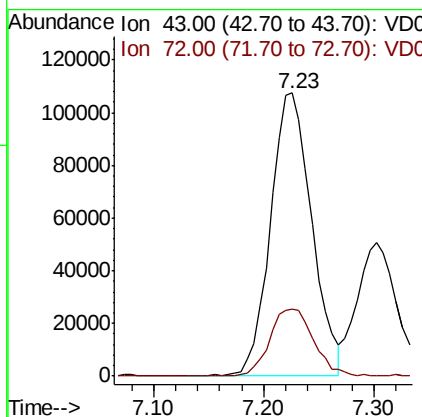
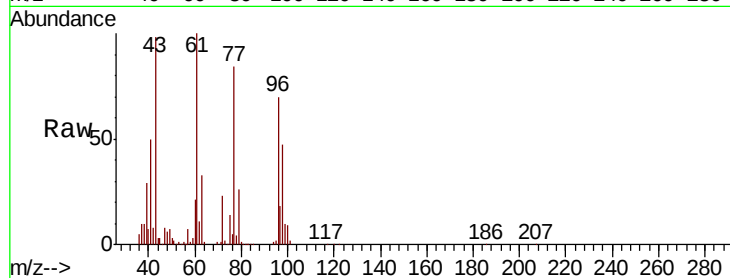




#25
2-Butanone
Concen: 239.178 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

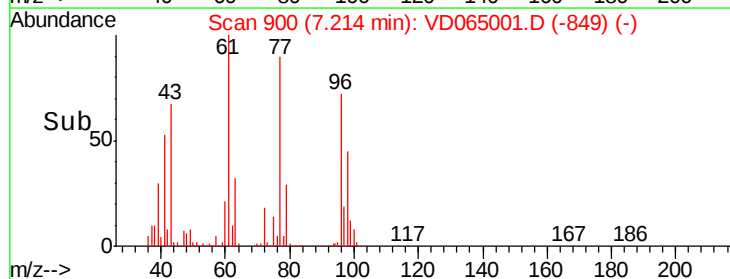
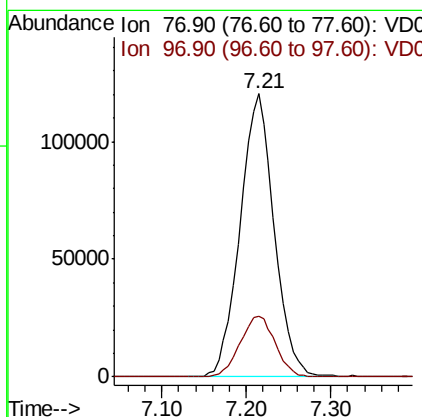
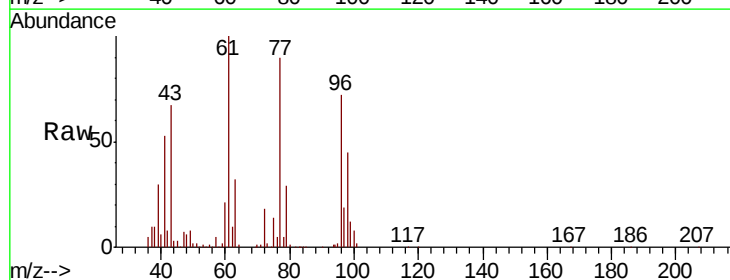
Instrument :
MSVOA_D
ClientSampled :

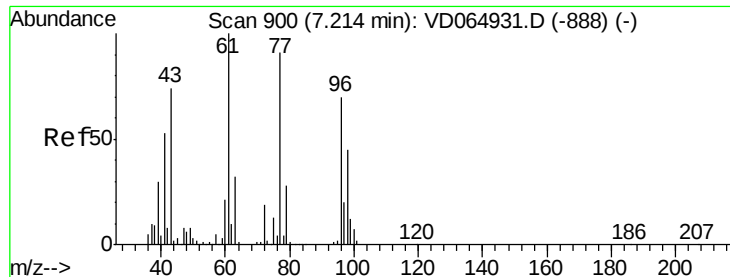
Tot Ion: 43 Resp: 276980
Ion Ratio Lower Upper
43 100
72 23.6 20.6 31.0



#26
2,2-Dichloropropane
Concen: 48.812 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 77 Resp: 336109
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2



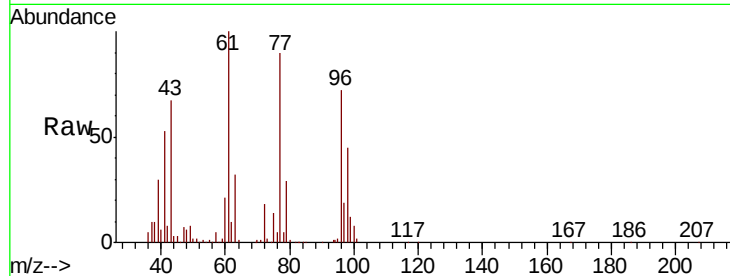


#27

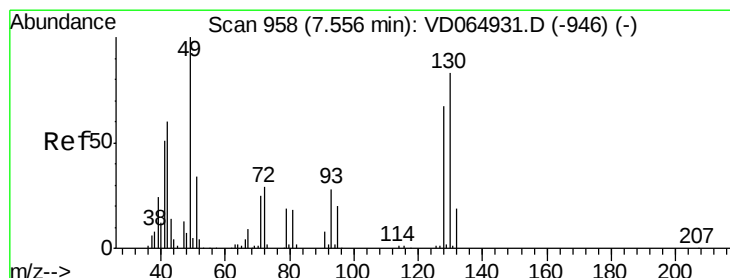
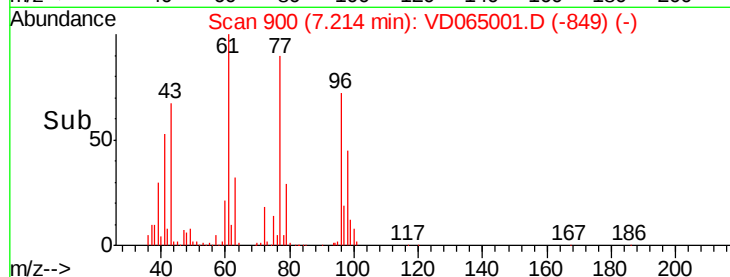
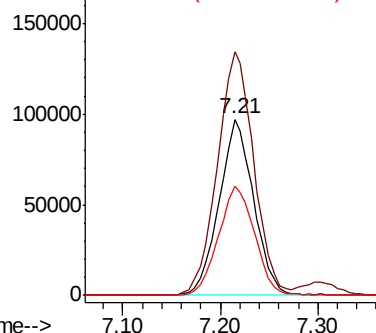
cis-1,2-Dichloroethene
Concen: 50.413 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 241151
Ion Ratio Lower Upper
96 100
61 145.8 0.0 292.8
98 65.0 0.0 130.0



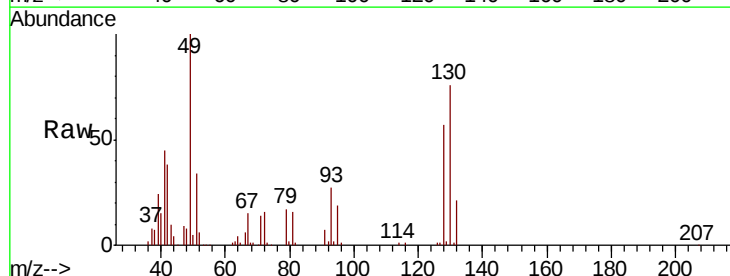
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



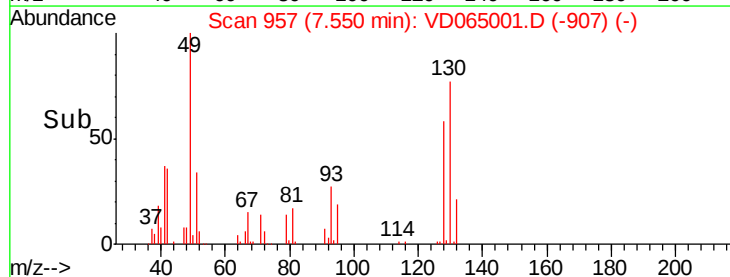
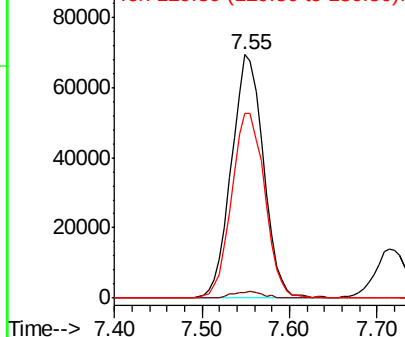
#28

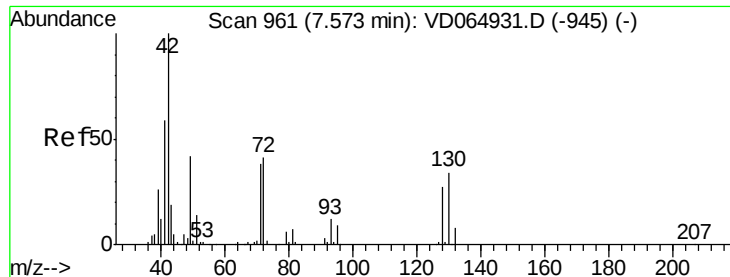
Bromochloromethane
Concen: 56.848 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 49 Resp: 172590
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.4
130 78.5 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

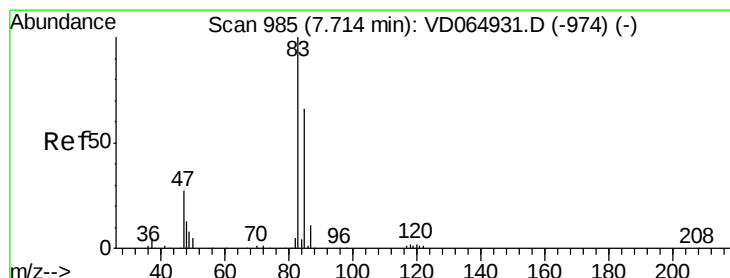
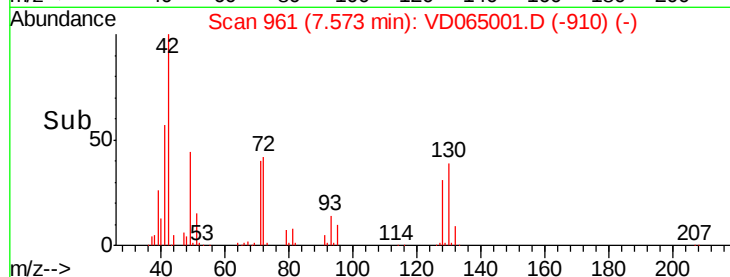
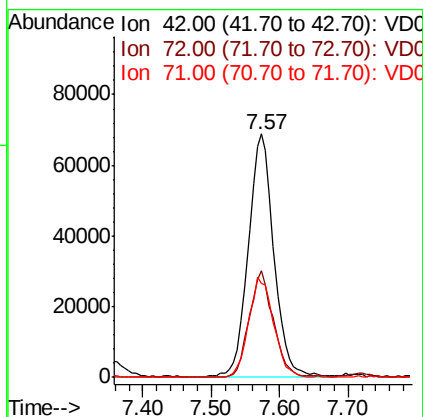
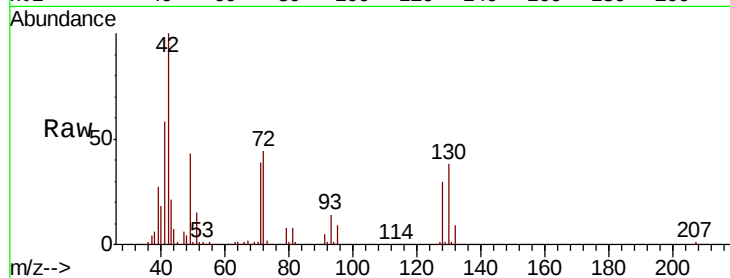




#29
Tetrahydrofuran
Concen: 252.072 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

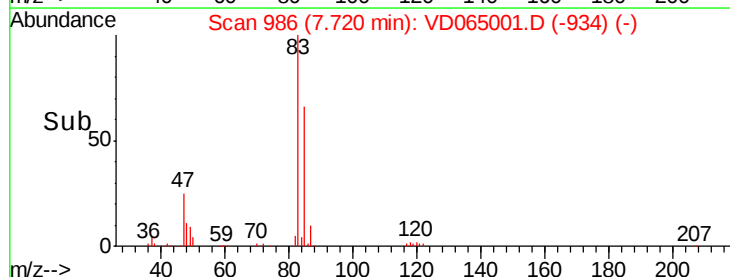
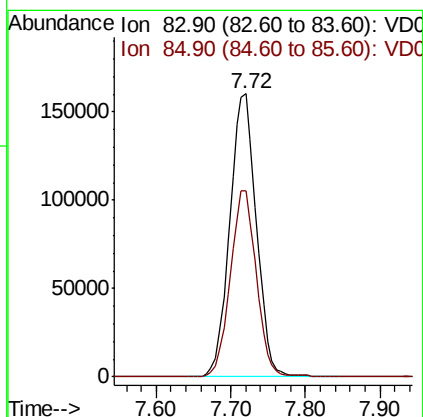
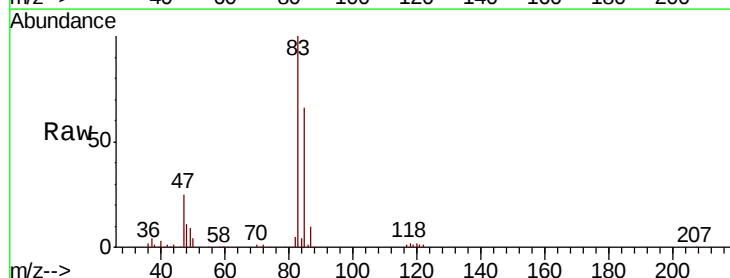
Instrument :
MSVOA_D
ClientSampleId :

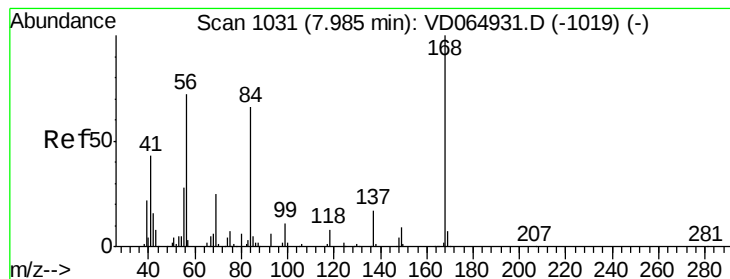
Tot Ion: 42 Resp: 180110
Ion Ratio Lower Upper
42 100
72 41.2 34.0 51.0
71 40.2 31.5 47.3



#30
Chloroform
Concen: 50.611 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 83 Resp: 397160
Ion Ratio Lower Upper
83 100
85 65.7 52.4 78.6





#31

Cyclohexane

Concen: 46.014 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampled :

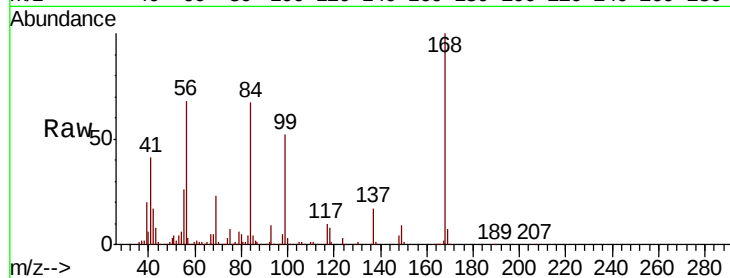
Tot Ion: 56 Resp: 343632

Ion Ratio Lower Upper

56 100

69 34.2 27.9 41.9

84 96.4 72.8 109.2

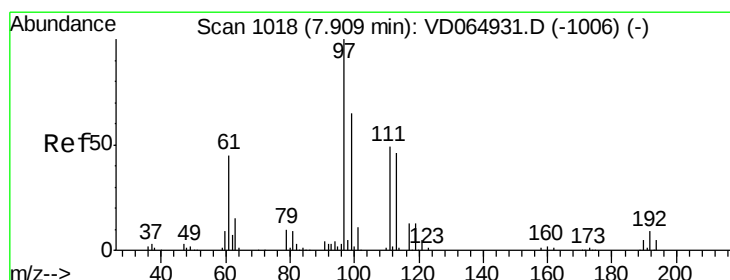
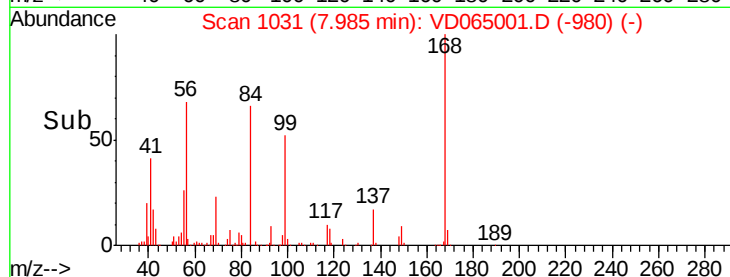
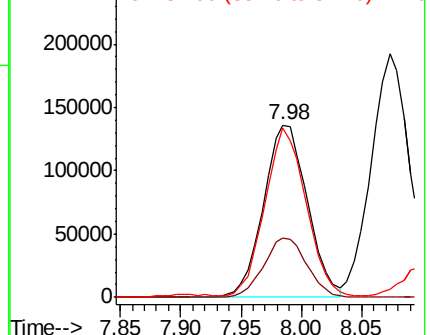


Abundance

Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 49.128 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

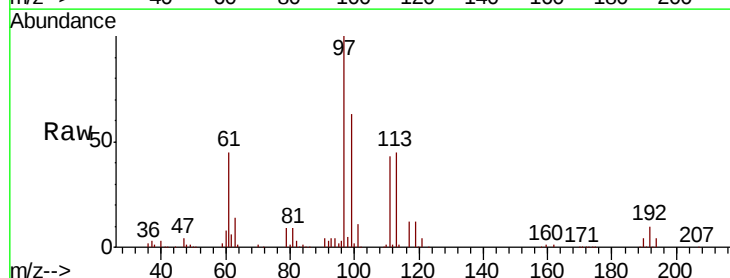
Tgt Ion: 97 Resp: 358652

Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 44.7 35.7 53.5

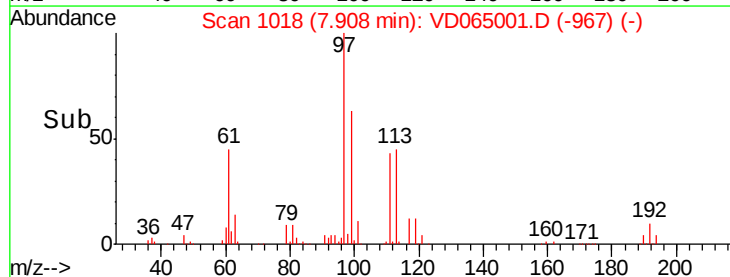
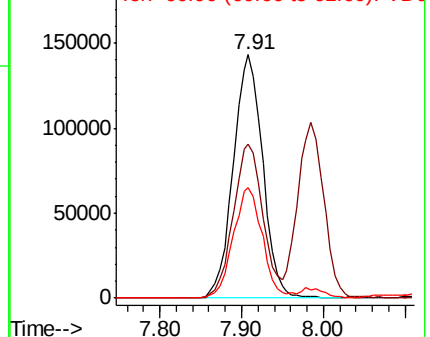


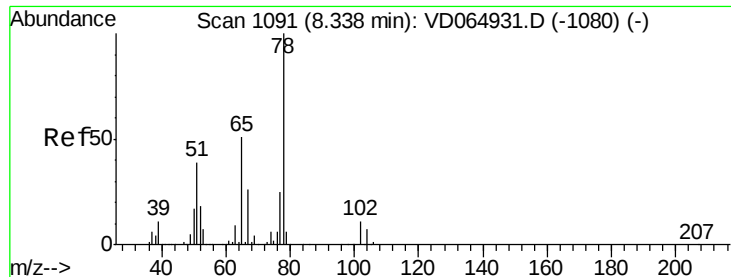
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.358 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

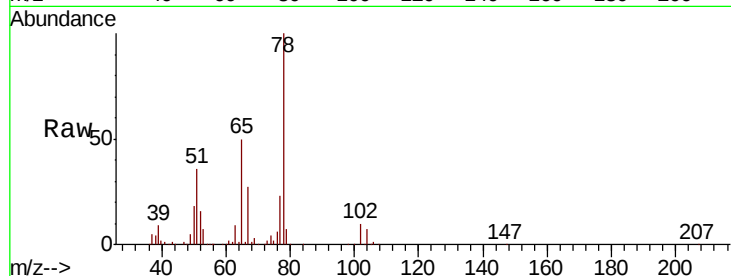
ClientSampleId :

Tot Ion: 65 Resp: 215859

Ion Ratio Lower Upper

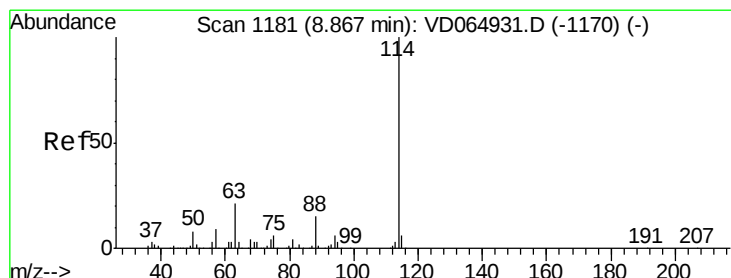
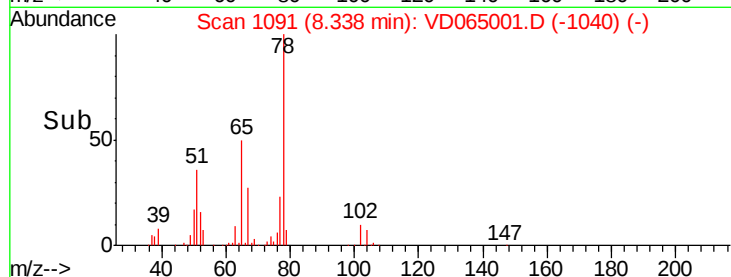
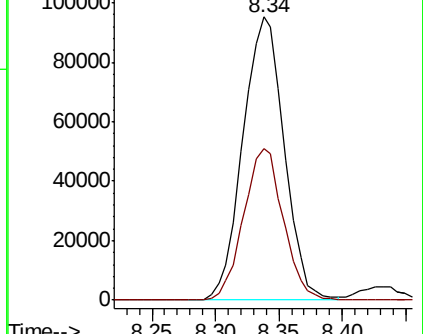
65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

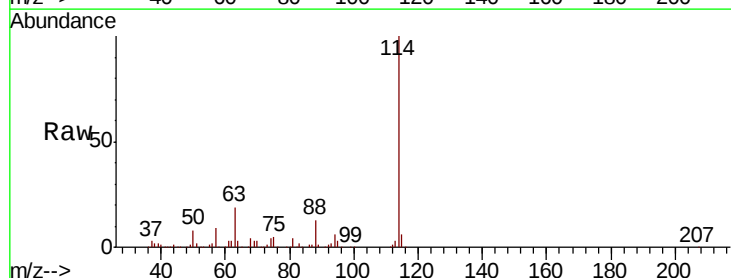
Tgt Ion: 114 Resp: 662035

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.0

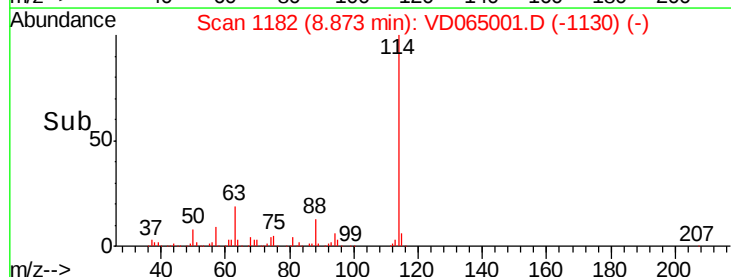
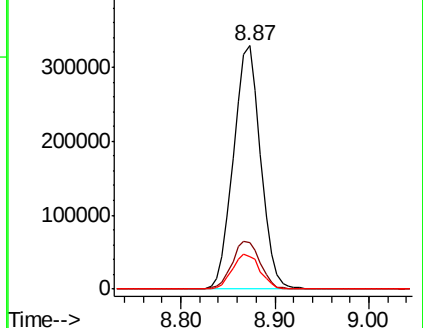
88 13.4 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

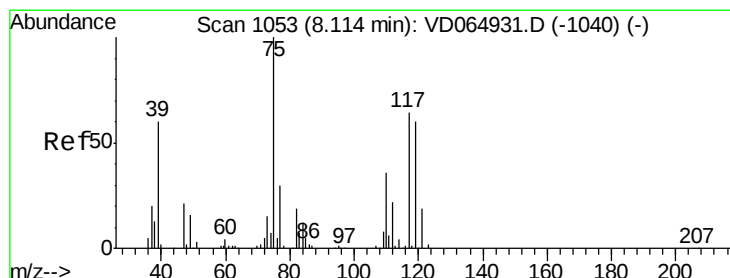
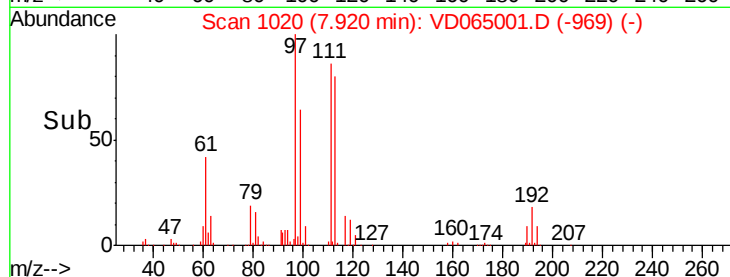
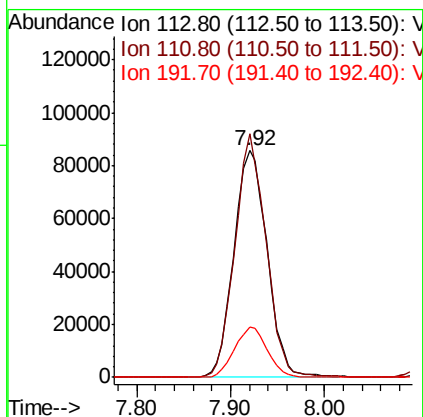
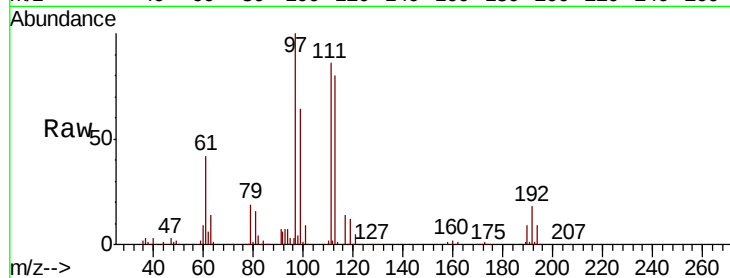




#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

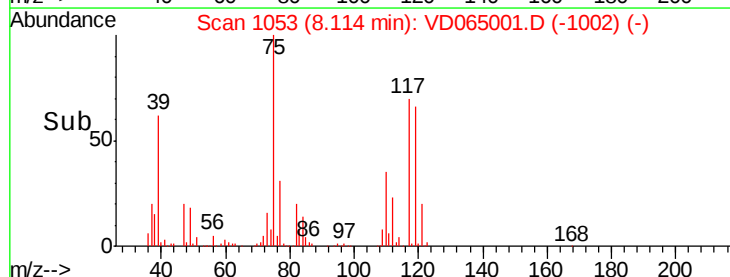
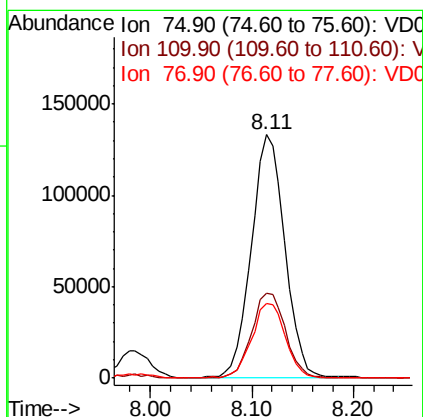
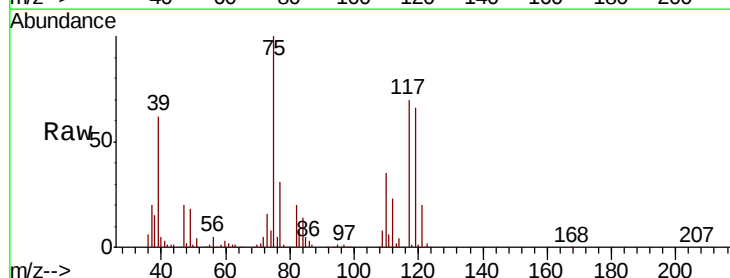
Instrument :
MSVOA_D
ClientSampleId :

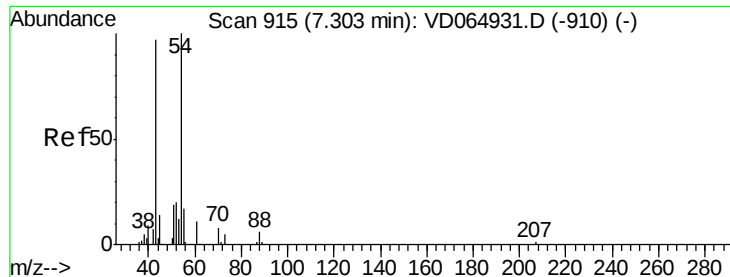
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.4	123.6
192	21.7	16.9	25.3



#36
1,1-Dichloropropene
Concen: 47.911 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	52.0
77	31.4	24.7	37.1

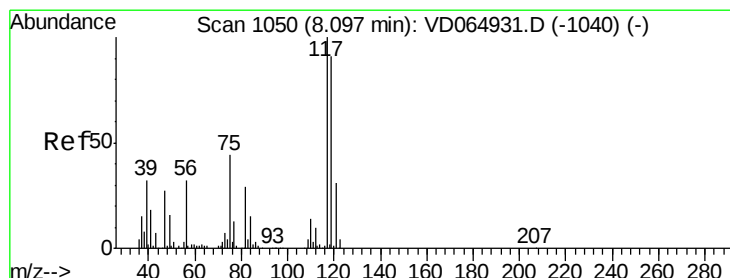
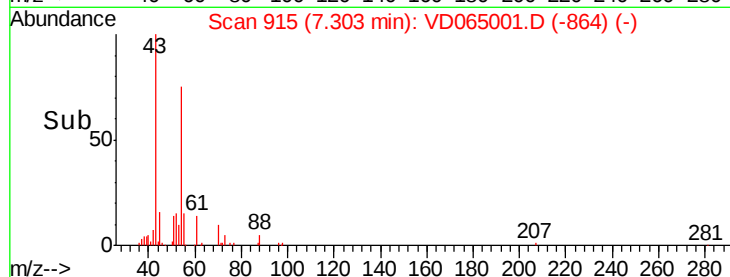
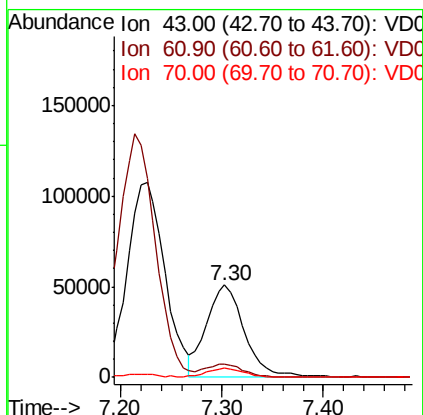
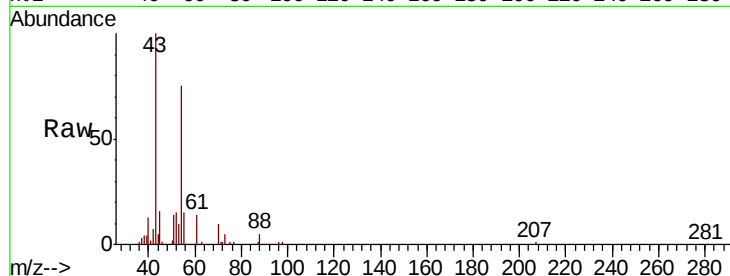




#37
Ethyl Acetate
Concen: 49.399 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

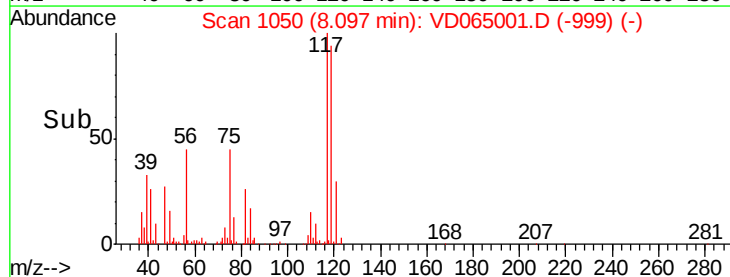
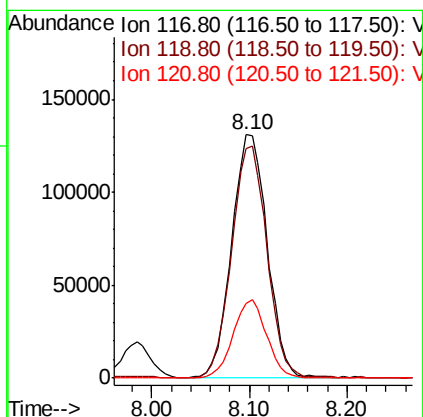
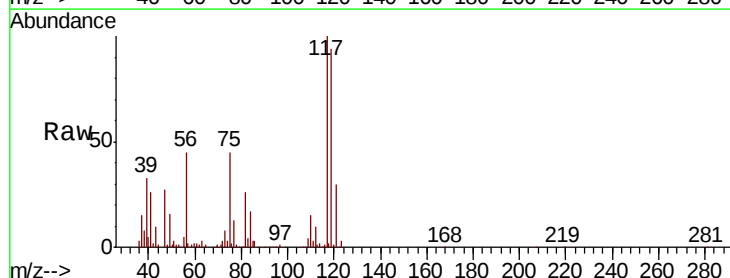
Instrument :
MSVOA_D
ClientSampleId :

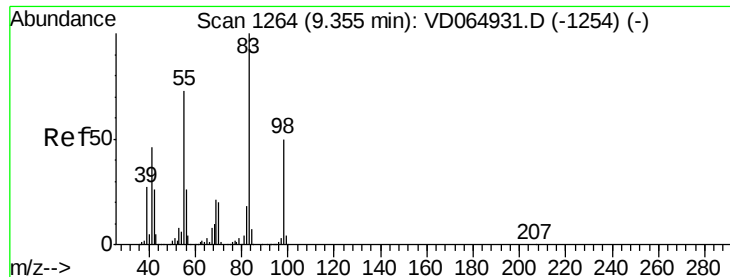
Tot Ion: 43 Resp: 130261
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 9.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 48.824 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 117 Resp: 329437
Ion Ratio Lower Upper
117 100
119 94.6 73.2 109.8
121 30.5 24.4 36.6

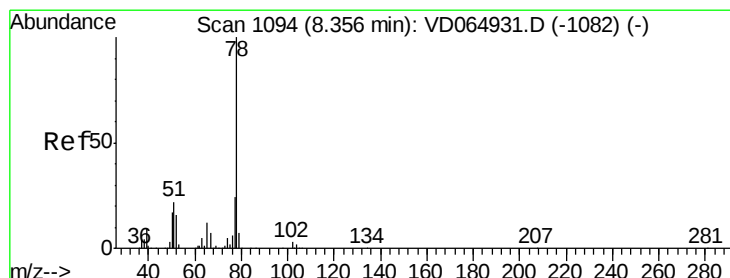
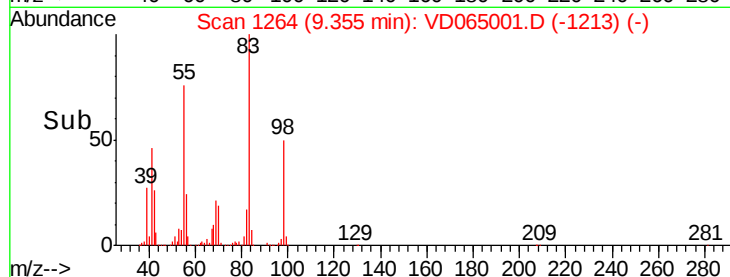
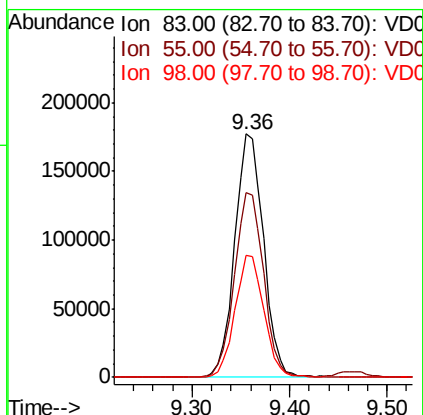
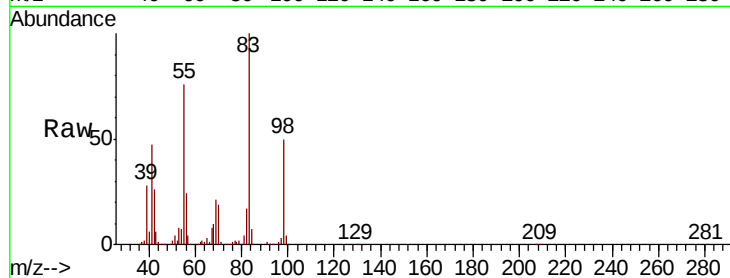




#39
Methvlcvclohexane
Concen: 48.908 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

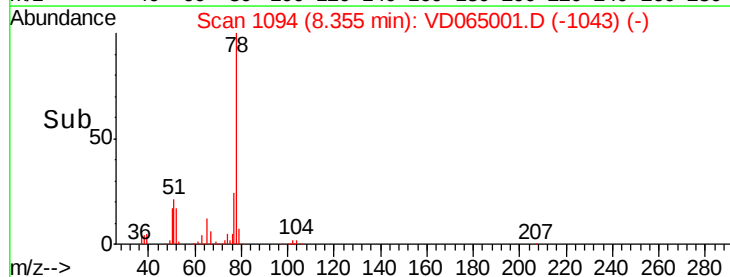
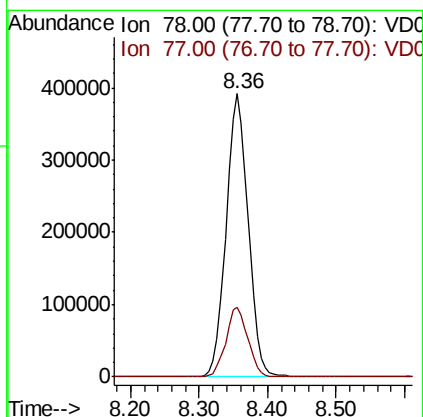
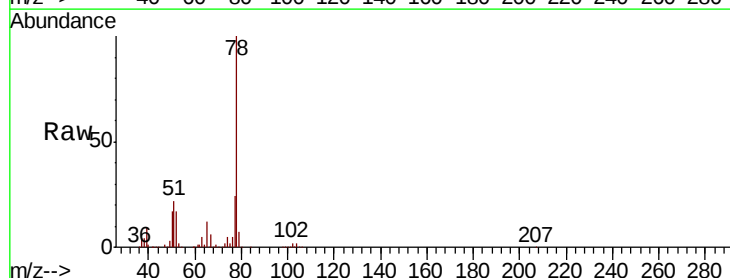
Instrument :
MSVOA_D
ClientSampleId :

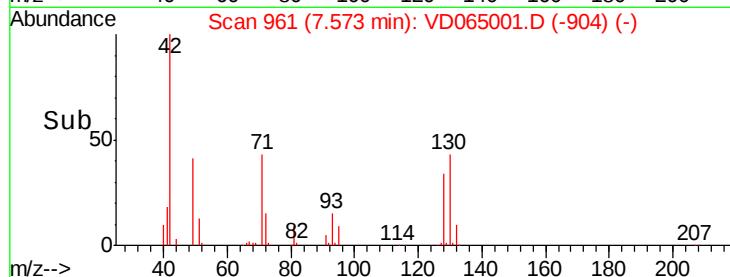
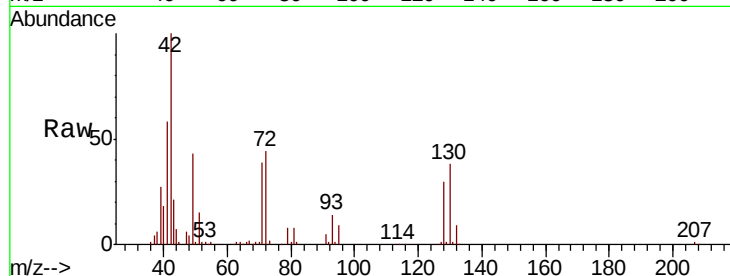
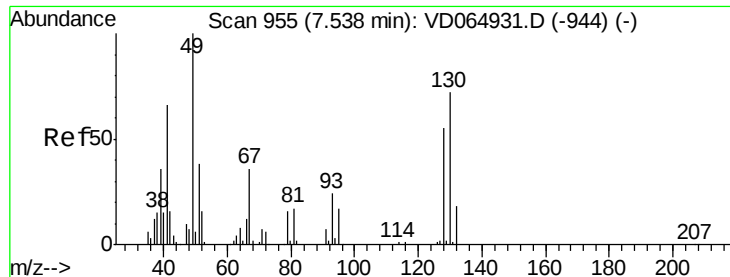
Tot Ion: 83 Resp: 365028
Ion Ratio Lower Upper
83 100
55 76.1 58.7 88.1
98 50.1 40.2 60.2



#40
Benzene
Concen: 49.601 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 78 Resp: 872092
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

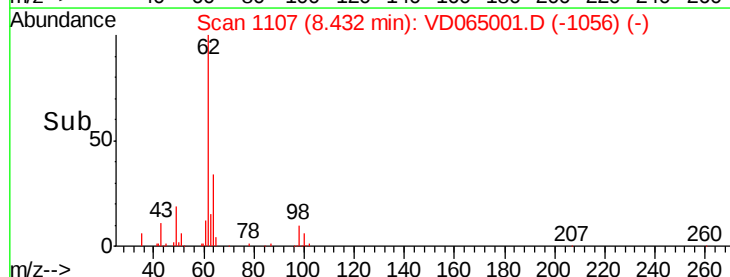
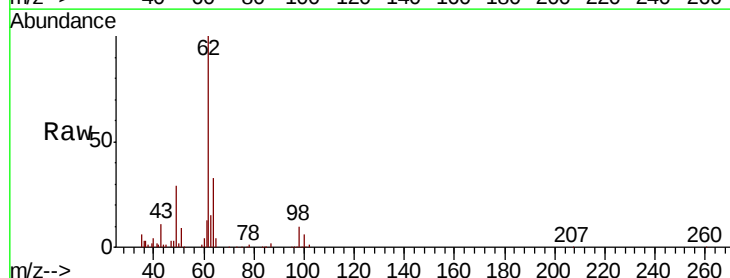
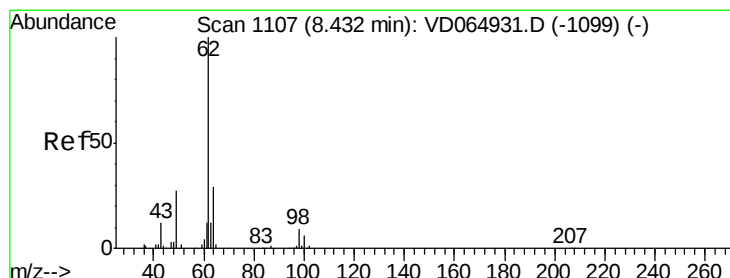
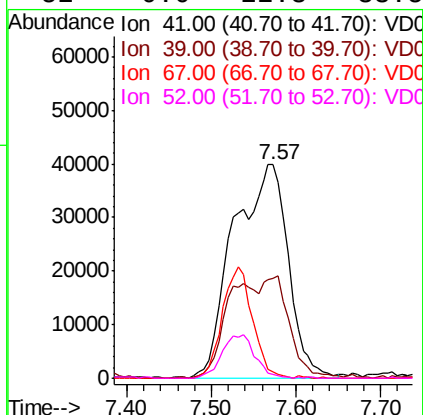




#41
Methacrylonitrile
Concen: 125.938 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.04 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

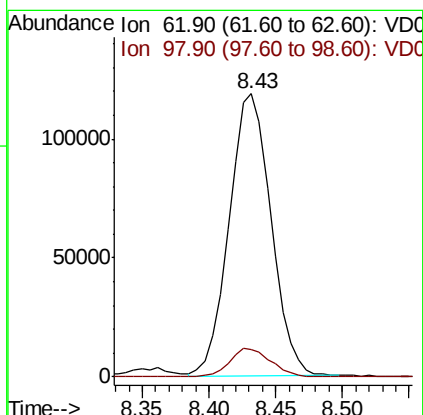
Instrument :
MSVOA_D
ClientSampleId :

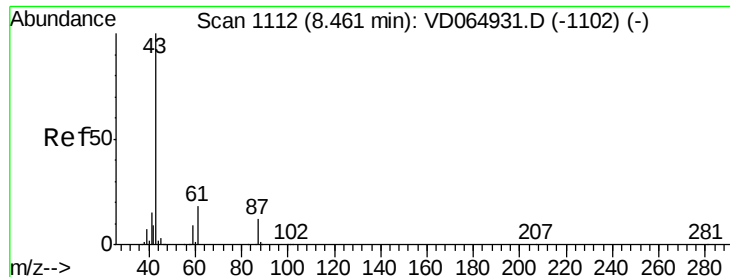
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.3	73.9#
67	0.0	51.0	76.6#
52	0.0	22.3	33.5#



#42
1,2-Dichloroethane
Concen: 49.463 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.003 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

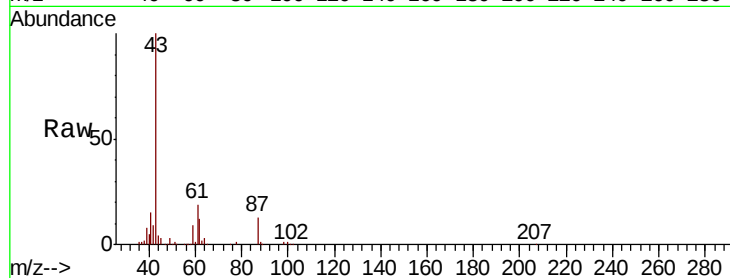
Tot Ion: 43 Resp: 245452

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

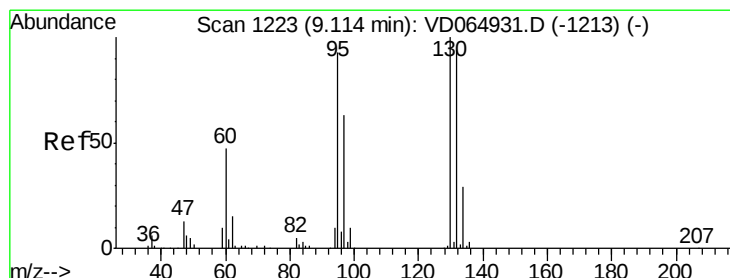
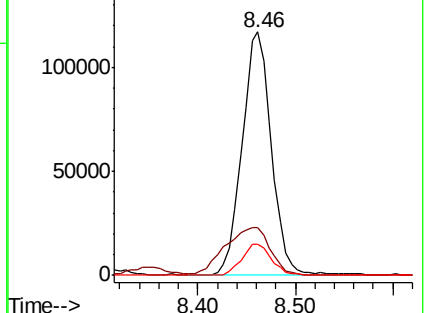
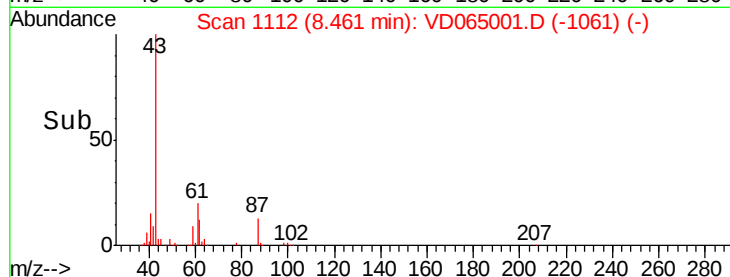
87 13.1 10.3 15.5



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: 49.176 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD065001.D

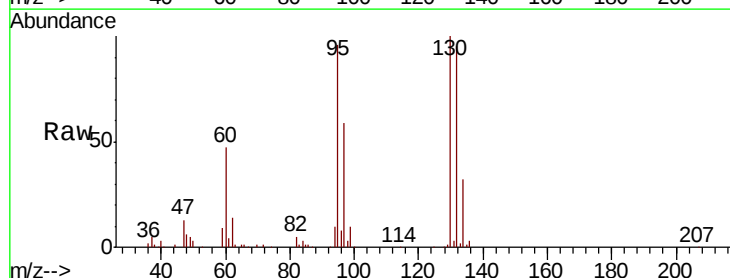
Acq: 29 Jan 2020 17:53

Tgt Ion:130 Resp: 241982

Ion Ratio Lower Upper

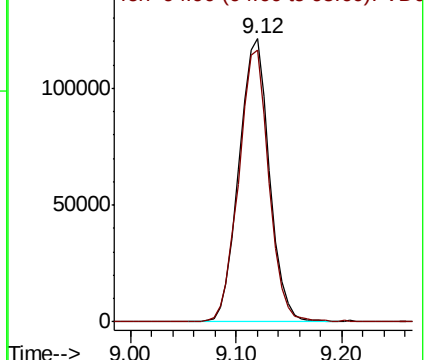
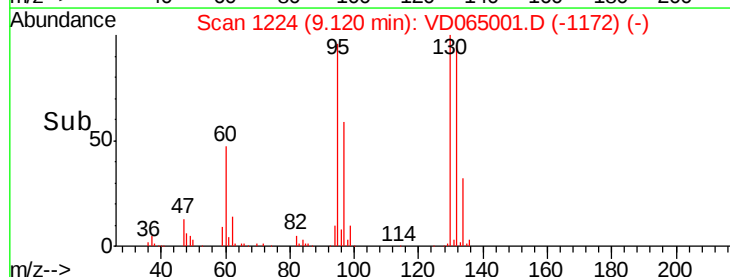
130 100

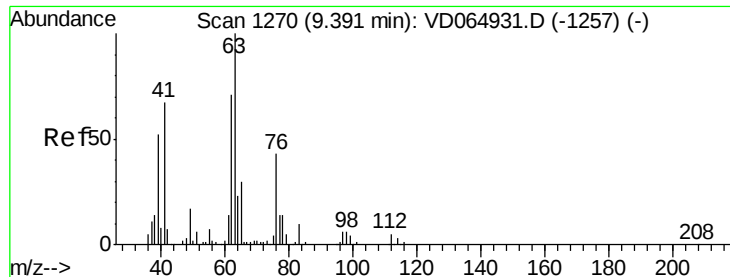
95 95.8 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.355 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

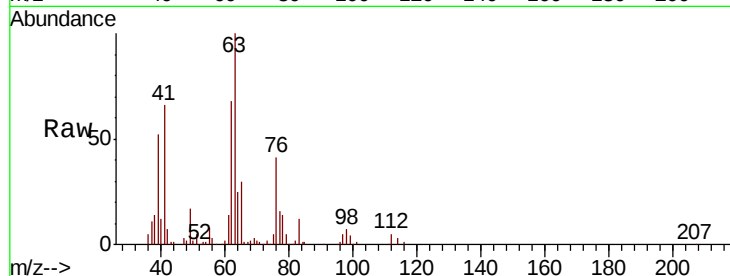
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 63 Resp: 214629

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

120000

100000

80000

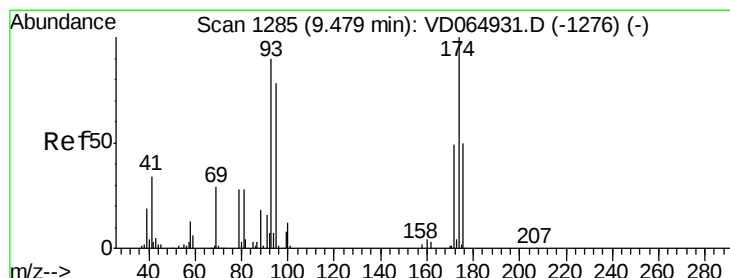
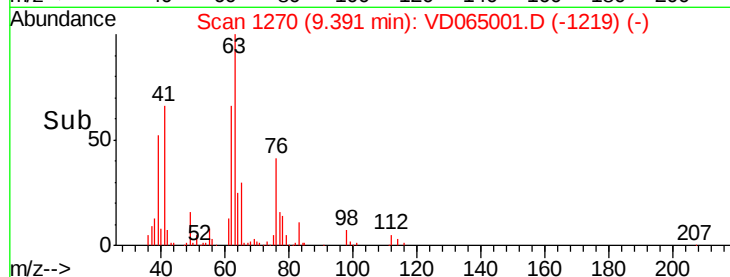
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 49.216 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

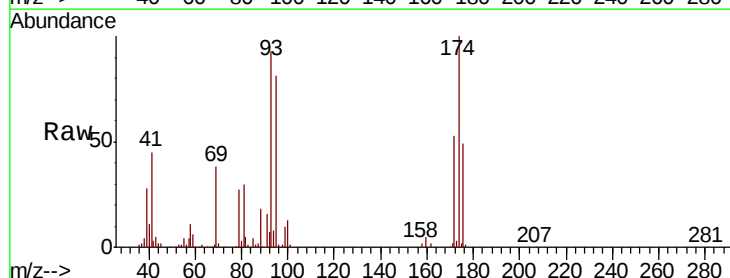
Tgt Ion: 93 Resp: 114528

Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

174 109.9 88.4 132.6



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

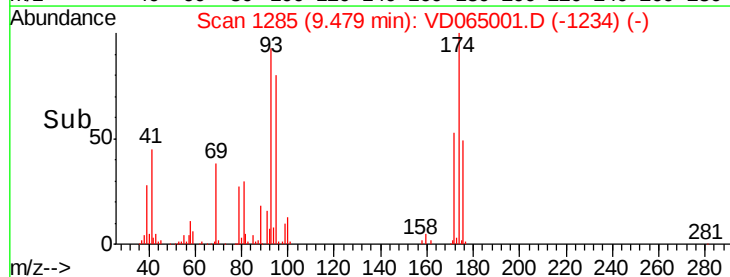
60000

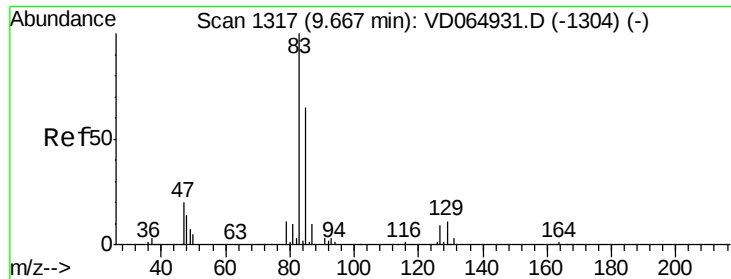
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.905 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

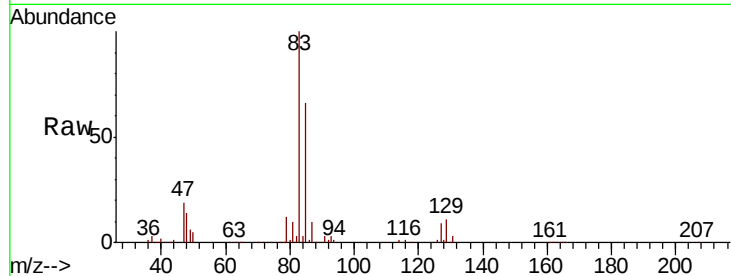
Tot Ion: 83 Resp: 308238

Ion Ratio Lower Upper

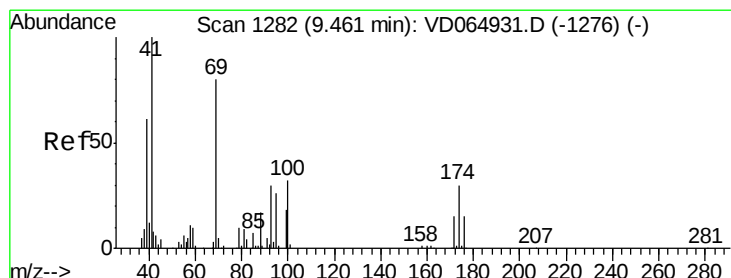
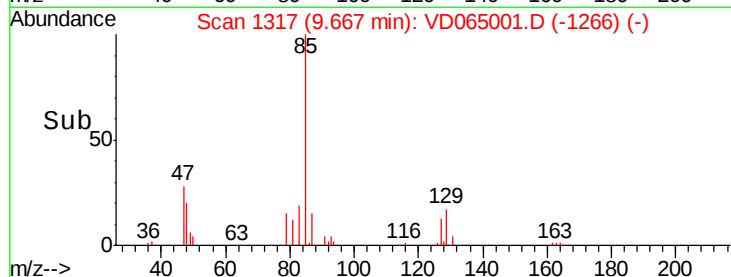
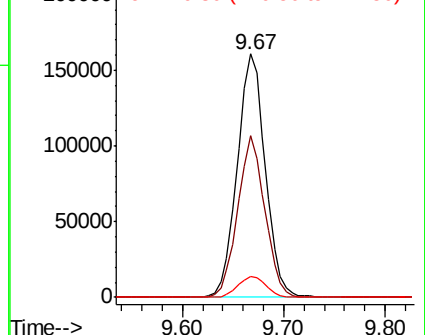
83 100

85 66.2 52.0 78.0

127 8.6 7.3 10.9



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: 51.095 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

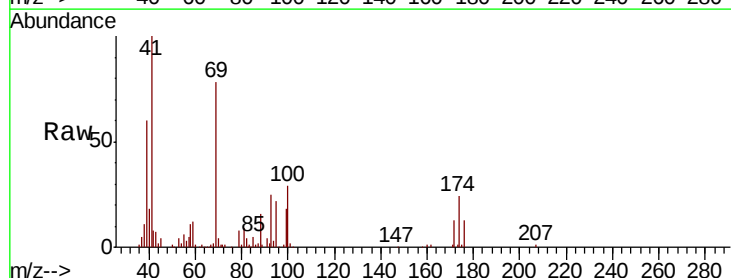
Tgt Ion: 41 Resp: 117776

Ion Ratio Lower Upper

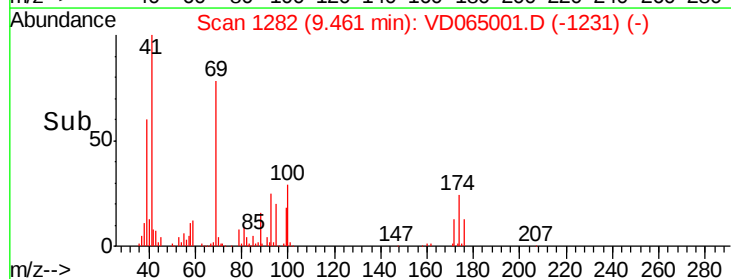
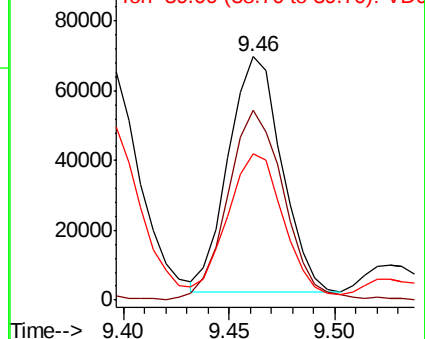
41 100

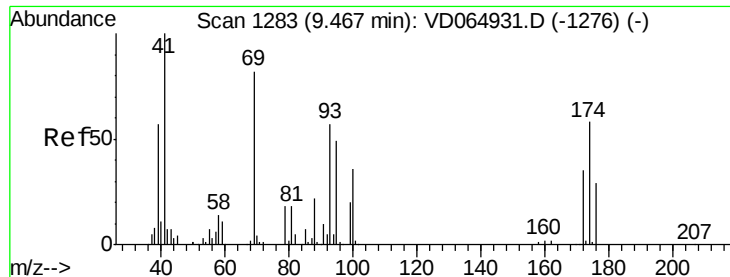
69 86.0 65.8 98.8

39 61.6 49.4 74.0



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

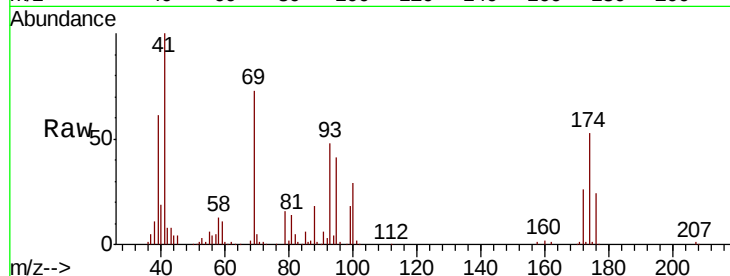




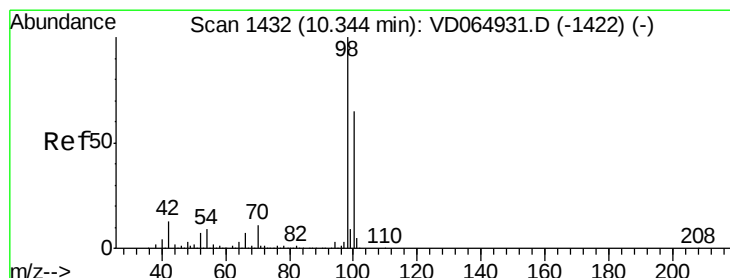
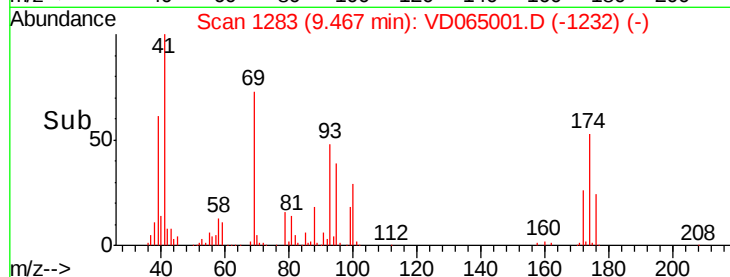
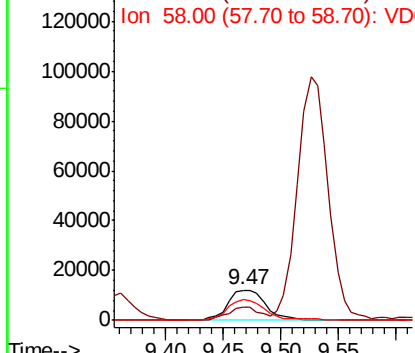
#49
1,4-Dioxane
Concen: 1027.581 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 27733
Ion Ratio Lower Upper
88 100
43 37.8 26.2 39.4
58 65.4 50.3 75.5

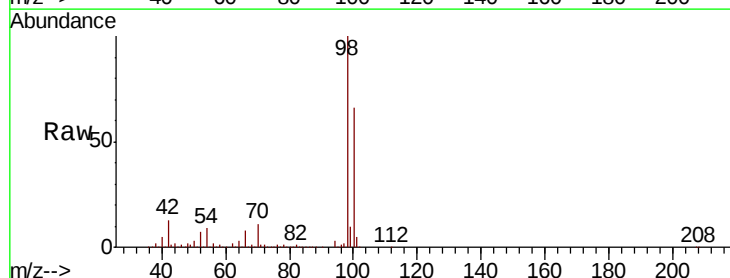


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

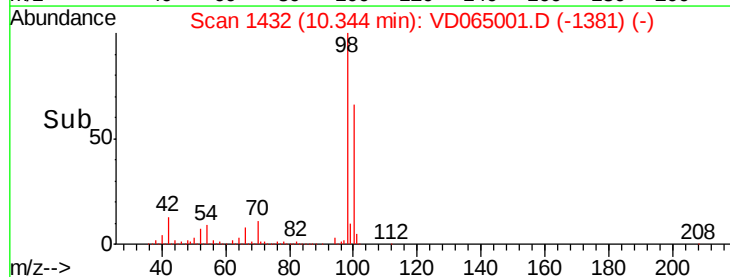
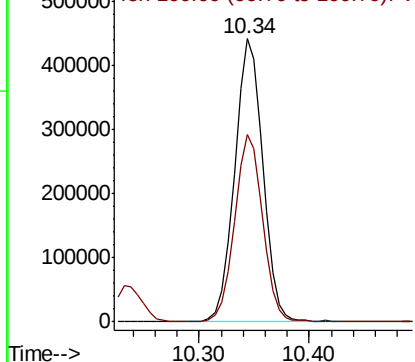


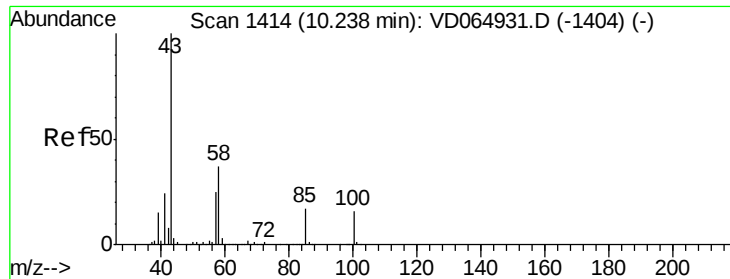
#50
Toluene-d8
Concen: 49.239 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 98 Resp: 790649
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5



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

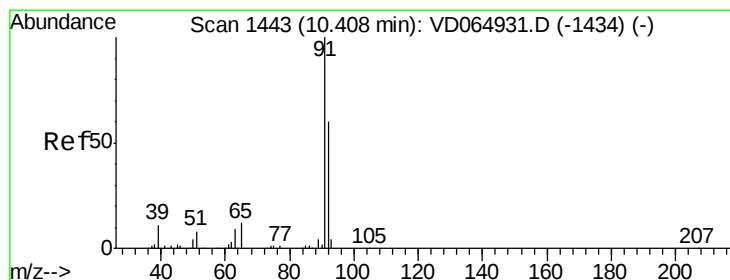
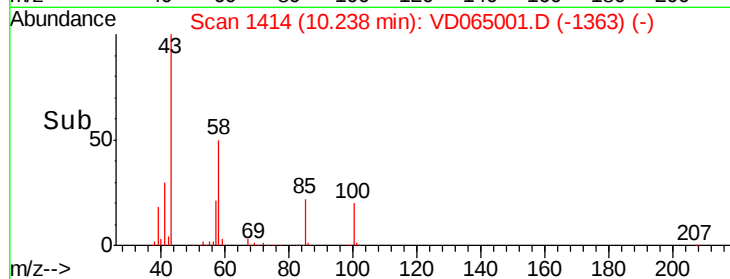
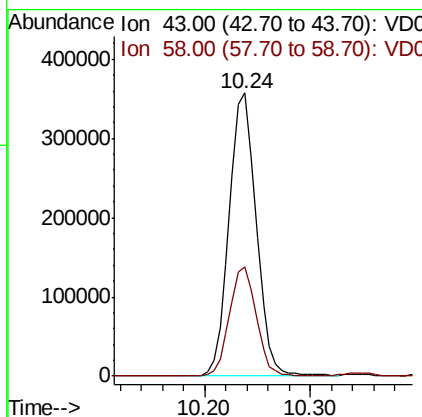
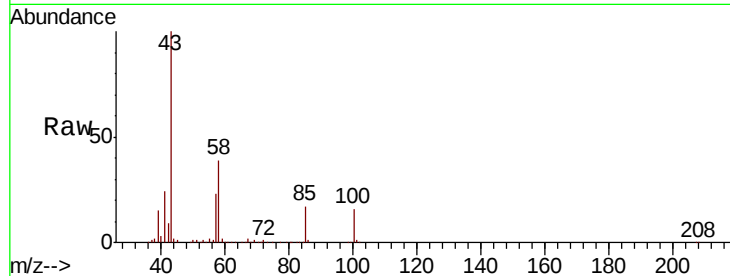




#51
 4-Methyl-2-Pentanone
 Concen: 254.211 ug/l
 RT: 10.24 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

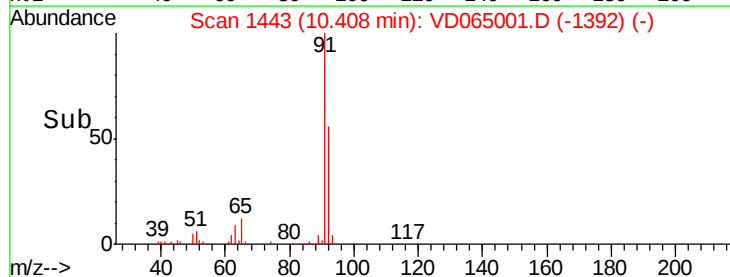
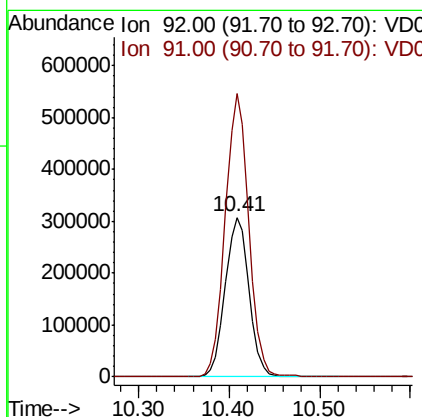
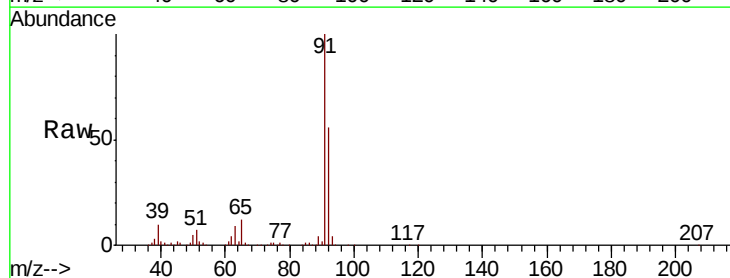
Instrument :
 MSVOA_D
 ClientSampleID :

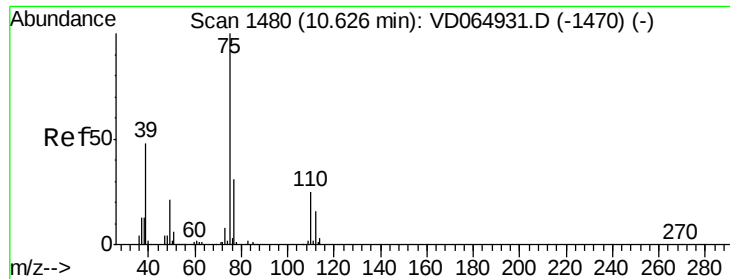
Tot Ion: 43 Resp: 637122
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.4 45.6



#52
 Toluene
 Concen: 49.439 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion: 92 Resp: 560428
 Ion Ratio Lower Upper
 92 100
 91 175.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 51.270 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

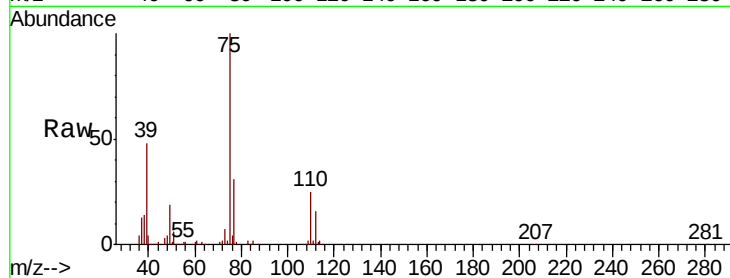
ClientSampleId :

Tot Ion: 75 Resp: 295721

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

150000

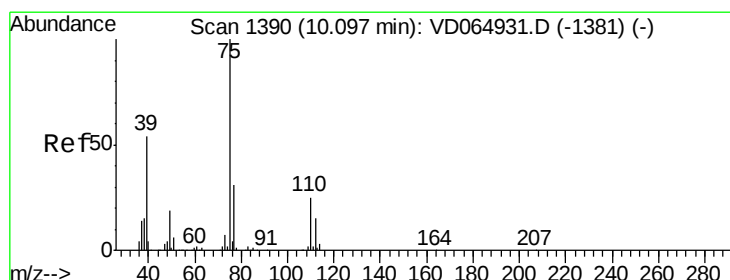
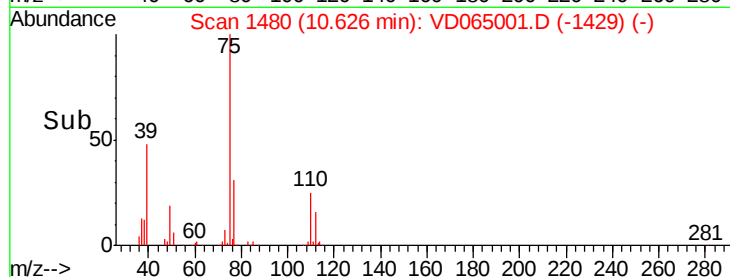
100000

50000

0

Time-->

10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.899 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

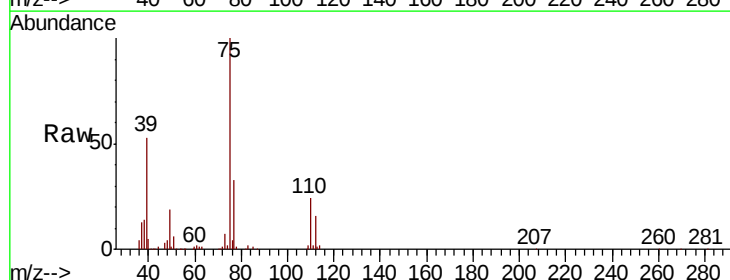
Tgt Ion: 75 Resp: 343728

Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

39 52.6 43.0 64.6



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

250000

200000

150000

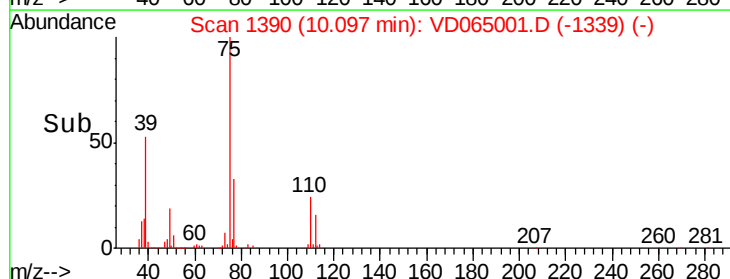
100000

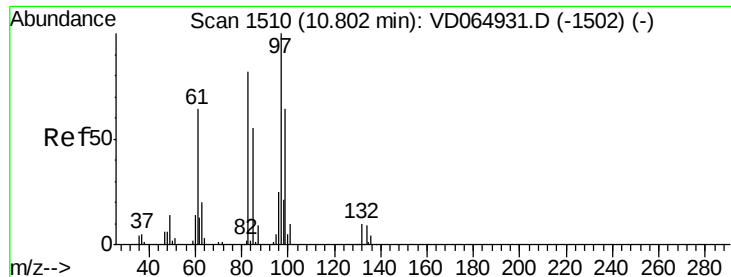
50000

0

Time-->

10.00 10.10 10.20

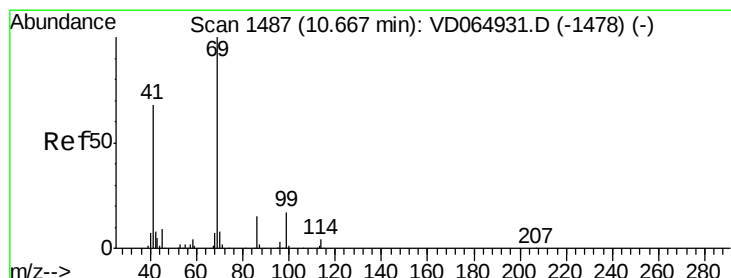
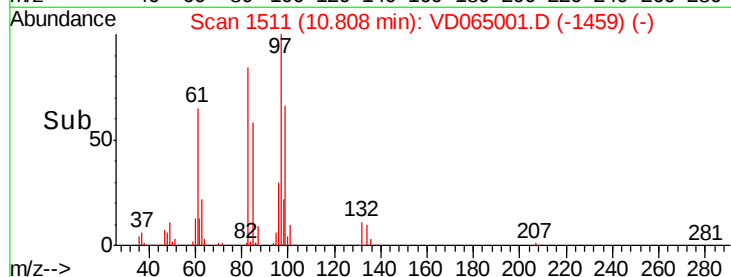
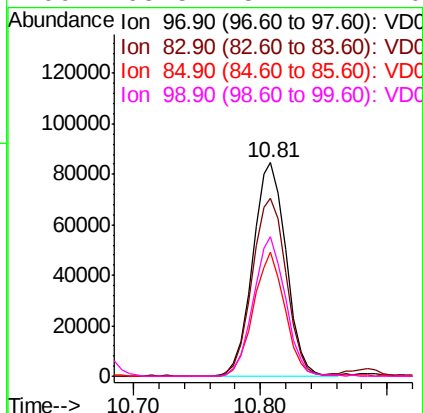
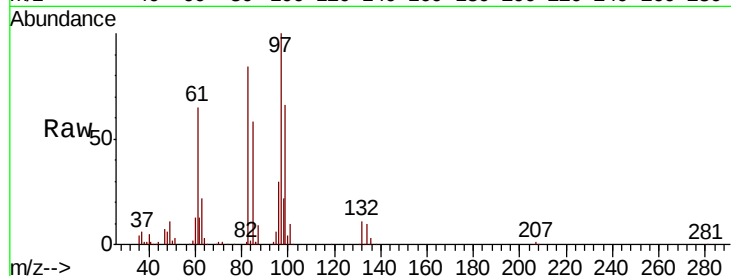




#55
 1,1,2-Trichloroethane
 Concen: 49.603 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

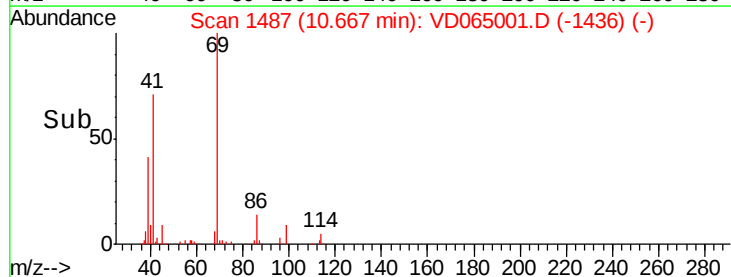
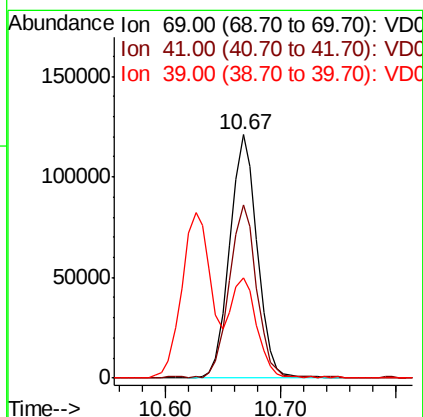
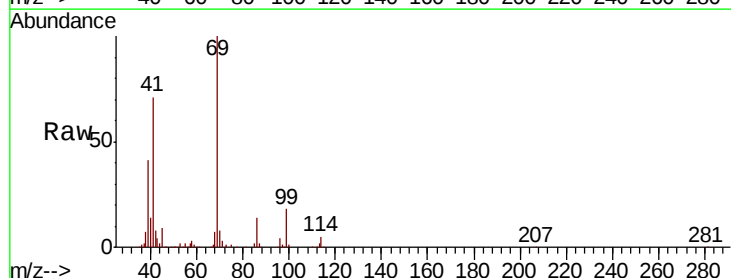
Instrument :
 MSVOA_D
 ClientSampleId :

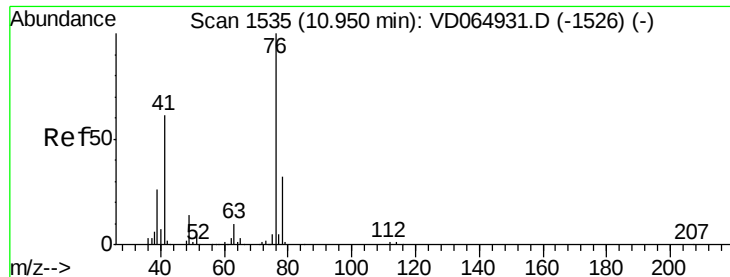
Tot Ion:	97	Resp:	155483
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.0	99.0
85	57.9	44.4	66.6
99	65.5	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 53.031 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion:	69	Resp:	198780
Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.4	84.6
39	38.9	30.6	46.0





#57

1,3-Dichloropropane

Concen: 51.040 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

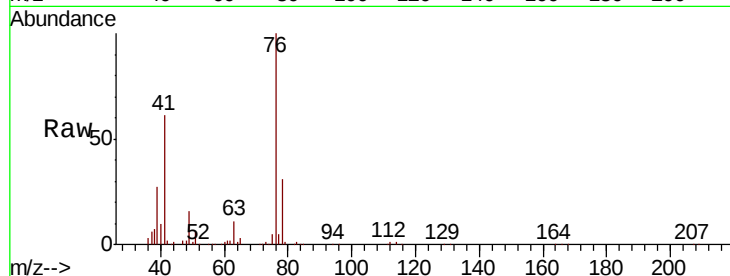
ClientSampleId :

Tot Ion: 76 Resp: 274401

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

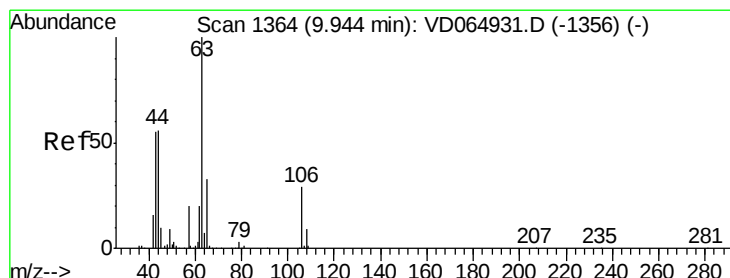
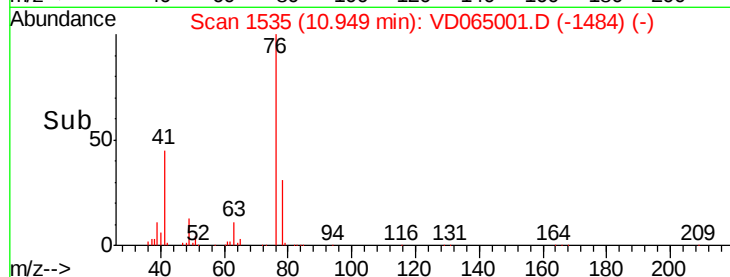
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.145 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD065001.D

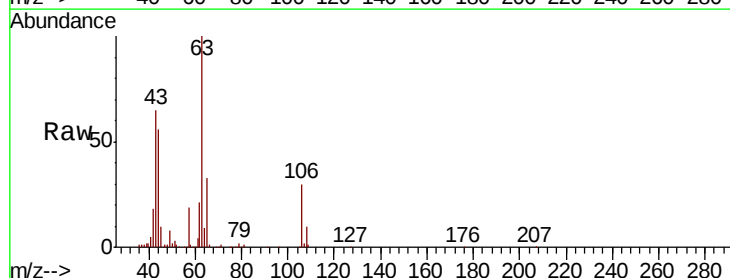
Acq: 29 Jan 2020 17:53

Tgt Ion: 63 Resp: 317729

Ion Ratio Lower Upper

63 100

106 29.5 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.95

200000

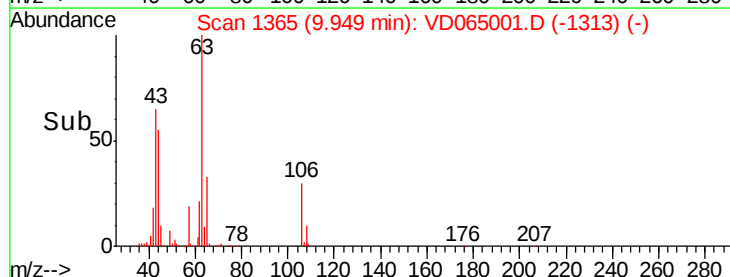
150000

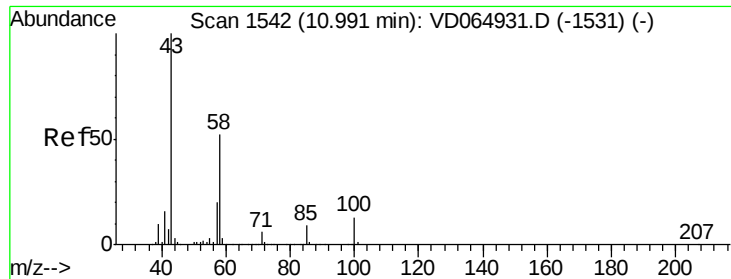
100000

50000

0

Time-->

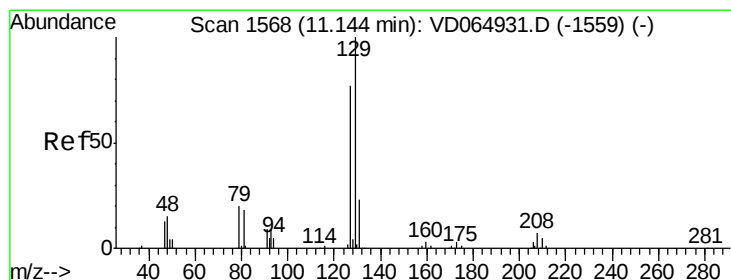
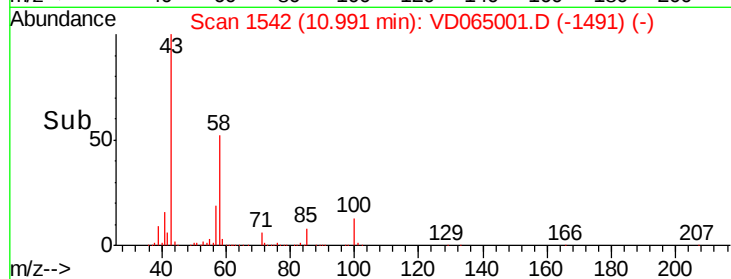
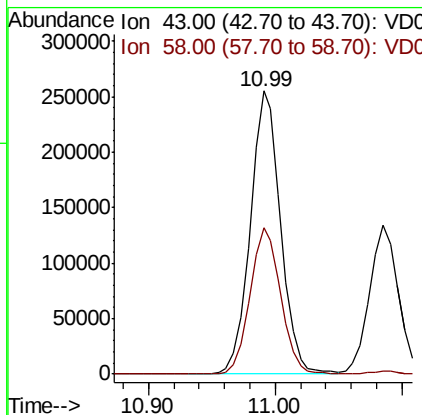
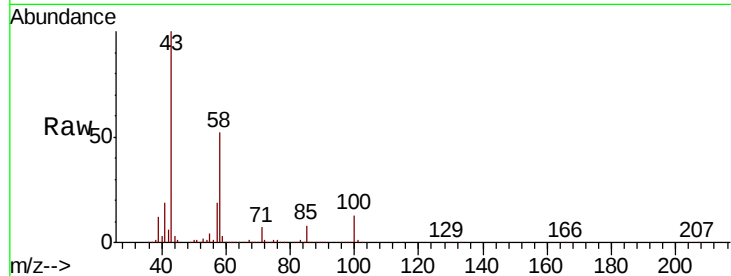




#59
2-Hexanone
Concen: 244.999 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

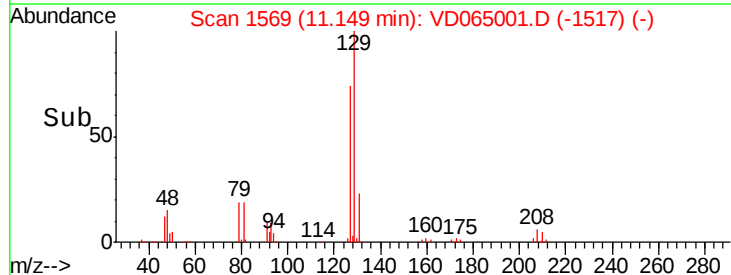
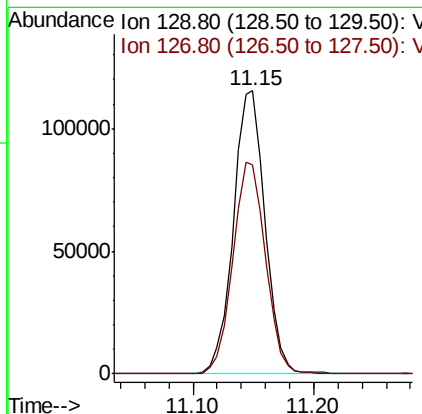
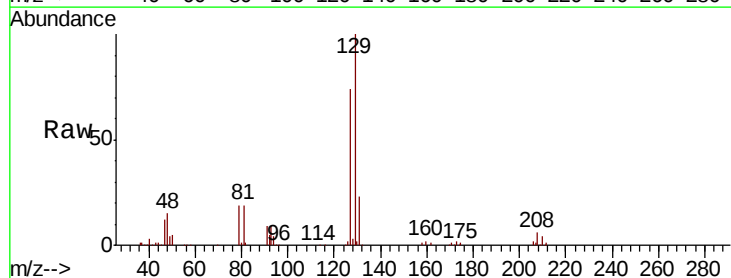
Instrument :
MSVOA_D
ClientSampleId :

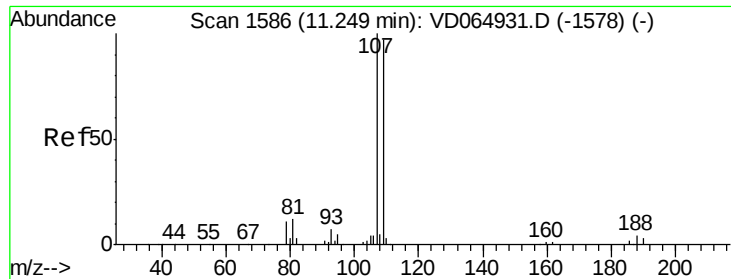
Tot Ion: 43 Resp: 423544
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4



#60
Dibromochloromethane
Concen: 50.382 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 129 Resp: 211076
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.243 ug/l

RT: 11.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

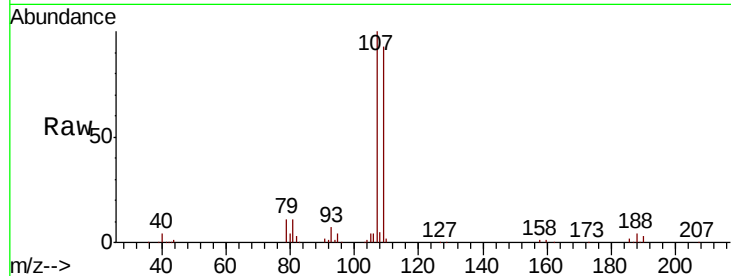
ClientSampleId :

Tot Ion: 107 Resp: 151645

Ion Ratio Lower Upper

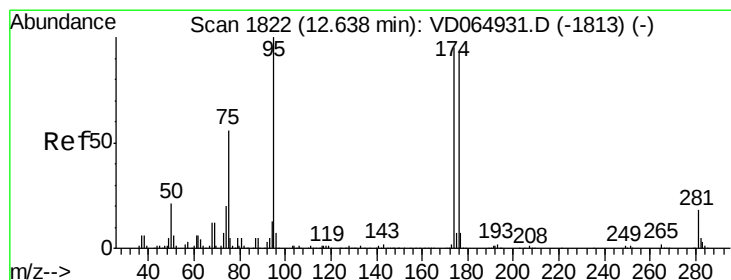
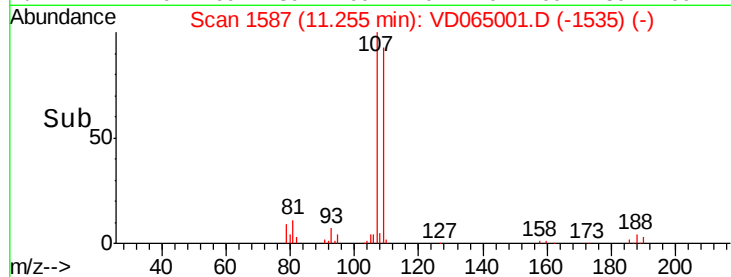
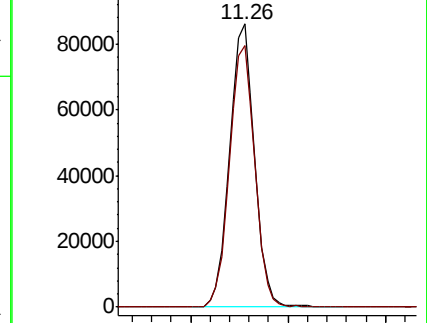
107 100

109 94.3 77.1 115.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.425 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

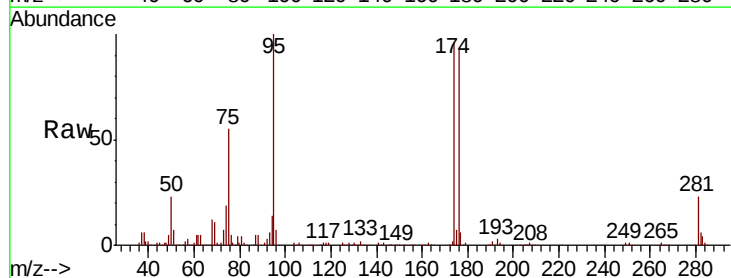
Tgt Ion: 95 Resp: 247782

Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.8

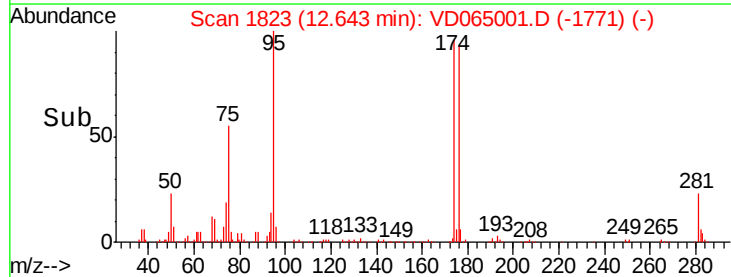
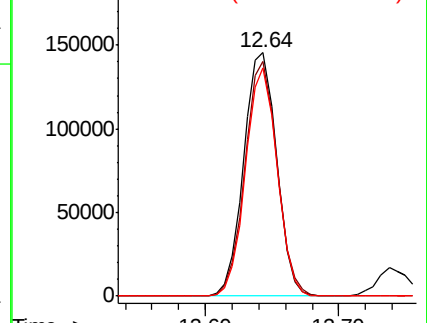
176 89.9 0.0 183.4

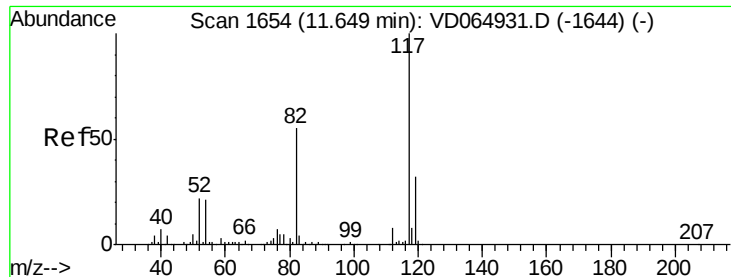


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

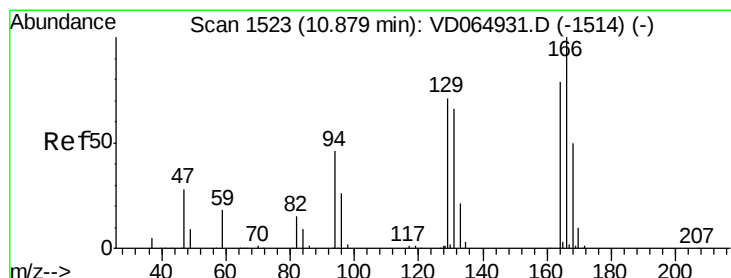
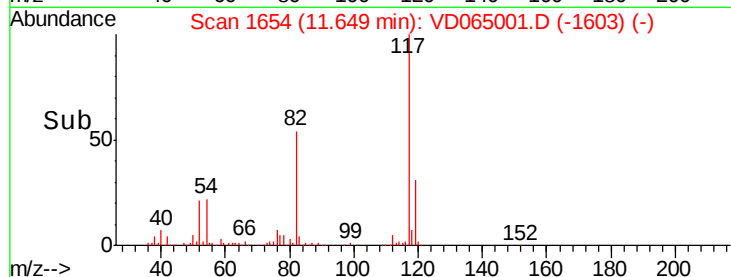
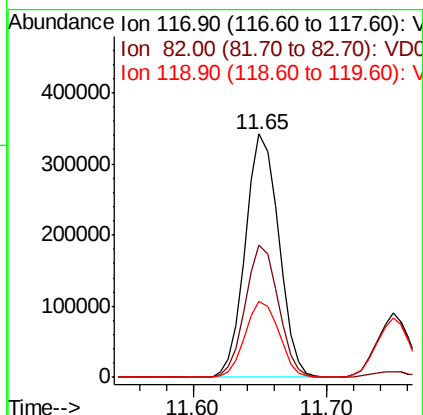
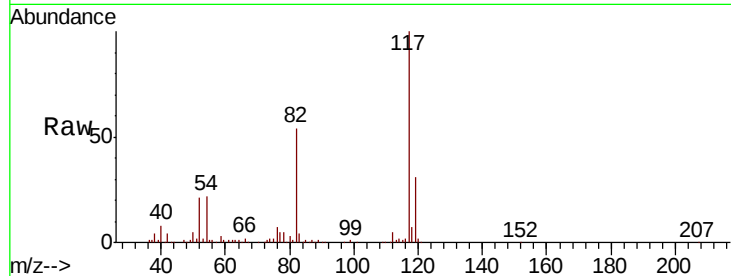




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

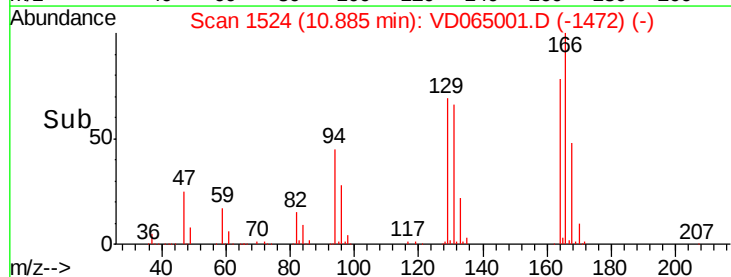
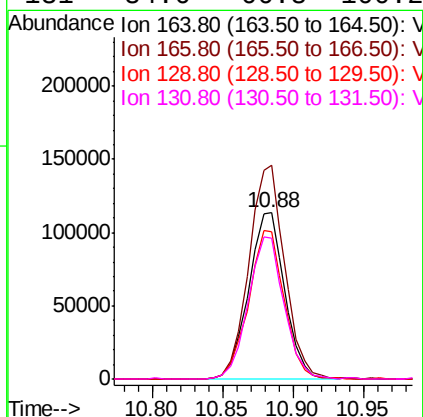
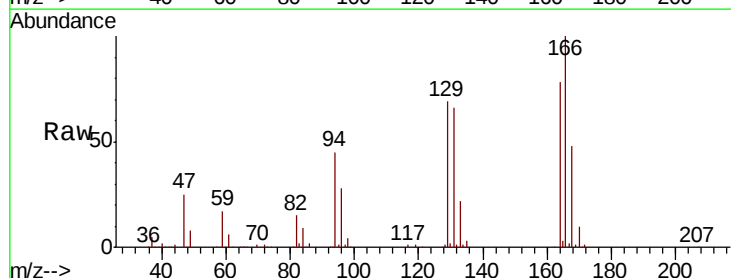
Instrument :
MSVOA_D
ClientSampled :

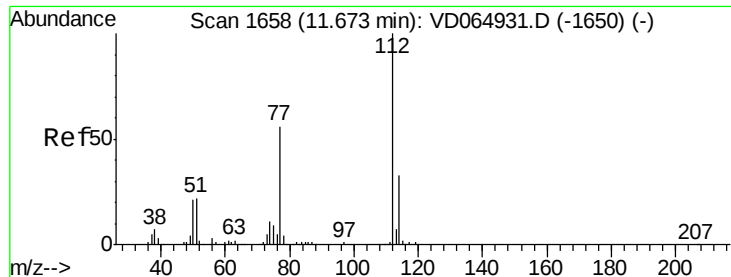
Tot Ion:117 Resp: 594354
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 47.416 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion:164 Resp: 203649
Ion Ratio Lower Upper
164 100
166 128.6 101.4 152.2
129 88.5 71.8 107.8
131 84.6 66.8 100.2

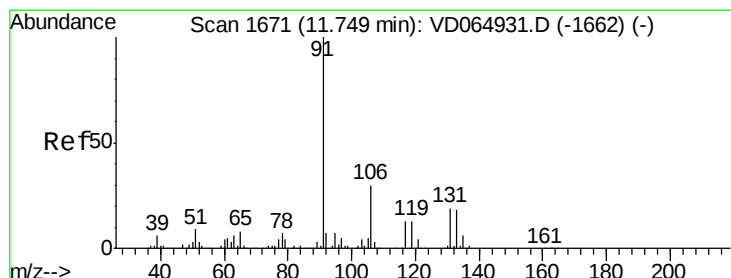
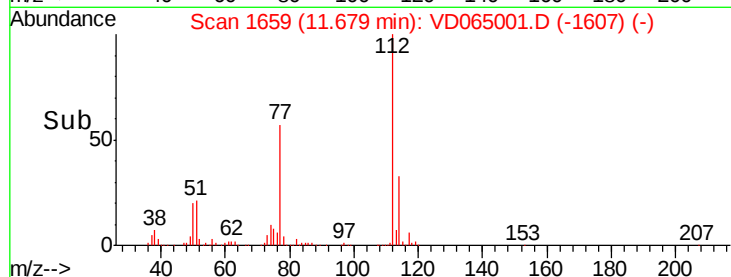
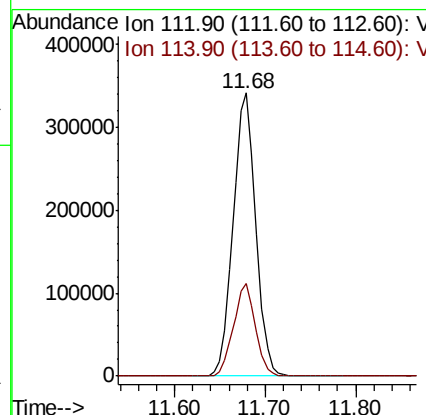
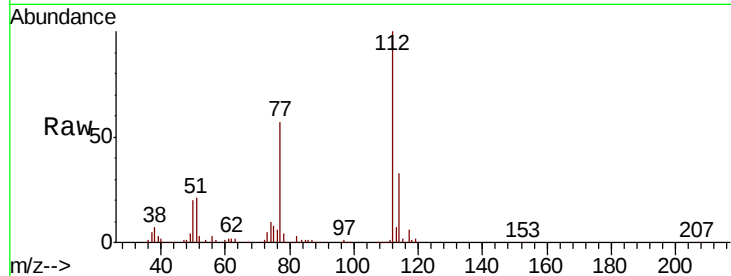




#65
Chlorobenzene
Concen: 49.038 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

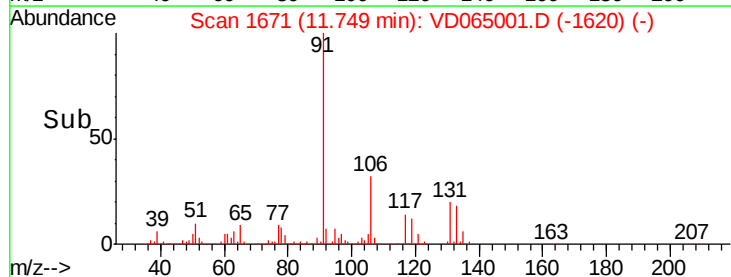
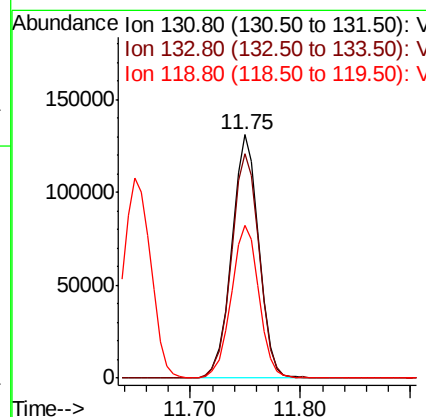
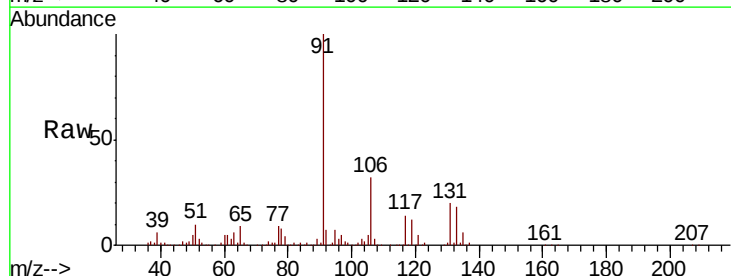
Instrument :
MSVOA_D
ClientSampleId :

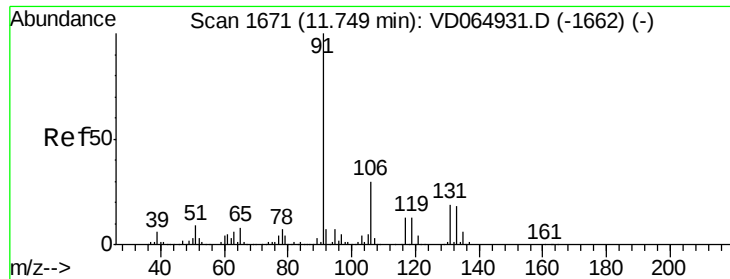
Tot Ion:112 Resp: 591771
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.502 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion:131 Resp: 224661
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 64.2 31.1 93.5





#67

Ethyl Benzene

Concen: 50.657 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

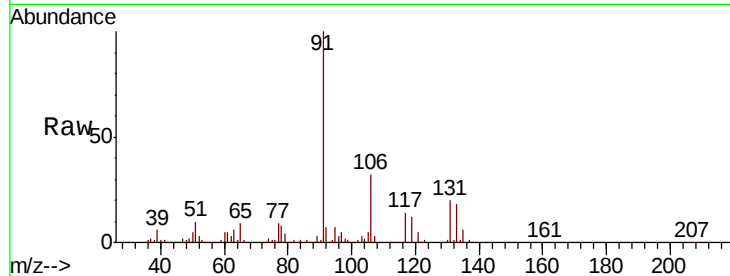
ClientSampleId :

Tot Ion: 91 Resp: 1085276

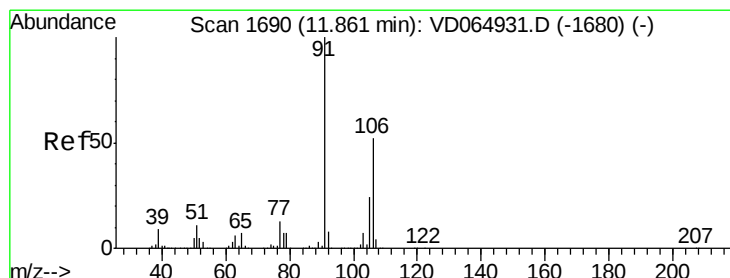
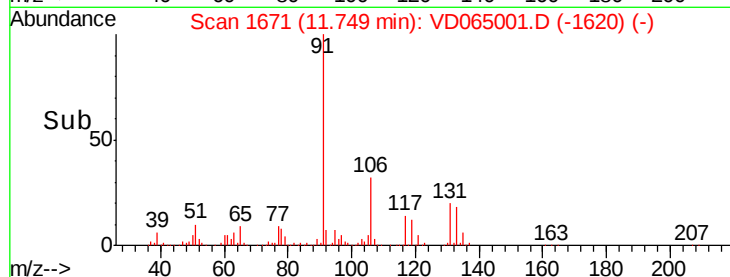
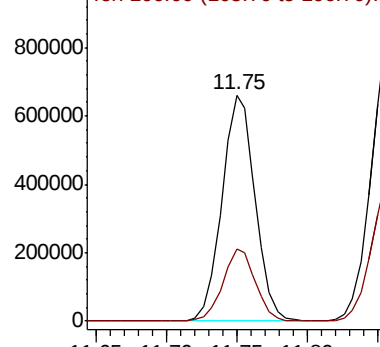
Ion Ratio Lower Upper

91 100

106 32.1 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 102.888 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065001.D

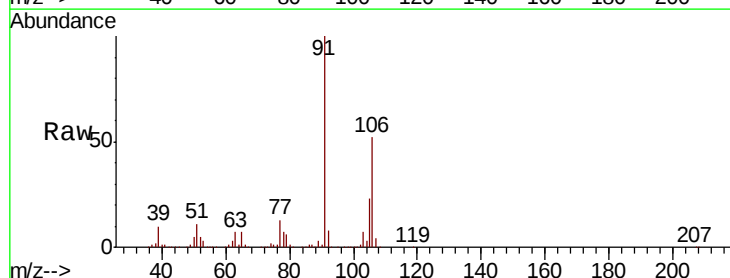
Acq: 29 Jan 2020 17:53

Tgt Ion: 106 Resp: 848694

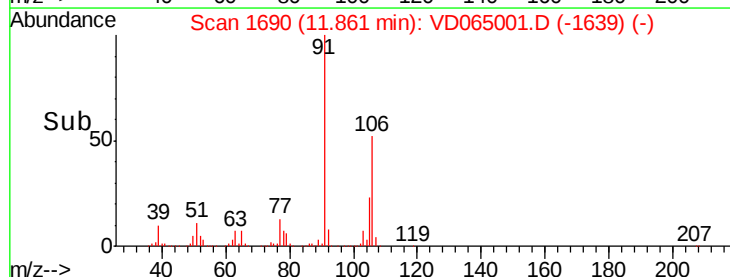
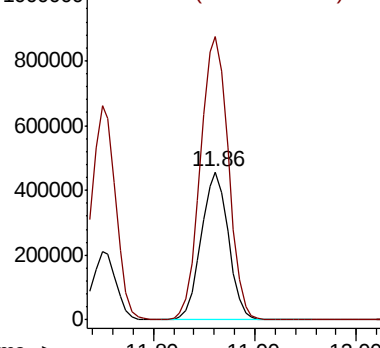
Ion Ratio Lower Upper

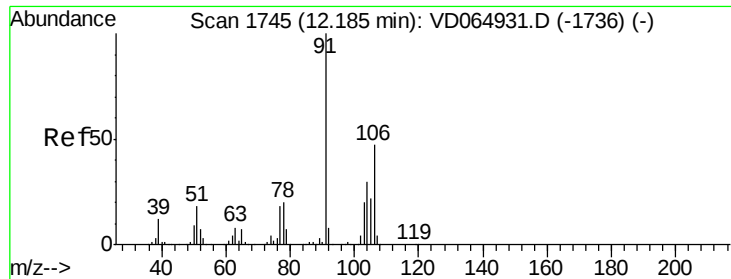
106 100

91 197.4 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

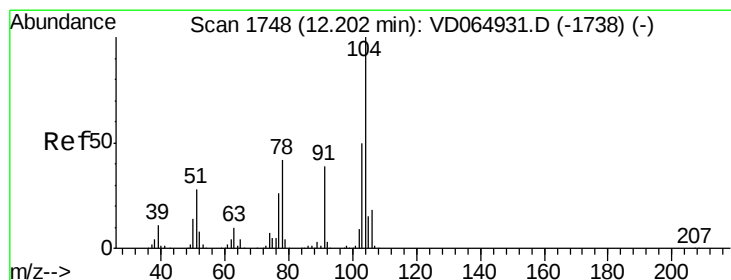
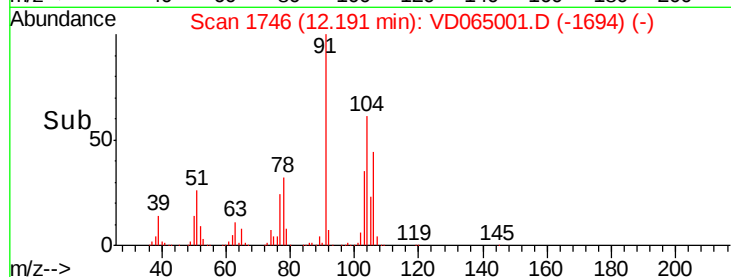
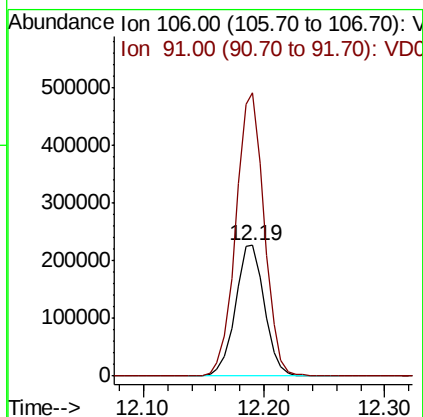
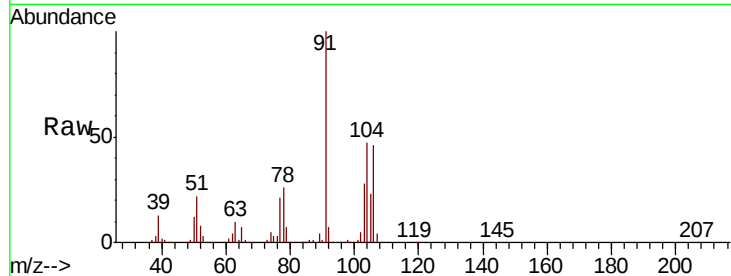




#69
o-Xylene
Concen: 51.935 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

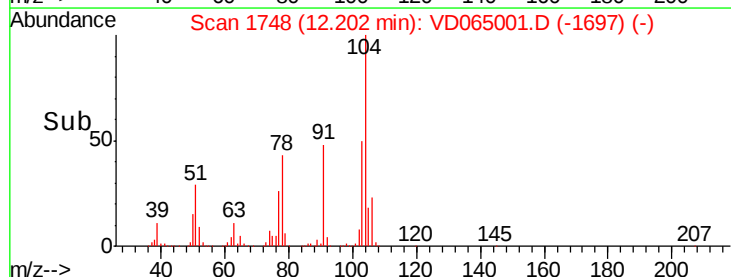
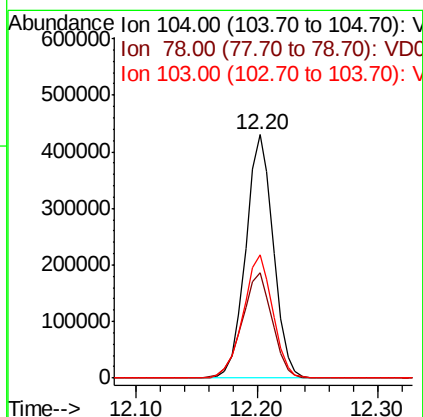
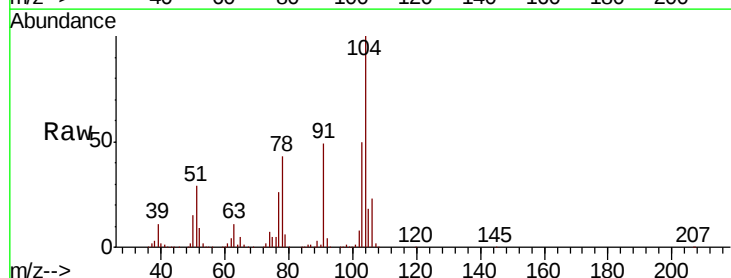
Instrument :
MSVOA_D
ClientSampled :

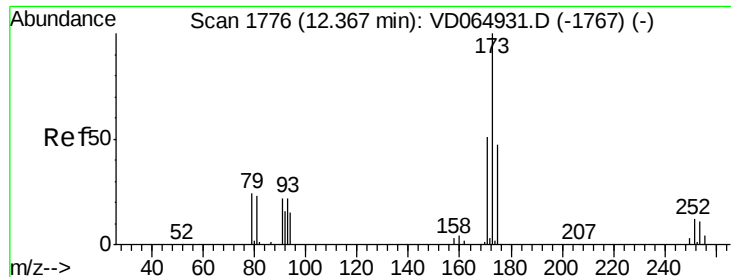
Tot Ion:106 Resp: 380205
Ion Ratio Lower Upper
106 100
91 211.4 106.7 319.9



#70
Styrene
Concen: 52.608 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion:104 Resp: 686071
Ion Ratio Lower Upper
104 100
78 47.5 38.3 57.5
103 54.2 43.5 65.3





#71

Bromoform

Concen: 49.673 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

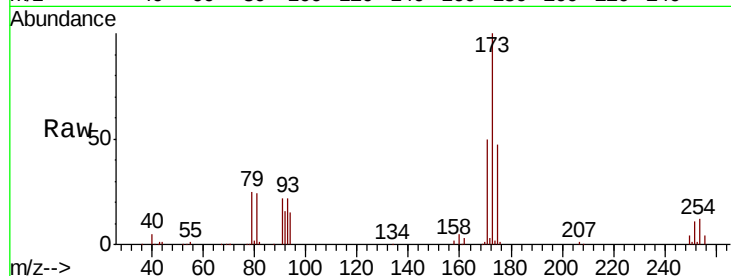
Tot Ion:173 Resp: 125316

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.1 0.1

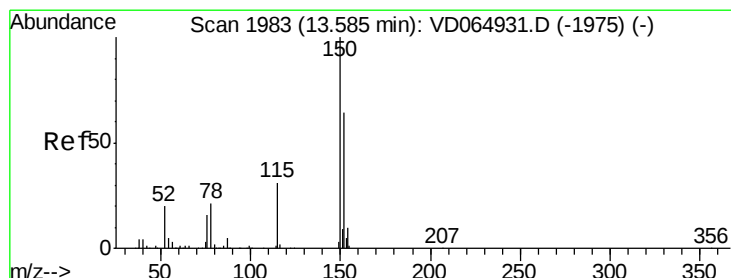
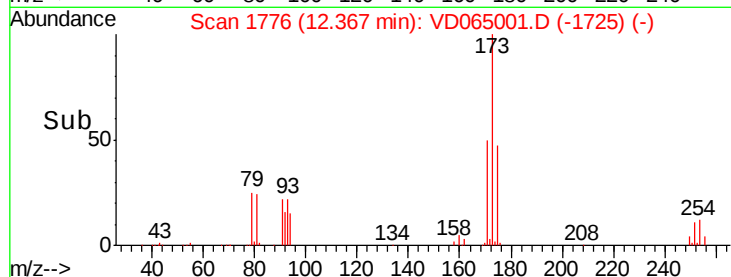
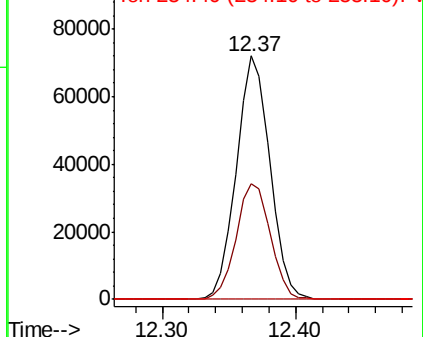


Abundance

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: VD065001.D

Acq: 29 Jan 2020 17:53

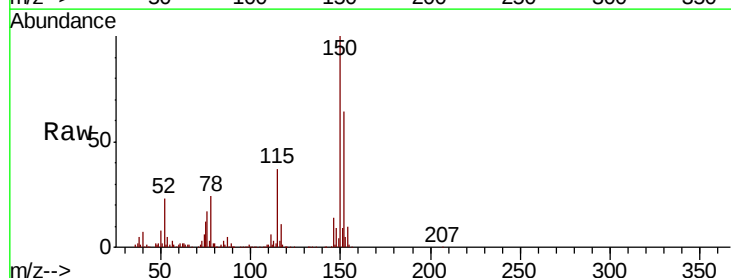
Tgt Ion:152 Resp: 293801

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.4

150 172.3 0.0 350.4

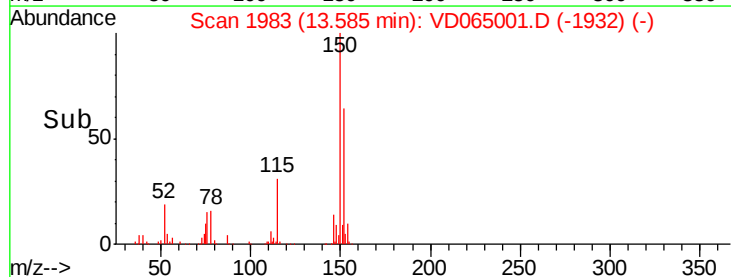
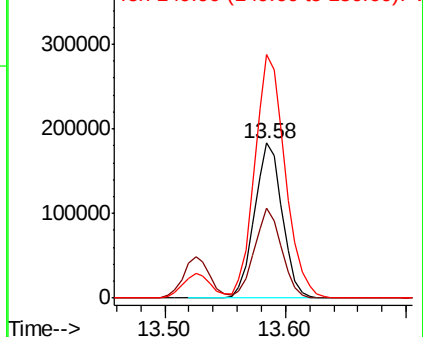


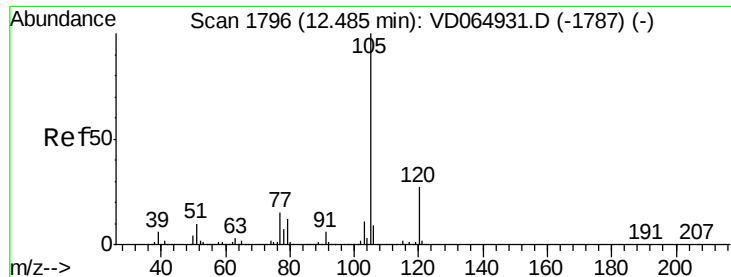
Abundance

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

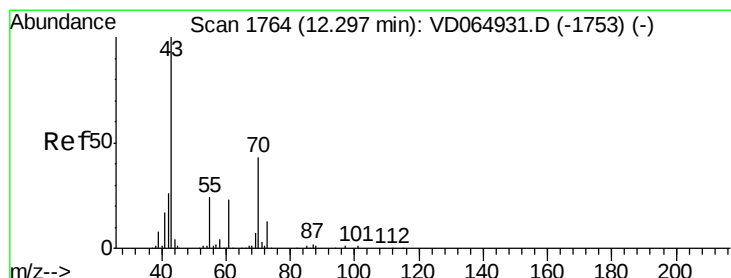
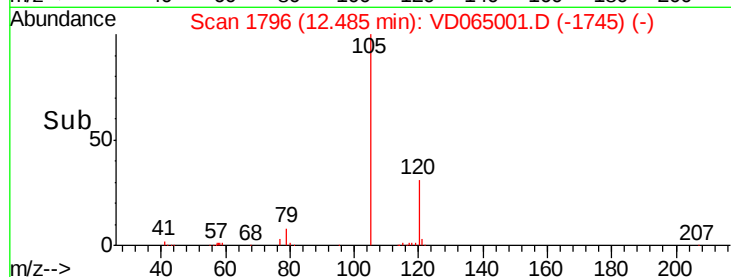
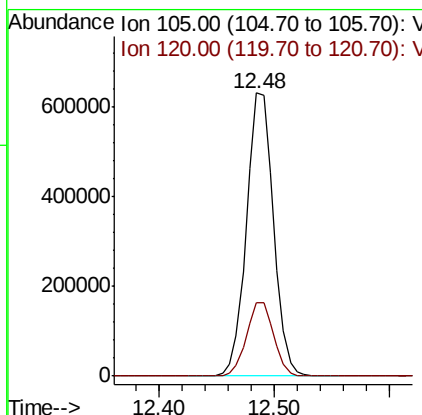
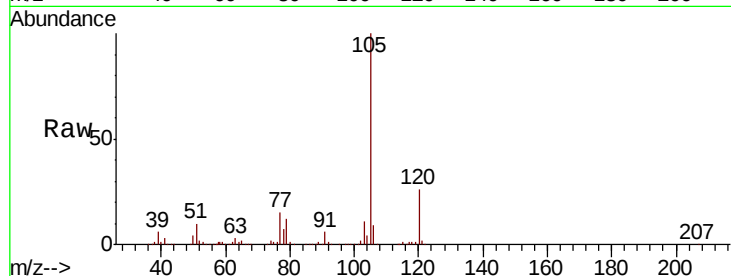




#73
Isopropylbenzene
Concen: 51.176 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

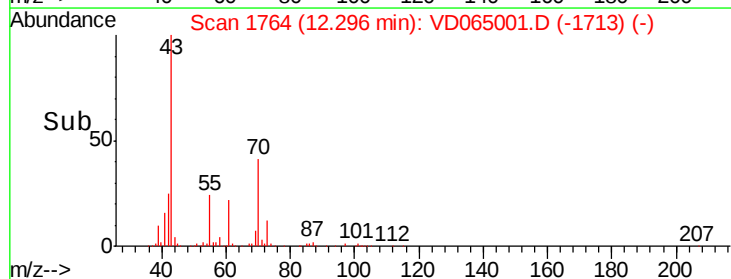
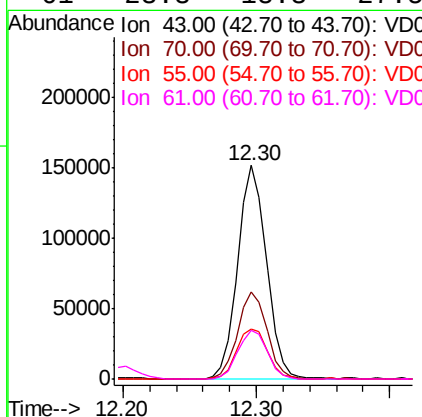
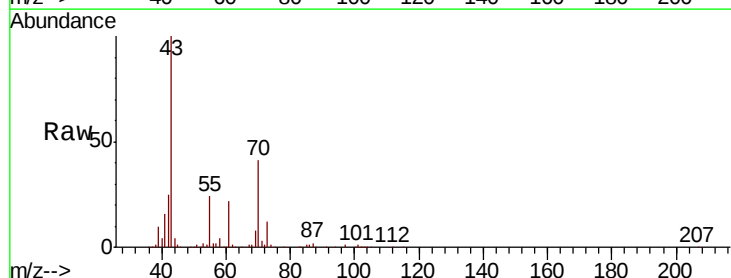
Instrument :
MSVOA_D
ClientSampleId :

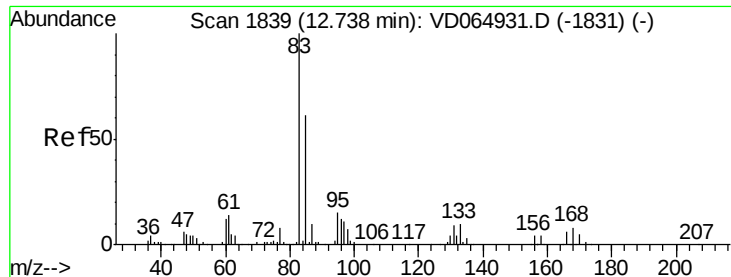
Tot Ion:105 Resp: 1027673
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 50.351 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 43 Resp: 226252
Ion Ratio Lower Upper
43 100
70 41.5 32.6 49.0
55 25.3 19.9 29.9
61 23.3 18.3 27.5

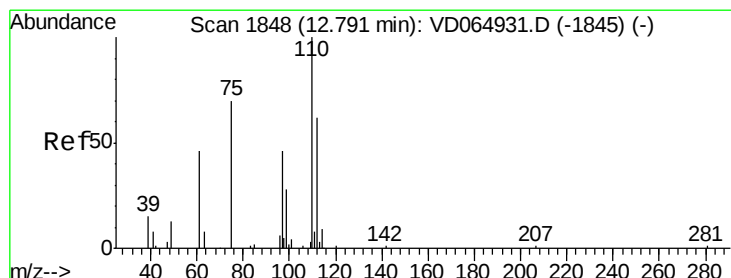
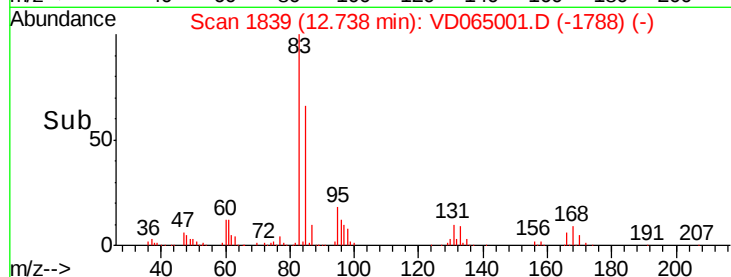
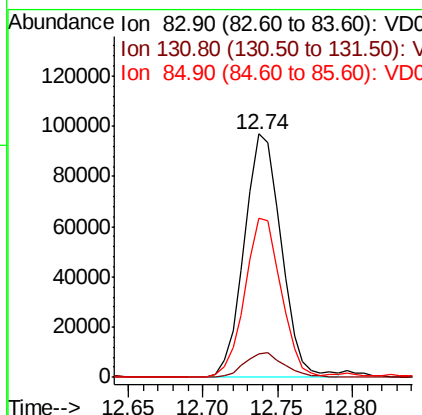
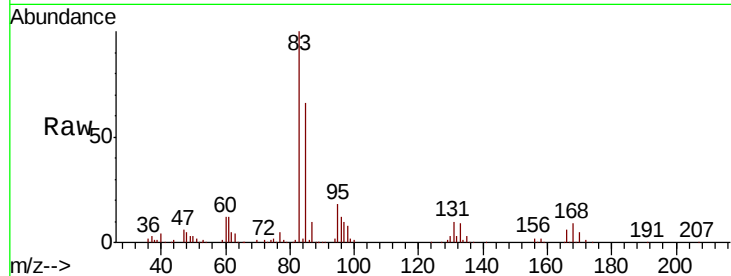




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.403 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

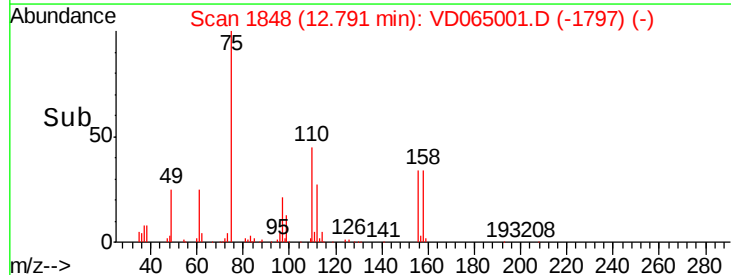
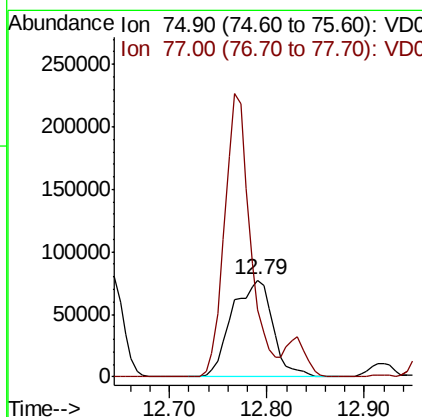
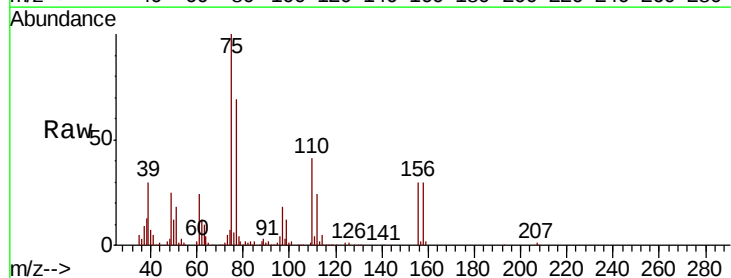
Instrument :
 MSVOA_D
 ClientSampleId :

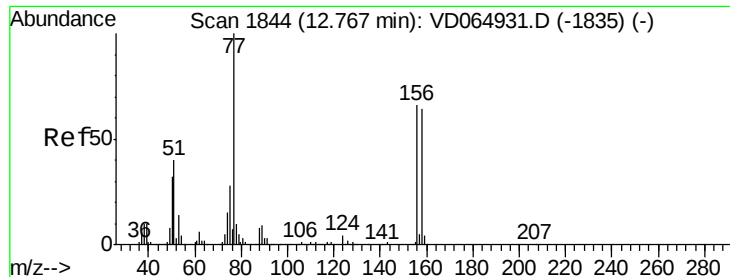
Tot Ion	83	Resp	166738
Ion Ratio	100	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	64.0	31.6	94.7



#76
 1,2,3-Trichloropropane
 Concen: 92.202 ug/l
 RT: 12.79 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion	75	Resp	224843
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.738 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

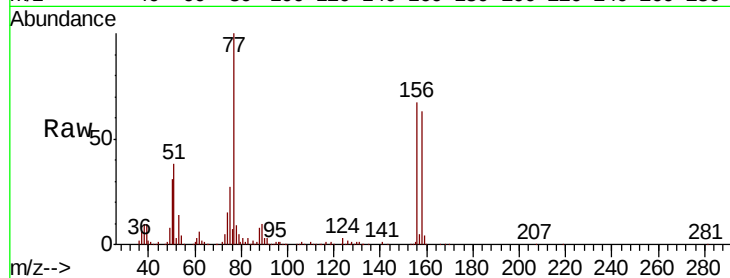
Tot Ion:156 Resp: 249292

Ion Ratio Lower Upper

156 100

77 168.2 84.2 252.5

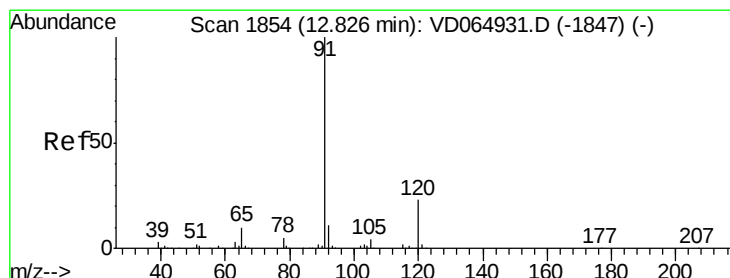
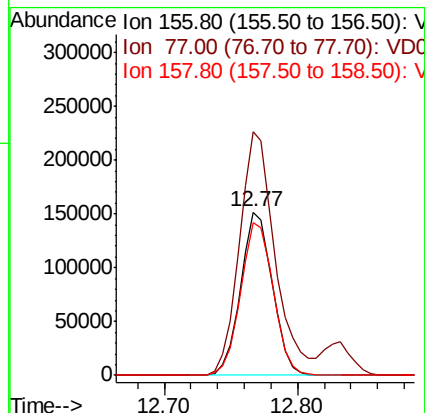
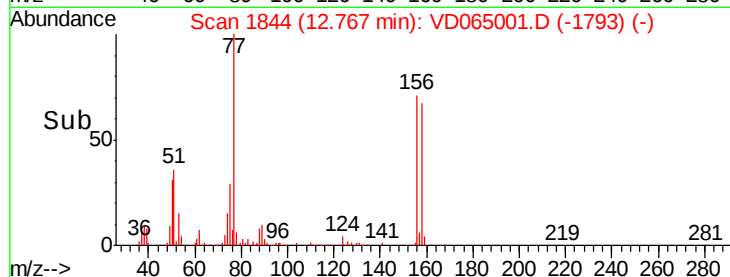
158 95.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.531 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065001.D

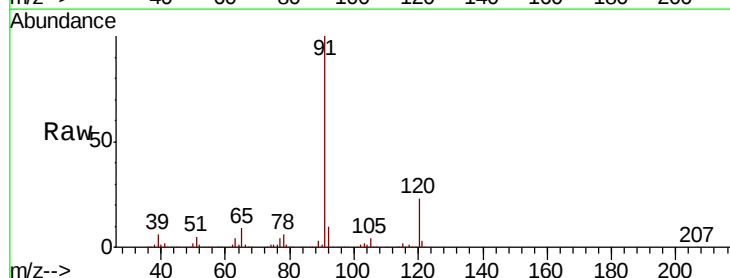
Acq: 29 Jan 2020 17:53

Tgt Ion: 91 Resp: 1206735

Ion Ratio Lower Upper

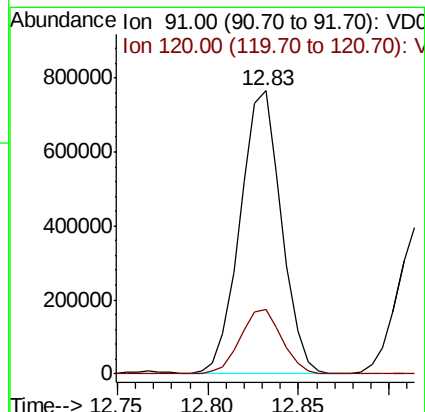
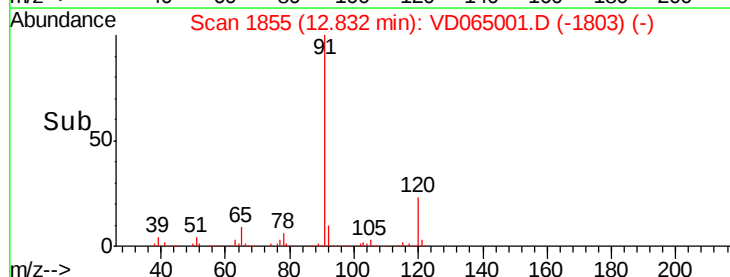
91 100

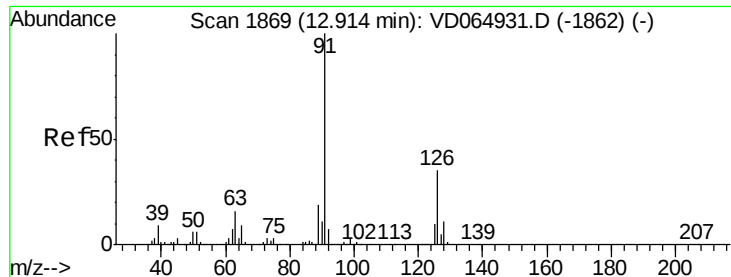
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

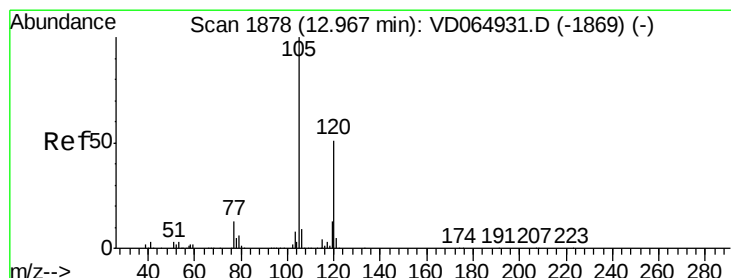
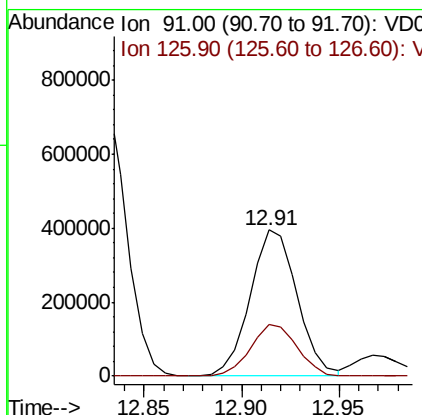
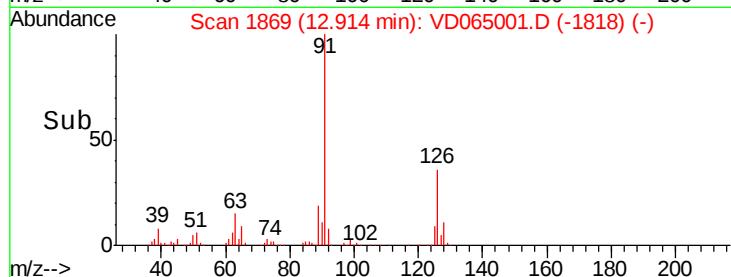
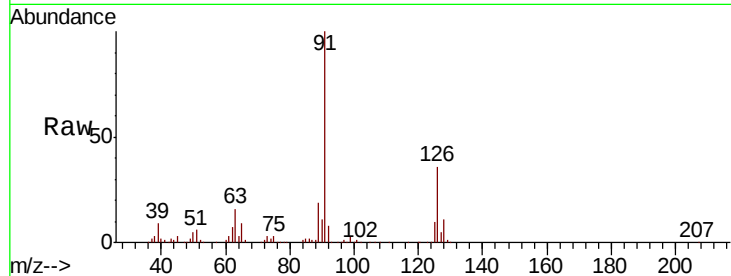




#79
2-Chlorotoluene
Concen: 50.238 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

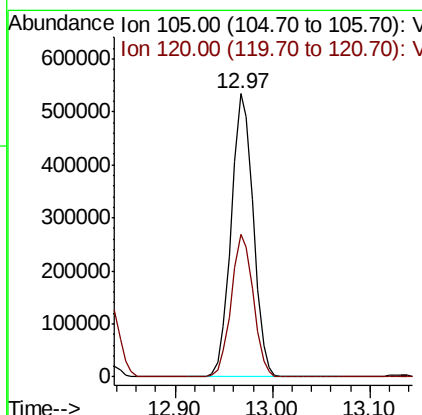
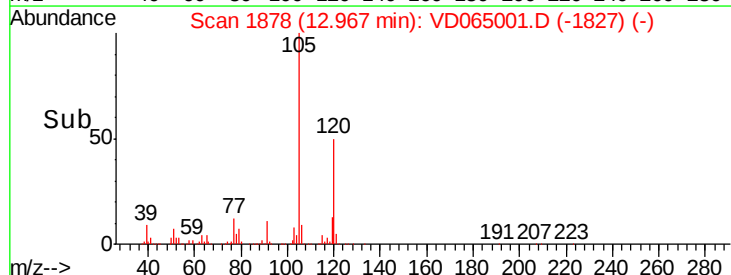
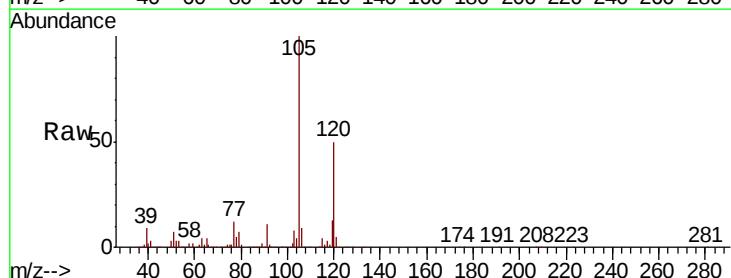
Instrument :
MSVOA_D
ClientSampleId :

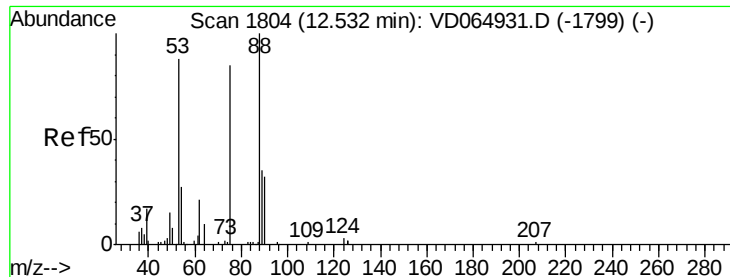
Tot Ion: 91 Resp: 658161
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 50.933 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 105 Resp: 838162
Ion Ratio Lower Upper
105 100
120 50.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.816 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

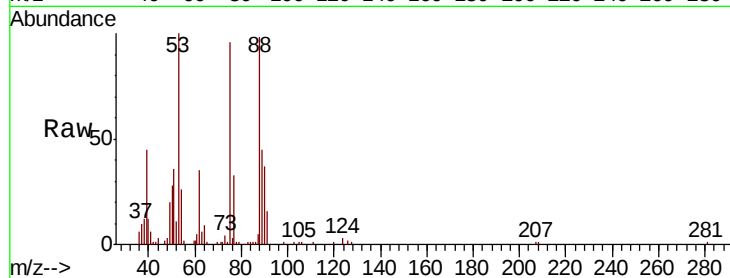
Tot Ion: 75 Resp: 55751

Ion Ratio Lower Upper

75 100

53 101.6 81.0 121.4

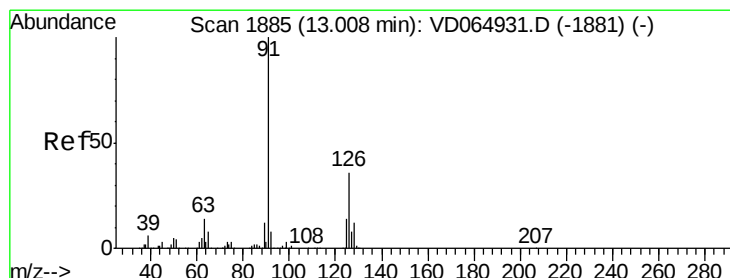
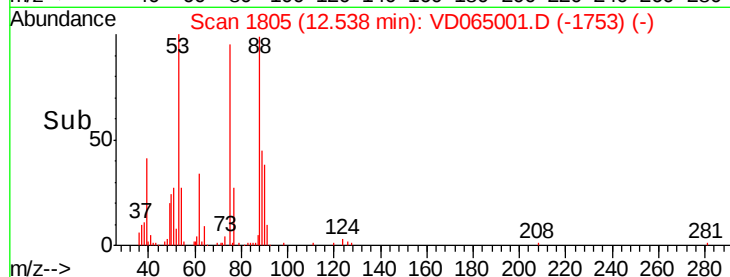
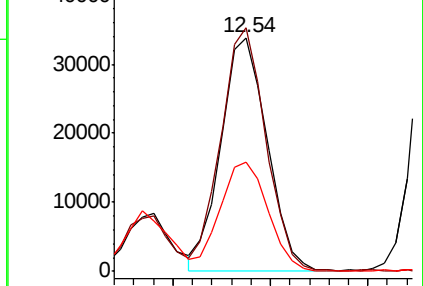
89 48.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.840 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065001.D

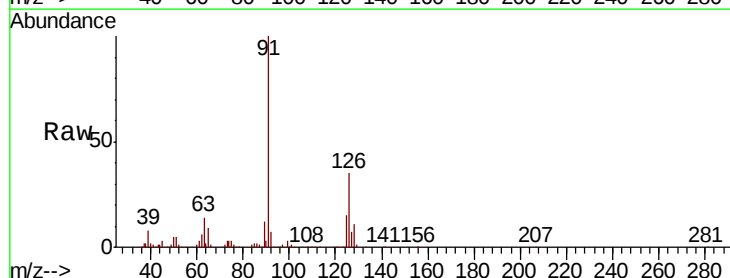
Acq: 29 Jan 2020 17:53

Tgt Ion: 91 Resp: 706344

Ion Ratio Lower Upper

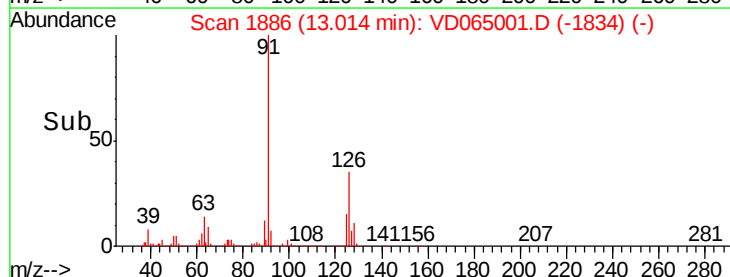
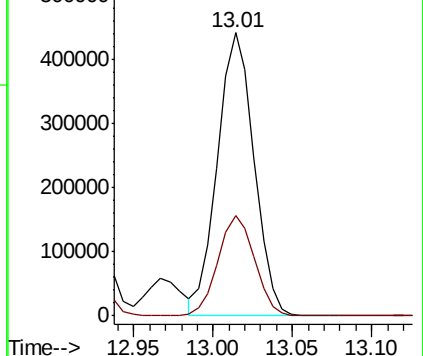
91 100

126 35.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

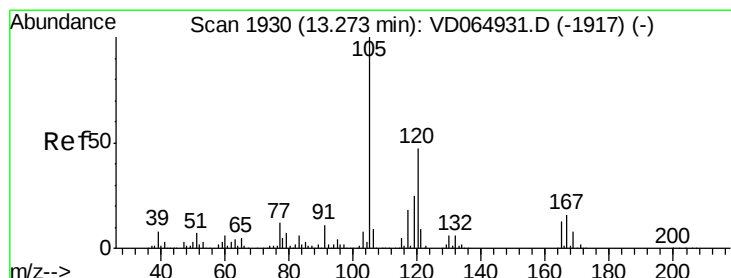
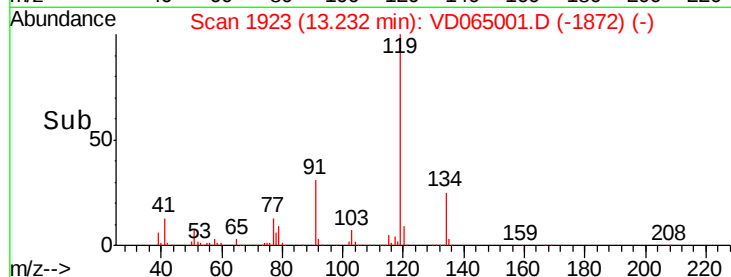
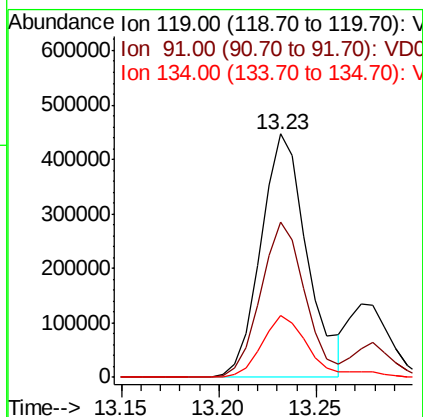
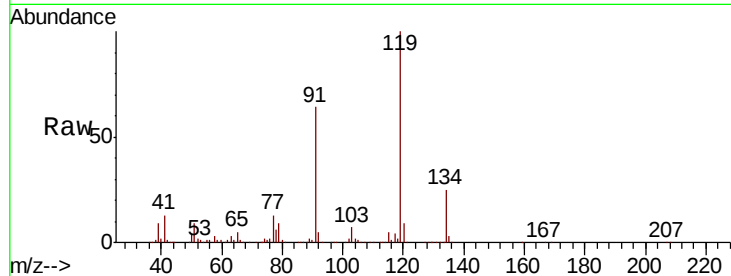




#83
tert-Butylbenzene
Concen: 52.526 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

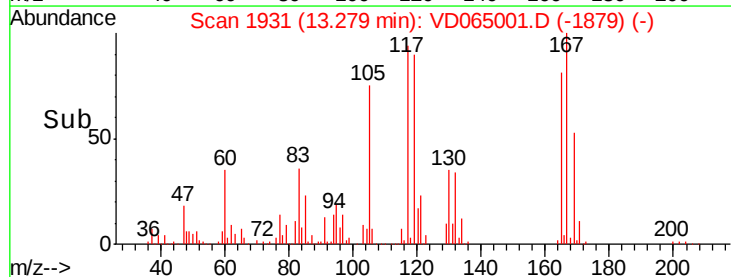
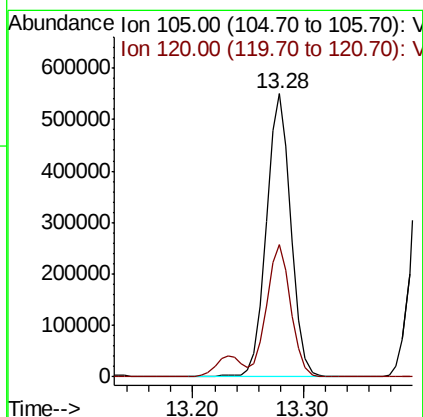
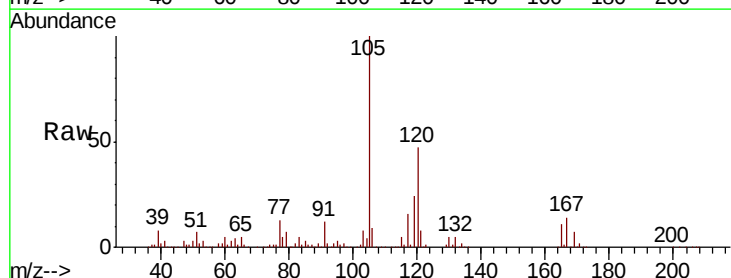
Instrument :
MSVOA_D
ClientSampleID :

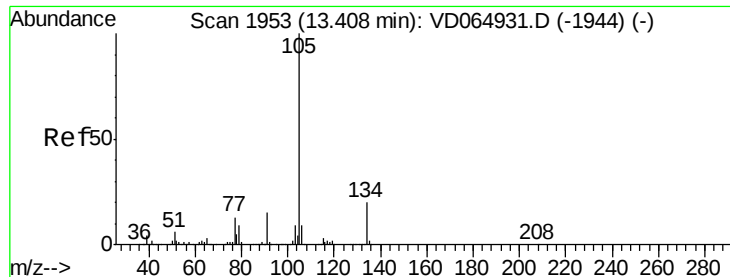
Tot Ion:119 Resp: 733528
Ion Ratio Lower Upper
119 100
91 61.3 32.0 96.0
134 26.2 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 51.209 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion:105 Resp: 853687
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 49.705 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

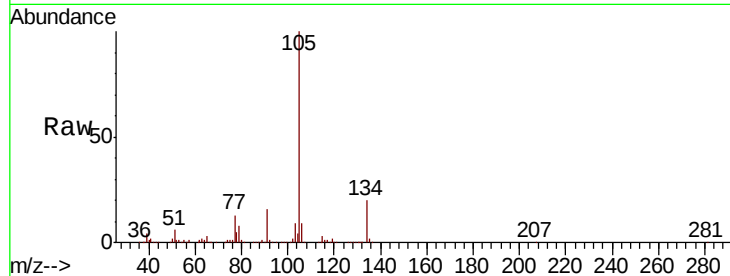
ClientSampleId :

Tot Ion:105 Resp: 982847

Ion Ratio Lower Upper

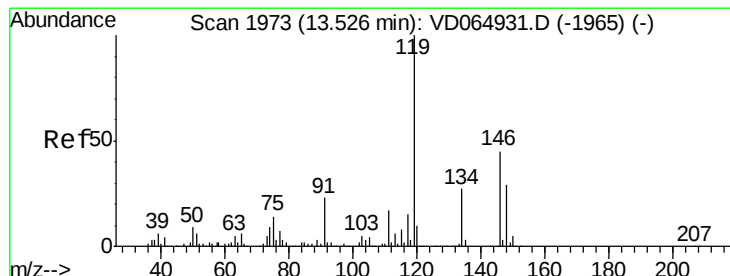
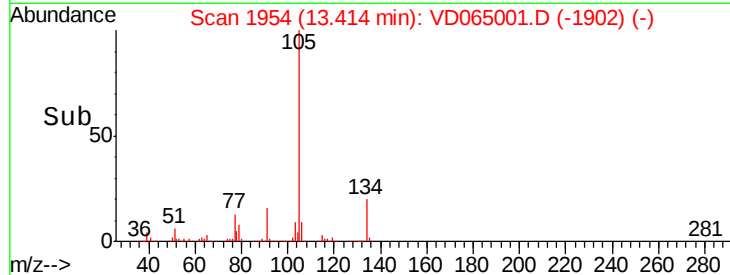
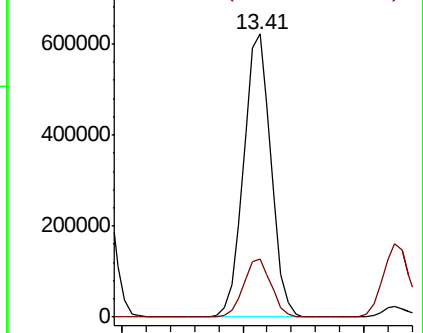
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.064 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

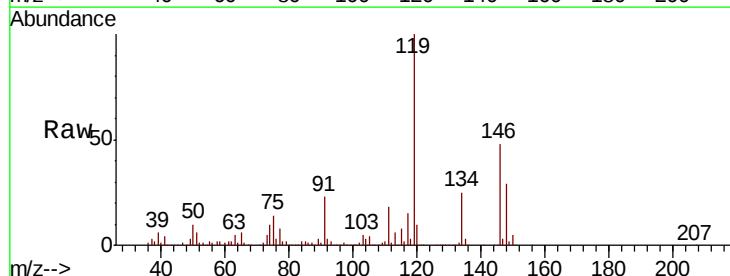
Tgt Ion:119 Resp: 944849

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

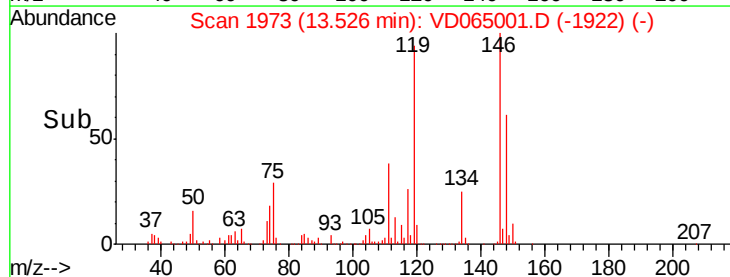
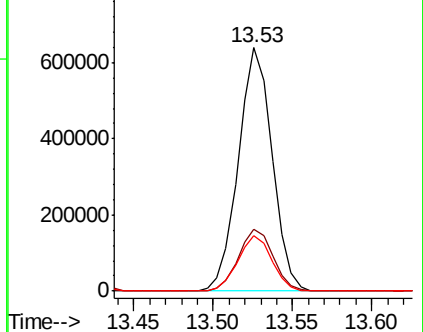
91 22.8 11.4 34.2

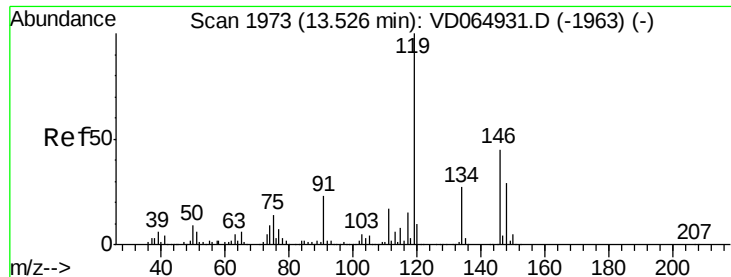


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.733 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

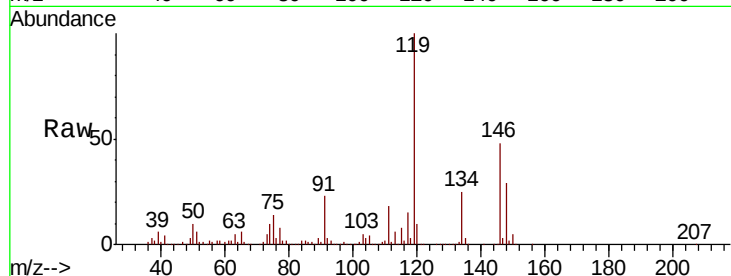
Tot Ion:146 Resp: 478267

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

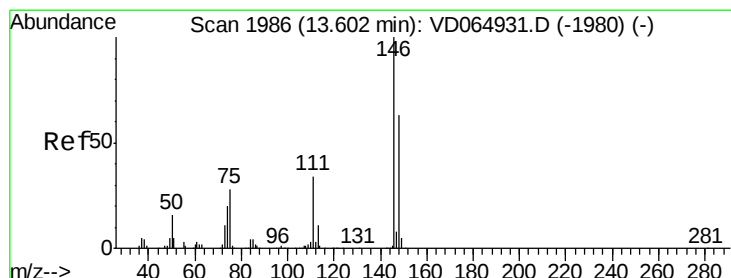
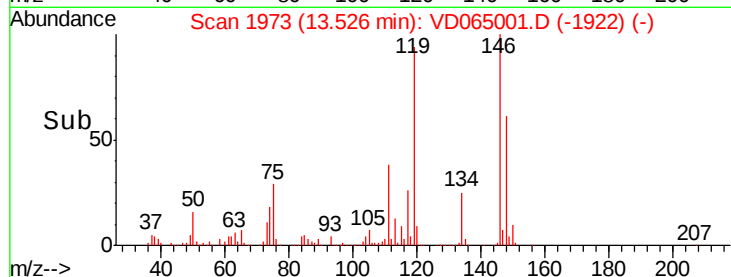
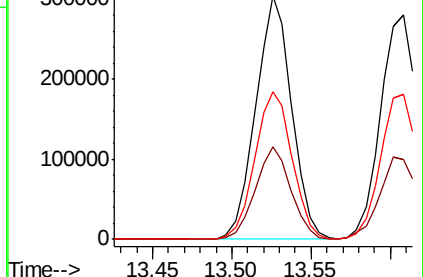
148 62.8 32.6 97.7



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



#88

1,4-Dichlorobenzene

Concen: 49.273 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD065001.D

Acq: 29 Jan 2020 17:53

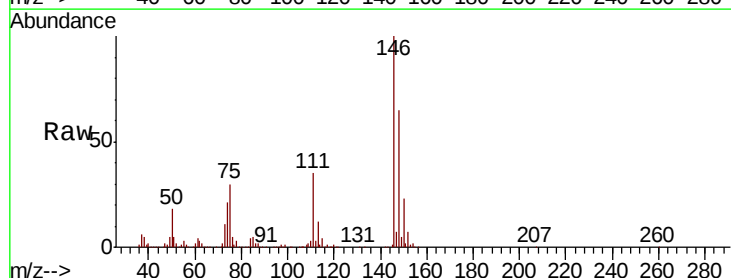
Tgt Ion:146 Resp: 461026

Ion Ratio Lower Upper

146 100

111 37.2 18.2 54.6

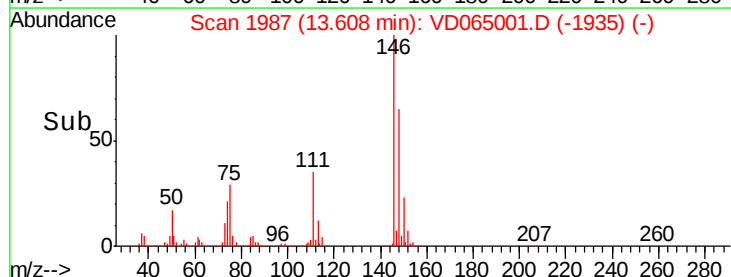
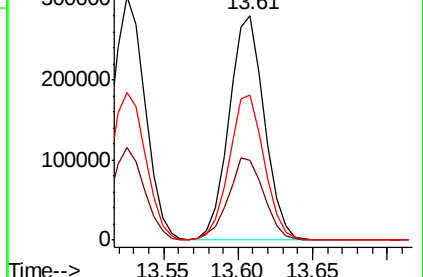
148 64.5 32.0 96.0

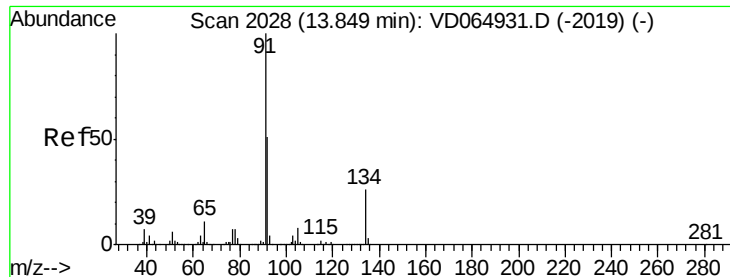


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

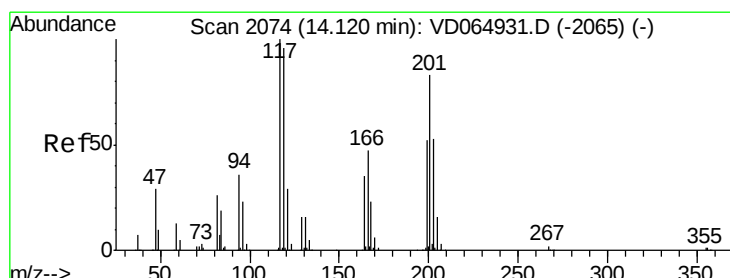
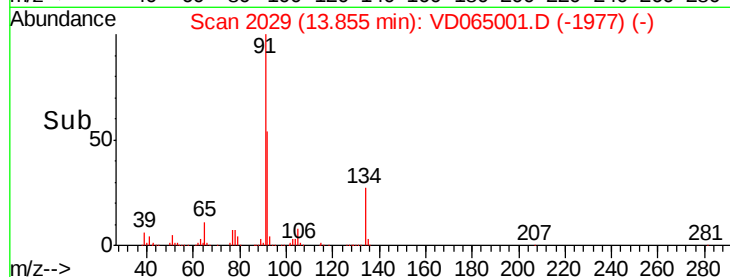
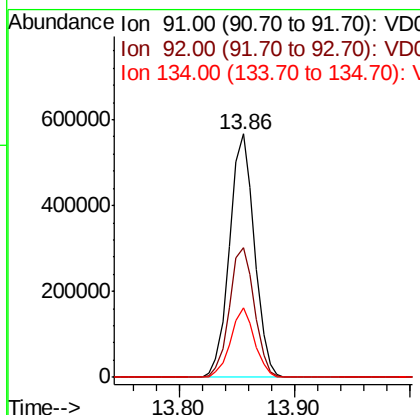
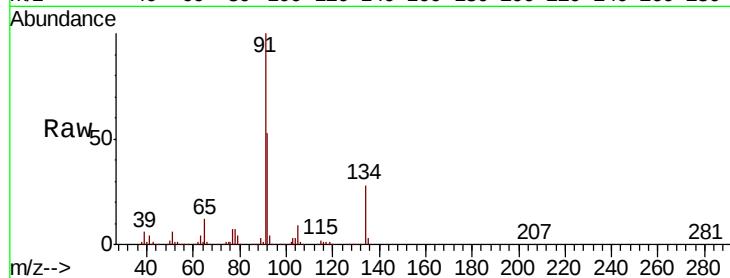




#89
n-Butylbenzene
Concen: 49.908 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

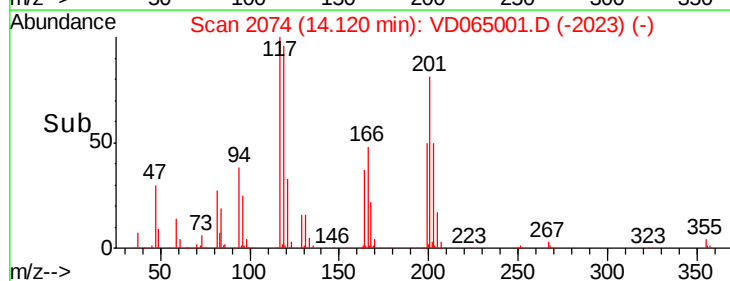
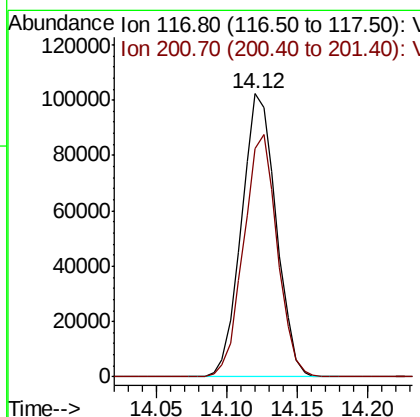
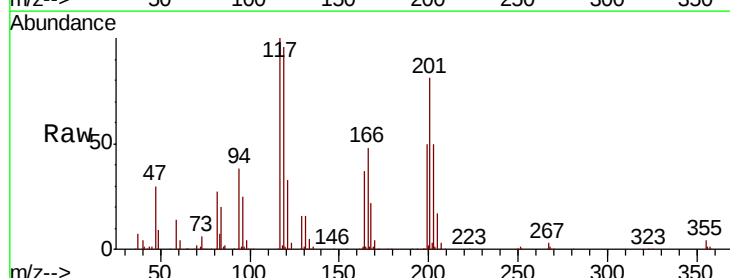
Instrument :
MSVOA_D
ClientSampleId :

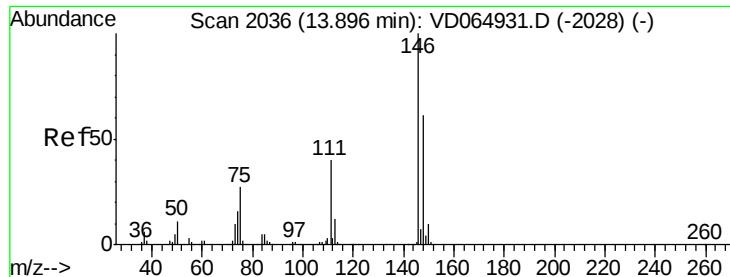
Tot Ion: 91 Resp: 842758
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 27.3 13.3 39.9



#90
Hexachloroethane
Concen: 49.385 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion: 117 Resp: 176215
Ion Ratio Lower Upper
117 100
201 83.2 41.1 123.3

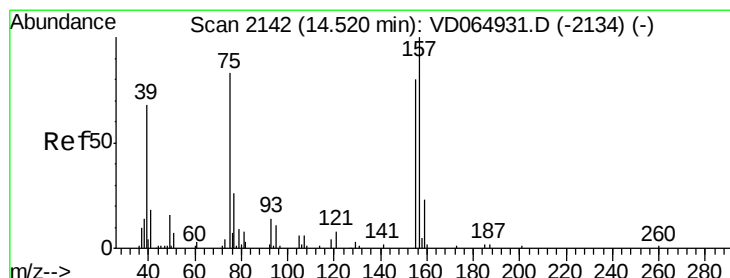
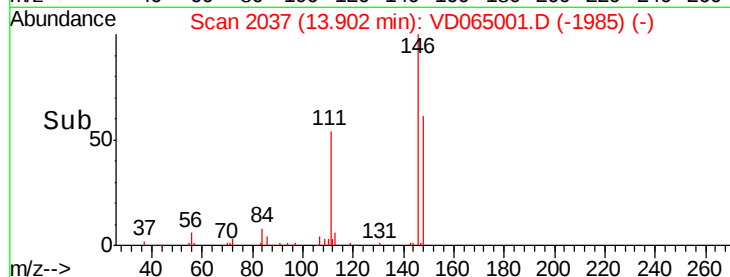
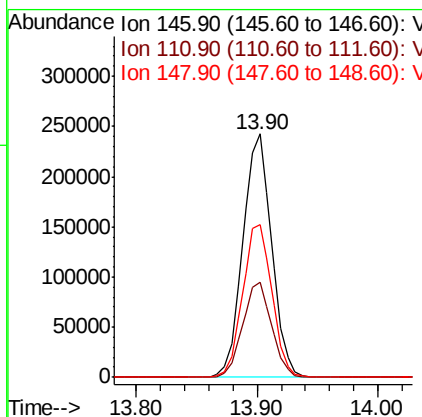
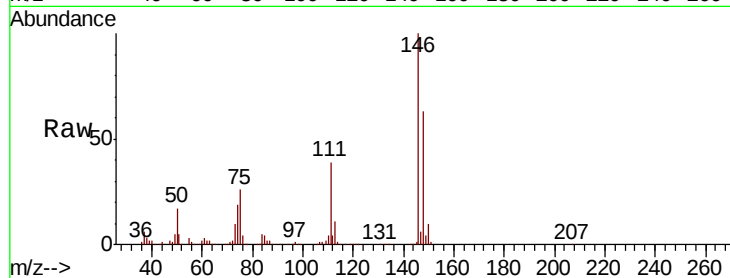




#91
 1,2-Dichlorobenzene
 Concen: 50.368 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

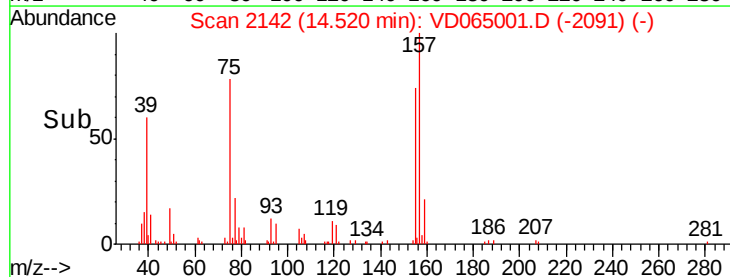
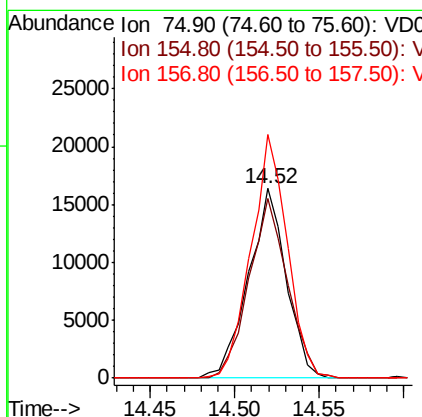
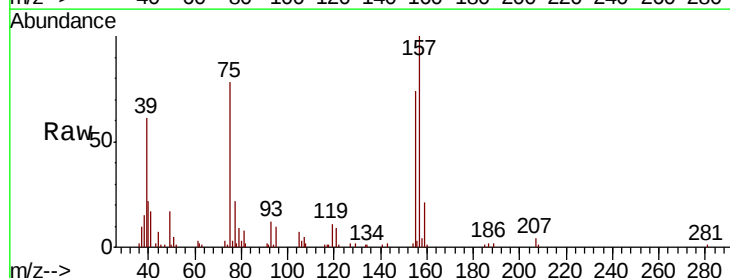
Instrument :
 MSVOA_D
 ClientSampleId :

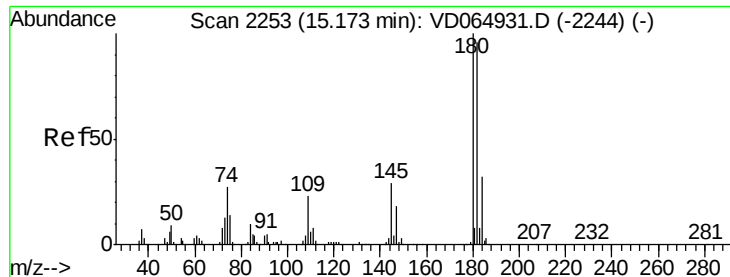
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	63.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.129 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	44.9	134.7
157	123.4	58.9	176.6

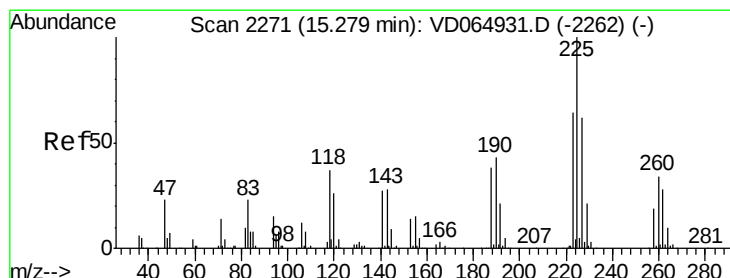
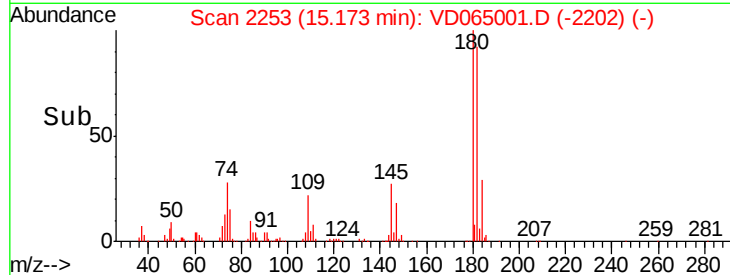
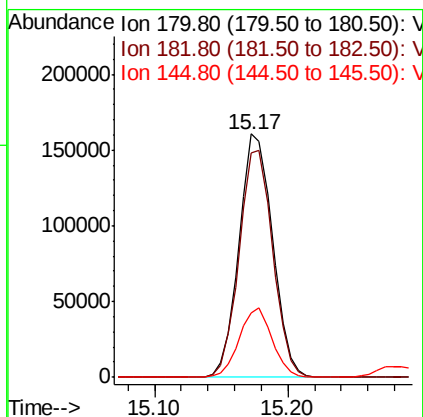
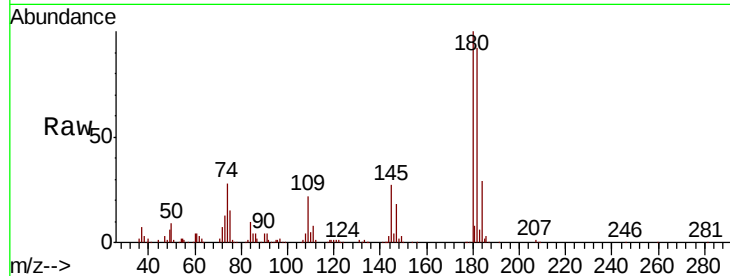




#93
 1,2,4-Trichlorobenzene
 Concen: 50.502 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

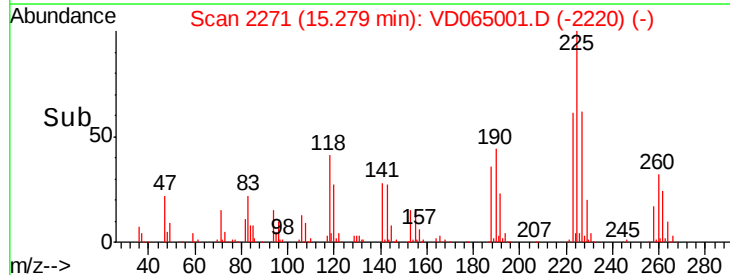
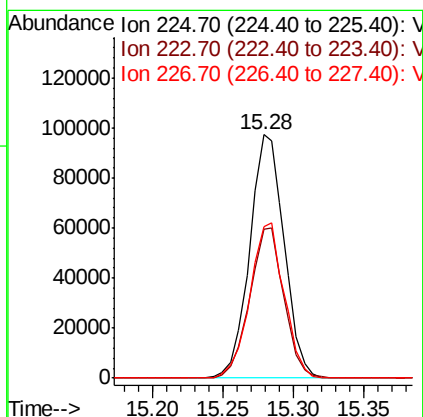
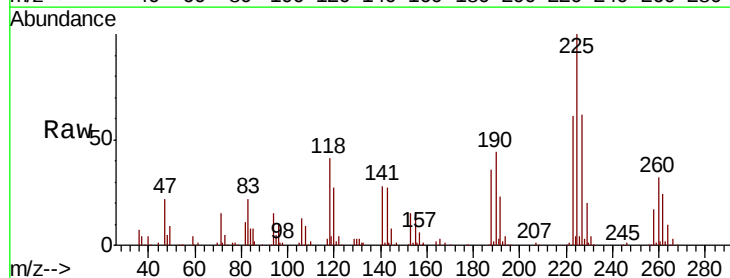
Instrument :
 MSVOA_D
 ClientSampleId :

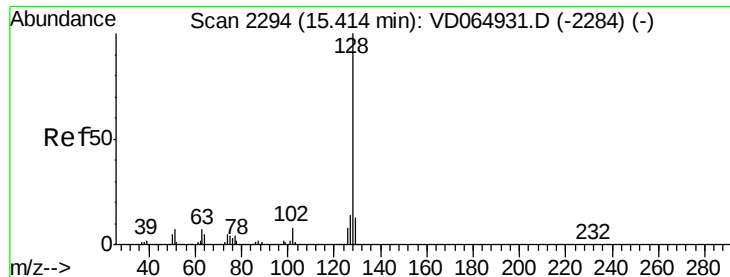
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.1	141.4
145	27.9	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 47.541 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065001.D
 Acq: 29 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.4	97.2
227	63.4	31.9	95.9

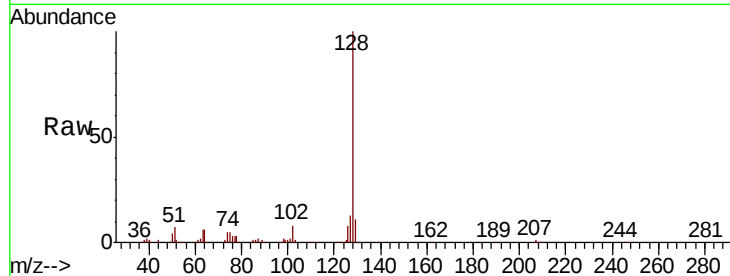




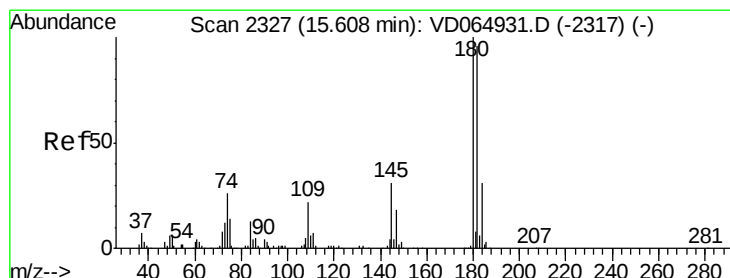
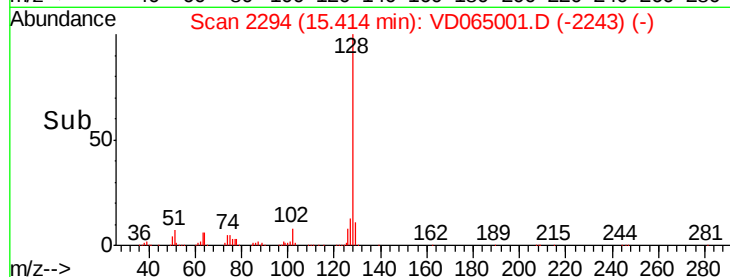
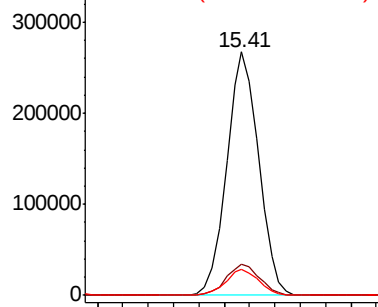
#95
Naphthalene
Concen: 52.430 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 468507
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 9.3 13.9

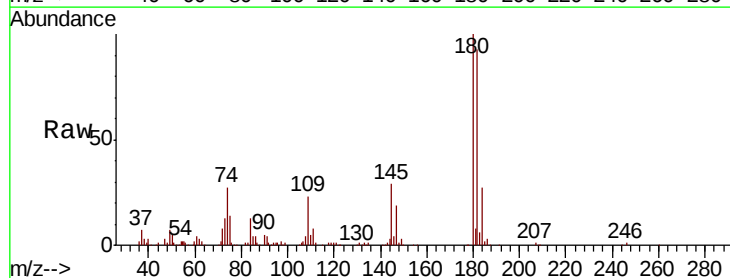


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.750 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065001.D
Acq: 29 Jan 2020 17:53

Tgt Ion:180 Resp: 243636
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.8
145 30.0 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

