

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065674.D
 Acq On : 24 Apr 2020 13:30
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 24 14:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	175424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	236049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	219686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	81754	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
35) Dibromofluoromethane	7.92	113	75987	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	10.34	98	280851	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.64	95	91972	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	92294	58.645	ug/l	100
3) Chloromethane	2.21	50	101371	51.445	ug/l	100
4) Vinyl Chloride	2.35	62	116766	53.641	ug/l	100
5) Bromomethane	2.77	94	65145	48.832	ug/l	100
6) Chloroethane	2.93	64	69620	52.711	ug/l	100
7) Trichlorofluoromethane	3.27	101	156649	51.291	ug/l	100
8) Diethyl Ether	3.71	74	45042	50.721	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	91575	50.457	ug/l	100
10) Methyl Iodide	4.28	142	78136	65.019	ug/l	100
11) Tert butyl alcohol	5.26	59	18909	239.098	ug/l	100
12) 1,1-Dichloroethene	4.06	96	89604	49.576	ug/l	100
13) Acrolein	3.92	56	33858	262.175	ug/l	100
14) Allyl chloride	4.71	41	122657	51.757	ug/l	100
15) Acrylonitrile	5.43	53	80457	246.834	ug/l	100
16) Acetone	4.17	43	85123	201.907	ug/l	100
17) Carbon Disulfide	4.40	76	248014	52.129	ug/l	100
18) Methyl Acetate	4.73	43	43385	47.704	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	160260	55.216	ug/l	100
20) Methylene Chloride	4.96	84	80970	44.106	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	85592	50.880	ug/l	100
22) Diisopropyl ether	6.37	45	251701	52.513	ug/l	100
23) Vinyl Acetate	6.31	43	709517	278.366	ug/l	100
24) 1,1-Dichloroethane	6.26	63	149954	46.944	ug/l	100
25) 2-Butanone	7.23	43	106588	239.745	ug/l	100
26) 2,2-Dichloropropane	7.21	77	137894	46.363	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	87879	49.004	ug/l	100
28) Bromochloromethane	7.55	49	58327	44.486	ug/l	100
29) Tetrahydrofuran	7.57	42	68738	260.195	ug/l	100
30) Chloroform	7.71	83	155436	45.574	ug/l	100
31) Cyclohexane	7.98	56	137128	45.489	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	145092	46.778	ug/l	100
36) 1,1-Dichloropropene	8.11	75	124470	49.984	ug/l	100
37) Ethyl Acetate	7.30	43	49009	50.673	ug/l	100
38) Carbon Tetrachloride	8.10	117	137375	48.013	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	139128	54.335	ug/l	100
40) Benzene	8.36	78	331922	48.542	ug/l	100
41) Methacrylonitrile	7.53	41	25798	51.222	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	106215	49.514	ug/l	100
43) Isopropyl Acetate	8.46	43	91075	51.663	ug/l	100
44) Trichloroethene	9.11	130	91254	47.200	ug/l	100
45) 1,2-Dichloropropane	9.39	63	84258	48.363	ug/l	100
46) Dibromomethane	9.48	93	44308	49.063	ug/l	100
47) Bromodichloromethane	9.67	83	120270	48.472	ug/l	100
48) Methyl methacrylate	9.46	41	45129	52.705	ug/l	100
49) 1,4-Dioxane	9.47	88	10113	1075.213	ug/l	100
51) 4-Methyl-2-Pentanone	10.24	43	242458	268.245	ug/l	100
52) Toluene	10.41	92	212676	51.226	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	108543	51.855	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	129361	51.020	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	58951	46.580	ug/l	100
56) Ethyl methacrylate	10.67	69	67982	57.584	ug/l	100
57) 1,3-Dichloropropane	10.95	76	102393	48.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	172551	272.898	ug/l	100
59) 2-Hexanone	10.99	43	165754	270.392	ug/l	100
60) Dibromochloromethane	11.14	129	79349	46.958	ug/l	100
61) 1,2-Dibromoethane	11.25	107	56286	48.371	ug/l	100
64) Tetrachloroethene	10.88	164	79782	47.233	ug/l	100
65) Chlorobenzene	11.68	112	224540	47.999	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	85725	47.431	ug/l	100
67) Ethyl Benzene	11.75	91	406657	53.870	ug/l	100
68) m/p-Xylenes	11.86	106	317532	107.964	ug/l	100
69) o-Xylene	12.19	106	133514	54.171	ug/l	100
70) Styrene	12.20	104	251884	56.427	ug/l	100
71) Bromoform	12.37	173	48100	47.590	ug/l #	100
73) Isopropylbenzene	12.48	105	377552	54.357	ug/l	100
74) N-amyl acetate	12.30	43	84634	54.065	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	63548	45.472	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	88128	83.644	ug/l #	100
77) Bromobenzene	12.77	156	95244	49.512	ug/l	100
78) n-propylbenzene	12.83	91	463221	53.122	ug/l	100
79) 2-Chlorotoluene	12.91	91	258465	51.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	328353	55.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	21849	51.758	ug/l	100
82) 4-Chlorotoluene	13.01	91	281097	51.126	ug/l	100
83) tert-Butylbenzene	13.23	119	263020	54.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	327747	55.544	ug/l	100
85) sec-Butylbenzene	13.41	105	382737	54.274	ug/l	100
86) p-Isopropyltoluene	13.53	119	362719	54.916	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	184628	48.538	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	182031	47.244	ug/l	100
89) n-Butylbenzene	13.85	91	332348	54.343	ug/l	100
90) Hexachloroethane	14.12	117	73221	47.029	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	157892	47.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10507	48.171	ug/l	100

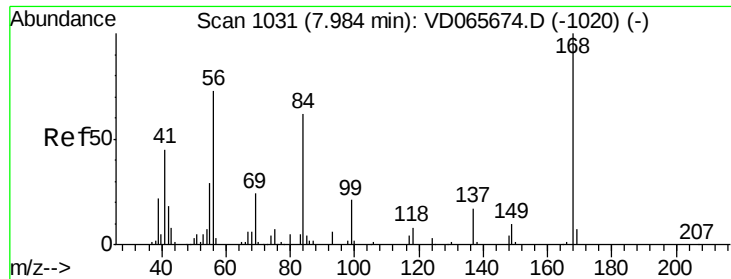
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	106527	51.592	ug/l	100
94) Hexachlorobutadiene	15.28	225	77201	48.296	ug/l	100
95) Naphthalene	15.42	128	159272	55.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	94158	50.790	ug/l	100

(#) = 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: VD065674.D

Acq: 24 Apr 2020 13:30

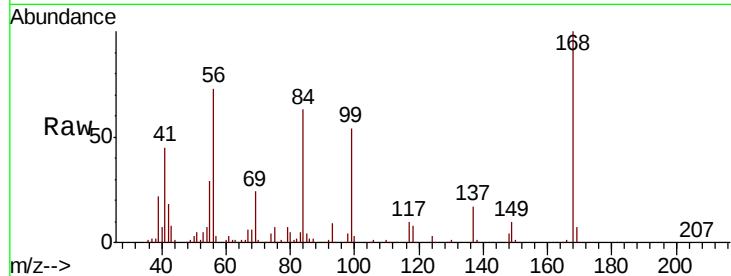
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 175424

Ion Ratio Lower Upper

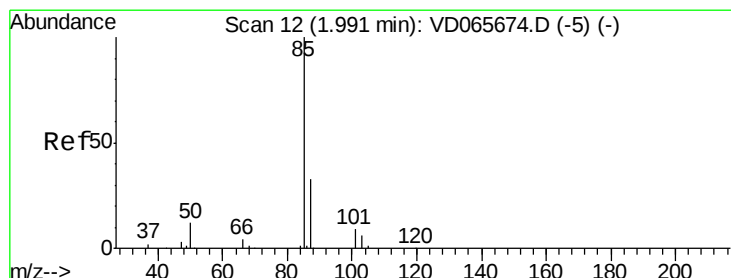
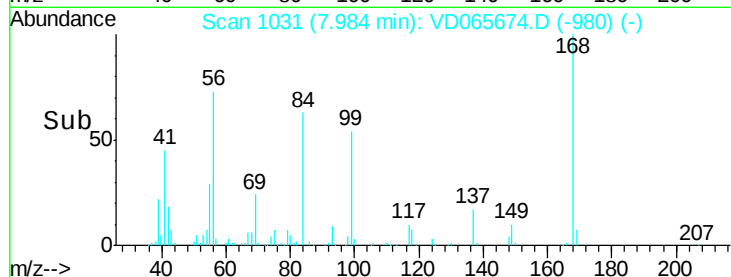
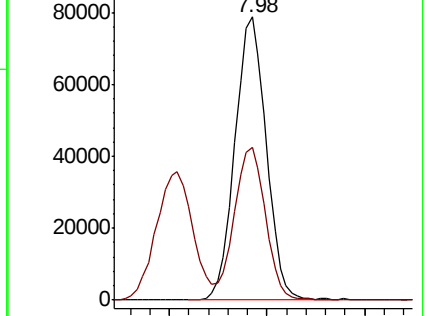
168 100

99 54.1 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: 58.645 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065674.D

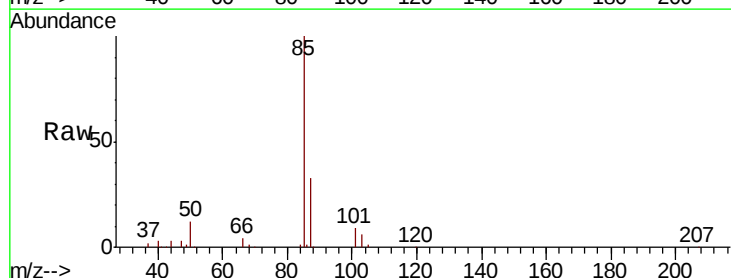
Acq: 24 Apr 2020 13:30

Tgt Ion: 85 Resp: 92294

Ion Ratio Lower Upper

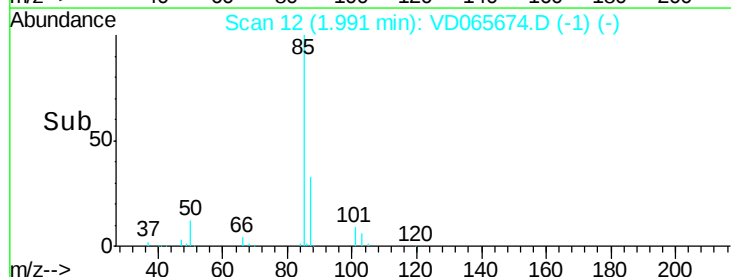
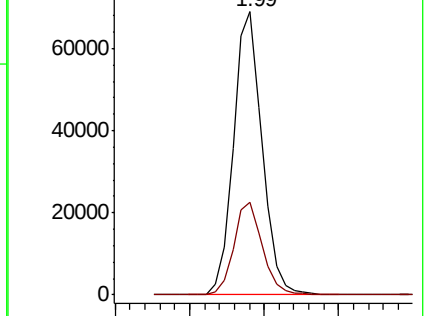
85 100

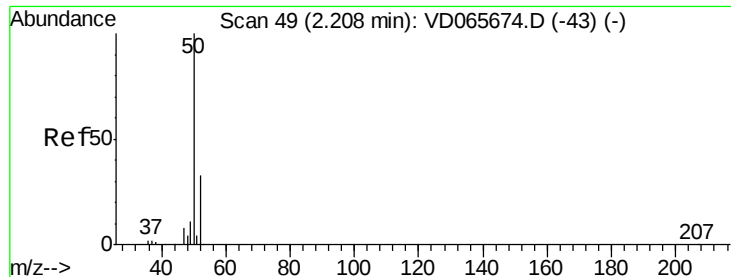
87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 51.445 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

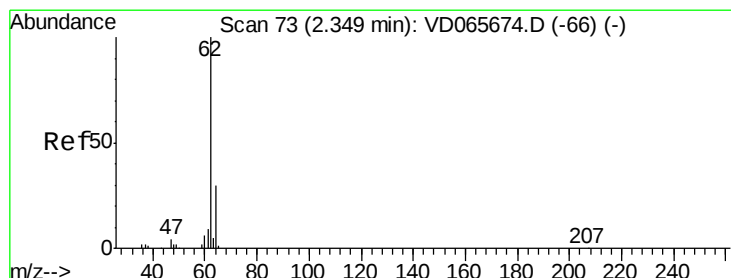
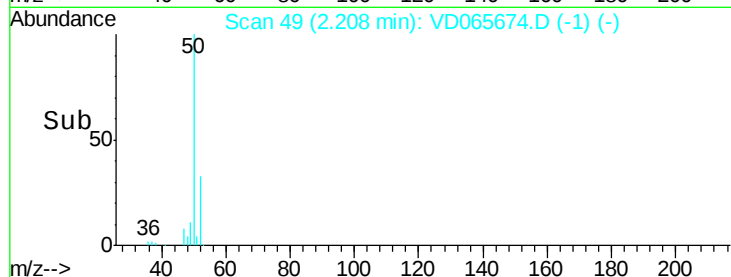
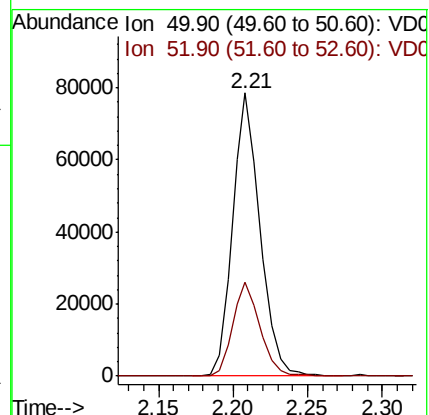
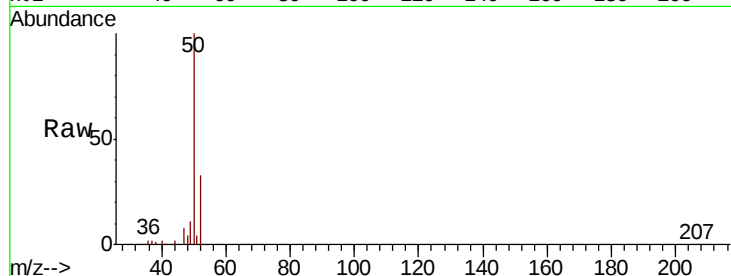
ClientSampleId :

Tot Ion: 50 Resp: 101371

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 53.641 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065674.D

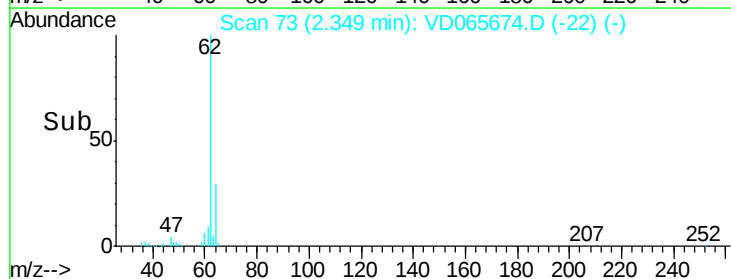
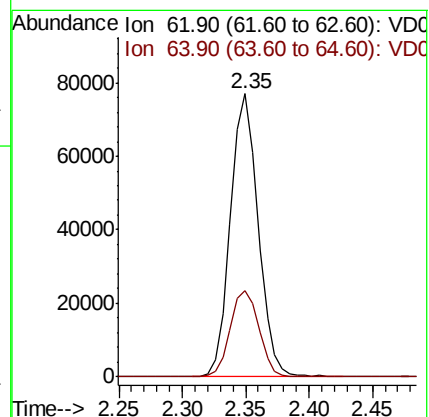
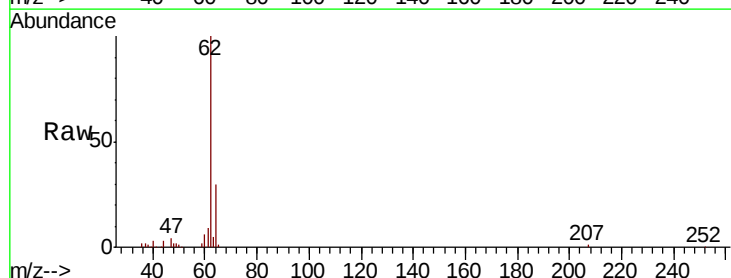
Acq: 24 Apr 2020 13:30

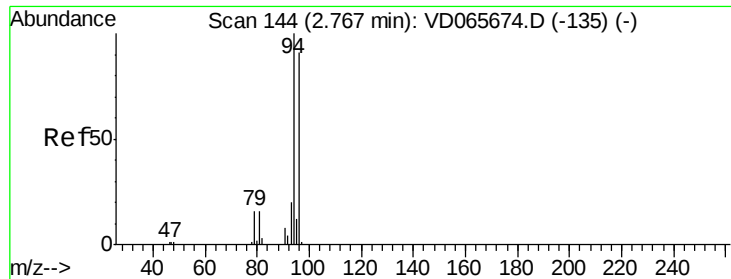
Tgt Ion: 62 Resp: 116766

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5





#5

Bromomethane

Concen: 48.832 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

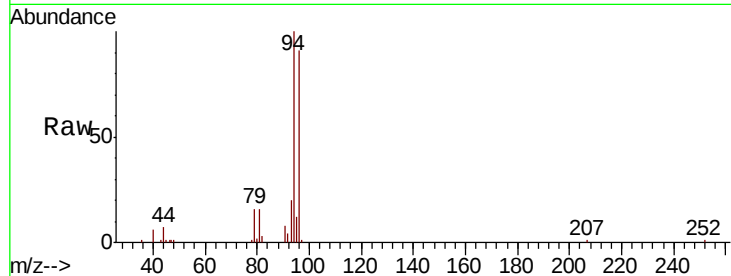
ClientSampleId :

Tot Ion: 94 Resp: 65145

Ion Ratio Lower Upper

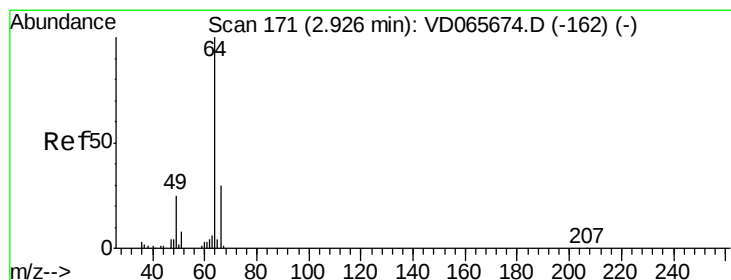
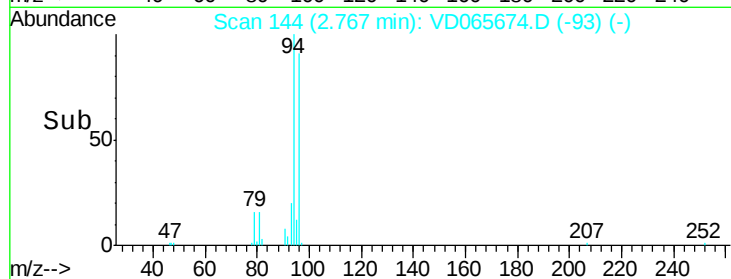
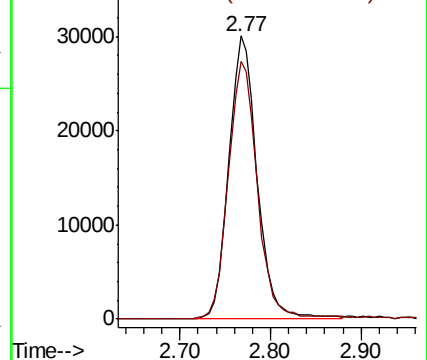
94 100

96 91.2 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.711 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065674.D

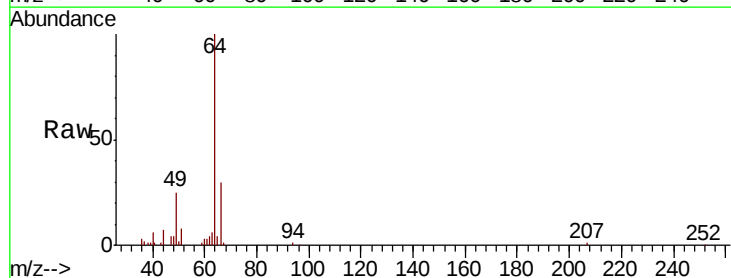
Acq: 24 Apr 2020 13:30

Tgt Ion: 64 Resp: 69620

Ion Ratio Lower Upper

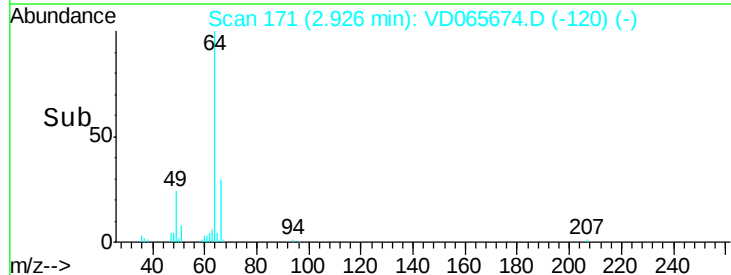
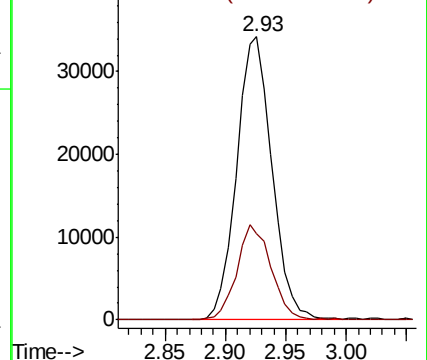
64 100

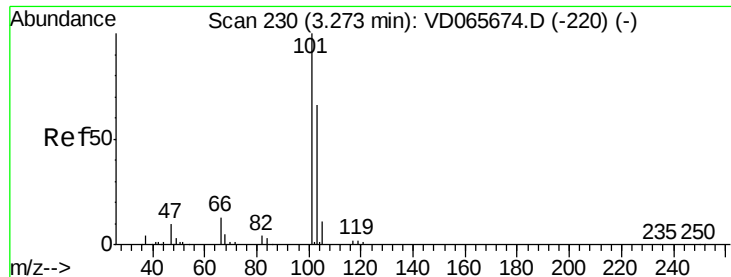
66 30.4 24.3 36.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



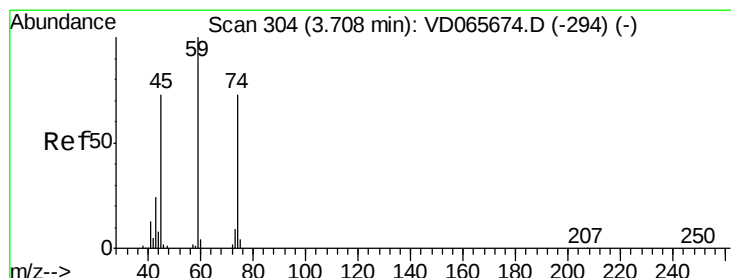
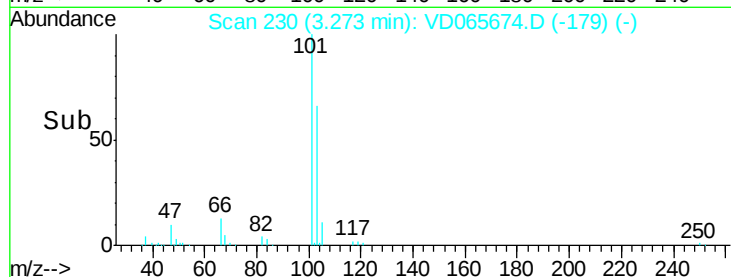
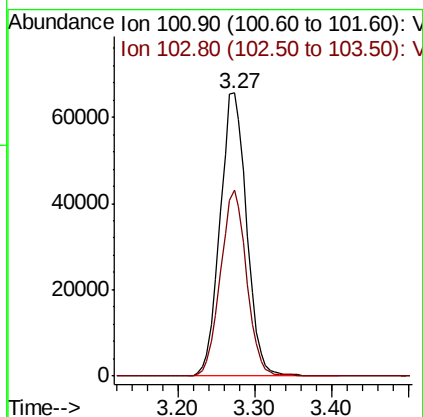
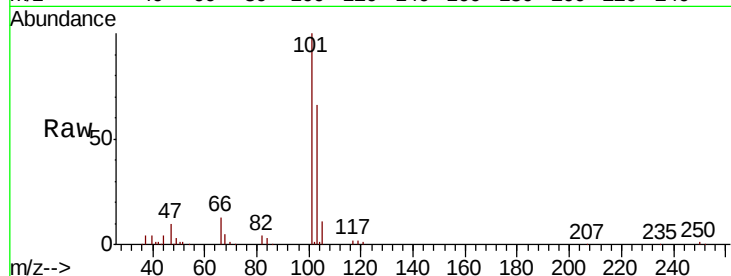


#7

Trichlorofluoromethane
 Concen: 51.291 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleId :

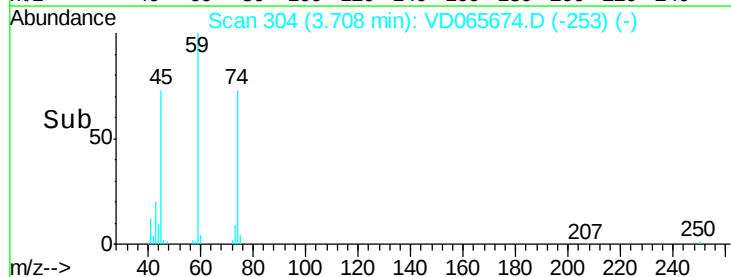
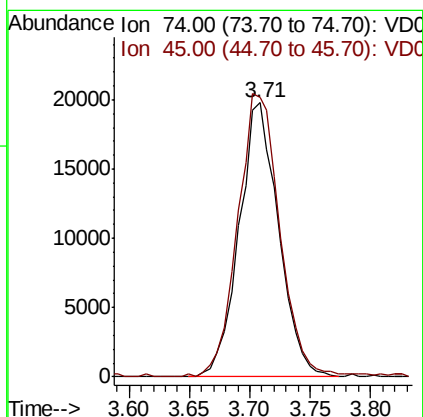
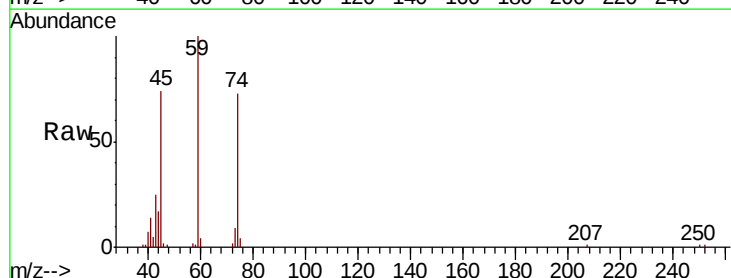
Tot Ion:101 Resp: 156649
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

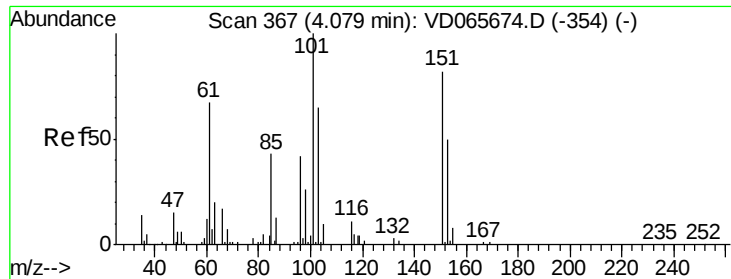


#8

Diethyl Ether
 Concen: 50.721 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 74 Resp: 45042
 Ion Ratio Lower Upper
 74 100
 45 110.1 55.0 165.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.457 ug/l

RT: 4.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampled :

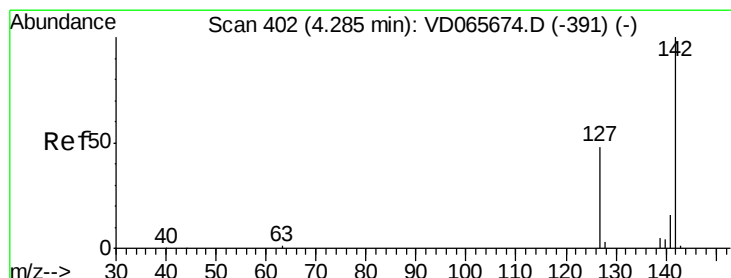
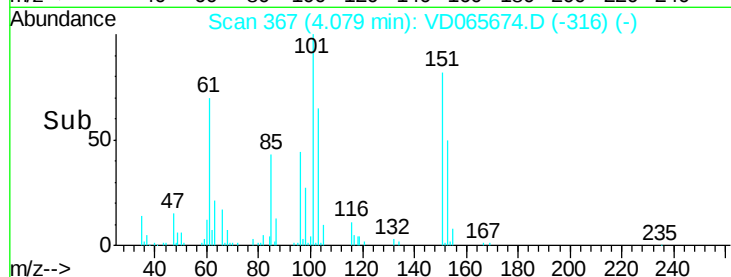
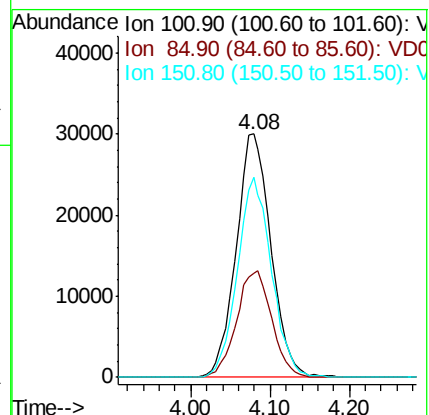
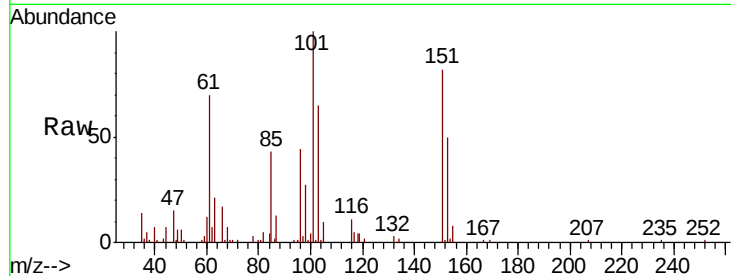
Tot Ion:101 Resp: 91575

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

151 80.1 64.1 96.1



#10

Methyl Iodide

Concen: 65.019 ug/l

RT: 4.28 min Scan# 402

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

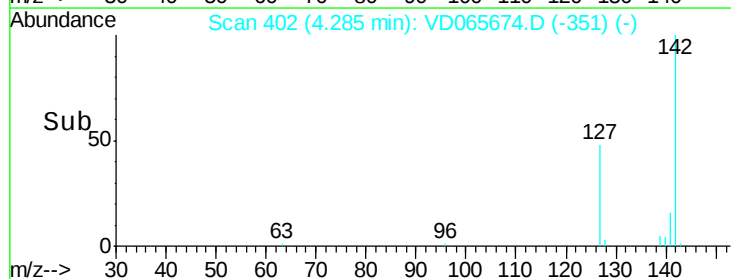
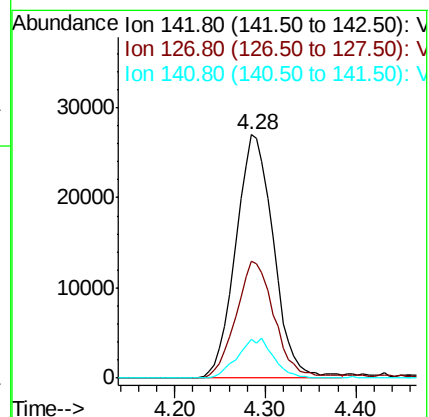
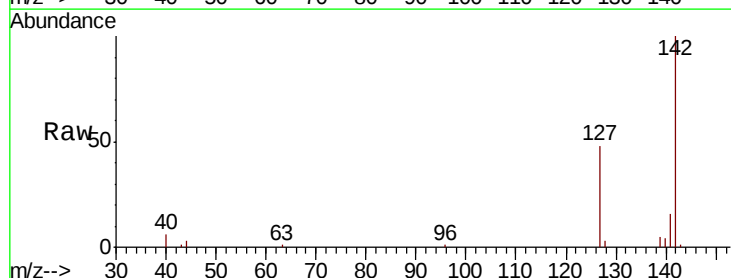
Tgt Ion:142 Resp: 78136

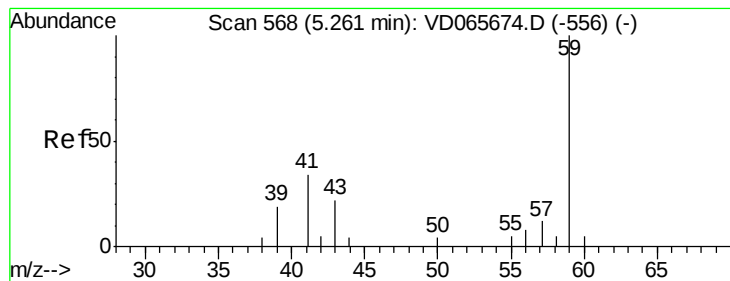
Ion Ratio Lower Upper

142 100

127 48.7 39.0 58.4

141 15.5 12.4 18.6



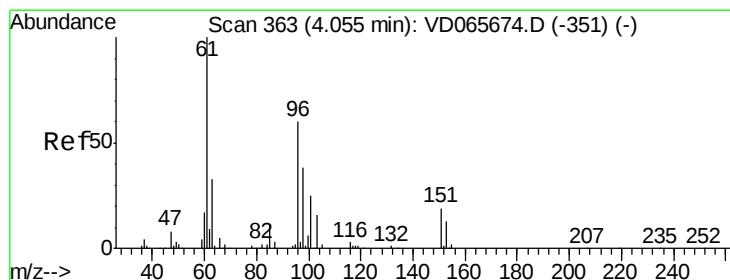
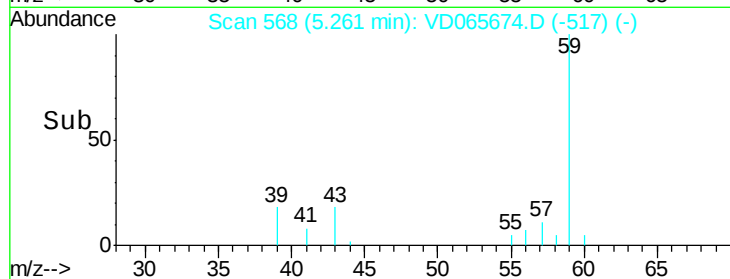
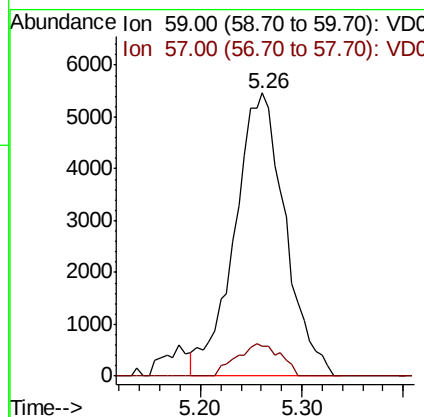
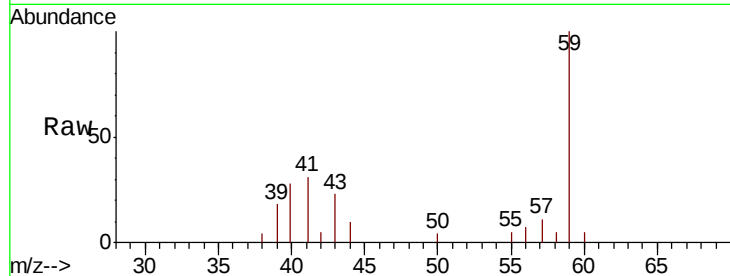


#11

Tert butyl alcohol
 Concen: 239.098 ug/l
 RT: 5.26 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleId :

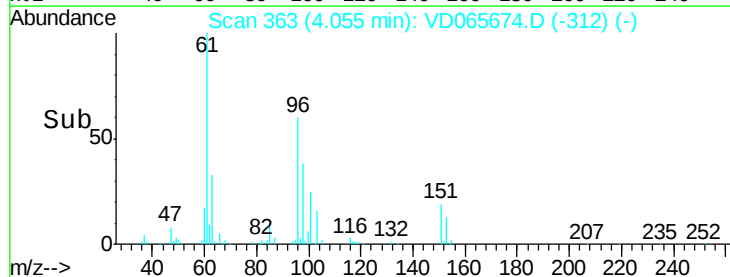
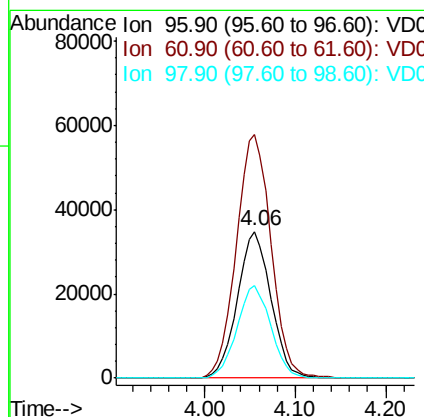
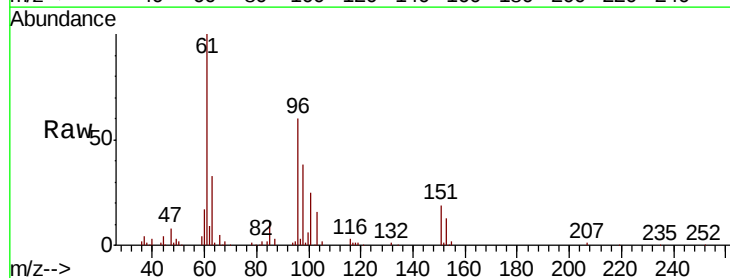
Tot Ion: 59 Resp: 18909
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

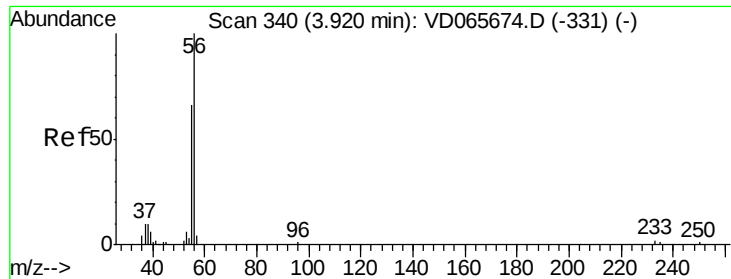


#12

1,1-Dichloroethene
 Concen: 49.576 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 96 Resp: 89604
 Ion Ratio Lower Upper
 96 100
 61 166.0 132.8 199.2
 98 63.4 50.7 76.1





#13

Acrolein

Concen: 262.175 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

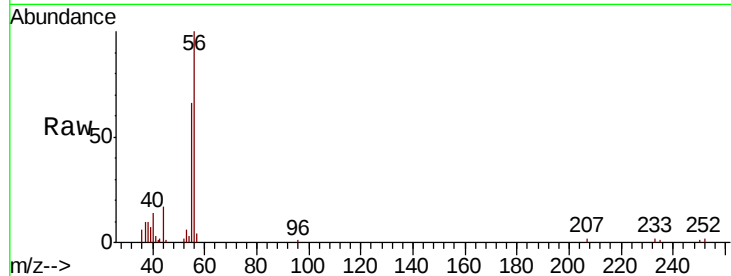
ClientSampleId :

Tot Ion: 56 Resp: 33858

Ion Ratio Lower Upper

56 100

55 73.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

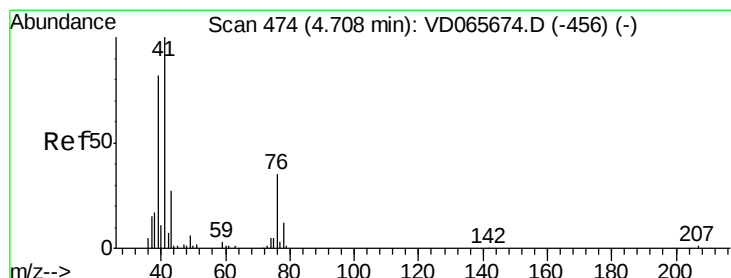
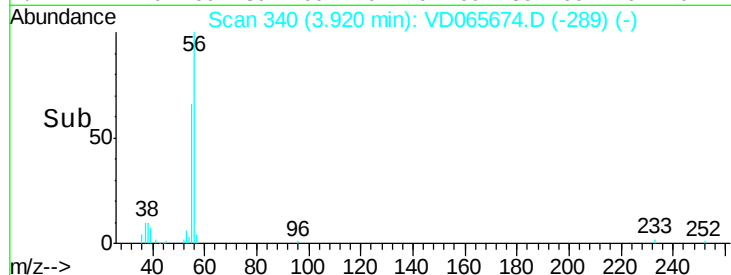
10000

5000

0

Time--> 3.80 3.90 4.00

3.92



#14

Allyl chloride

Concen: 51.757 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

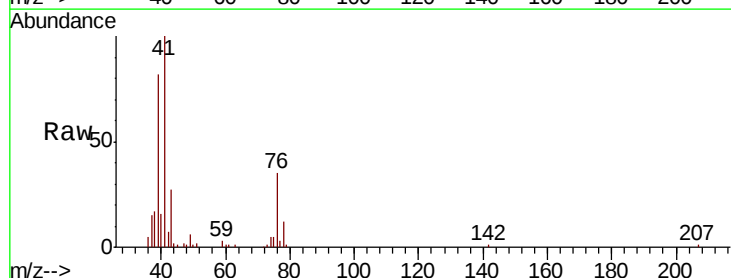
Tgt Ion: 41 Resp: 122657

Ion Ratio Lower Upper

41 100

39 79.1 63.3 94.9

76 34.8 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

50000

40000

30000

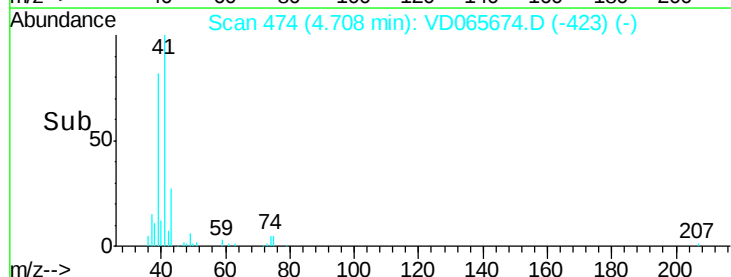
20000

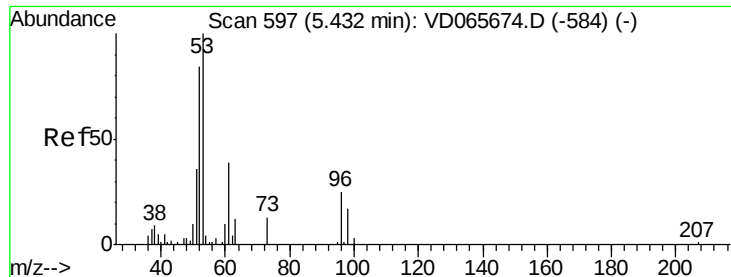
10000

0

Time--> 4.60 4.70 4.80

4.71





#15

Acrylonitrile

Concen: 246.834 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

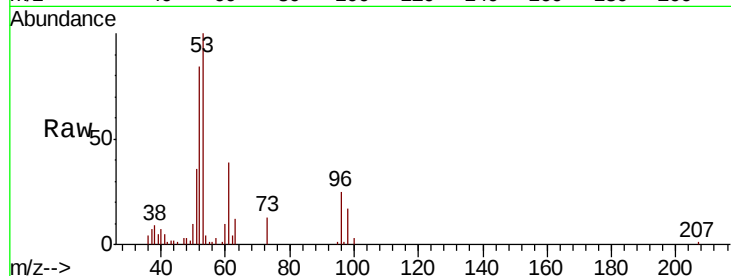
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 53 Resp: 80457

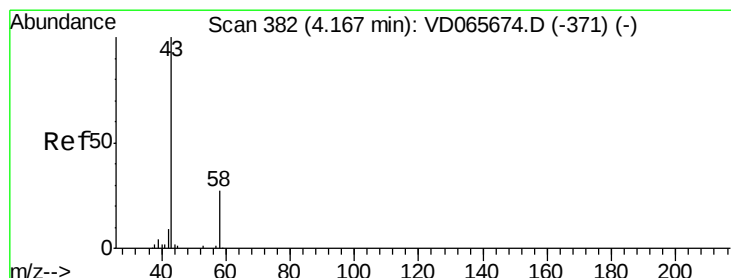
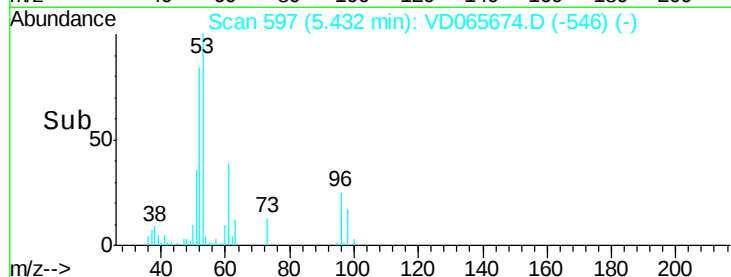
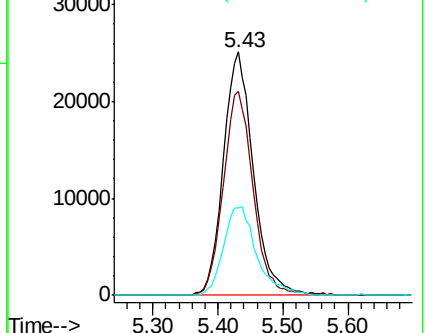
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	40.0	32.0	48.0



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: 201.907 ug/l

RT: 4.17 min Scan# 382

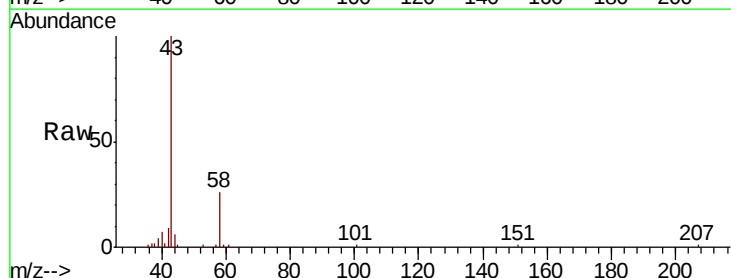
Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

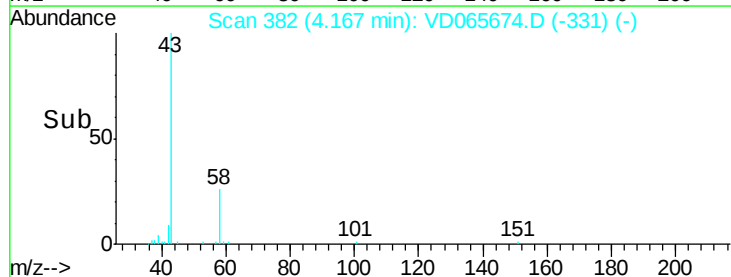
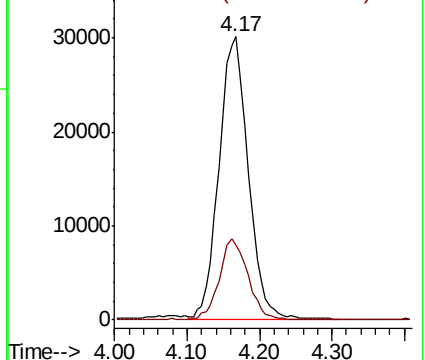
Tgt Ion: 43 Resp: 85123

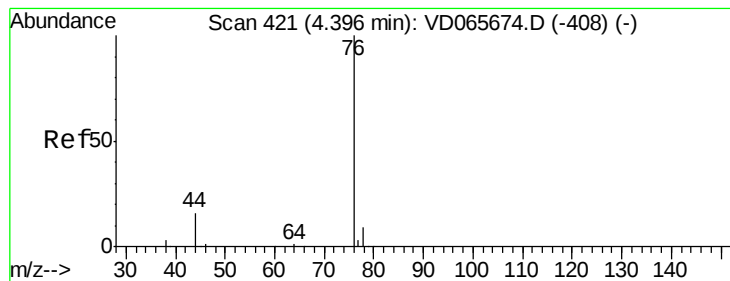
Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.0	31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 52.129 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

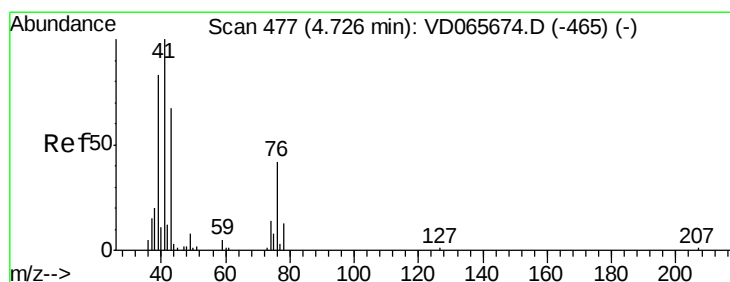
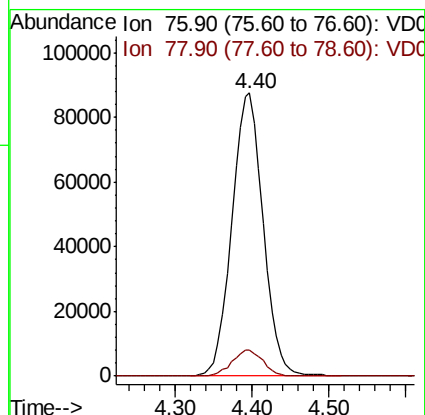
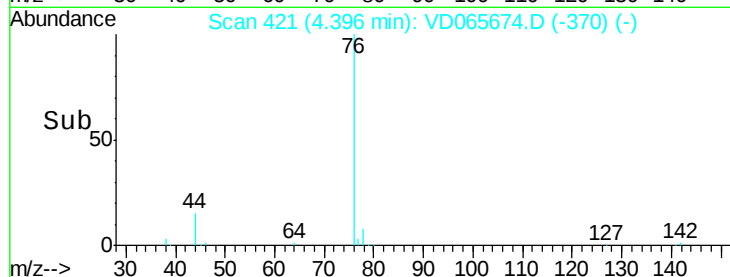
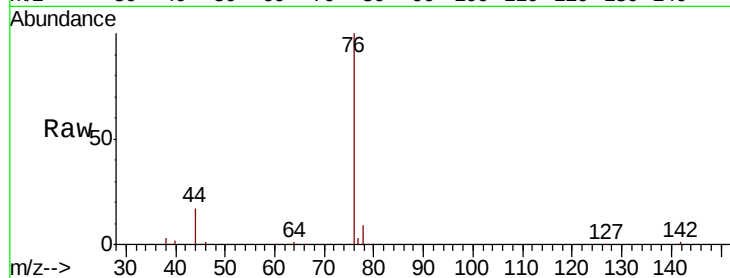
ClientSampleId :

Tot Ion: 76 Resp: 248014

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 47.704 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065674.D

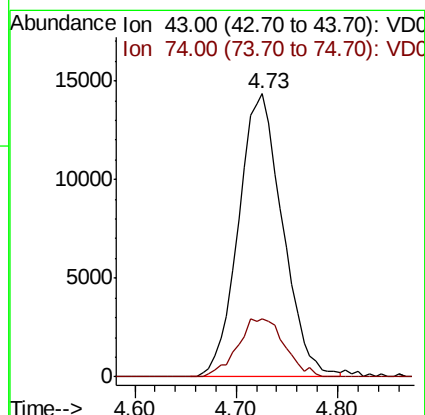
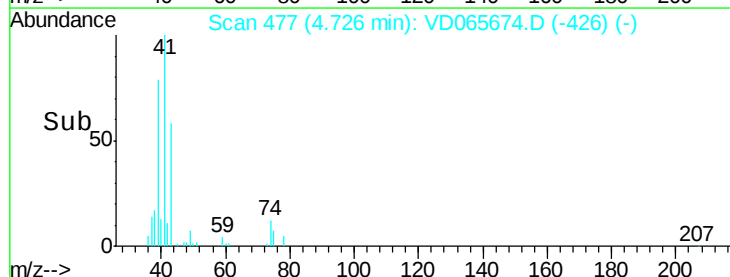
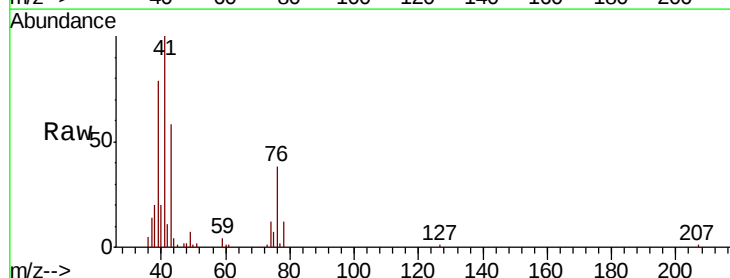
Acq: 24 Apr 2020 13:30

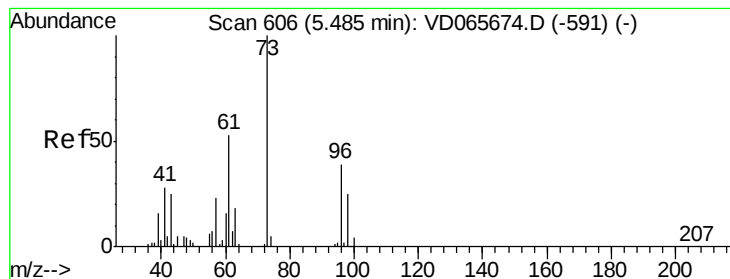
Tgt Ion: 43 Resp: 43385

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3



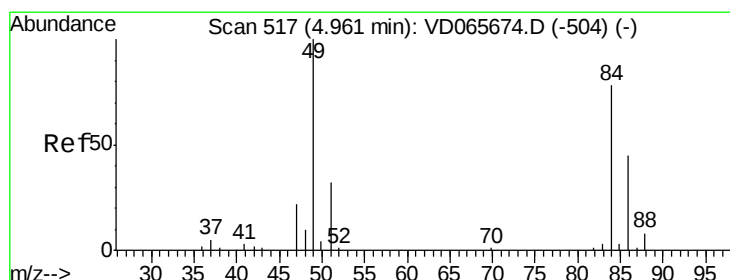
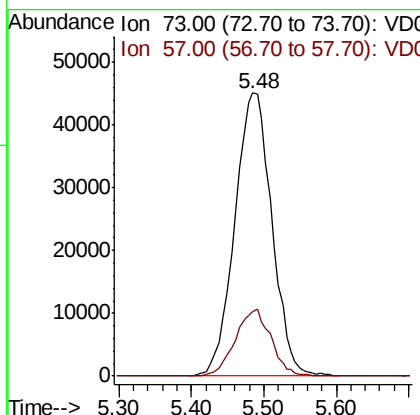
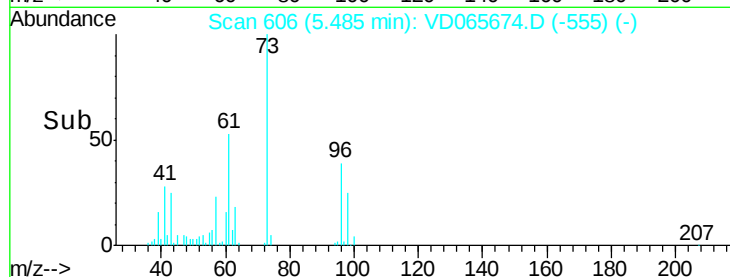
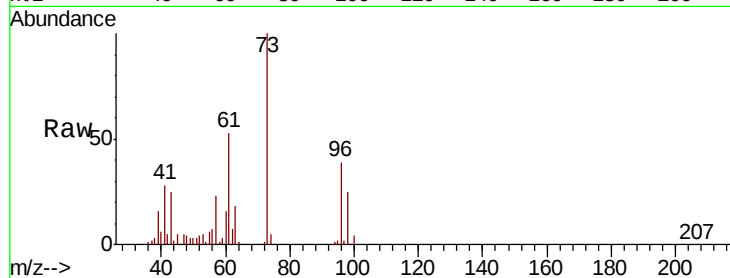


#19

Methyl tert-butyl Ether
 Concen: 55.216 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleID :

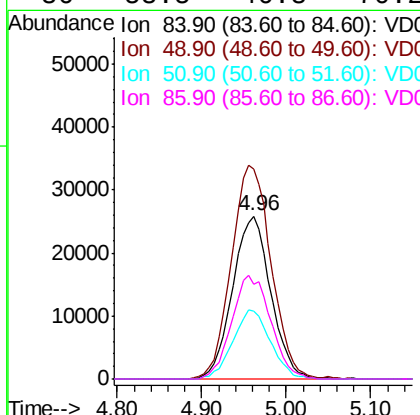
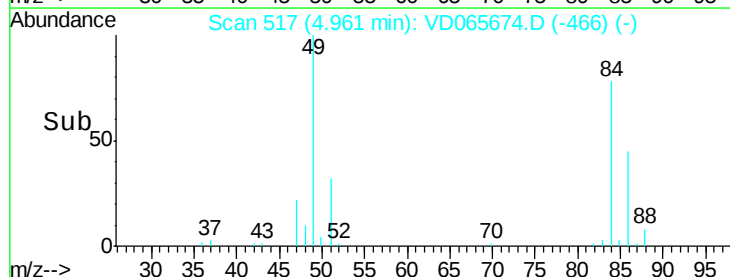
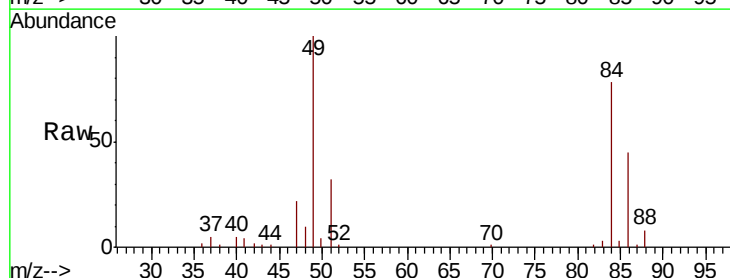
Tot Ion: 73 Resp: 160260
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

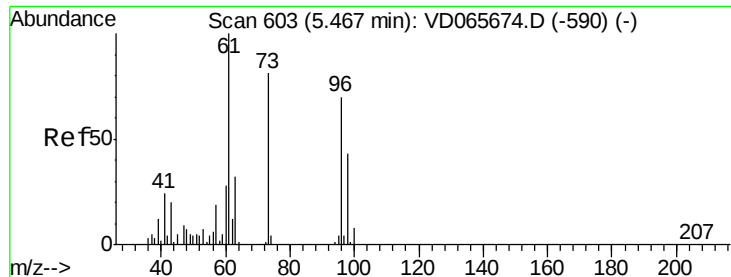


#20

Methylene Chloride
 Concen: 44.106 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 84 Resp: 80970
 Ion Ratio Lower Upper
 84 100
 49 128.9 103.1 154.7
 51 41.6 33.3 49.9
 86 58.5 46.8 70.2





#21

trans-1,2-Dichloroethene

Concen: 50.880 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

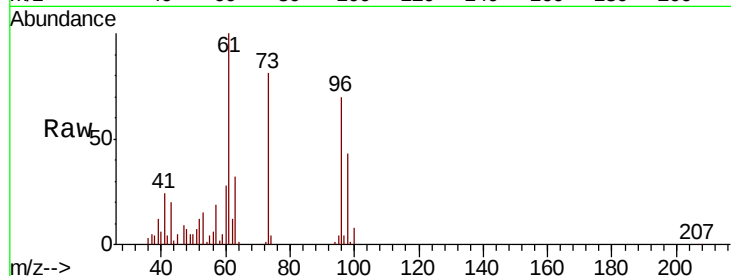
Tot Ion: 96 Resp: 85592

Ion Ratio Lower Upper

96 100

61 143.5 114.8 172.2

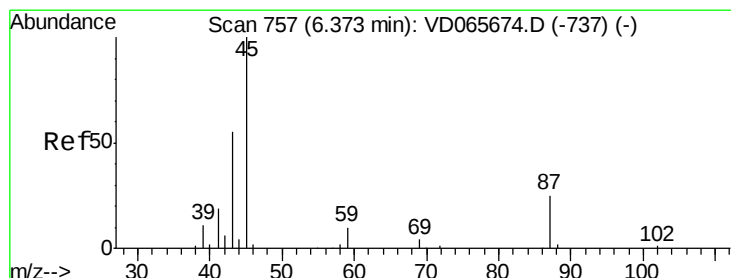
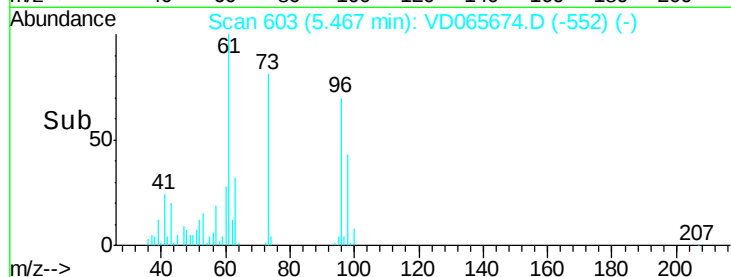
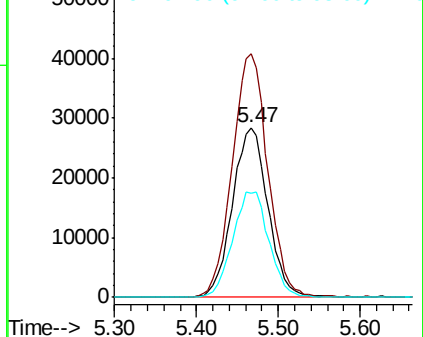
98 61.7 49.4 74.0



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



#22

Diisopropyl ether

Concen: 52.513 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Tgt Ion: 45 Resp: 251701

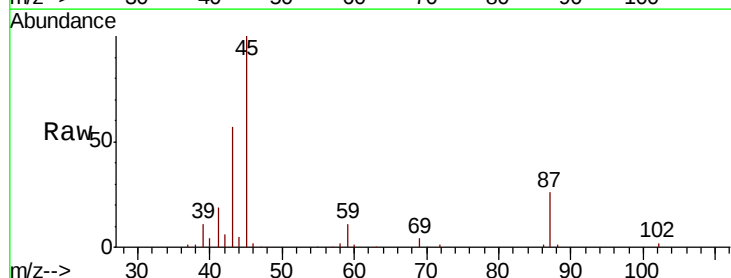
Ion Ratio Lower Upper

45 100

43 56.5 45.2 67.8

87 26.0 20.8 31.2

59 10.8 8.6 13.0

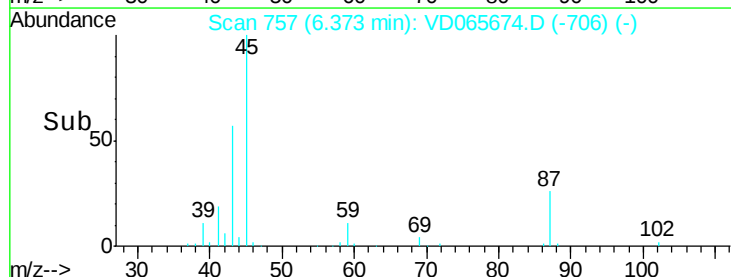
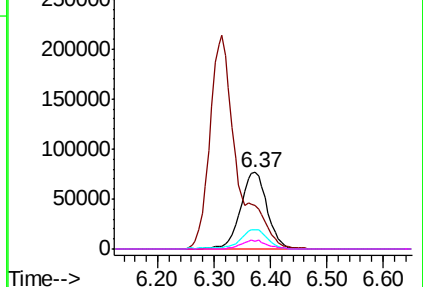


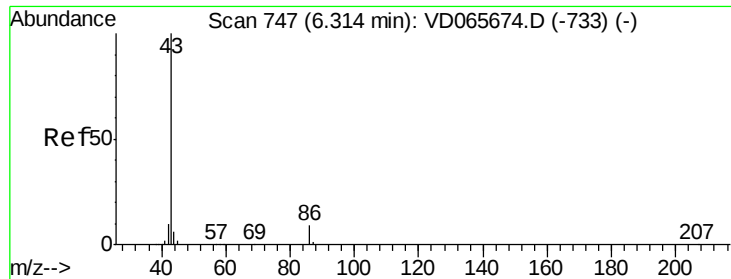
Abundance Ion 45.00 (44.70 to 45.70): VDC

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

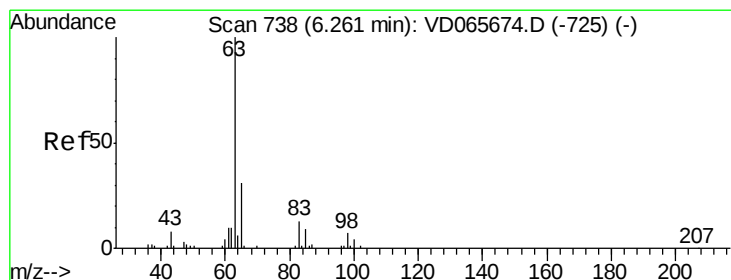
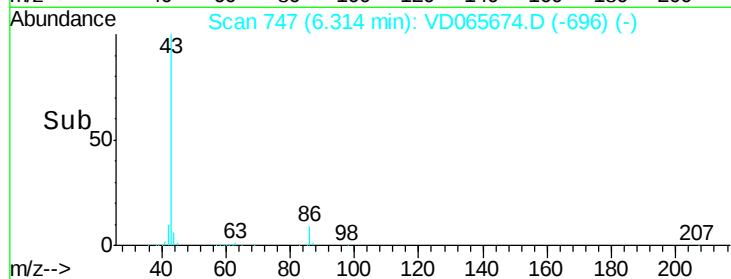
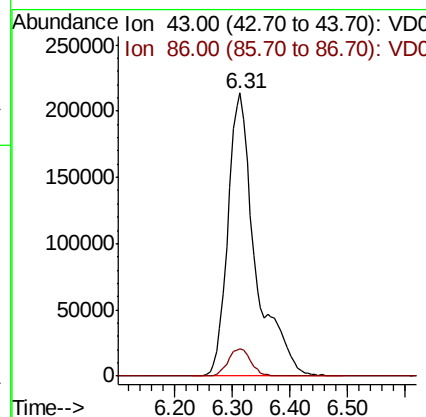
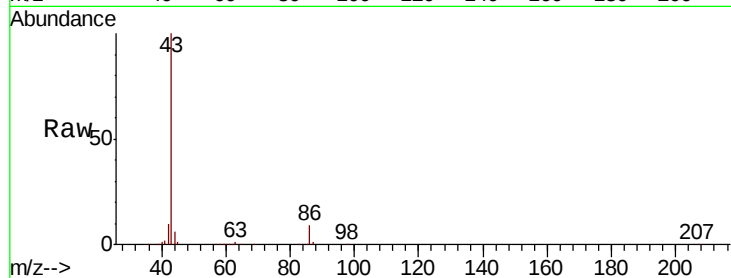




#23
 Vinyl Acetate
 Concen: 278.366 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

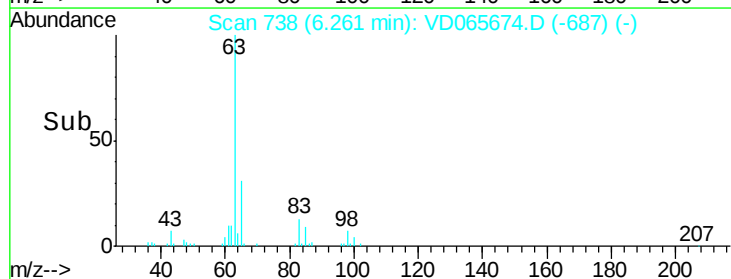
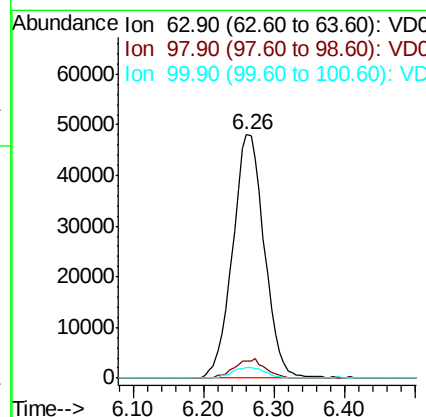
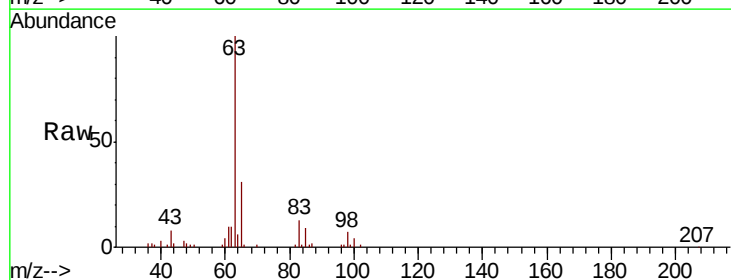
Instrument :
 MSVOA_D
 ClientSampleId :

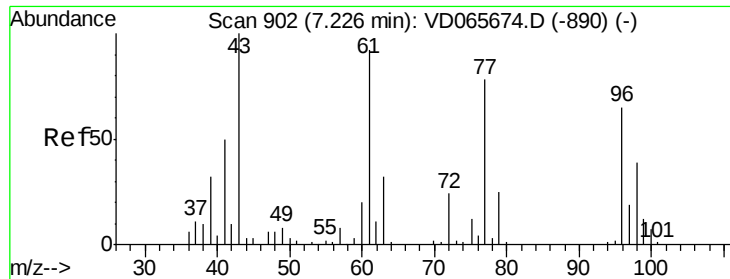
Tot Ion: 43 Resp: 709517
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 46.944 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 63 Resp: 149954
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 239.745 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

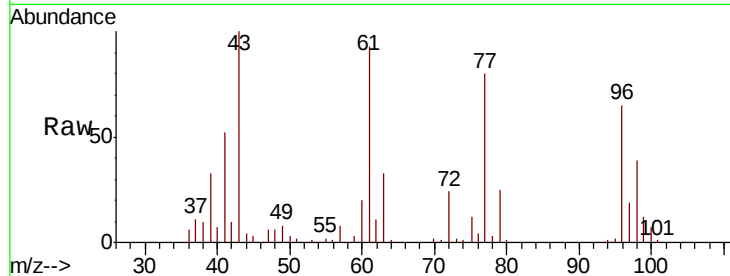
ClientSampleId :

Tot Ion: 43 Resp: 106588

Ion Ratio Lower Upper

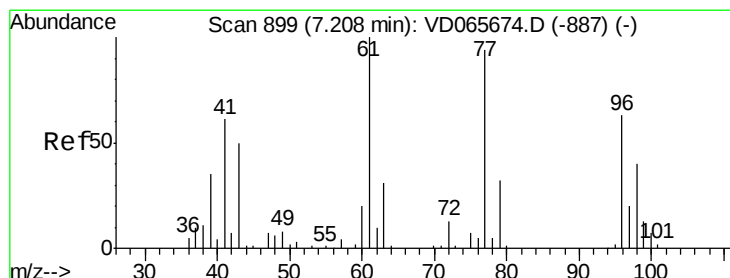
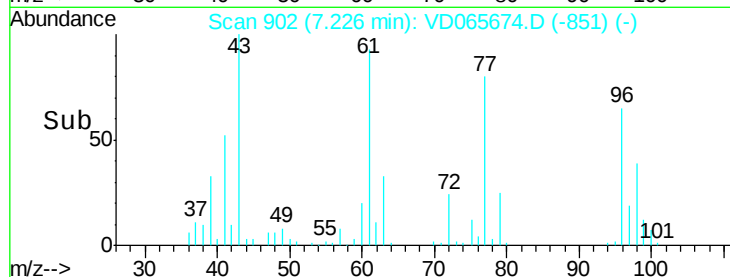
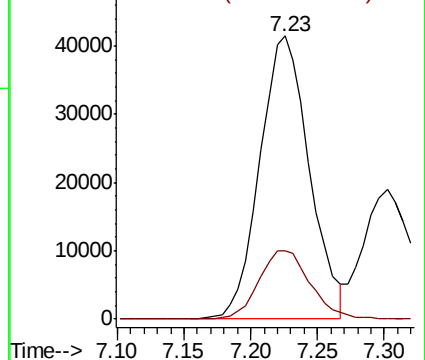
43 100

72 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.363 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065674.D

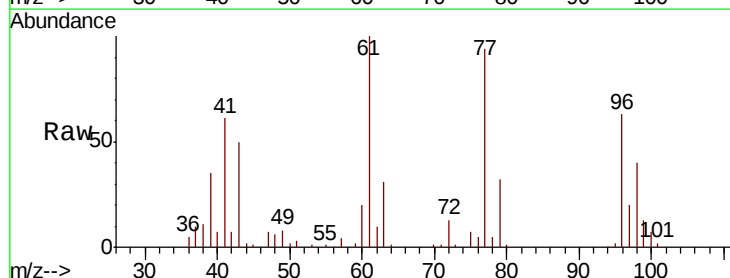
Acq: 24 Apr 2020 13:30

Tgt Ion: 77 Resp: 137894

Ion Ratio Lower Upper

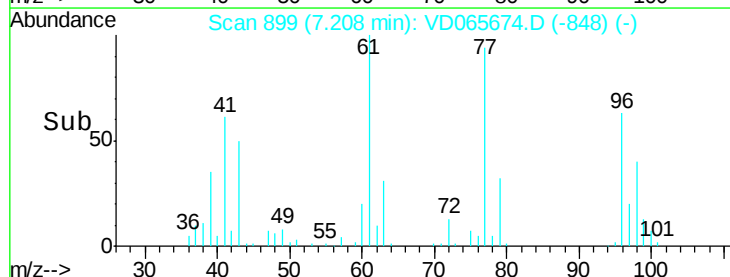
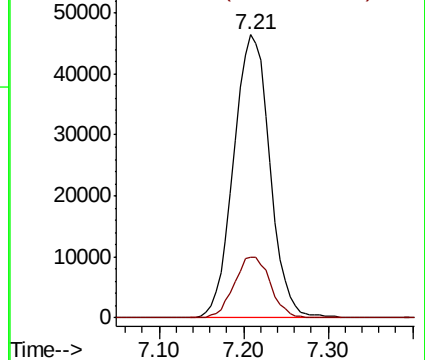
77 100

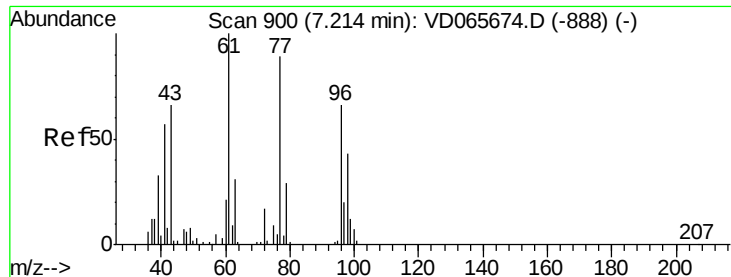
97 21.5 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



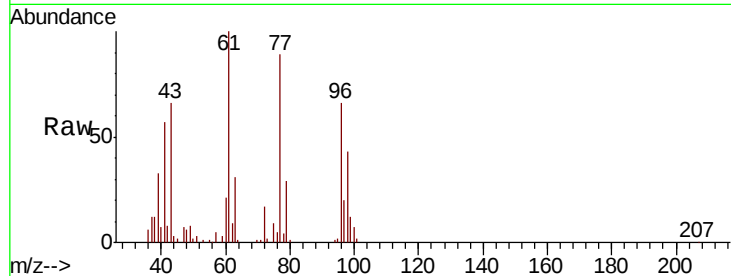


#27

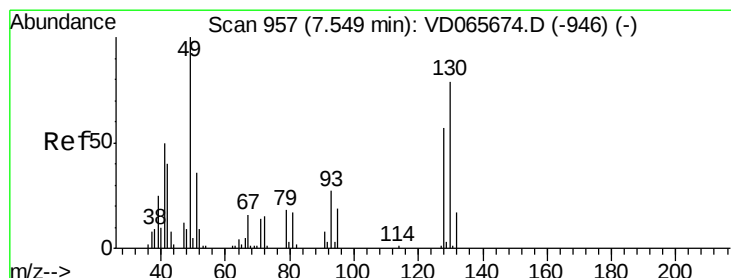
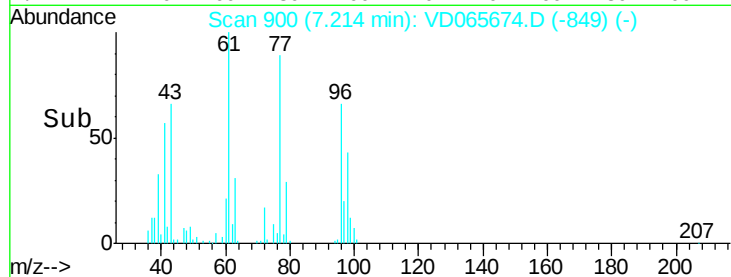
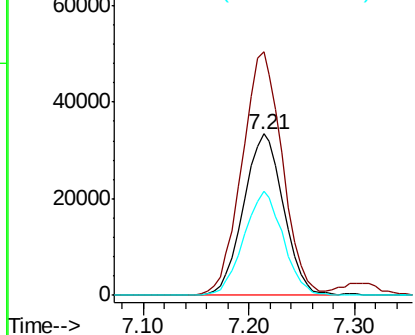
cis-1,2-Dichloroethene
Concen: 49.004 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 87879
Ion Ratio Lower Upper
96 100
61 152.3 0.0 304.6
98 63.3 0.0 126.6



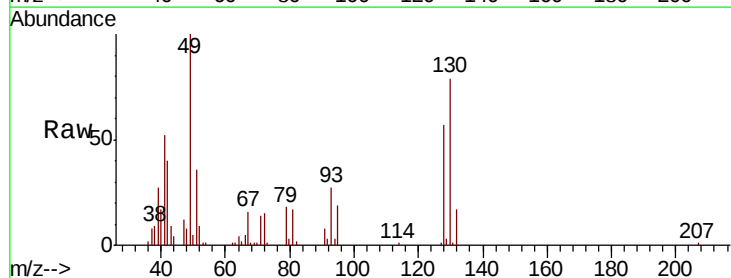
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



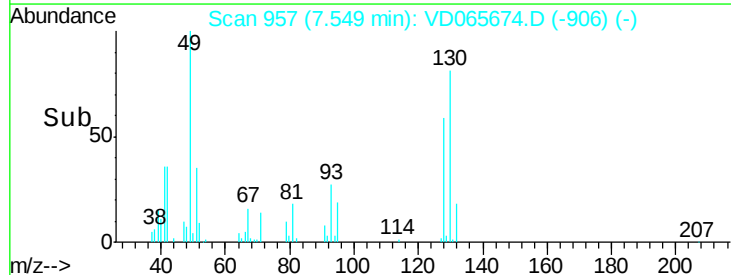
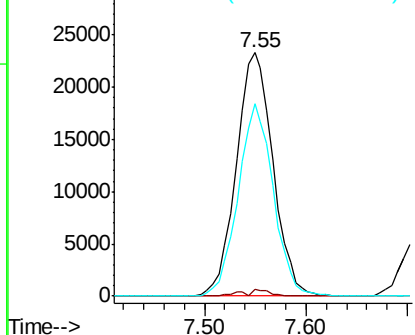
#28

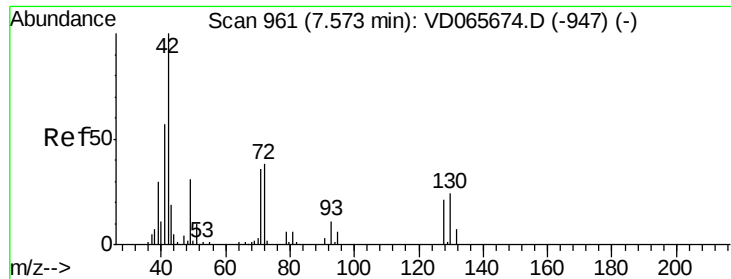
Bromochloromethane
Concen: 44.486 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 49 Resp: 58327
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.4
130 75.9 60.7 91.1



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

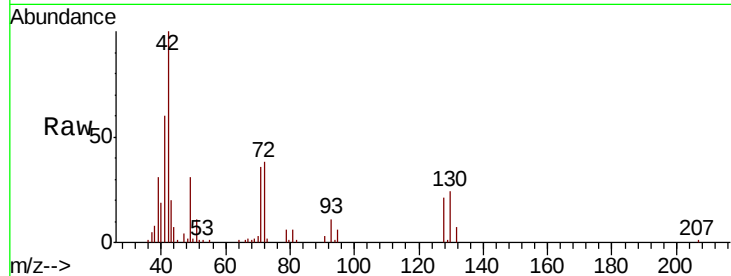




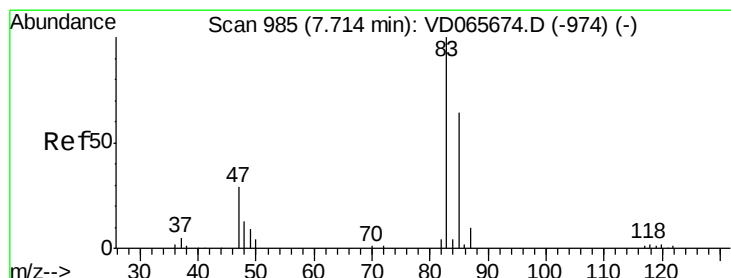
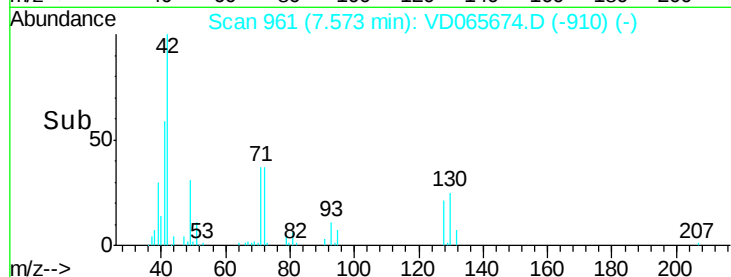
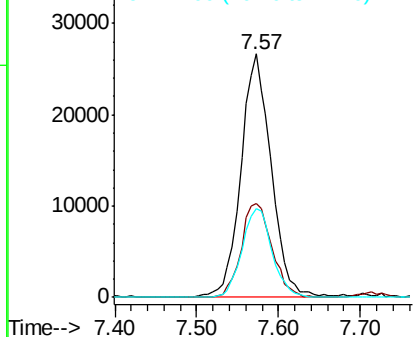
#29
Tetrahydrofuran
Concen: 260.195 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 68738
Ion Ratio Lower Upper
42 100
72 39.0 31.2 46.8
71 36.1 28.9 43.3

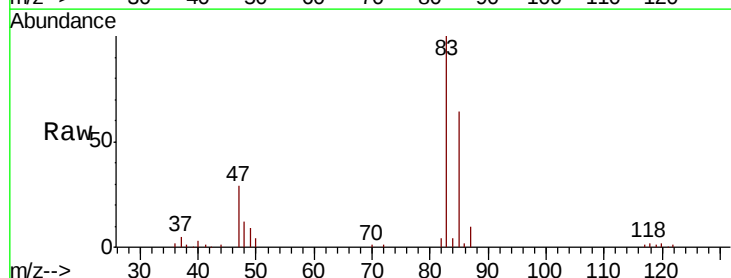


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

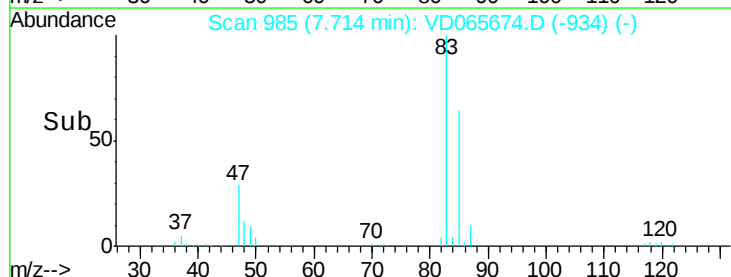
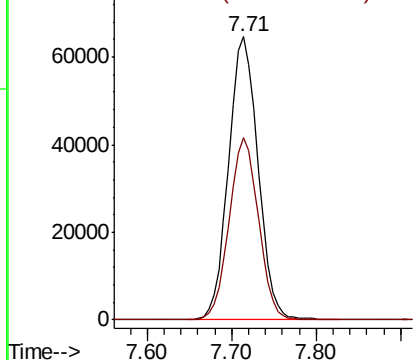


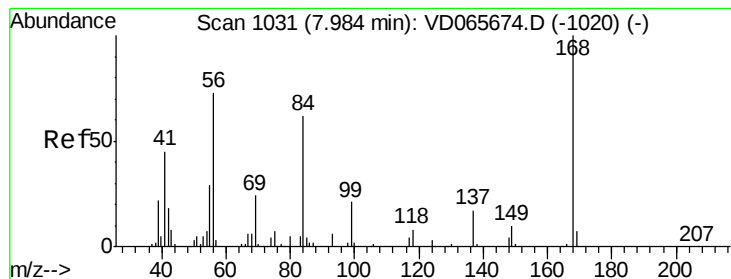
#30
Chloroform
Concen: 45.574 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 83 Resp: 155436
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



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





#31

Cyclohexane

Concen: 45.489 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

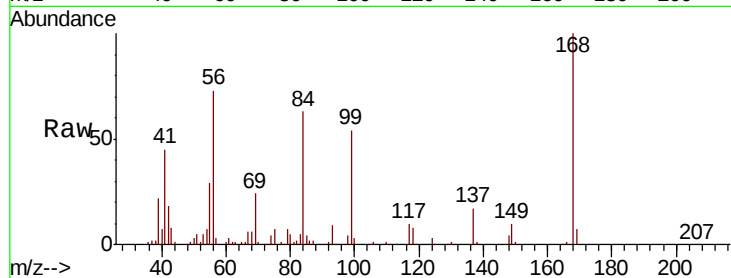
Tot Ion: 56 Resp: 137128

Ion Ratio Lower Upper

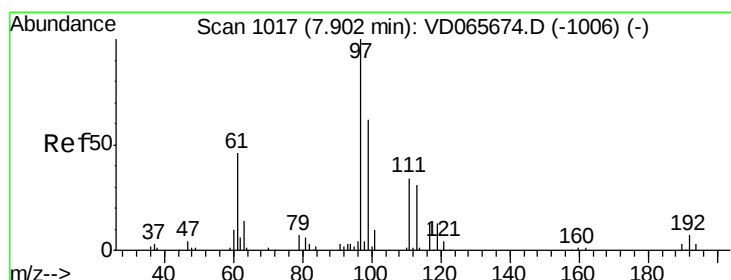
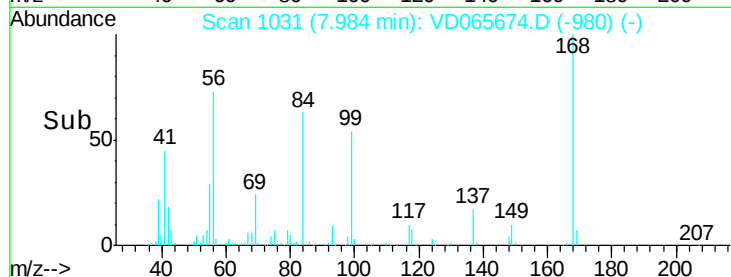
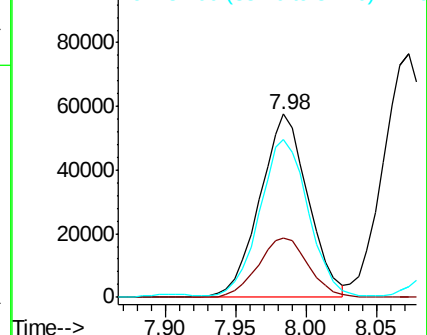
56 100

69 32.2 25.8 38.6

84 85.4 68.3 102.5



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



#32

1,1,1-Trichloroethane

Concen: 46.778 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

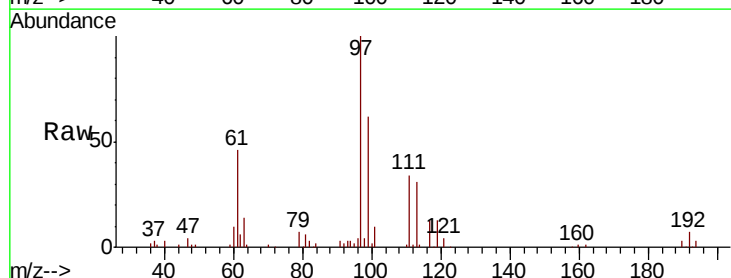
Tgt Ion: 97 Resp: 145092

Ion Ratio Lower Upper

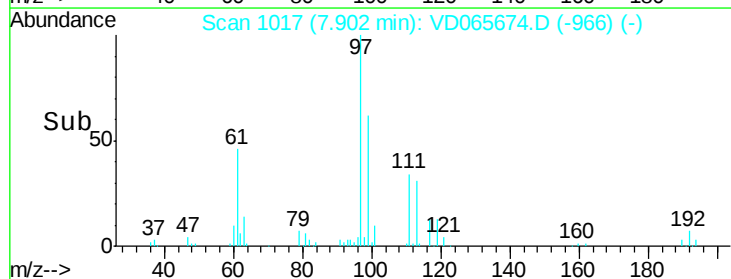
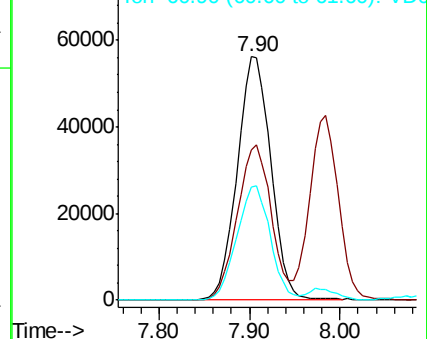
97 100

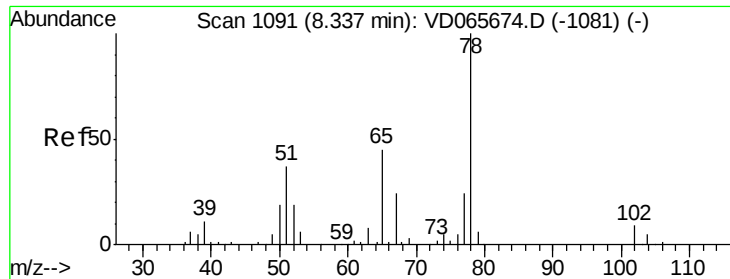
99 63.7 51.0 76.4

61 46.8 37.4 56.2



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: 44.898 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

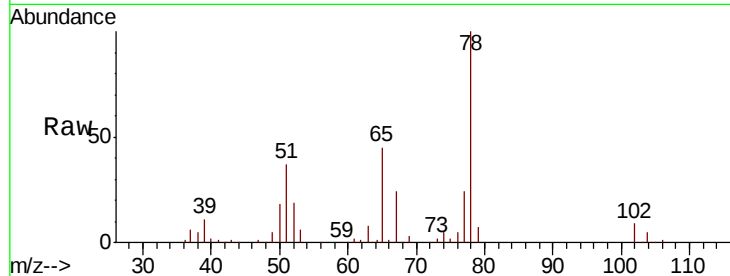
ClientSampleId :

Tot Ion: 65 Resp: 81754

Ion Ratio Lower Upper

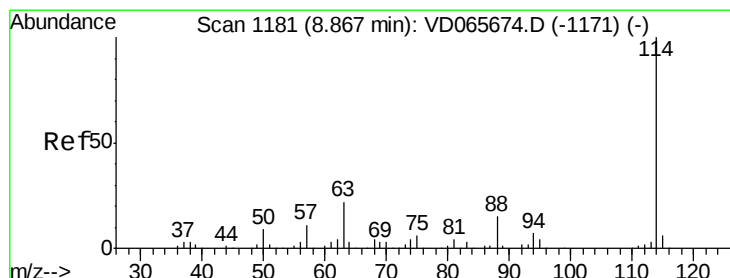
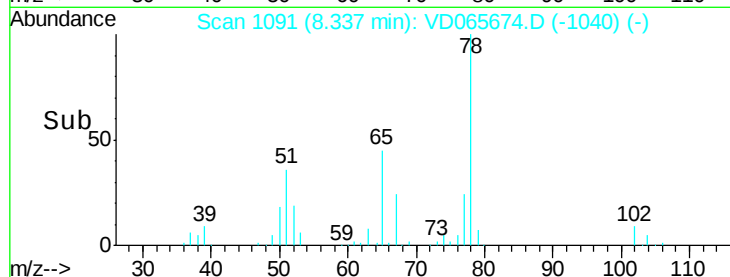
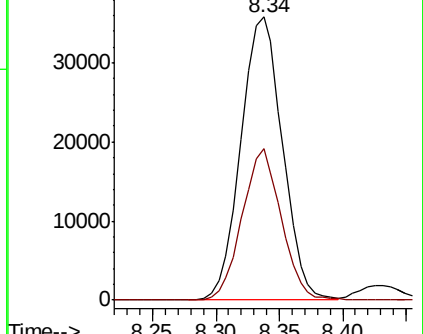
65 100

67 50.1 0.0 100.2



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# 1181

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

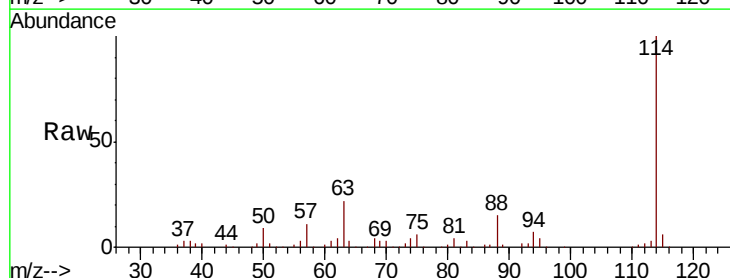
Tgt Ion: 114 Resp: 236049

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

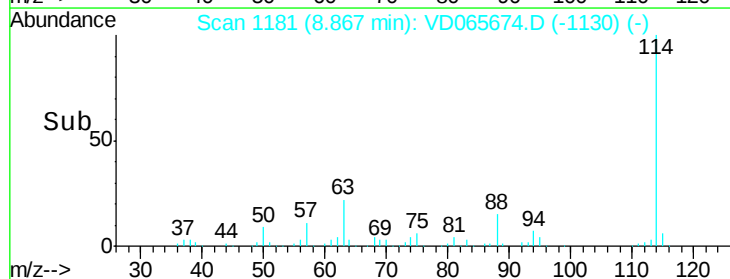
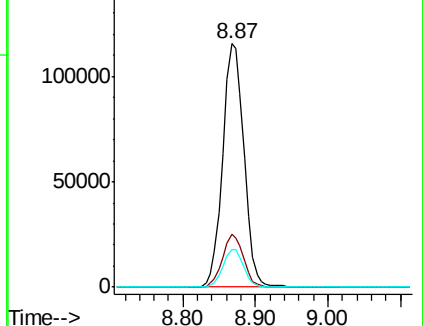
88 15.2 0.0 30.4

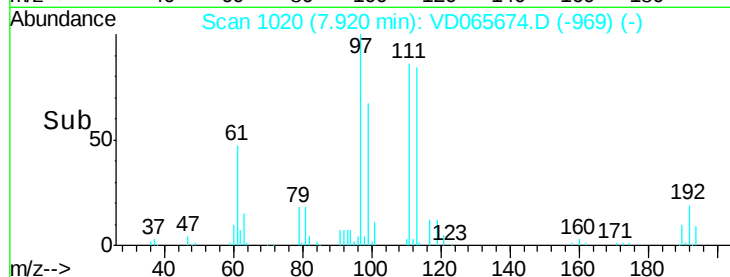
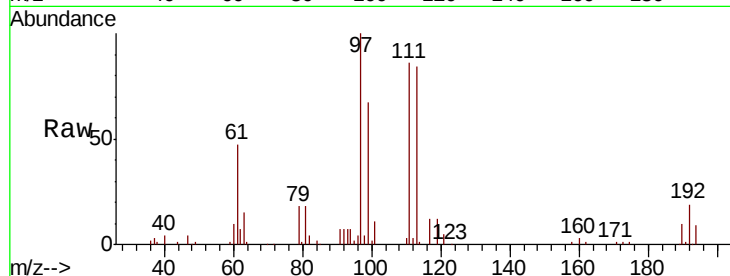
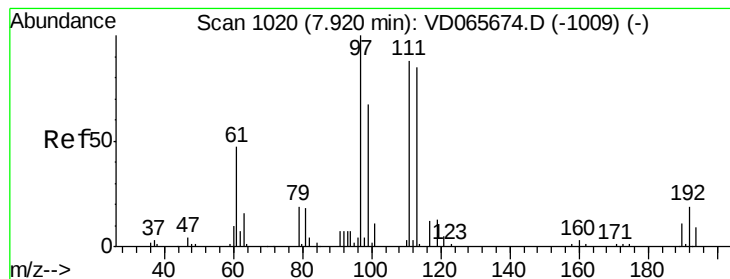


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 46.215 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

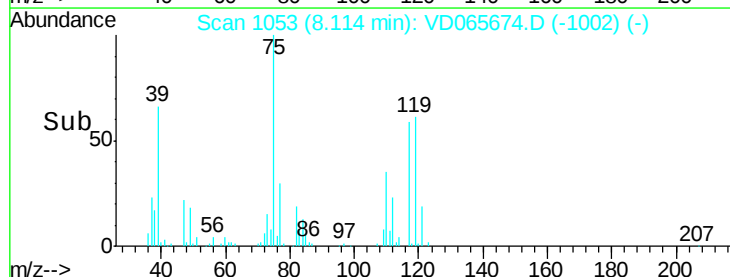
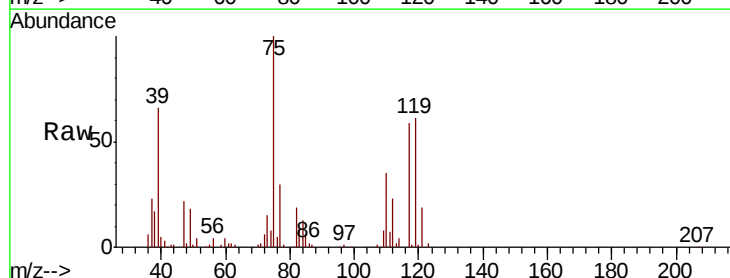
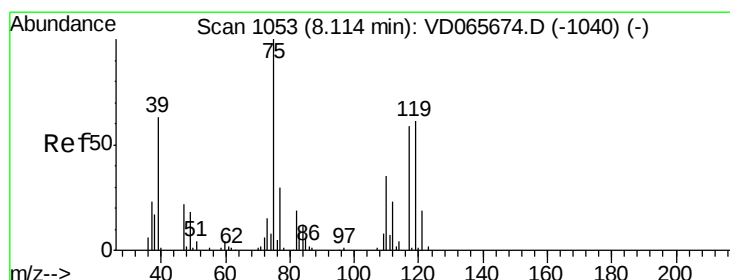
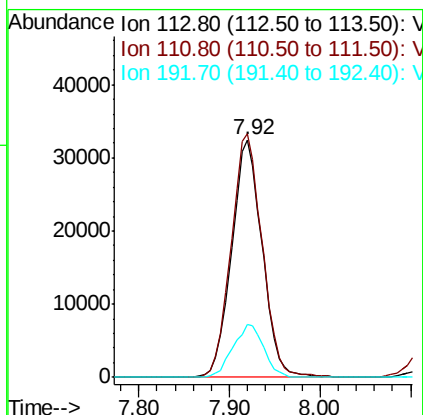
Tot Ion:113 Resp: 75987

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

192 22.1 17.7 26.5



#36

1,1-Dichloropropene

Concen: 49.984 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

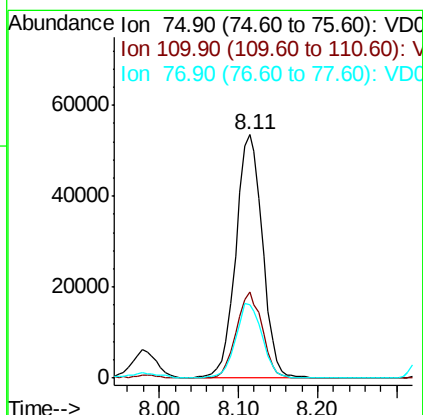
Tgt Ion: 75 Resp: 124470

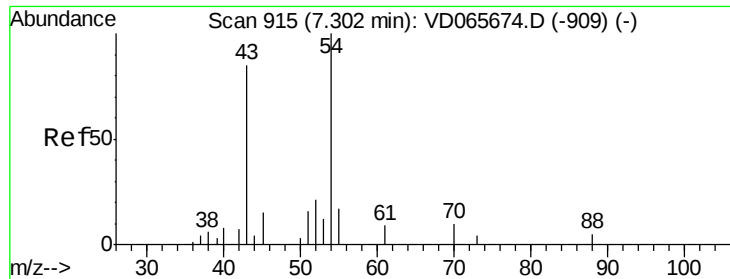
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 30.6 24.5 36.7

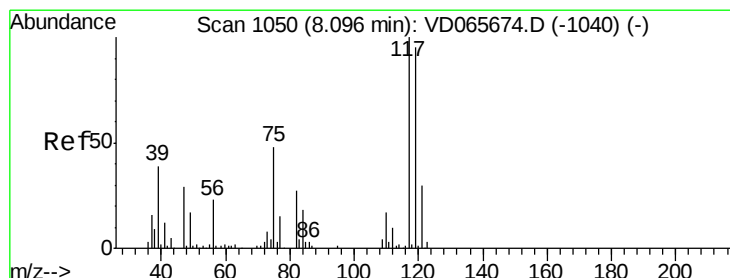
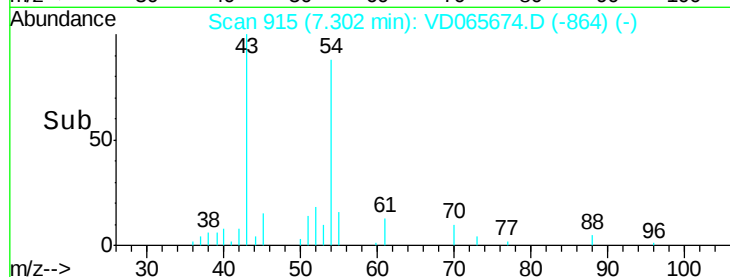
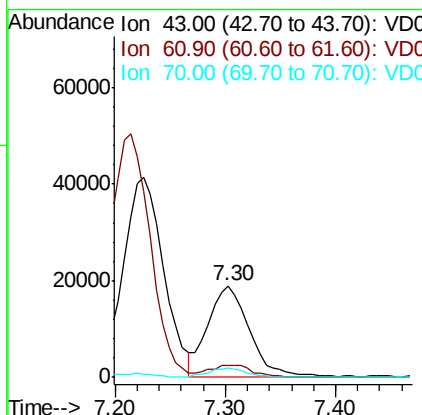
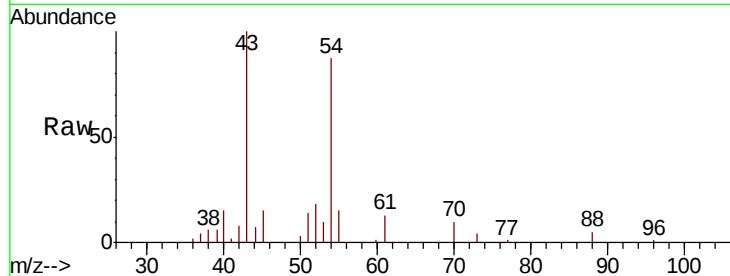




#37
Ethyl Acetate
Concen: 50.673 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

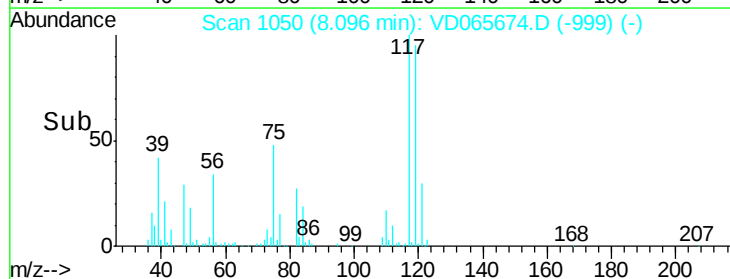
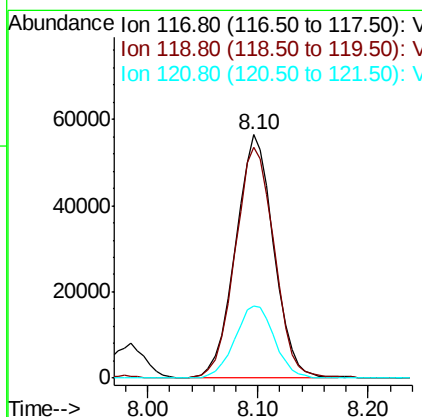
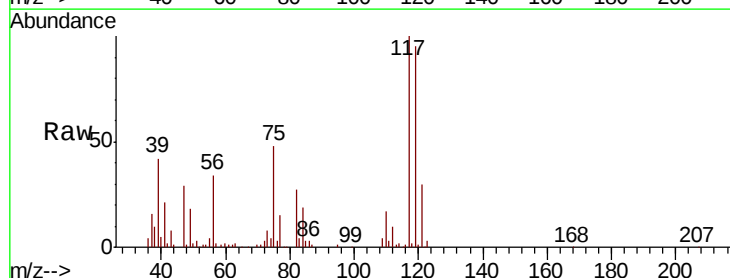
Instrument :
MSVOA_D
ClientSampleId :

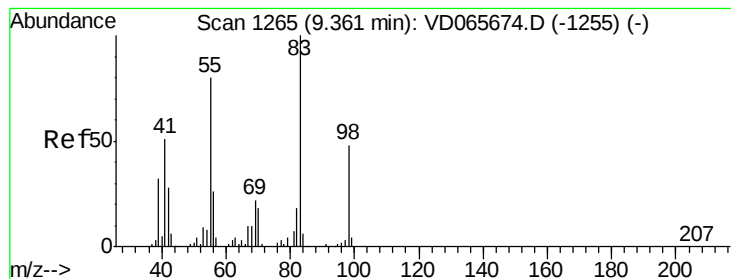
Tot Ion: 43 Resp: 49009
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 48.013 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 117 Resp: 137375
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 29.8 23.8 35.8

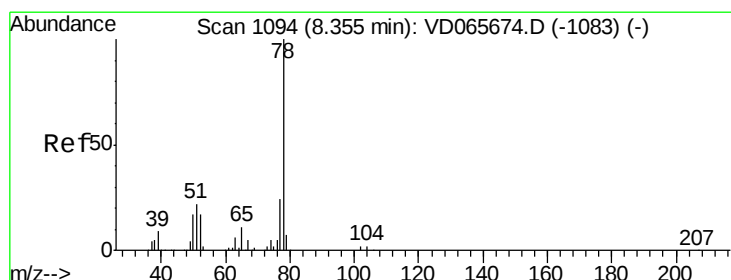
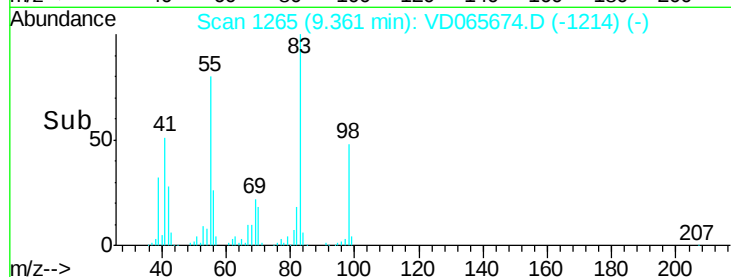
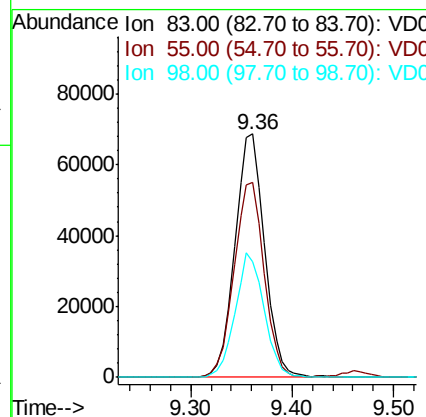
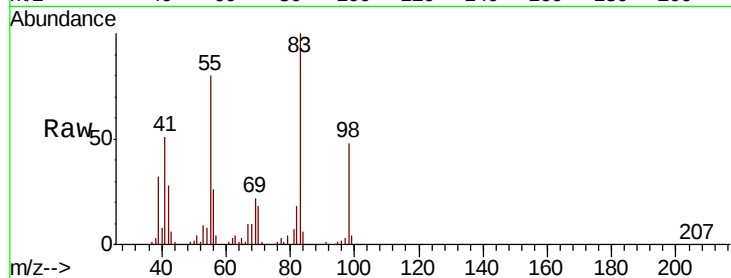




#39
Methvlcvclohexane
Concen: 54.335 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

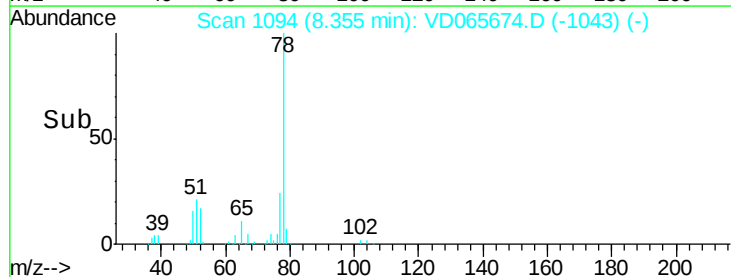
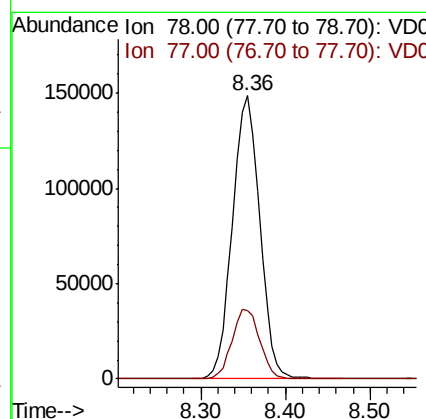
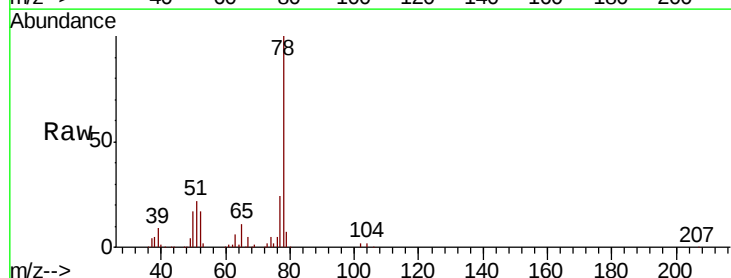
Instrument :
MSVOA_D
ClientSampleId :

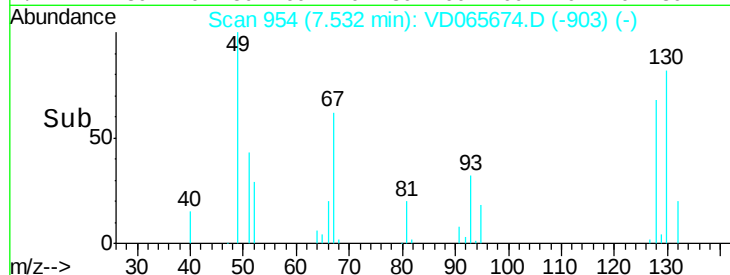
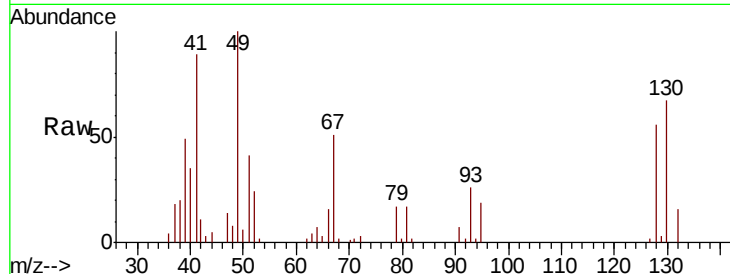
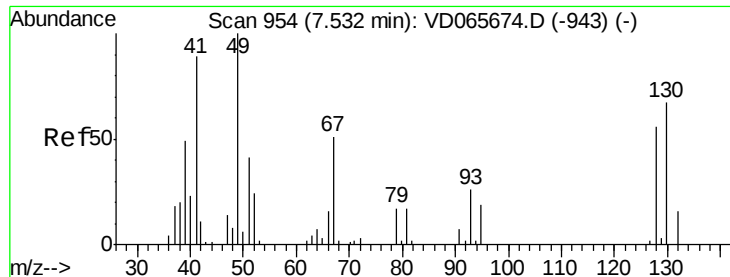
Tot Ion	83	Resp	139128
Ion Ratio	Lower	Upper	
83	100		
55	80.2	64.2	96.2
98	47.6	38.1	57.1



#40
Benzene
Concen: 48.542 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

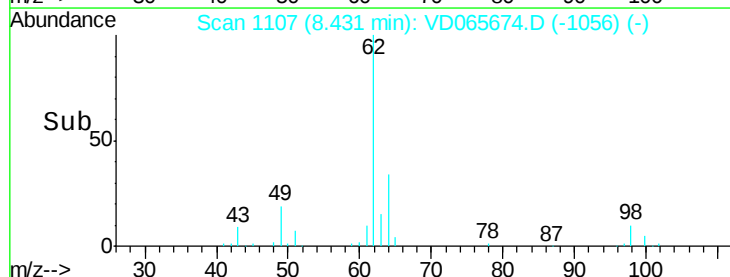
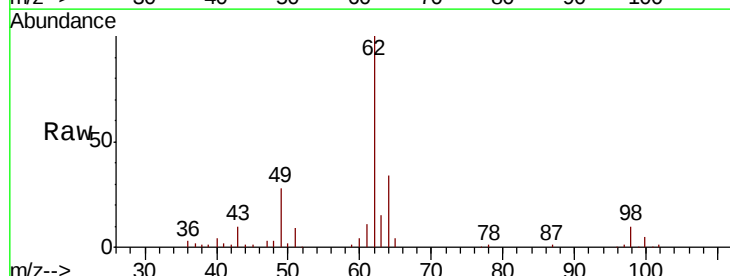
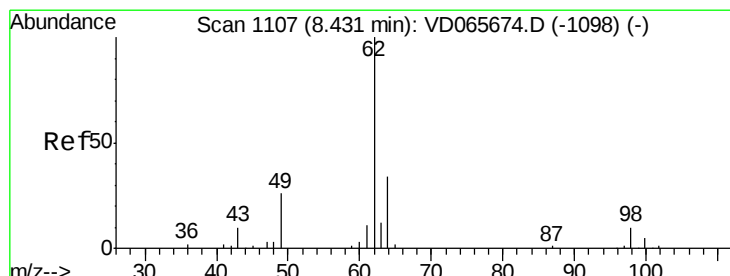
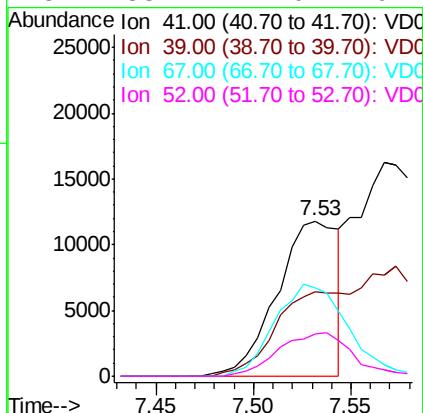
Tgt Ion	78	Resp	331922
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0





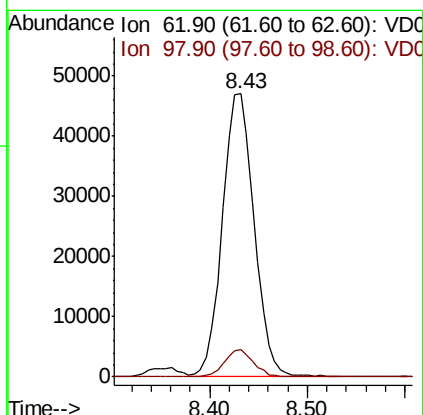
#41
Methacrylonitrile
Concen: 51.222 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

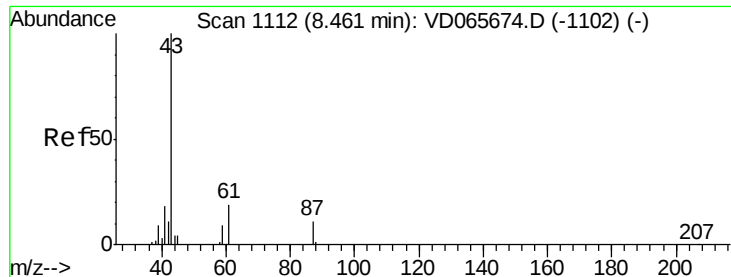
Tot Ion: 41 Resp: 25798
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 70.0 56.0 84.0
52 33.7 27.0 40.4



#42
1,2-Dichloroethane
Concen: 49.514 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 62 Resp: 106215
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 51.663 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampled :

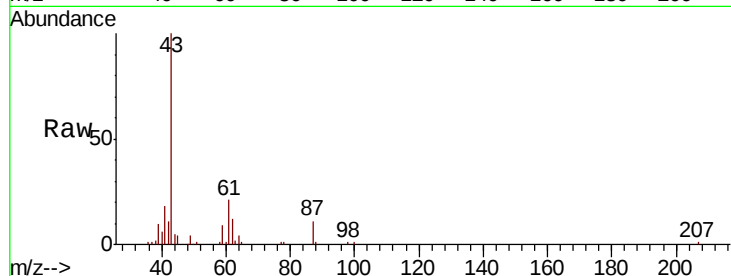
Tot Ion: 43 Resp: 91075

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

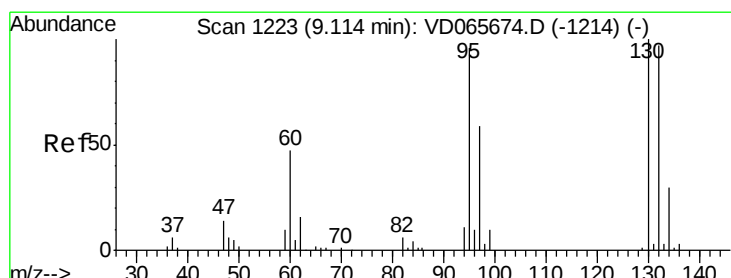
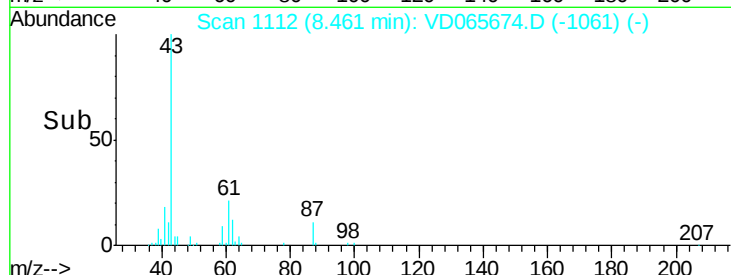
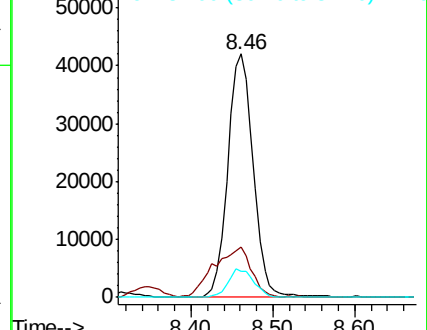
87 11.6 9.3 13.9



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: 47.200 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065674.D

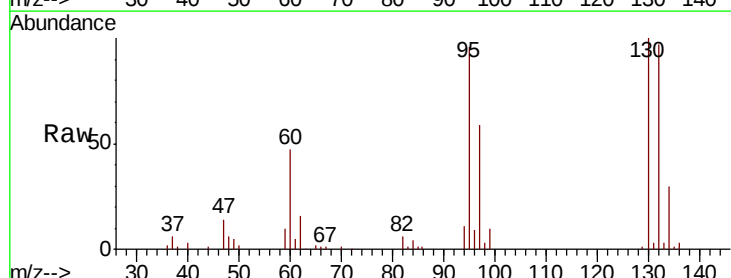
Acq: 24 Apr 2020 13:30

Tgt Ion: 130 Resp: 91254

Ion Ratio Lower Upper

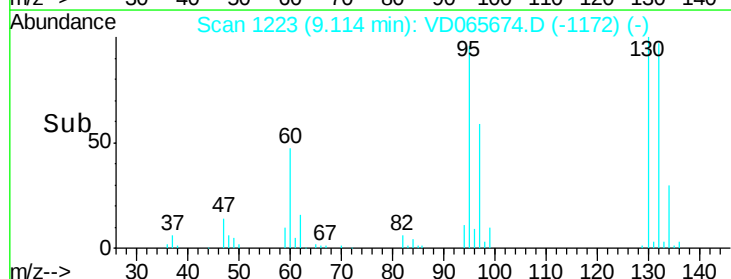
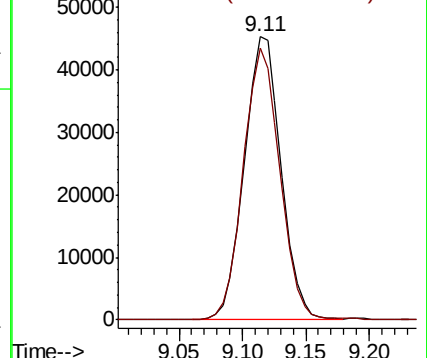
130 100

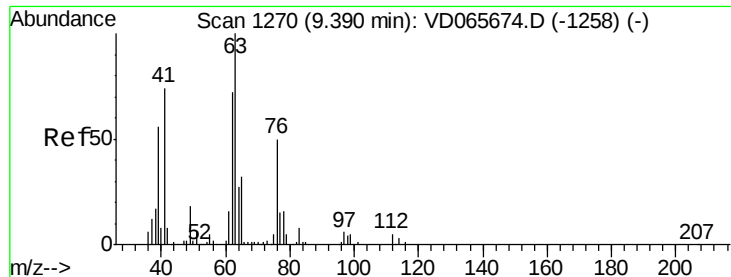
95 95.9 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

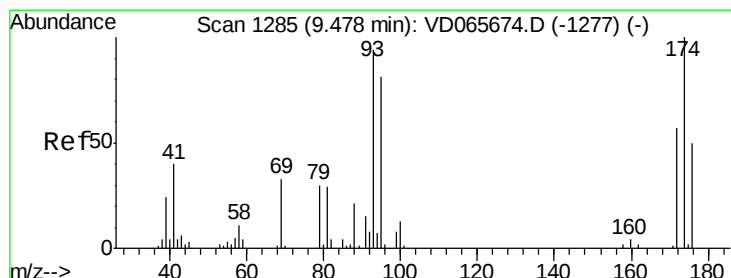
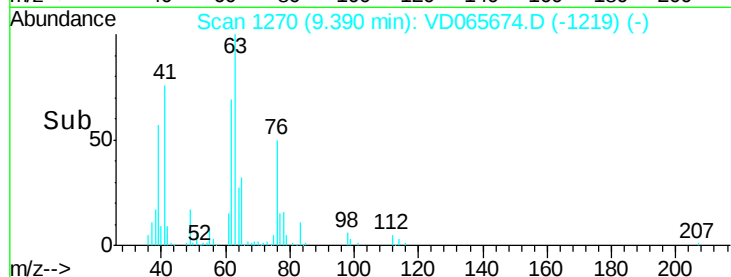
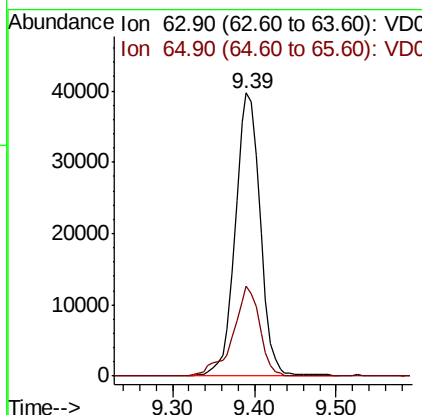
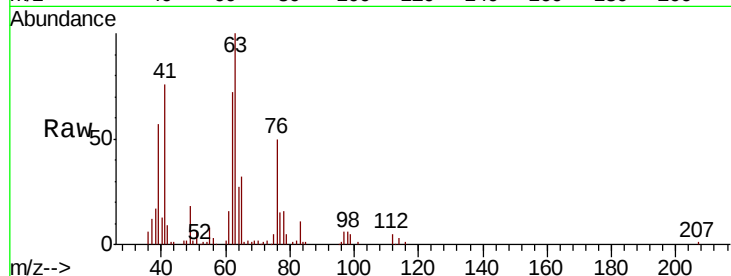




#45
 1,2-Dichloropropane
 Concen: 48.363 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

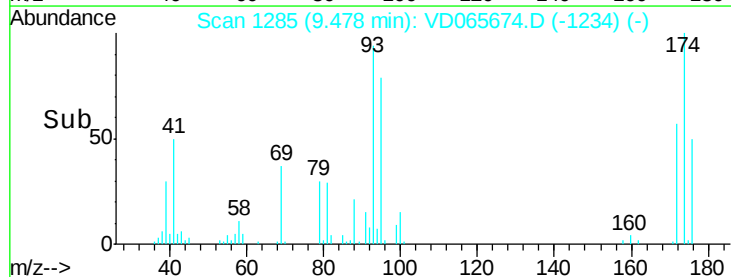
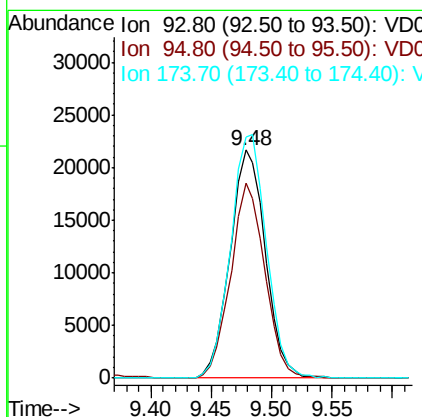
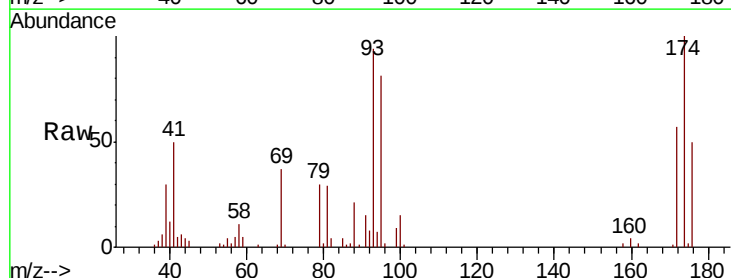
Instrument :
 MSVOA_D
 ClientSampleId :

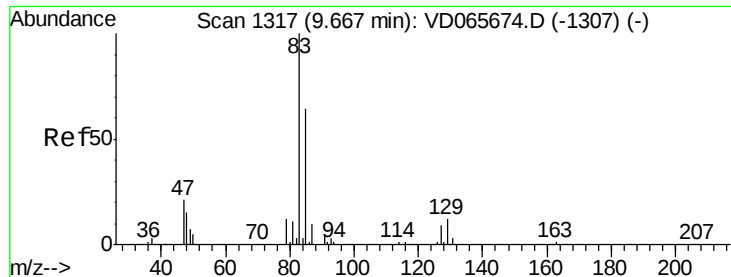
Tot Ion: 63 Resp: 84258
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



#46
 Dibromomethane
 Concen: 49.063 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 93 Resp: 44308
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.1 99.1
 174 108.0 86.4 129.6





#47

Bromodichloromethane

Concen: 48.472 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

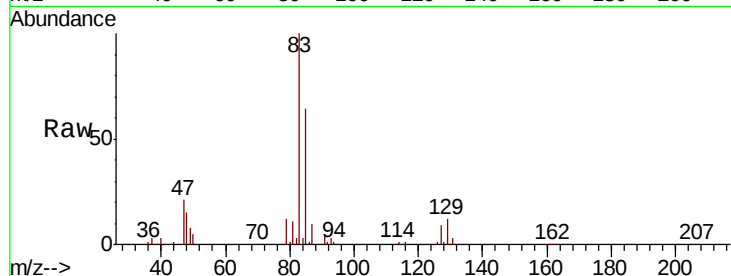
Tot Ion: 83 Resp: 120270

Ion Ratio Lower Upper

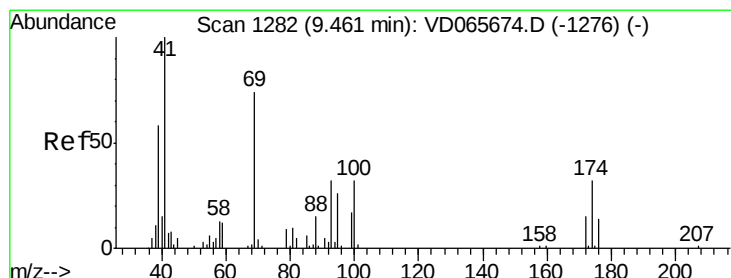
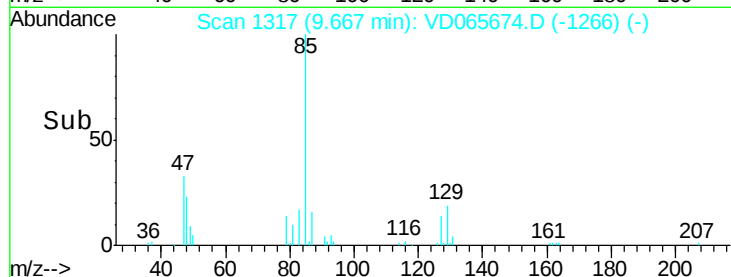
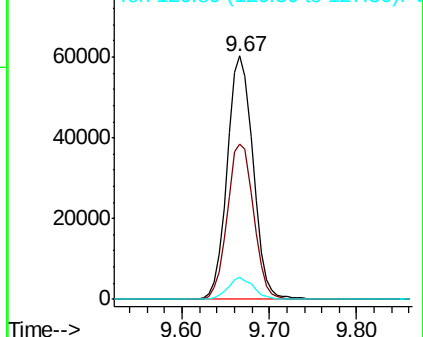
83 100

85 63.8 51.0 76.6

127 8.9 7.1 10.7



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: 52.705 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

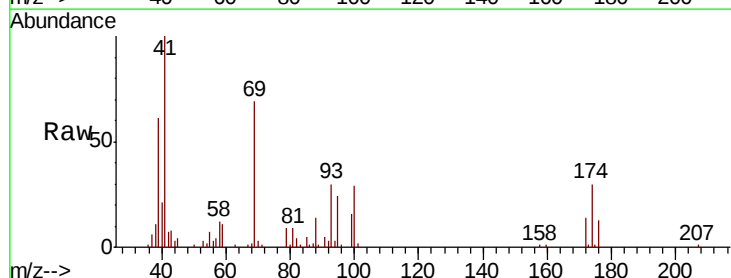
Tgt Ion: 41 Resp: 45129

Ion Ratio Lower Upper

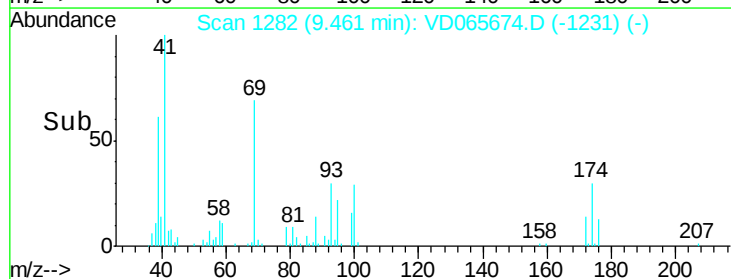
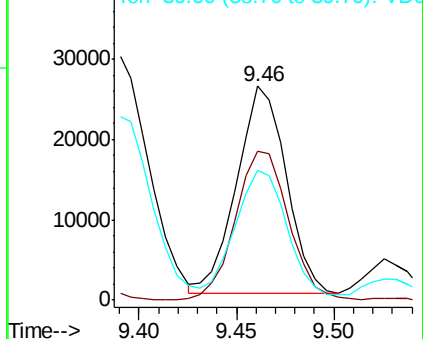
41 100

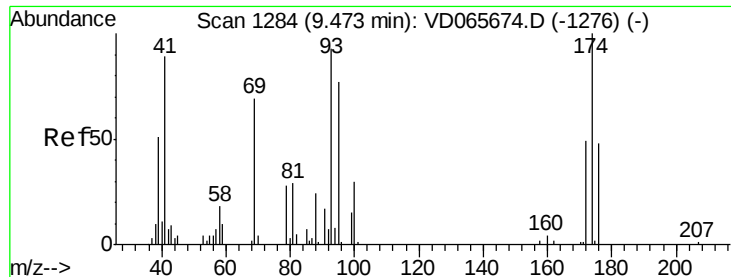
69 78.0 62.4 93.6

39 61.1 48.9 73.3



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

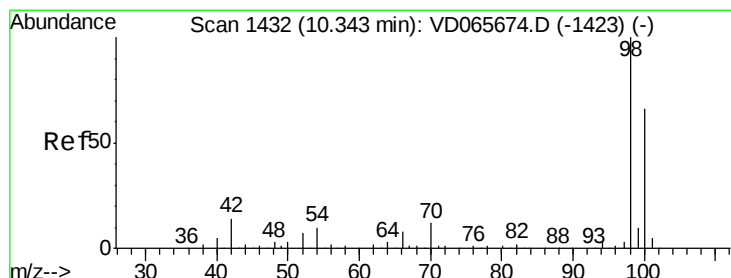
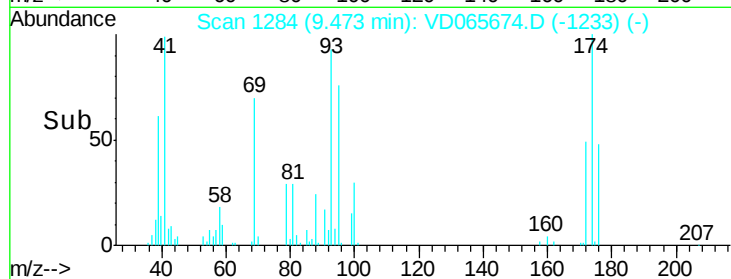
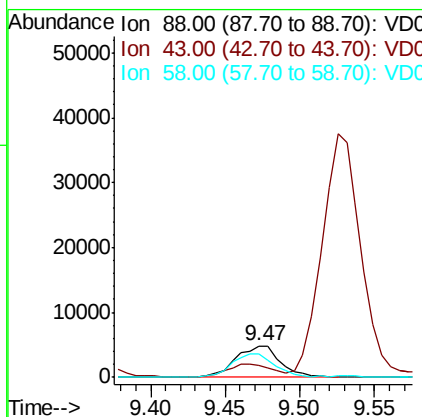
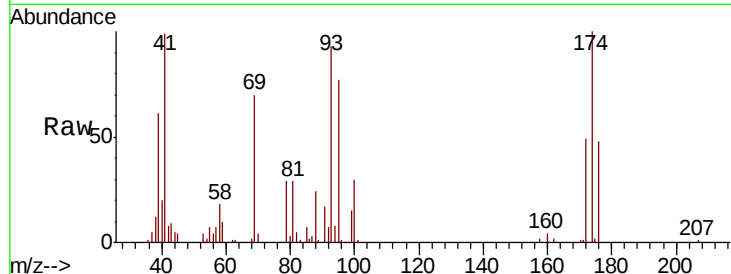




#49
1,4-Dioxane
Concen: 1075.213 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

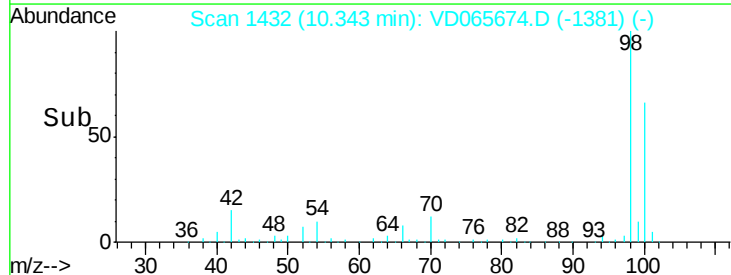
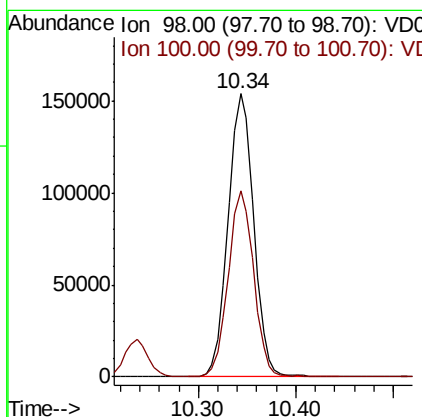
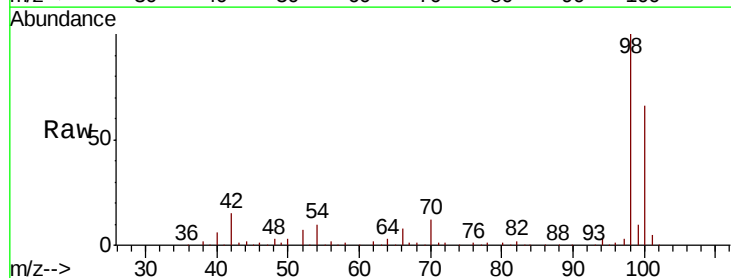
Instrument :
MSVOA_D
ClientSampled :

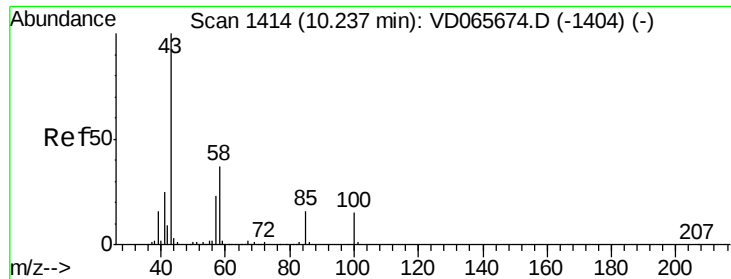
Tot Ion: 88 Resp: 10113
Ion Ratio Lower Upper
88 100
43 42.7 34.2 51.2
58 72.7 58.2 87.2



#50
Toluene-d8
Concen: 48.981 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 98 Resp: 280851
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

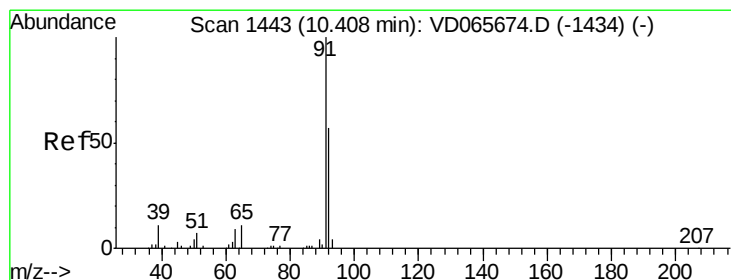
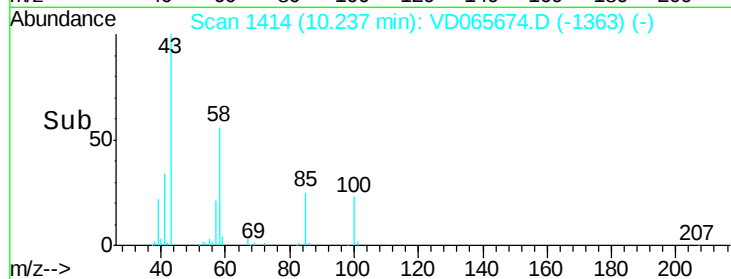
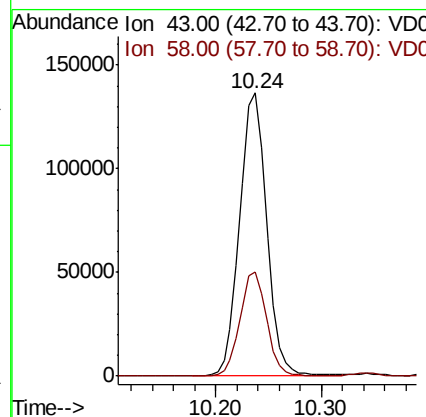
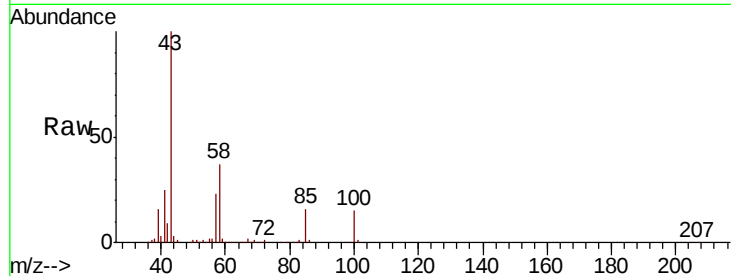




#51
 4-Methyl-2-Pentanone
 Concen: 268.245 ug/l
 RT: 10.24 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

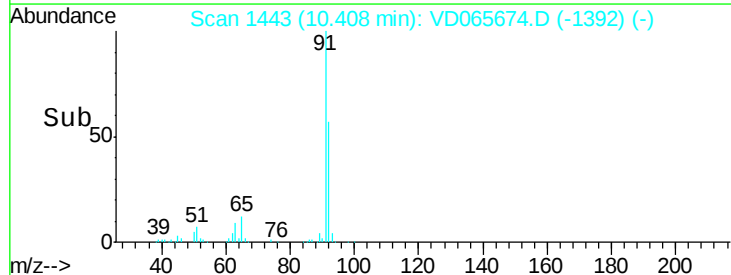
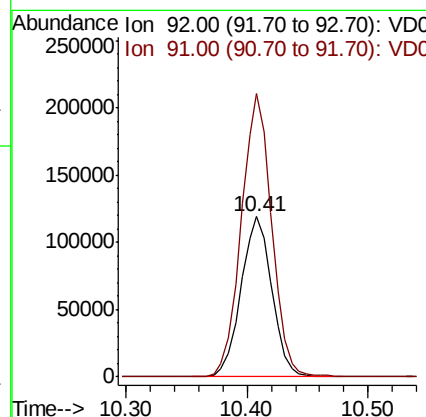
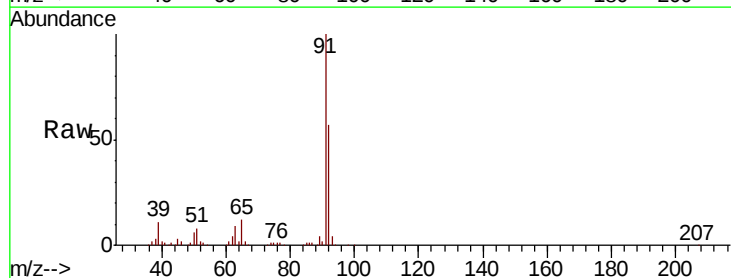
Instrument :
 MSVOA_D
 ClientSampled :

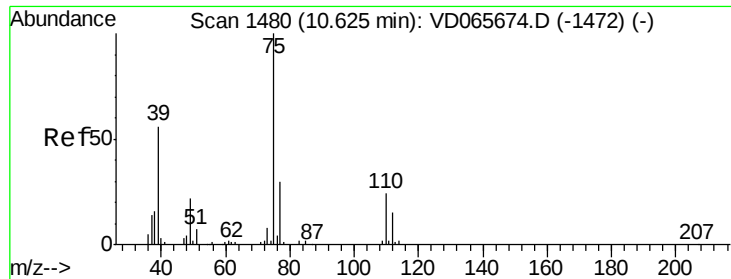
Tot Ion: 43 Resp: 242458
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.9 43.3



#52
 Toluene
 Concen: 51.226 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 92 Resp: 212676
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.2 208.8

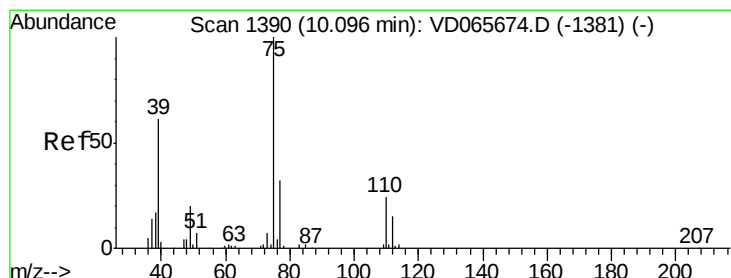
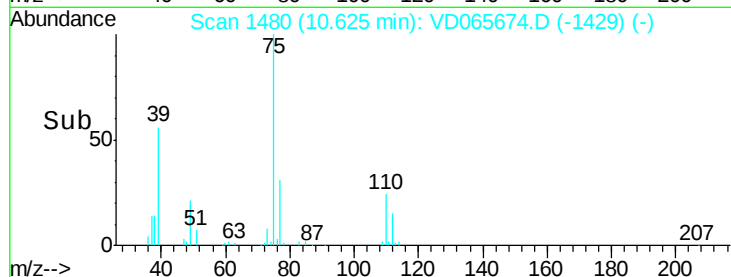
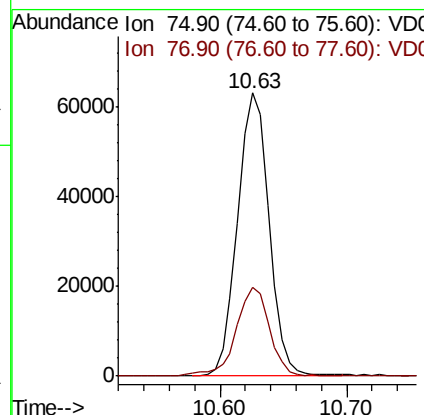
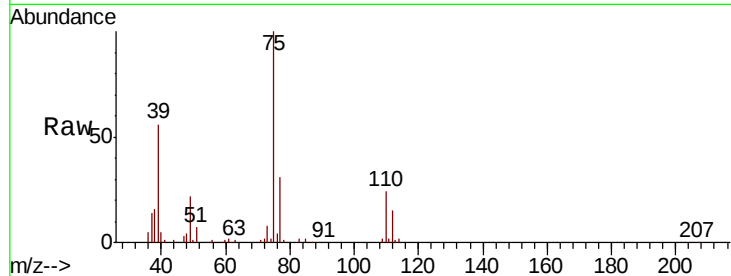




#53
t-1,3-Dichloropropene
Concen: 51.855 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

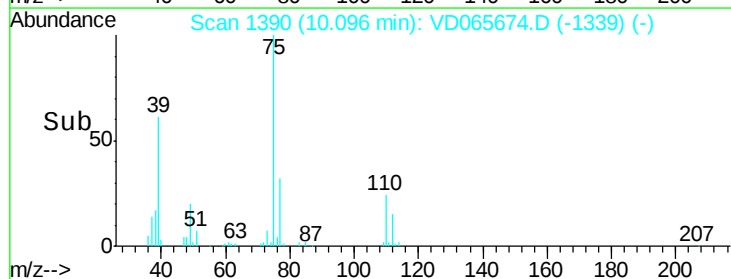
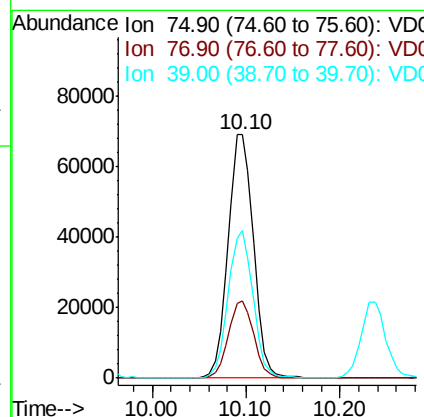
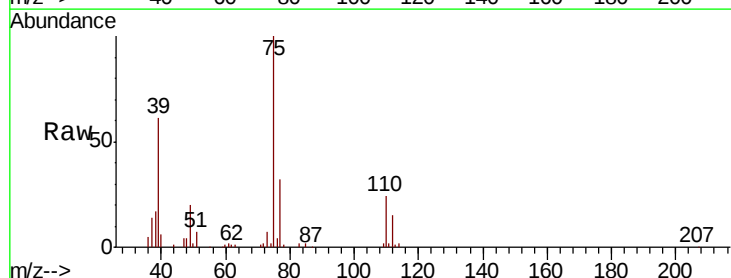
Instrument :
MSVOA_D
ClientSampleId :

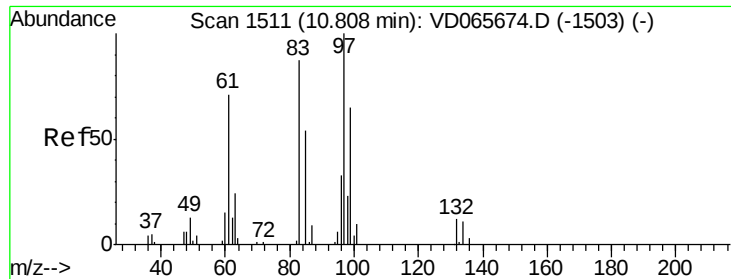
Tot Ion: 75 Resp: 108543
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.020 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 75 Resp: 129361
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 60.6 48.5 72.7





#55

1,1,2-Trichloroethane

Concen: 46.580 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

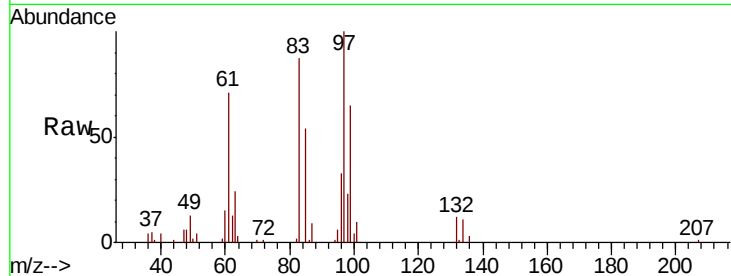
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 58951

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	54.4	43.5	65.3
99	64.6	51.7	77.5

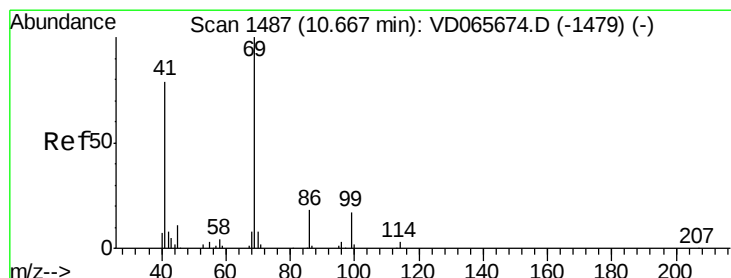
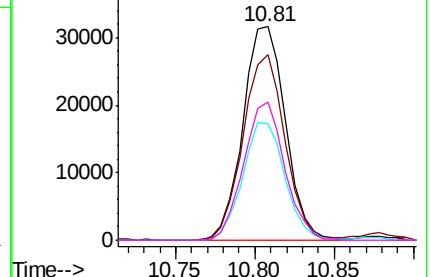
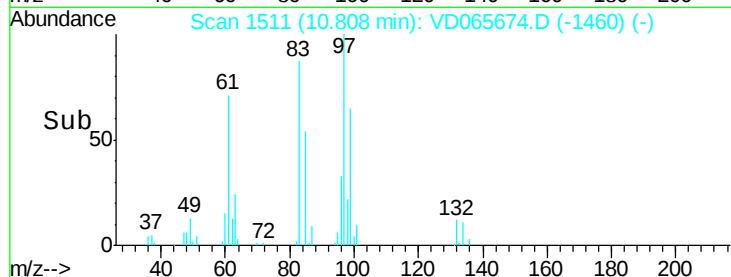


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 57.584 ug/l

RT: 10.67 min Scan# 1487

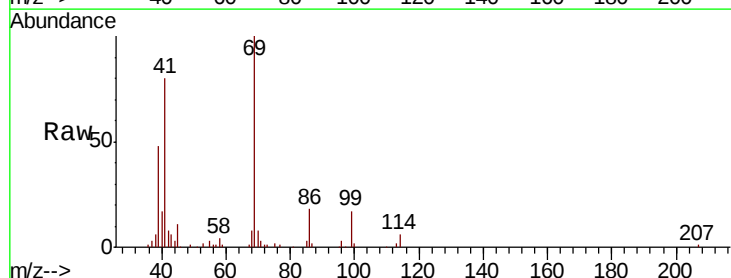
Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Tgt Ion: 69 Resp: 67982

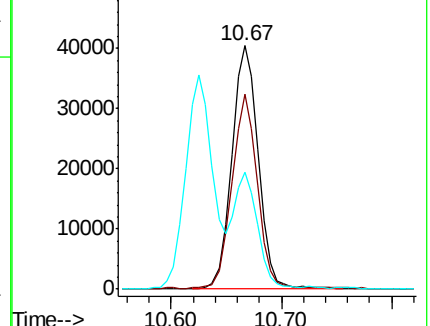
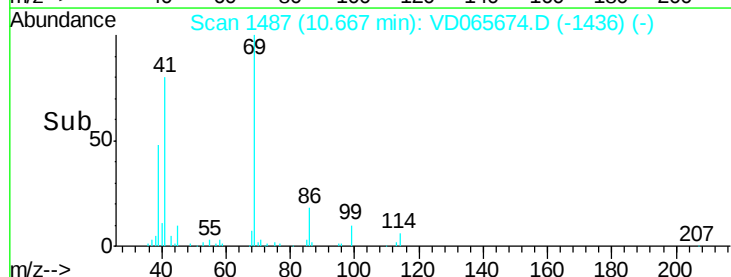
Ion	Ratio	Lower	Upper
69	100		
41	77.9	62.3	93.5
39	43.0	34.4	51.6

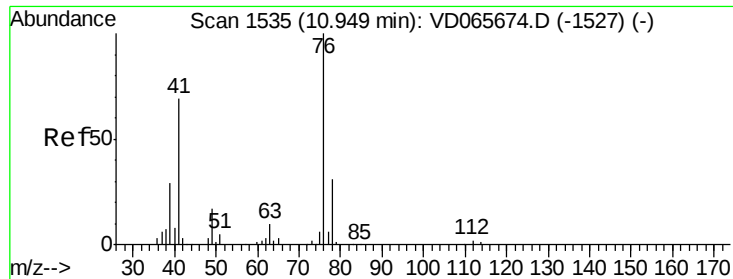


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

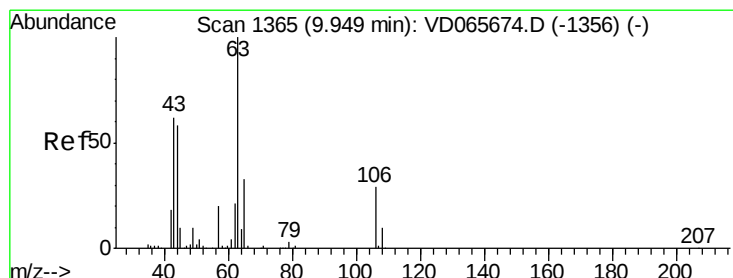
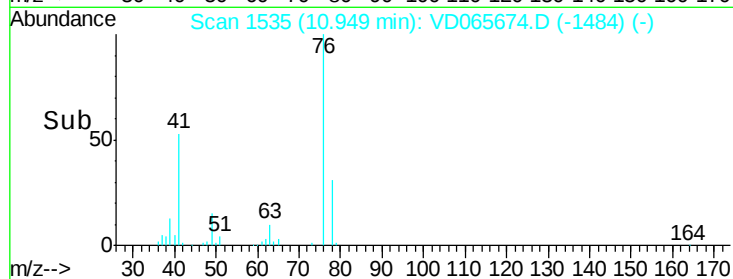
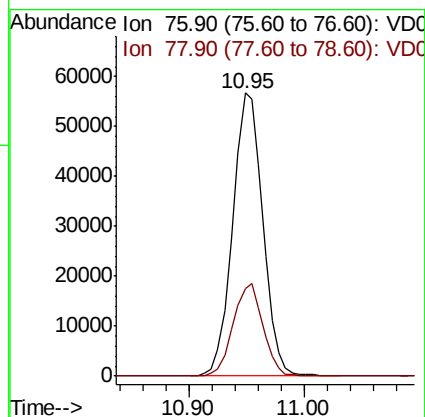
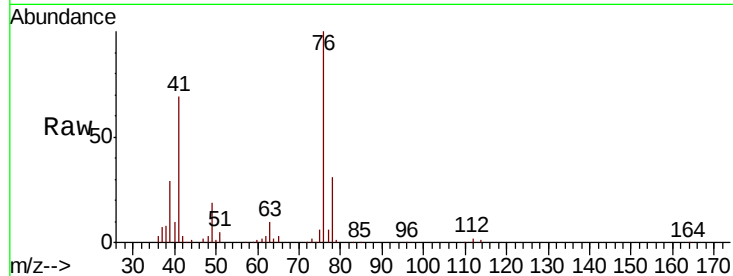




#57
 1,3-Dichloropropane
 Concen: 48.790 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

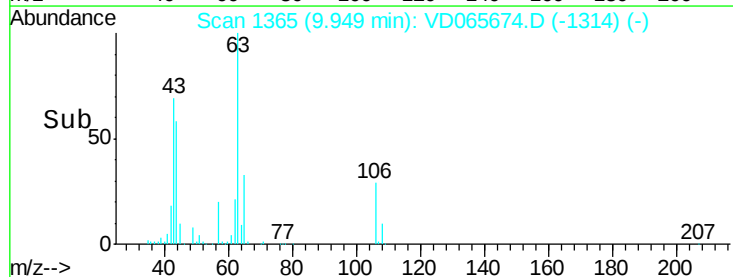
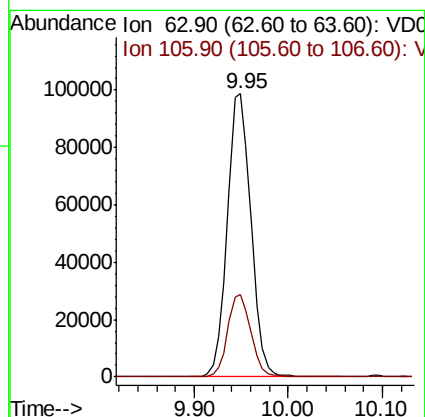
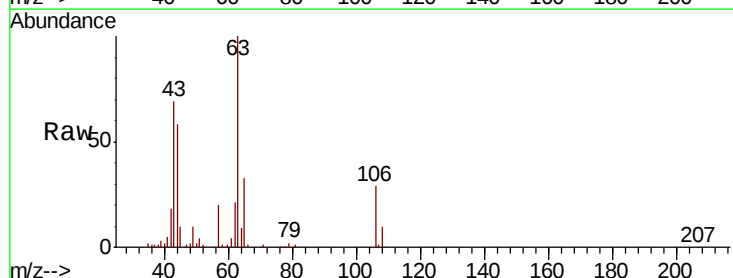
Instrument :
 MSVOA_D
 ClientSampleId :

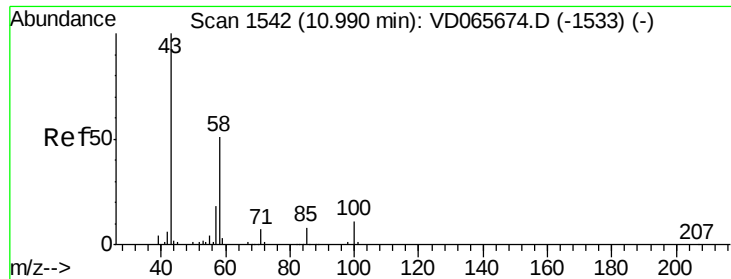
Tot Ion: 76 Resp: 102393
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.898 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 63 Resp: 172551
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

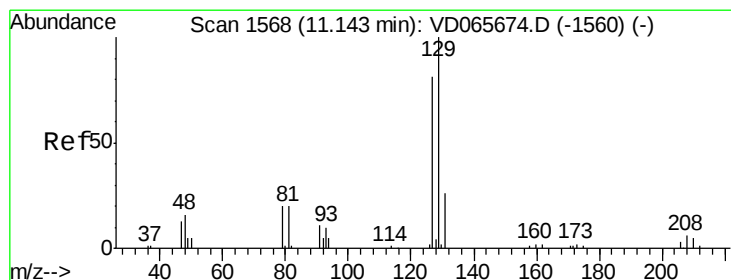
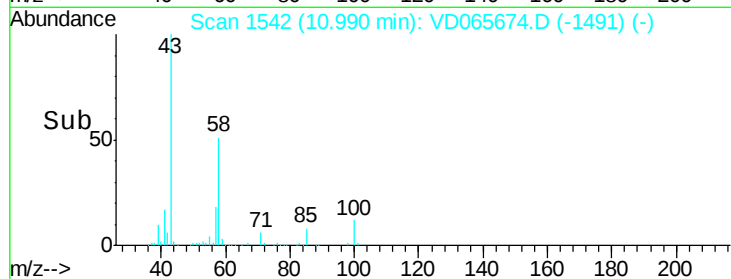
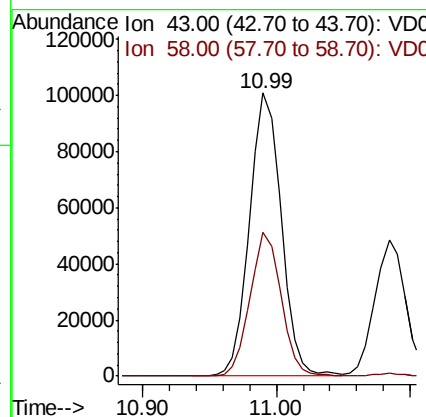
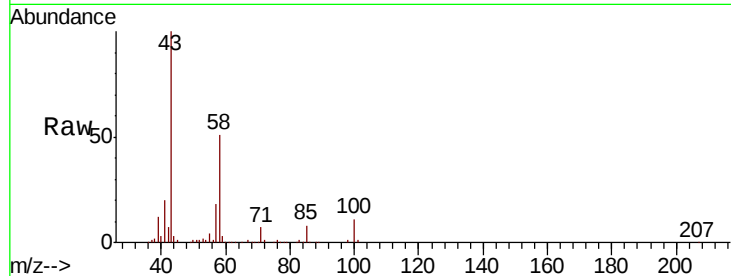




#59
2-Hexanone
Concen: 270.392 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

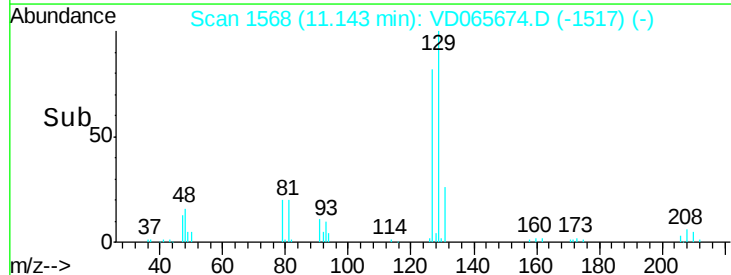
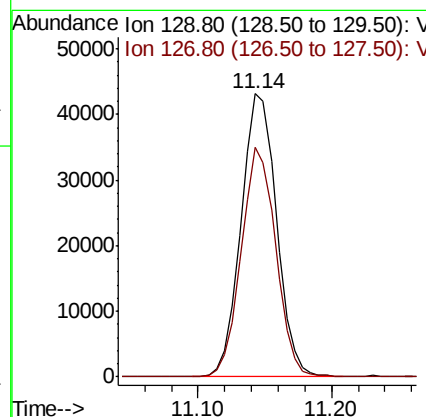
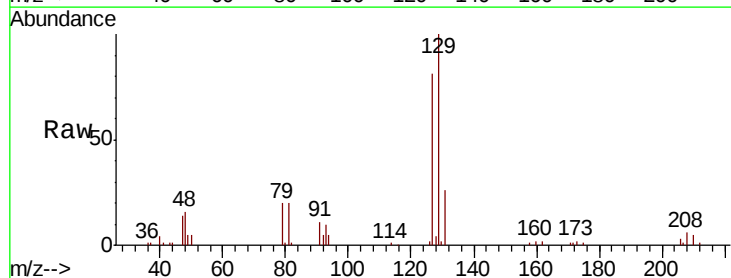
Instrument :
MSVOA_D
ClientSampleID :

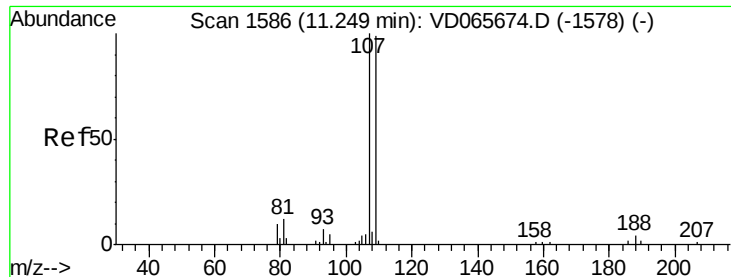
Tot Ion: 43 Resp: 165754
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.7



#60
Dibromochloromethane
Concen: 46.958 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 129 Resp: 79349
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5

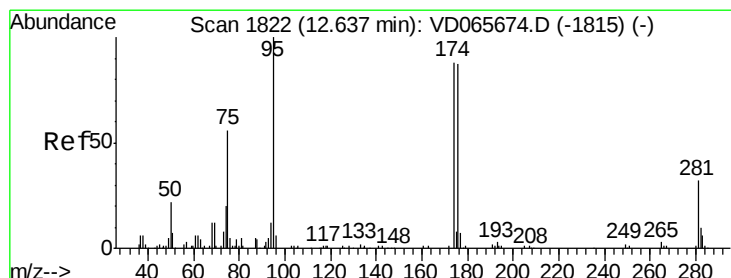
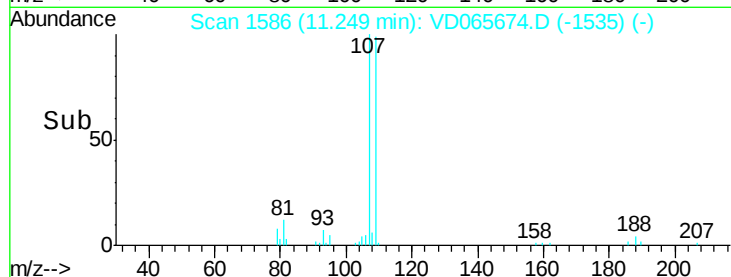
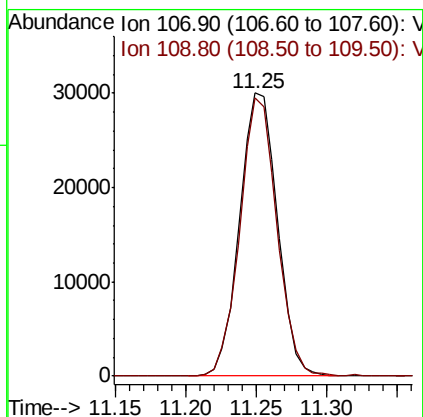
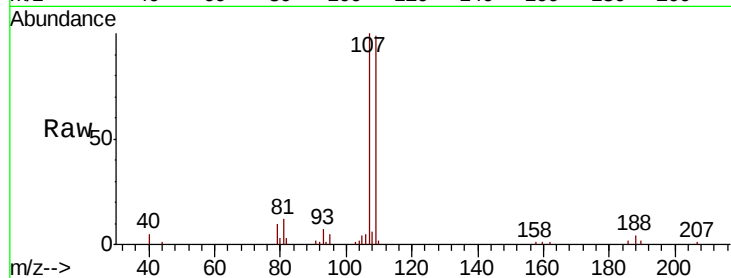




#61
 1,2-Dibromoethane
 Concen: 48.371 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

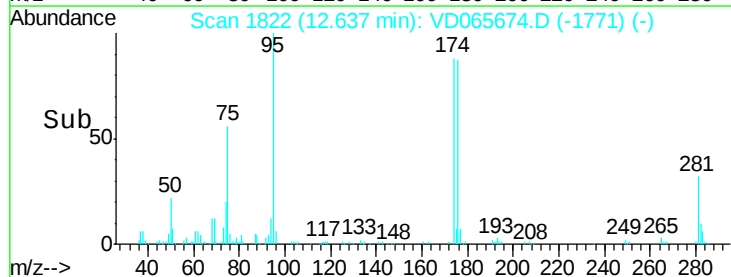
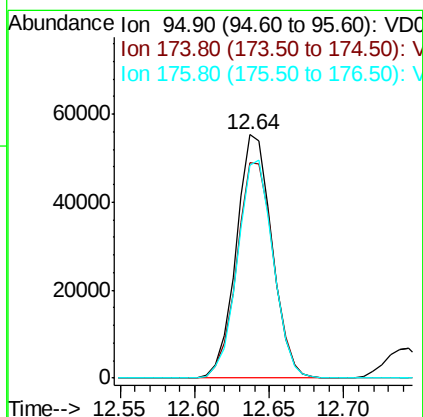
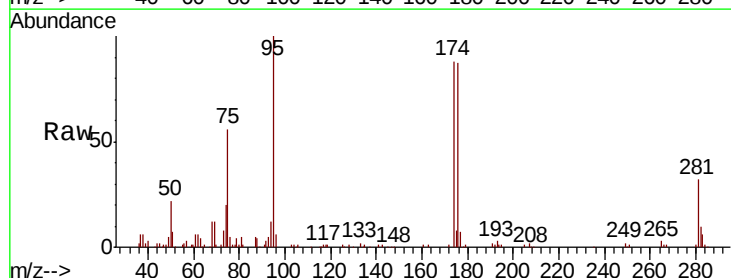
Instrument :
 MSVOA_D
 ClientSampleId :

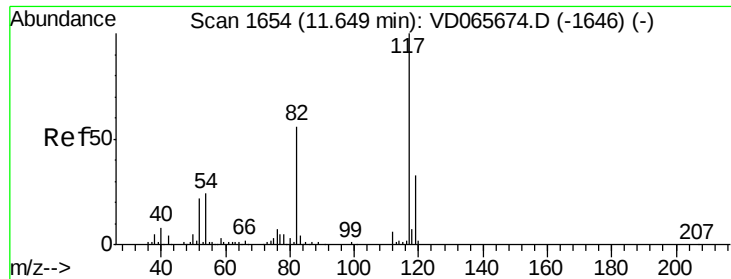
Tot Ion:107 Resp: 56286
 Ion Ratio Lower Upper
 107 100
 109 96.5 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 49.641 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 95 Resp: 91972
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 181.0
 176 89.0 0.0 178.0

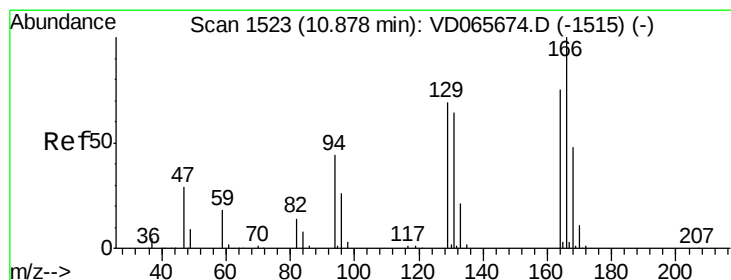
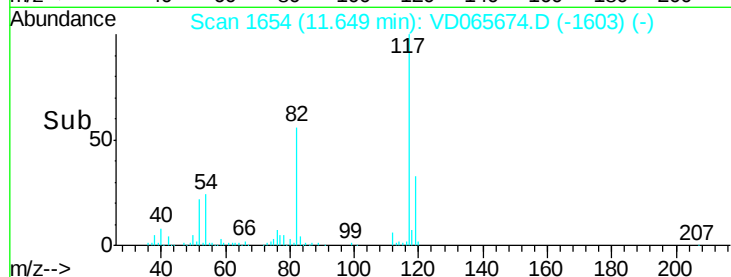
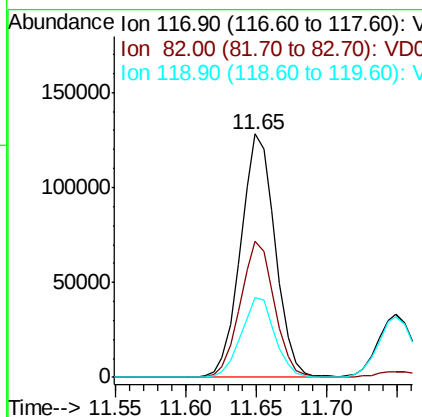
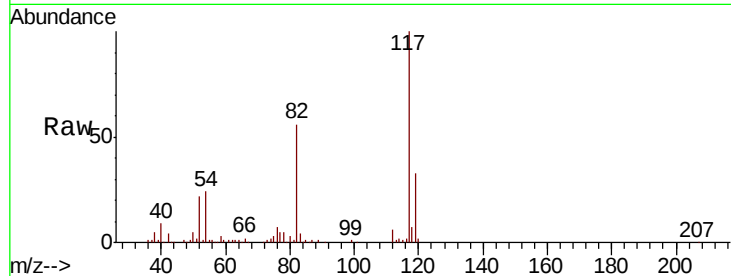




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

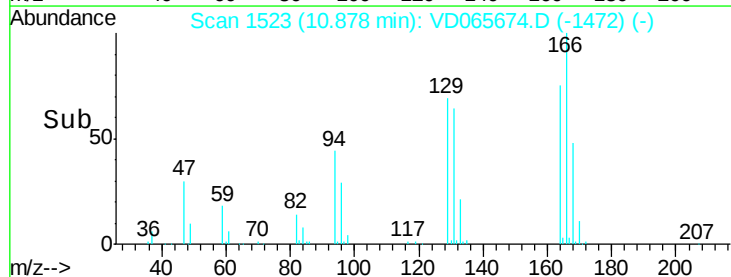
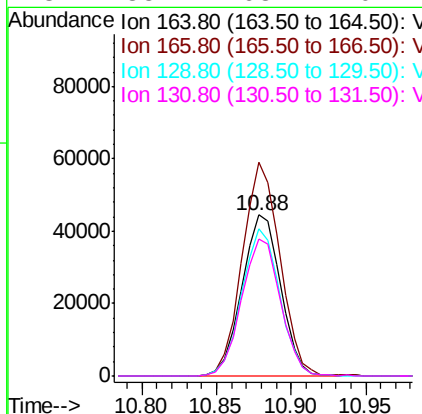
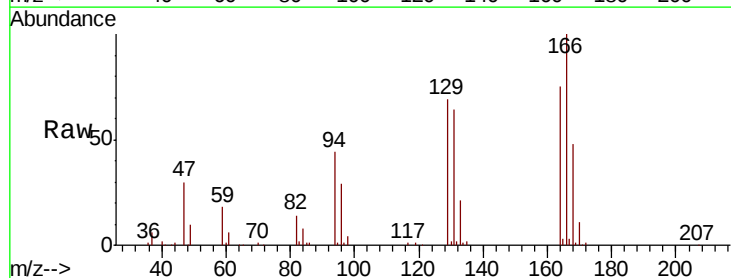
Instrument :
MSVOA_D
ClientSampleId :

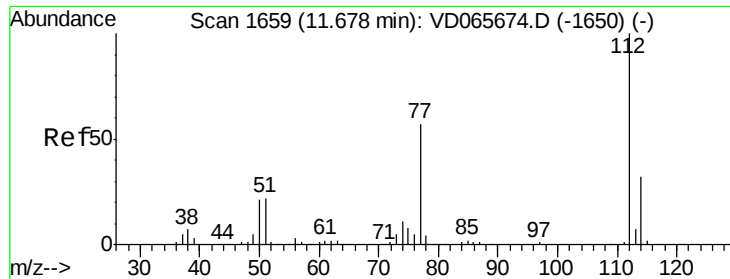
Tot Ion:117 Resp: 219686
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 47.233 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion:164 Resp: 79782
Ion Ratio Lower Upper
164 100
166 132.6 106.1 159.1
129 91.2 73.0 109.4
131 85.1 68.1 102.1





#65

Chlorobenzene

Concen: 47.999 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

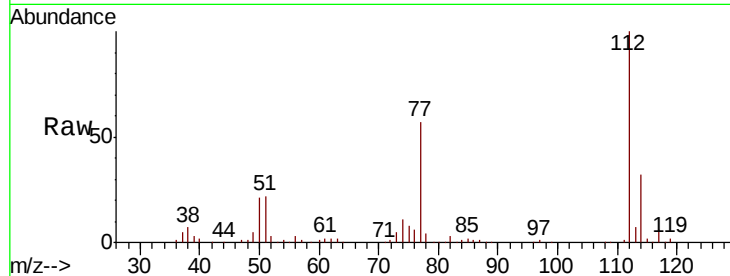
ClientSampled :

Tot Ion:112 Resp: 224540

Ion Ratio Lower Upper

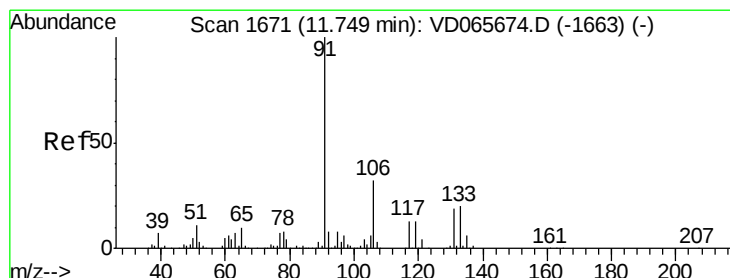
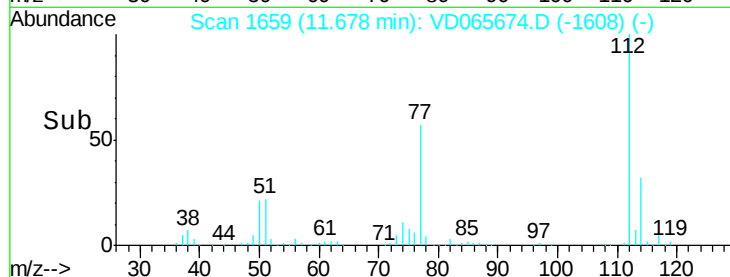
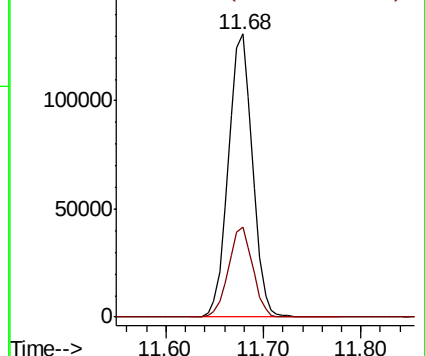
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.431 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

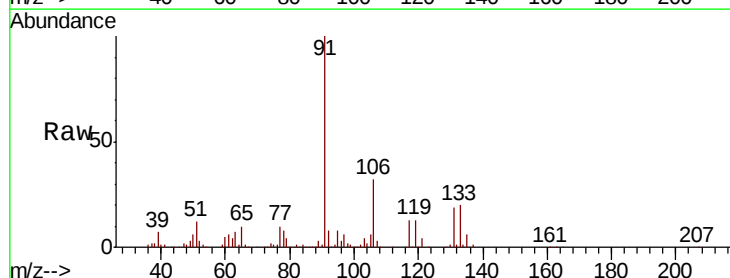
Tgt Ion:131 Resp: 85725

Ion Ratio Lower Upper

131 100

133 97.8 48.9 146.7

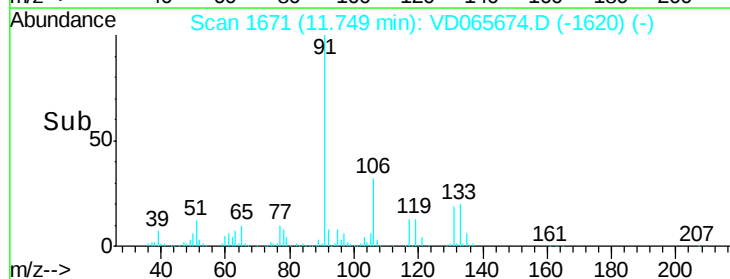
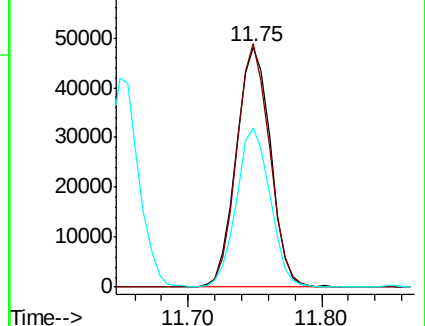
119 65.1 32.6 97.7

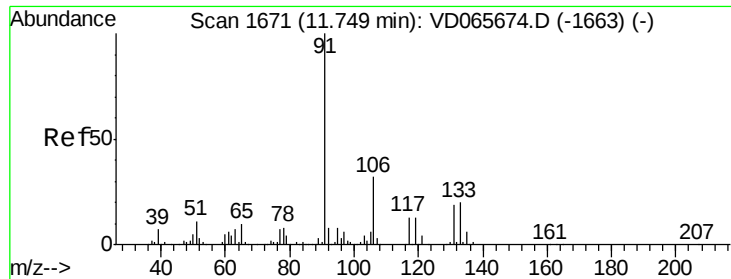


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

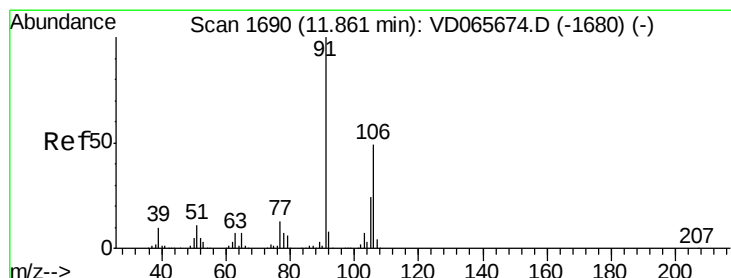
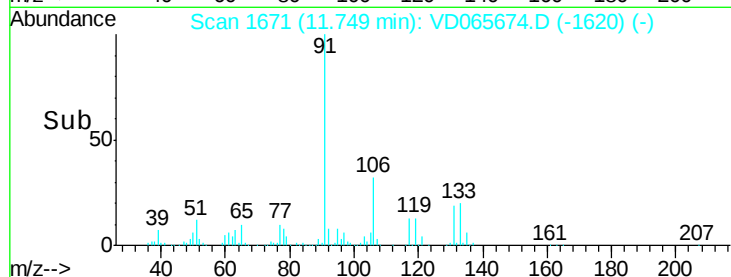
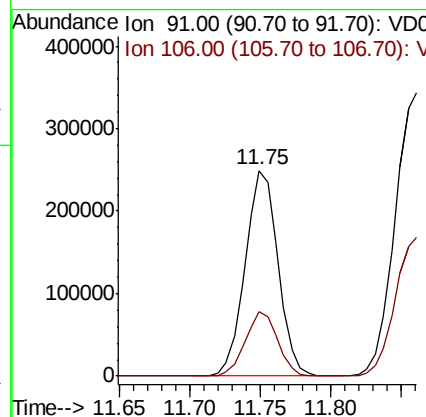
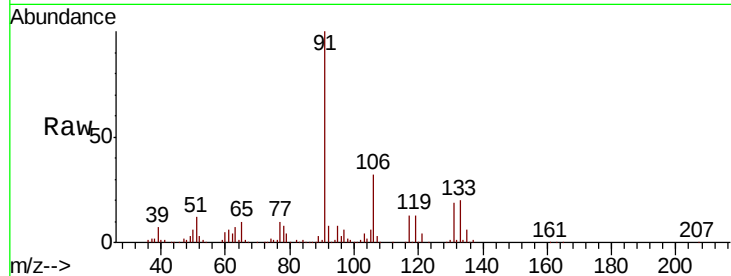




#67
Ethyl Benzene
Concen: 53.870 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

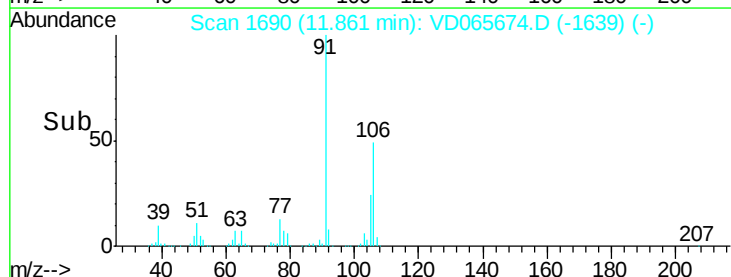
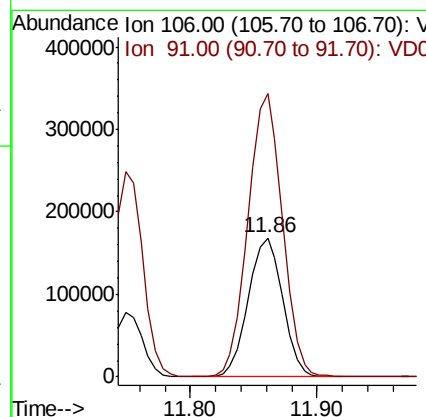
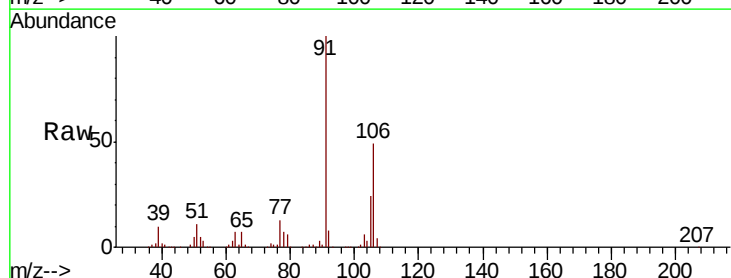
Instrument :
MSVOA_D
ClientSampleId :

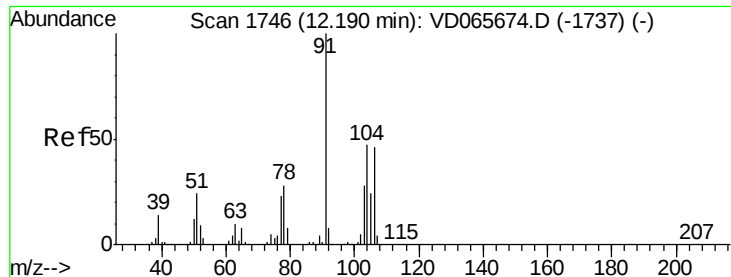
Tot Ion: 91 Resp: 406657
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 107.964 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 106 Resp: 317532
Ion Ratio Lower Upper
106 100
91 204.5 163.6 245.4

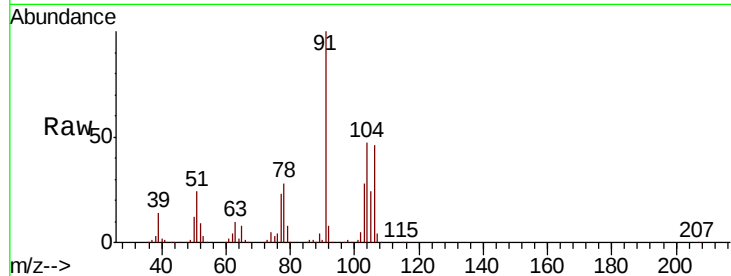




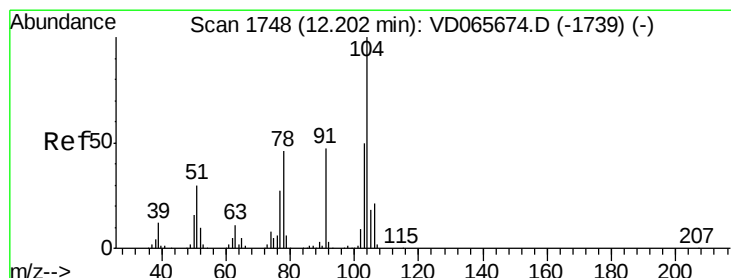
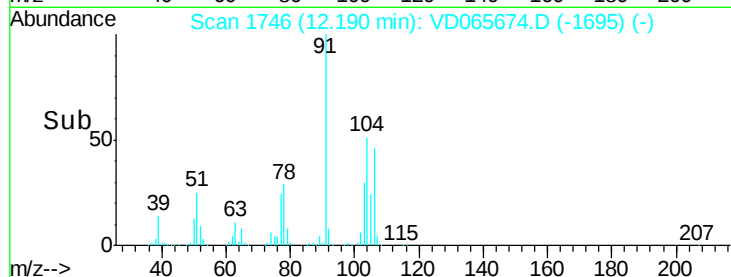
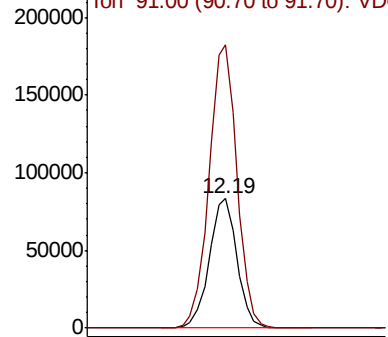
#69
o-Xylene
Concen: 54.171 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 133514
Ion Ratio Lower Upper
106 100
91 219.9 109.9 329.8

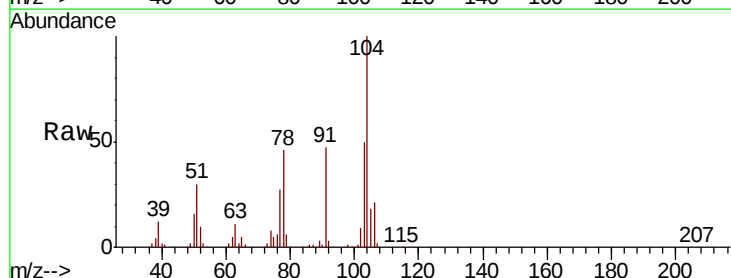


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

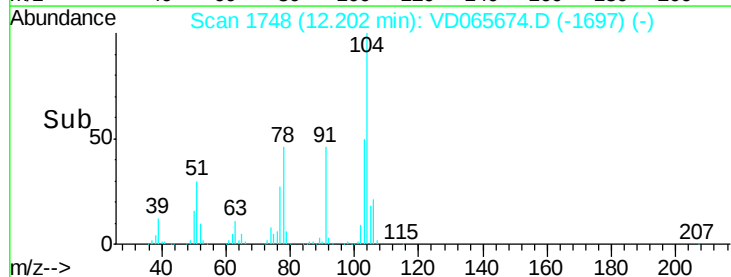
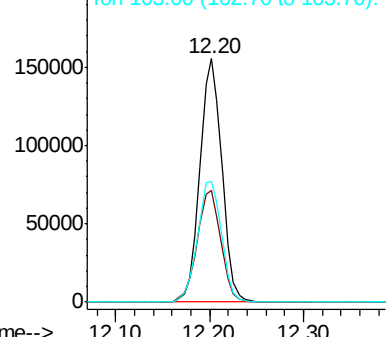


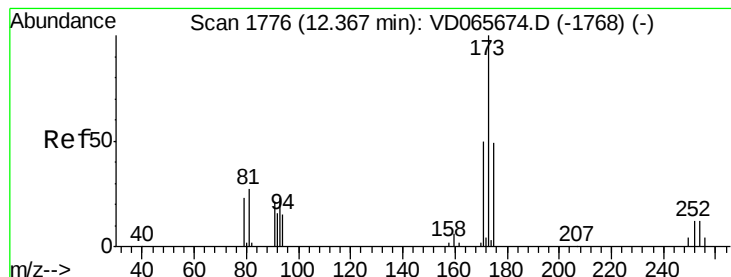
#70
Styrene
Concen: 56.427 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion:104 Resp: 251884
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 54.6 43.7 65.5



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





#71

Bromoform

Concen: 47.590 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

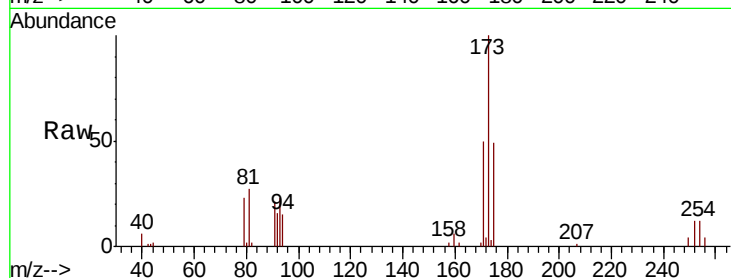
Tot Ion:173 Resp: 48100

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

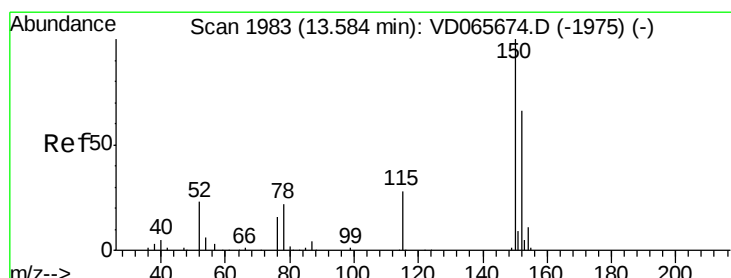
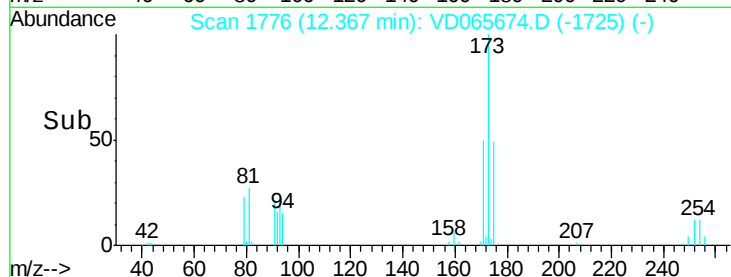
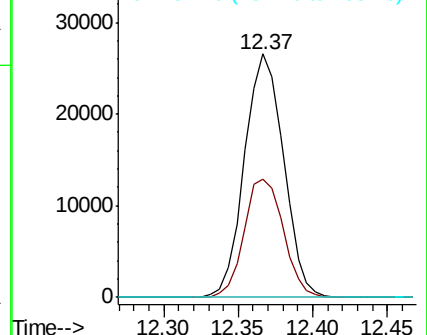
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

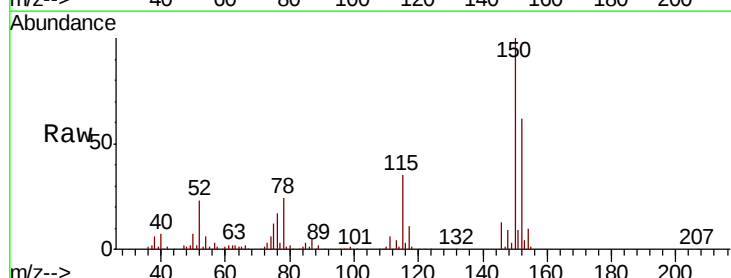
Tgt Ion:152 Resp: 119061

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

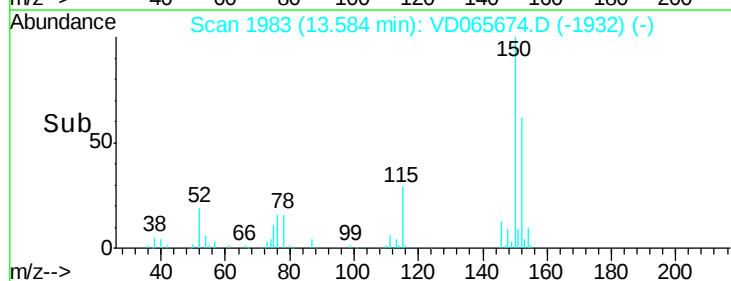
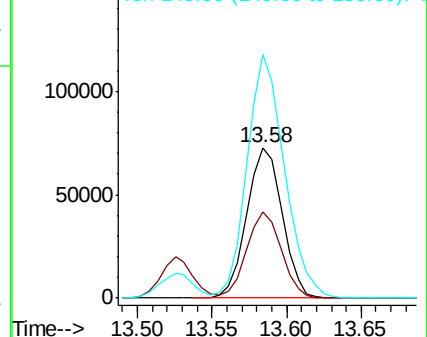
150 171.6 0.0 343.2

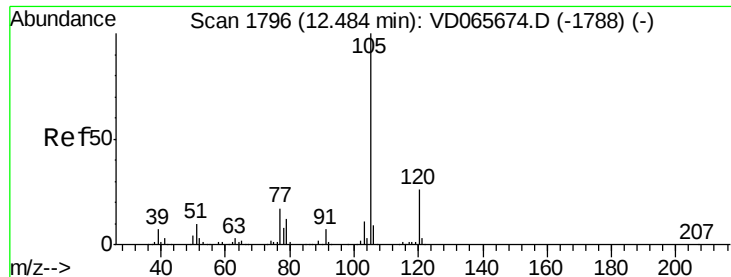


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.357 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

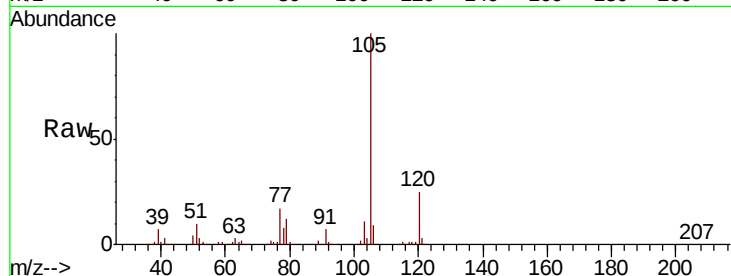
ClientSampled :

Tot Ion:105 Resp: 377552

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

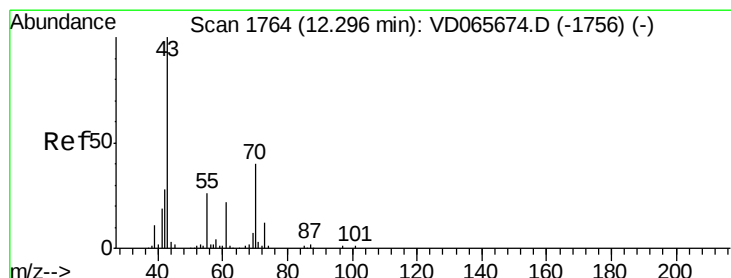
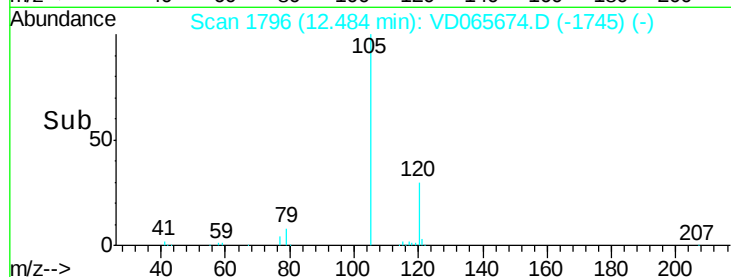
0

12.40

12.50

12.60

Time-->



#74

N-ethyl acetate

Concen: 54.065 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Tgt Ion: 43 Resp: 84634

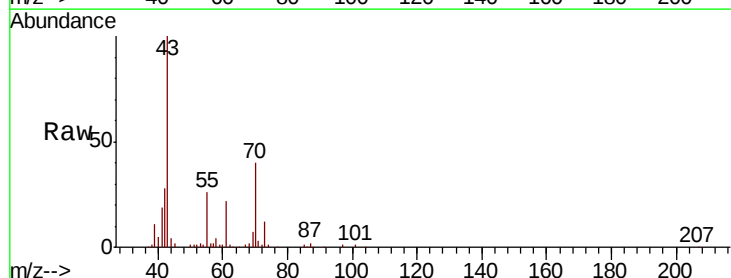
Ion Ratio Lower Upper

43 100

70 40.3 32.2 48.4

55 26.8 21.4 32.2

61 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

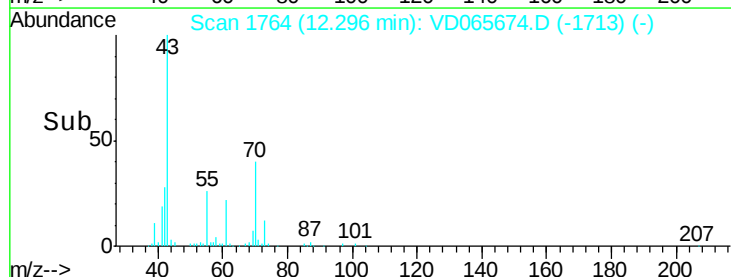
0

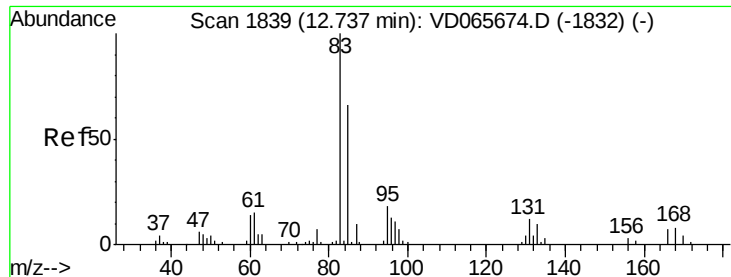
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.472 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

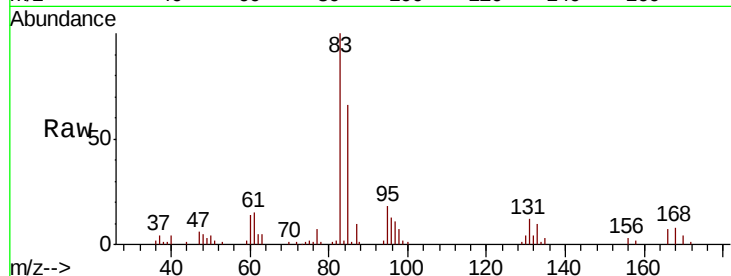
Tot Ion: 83 Resp: 63548

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

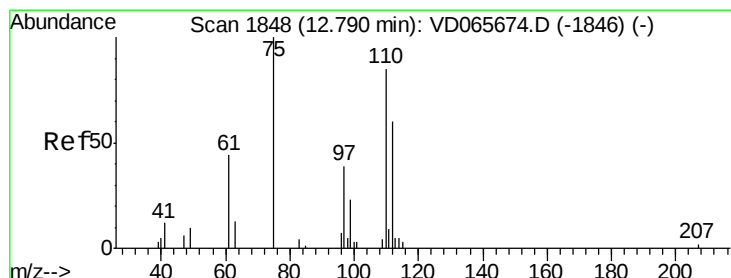
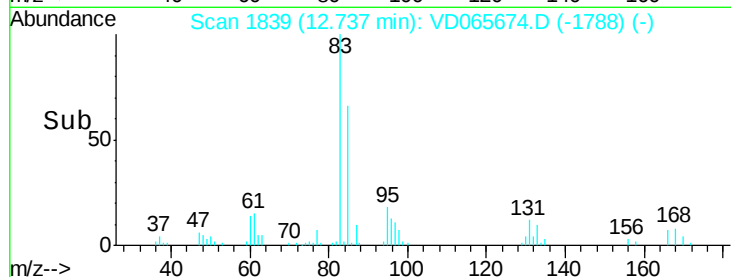
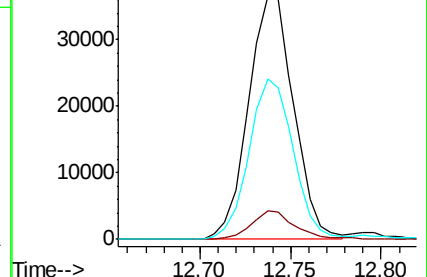
85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 83.644 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065674.D

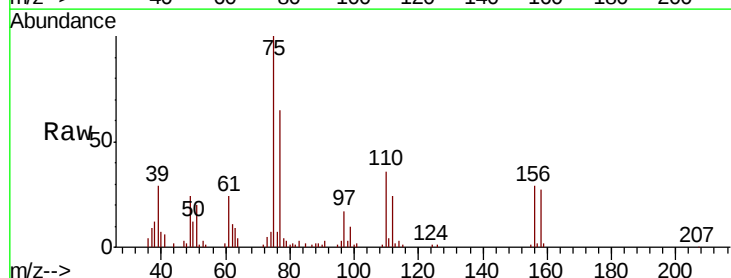
Acq: 24 Apr 2020 13:30

Tgt Ion: 75 Resp: 88128

Ion Ratio Lower Upper

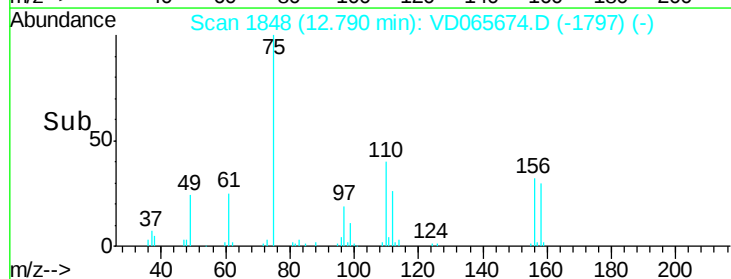
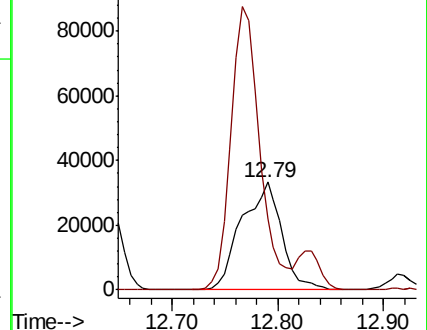
75 100

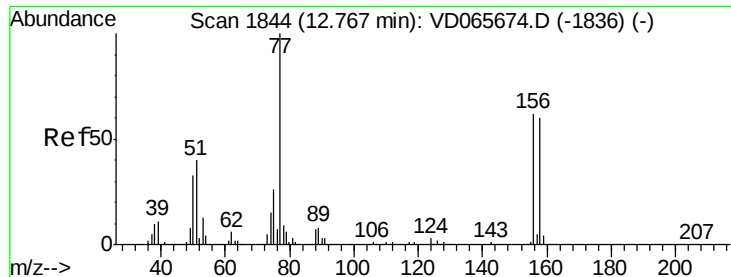
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.512 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampled :

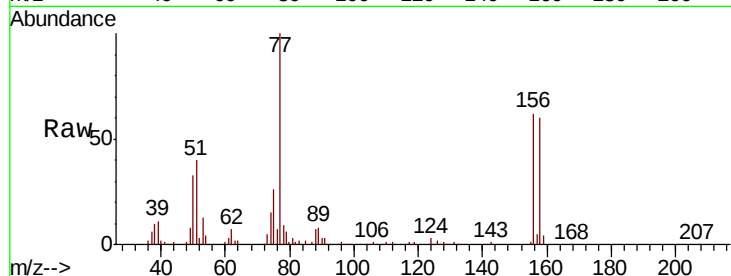
Tot Ion:156 Resp: 95244

Ion Ratio Lower Upper

156 100

77 174.6 87.3 261.9

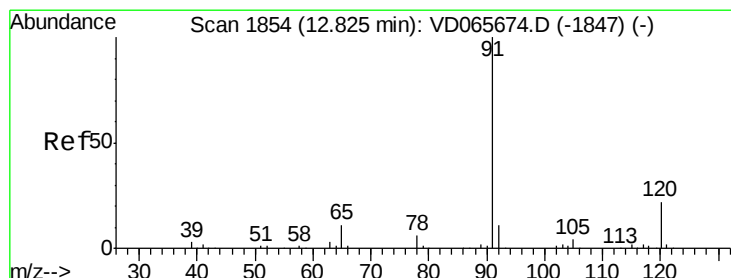
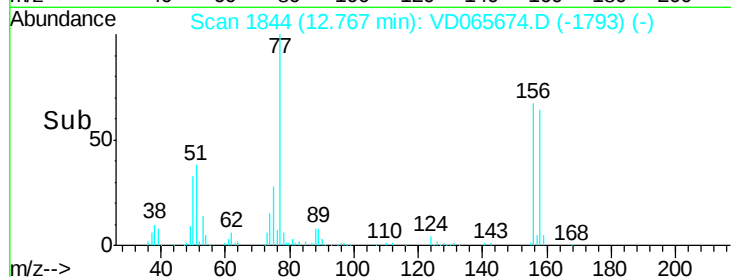
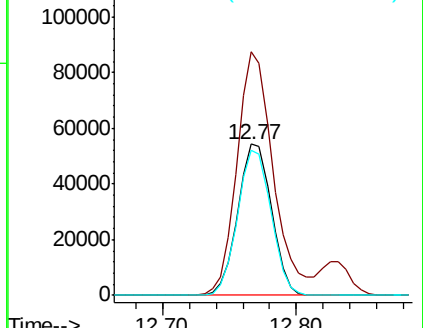
158 95.6 47.8 143.4



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: 53.122 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065674.D

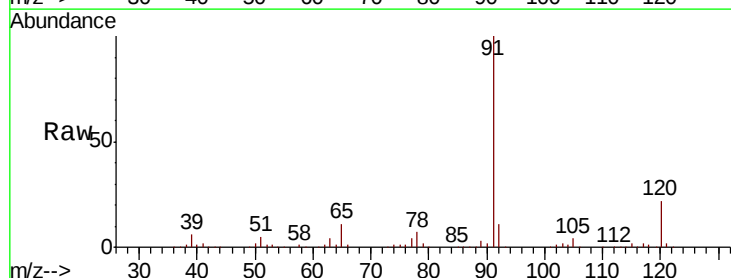
Acq: 24 Apr 2020 13:30

Tgt Ion: 91 Resp: 463221

Ion Ratio Lower Upper

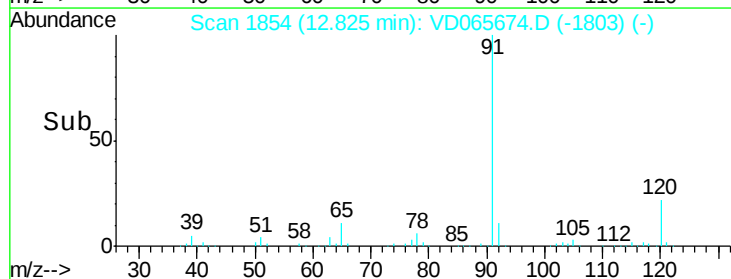
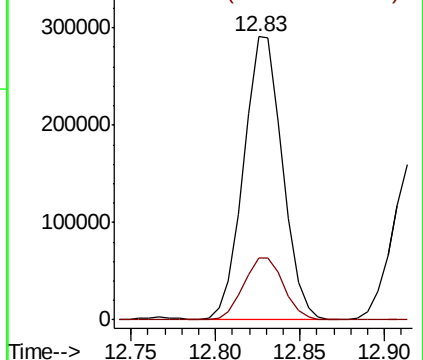
91 100

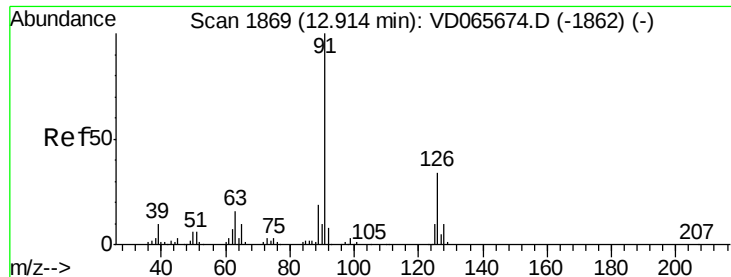
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

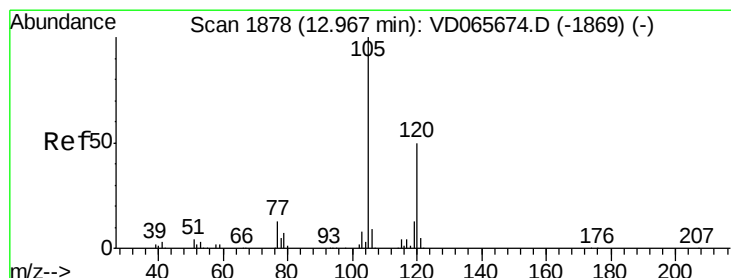
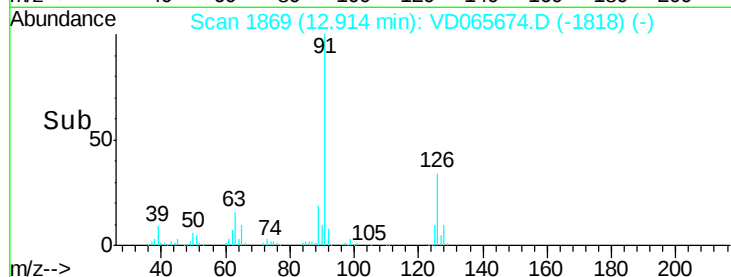
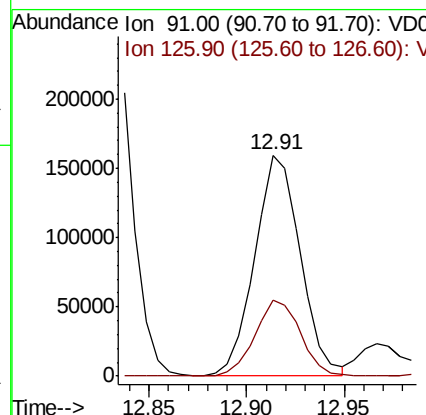
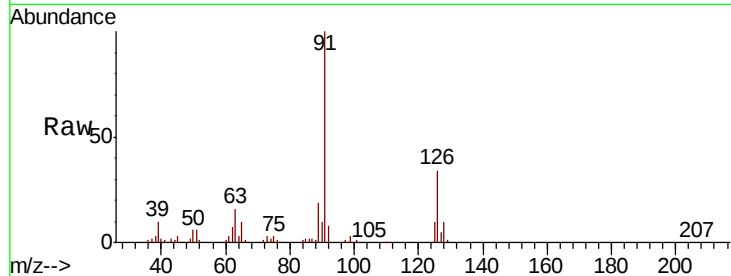




#79
 2-Chlorotoluene
 Concen: 51.108 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

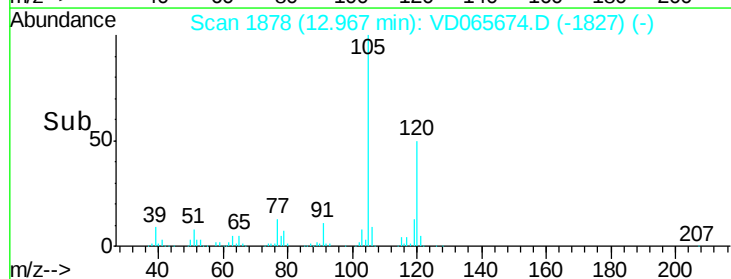
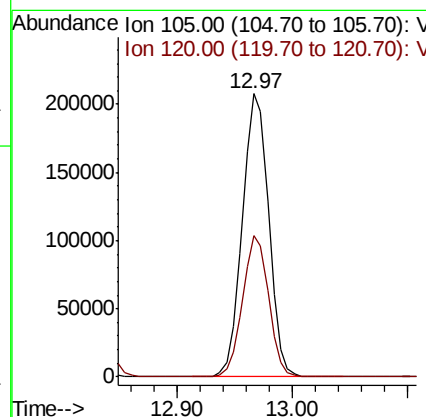
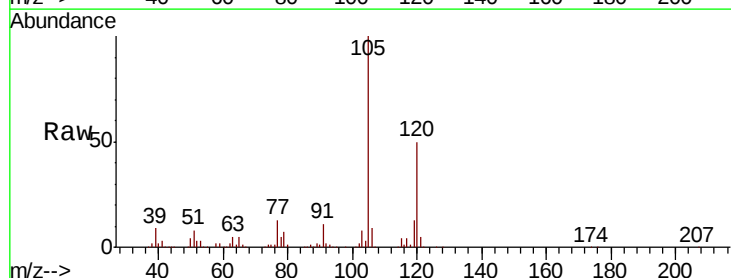
Instrument :
 MSVOA_D
 ClientSampleId :

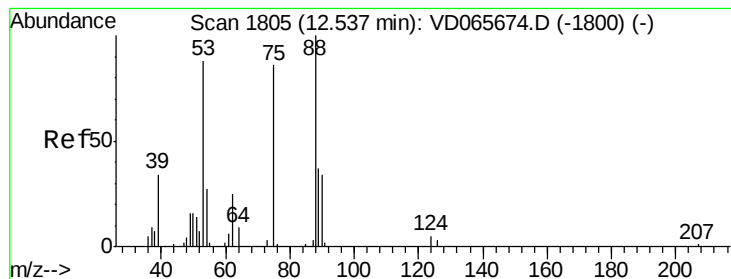
Tot Ion: 91 Resp: 258465
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 55.146 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion:105 Resp: 328353
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.758 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

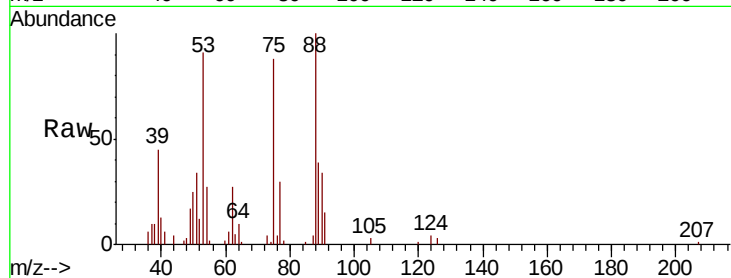
Tot Ion: 75 Resp: 21849

Ion Ratio Lower Upper

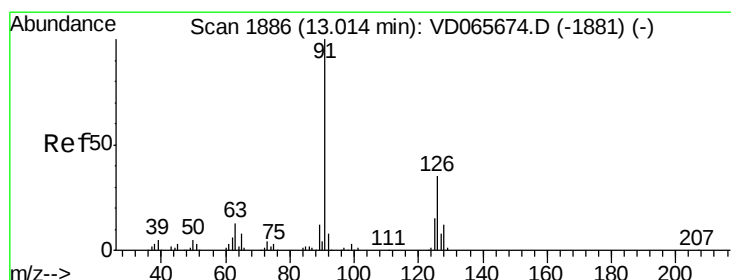
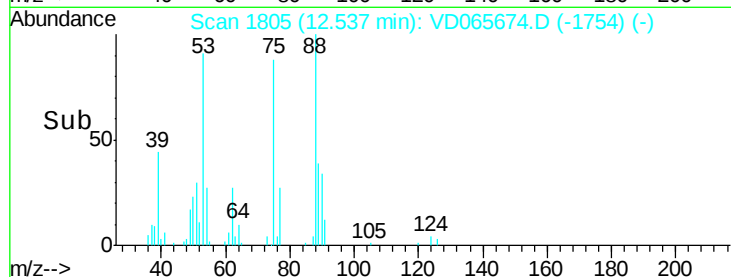
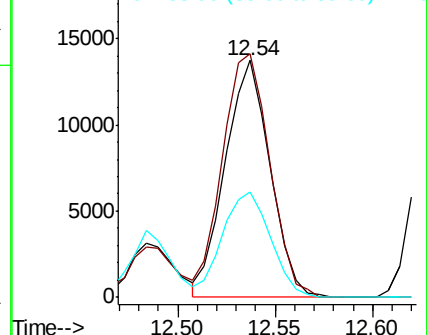
75 100

53 108.2 86.6 129.8

89 47.8 38.2 57.4



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



#82

4-Chlorotoluene

Concen: 51.126 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065674.D

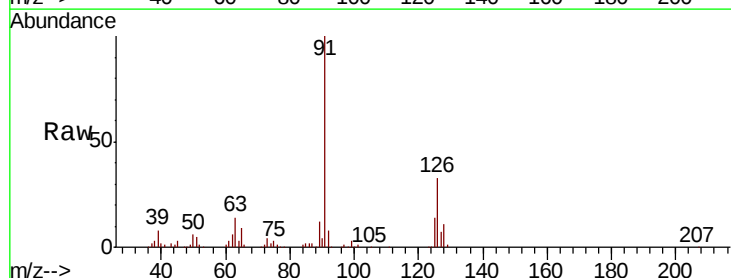
Acq: 24 Apr 2020 13:30

Tgt Ion: 91 Resp: 281097

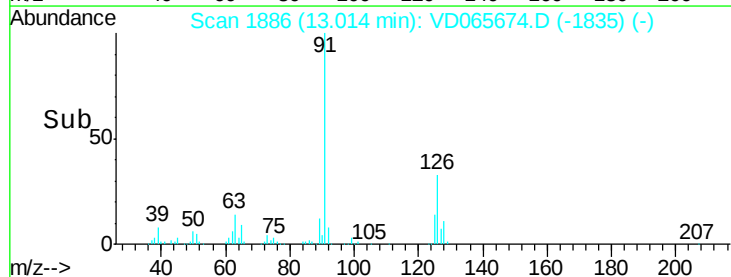
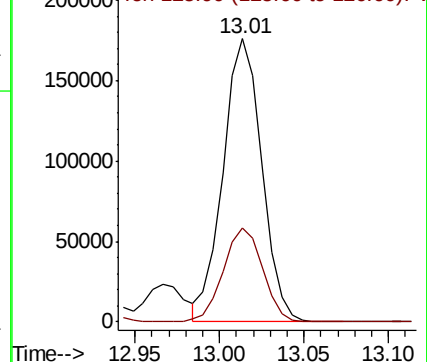
Ion Ratio Lower Upper

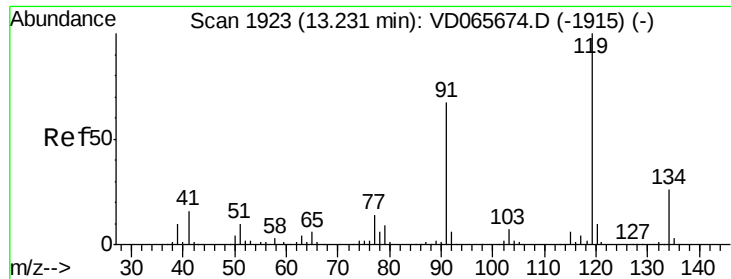
91 100

126 33.6 16.8 50.4



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

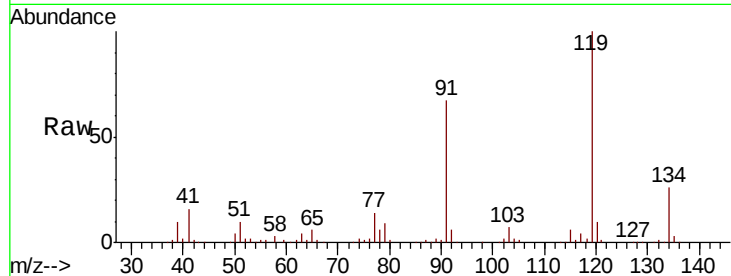




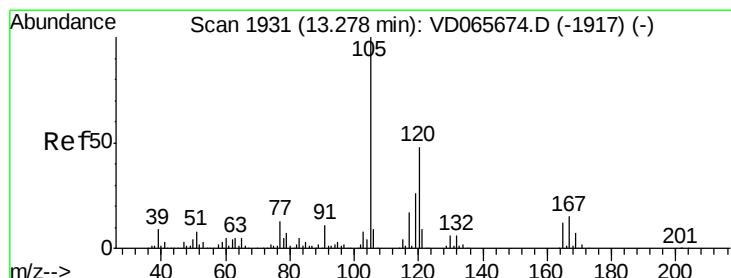
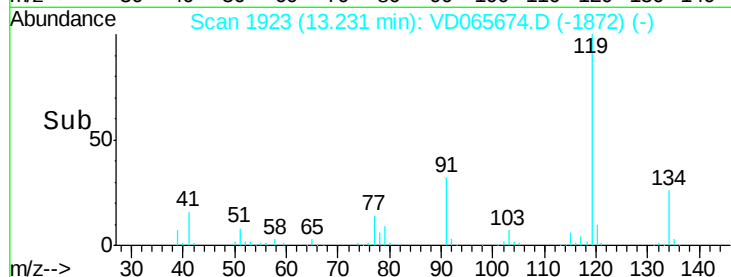
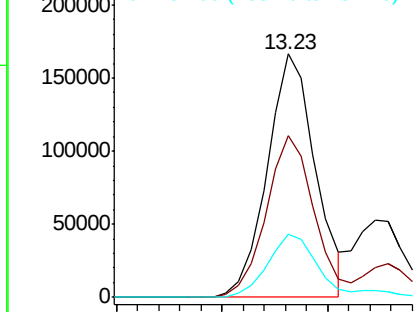
#83
tert-Butylbenzene
Concen: 54.842 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 263020
Ion Ratio Lower Upper
119 100
91 66.6 33.3 99.9
134 28.4 14.2 42.6

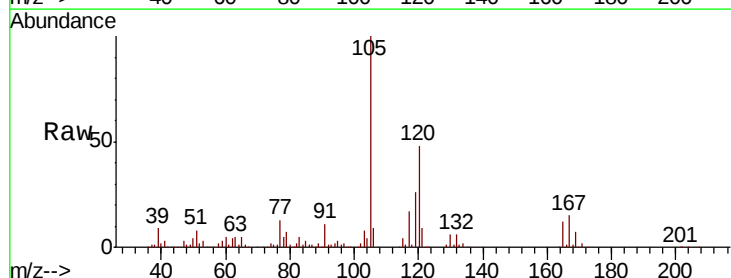


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

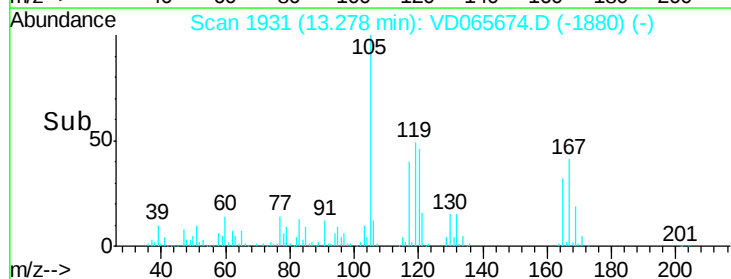
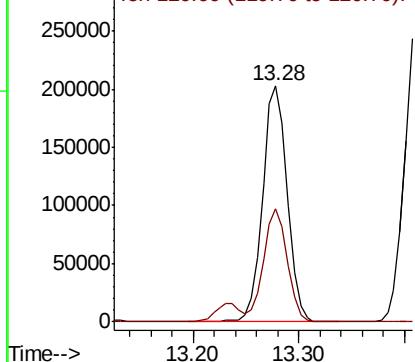


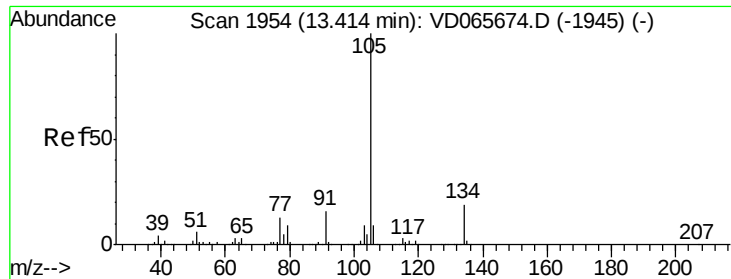
#84
1,2,4-Trimethylbenzene
Concen: 55.544 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion:105 Resp: 327747
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.274 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

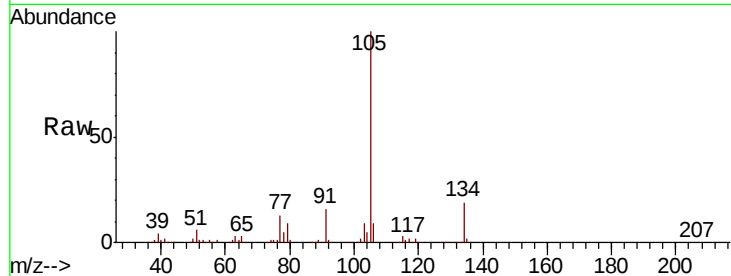
ClientSampled :

Tot Ion:105 Resp: 382737

Ion Ratio Lower Upper

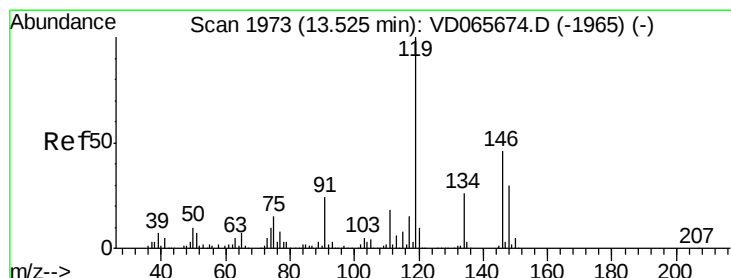
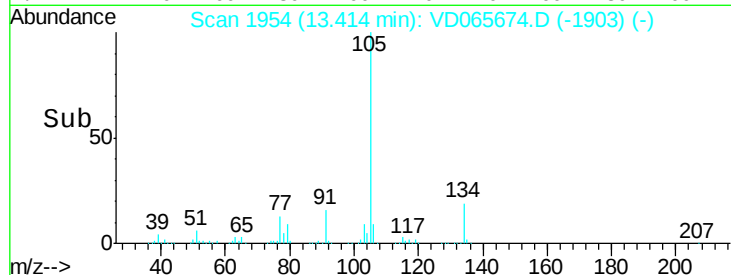
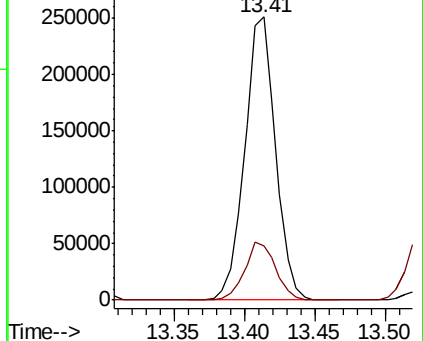
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.916 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

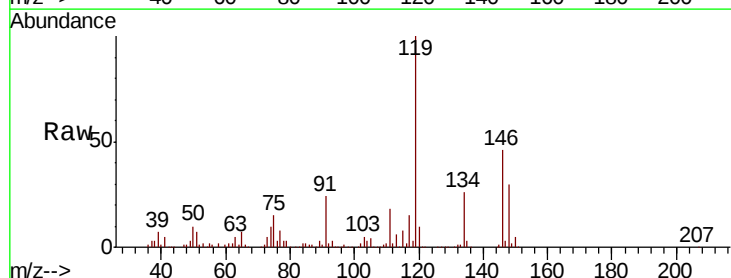
Tgt Ion:119 Resp: 362719

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

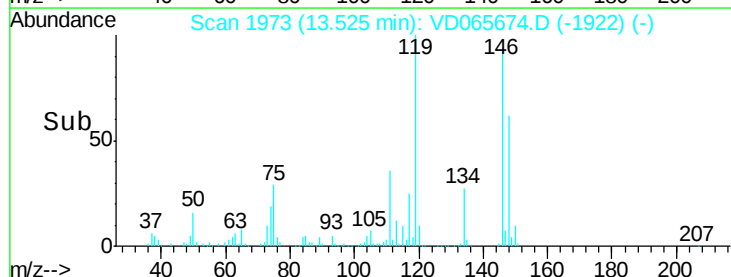
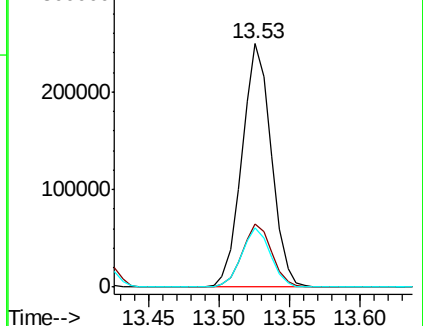
91 24.0 12.0 36.0

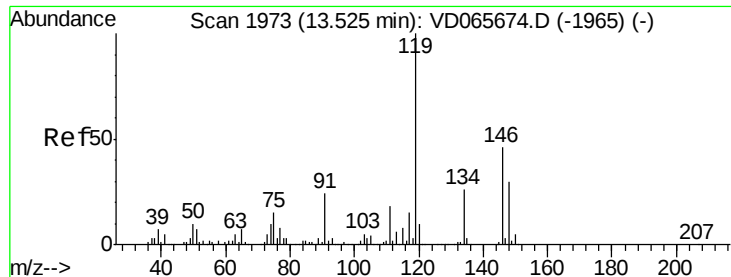


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.538 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

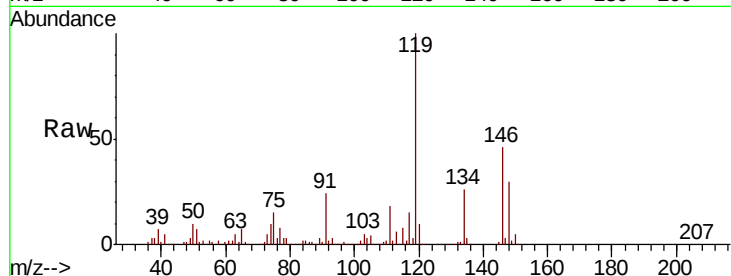
Tot Ion:146 Resp: 184628

Ion Ratio Lower Upper

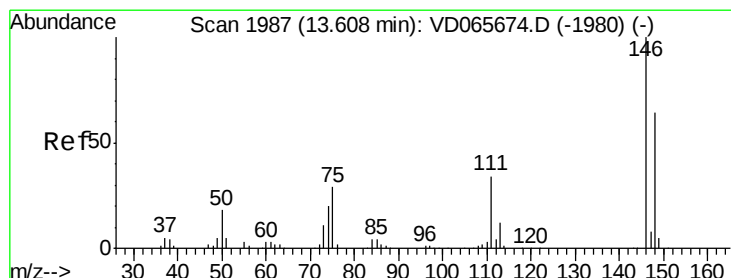
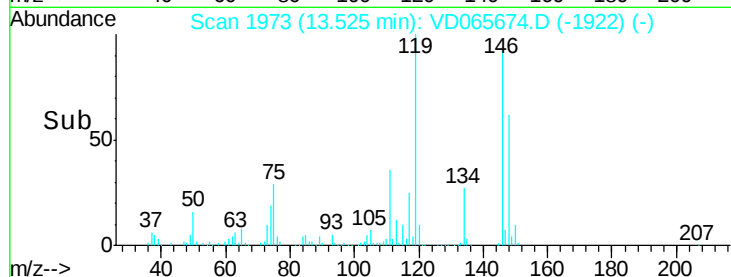
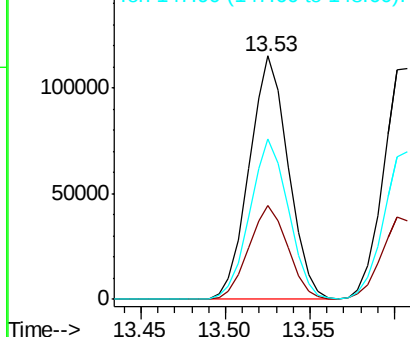
146 100

111 38.6 19.3 57.9

148 65.2 32.6 97.8



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



#88

1,4-Dichlorobenzene

Concen: 47.244 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

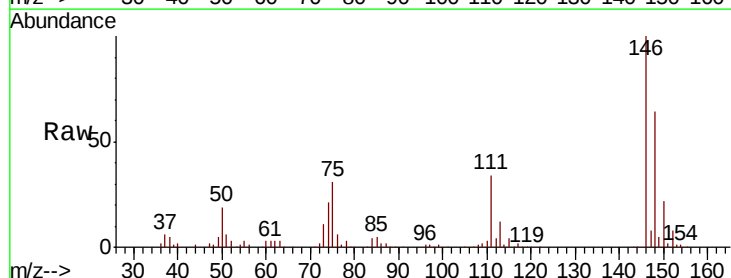
Tgt Ion:146 Resp: 182031

Ion Ratio Lower Upper

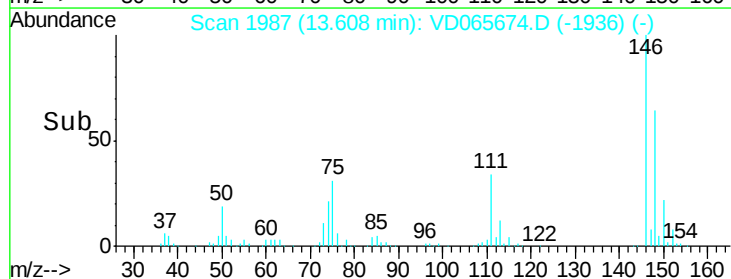
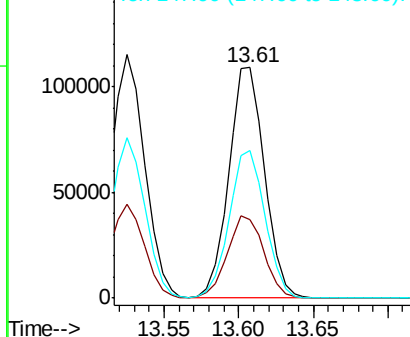
146 100

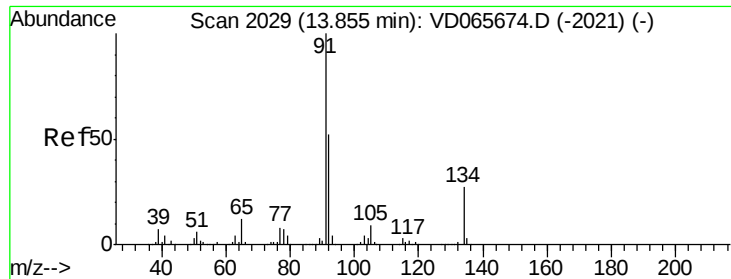
111 36.5 18.3 54.8

148 64.3 32.1 96.5



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

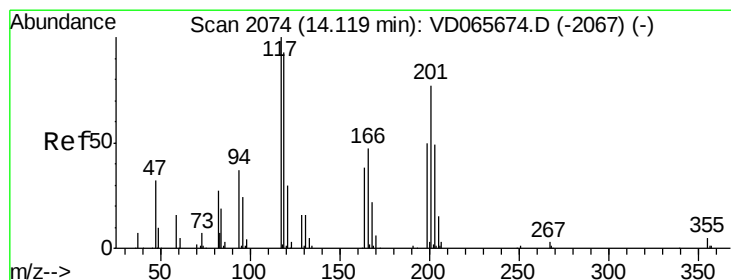
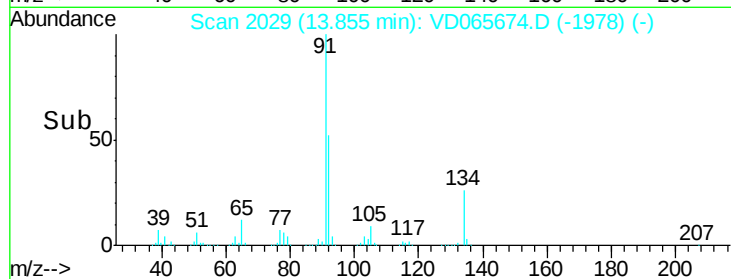
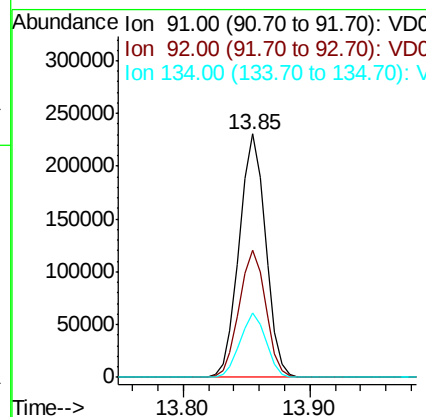
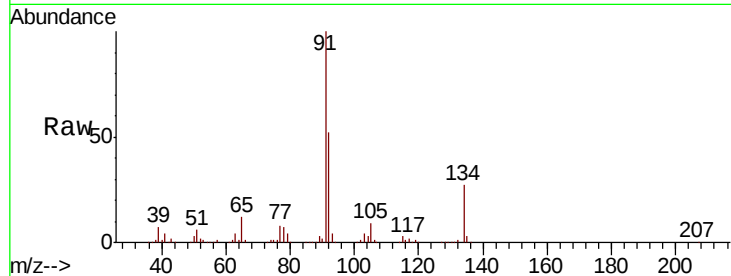




#89
n-Butylbenzene
Concen: 54.343 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

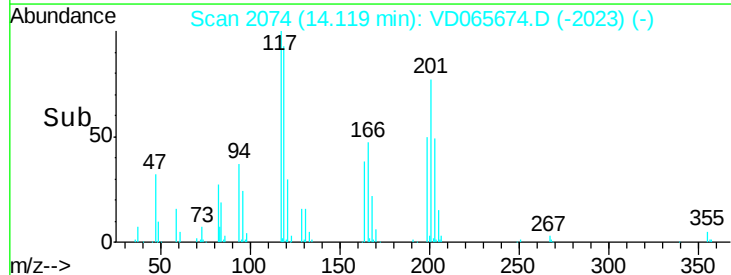
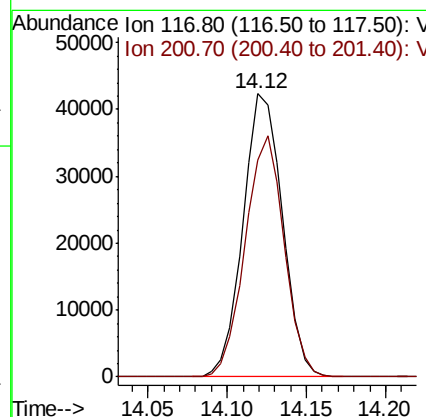
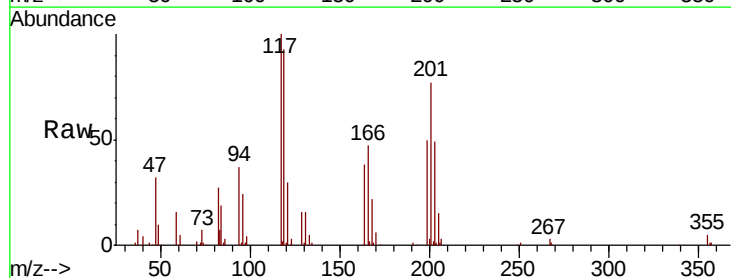
Instrument :
MSVOA_D
ClientSampleId :

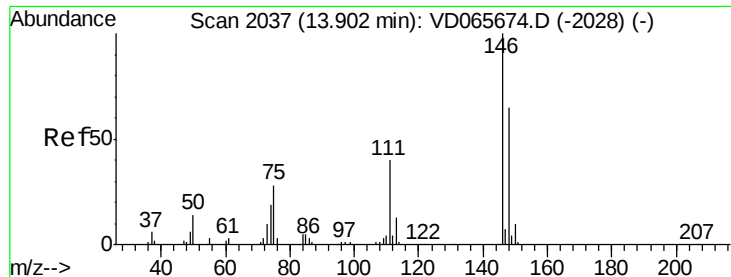
Tot Ion: 91 Resp: 332348
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 47.029 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 117 Resp: 73221
Ion Ratio Lower Upper
117 100
201 84.2 42.1 126.3





#91

1,2-Dichlorobenzene

Concen: 47.891 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

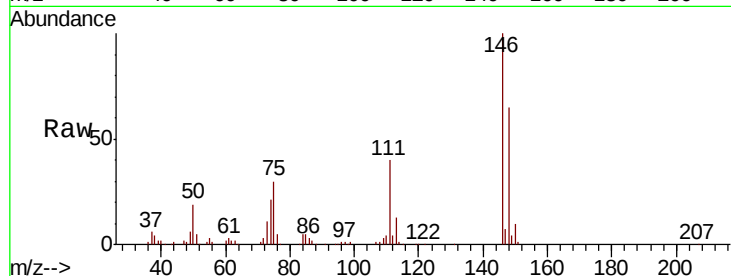
Tot Ion:146 Resp: 157892

Ion Ratio Lower Upper

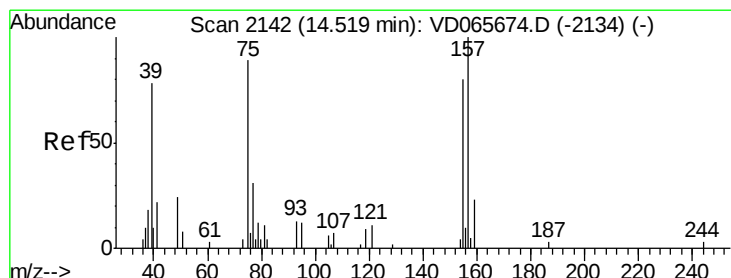
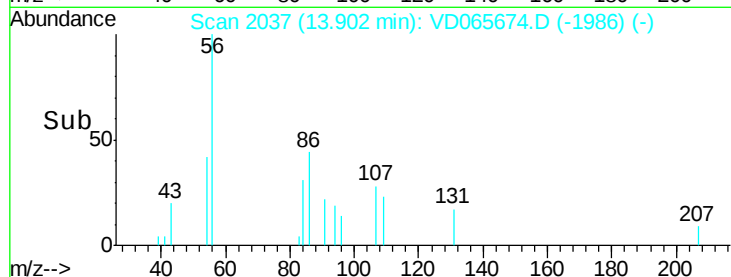
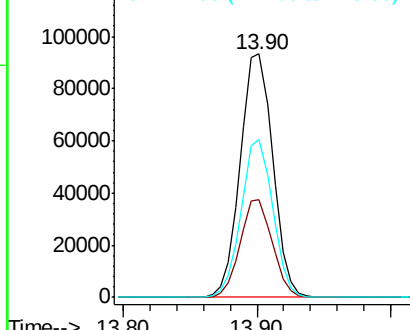
146 100

111 39.5 19.8 59.3

148 63.0 31.5 94.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.171 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065674.D

Acq: 24 Apr 2020 13:30

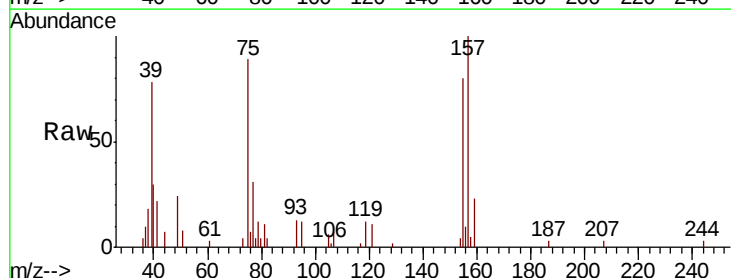
Tgt Ion: 75 Resp: 10507

Ion Ratio Lower Upper

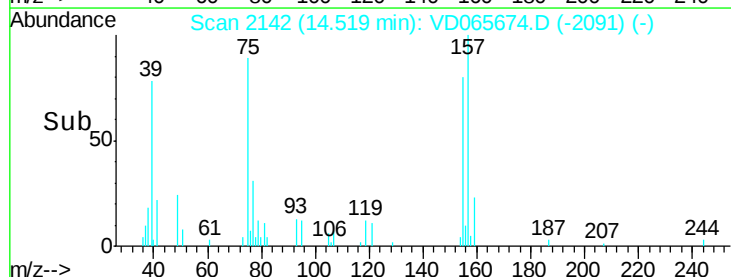
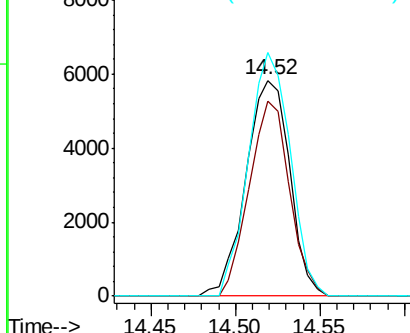
75 100

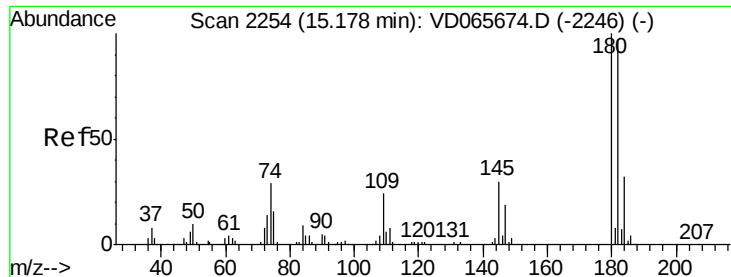
155 83.5 41.8 125.3

157 107.8 53.9 161.7



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

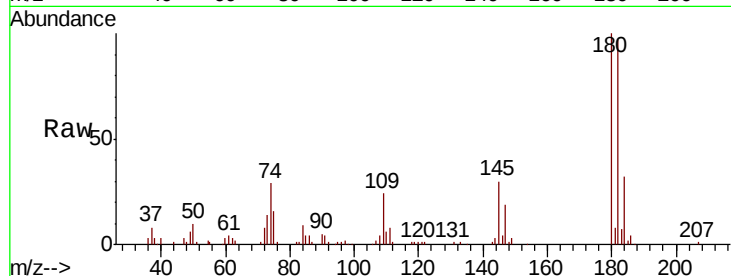




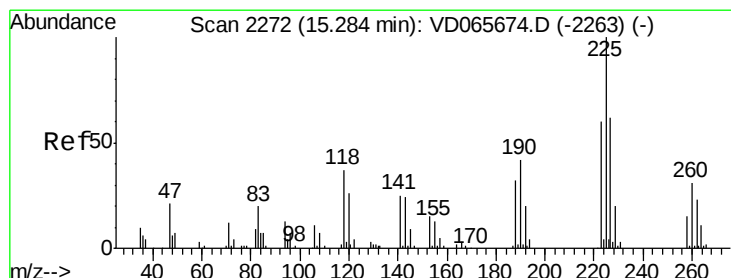
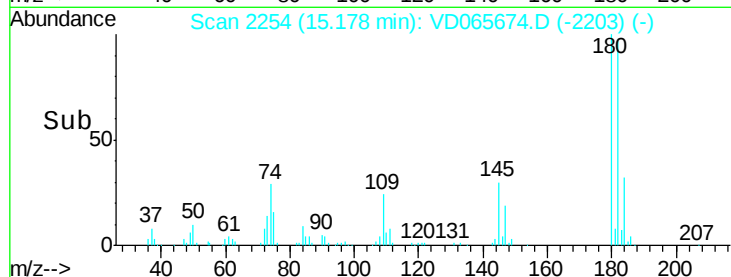
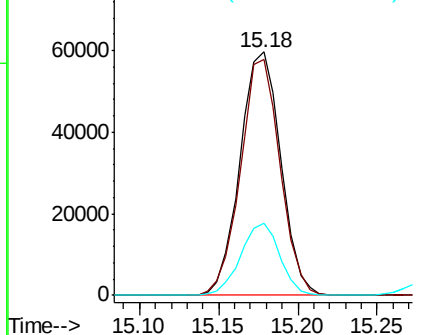
#93
 1,2,4-Trichlorobenzene
 Concen: 51.592 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 106527
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 28.6 14.3 42.9

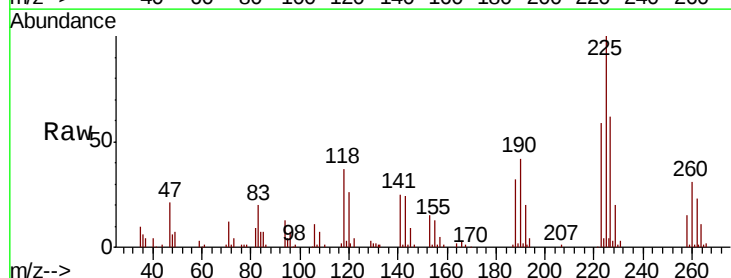


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

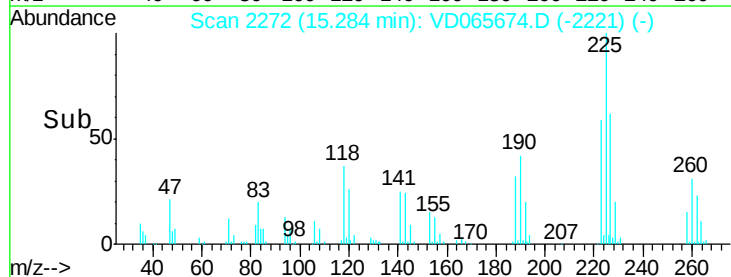
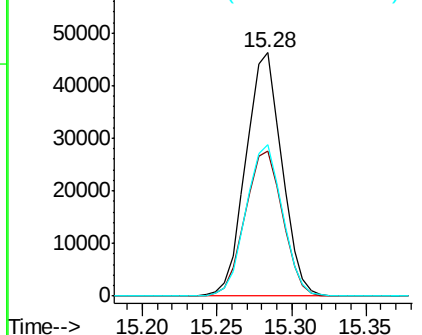


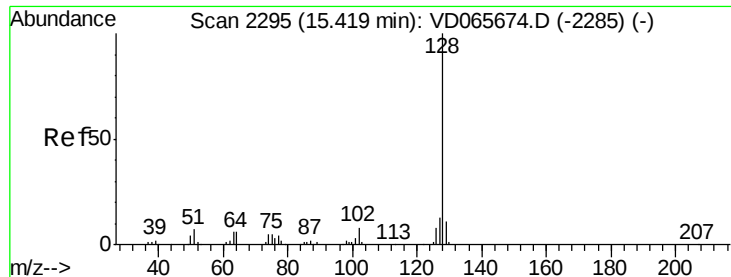
#94
 Hexachlorobutadiene
 Concen: 48.296 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VD065674.D
 Acq: 24 Apr 2020 13:30

Tgt Ion:225 Resp: 77201
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.0 93.0
 227 63.2 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

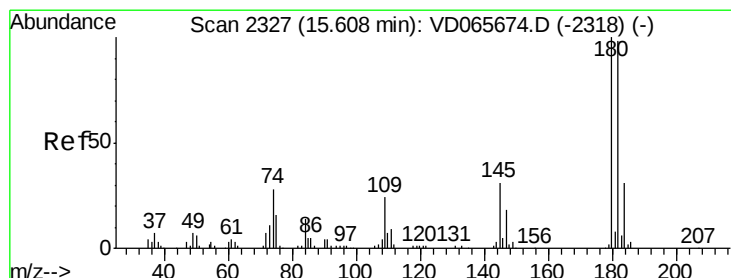
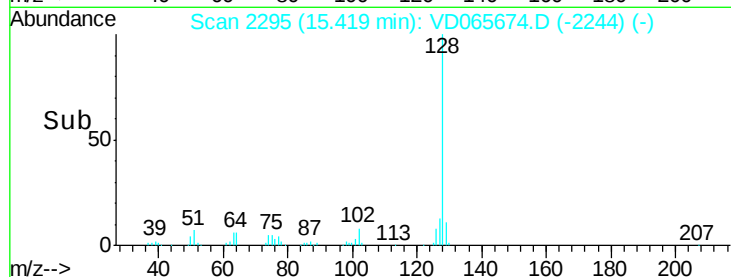
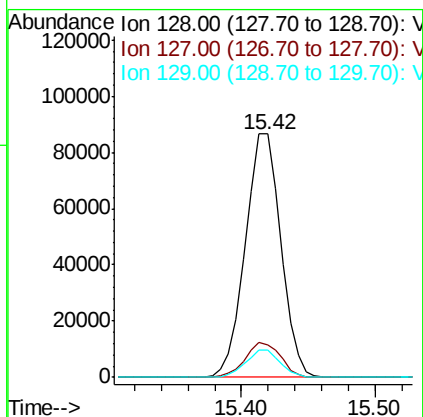
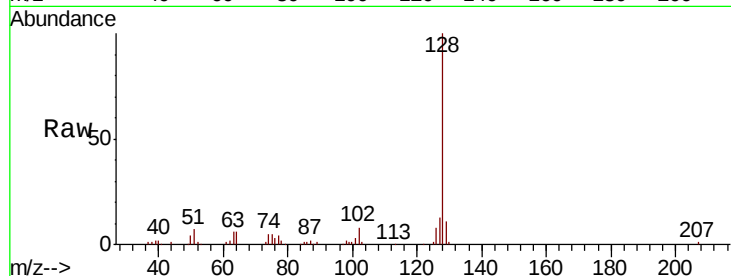




#95
Naphthalene
Concen: 55.865 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 159272
Ion Ratio Lower Upper
128 100
127 14.2 11.4 17.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.790 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065674.D
Acq: 24 Apr 2020 13:30

Tgt Ion:180 Resp: 94158
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.2 15.6 46.8

