

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065677.D
 Acq On : 24 Apr 2020 15:49
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD042420

Quant Time: Apr 24 17:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 14:44:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	295530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	271261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	92579	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	7.91	113	89033	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	10.34	98	336234	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.64	95	111233	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	103582	51.919	ug/l	99
3) Chloromethane	2.21	50	114020	46.896	ug/l	100
4) Vinyl Chloride	2.35	62	128308	47.814	ug/l	99
5) Bromomethane	2.77	94	73655	46.277	ug/l	100
6) Chloroethane	2.93	64	73508	45.663	ug/l	94
7) Trichlorofluoromethane	3.27	101	170736	46.227	ug/l	100
8) Diethyl Ether	3.70	74	46611	42.857	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	102768	46.892	ug/l	100
10) Methyl Iodide	4.29	142	93660	48.698	ug/l	97
11) Tert butyl alcohol	5.26	59	23801	234.340	ug/l	100
12) 1,1-Dichloroethene	4.06	96	98220	45.329	ug/l	98
13) Acrolein	3.92	56	34479	216.880	ug/l	99
14) Allyl chloride	4.71	41	163495	53.922	ug/l	95
15) Acrylonitrile	5.43	53	100327	237.862	ug/l	99
16) Acetone	4.16	43	122717	292.741	ug/l	99
17) Carbon Disulfide	4.39	76	298352	50.824	ug/l	99
18) Methyl Acetate	4.72	43	52891	46.889	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	198997	50.780	ug/l	99
20) Methylene Chloride	4.96	84	101583	46.734	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	111236	52.025	ug/l	97
22) Diisopropyl ether	6.37	45	318994	50.436	ug/l	97
23) Vinyl Acetate	6.31	43	880644	229.645	ug/l	98
24) 1,1-Dichloroethane	6.26	63	189271	47.563	ug/l	99
25) 2-Butanone	7.22	43	140407	241.621	ug/l	97
26) 2,2-Dichloropropane	7.20	77	179082	48.685	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	113123	48.912	ug/l	99
28) Bromochloromethane	7.55	49	71601	44.921	ug/l	98
29) Tetrahydrofuran	7.57	42	79986	226.048	ug/l	98
30) Chloroform	7.71	83	193552	46.229	ug/l	99
31) Cyclohexane	7.99	56	186491	49.254	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	182921	47.771	ug/l	99
36) 1,1-Dichloropropene	8.11	75	161295	50.993	ug/l	99
37) Ethyl Acetate	7.30	43	58964	46.232	ug/l	99
38) Carbon Tetrachloride	8.09	117	170164	48.124	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	188928	54.420	ug/l	98
40) Benzene	8.35	78	429889	49.258	ug/l	100
41) Methacrylonitrile	7.53	41	33858	50.311	ug/l #	96
42) 1,2-Dichloroethane	8.43	62	124481	46.404	ug/l	97
43) Isopropyl Acetate	8.46	43	109948	46.785	ug/l	99
44) Trichloroethene	9.11	130	117814	48.770	ug/l	99
45) 1,2-Dichloropropane	9.39	63	105010	47.774	ug/l	99
46) Dibromomethane	9.48	93	53415	46.827	ug/l	98
47) Bromodichloromethane	9.67	83	146683	47.350	ug/l	100
48) Methyl methacrylate	9.46	41	54204	47.434	ug/l	97
49) 1,4-Dioxane	9.47	88	11570	851.498	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	285078	235.115	ug/l	98
52) Toluene	10.41	92	276466	51.009	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	135317	49.131	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	161645	49.074	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	73170	46.295	ug/l	96
56) Ethyl methacrylate	10.67	69	85374	44.441	ug/l	93
57) 1,3-Dichloropropane	10.95	76	127448	47.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	204059	244.158	ug/l	100
59) 2-Hexanone	10.99	43	206368	248.060	ug/l	98
60) Dibromochloromethane	11.14	129	96982	45.678	ug/l	99
61) 1,2-Dibromoethane	11.25	107	70180	47.355	ug/l	97
64) Tetrachloroethene	10.88	164	104547	50.604	ug/l	97
65) Chlorobenzene	11.67	112	283676	49.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	108073	48.178	ug/l	100
67) Ethyl Benzene	11.75	91	522965	53.091	ug/l	96
68) m/p-Xylenes	11.86	106	412367	107.742	ug/l	96
69) o-Xylene	12.18	106	177158	53.878	ug/l	94
70) Styrene	12.20	104	315975	48.640	ug/l	100
71) Bromoform	12.37	173	57516	46.116	ug/l #	99
73) Isopropylbenzene	12.48	105	491337	57.926	ug/l	99
74) N-amyl acetate	12.30	43	97937	50.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	75569	48.137	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	53178m	48.691	ug/l	
77) Bromobenzene	12.77	156	116418	52.304	ug/l	98
78) n-propylbenzene	12.83	91	598150	57.260	ug/l	99
79) 2-Chlorotoluene	12.91	91	323613	54.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	415669	57.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	26284	51.736	ug/l	95
82) 4-Chlorotoluene	13.01	91	344942	53.690	ug/l	98
83) tert-Butylbenzene	13.23	119	345827	58.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	410156	56.887	ug/l	100
85) sec-Butylbenzene	13.41	105	493548	57.670	ug/l	99
86) p-Isopropyltoluene	13.53	119	457486	56.777	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	226917	51.695	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	220604	50.379	ug/l	100
89) n-Butylbenzene	13.86	91	422298	56.935	ug/l	99
90) Hexachloroethane	14.12	117	88512	50.626	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	192635	51.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11356	44.976	ug/l	100

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QLast Update : Fri Apr 24 14:44:29 2020
Response via : Initial Calibration

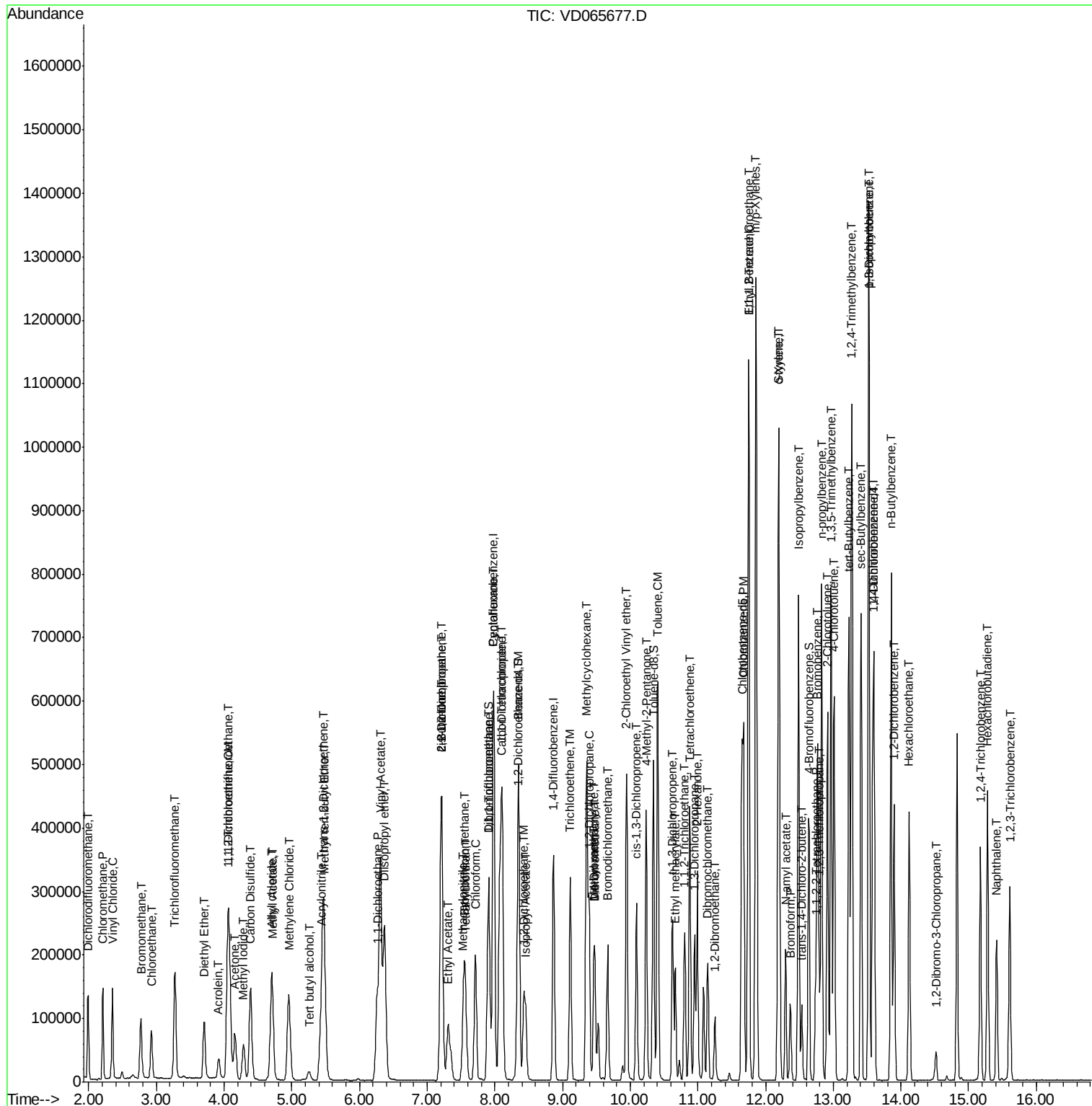
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	127817	51.579	ug/l	98
94) Hexachlorobutadiene	15.28	225	93204	51.331	ug/l	99
95) Naphthalene	15.41	128	189284	45.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	111276	50.568	ug/l	99

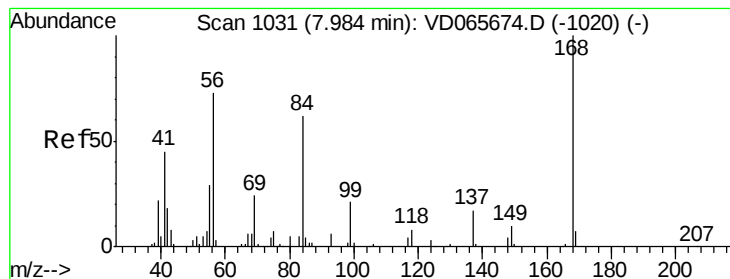
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

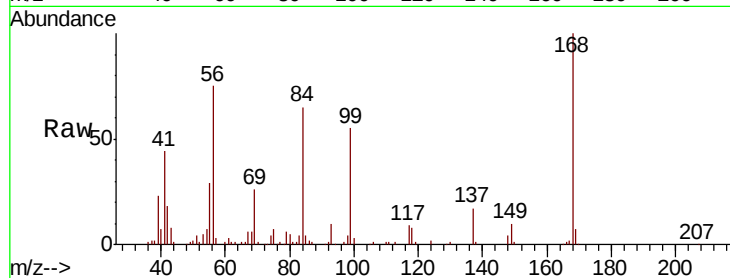
ICVVD042420

Tot Ion:168 Resp: 222502

Ion Ratio Lower Upper

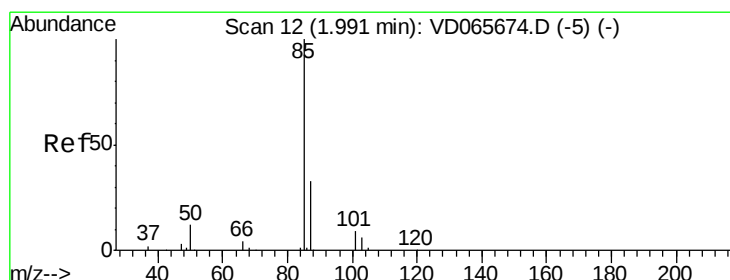
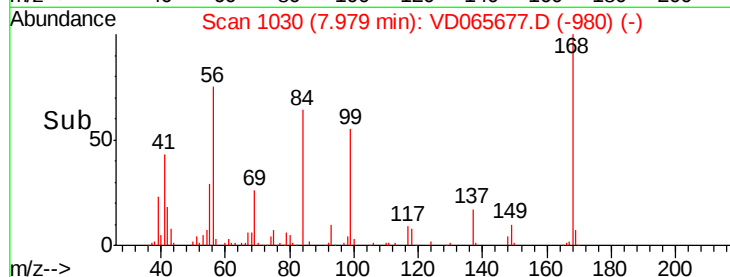
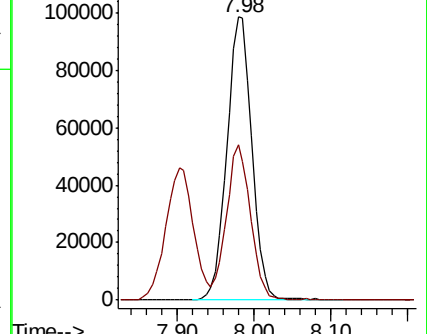
168 100

99 54.7 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: 51.919 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065677.D

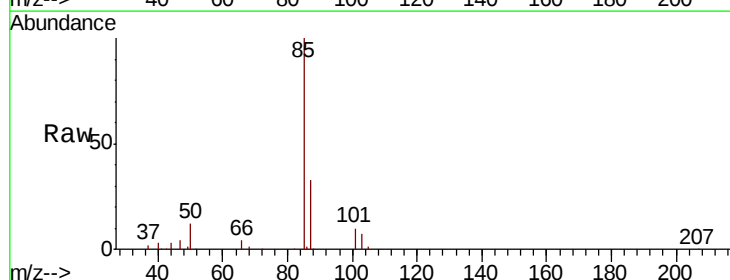
Acq: 24 Apr 2020 15:49

Tgt Ion: 85 Resp: 103582

Ion Ratio Lower Upper

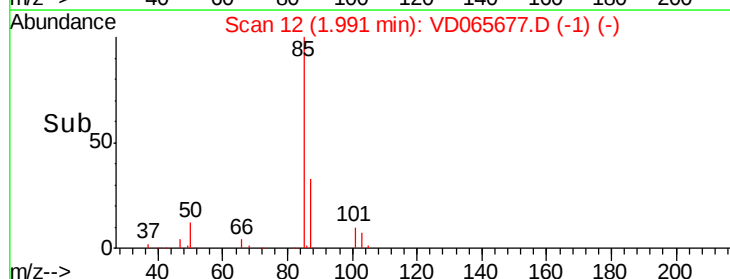
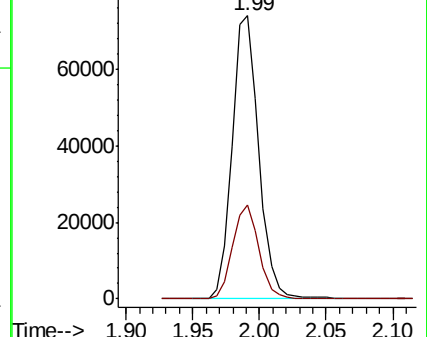
85 100

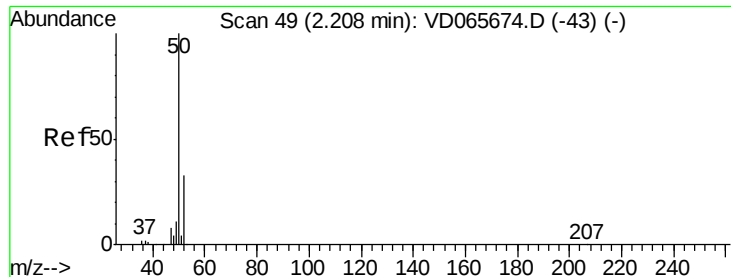
87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 46.896 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

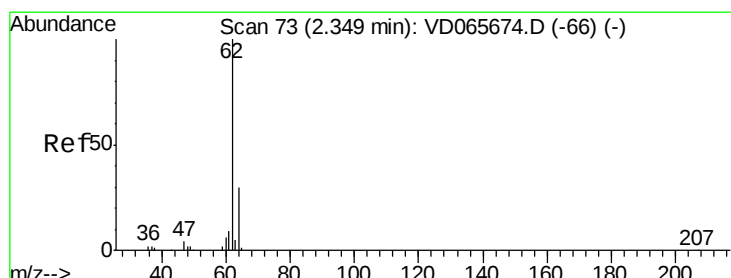
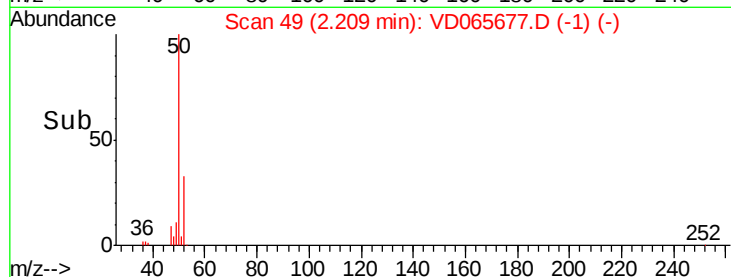
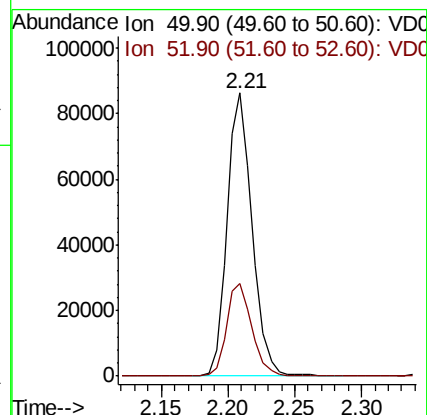
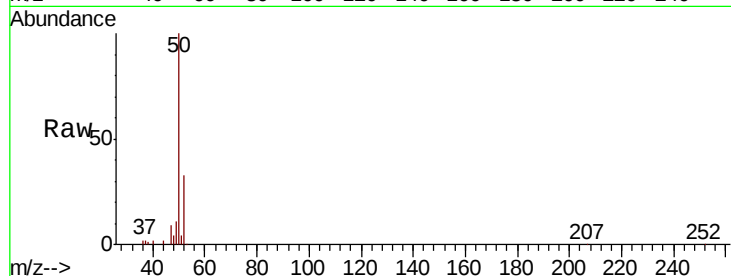
ICVVD042420

Tot Ion: 50 Resp: 114020

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 47.814 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065677.D

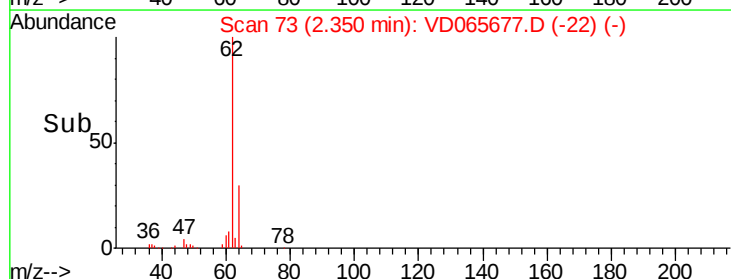
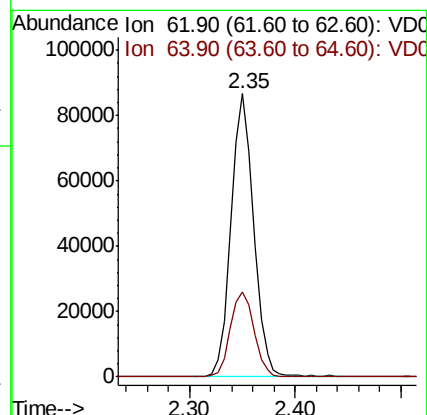
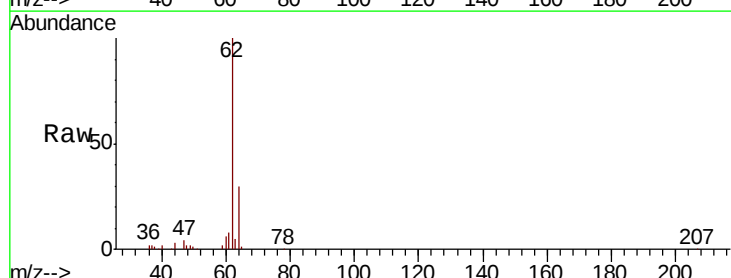
Acq: 24 Apr 2020 15:49

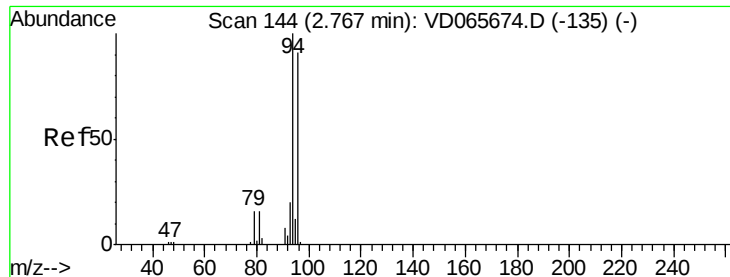
Tgt Ion: 62 Resp: 128308

Ion Ratio Lower Upper

62 100

64 30.0 24.3 36.5





#5

Bromomethane

Concen: 46.277 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

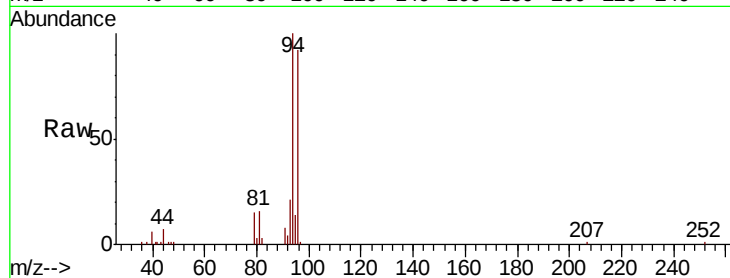
ICVVD042420

Tot Ion: 94 Resp: 73655

Ion Ratio Lower Upper

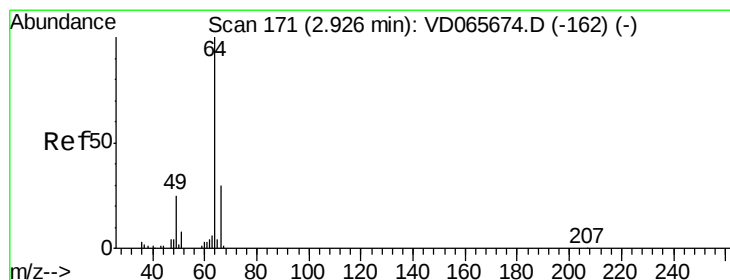
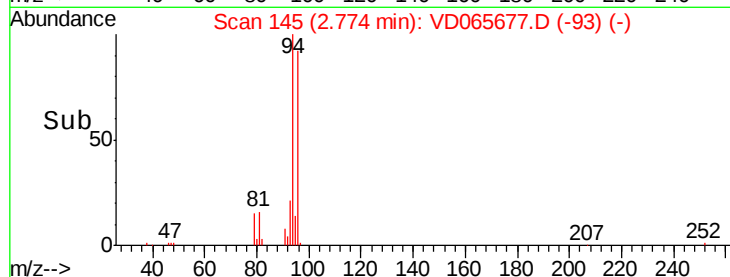
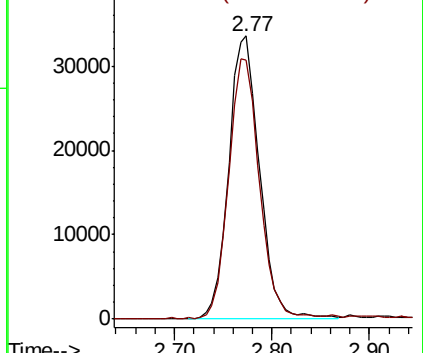
94 100

96 91.1 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: 45.663 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065677.D

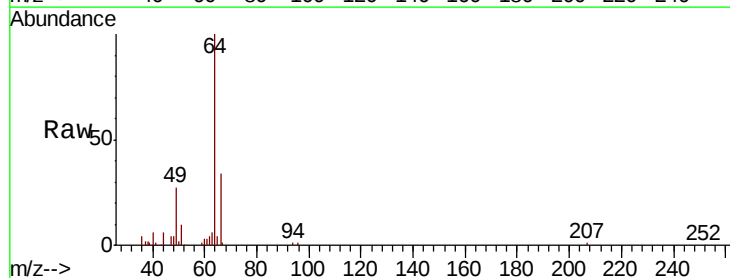
Acq: 24 Apr 2020 15:49

Tgt Ion: 64 Resp: 73508

Ion Ratio Lower Upper

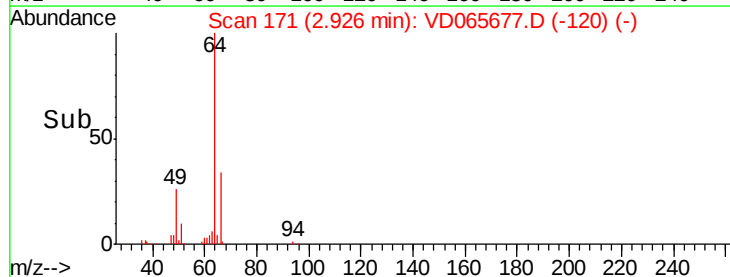
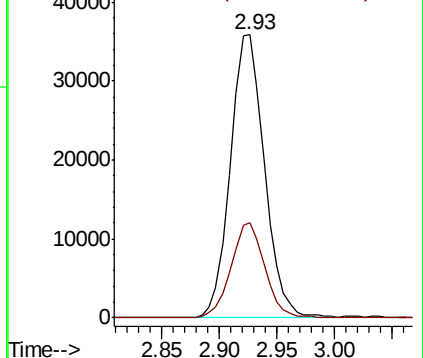
64 100

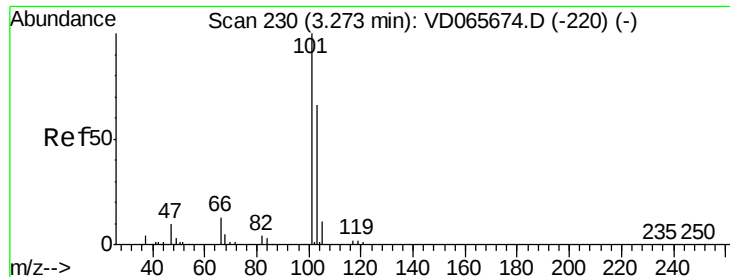
66 33.6 24.3 36.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



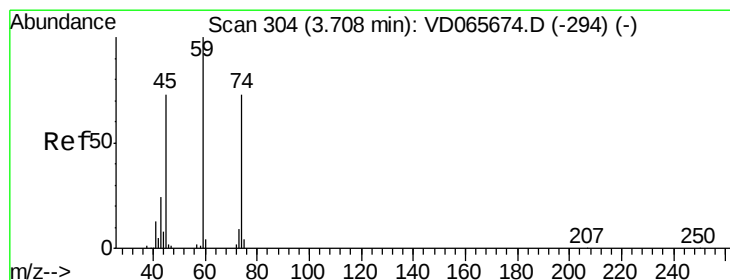
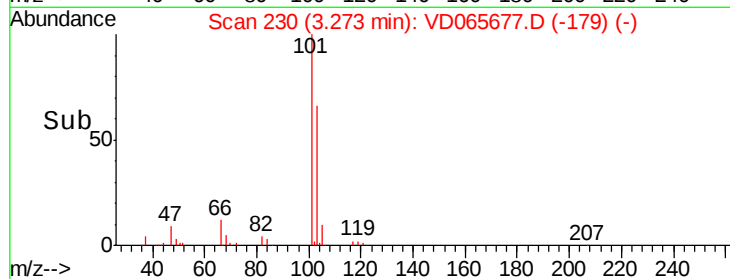
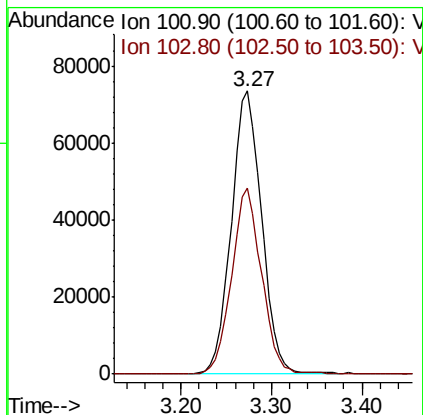
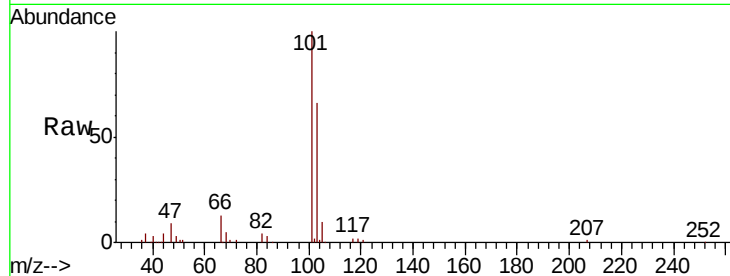


#7

Trichlorofluoromethane
 Concen: 46.227 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

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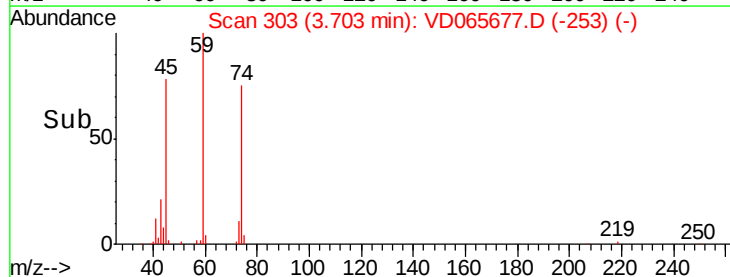
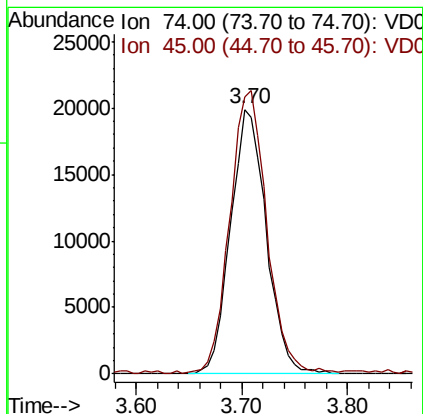
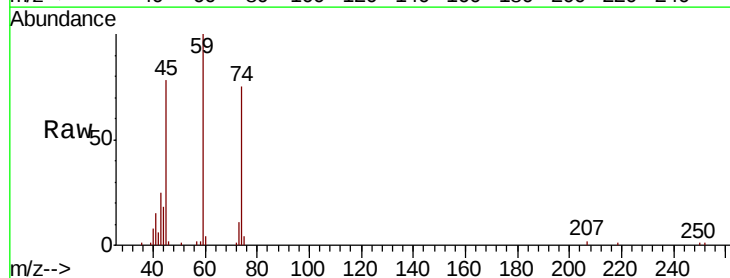
Tot Ion:101 Resp: 170736
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.6 78.8

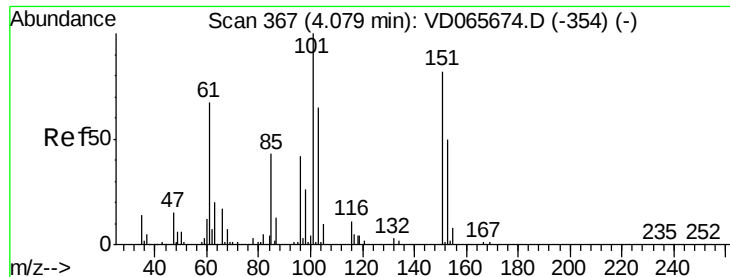


#8

Diethyl Ether
 Concen: 42.857 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 74 Resp: 46611
 Ion Ratio Lower Upper
 74 100
 45 110.4 55.0 165.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.892 ug/l

RT: 4.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

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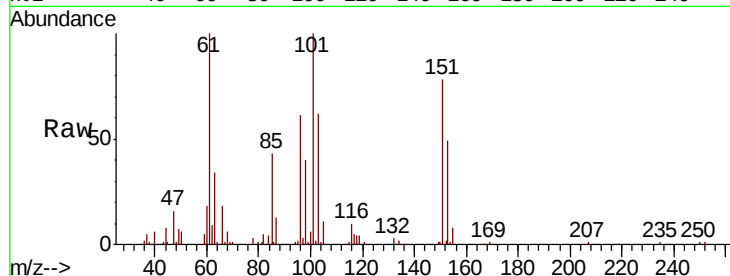
Tot Ion:101 Resp: 102768

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

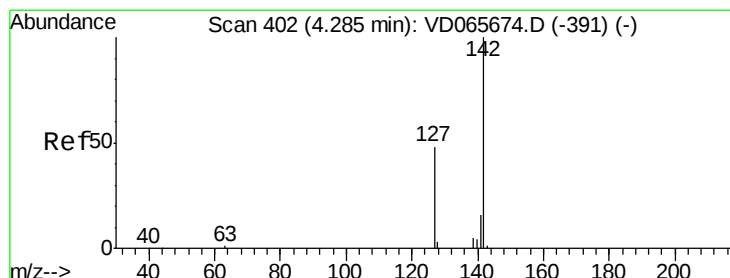
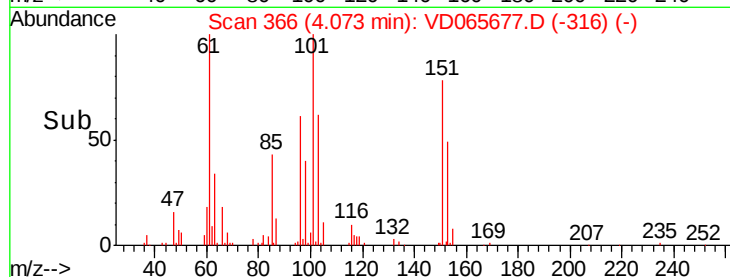
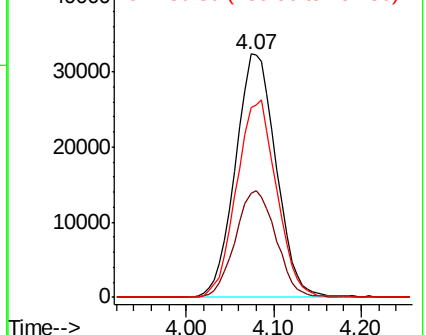
151 79.8 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.698 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

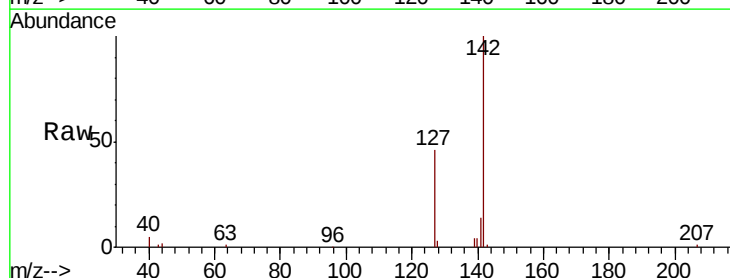
Tgt Ion:142 Resp: 93660

Ion Ratio Lower Upper

142 100

127 46.4 39.0 58.4

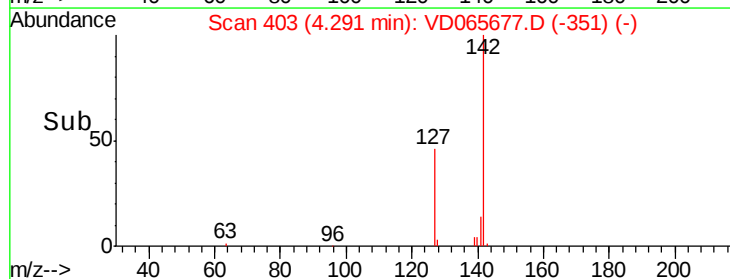
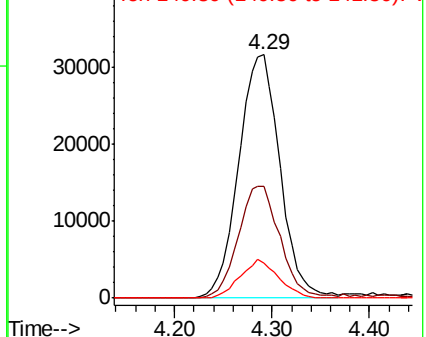
141 14.6 12.4 18.6

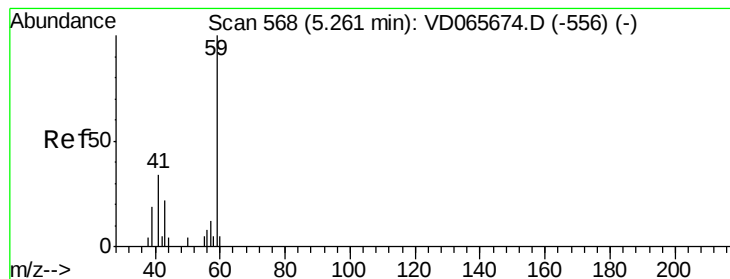


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 234.340 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

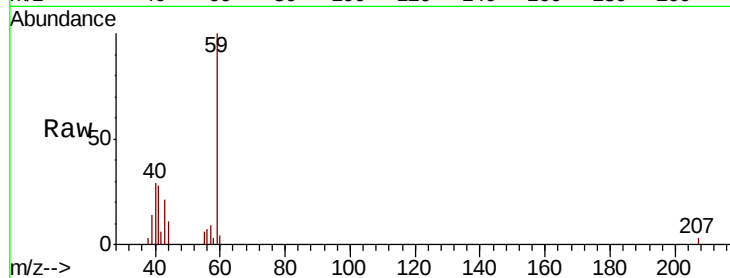
ICVVD042420

Tot Ion: 59 Resp: 23801

Ion Ratio Lower Upper

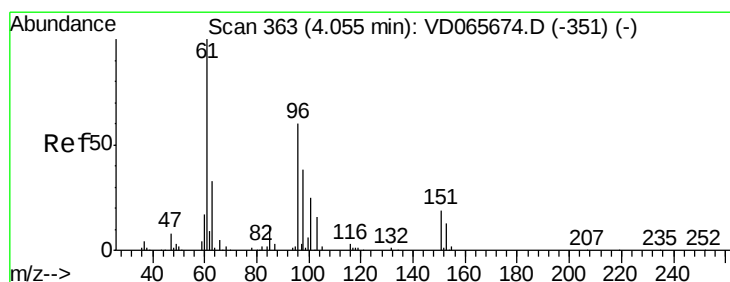
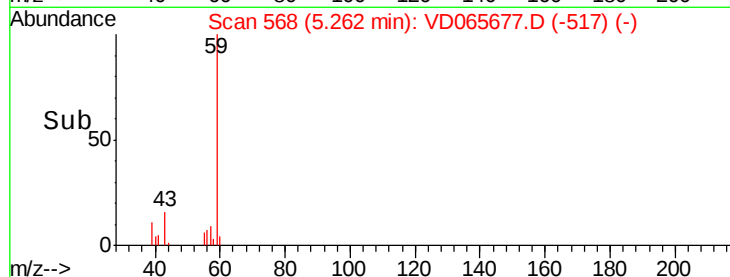
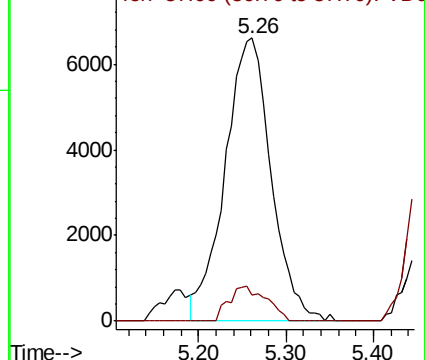
59 100

57 10.0 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 45.329 ug/l

RT: 4.06 min Scan# 363

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

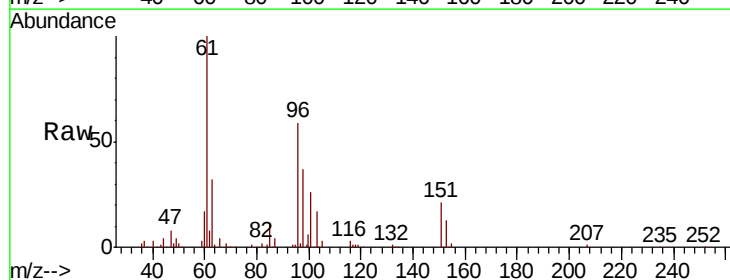
Tgt Ion: 96 Resp: 98220

Ion Ratio Lower Upper

96 100

61 169.7 132.8 199.2

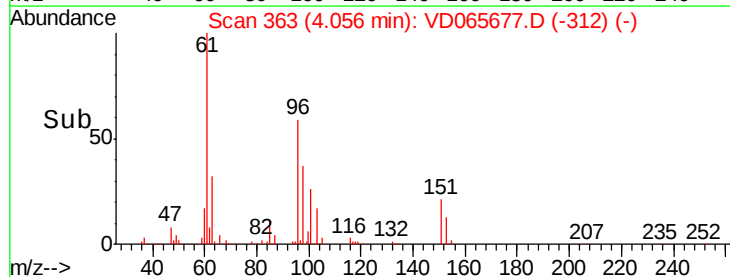
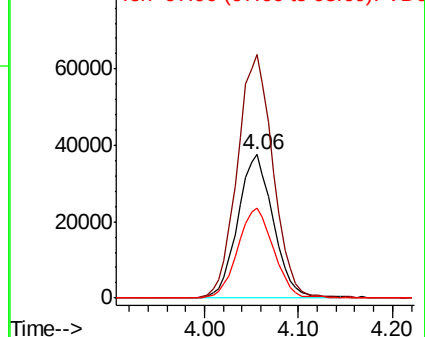
98 62.5 50.7 76.1

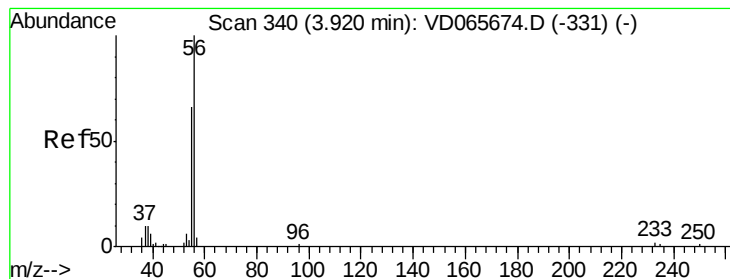


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 216.880 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

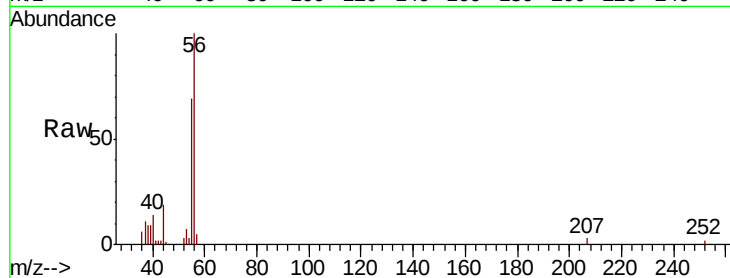
ICVVD042420

Tot Ion: 56 Resp: 34479

Ion Ratio Lower Upper

56 100

55 73.8 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

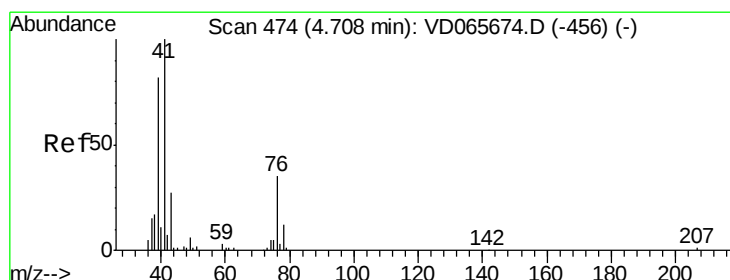
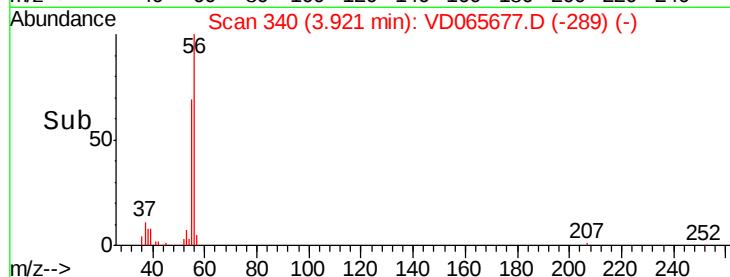
5000

0

3.92

3.80 3.90 4.00

Time-->



#14

Allyl chloride

Concen: 53.922 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

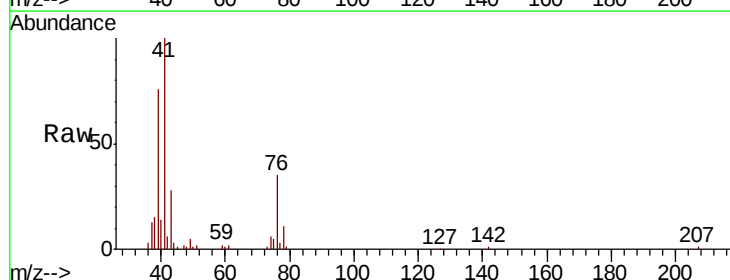
Tgt Ion: 41 Resp: 163495

Ion Ratio Lower Upper

41 100

39 73.1 63.3 94.9

76 33.5 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

60000

40000

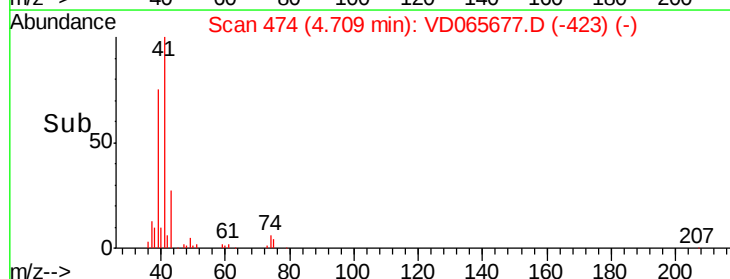
20000

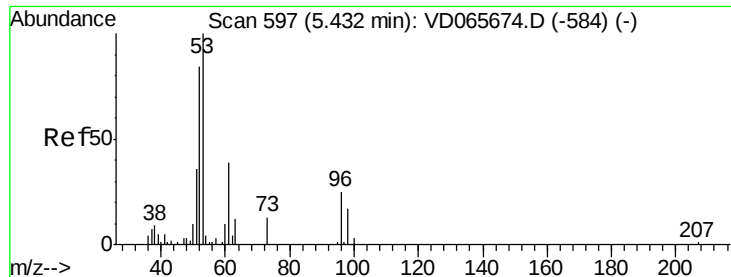
0

4.71

4.50 4.60 4.70 4.80 4.90

Time-->





#15

Acrylonitrile

Concen: 237.862 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

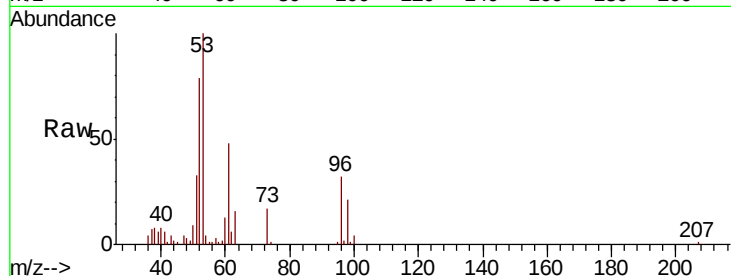
Tot Ion: 53 Resp: 100327

Ion Ratio Lower Upper

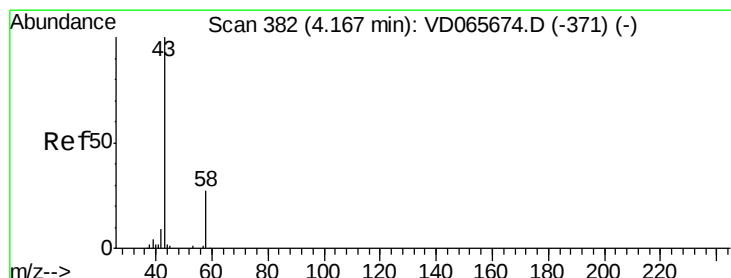
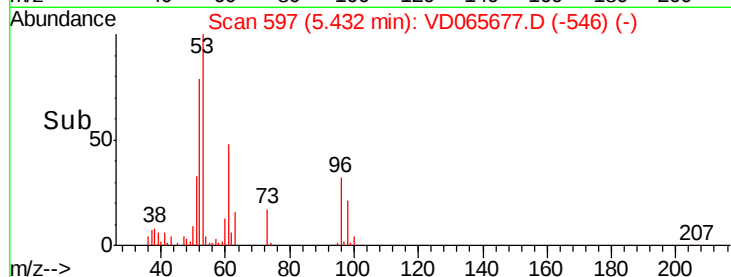
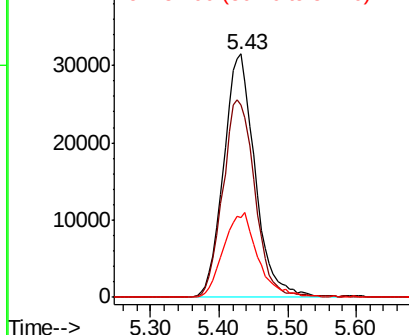
53 100

52 83.0 66.2 99.4

51 37.9 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: 292.741 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065677.D

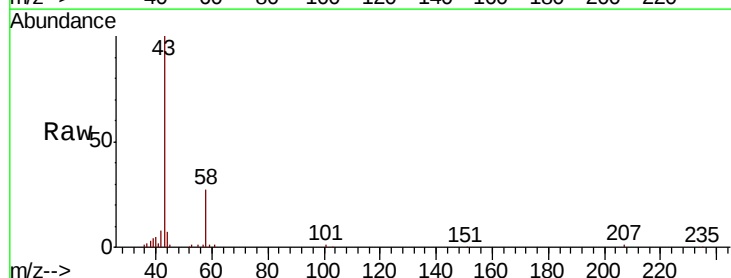
Acq: 24 Apr 2020 15:49

Tgt Ion: 43 Resp: 122717

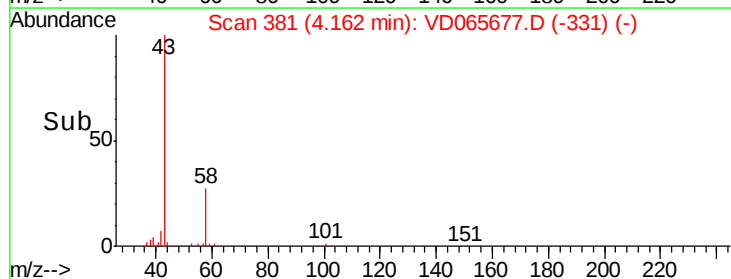
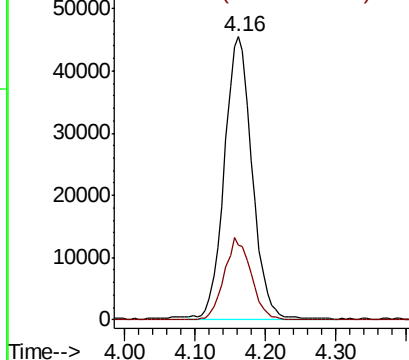
Ion Ratio Lower Upper

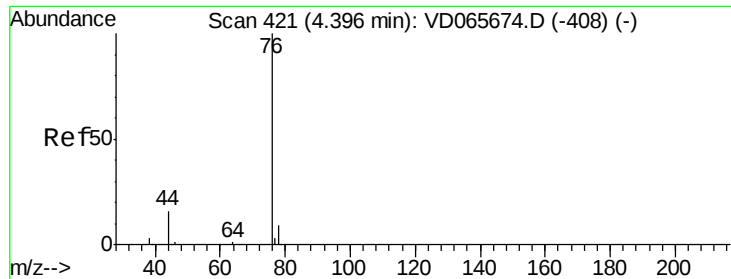
43 100

58 26.7 21.0 31.6



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

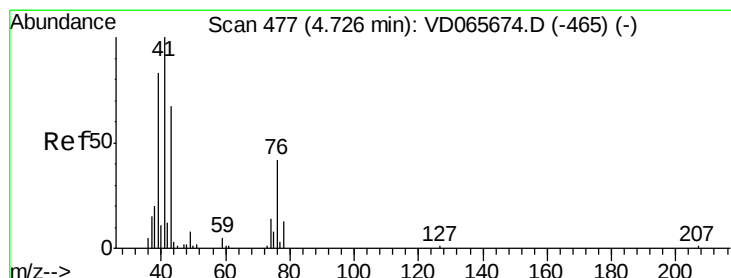
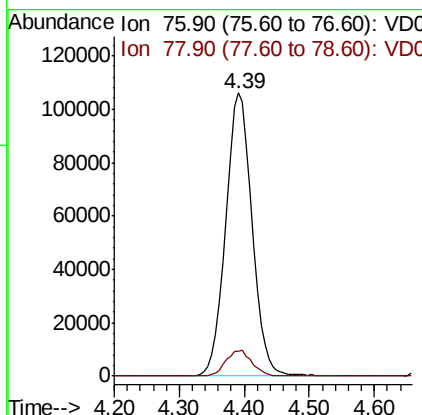
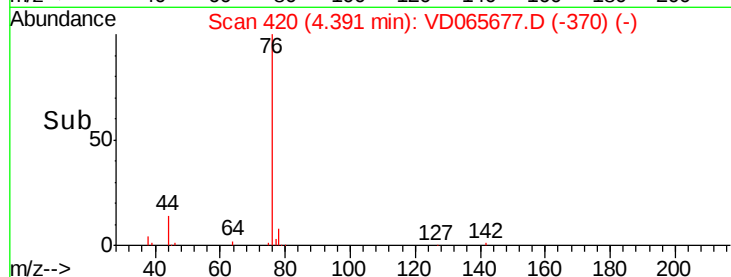
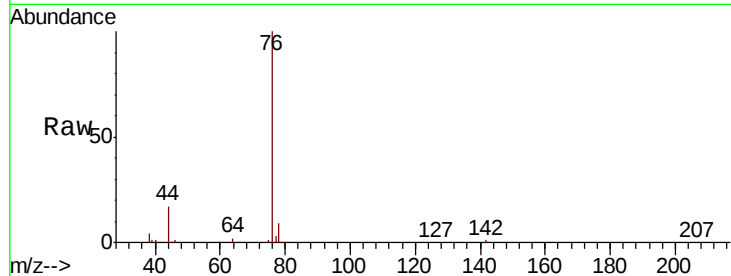




#17
Carbon Disulfide
Concen: 50.824 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

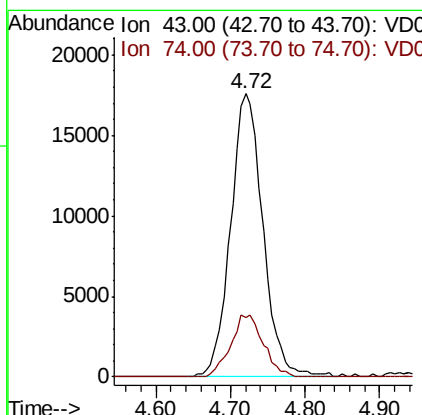
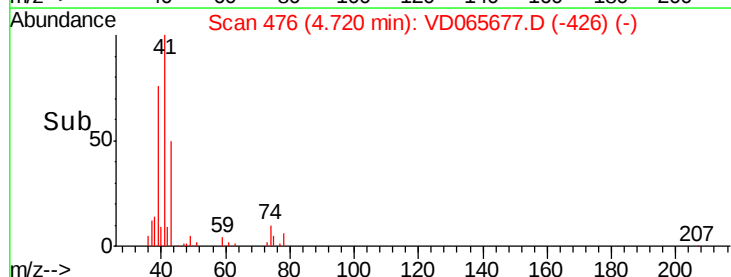
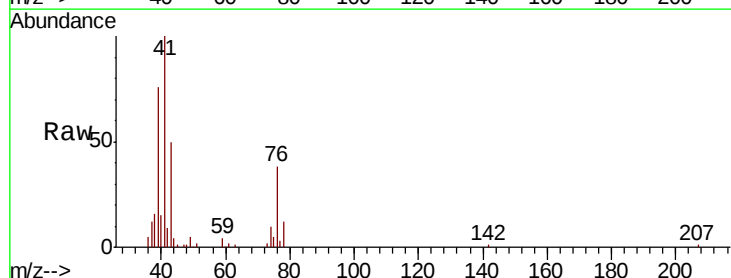
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

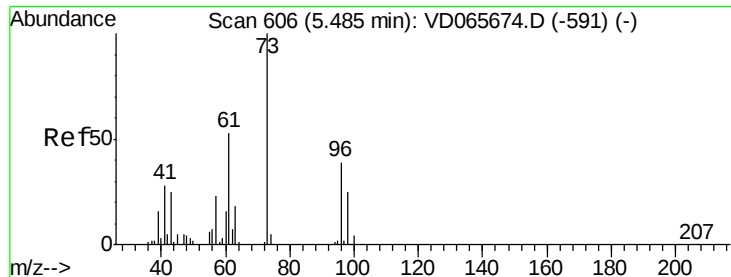
Tot Ion: 76 Resp: 298352
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 46.889 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 43 Resp: 52891
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



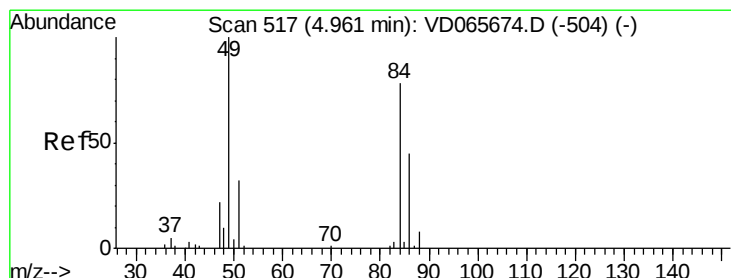
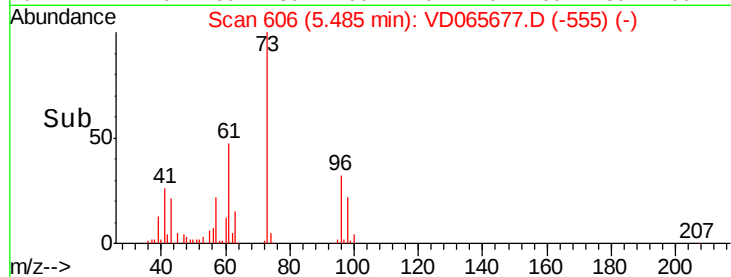
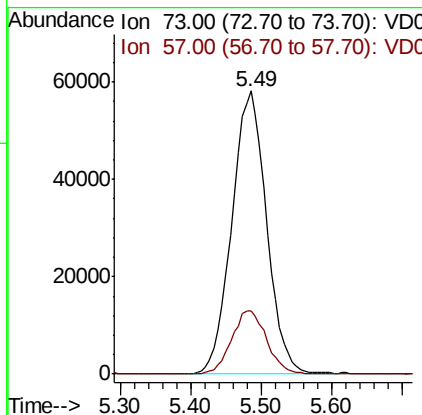
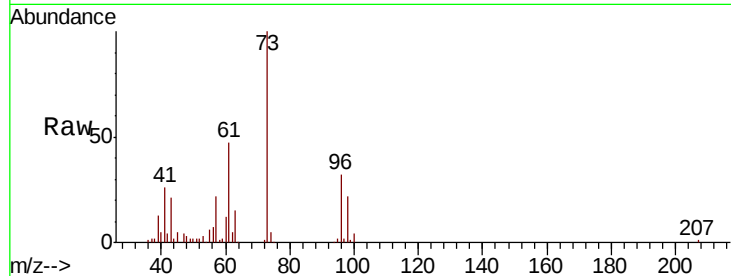


#19

Methyl tert-butyl Ether
 Concen: 50.780 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

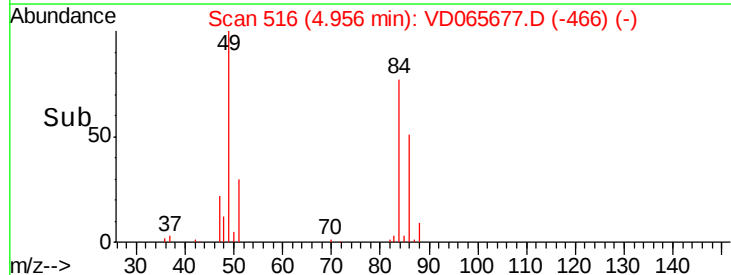
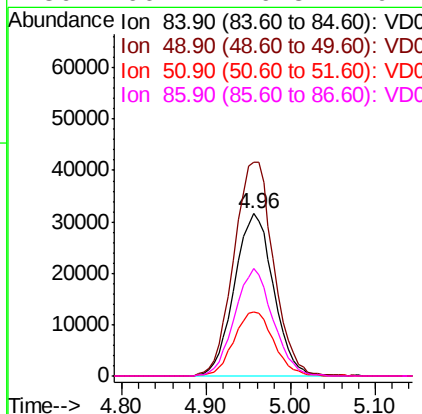
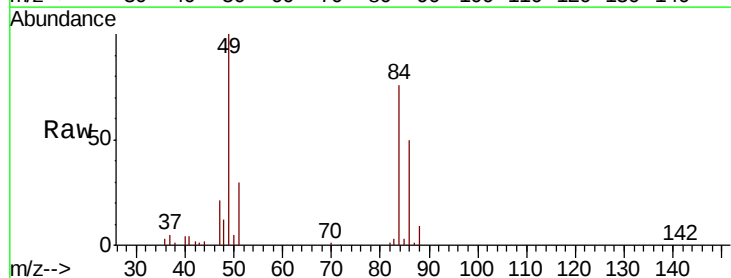
Tot Ion: 73 Resp: 198997
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.3 27.5

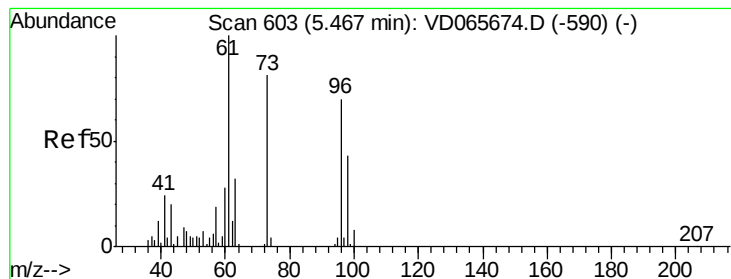


#20

Methylene Chloride
 Concen: 46.734 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 84 Resp: 101583
 Ion Ratio Lower Upper
 84 100
 49 131.6 103.1 154.7
 51 39.4 33.3 49.9
 86 66.2 46.8 70.2





#21

trans-1,2-Dichloroethene

Concen: 52.025 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

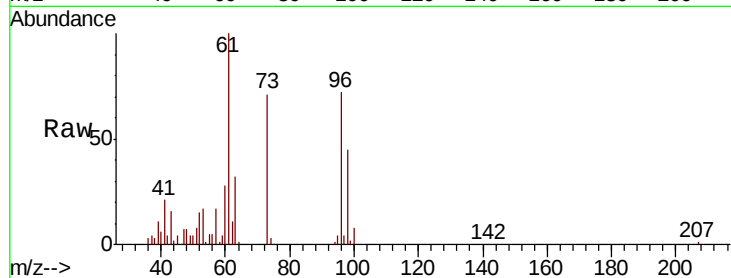
Tot Ion: 96 Resp: 111236

Ion Ratio Lower Upper

96 100

61 138.7 114.8 172.2

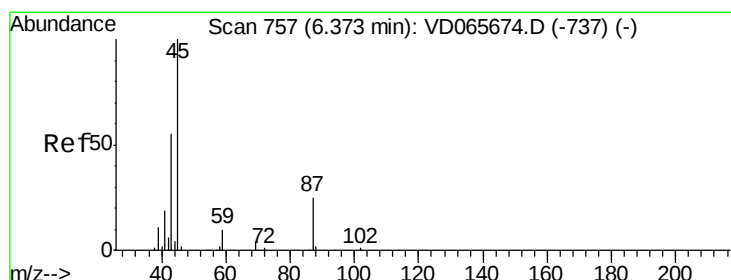
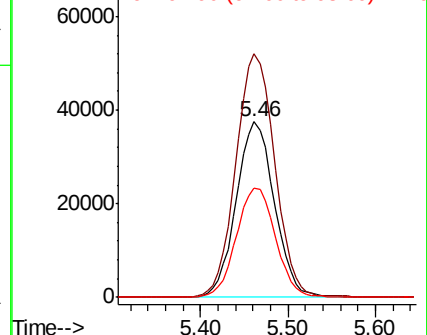
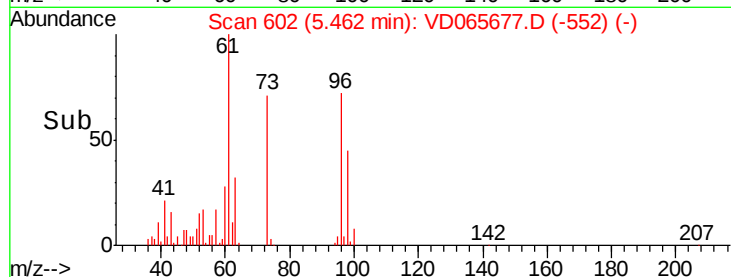
98 62.0 49.4 74.0



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: 50.436 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Tgt Ion: 45 Resp: 318994

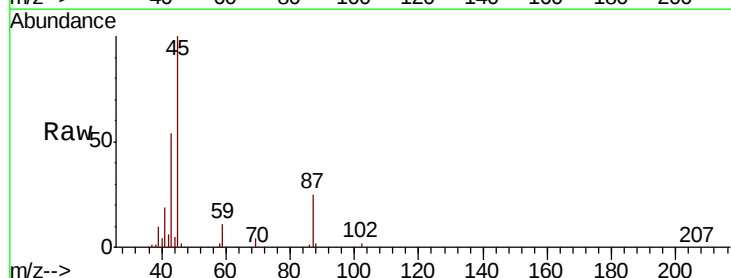
Ion Ratio Lower Upper

45 100

43 53.5 45.2 67.8

87 25.2 20.8 31.2

59 10.7 8.6 13.0

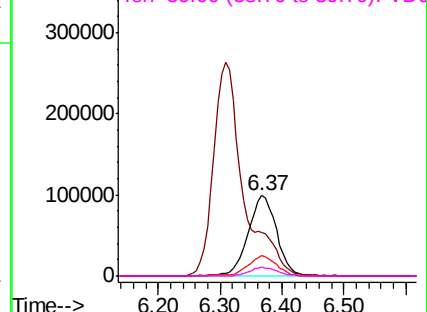
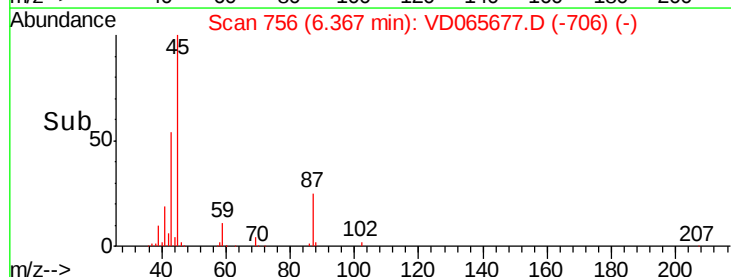


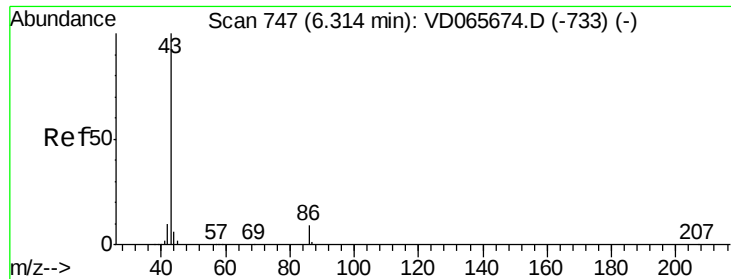
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 229.645 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

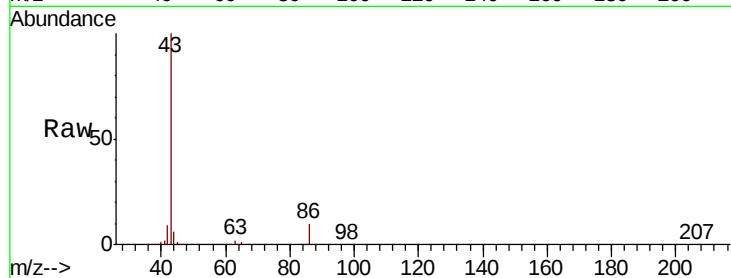
ICVVD042420

Tot Ion: 43 Resp: 880644

Ion Ratio Lower Upper

43 100

86 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

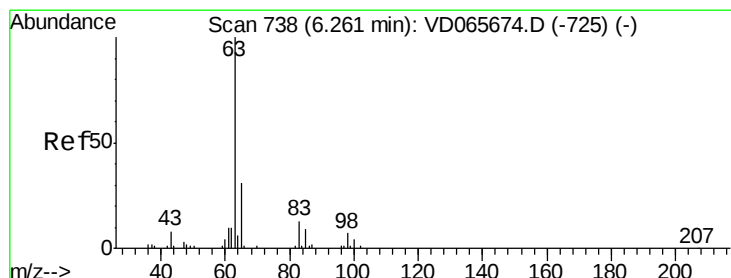
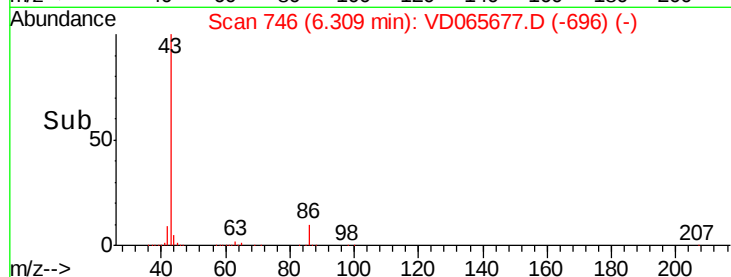
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.563 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

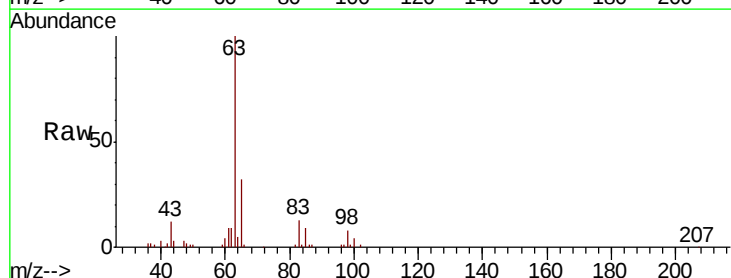
Tgt Ion: 63 Resp: 189271

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

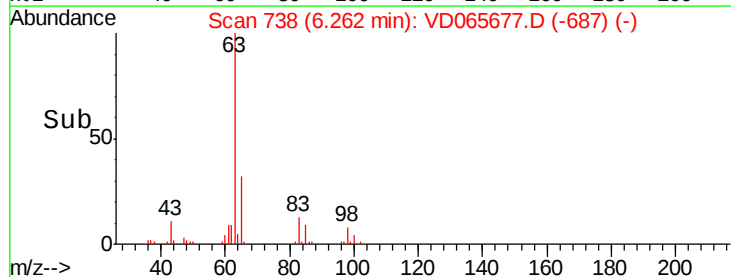
60000

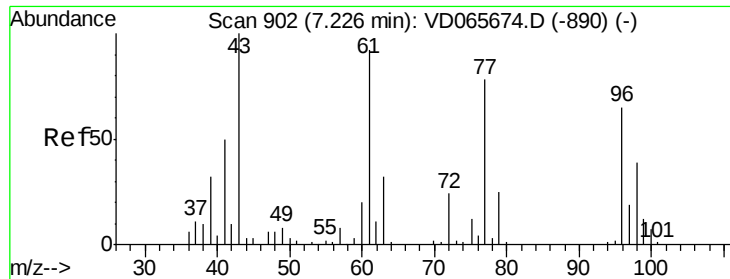
40000

20000

0

Time-->





#25

2-Butanone

Concen: 241.621 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

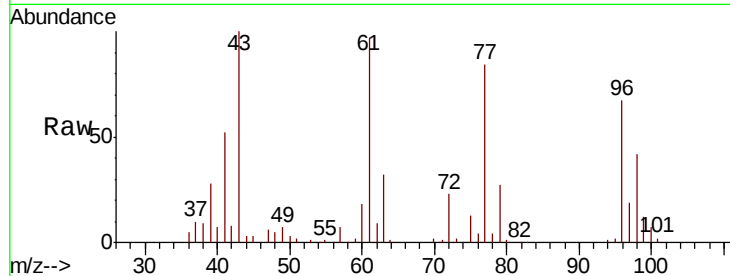
ICVVD042420

Tot Ion: 43 Resp: 140407

Ion Ratio Lower Upper

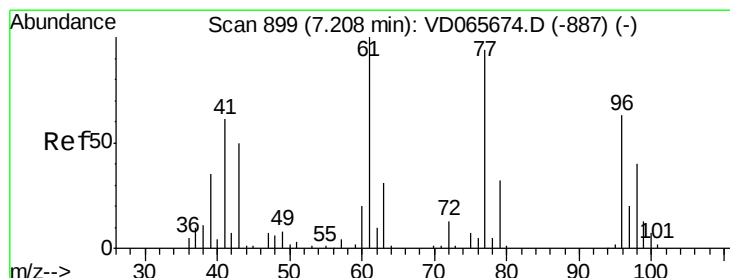
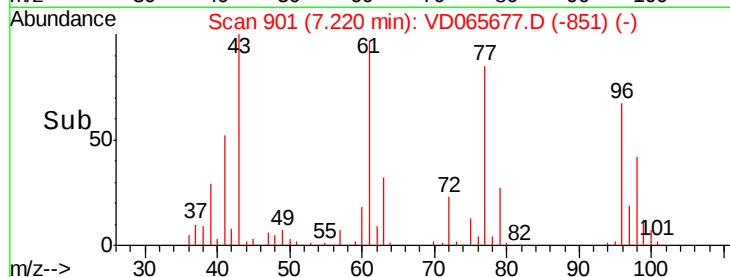
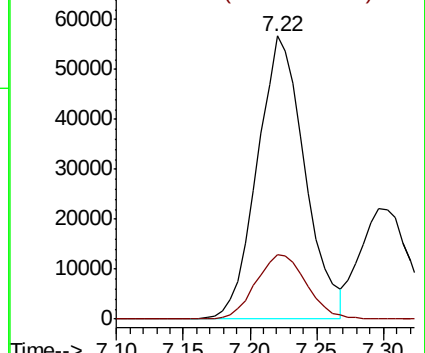
43 100

72 22.6 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: 48.685 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065677.D

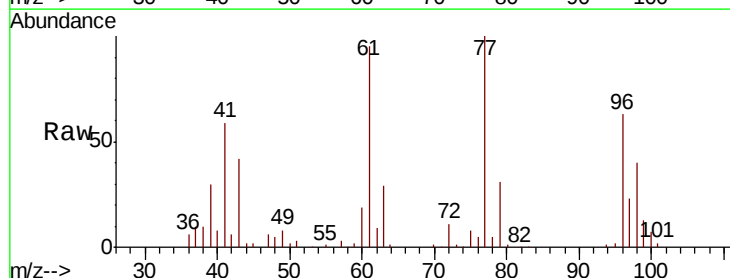
Acq: 24 Apr 2020 15:49

Tgt Ion: 77 Resp: 179082

Ion Ratio Lower Upper

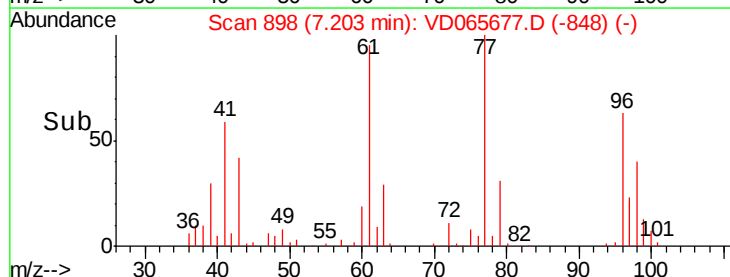
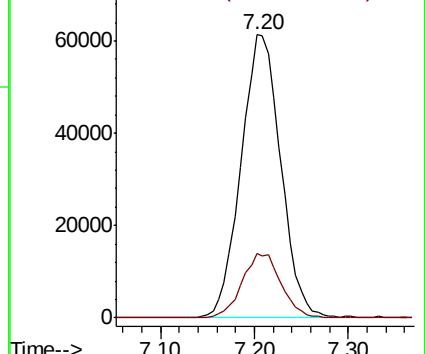
77 100

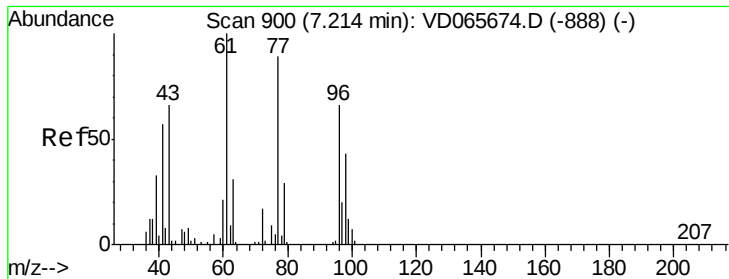
97 22.2 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

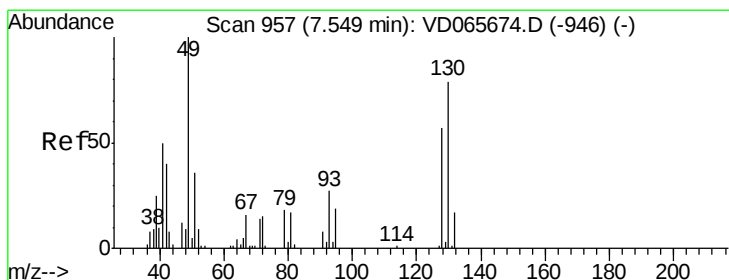
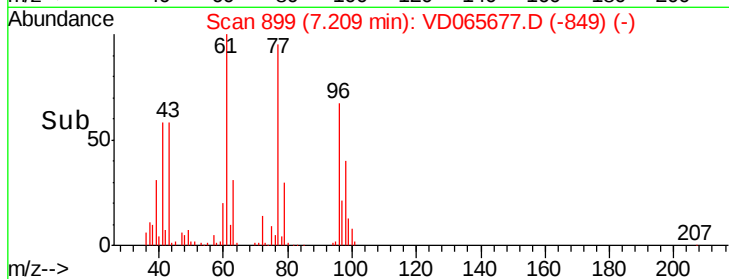
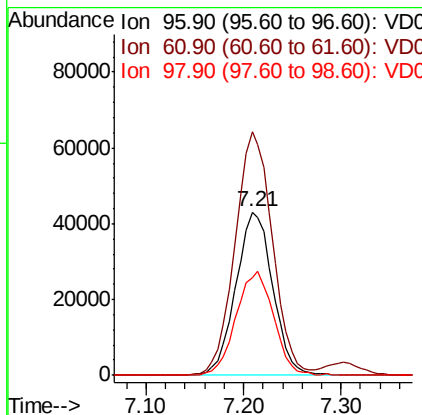
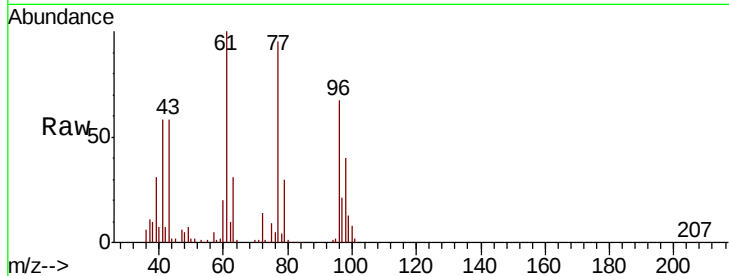




#27
 cis-1,2-Dichloroethene
 Concen: 48.912 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

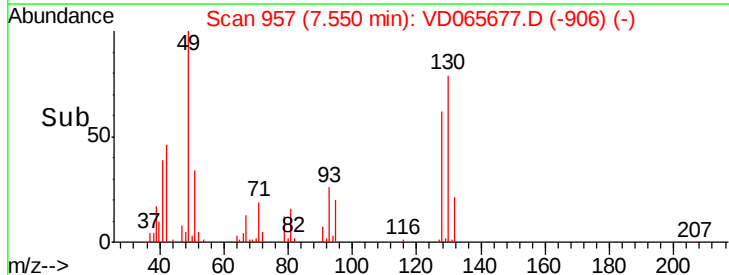
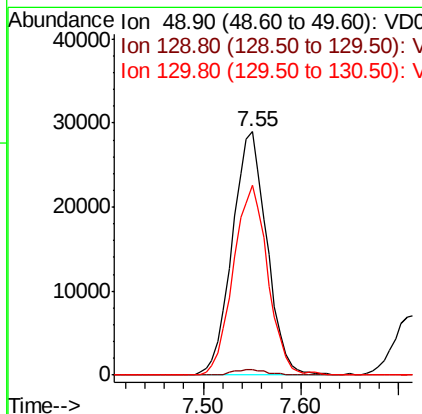
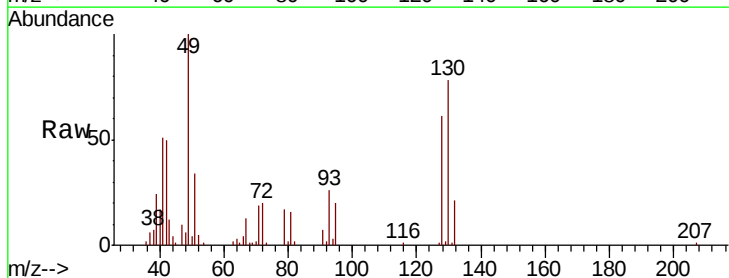
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

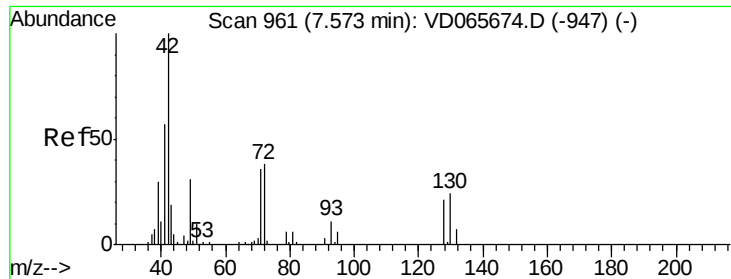
Tot Ion: 96 Resp: 113123
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 304.6
 98 65.1 0.0 126.6



#28
 Bromochloromethane
 Concen: 44.921 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 49 Resp: 71601
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.4
 130 77.8 60.7 91.1

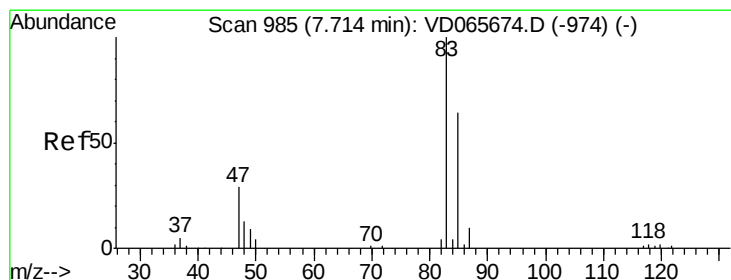
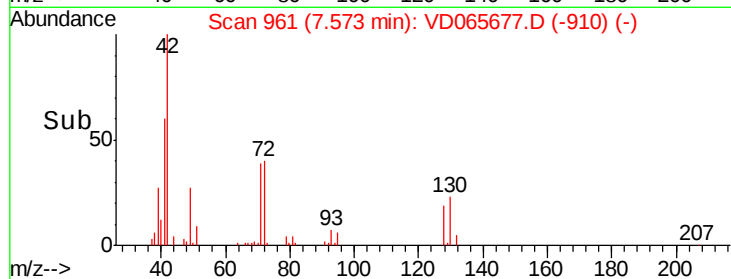
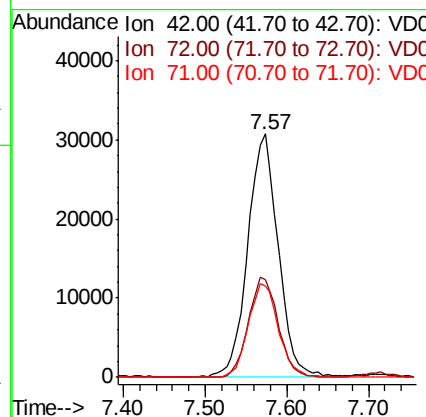
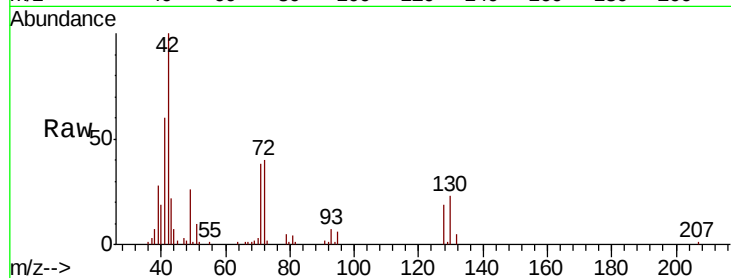




#29
Tetrahydrofuran
Concen: 226.048 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

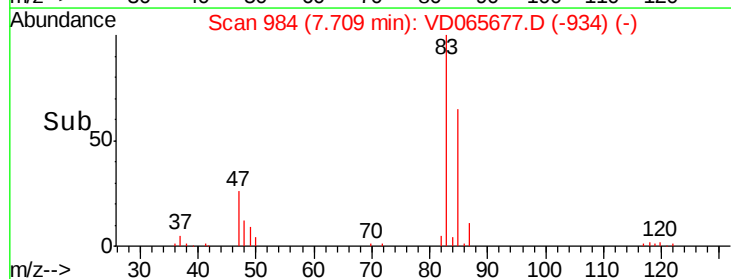
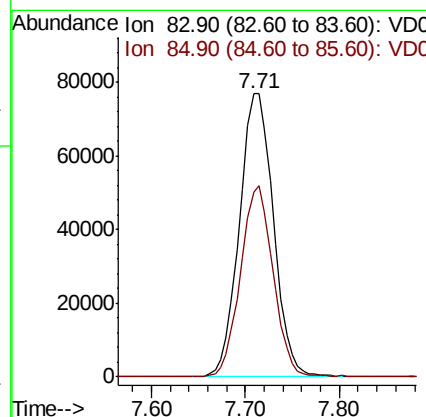
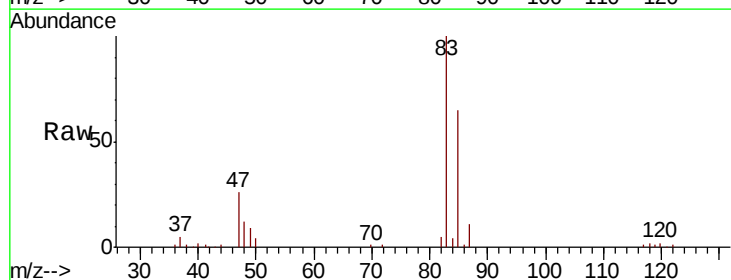
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

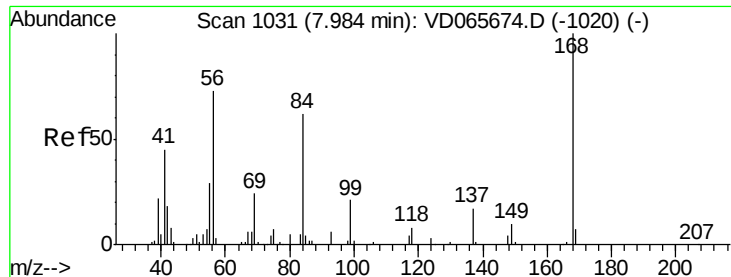
Tot Ion: 42 Resp: 79986
Ion Ratio Lower Upper
42 100
72 39.9 31.2 46.8
71 38.0 28.9 43.3



#30
Chloroform
Concen: 46.229 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 83 Resp: 193552
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3

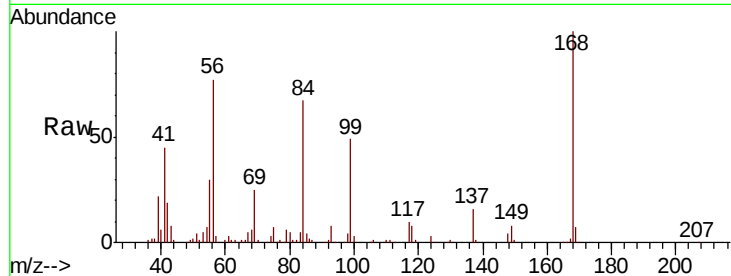




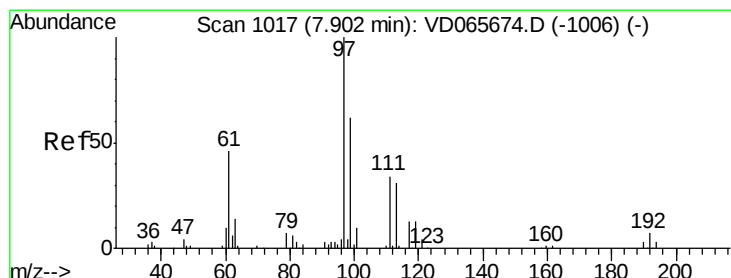
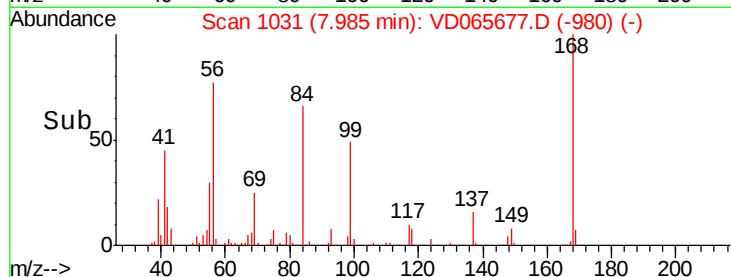
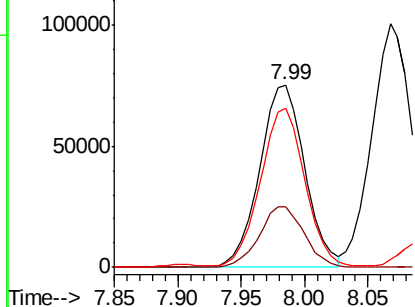
#31
Cyclohexane
Concen: 49.254 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion: 56 Resp: 186491
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.6
84 85.9 68.3 102.5

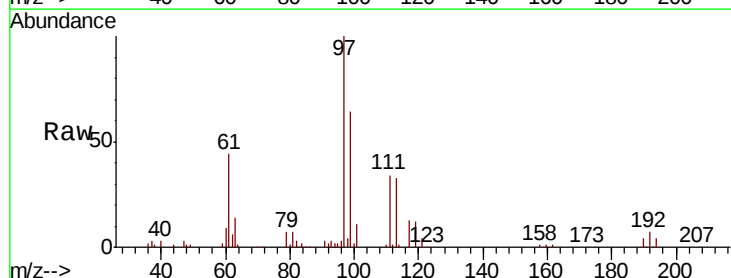


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

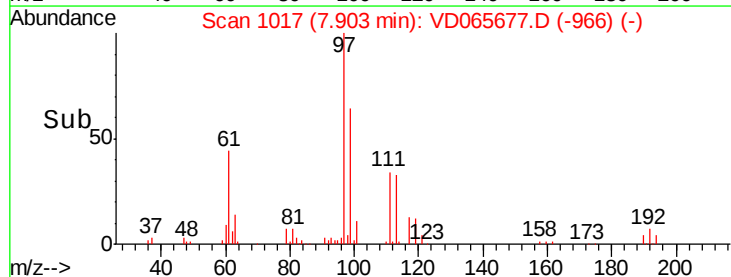
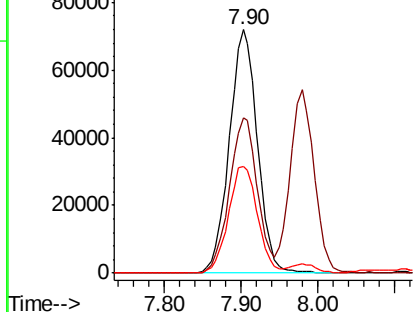


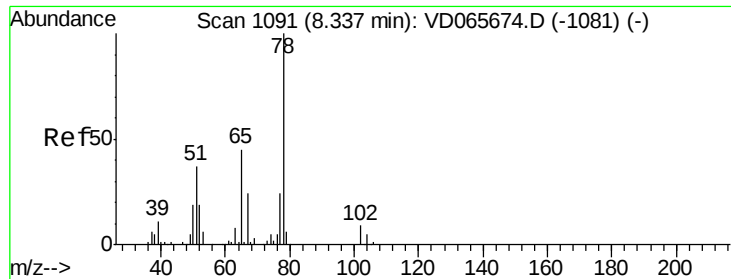
#32
1,1,1-Trichloroethane
Concen: 47.771 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 97 Resp: 182921
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 45.5 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

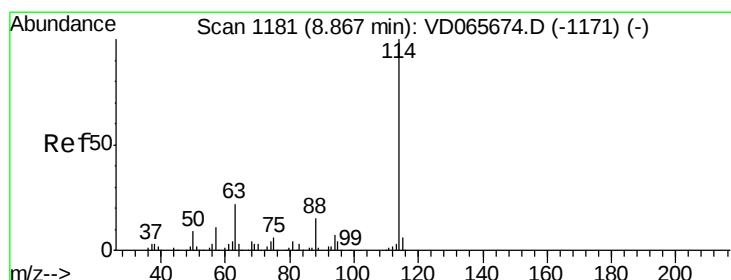
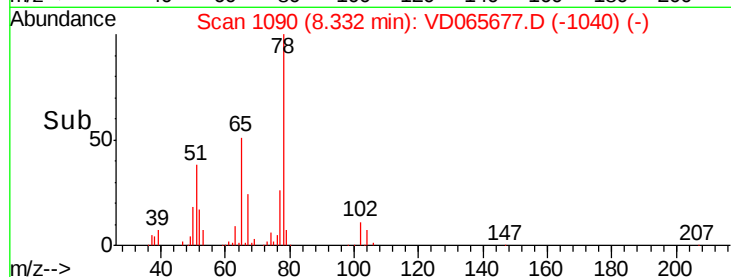
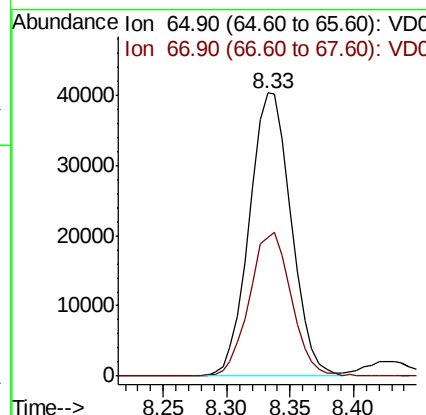
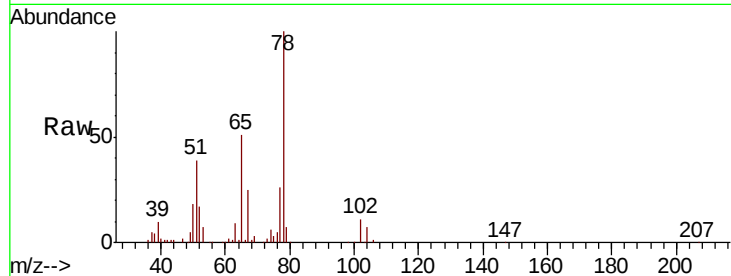




#33
 1,2-Dichloroethane-d4
 Concen: 42.358 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

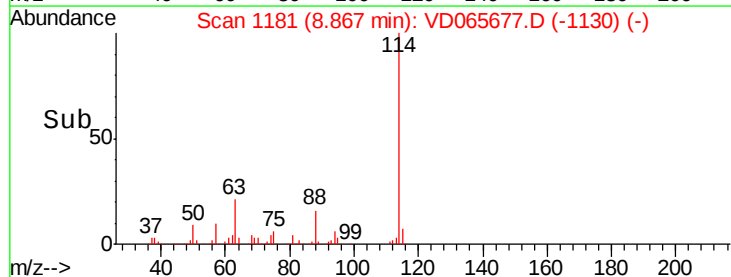
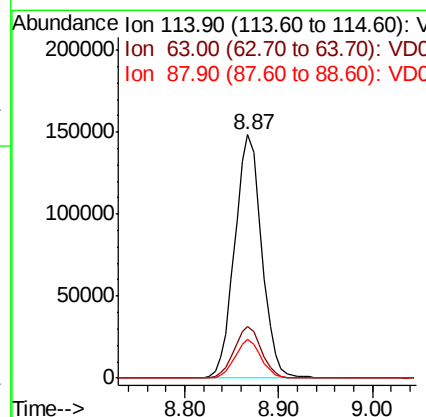
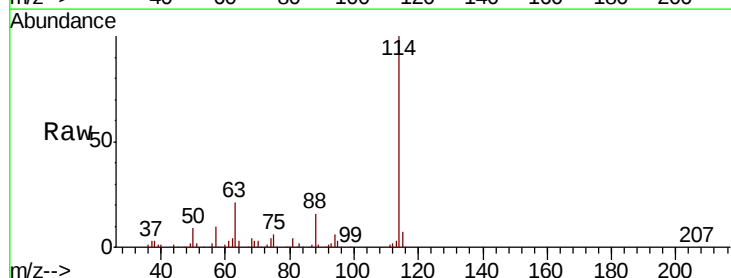
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

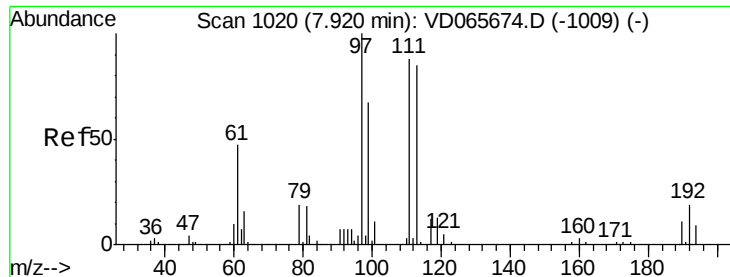
Tot Ion: 65 Resp: 92579
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 114 Resp: 295530
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.0
 88 16.1 0.0 30.4

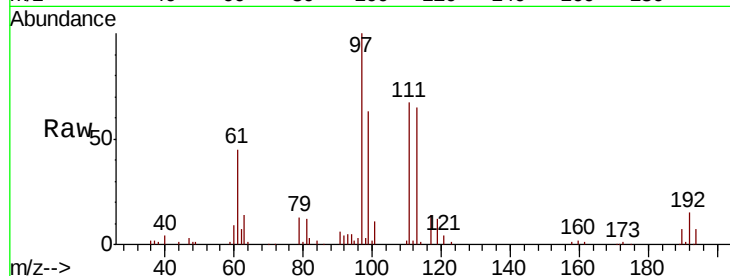




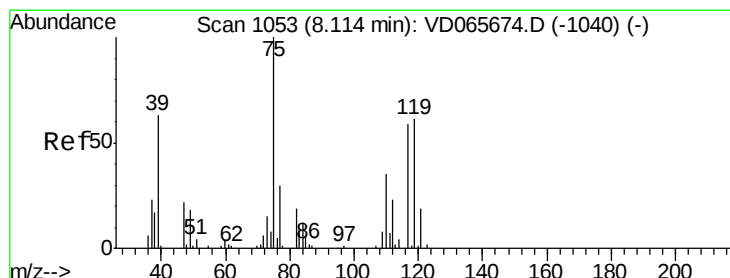
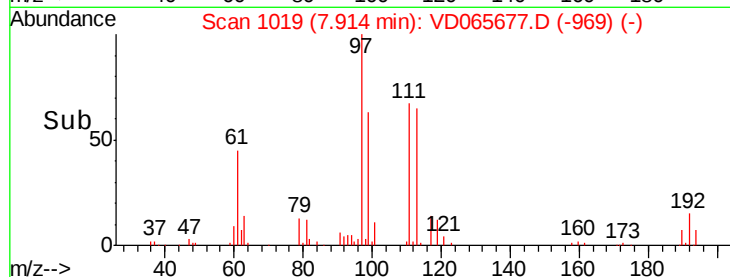
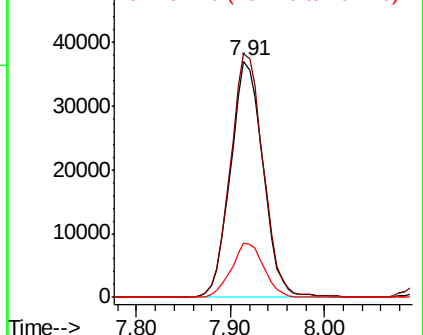
#35
 Dibromofluoromethane
 Concen: 44.632 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

Tot Ion:113 Resp: 89033
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.0
 192 22.7 17.7 26.5

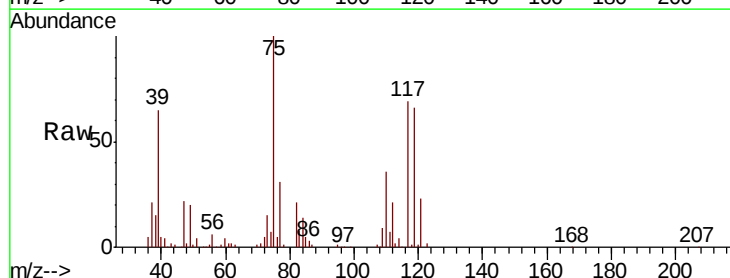


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

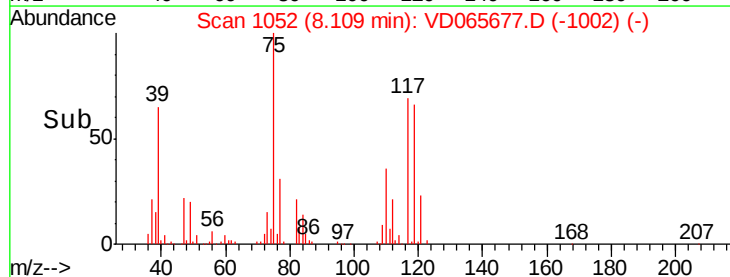
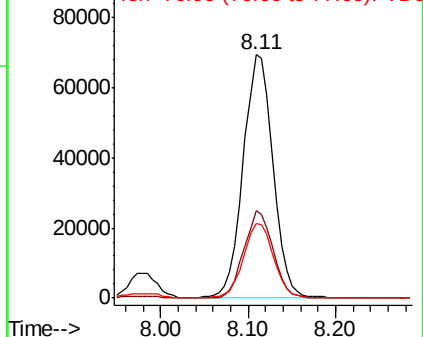


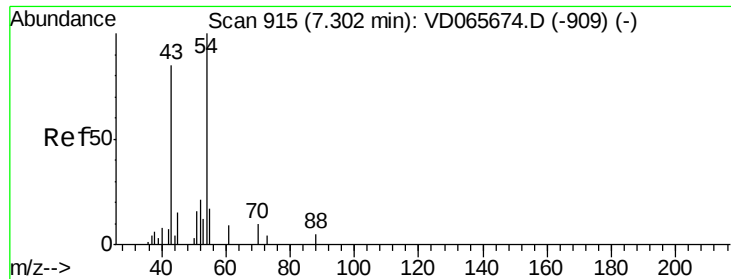
#36
 1,1-Dichloropropene
 Concen: 50.993 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 75 Resp: 161295
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.2 51.5
 77 31.2 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

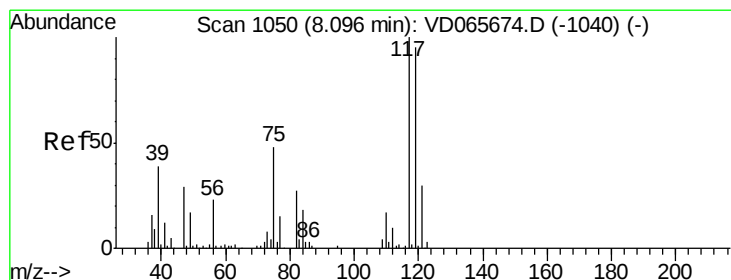
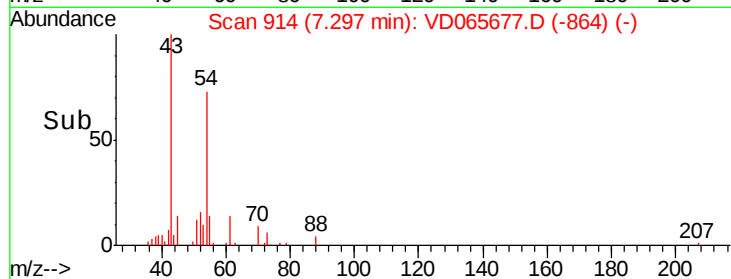
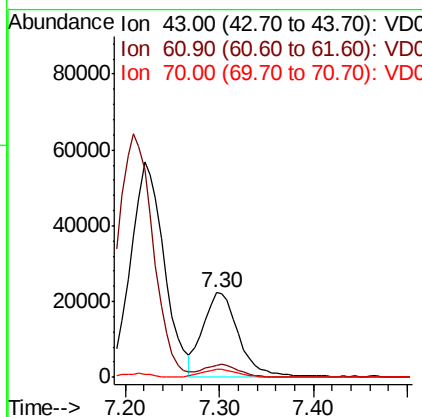
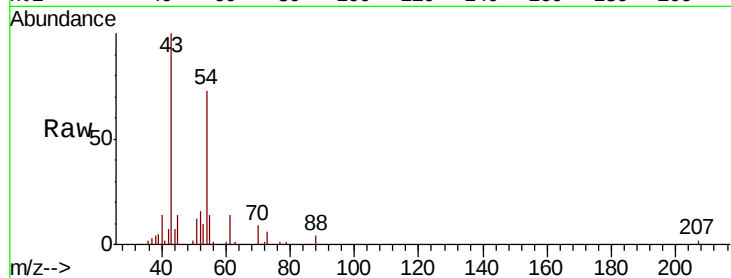




#37
Ethyl Acetate
Concen: 46.232 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

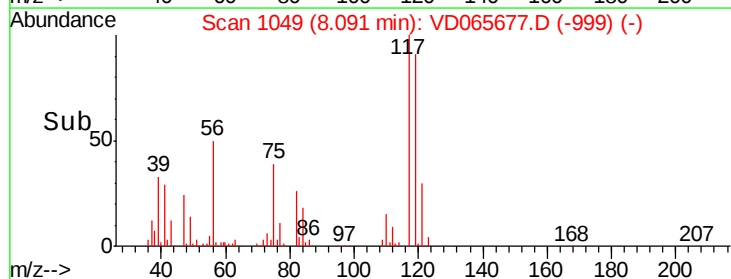
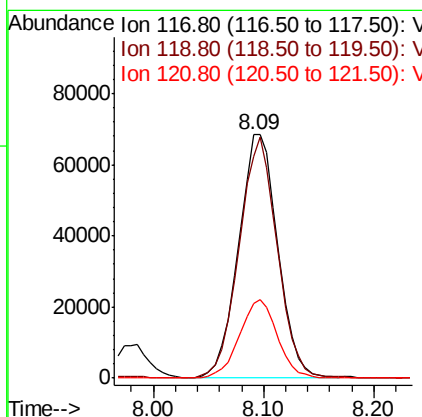
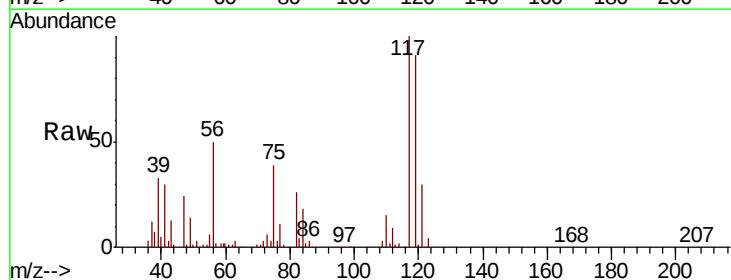
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

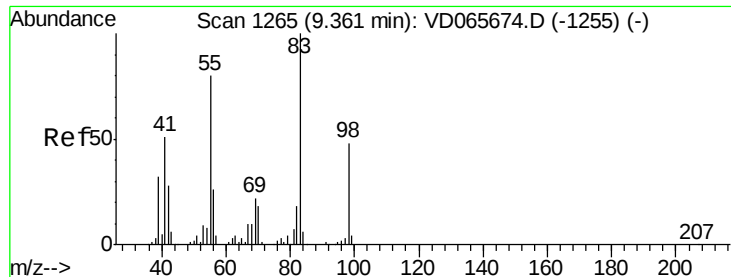
Tot Ion: 43 Resp: 58964
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 9.8 7.5 11.3



#38
Carbon Tetrachloride
Concen: 48.124 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 117 Resp: 170164
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.6
121 30.5 23.8 35.8

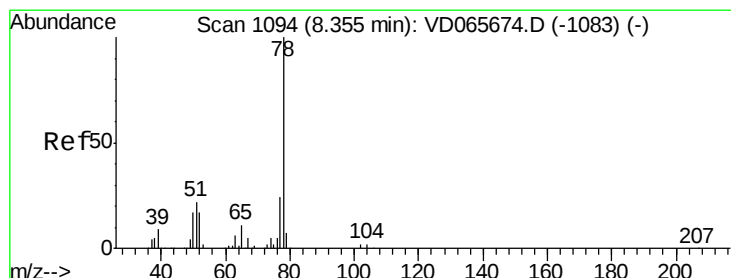
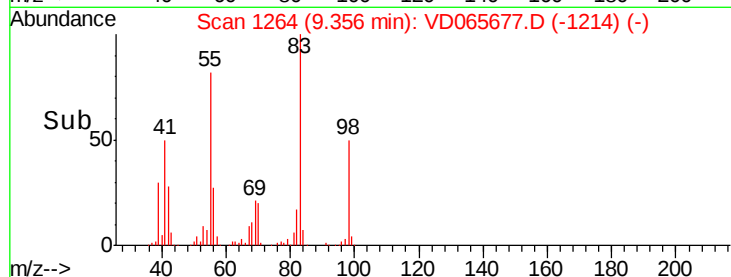
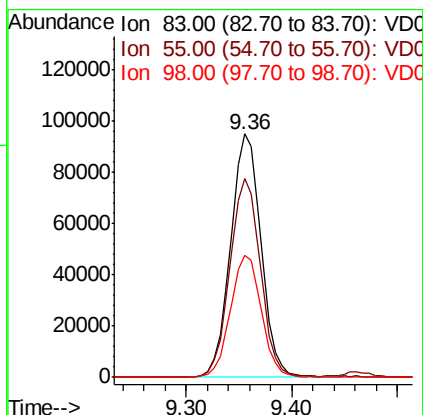
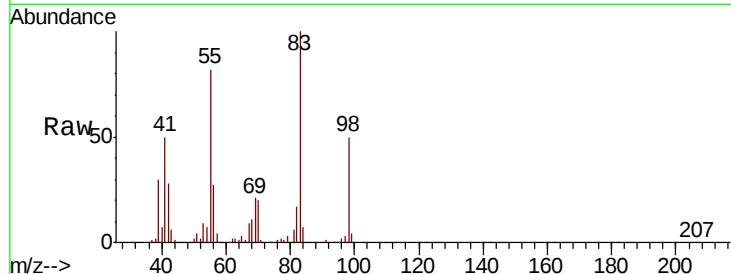




#39
Methvlcvclohexane
Concen: 54.420 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

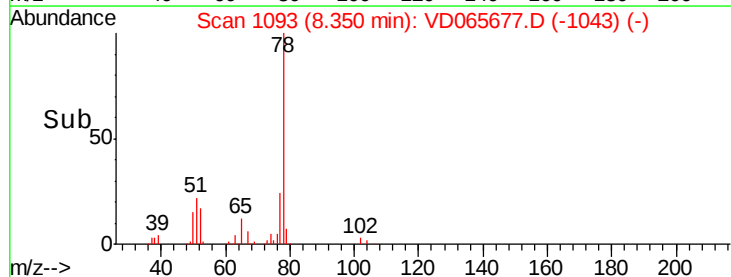
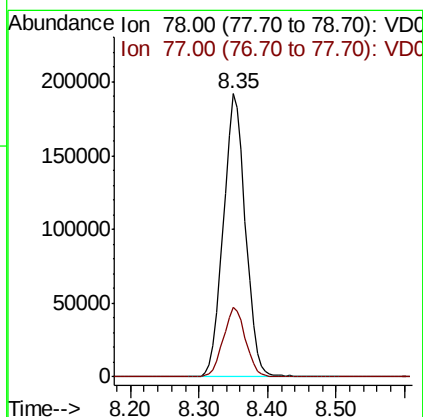
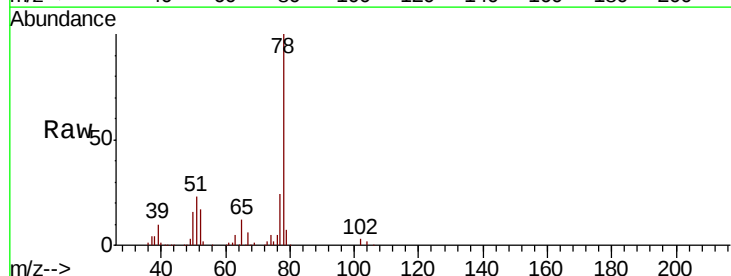
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

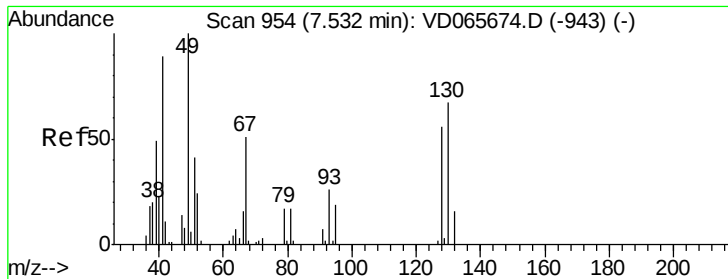
Tot Ion: 83 Resp: 188928
Ion Ratio Lower Upper
83 100
55 81.6 64.2 96.2
98 50.0 38.1 57.1



#40
Benzene
Concen: 49.258 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 78 Resp: 429889
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

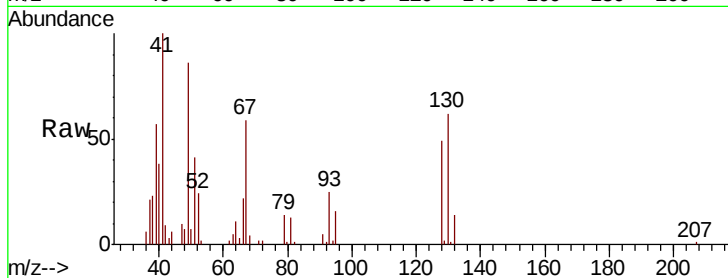




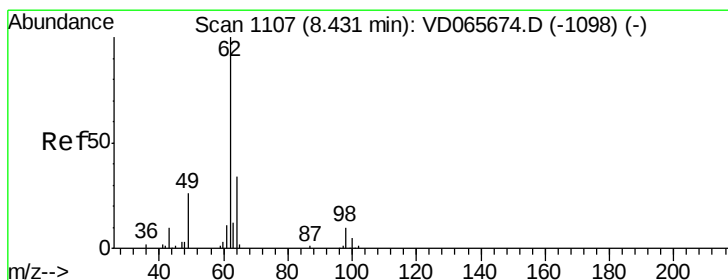
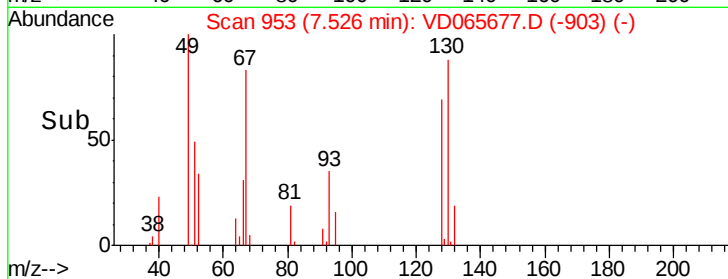
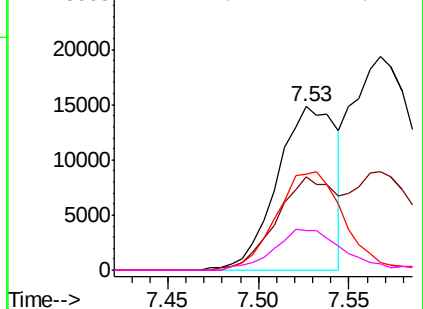
#41
Methacrylonitrile
Concen: 50.311 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion: 41 Resp: 33858
Ion Ratio Lower Upper
41 100
39 56.3 0.0 0.0#
67 68.4 56.0 84.0
52 29.3 27.0 40.4

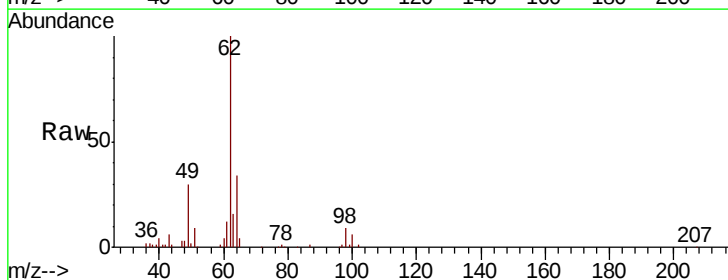


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

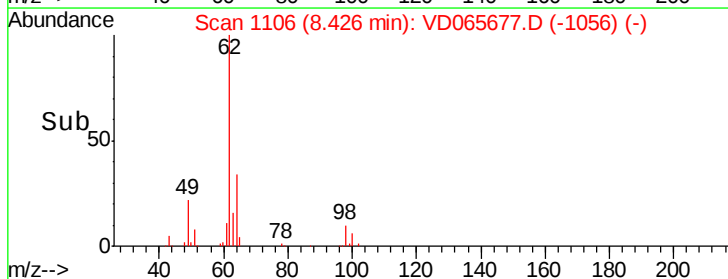
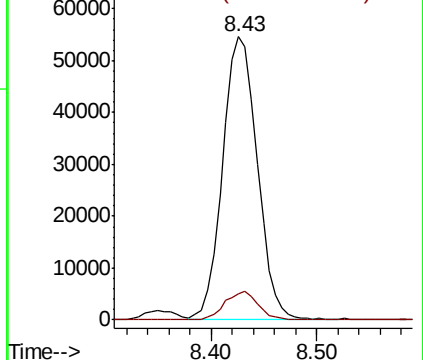


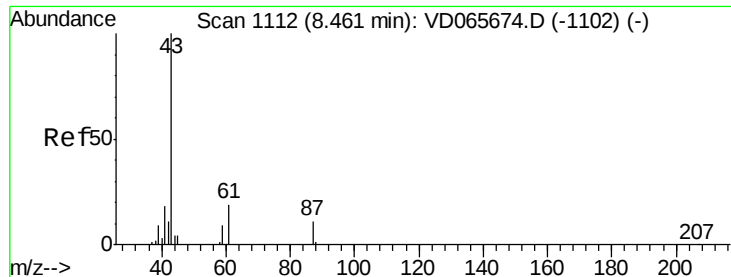
#42
1,2-Dichloroethane
Concen: 46.404 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 62 Resp: 124481
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.2



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

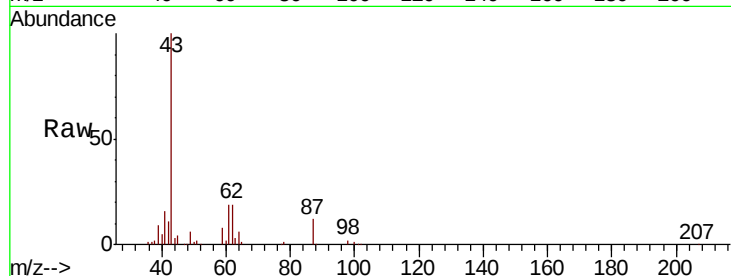




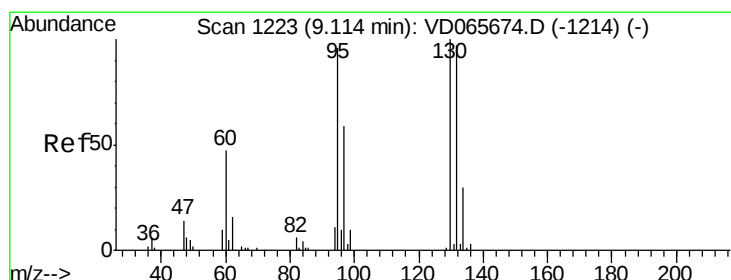
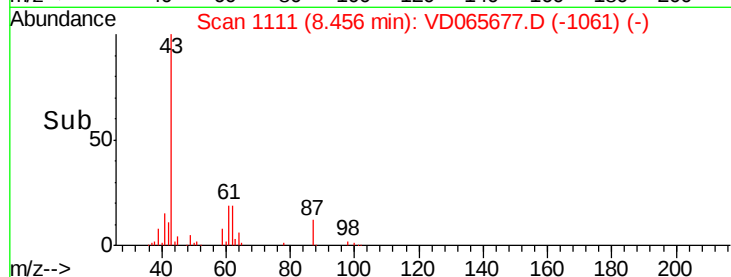
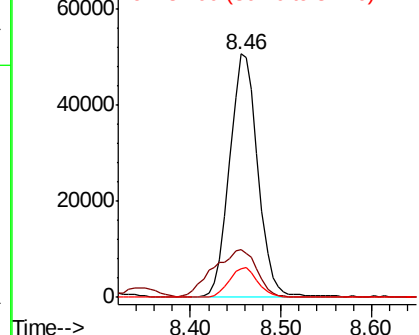
#43
Isopropyl Acetate
Concen: 46.785 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion: 43 Resp: 109948
Ion Ratio Lower Upper
43 100
61 30.2 24.4 36.6
87 12.1 9.3 13.9

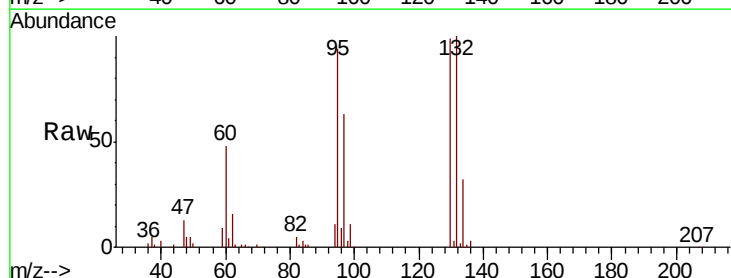


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

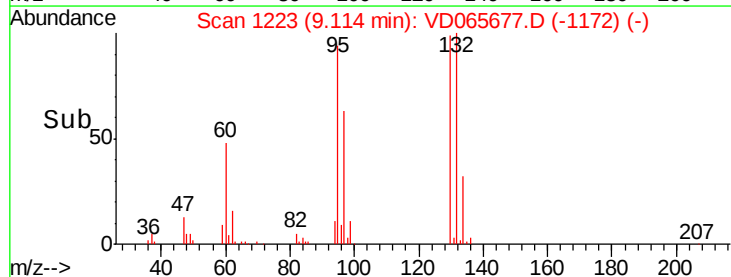
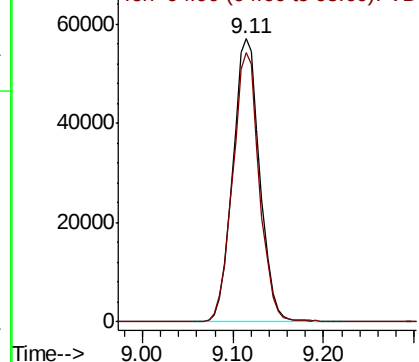


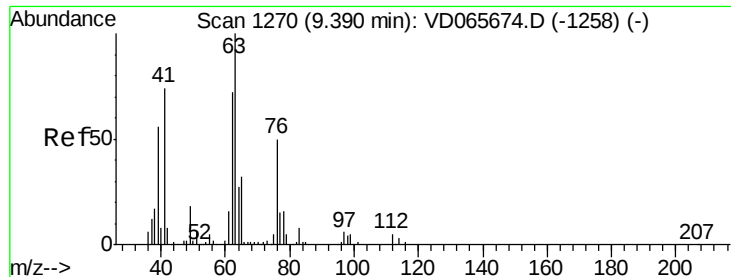
#44
Trichloroethene
Concen: 48.770 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:130 Resp: 117814
Ion Ratio Lower Upper
130 100
95 95.0 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: 47.774 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

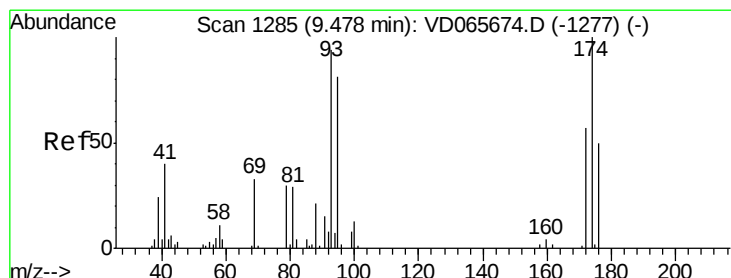
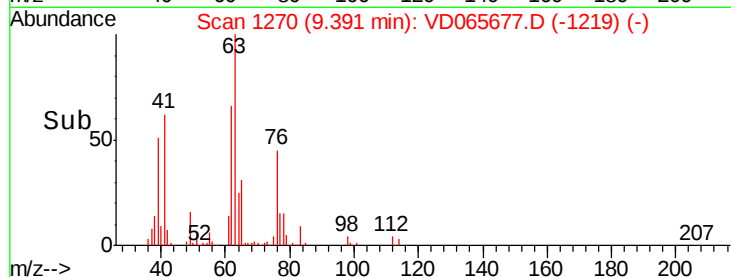
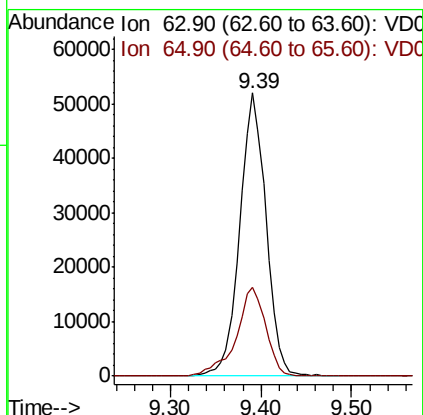
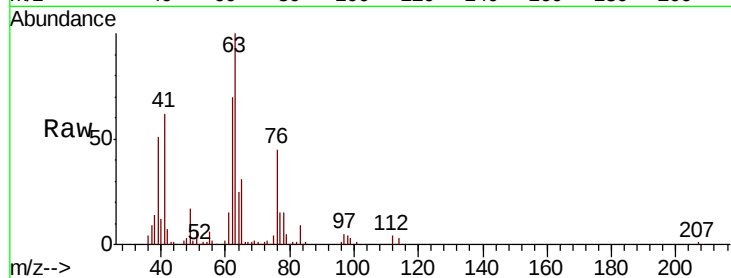
ICVVD042420

Tot Ion: 63 Resp: 105010

Ion Ratio Lower Upper

63 100

65 31.4 25.5 38.3



#46

Dibromomethane

Concen: 46.827 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

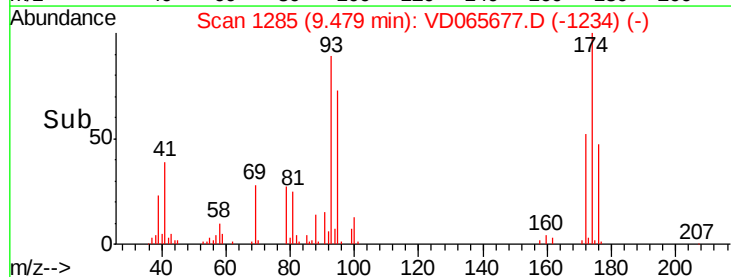
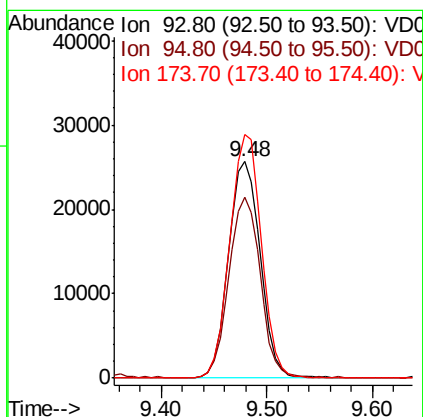
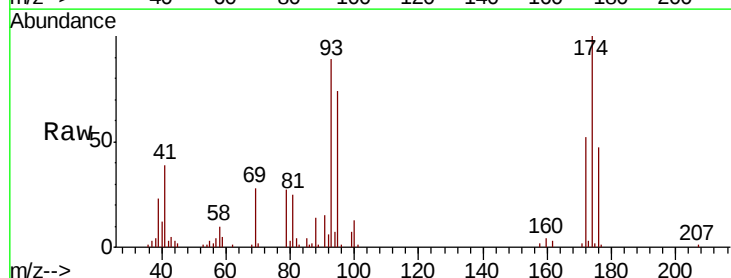
Tgt Ion: 93 Resp: 53415

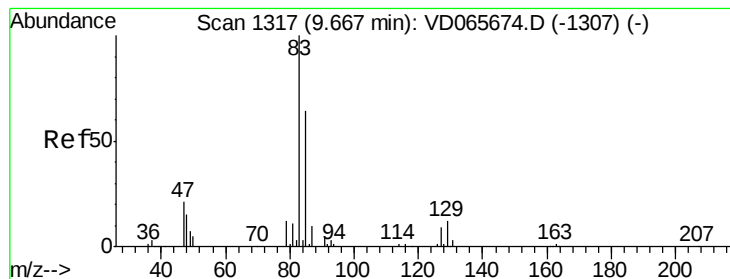
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 111.4 86.4 129.6





#47

Bromodichloromethane

Concen: 47.350 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

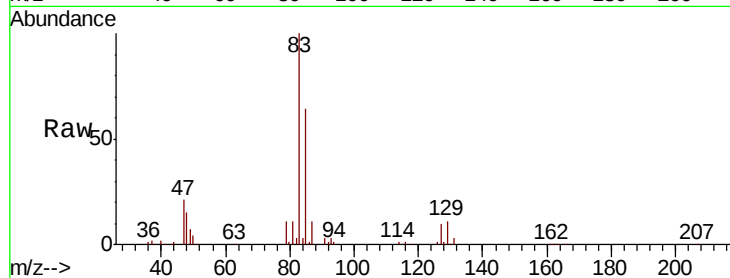
Tot Ion: 83 Resp: 146683

Ion Ratio Lower Upper

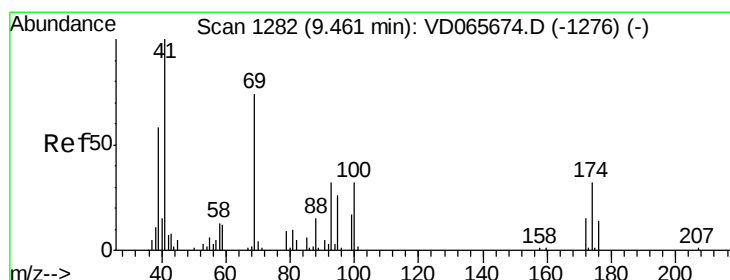
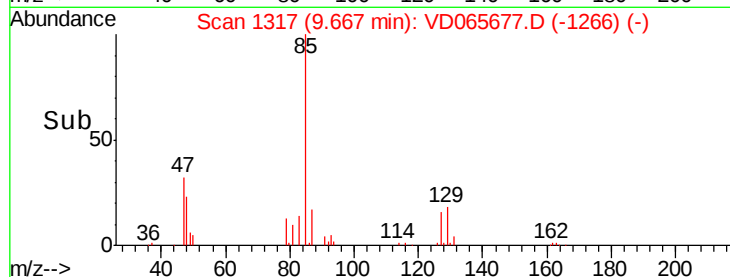
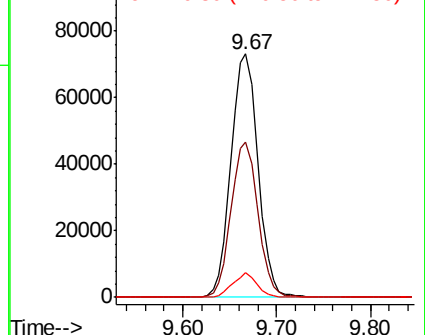
83 100

85 63.9 51.0 76.6

127 10.0 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: 47.434 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

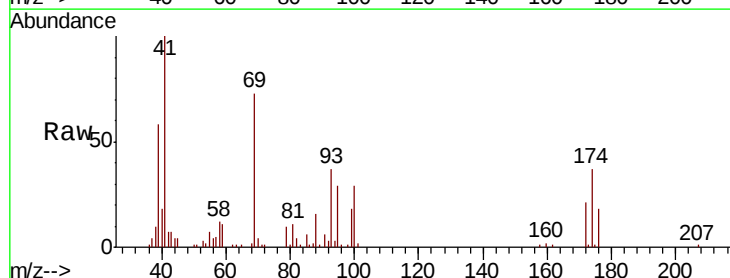
Tgt Ion: 41 Resp: 54204

Ion Ratio Lower Upper

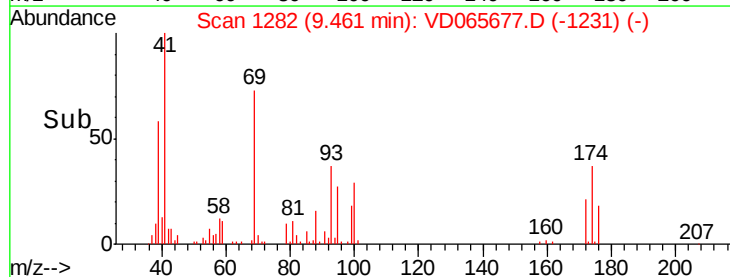
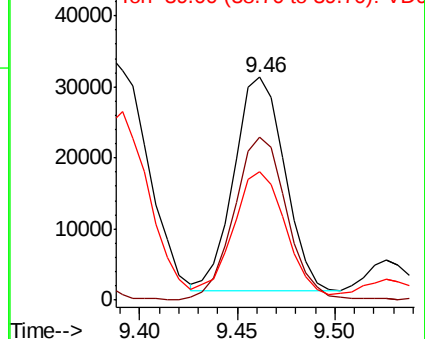
41 100

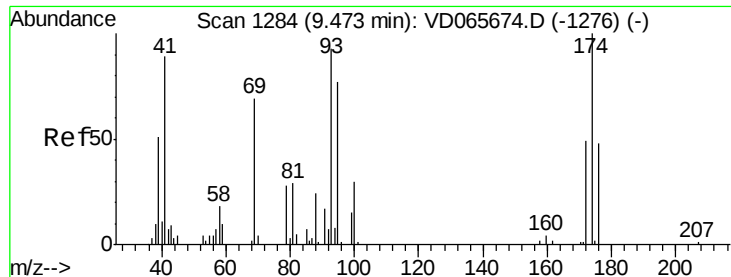
69 79.5 62.4 93.6

39 58.0 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: 851.498 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

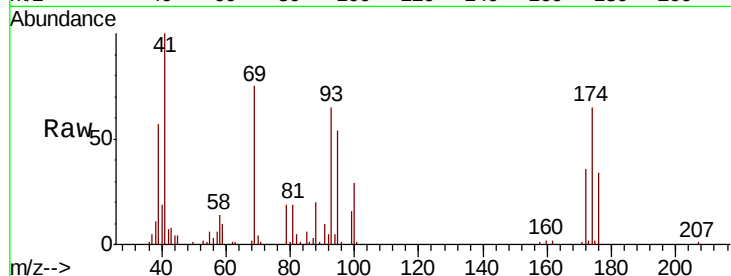
Tot Ion: 88 Resp: 11570

Ion Ratio Lower Upper

88 100

43 41.3 34.2 51.2

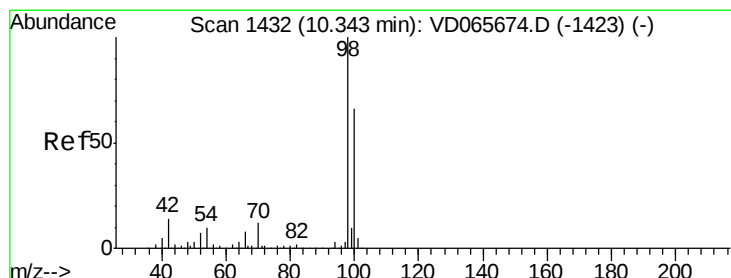
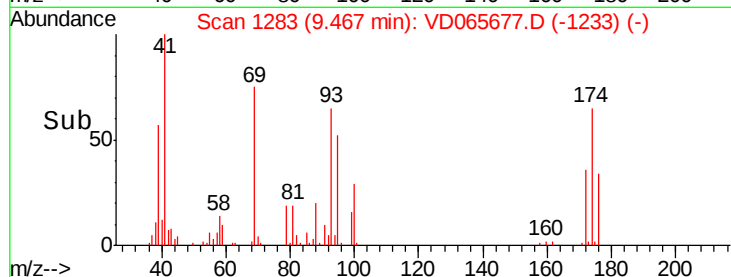
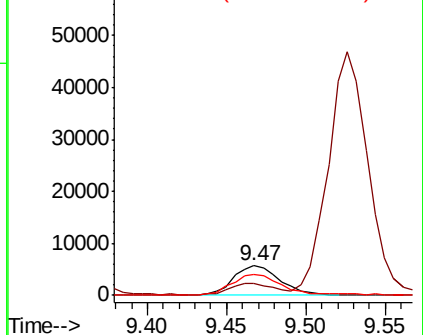
58 73.2 58.2 87.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 47.018 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065677.D

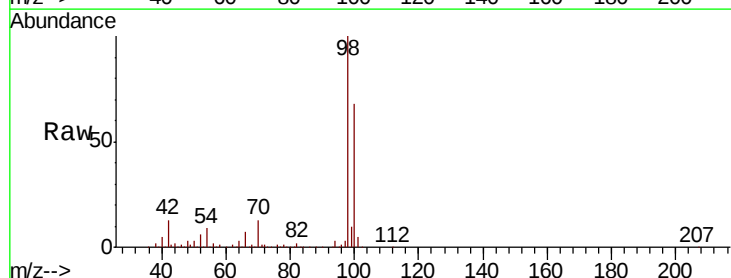
Acq: 24 Apr 2020 15:49

Tgt Ion: 98 Resp: 336234

Ion Ratio Lower Upper

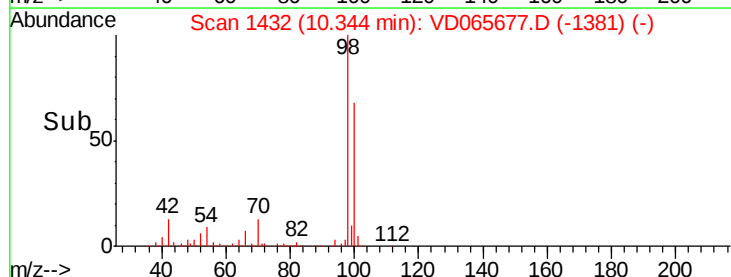
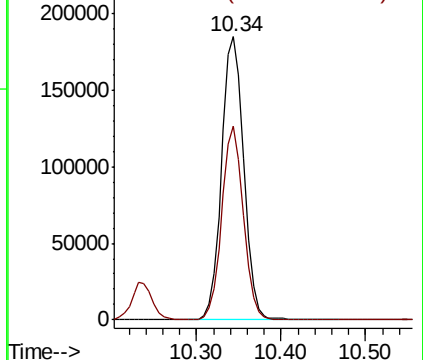
98 100

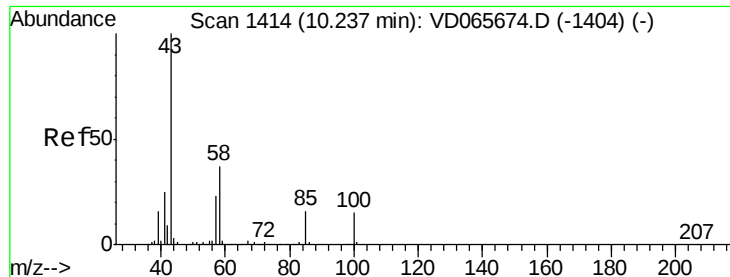
100 66.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 235.115 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

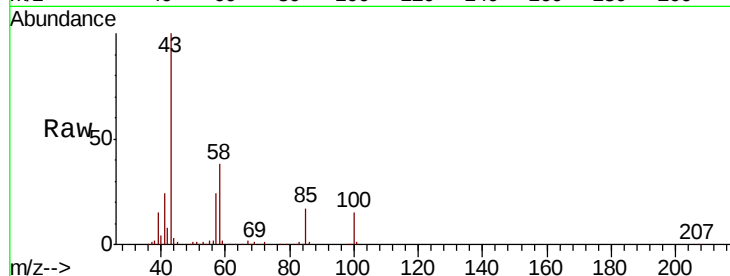
ICVVD042420

Tot Ion: 43 Resp: 285078

Ion Ratio Lower Upper

43 100

58 37.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

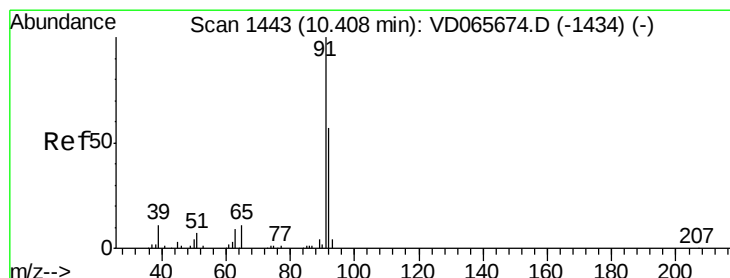
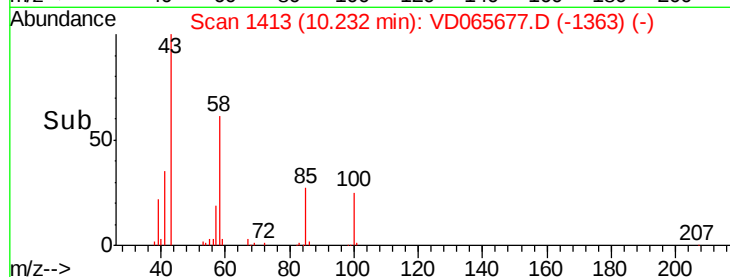
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.009 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065677.D

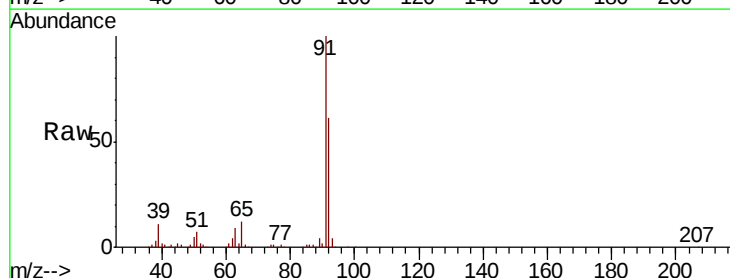
Acq: 24 Apr 2020 15:49

Tgt Ion: 92 Resp: 276466

Ion Ratio Lower Upper

92 100

91 171.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

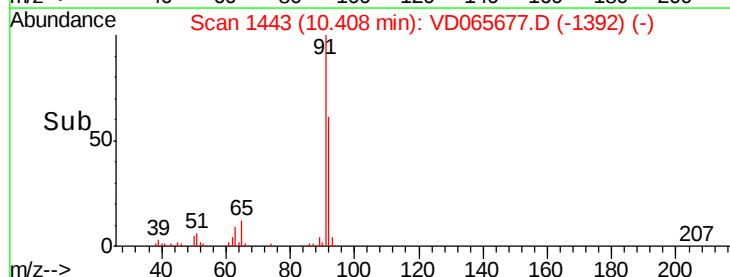
150000

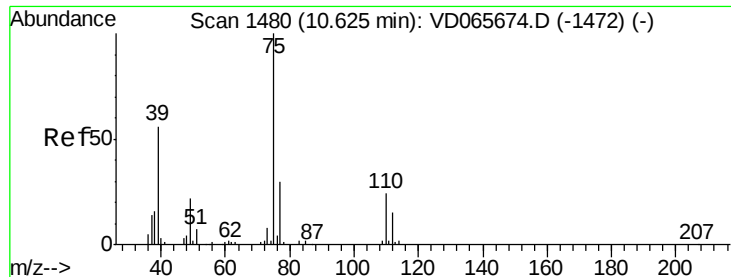
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.131 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

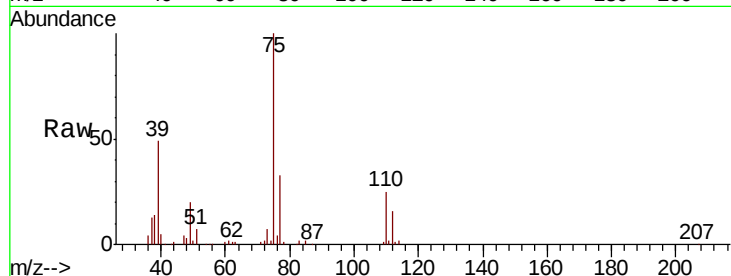
ICVVD042420

Tot Ion: 75 Resp: 135317

Ion Ratio Lower Upper

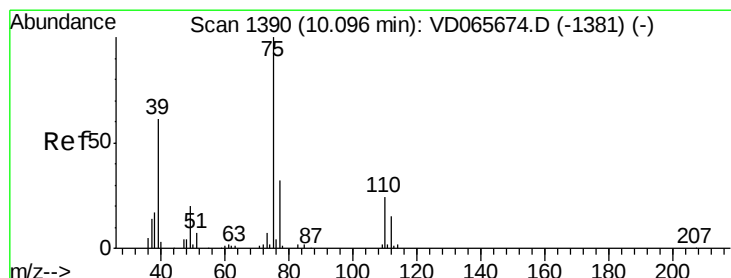
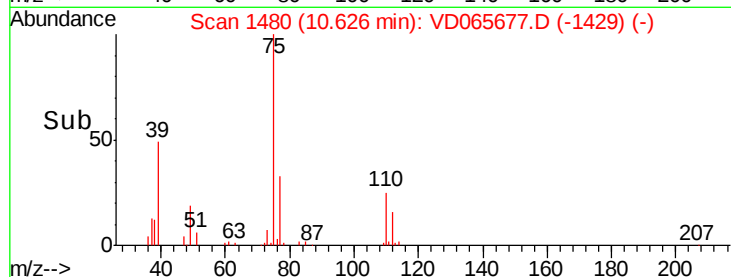
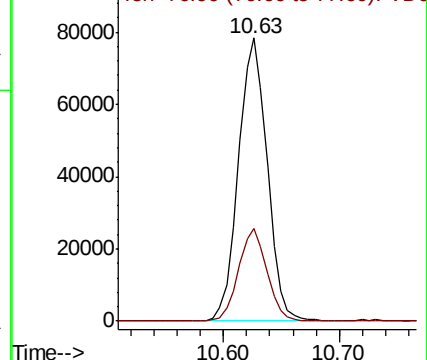
75 100

77 32.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 49.074 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

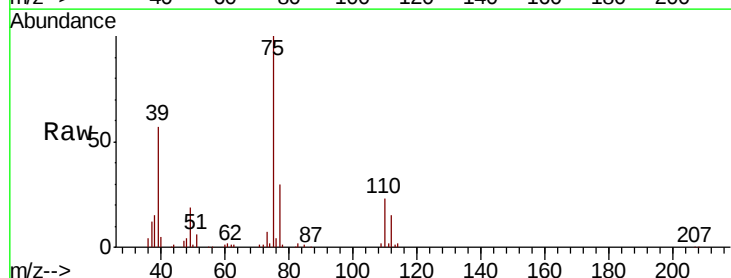
Tgt Ion: 75 Resp: 161645

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0

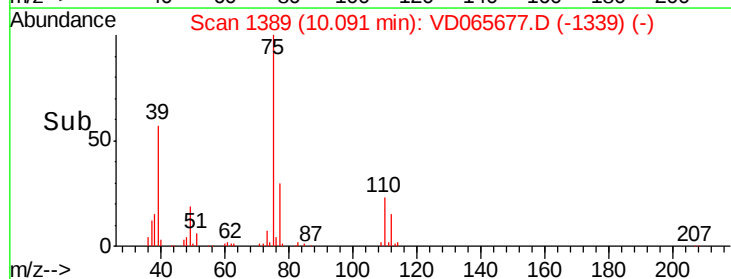
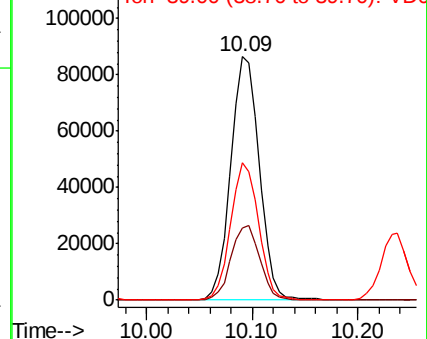
39 56.4 48.5 72.7

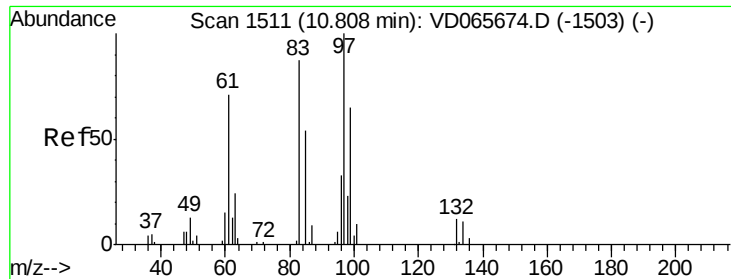


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

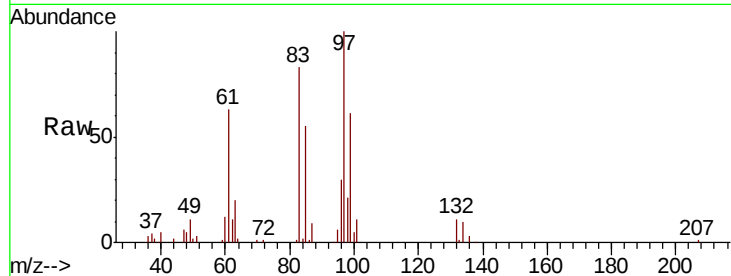




#55
 1,1,2-Trichloroethane
 Concen: 46.295 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

Tot Ion	Resp	Lower	Upper
97	73170		
Ion Ratio			
97	100		
83	83.0	69.6	104.4
85	55.4	43.5	65.3
99	60.7	51.7	77.5



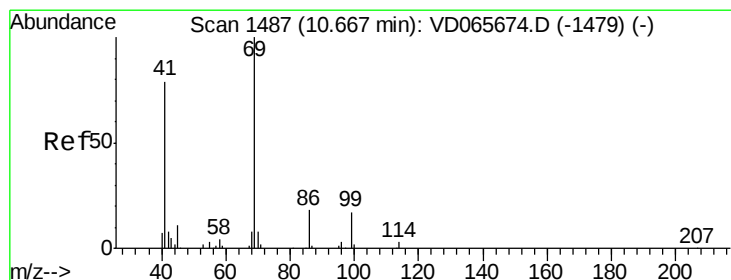
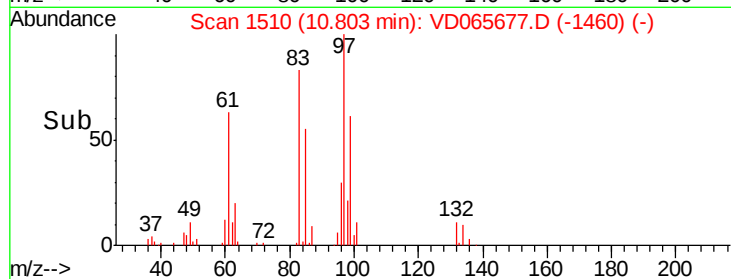
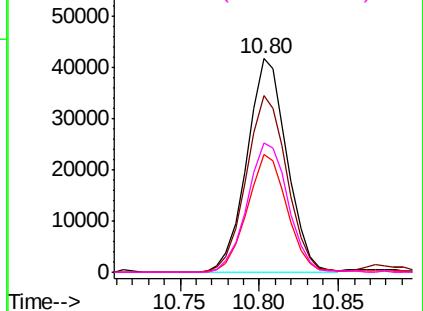
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

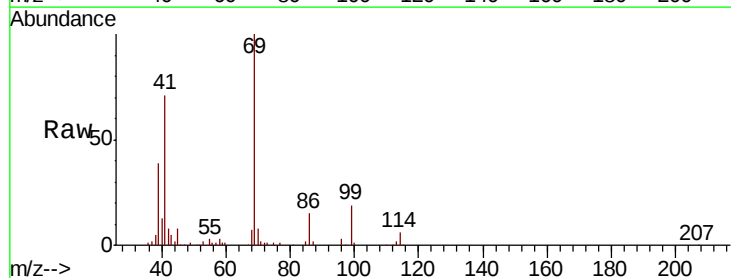
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 44.441 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion	Resp	Lower	Upper
69	85374		
Ion Ratio			
69	100		
41	71.8	62.3	93.5
39	38.0	34.4	51.6

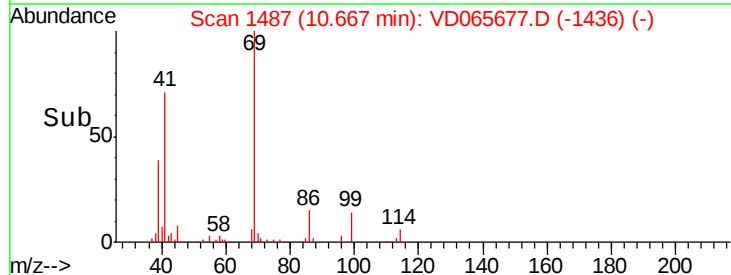
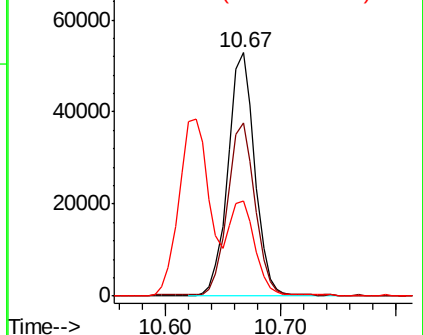


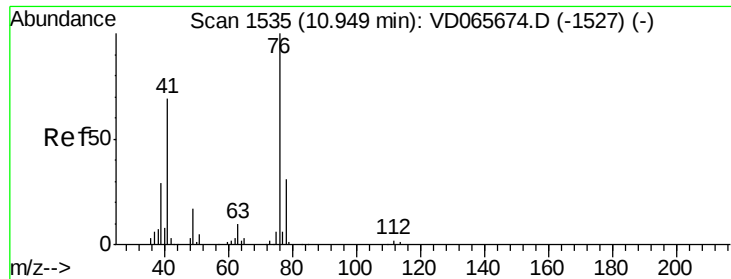
Abundance

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: 47.729 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

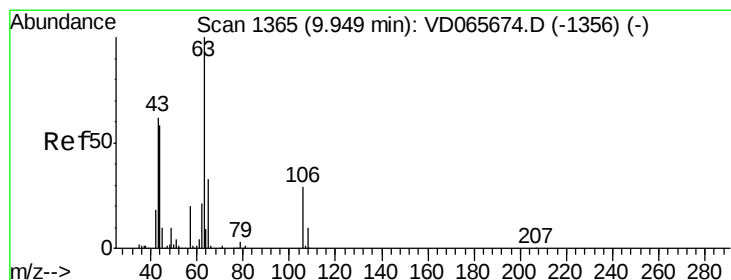
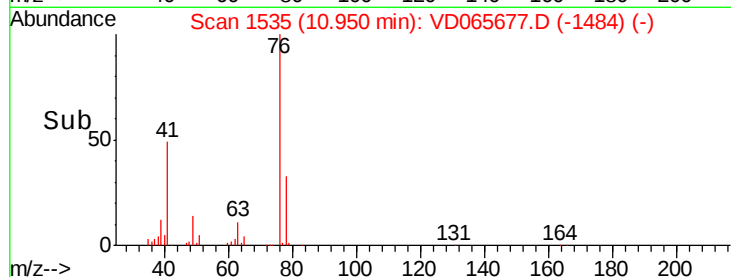
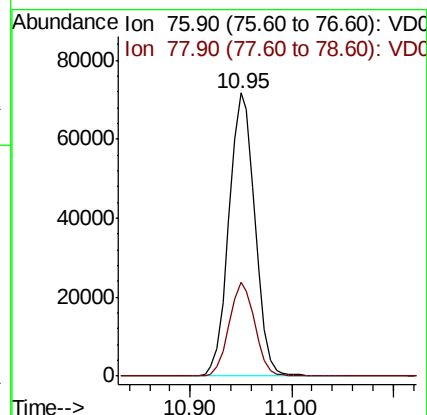
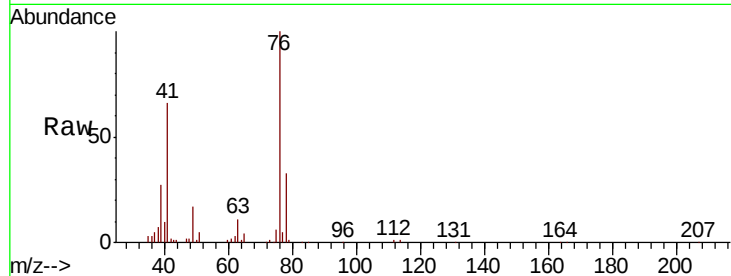
ICVVD042420

Tot Ion: 76 Resp: 127448

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 244.158 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065677.D

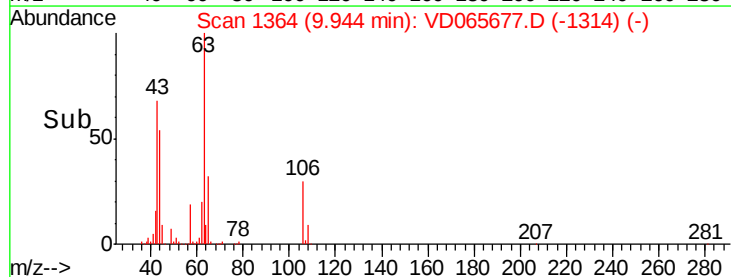
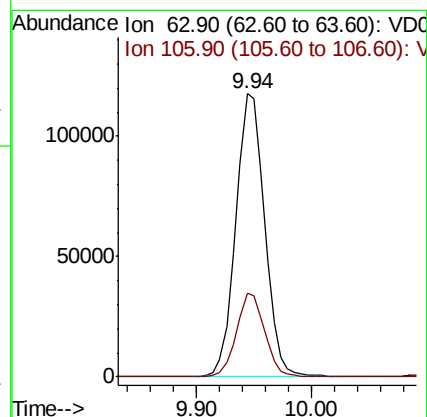
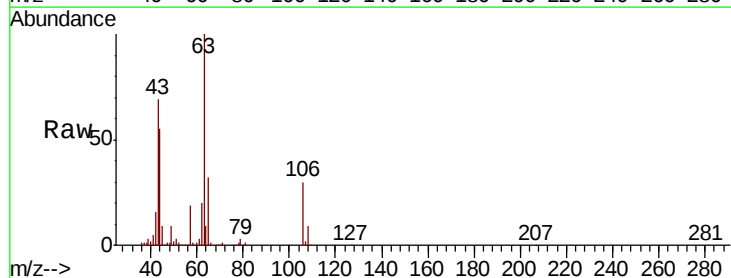
Acq: 24 Apr 2020 15:49

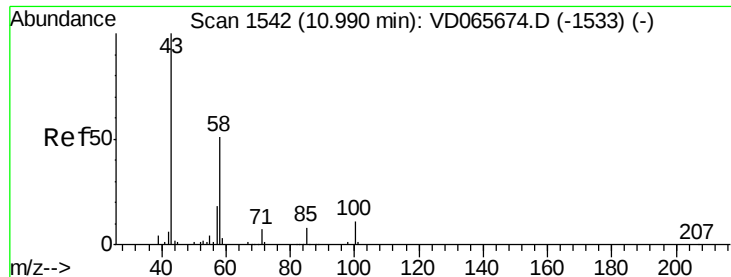
Tgt Ion: 63 Resp: 204059

Ion Ratio Lower Upper

63 100

106 28.7 22.9 34.3

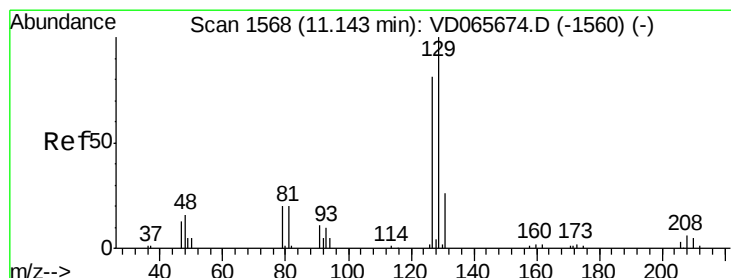
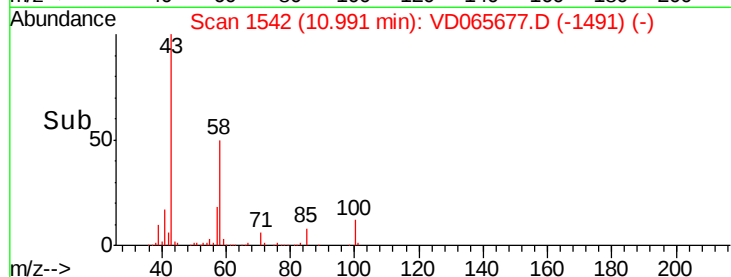
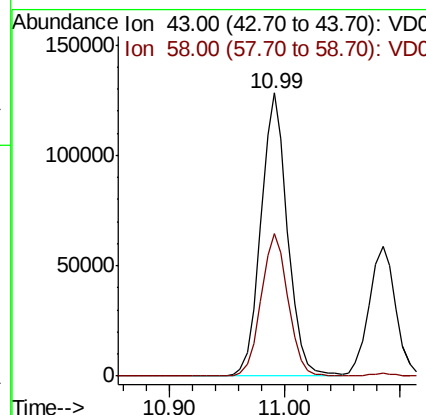
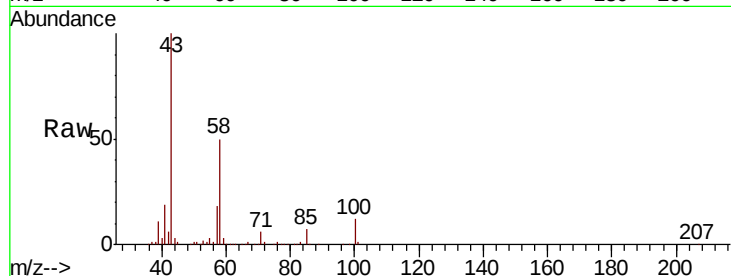




#59
2-Hexanone
Concen: 248.060 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

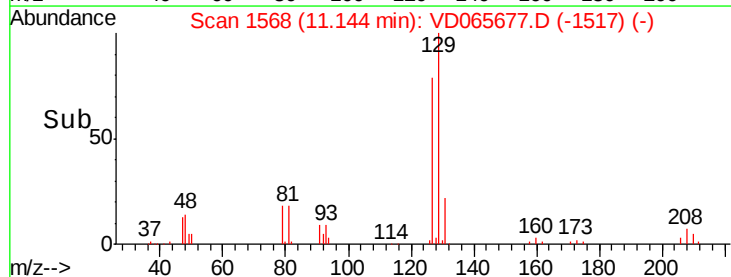
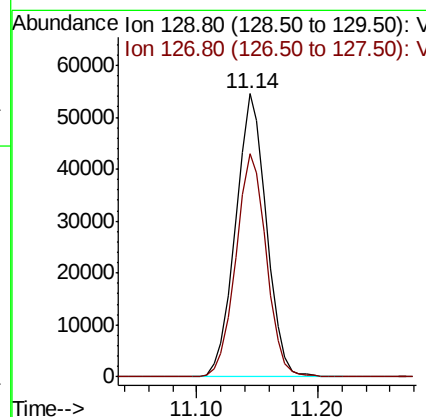
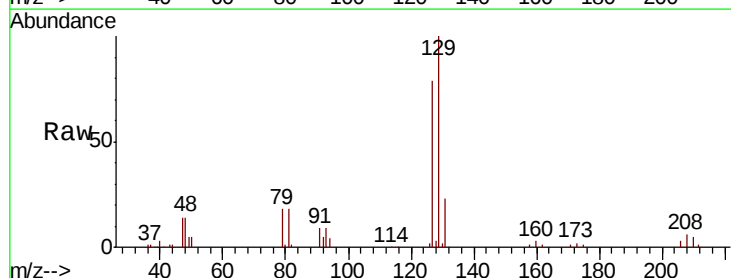
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

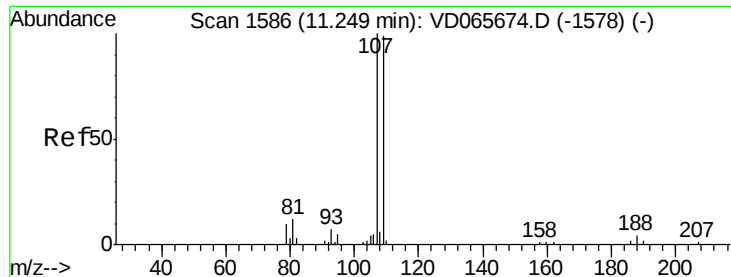
Tot Ion: 43 Resp: 206368
Ion Ratio Lower Upper
43 100
58 51.0 24.9 74.7



#60
Dibromochloromethane
Concen: 45.678 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 129 Resp: 96982
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.5

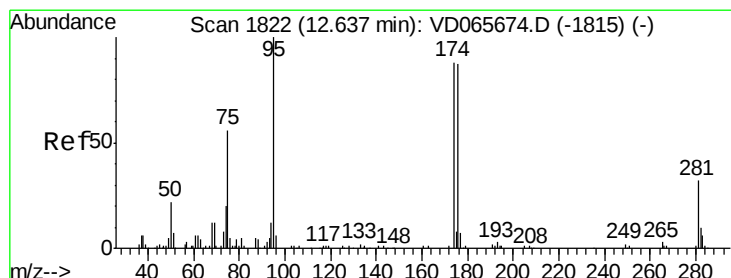
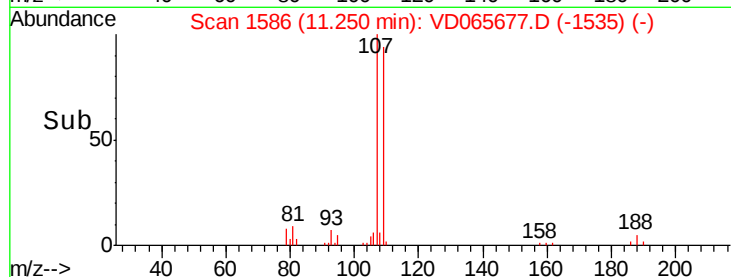
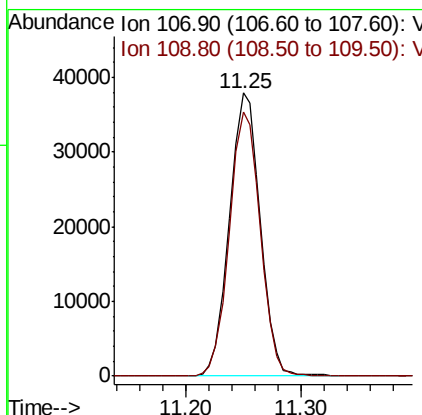
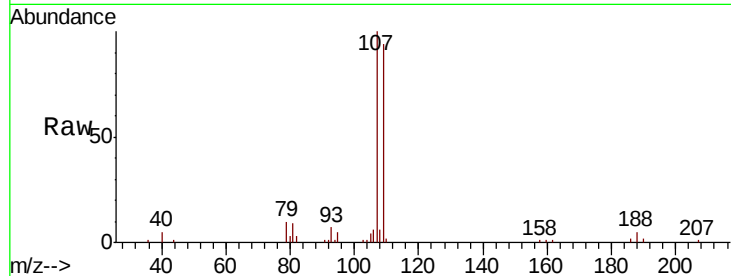




#61
 1,2-Dibromoethane
 Concen: 47.355 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

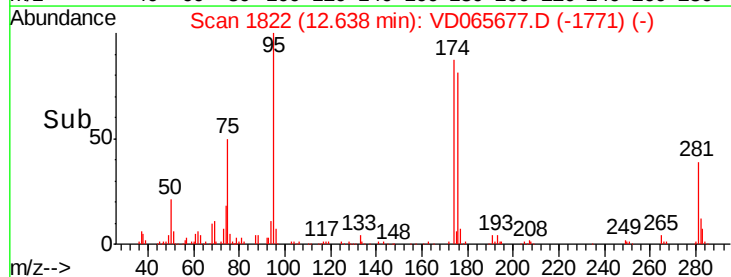
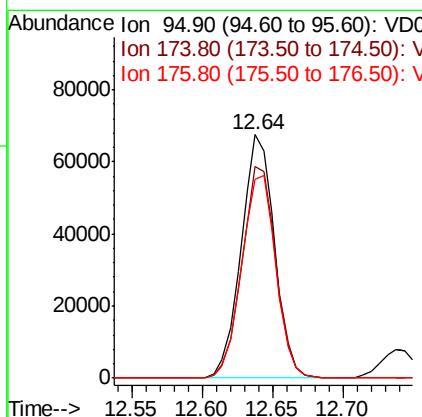
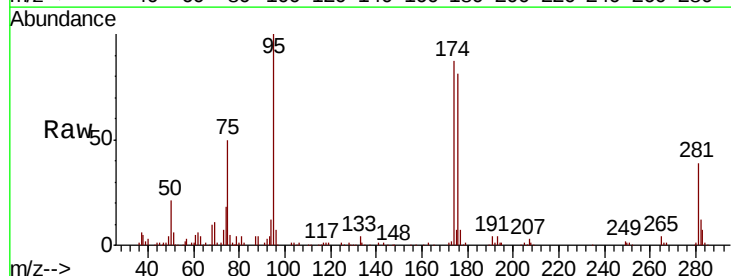
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

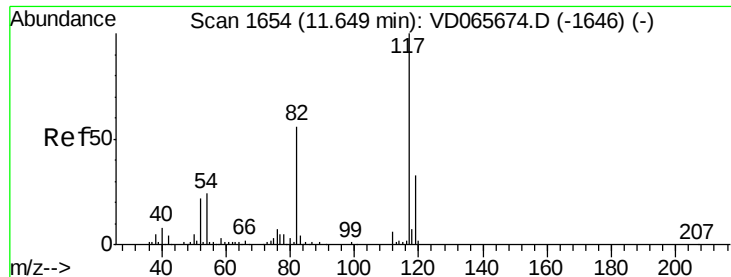
Tot Ion:107 Resp: 70180
 Ion Ratio Lower Upper
 107 100
 109 93.4 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 47.649 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion: 95 Resp: 111233
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 181.0
 176 85.7 0.0 178.0

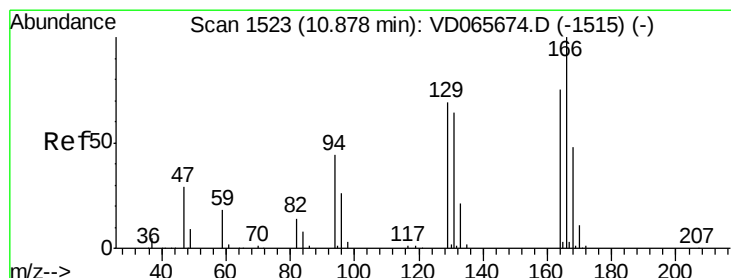
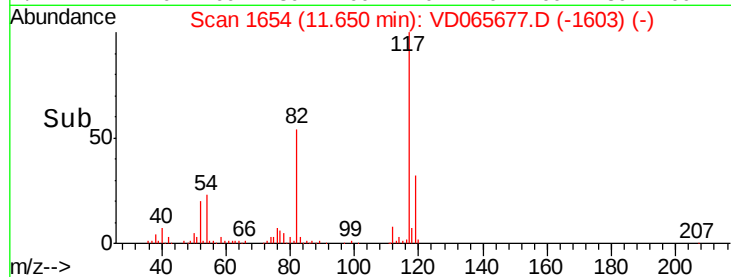
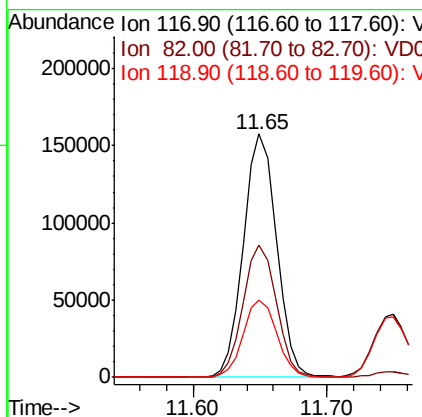
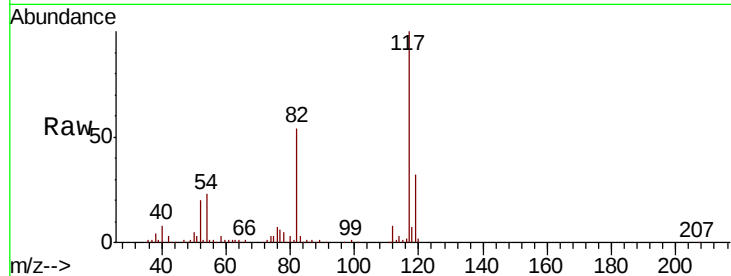




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

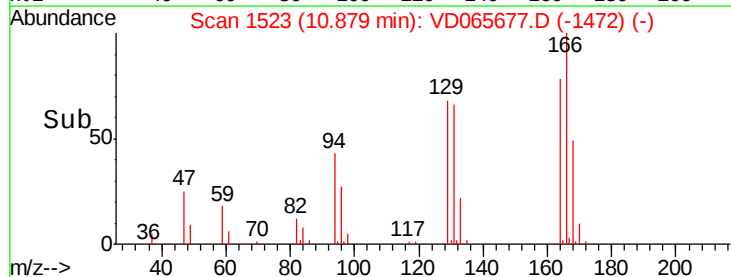
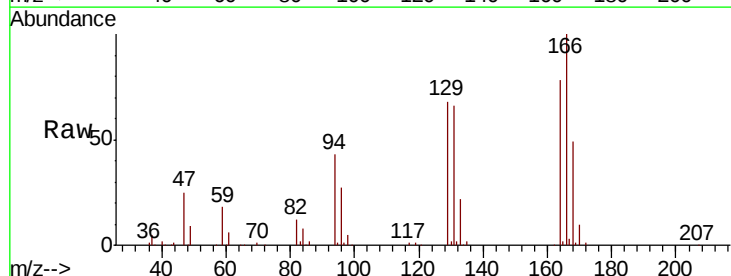
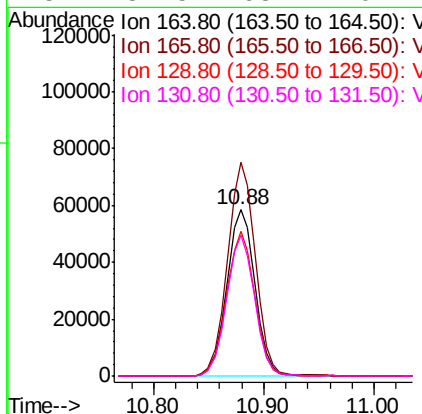
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

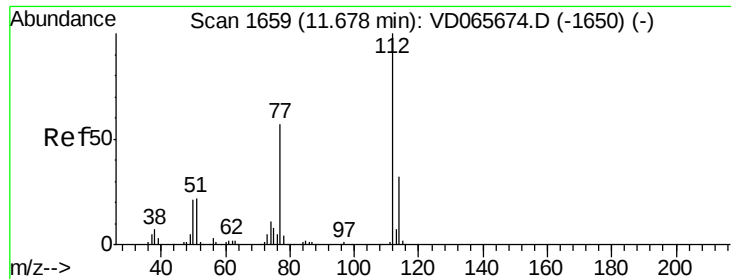
Tot Ion:117 Resp: 271261
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 50.604 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:164 Resp: 104547
Ion Ratio Lower Upper
164 100
166 128.4 106.1 159.1
129 87.1 73.0 109.4
131 84.5 68.1 102.1





#65

Chlorobenzene

Concen: 49.025 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

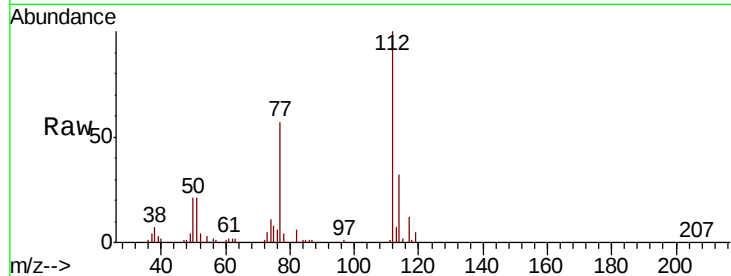
ICVVD042420

Tot Ion:112 Resp: 283676

Ion Ratio Lower Upper

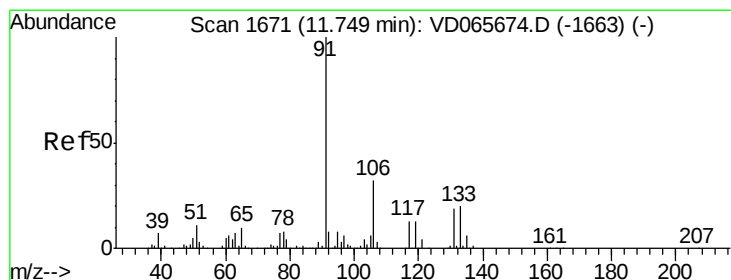
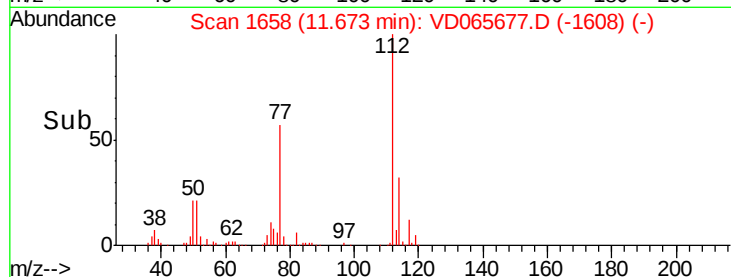
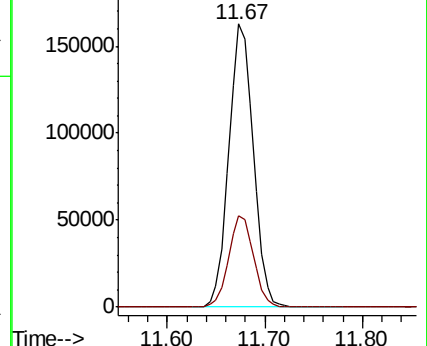
112 100

114 32.1 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: 48.178 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

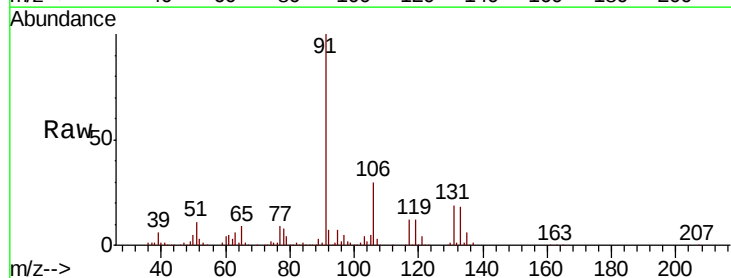
Tgt Ion:131 Resp: 108073

Ion Ratio Lower Upper

131 100

133 97.2 48.9 146.7

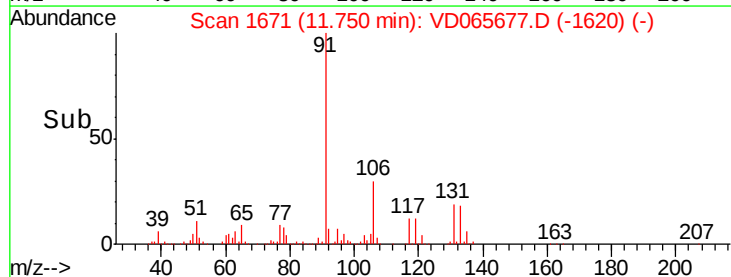
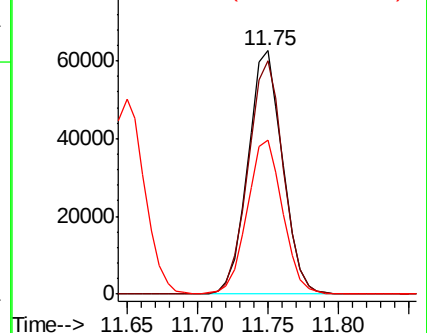
119 64.9 32.6 97.7

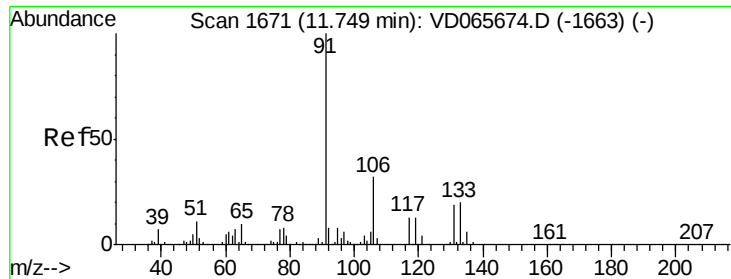


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.091 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

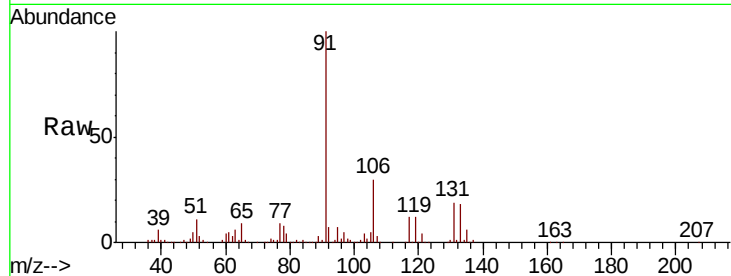
ICVVD042420

Tot Ion: 91 Resp: 522965

Ion Ratio Lower Upper

91 100

106 29.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC

500000

400000

300000

200000

100000

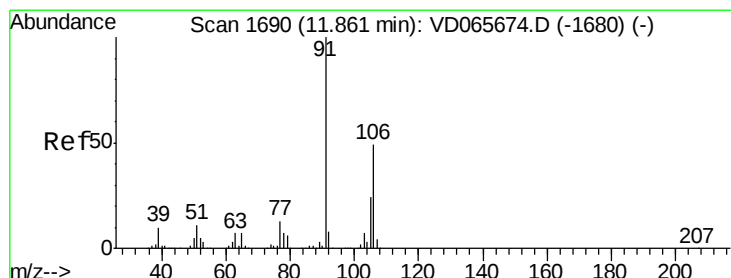
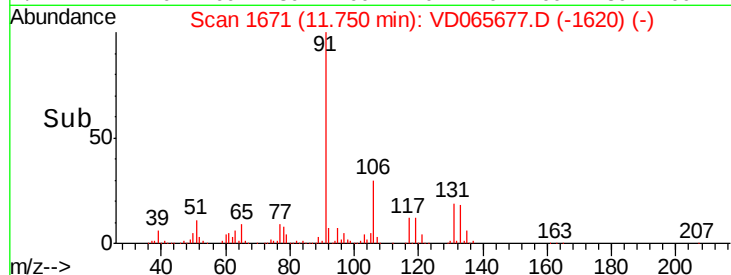
0

11.70

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 107.742 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065677.D

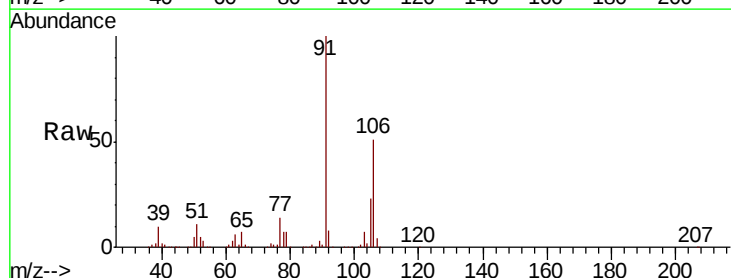
Acq: 24 Apr 2020 15:49

Tgt Ion: 106 Resp: 412367

Ion Ratio Lower Upper

106 100

91 198.9 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

500000

400000

300000

200000

100000

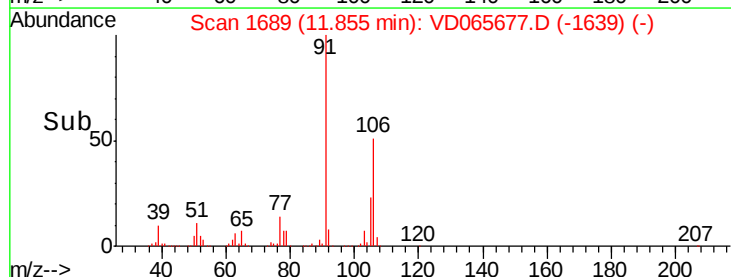
0

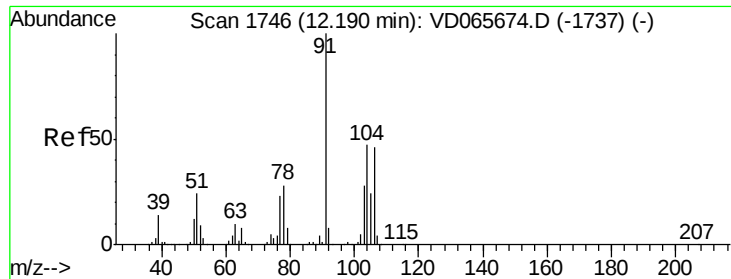
11.80

11.86

11.90

Time-->

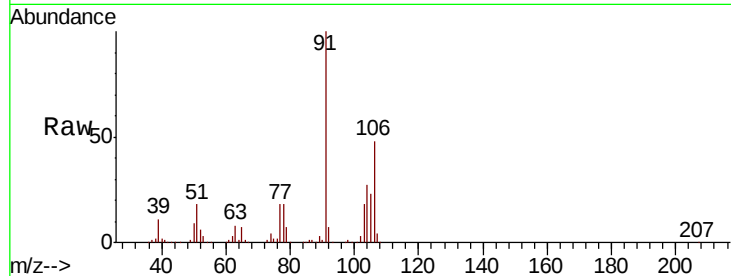




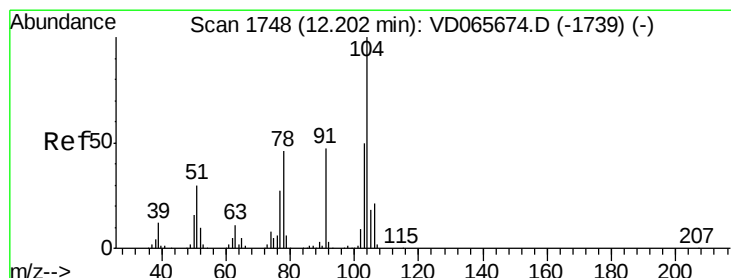
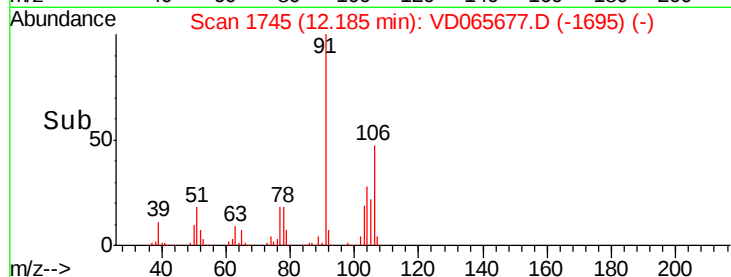
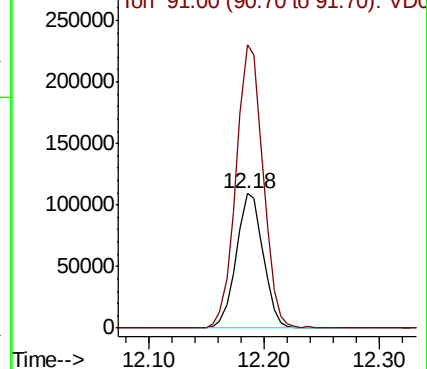
#69
o-Xylene
Concen: 53.878 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion:106 Resp: 177158
Ion Ratio Lower Upper
106 100
91 210.7 109.9 329.8

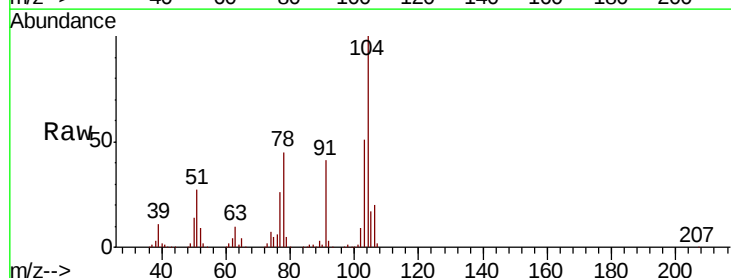


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

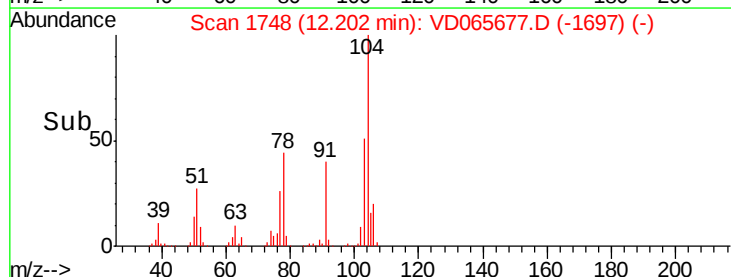
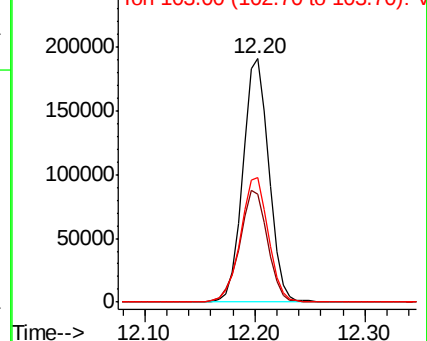


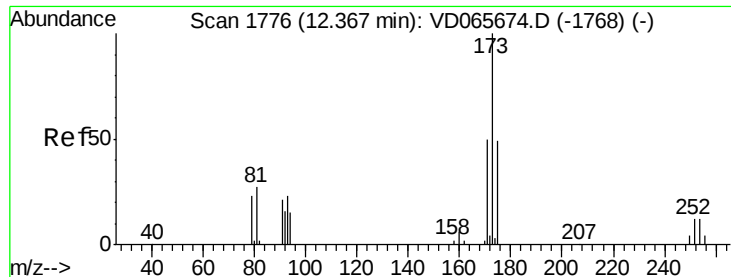
#70
Styrene
Concen: 48.640 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:104 Resp: 315975
Ion Ratio Lower Upper
104 100
78 49.3 39.6 59.4
103 55.0 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

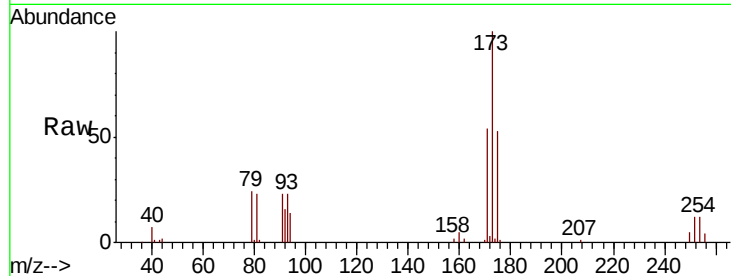




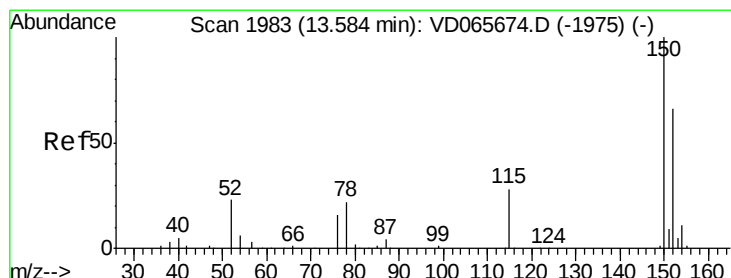
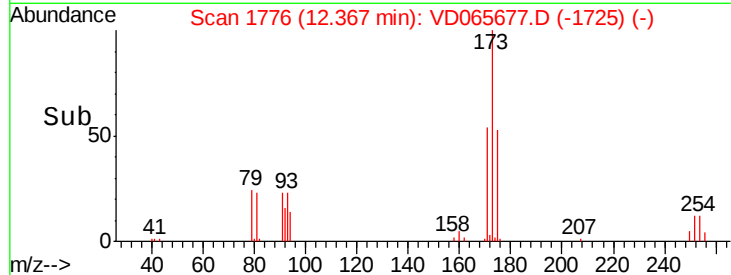
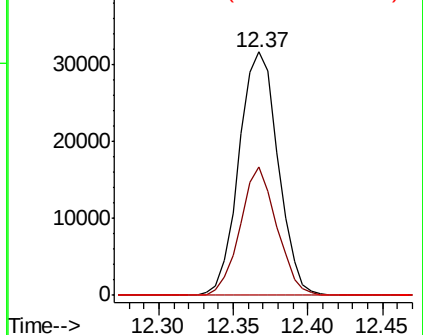
#71
Bromoform
Concen: 46.116 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion:173 Resp: 57516
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

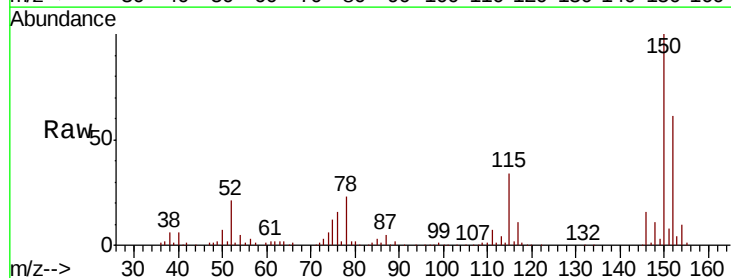


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

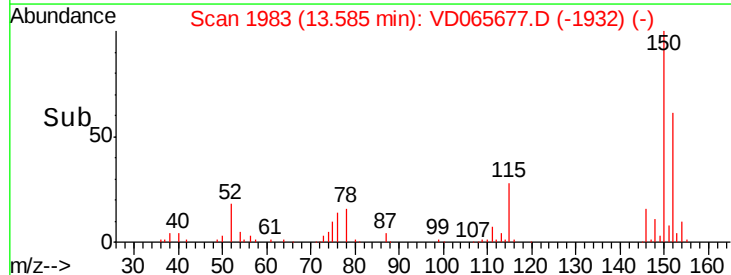
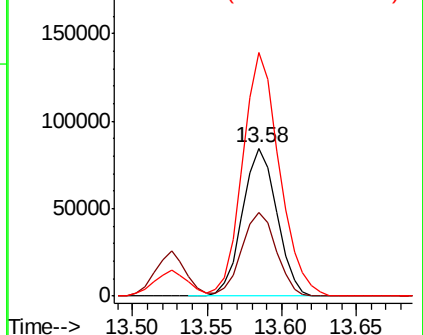


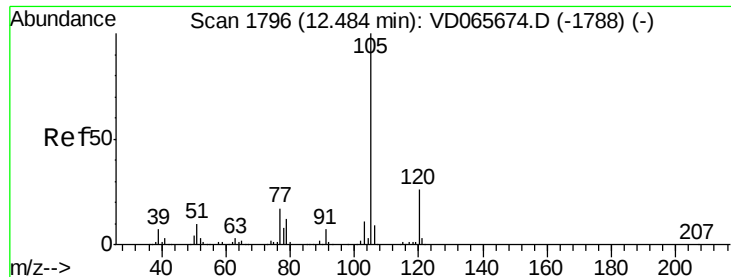
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:152 Resp: 135779
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 175.0 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: 57.926 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

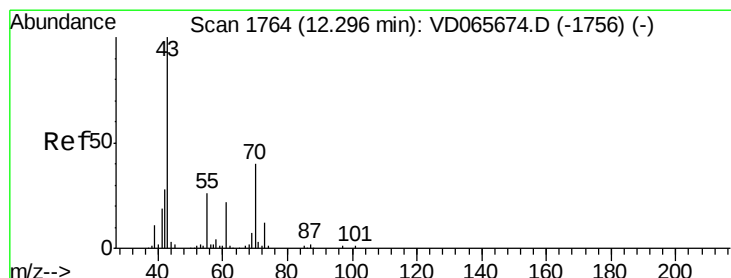
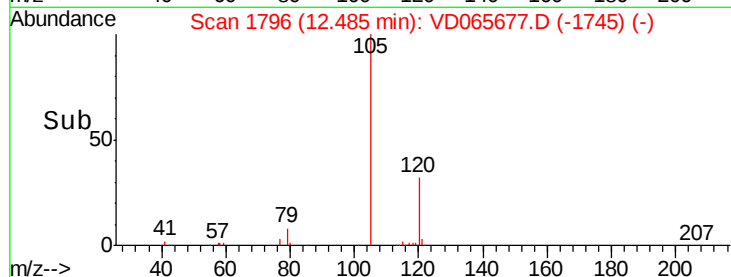
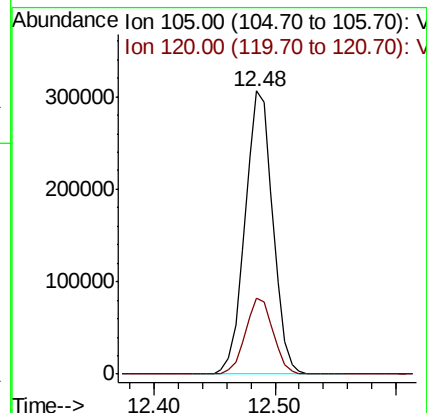
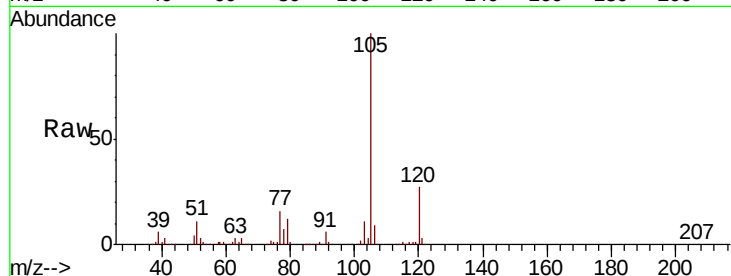
ICVVD042420

Tot Ion:105 Resp: 491337

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.3



#74

N-ethyl acetate

Concen: 50.539 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Tgt Ion: 43 Resp: 97937

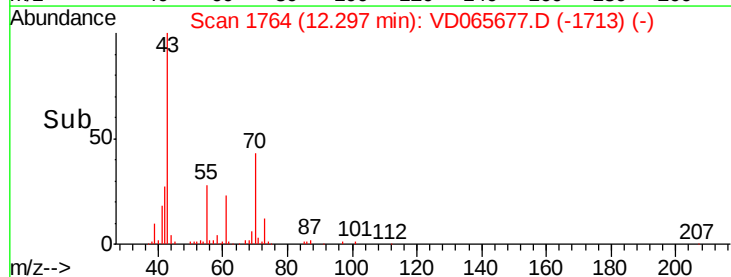
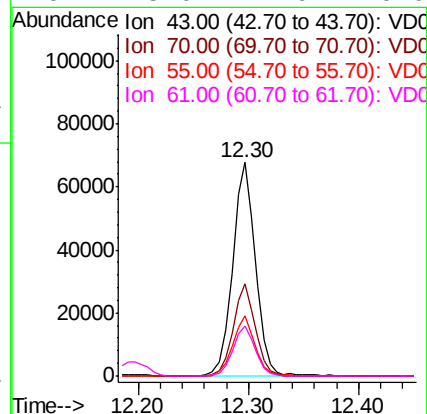
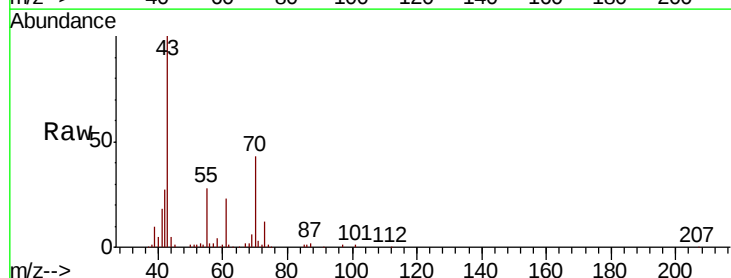
Ion Ratio Lower Upper

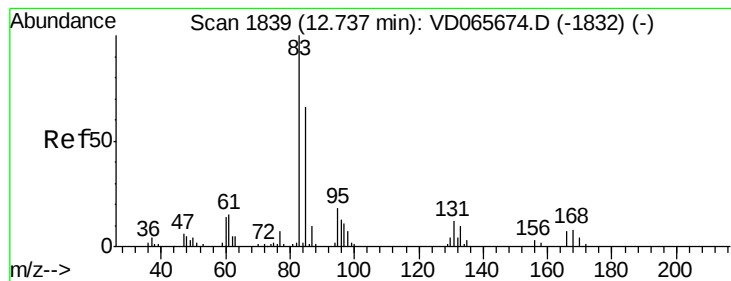
43 100

70 41.4 32.2 48.4

55 27.2 21.4 32.2

61 23.0 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.137 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

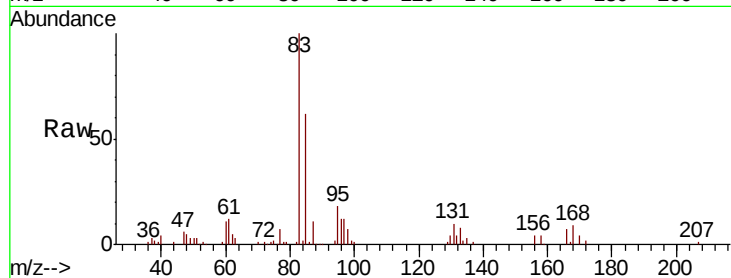
Tot Ion: 83 Resp: 75569

Ion Ratio Lower Upper

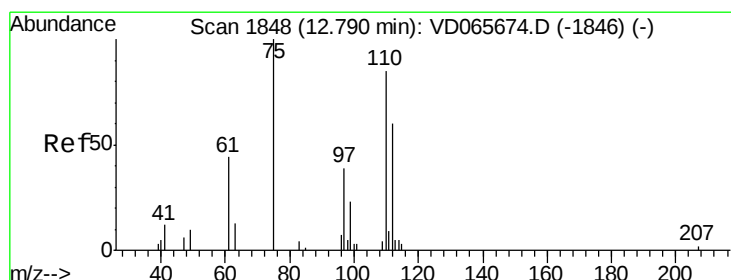
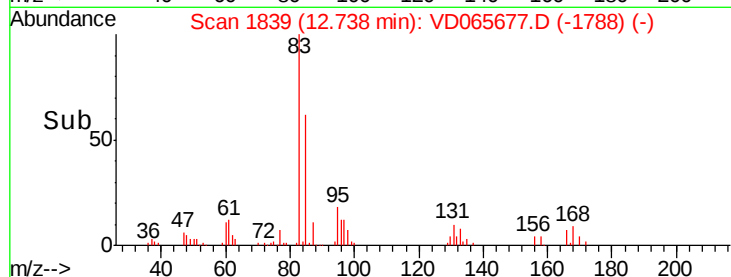
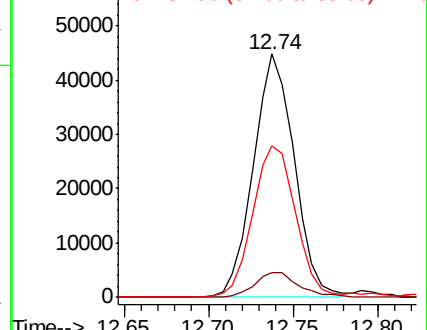
83 100

131 11.1 5.5 16.7

85 66.7 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: 48.691 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065677.D

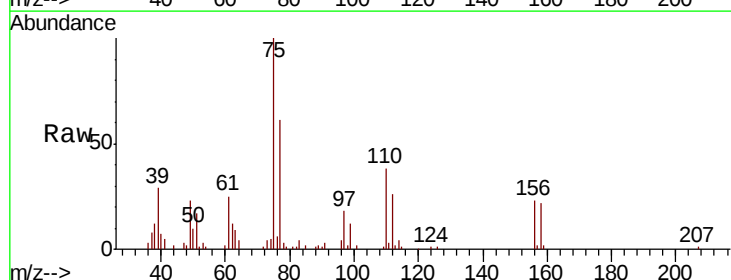
Acq: 24 Apr 2020 15:49

Tgt Ion: 75 Resp: 53178

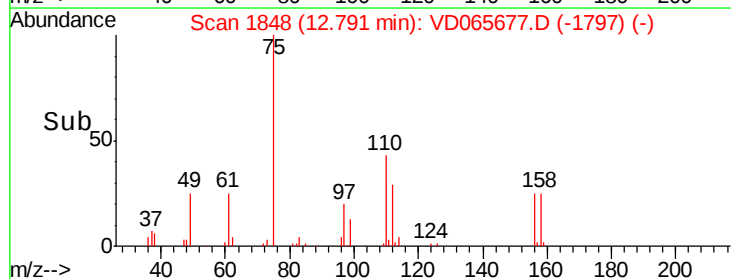
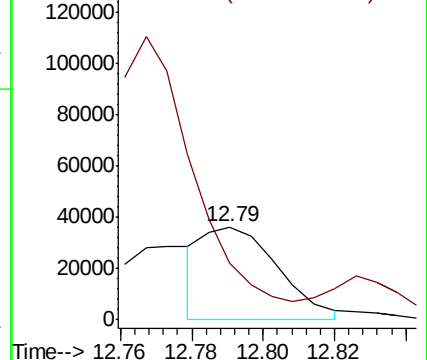
Ion Ratio Lower Upper

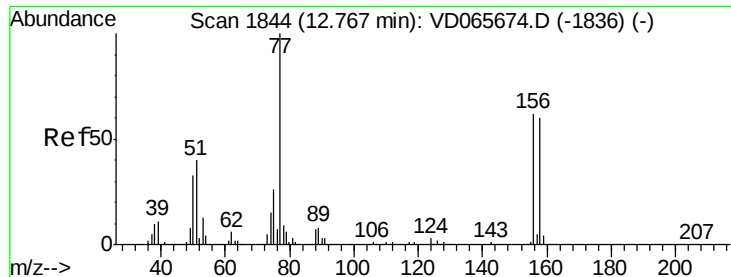
75 100

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: 52.304 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

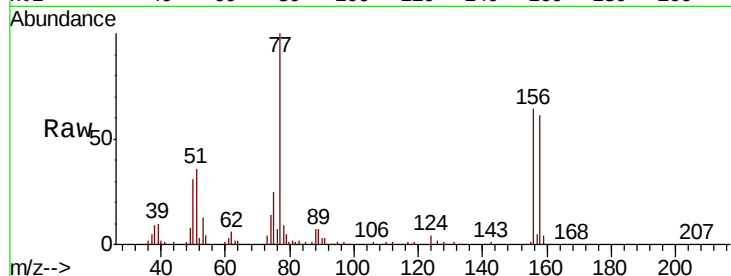
Tot Ion:156 Resp: 116418

Ion Ratio Lower Upper

156 100

77 171.5 87.3 261.9

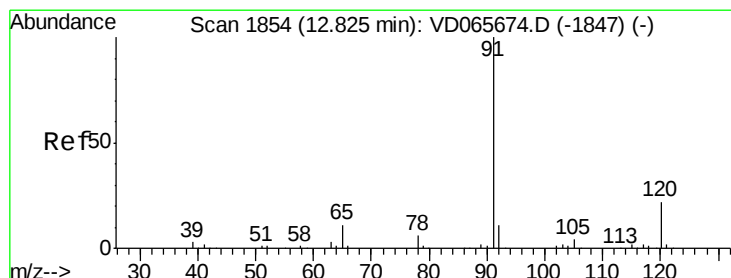
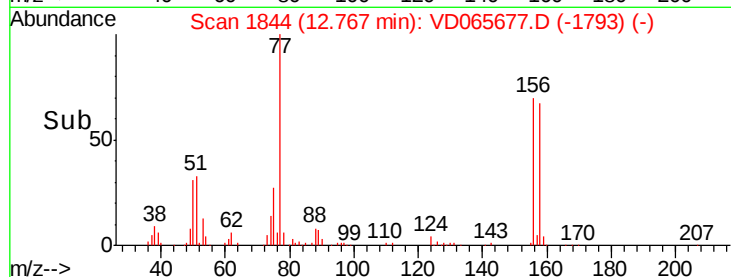
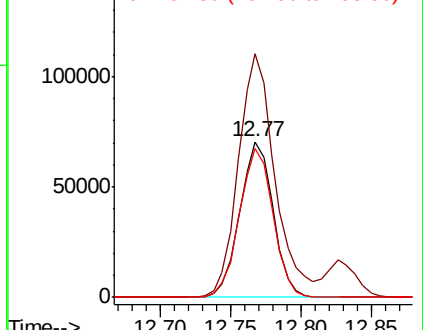
158 96.5 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.260 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065677.D

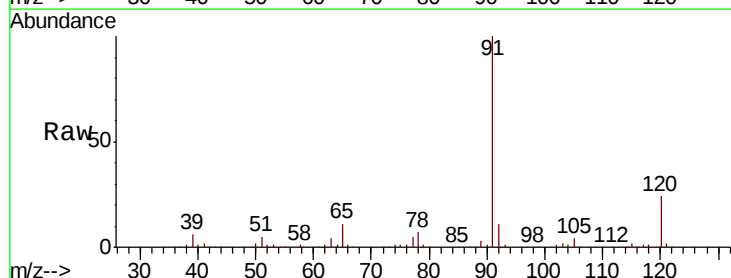
Acq: 24 Apr 2020 15:49

Tgt Ion: 91 Resp: 598150

Ion Ratio Lower Upper

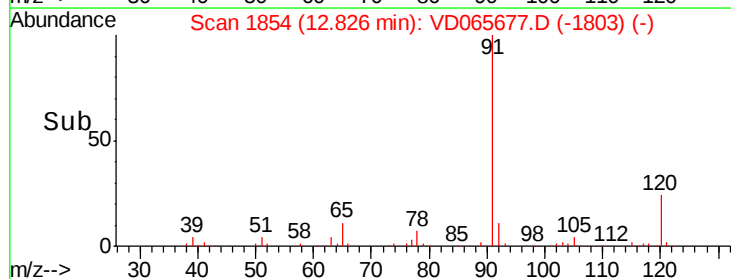
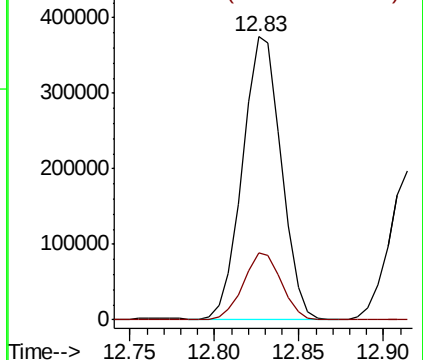
91 100

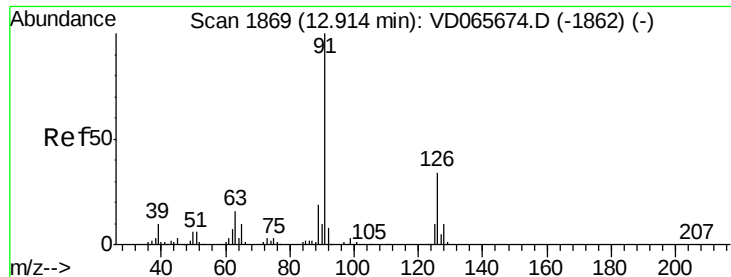
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.328 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

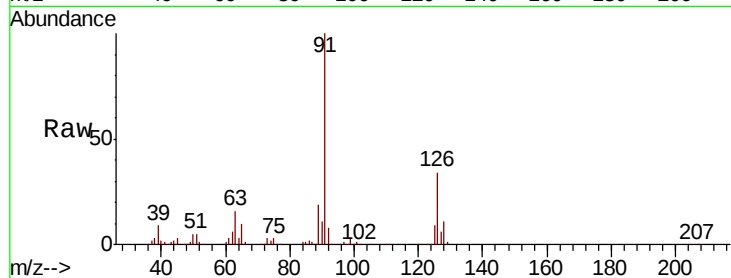
ICVVD042420

Tot Ion: 91 Resp: 323613

Ion Ratio Lower Upper

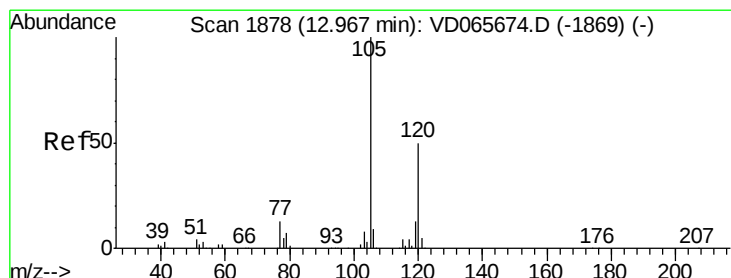
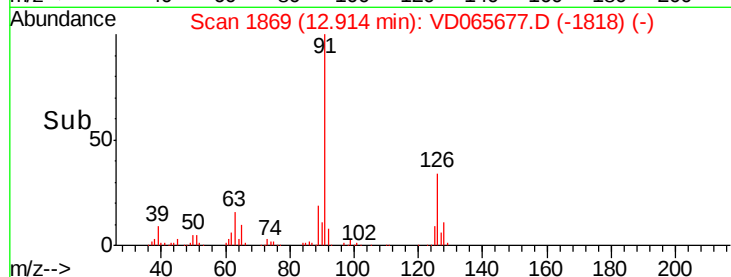
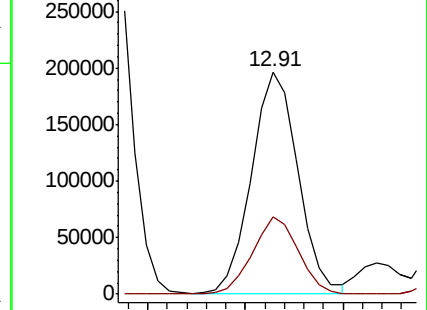
91 100

126 34.2 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VD065677.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065677.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.549 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065677.D

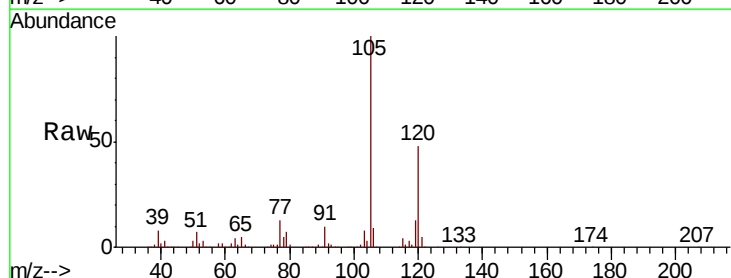
Acq: 24 Apr 2020 15:49

Tgt Ion:105 Resp: 415669

Ion Ratio Lower Upper

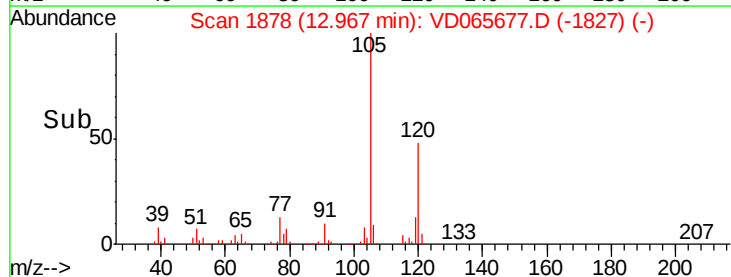
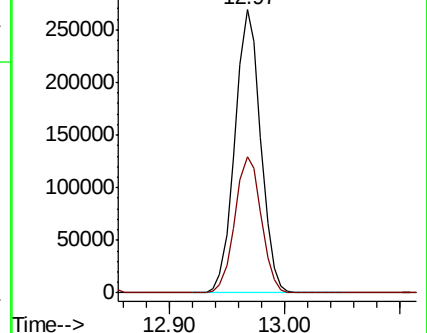
105 100

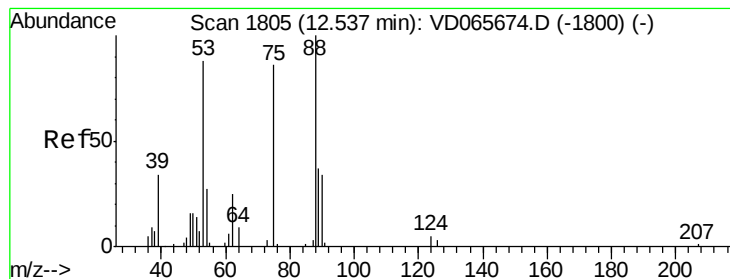
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD065677.D (-1878) (-)

Ion 120.00 (119.70 to 120.70): VD065677.D (-1878) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.736 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

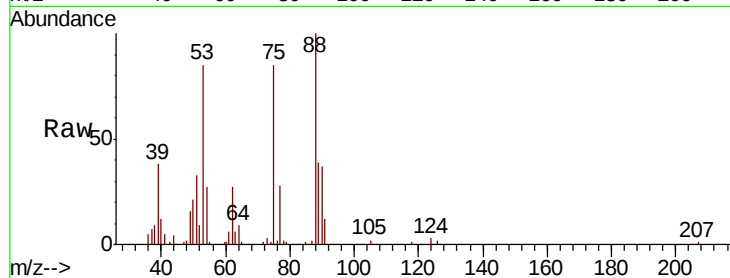
Tot Ion: 75 Resp: 26284

Ion Ratio Lower Upper

75 100

53 102.2 86.6 129.8

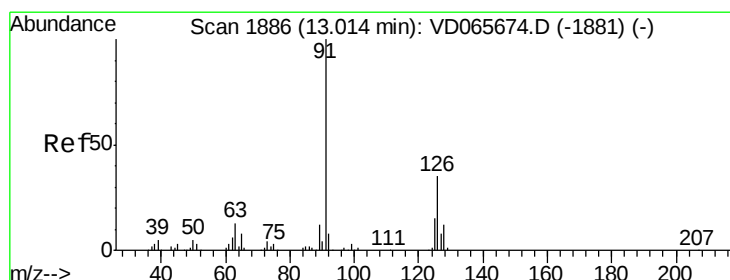
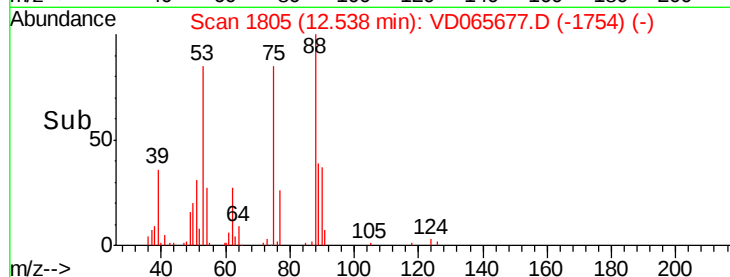
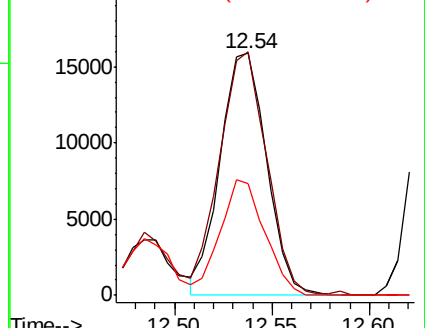
89 45.7 38.2 57.4



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: 53.690 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065677.D

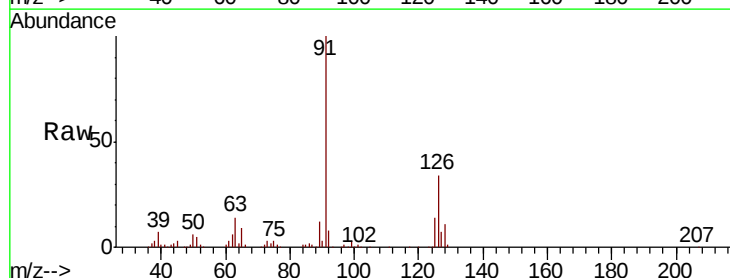
Acq: 24 Apr 2020 15:49

Tgt Ion: 91 Resp: 344942

Ion Ratio Lower Upper

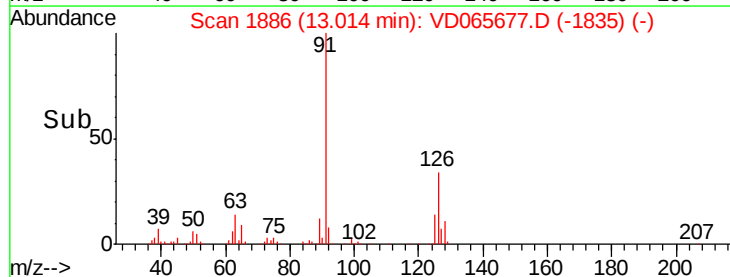
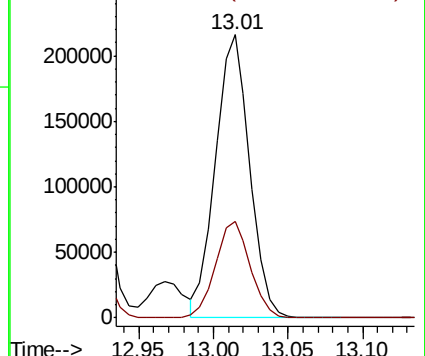
91 100

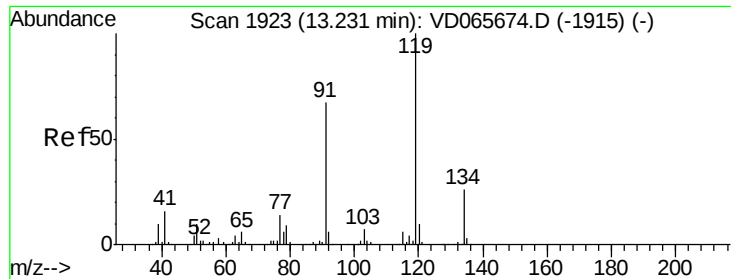
126 34.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

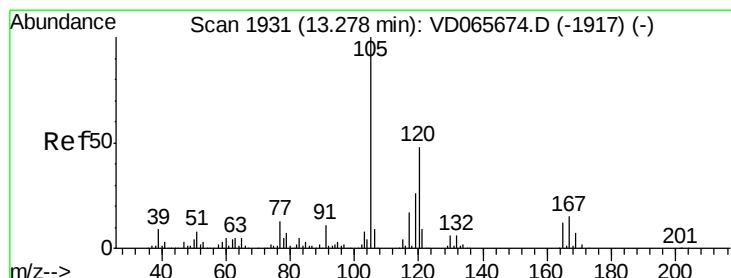
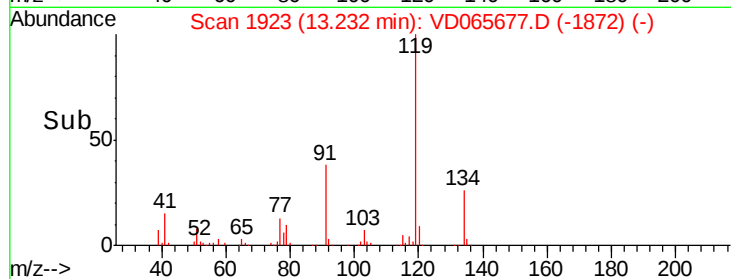
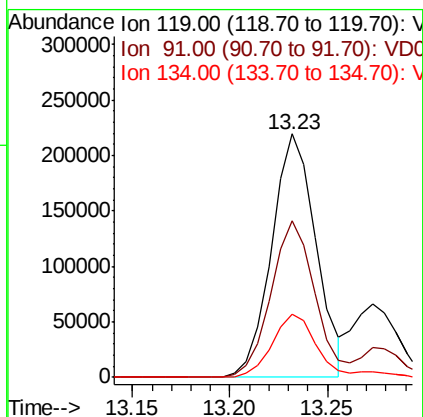
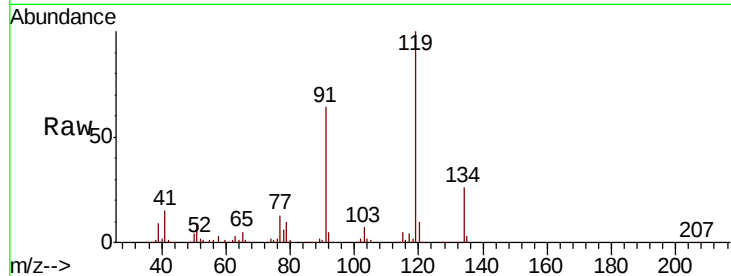




#83
tert-Butylbenzene
Concen: 58.487 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

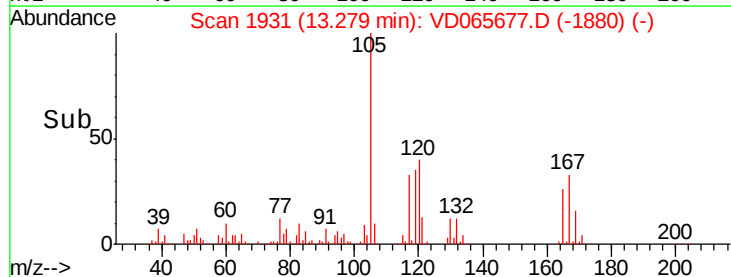
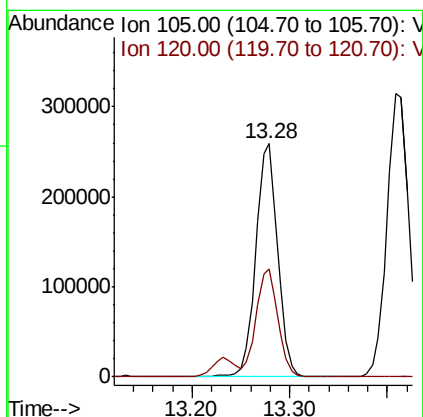
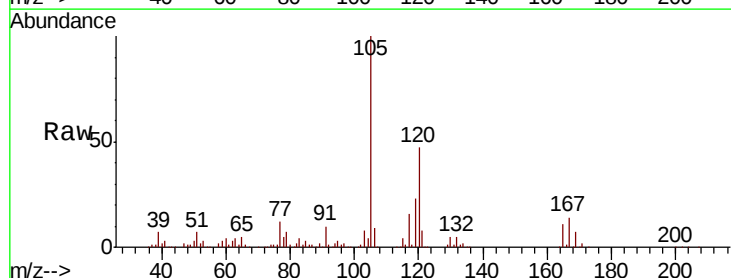
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

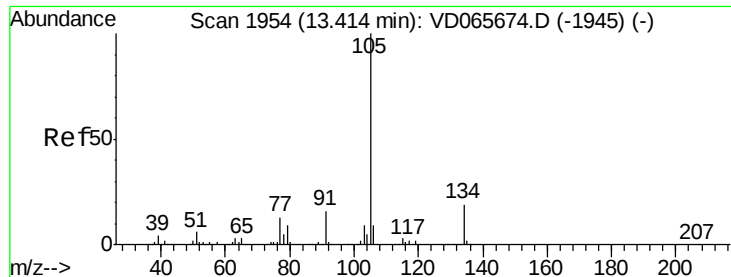
Tot Ion:119 Resp: 345827
Ion Ratio Lower Upper
119 100
91 64.0 33.3 99.9
134 27.4 14.2 42.6



#84
1,2,4-Trimethylbenzene
Concen: 56.887 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:105 Resp: 410156
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.5

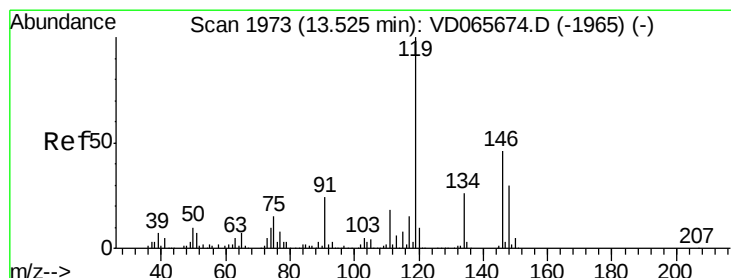
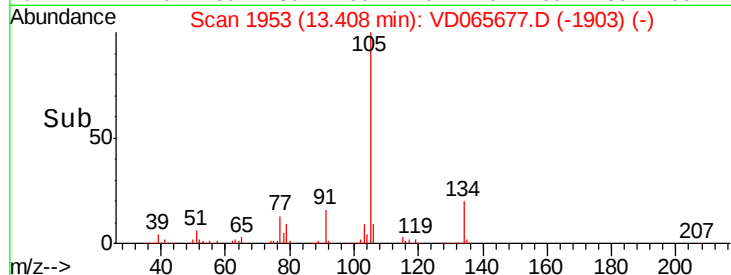
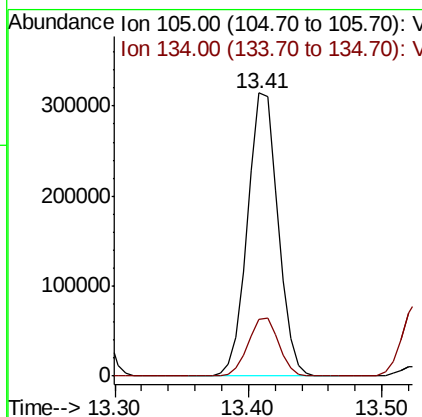
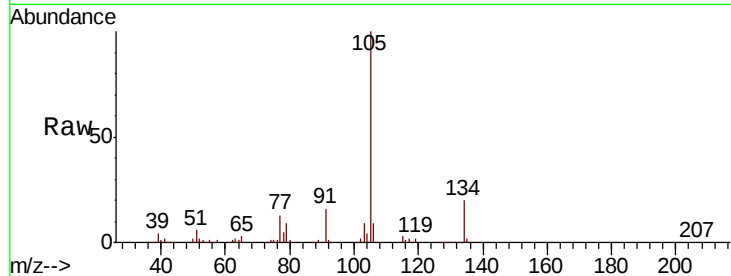




#85
 sec-Butylbenzene
 Concen: 57.670 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

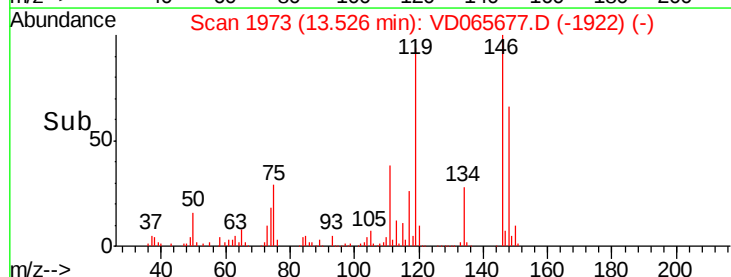
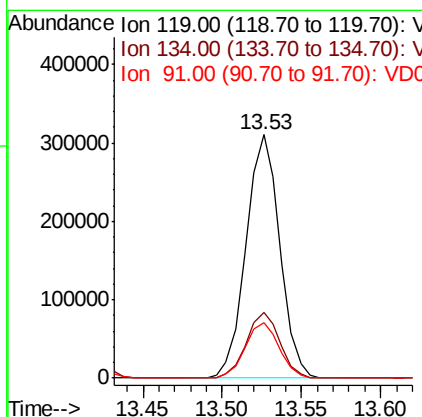
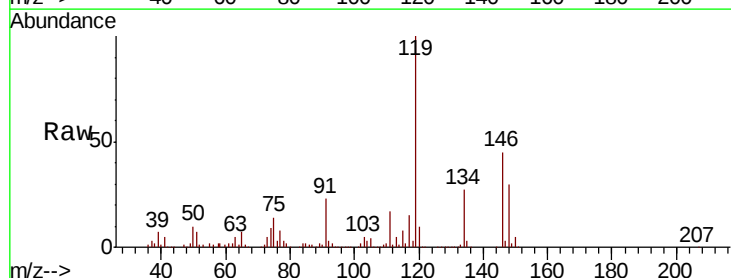
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

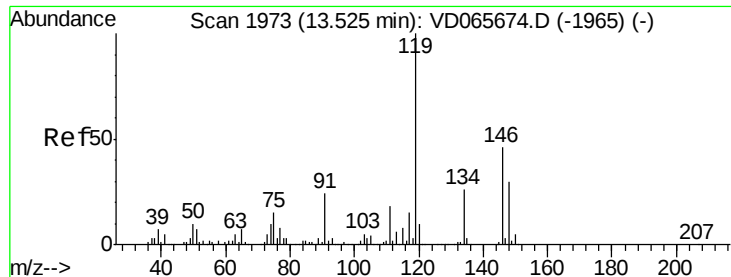
Tot Ion:105 Resp: 493548
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 56.777 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion:119 Resp: 457486
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 23.0 12.0 36.0

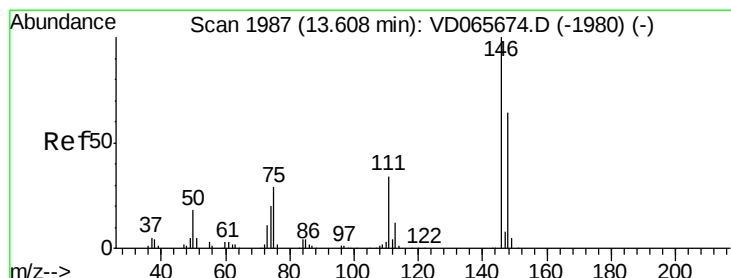
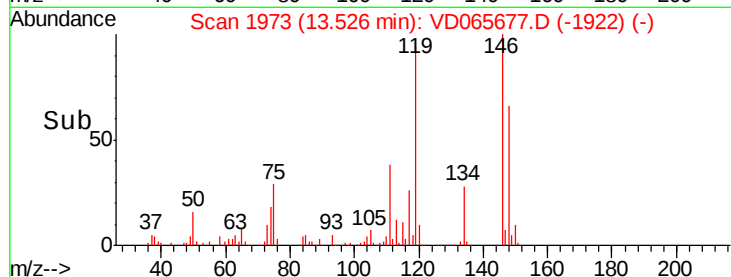
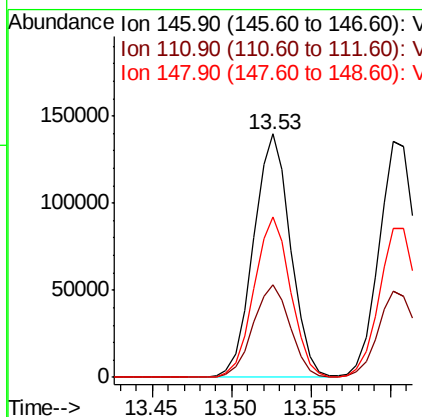
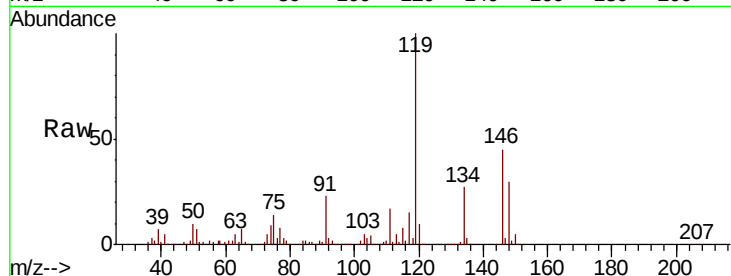




#87
 1,3-Dichlorobenzene
 Concen: 51.695 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

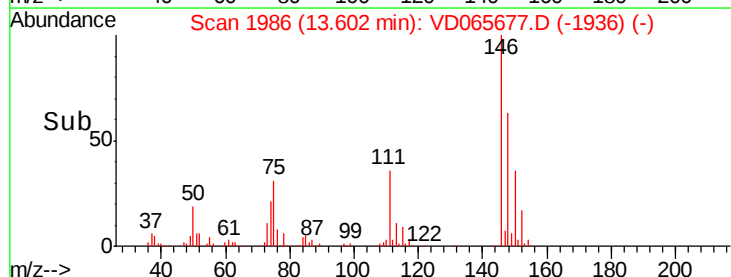
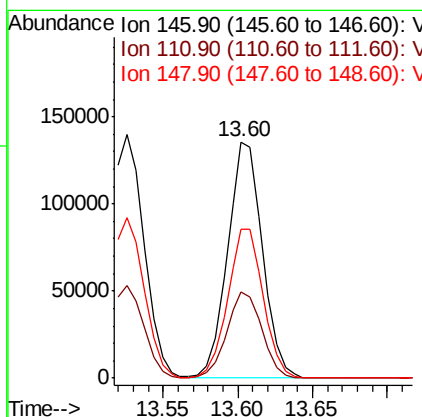
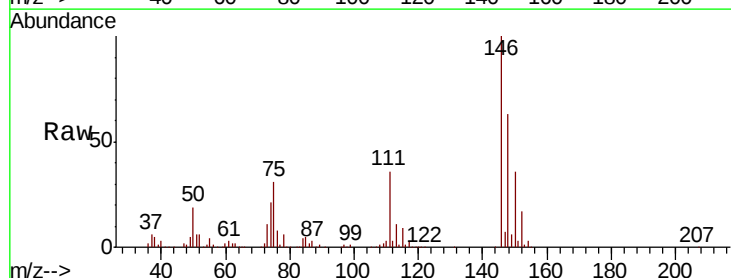
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

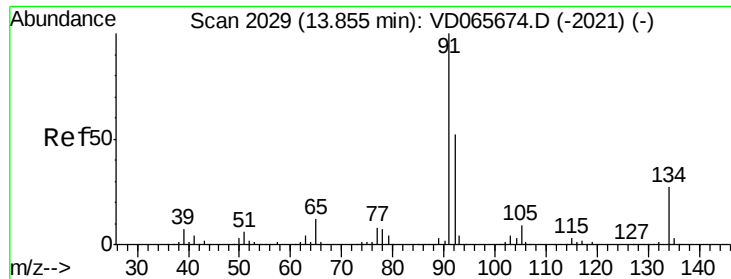
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	64.9	32.6	97.8



#88
 1,4-Dichlorobenzene
 Concen: 50.379 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.8
148	64.3	32.1	96.5

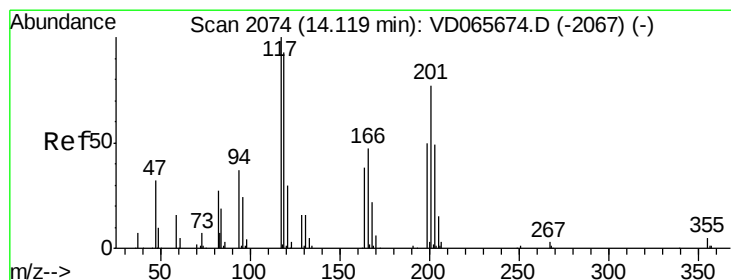
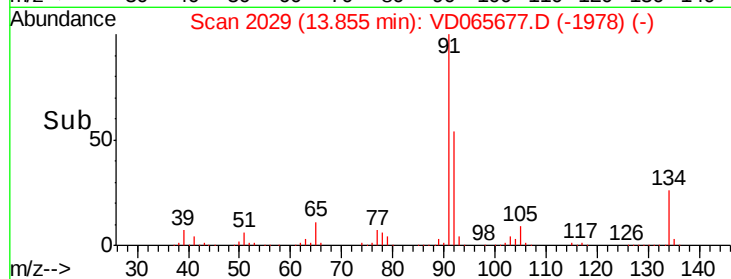
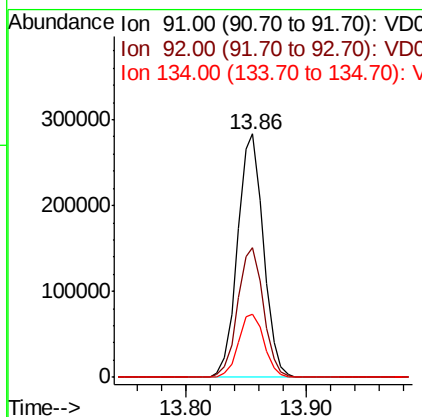
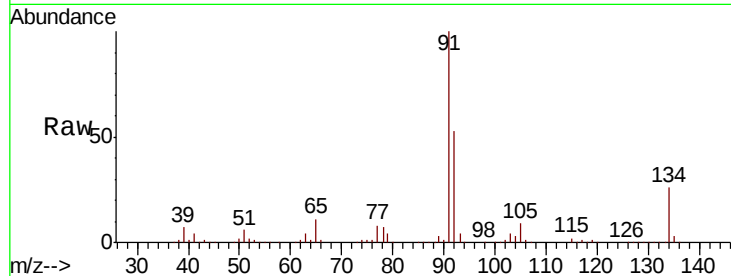




#89
n-Butylbenzene
Concen: 56.935 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

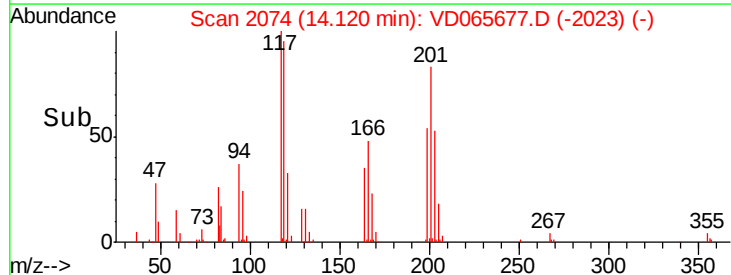
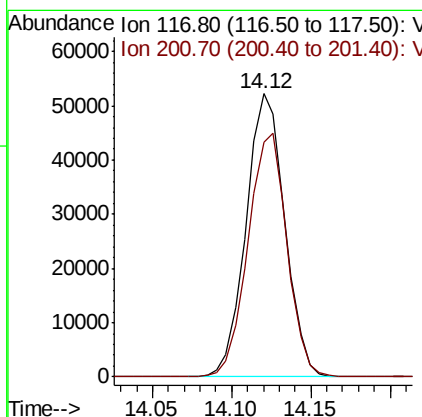
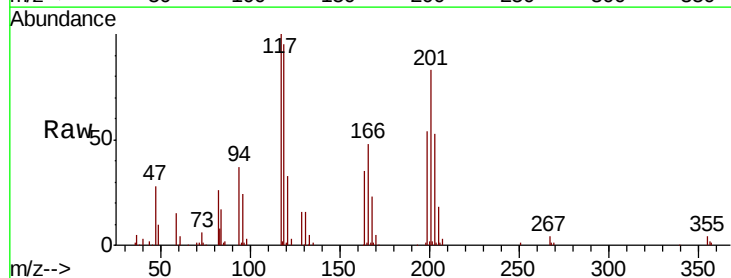
Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

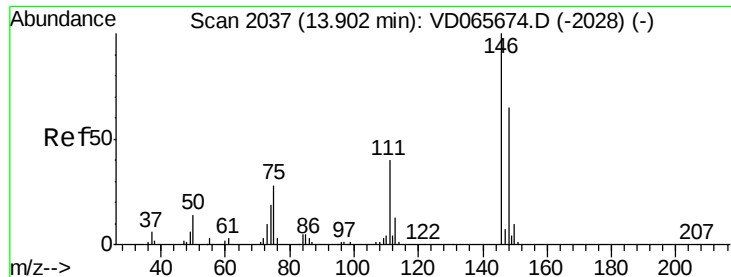
Tot Ion: 91 Resp: 422298
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.8
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 50.626 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion: 117 Resp: 88512
Ion Ratio Lower Upper
117 100
201 86.7 42.1 126.3





#91

1,2-Dichlorobenzene

Concen: 51.054 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD042420

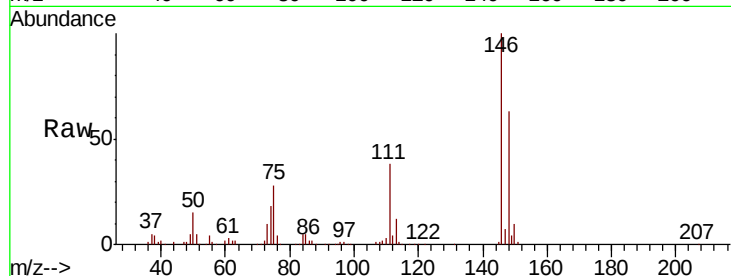
Tot Ion:146 Resp: 192635

Ion Ratio Lower Upper

146 100

111 38.8 19.8 59.3

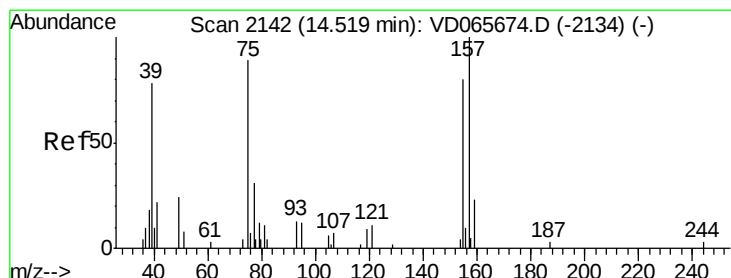
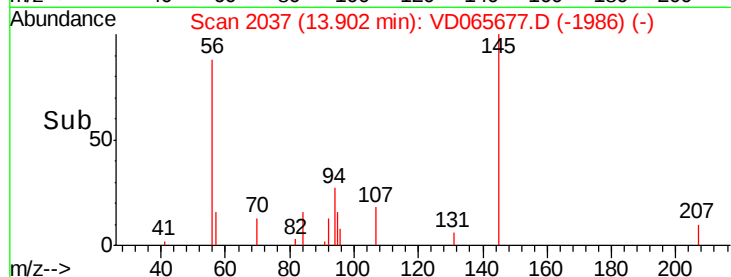
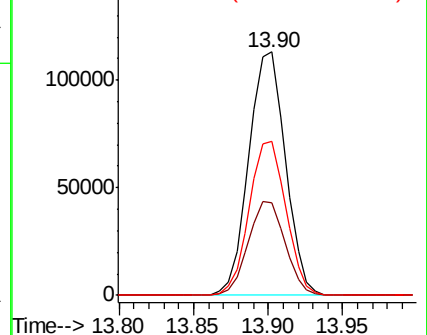
148 63.2 31.5 94.5



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: 44.976 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065677.D

Acq: 24 Apr 2020 15:49

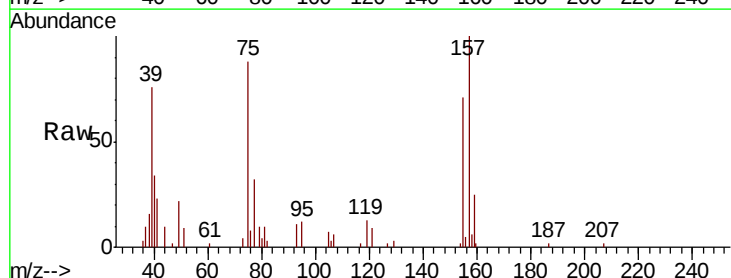
Tgt Ion: 75 Resp: 11356

Ion Ratio Lower Upper

75 100

155 84.1 41.8 125.3

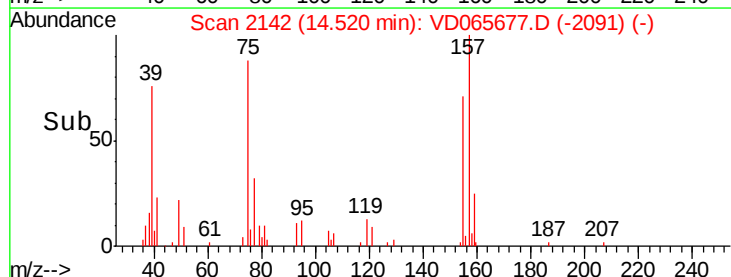
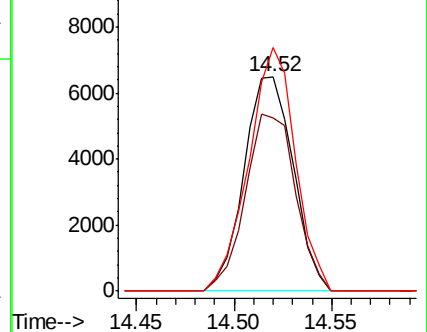
157 107.5 53.9 161.7

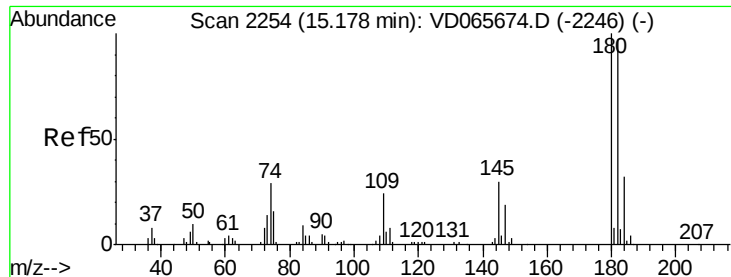


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

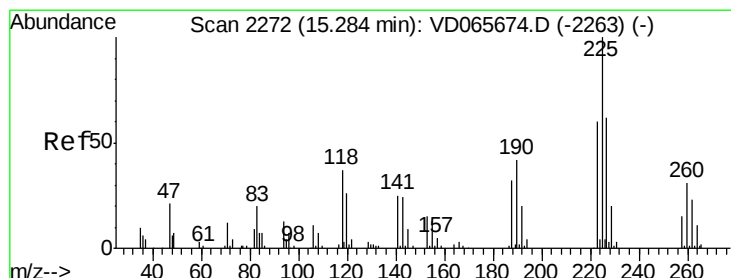
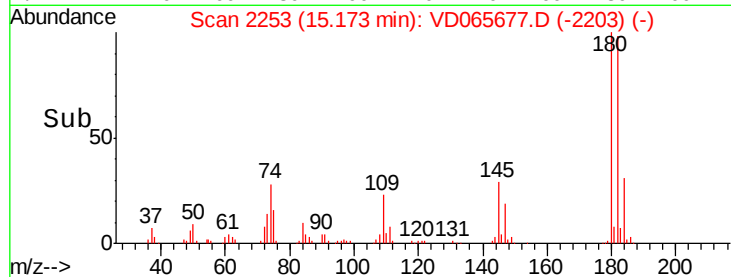
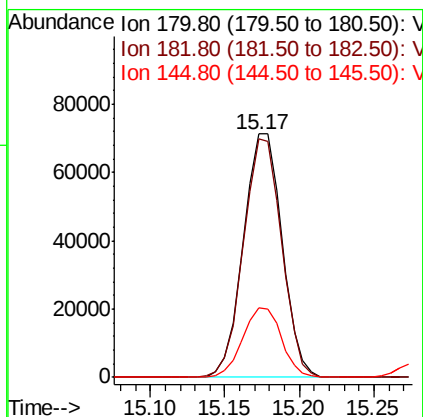
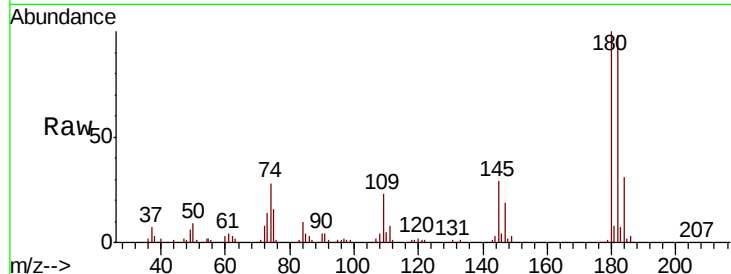




#93
 1,2,4-Trichlorobenzene
 Concen: 51.579 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

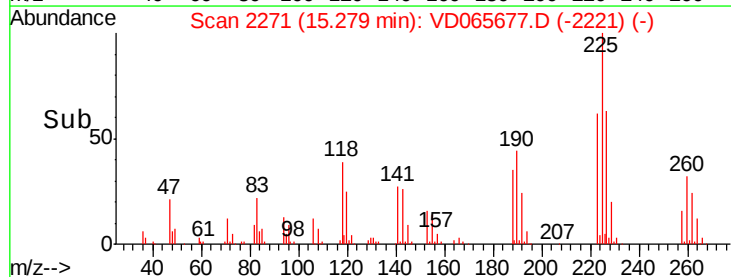
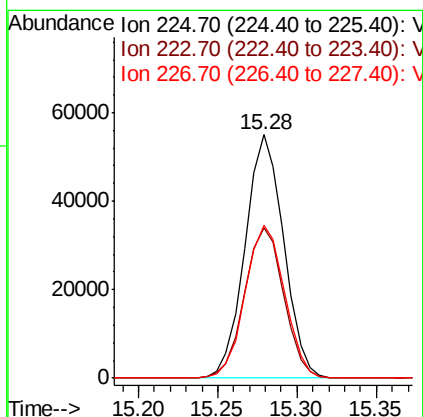
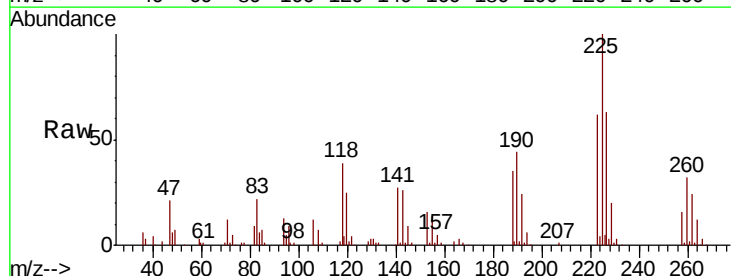
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD042420

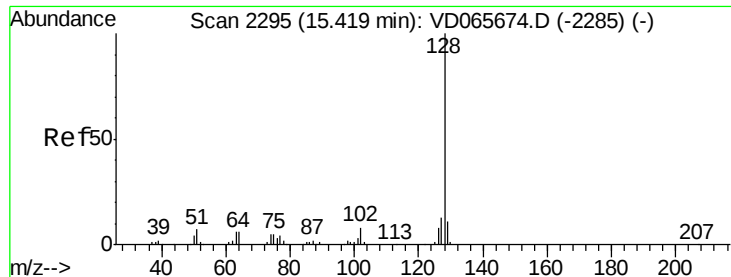
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.1	141.3
145	28.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 51.331 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065677.D
 Acq: 24 Apr 2020 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.0	93.0
227	64.1	31.6	94.8

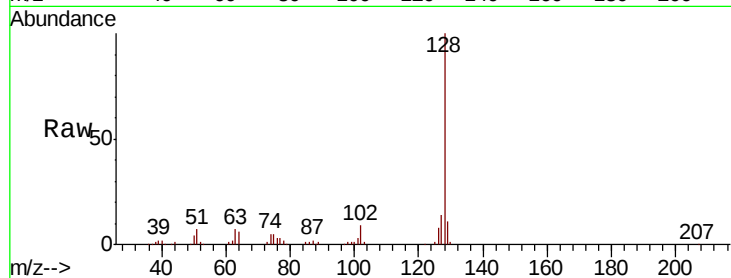




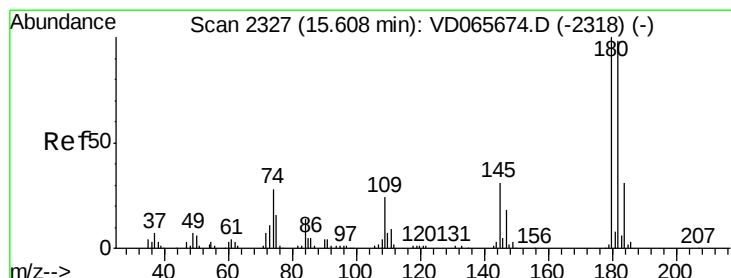
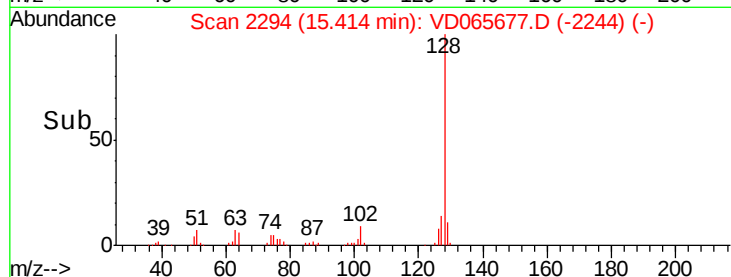
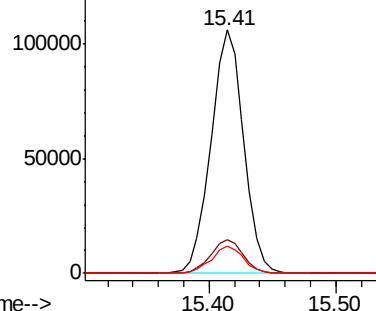
#95
Naphthalene
Concen: 45.380 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD042420

Tot Ion:128 Resp: 189284
Ion Ratio Lower Upper
128 100
127 13.9 11.4 17.0
129 11.0 8.7 13.1

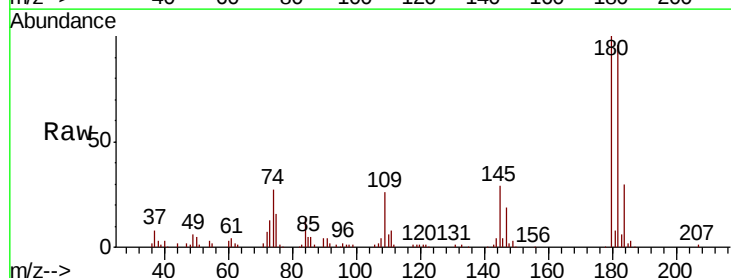


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.568 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065677.D
Acq: 24 Apr 2020 15:49

Tgt Ion:180 Resp: 111276
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 29.5 15.6 46.8



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

