

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065977.D
 Acq On : 21 Jul 2020 13:45
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

Quant Time: Jul 21 16:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	404794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	572821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	506777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256278	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	164019	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.91	113	173182	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.34	98	677951	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.64	95	224289	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	153369	49.925	ug/l	95
3) Chloromethane	2.20	50	128295	51.176	ug/l	96
4) Vinyl Chloride	2.35	62	127930	53.587	ug/l	98
5) Bromomethane	2.77	94	85968	51.337	ug/l	96
6) Chloroethane	2.92	64	74185	52.055	ug/l	90
7) Trichlorofluoromethane	3.27	101	308261	53.086	ug/l	100
8) Diethyl Ether	3.71	74	82553	51.432	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	191249	54.545	ug/l	98
10) Methyl Iodide	4.30	142	199494	55.210	ug/l	98
11) Tert butyl alcohol	5.21	59	47687	227.707	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	180988	54.077	ug/l	94
13) Acrolein	3.92	56	62630	225.688	ug/l	98
14) Allyl chloride	4.71	41	281146	53.738	ug/l	98
15) Acrylonitrile	5.41	53	176703	257.689	ug/l	98
16) Acetone	4.15	43	188258	282.370	ug/l	99
17) Carbon Disulfide	4.41	76	573191	52.798	ug/l	100
18) Methyl Acetate	4.71	43	72963	47.044	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	362338	52.692	ug/l	95
20) Methylene Chloride	4.96	84	186704	50.686	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	200519	53.010	ug/l	94
22) Diisopropyl ether	6.36	45	531287	53.453	ug/l	98
23) Vinyl Acetate	6.30	43	1525818	272.199	ug/l	99
24) 1,1-Dichloroethane	6.26	63	320126	53.156	ug/l	96
25) 2-Butanone	7.21	43	234112	264.634	ug/l	97
26) 2,2-Dichloropropane	7.20	77	296787	54.801	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	210495	52.558	ug/l	98
28) Bromochloromethane	7.54	49	124863	48.849	ug/l	98
29) Tetrahydrofuran	7.56	42	141093	258.487	ug/l	99
30) Chloroform	7.71	83	325972	51.745	ug/l	98
31) Cyclohexane	7.98	56	309672	52.266	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	313590	53.815	ug/l	100
36) 1,1-Dichloropropene	8.11	75	272067	55.652	ug/l	97
37) Ethyl Acetate	7.29	43	100501	53.830	ug/l #	95
38) Carbon Tetrachloride	8.10	117	291445	54.943	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	347255	58.655	ug/l	99
40) Benzene	8.35	78	735319	53.763	ug/l	98
41) Methacrylonitrile	7.55	41	138004	129.031	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	197413	52.674	ug/l	99
43) Isopropyl Acetate	8.46	43	194929	53.456	ug/l	98
44) Trichloroethene	9.11	130	228060	55.102	ug/l	94
45) 1,2-Dichloropropane	9.39	63	177525	53.593	ug/l	99
46) Dibromomethane	9.48	93	93011	52.159	ug/l	97
47) Bromodichloromethane	9.67	83	247306	52.451	ug/l	98
48) Methyl methacrylate	9.46	41	99409	54.044	ug/l	99
49) 1,4-Dioxane	9.46	88	21520	1041.656	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	497427	270.733	ug/l	100
52) Toluene	10.41	92	489690	54.902	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	237152	53.988	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	287729	54.036	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	128287	50.726	ug/l	97
56) Ethyl methacrylate	10.67	69	168563	57.327	ug/l	99
57) 1,3-Dichloropropane	10.95	76	221050	52.798	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	325842	231.976	ug/l	100
59) 2-Hexanone	10.99	43	361295	283.758	ug/l	98
60) Dibromochloromethane	11.14	129	175942	51.597	ug/l	98
61) 1,2-Dibromoethane	11.25	107	126575	51.908	ug/l	97
64) Tetrachloroethene	10.88	164	194987	56.688	ug/l	96
65) Chlorobenzene	11.67	112	519569	55.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	189998	55.456	ug/l	99
67) Ethyl Benzene	11.75	91	925760	57.976	ug/l	99
68) m/p-Xylenes	11.86	106	709828	115.655	ug/l	100
69) o-Xylene	12.18	106	327059	58.589	ug/l	98
70) Styrene	12.20	104	556959	58.070	ug/l	100
71) Bromoform	12.37	173	107357	53.494	ug/l #	99
73) Isopropylbenzene	12.48	105	901608	58.141	ug/l	99
74) N-amyl acetate	12.30	43	180894	56.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	135703	52.951	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	182732	94.697	ug/l #	100
77) Bromobenzene	12.77	156	217840	54.967	ug/l	99
78) n-propylbenzene	12.83	91	1059041	58.852	ug/l	100
79) 2-Chlorotoluene	12.91	91	584415	56.847	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	744266	58.417	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	47019	55.913	ug/l	95
82) 4-Chlorotoluene	13.01	91	617718	56.926	ug/l	98
83) tert-Butylbenzene	13.23	119	652030	58.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	727912	57.911	ug/l	99
85) sec-Butylbenzene	13.41	105	915566	59.622	ug/l	99
86) p-Isopropyltoluene	13.52	119	836491	59.959	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	404833	55.019	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	402221	54.073	ug/l	100
89) n-Butylbenzene	13.85	91	780107	60.137	ug/l	100
90) Hexachloroethane	14.12	117	163324	56.552	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	358931	56.294	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	22306	53.107	ug/l	96

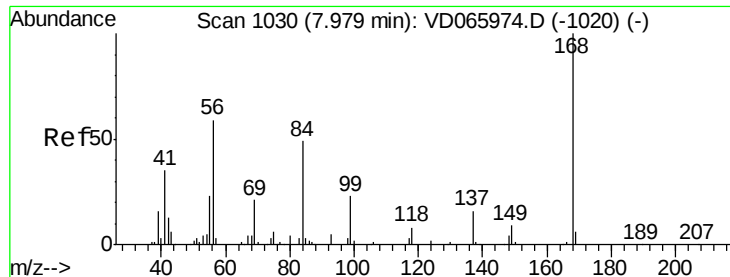
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	266152	58.155	ug/l	98
94) Hexachlorobutadiene	15.28	225	165858	58.619	ug/l	100
95) Naphthalene	15.41	128	424692	52.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	227756	57.244	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

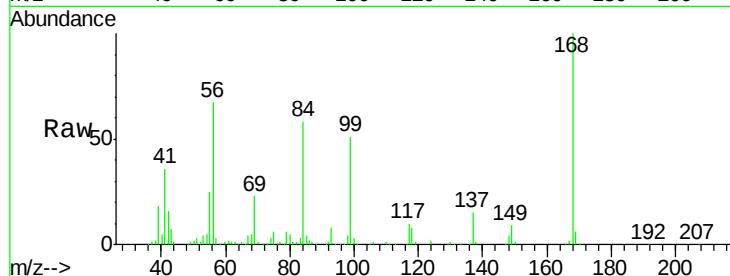
ICVVD072120

Tgt Ion:168 Resp: 404794

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

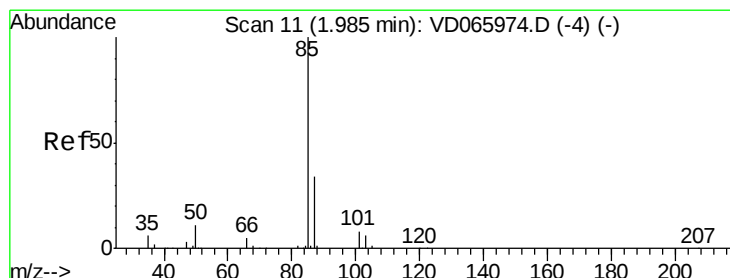
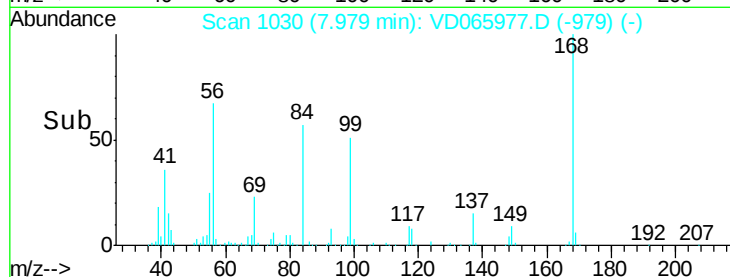
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.925 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065977.D

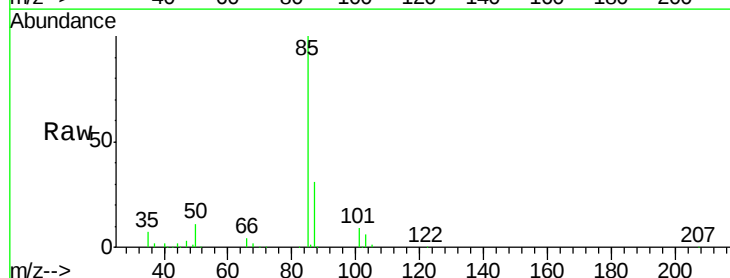
Acq: 21 Jul 2020 13:45

Tgt Ion: 85 Resp: 153369

Ion Ratio Lower Upper

85 100

87 31.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

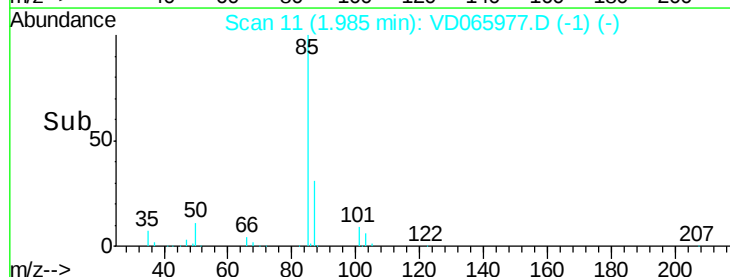
40000

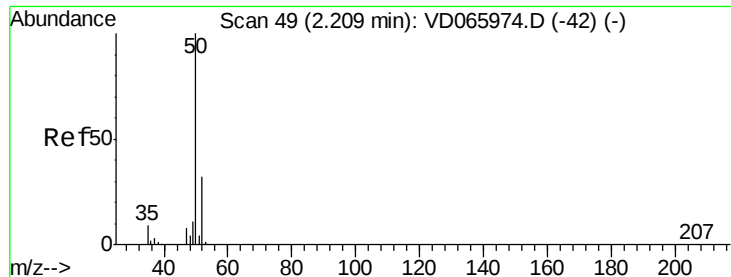
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 51.176 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

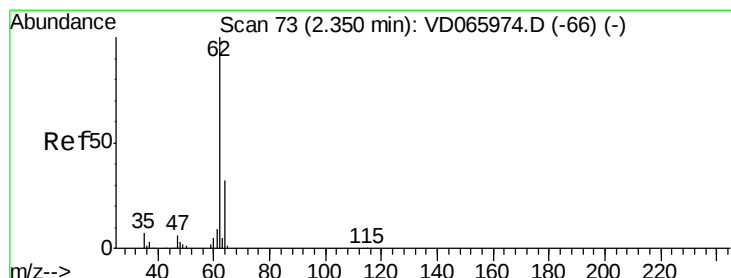
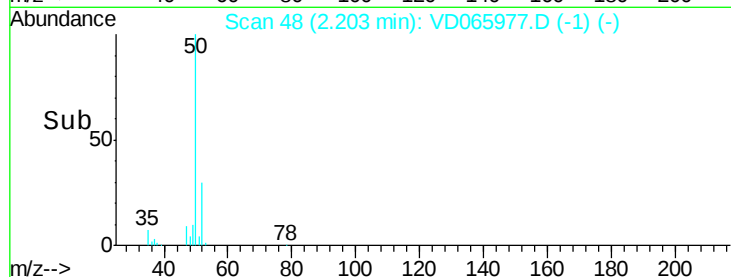
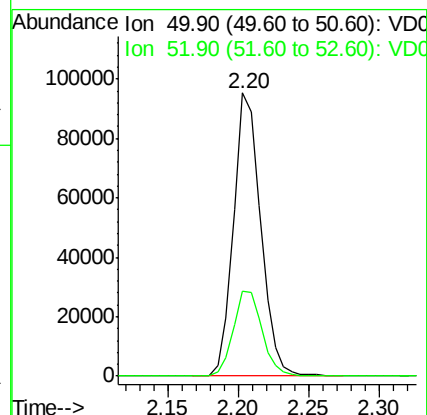
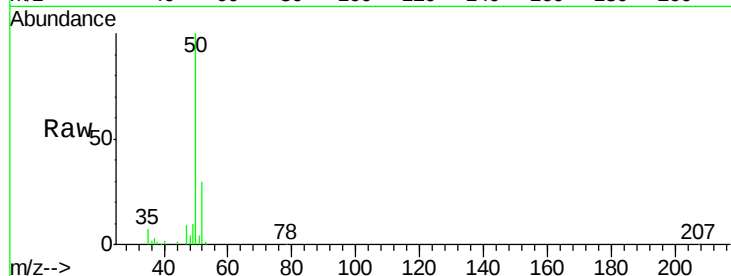
ICVVD072120

Tgt Ion: 50 Resp: 128295

Ion Ratio Lower Upper

50 100

52 30.2 25.8 38.8



#4

Vinyl Chloride

Concen: 53.587 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065977.D

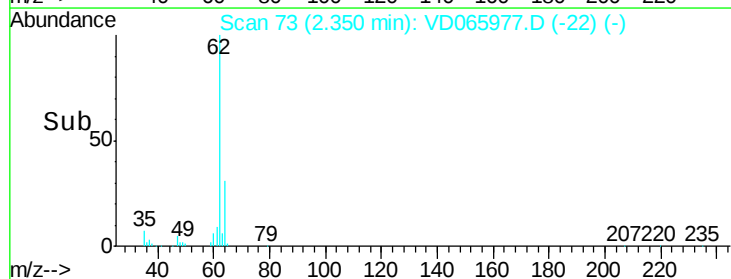
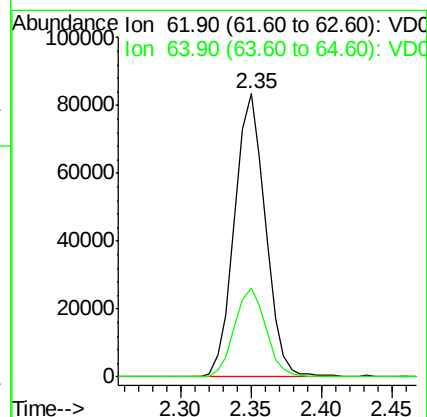
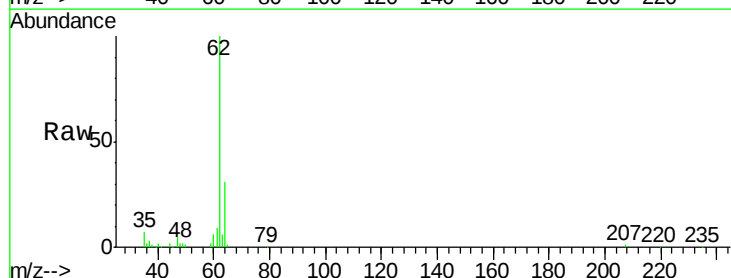
Acq: 21 Jul 2020 13:45

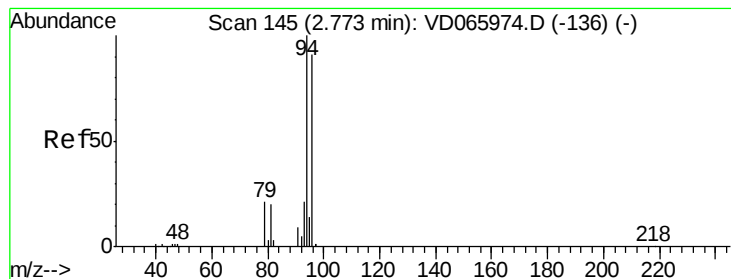
Tgt Ion: 62 Resp: 127930

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 51.337 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

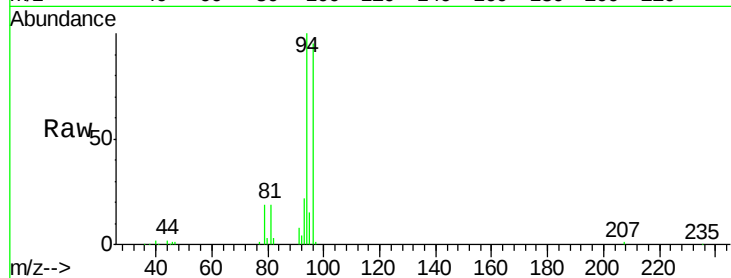
ICVVD072120

Tgt Ion: 94 Resp: 85968

Ion Ratio Lower Upper

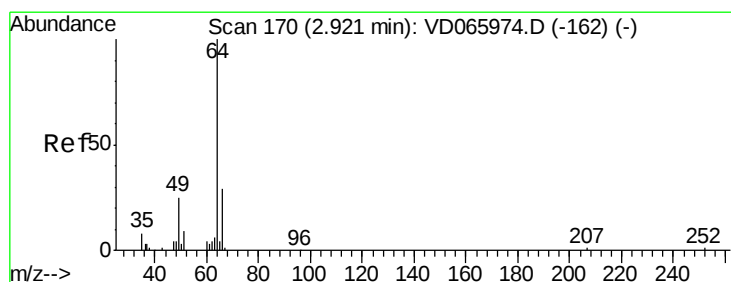
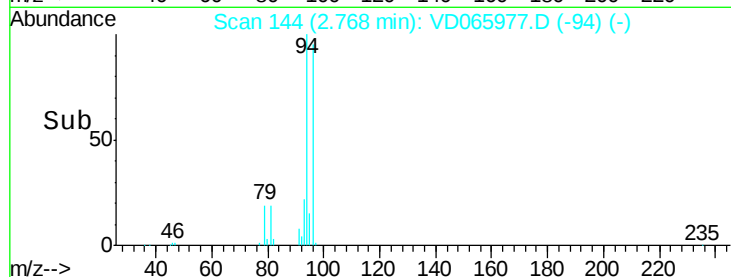
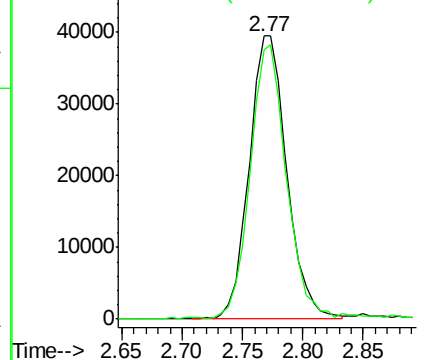
94 100

96 94.8 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.055 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065977.D

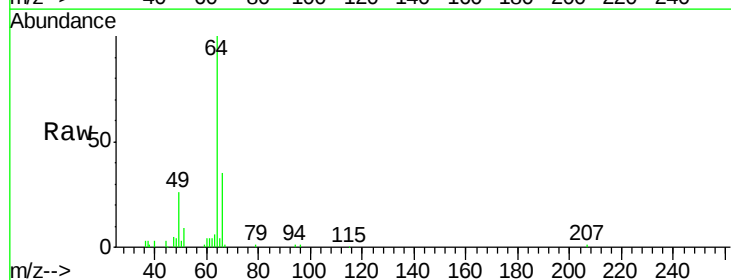
Acq: 21 Jul 2020 13:45

Tgt Ion: 64 Resp: 74185

Ion Ratio Lower Upper

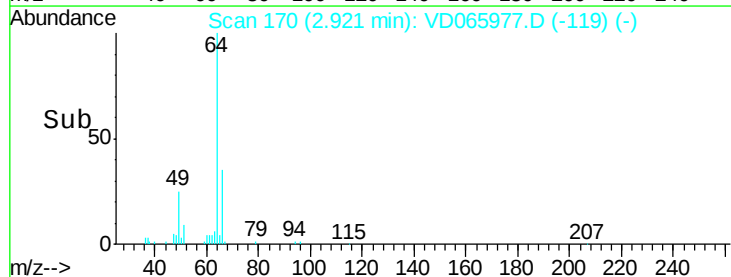
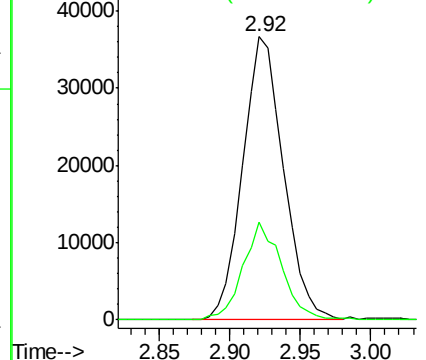
64 100

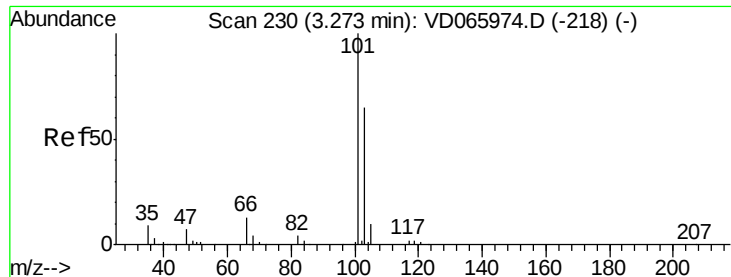
66 34.6 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



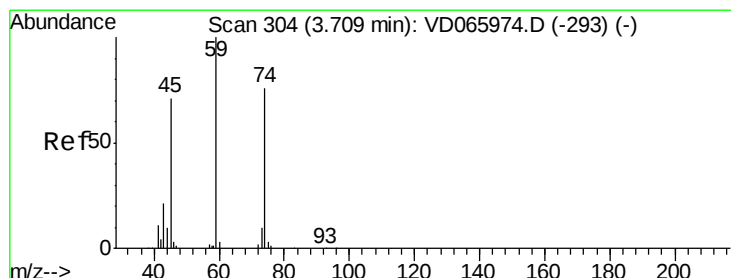
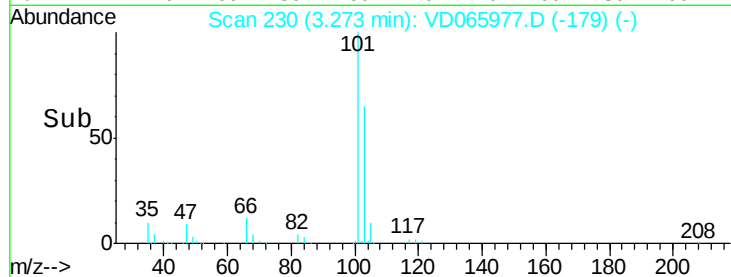
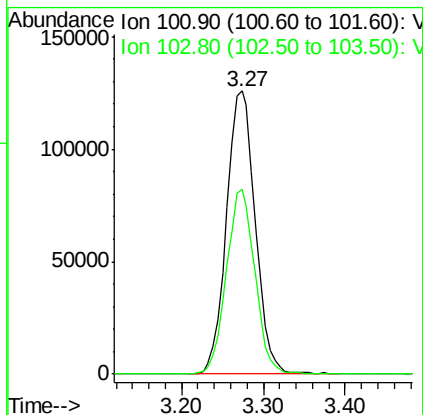
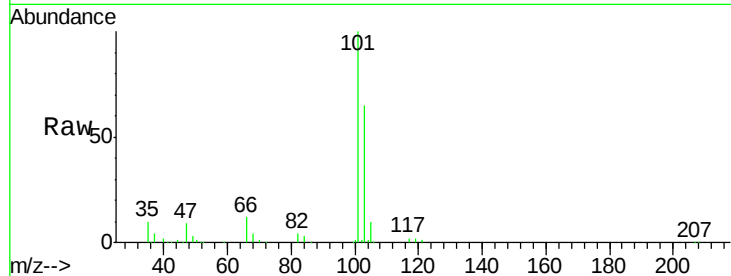


#7

Trichlorofluoromethane
 Concen: 53.086 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Instrument :
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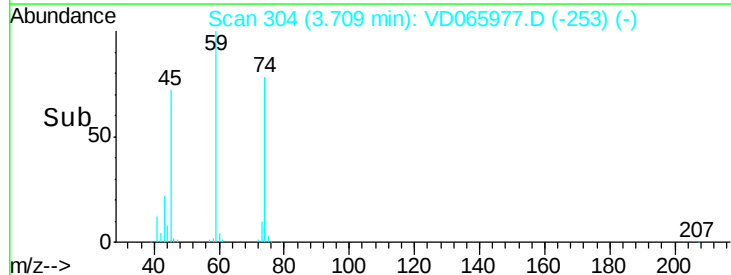
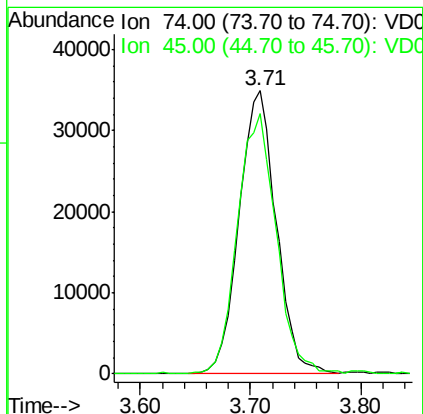
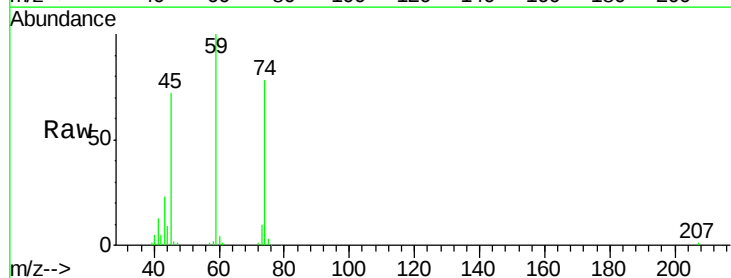
Tgt Ion:101 Resp: 308261
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.1 78.1

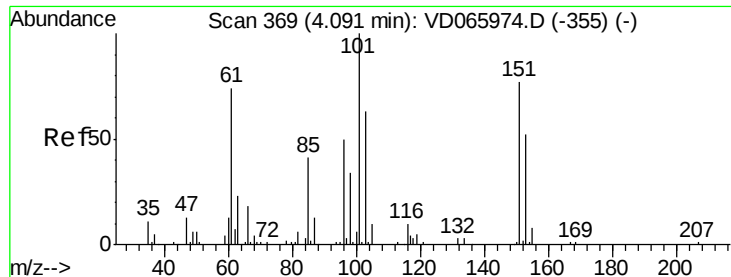


#8

Diethyl Ether
 Concen: 51.432 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 74 Resp: 82553
 Ion Ratio Lower Upper
 74 100
 45 95.5 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.545 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

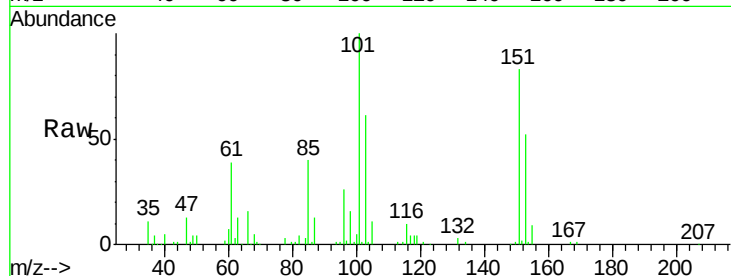
Tgt Ion:101 Resp: 191249

Ion Ratio Lower Upper

101 100

85 40.6 33.6 50.4

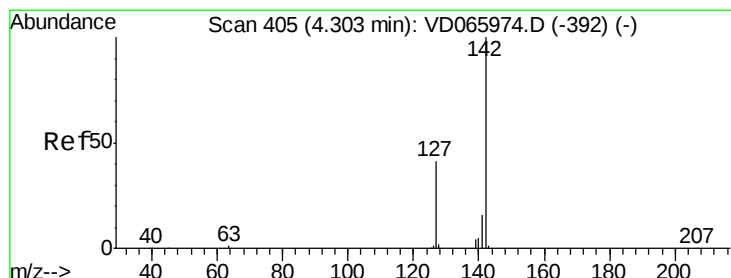
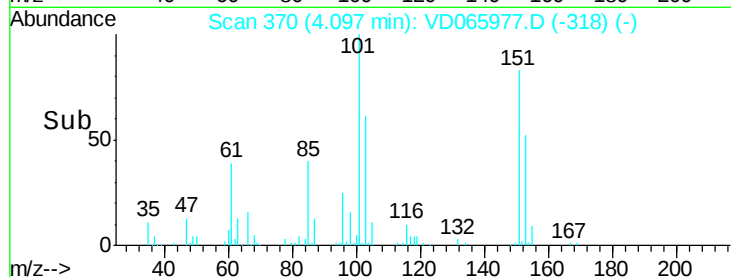
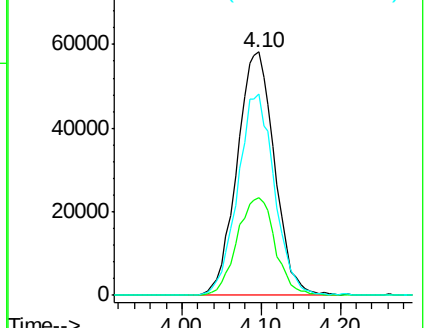
151 81.0 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.210 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

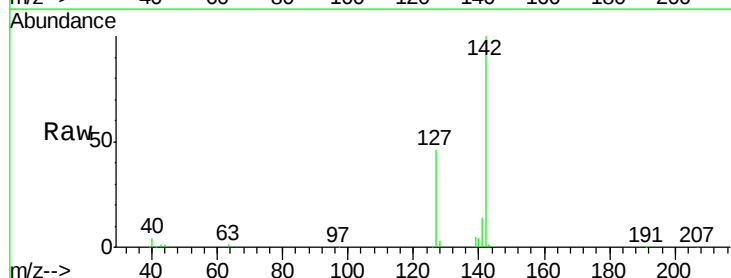
Tgt Ion:142 Resp: 199494

Ion Ratio Lower Upper

142 100

127 43.1 32.9 49.3

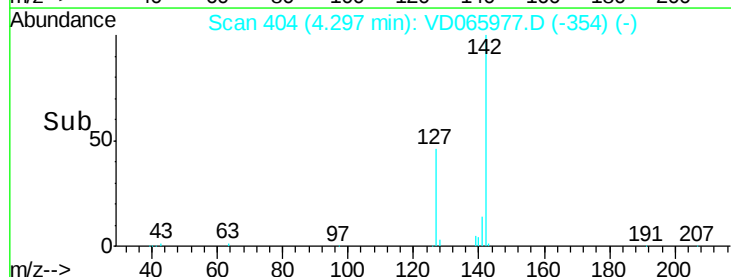
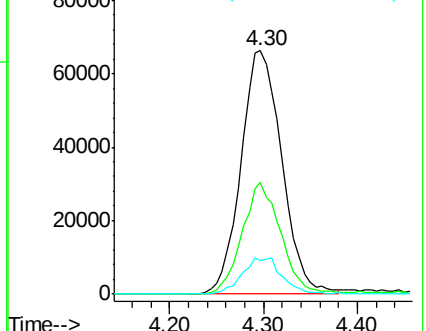
141 14.5 11.8 17.6

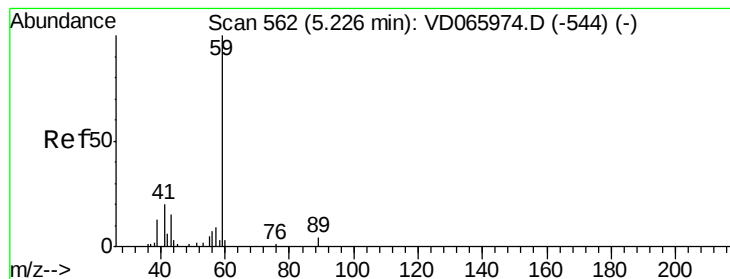


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 227.707 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

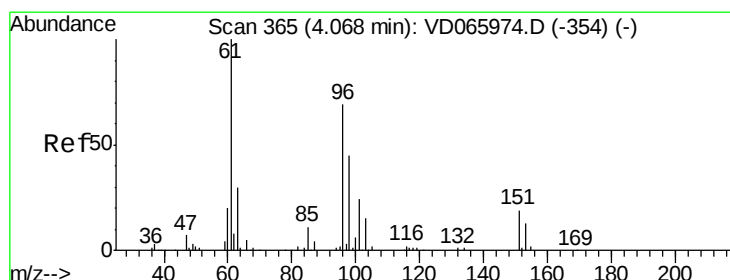
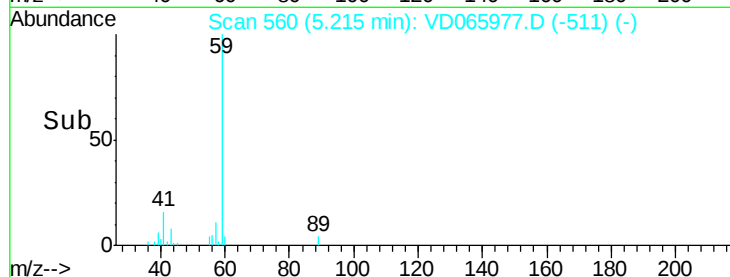
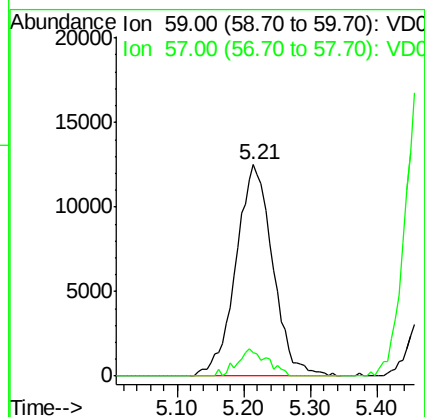
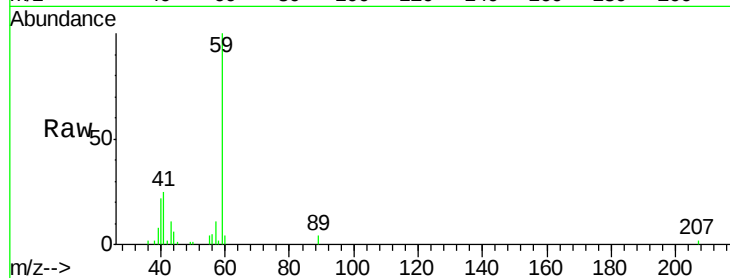
ICVVD072120

Tgt Ion: 59 Resp: 47687

Ion Ratio Lower Upper

59 100

57 10.5 4.5 6.7#



#12

1,1-Dichloroethene

Concen: 54.077 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

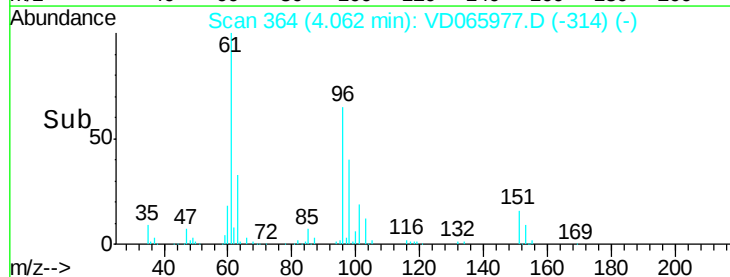
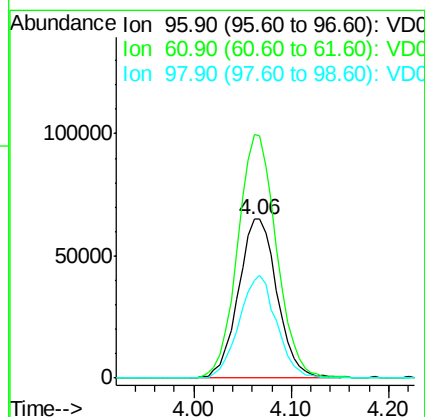
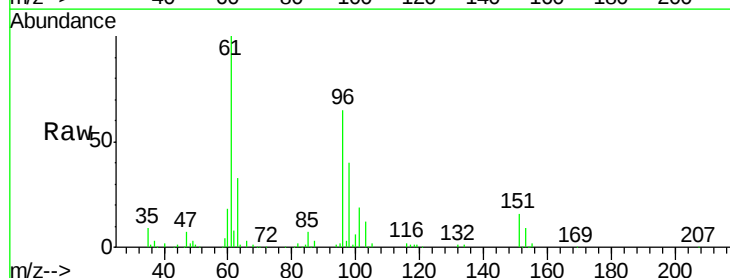
Tgt Ion: 96 Resp: 180988

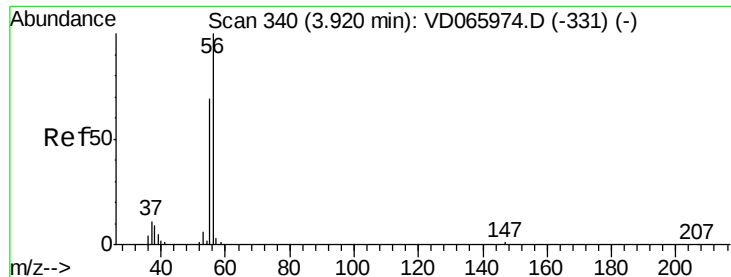
Ion Ratio Lower Upper

96 100

61 153.3 115.4 173.0

98 61.5 51.5 77.3





#13

Acrolein

Concen: 225.688 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

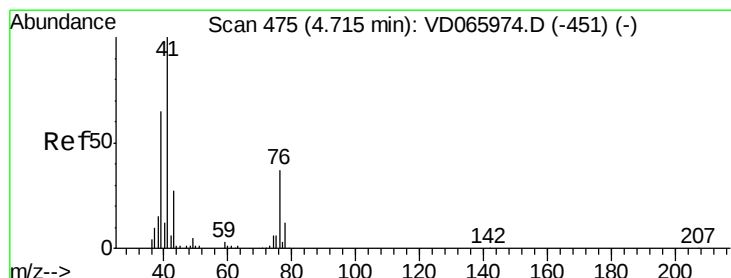
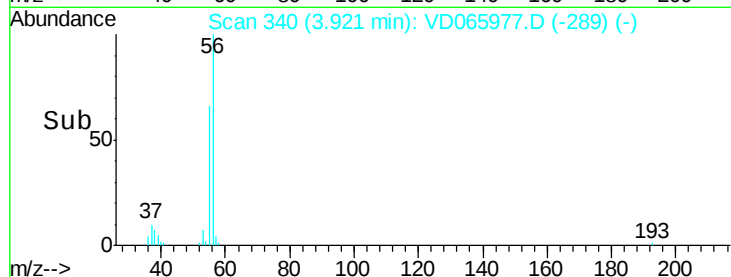
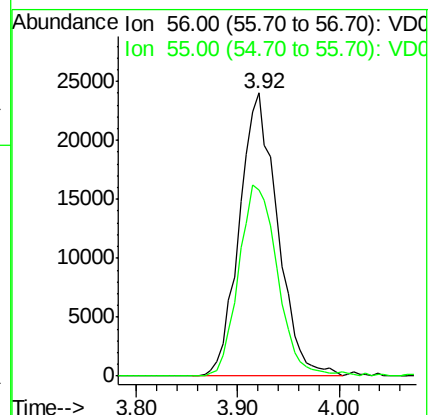
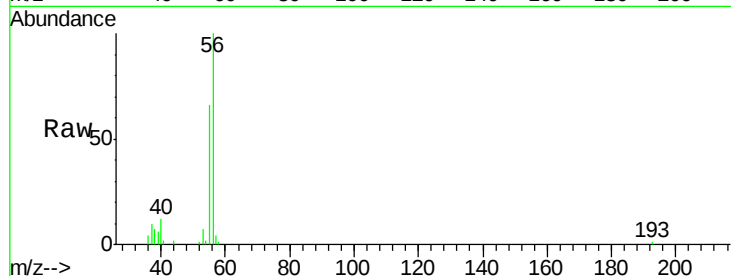
ICVVD072120

Tgt Ion: 56 Resp: 62630

Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8



#14

Allyl chloride

Concen: 53.738 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

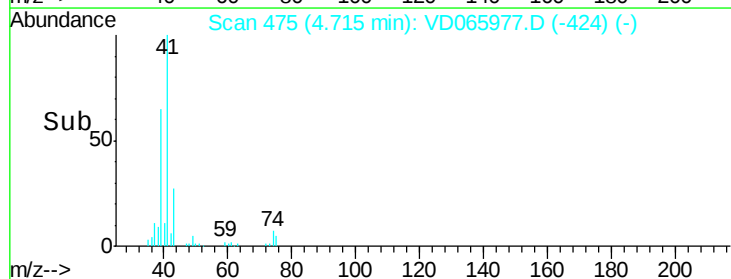
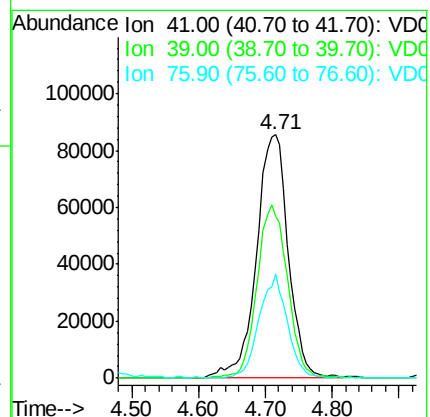
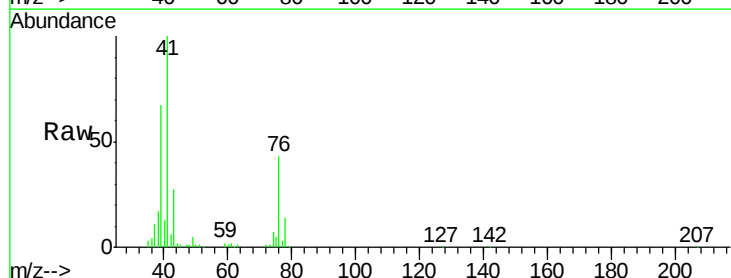
Tgt Ion: 41 Resp: 281146

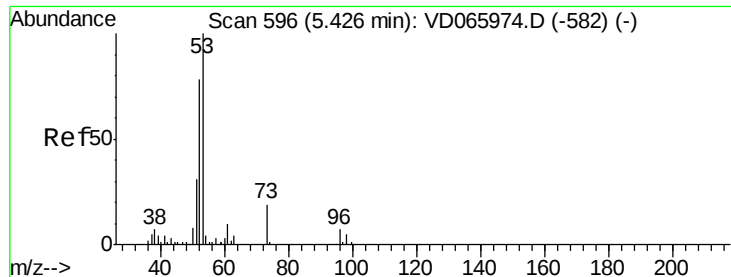
Ion Ratio Lower Upper

41 100

39 68.4 53.4 80.2

76 37.0 29.1 43.7





#15

Acrylonitrile

Concen: 257.689 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

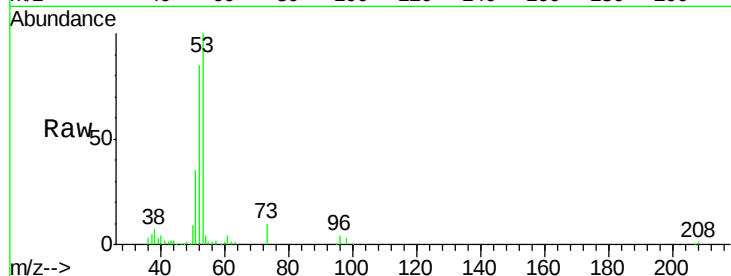
Tgt Ion: 53 Resp: 176703

Ion Ratio Lower Upper

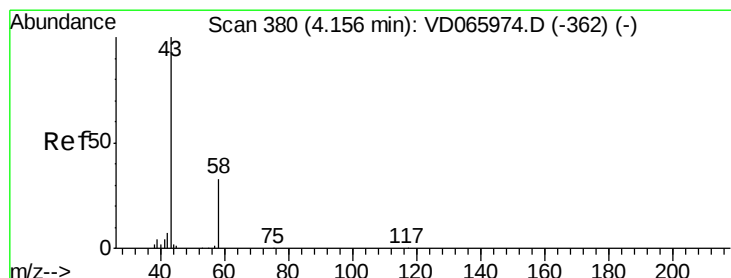
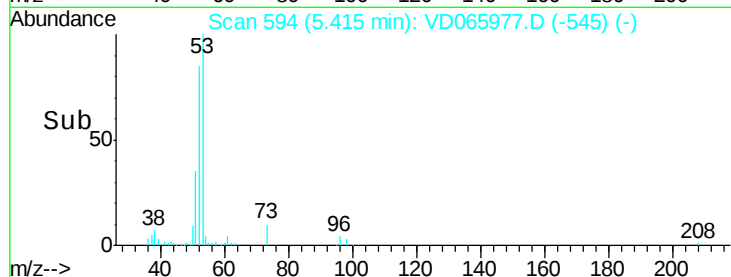
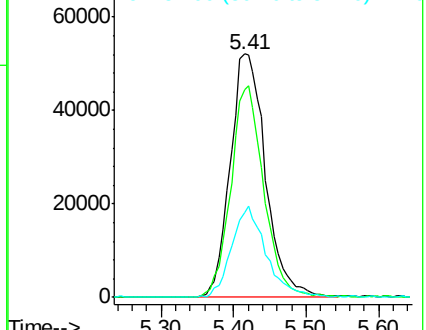
53 100

52 81.2 67.1 100.7

51 36.4 28.7 43.1



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: 282.370 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065977.D

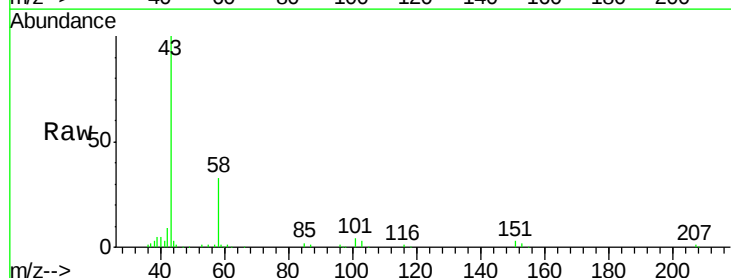
Acq: 21 Jul 2020 13:45

Tgt Ion: 43 Resp: 188258

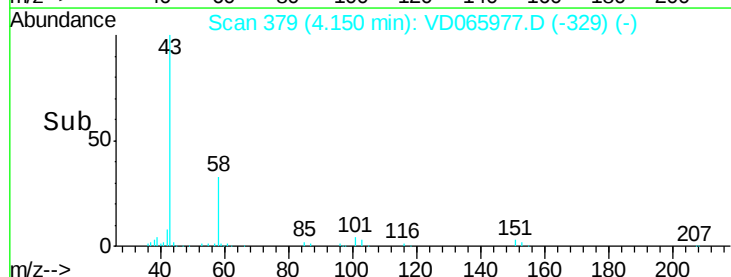
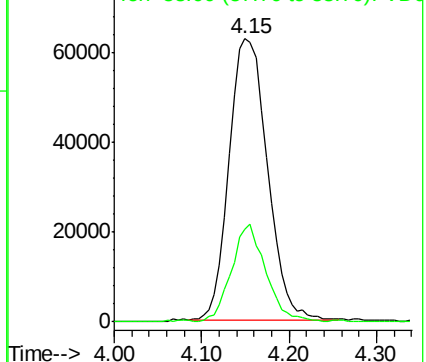
Ion Ratio Lower Upper

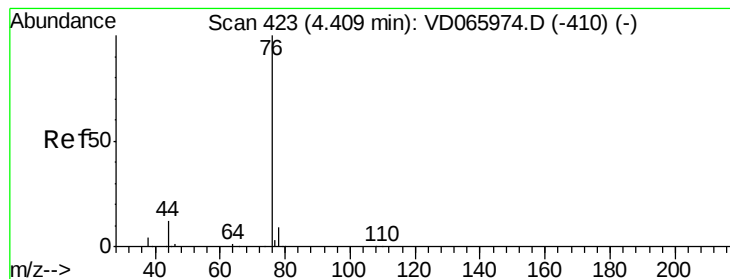
43 100

58 32.5 26.3 39.5



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





#17

Carbon Disulfide

Concen: 52.798 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

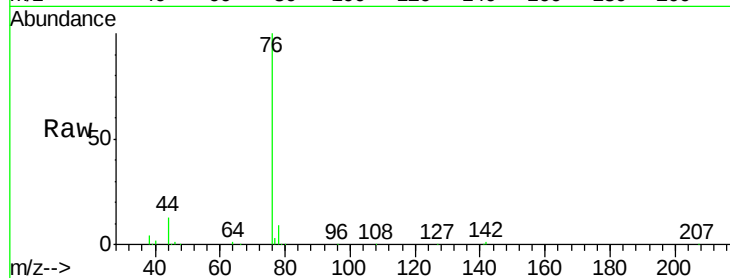
ICVVD072120

Tgt Ion: 76 Resp: 573191

Ion Ratio Lower Upper

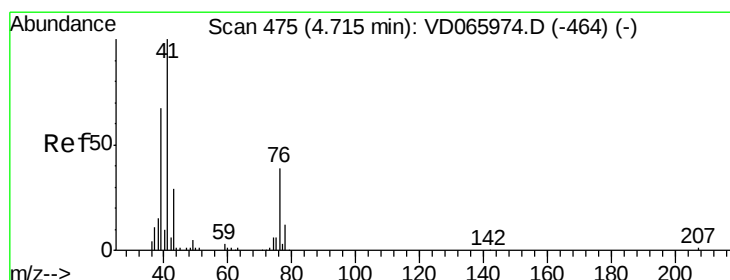
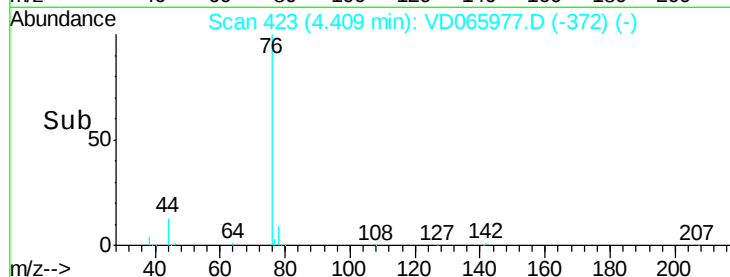
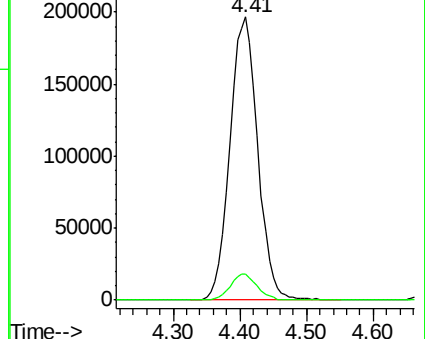
76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.044 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065977.D

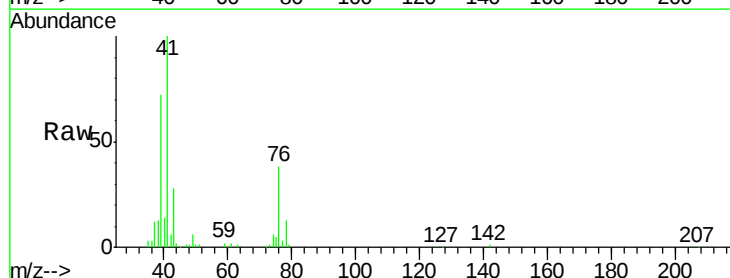
Acq: 21 Jul 2020 13:45

Tgt Ion: 43 Resp: 72963

Ion Ratio Lower Upper

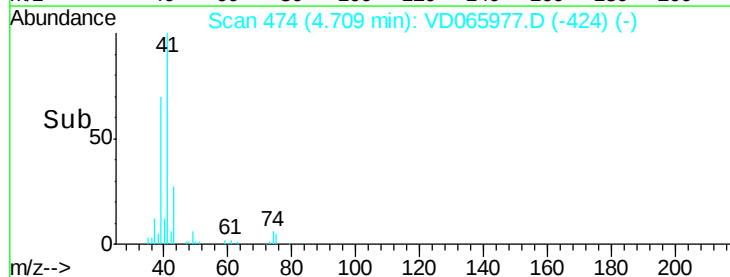
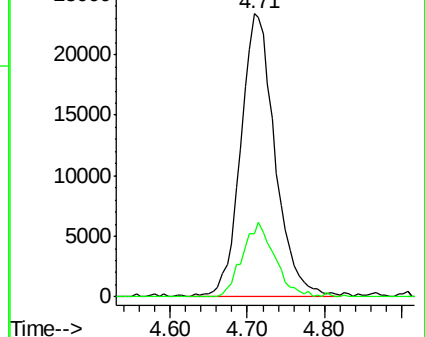
43 100

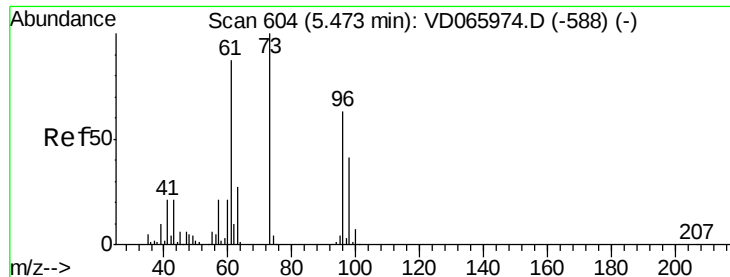
74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

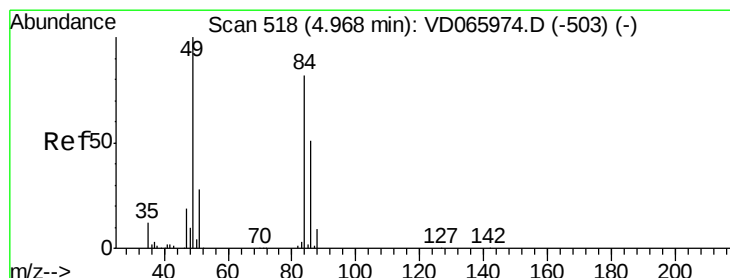
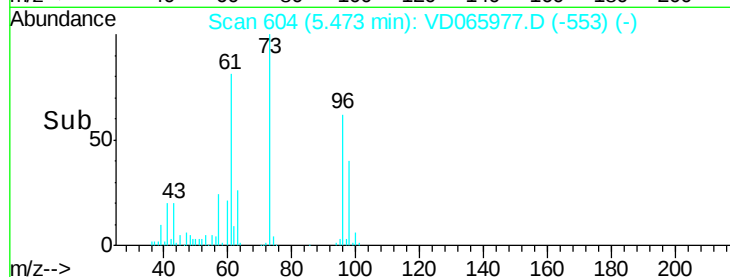
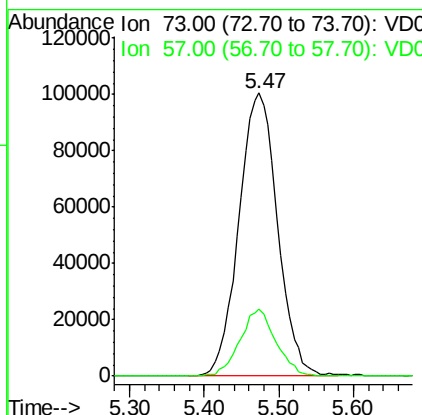
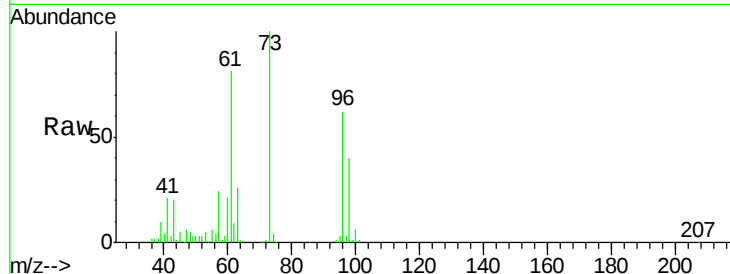




#19
Methyl tert-butyl Ether
Concen: 52.692 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

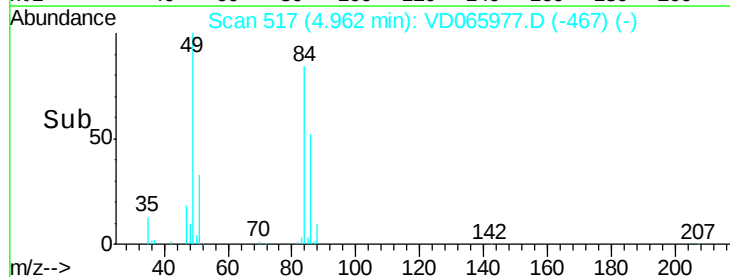
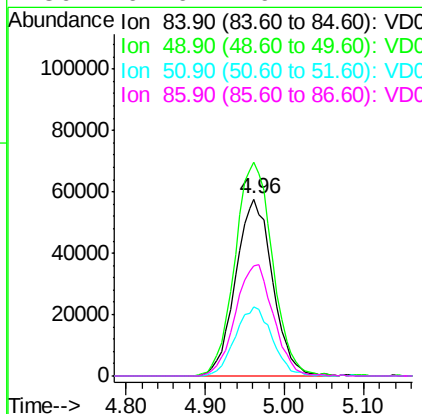
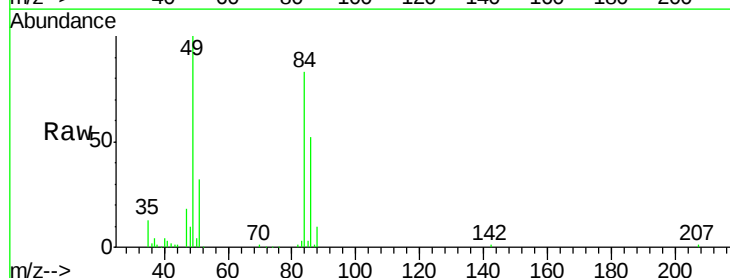
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

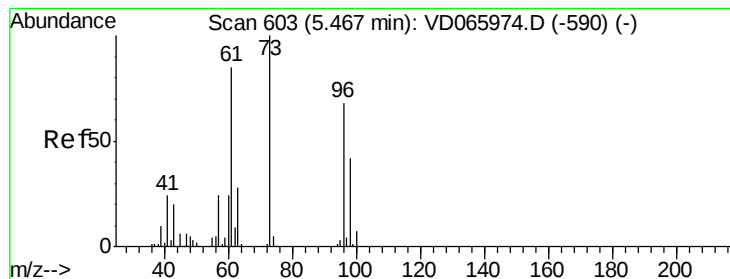
Tgt Ion: 73 Resp: 362338
Ion Ratio Lower Upper
73 100
57 23.8 17.0 25.4



#20
Methylene Chloride
Concen: 50.686 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 84 Resp: 186704
Ion Ratio Lower Upper
84 100
49 120.7 97.7 146.5
51 39.1 27.4 41.2
86 62.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 53.010 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

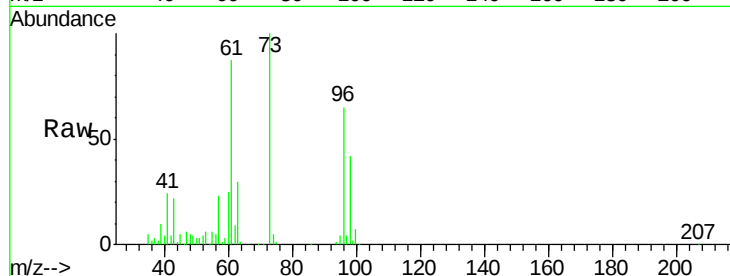
Tgt Ion: 96 Resp: 200519

Ion Ratio Lower Upper

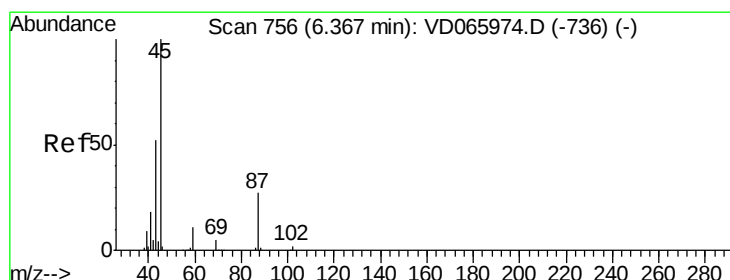
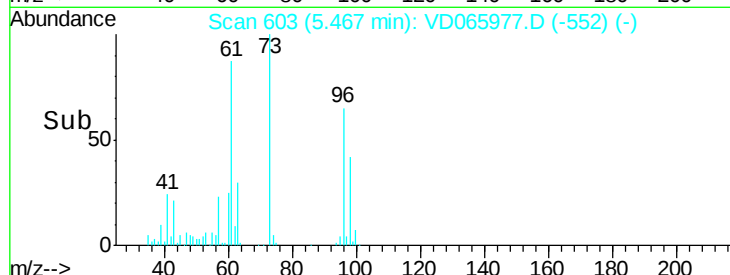
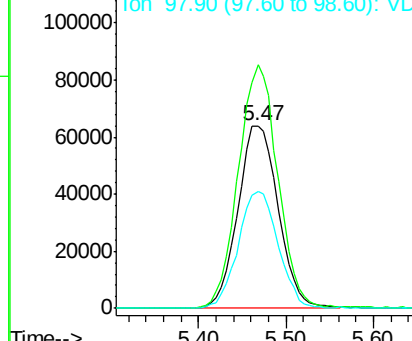
96 100

61 133.6 100.5 150.7

98 64.3 49.7 74.5



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: 53.453 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Tgt Ion: 45 Resp: 531287

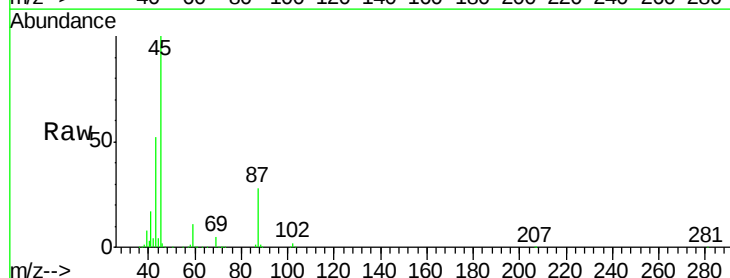
Ion Ratio Lower Upper

45 100

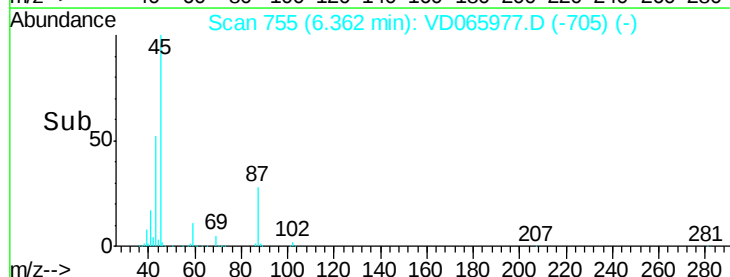
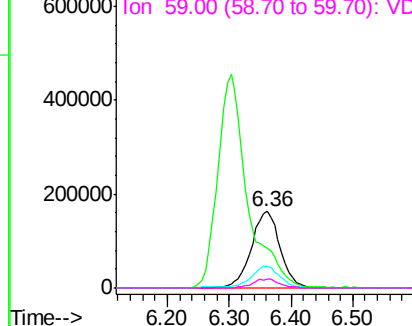
43 51.7 43.0 64.4

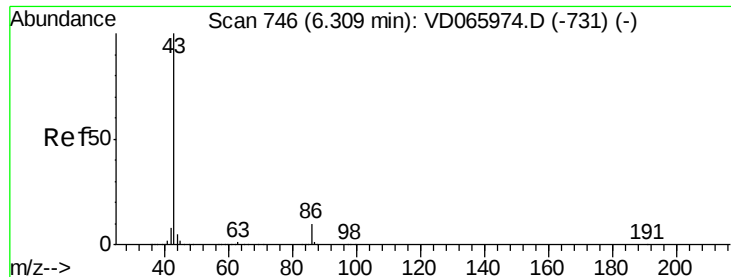
87 27.6 22.0 33.0

59 11.1 9.1 13.7



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: 272.199 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

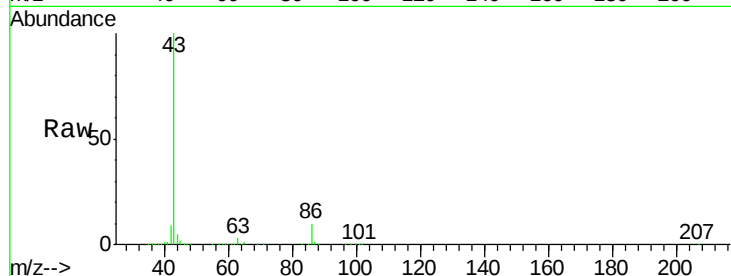
ICVVD072120

Tgt Ion: 43 Resp: 1525818

Ion Ratio Lower Upper

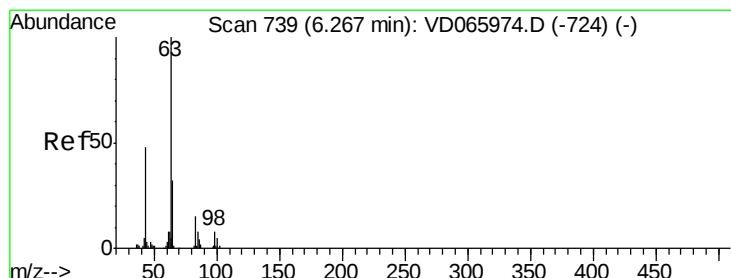
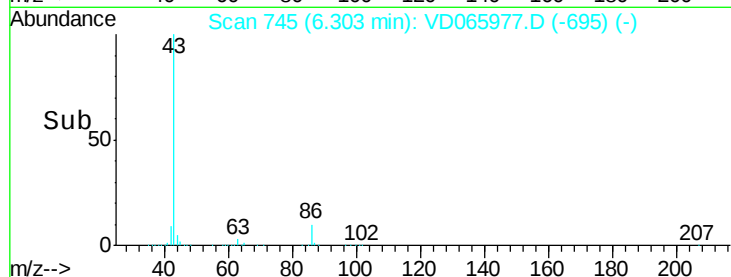
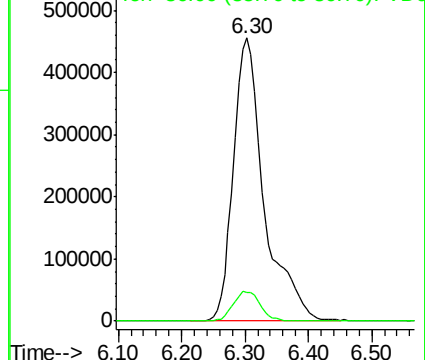
43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.156 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

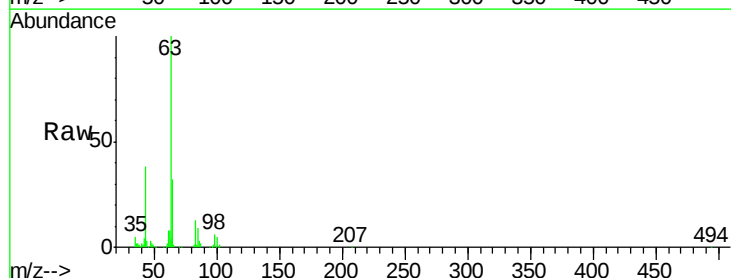
Tgt Ion: 63 Resp: 320126

Ion Ratio Lower Upper

63 100

98 6.3 4.3 12.8

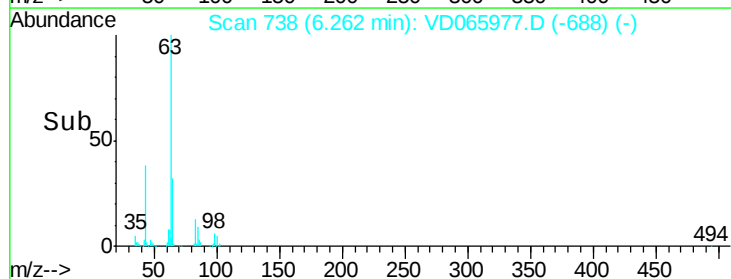
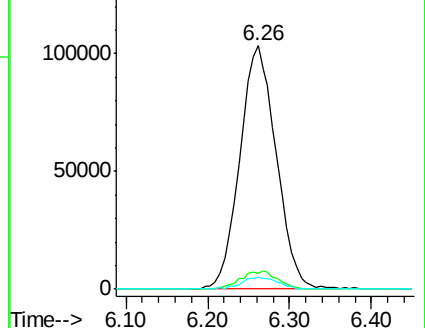
100 4.9 2.5 7.5

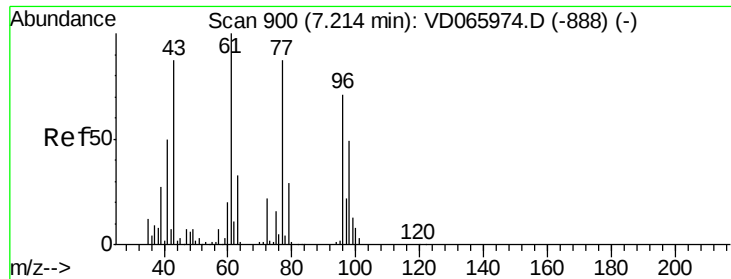


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 264.634 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

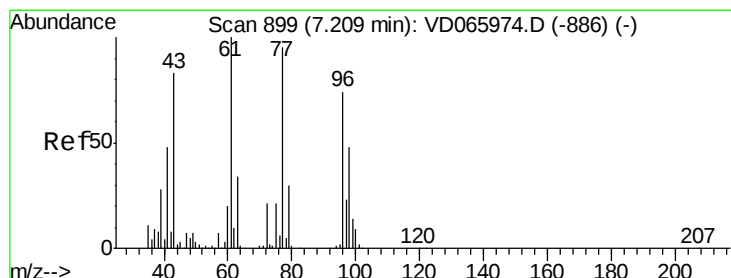
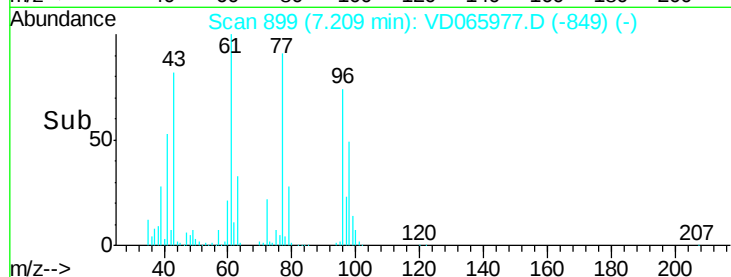
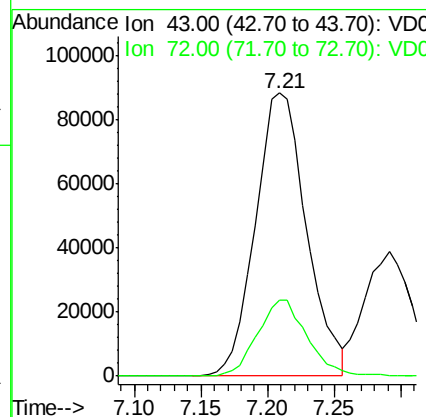
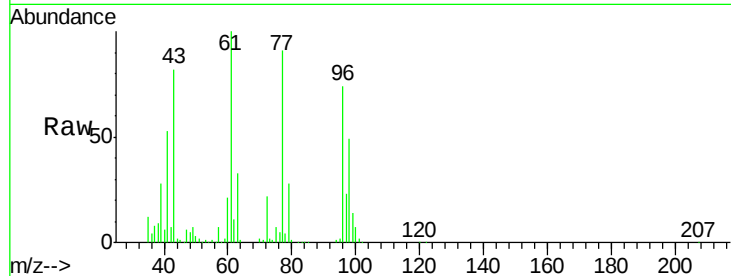
ICVVD072120

Tgt Ion: 43 Resp: 234112

Ion Ratio Lower Upper

43 100

72 26.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 54.801 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065977.D

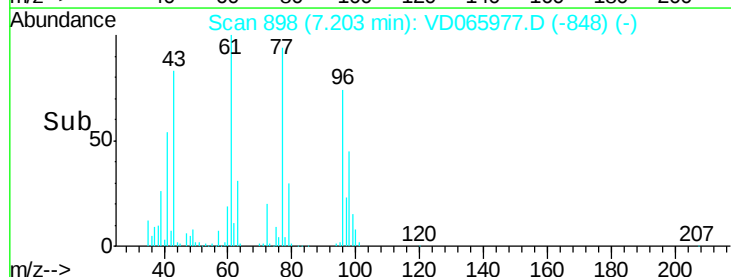
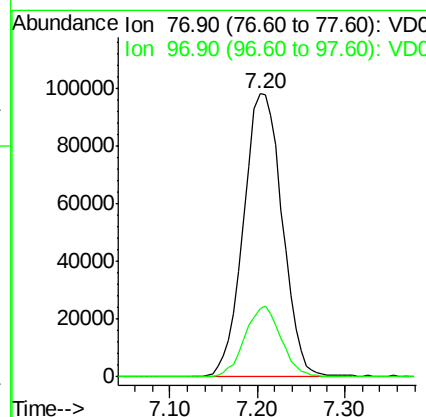
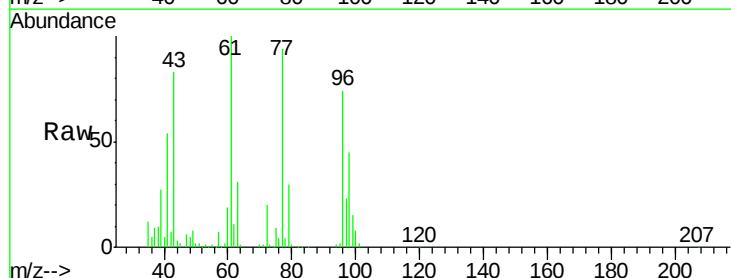
Acq: 21 Jul 2020 13:45

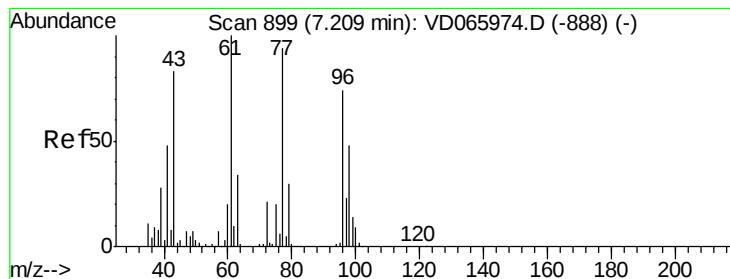
Tgt Ion: 77 Resp: 296787

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.7



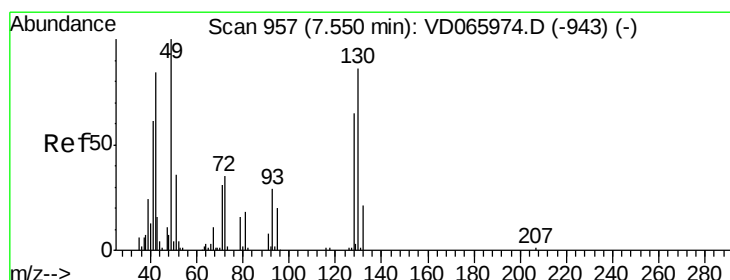
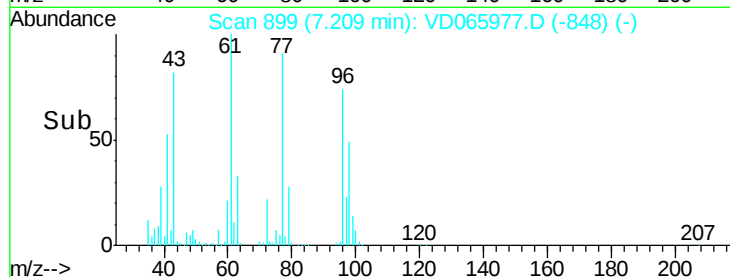
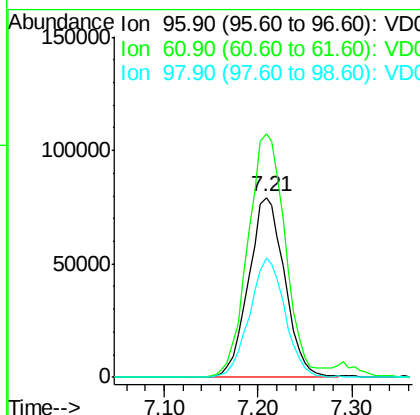
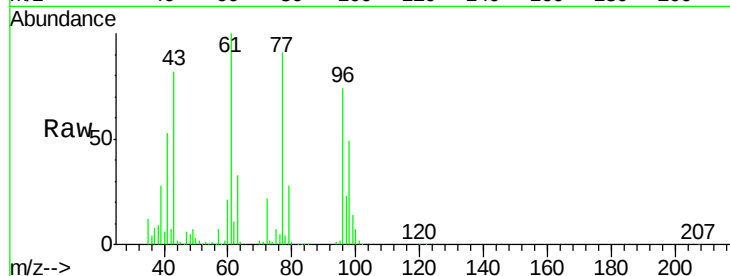


#27

cis-1,2-Dichloroethene
 Concen: 52.558 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

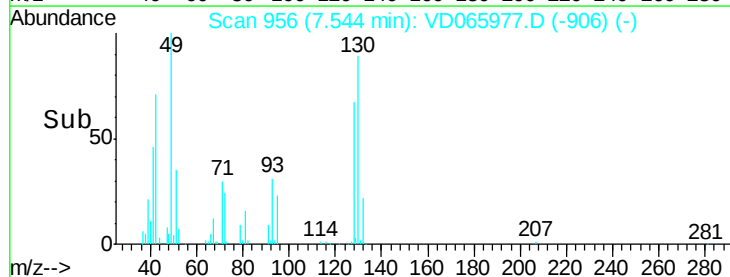
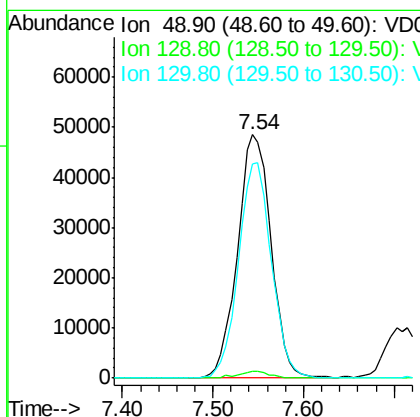
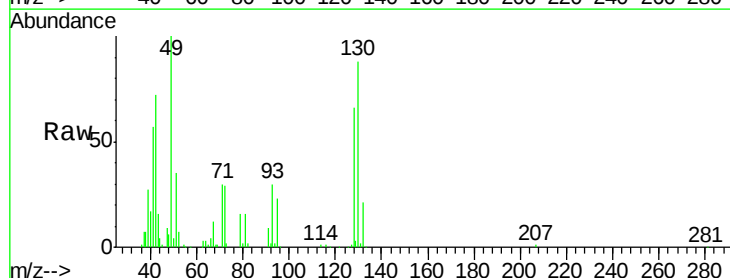
Tgt Ion: 96 Resp: 210495
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 276.6
 98 64.9 0.0 130.8

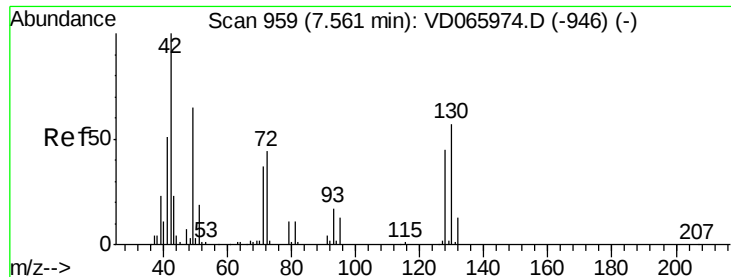


#28

Bromochloromethane
 Concen: 48.849 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 49 Resp: 124863
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 86.9 68.4 102.6

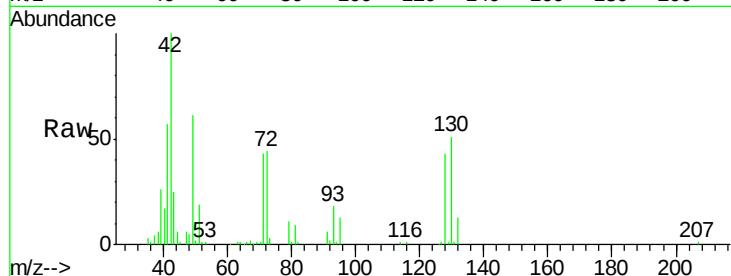




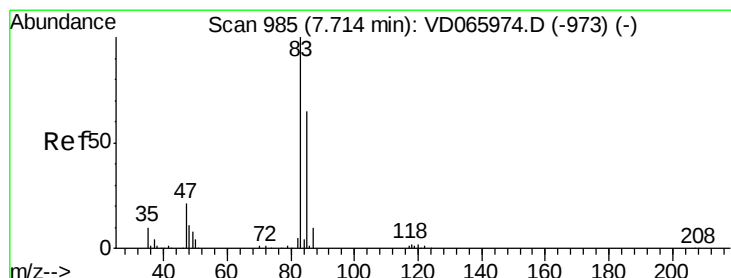
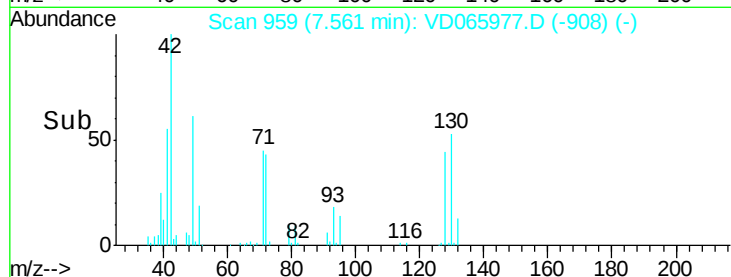
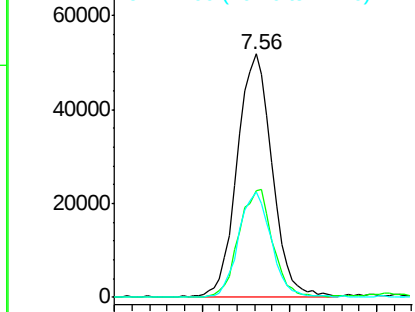
#29
Tetrahydrofuran
Concen: 258.487 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

Tgt Ion: 42 Resp: 141093
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 40.3 31.4 47.2

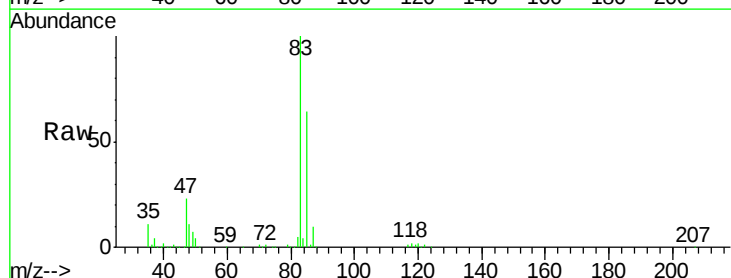


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

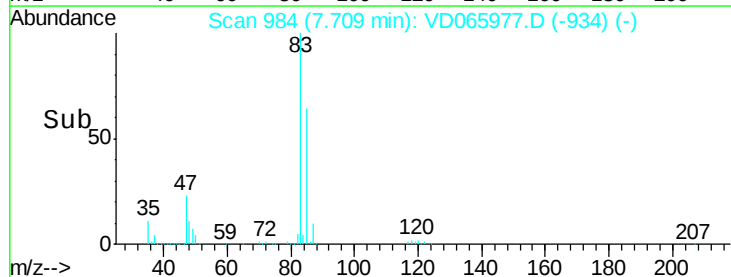
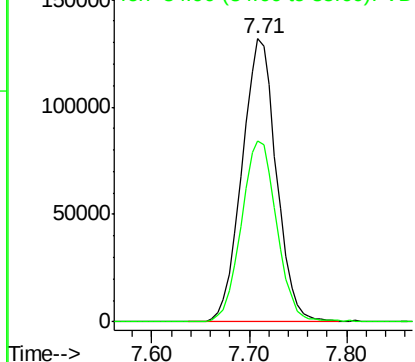


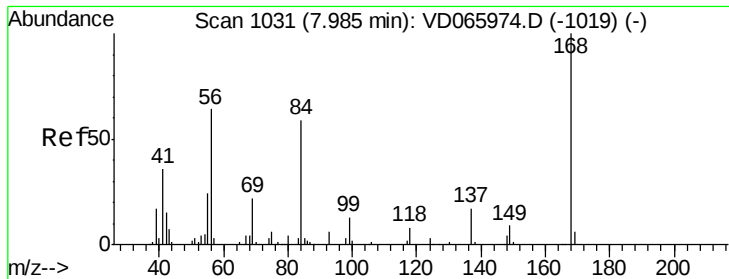
#30
Chloroform
Concen: 51.745 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 83 Resp: 325972
Ion Ratio Lower Upper
83 100
85 63.8 52.1 78.1



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

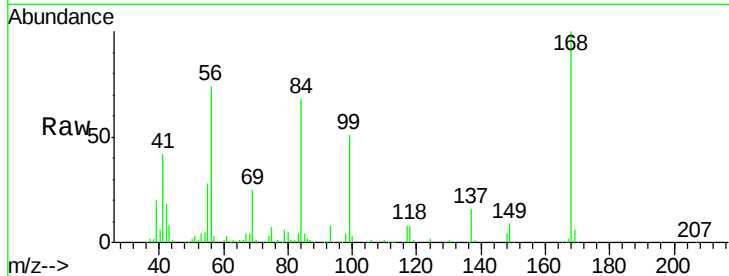




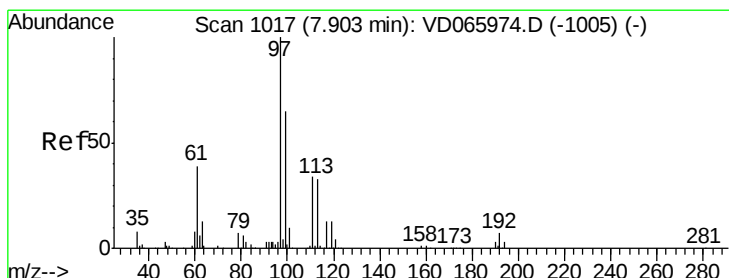
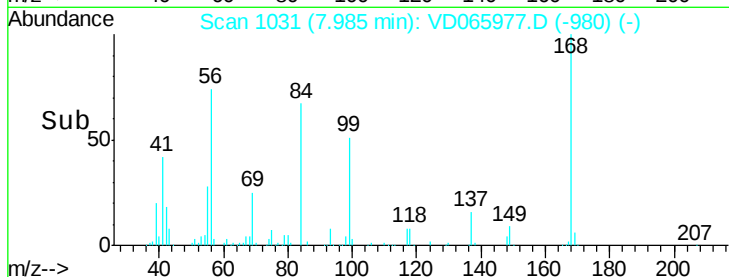
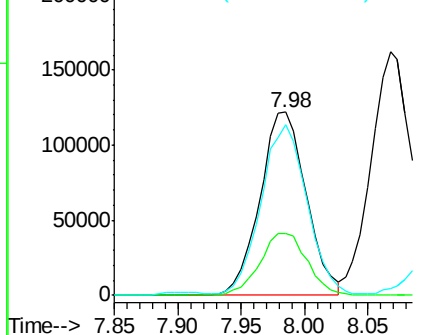
#31
Cyclohexane
Concen: 52.266 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

Tgt Ion: 56 Resp: 309672
Ion Ratio Lower Upper
56 100
69 33.9 28.0 42.0
84 91.4 72.6 109.0

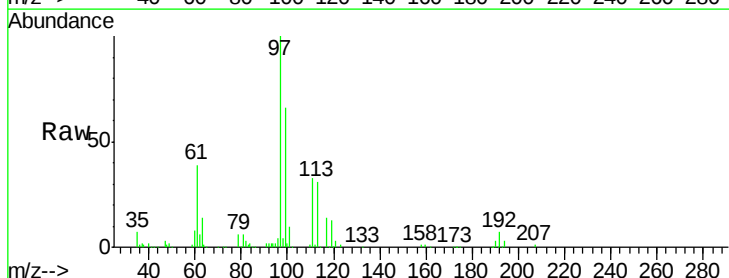


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

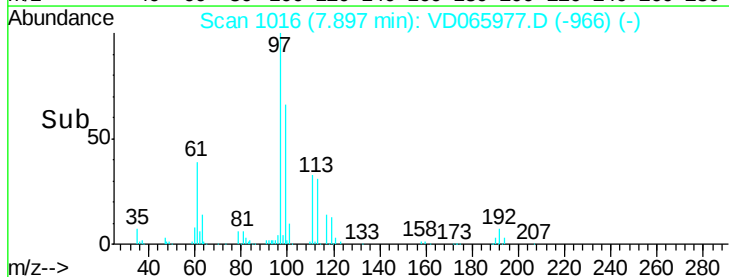
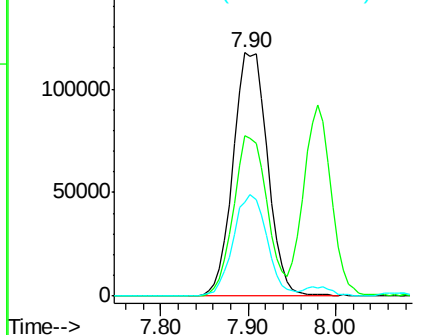


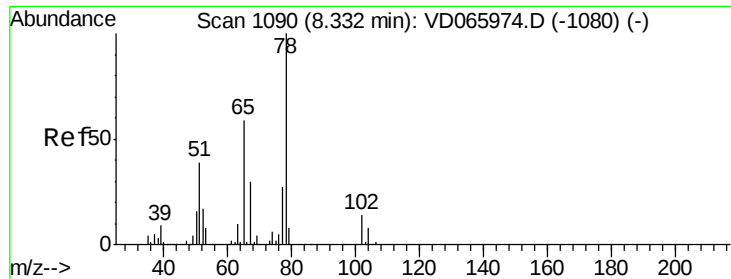
#32
1,1,1-Trichloroethane
Concen: 53.815 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 97 Resp: 313590
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 41.0 33.3 49.9



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

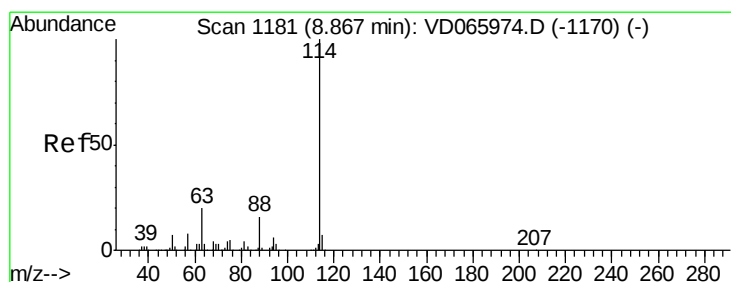
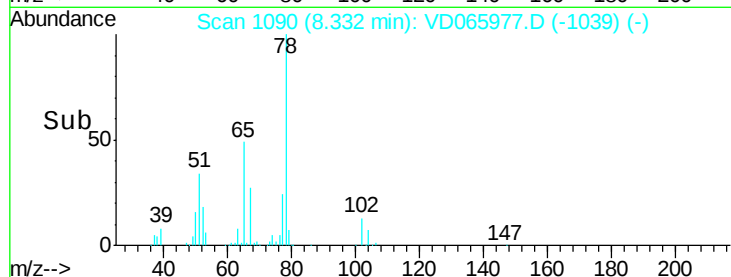
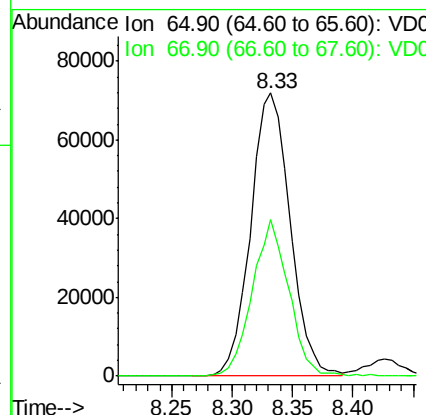
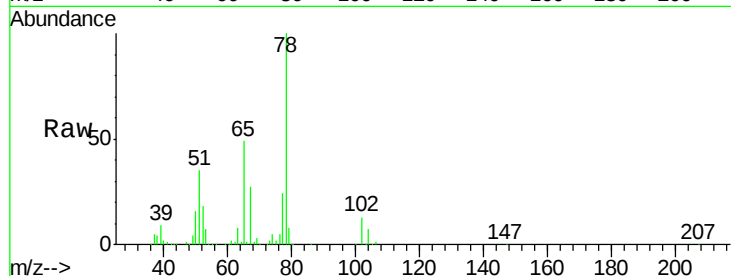




#33
 1,2-Dichloroethane-d4
 Concen: 49.797 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

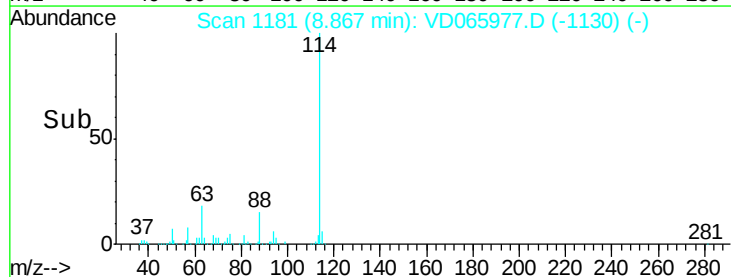
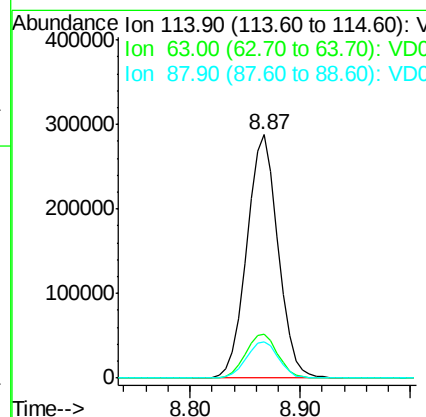
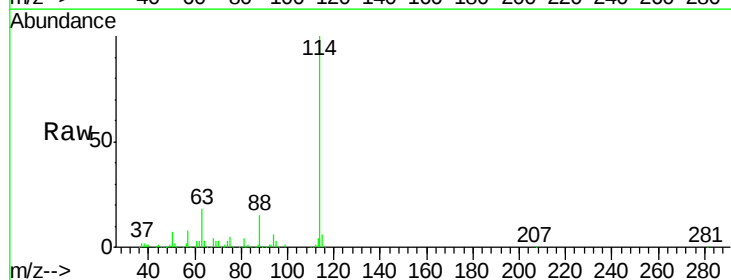
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

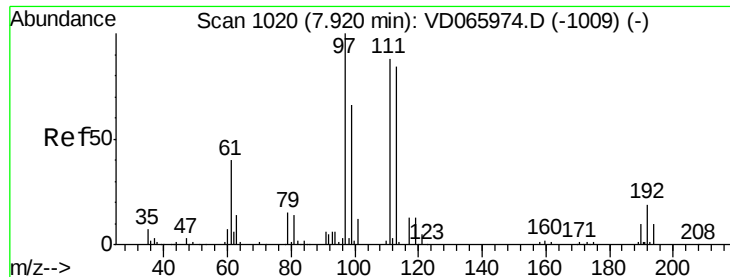
Tgt Ion: 65 Resp: 164019
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 114 Resp: 572821
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.6
 88 15.0 0.0 31.2

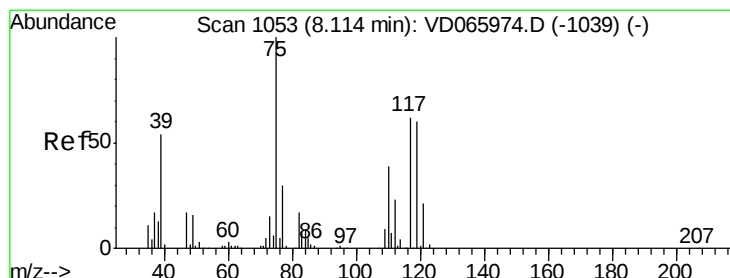
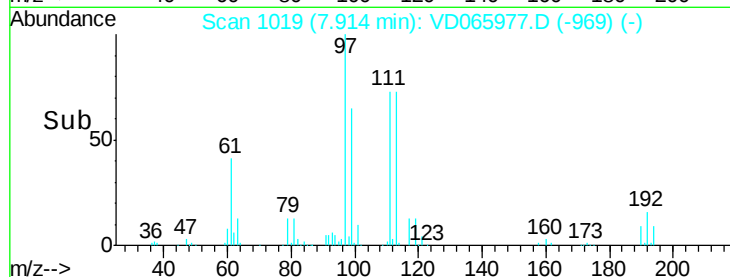
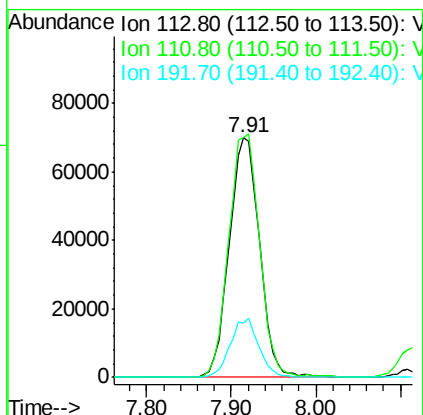
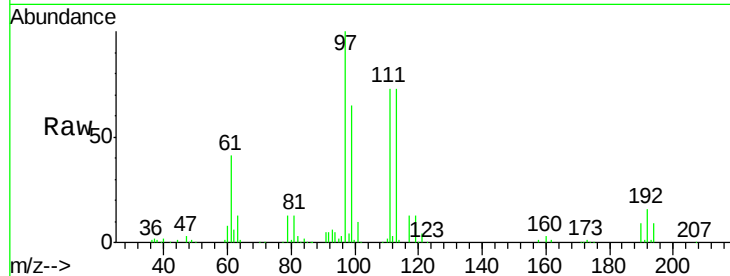




#35
 Dibromofluoromethane
 Concen: 49.846 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

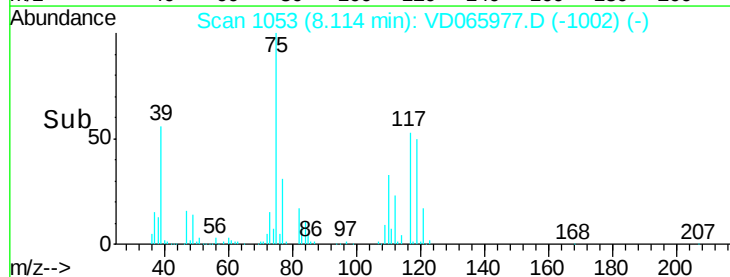
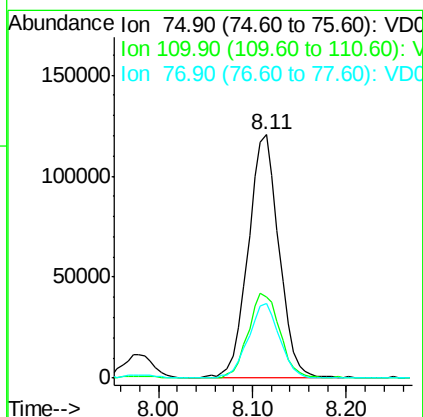
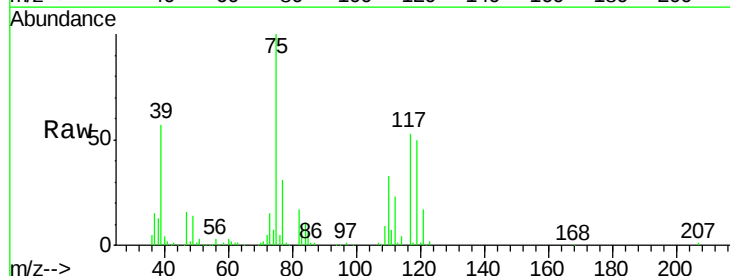
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

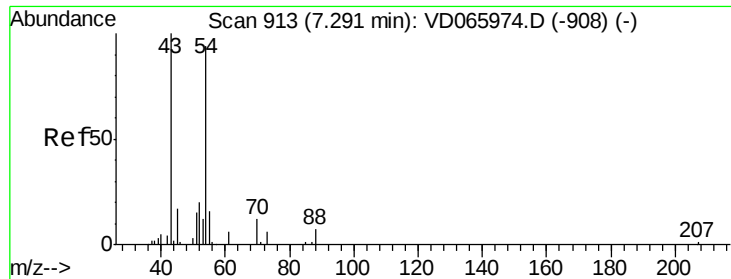
Tgt Ion: 113 Resp: 173182
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 23.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 55.652 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 75 Resp: 272067
 Ion Ratio Lower Upper
 75 100
 110 36.0 19.5 58.5
 77 31.3 24.7 37.1

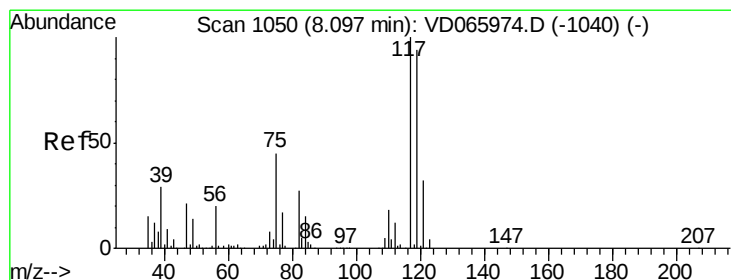
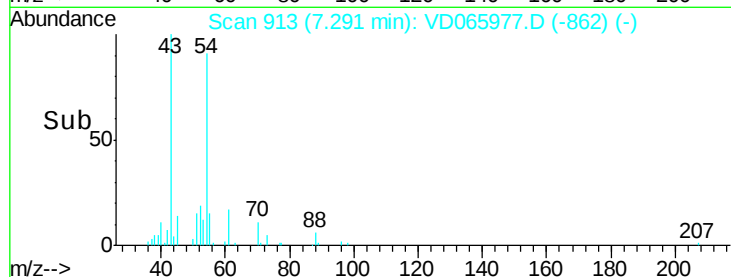
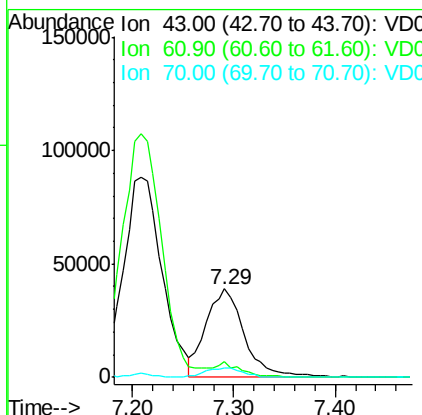
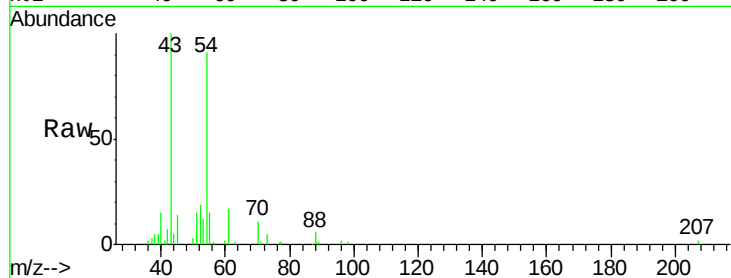




#37
Ethyl Acetate
Concen: 53.830 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

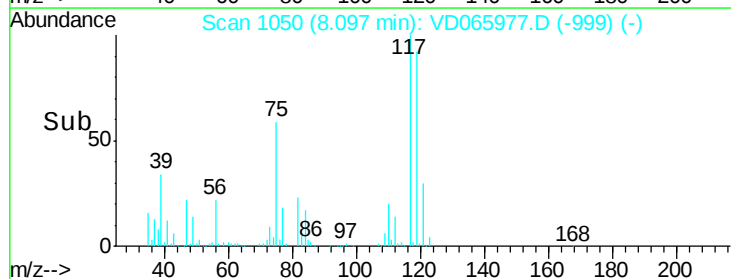
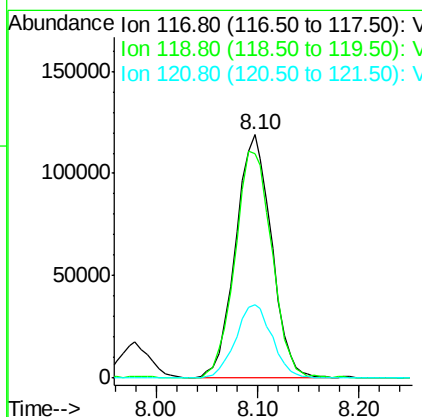
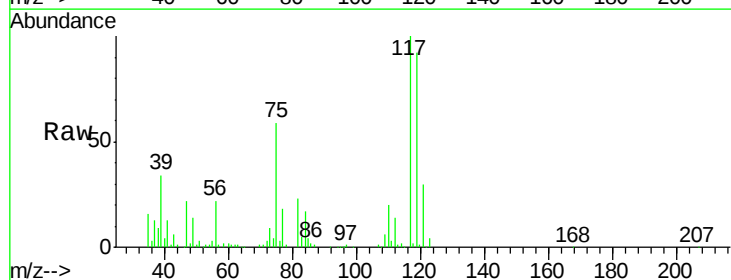
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

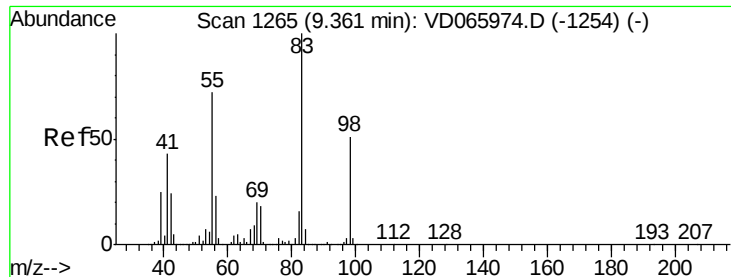
Tgt Ion: 43 Resp: 100501
Ion Ratio Lower Upper
43 100
61 11.1 11.4 17.0#
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 54.943 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 117 Resp: 291445
Ion Ratio Lower Upper
117 100
119 92.3 75.0 112.6
121 30.0 25.5 38.3

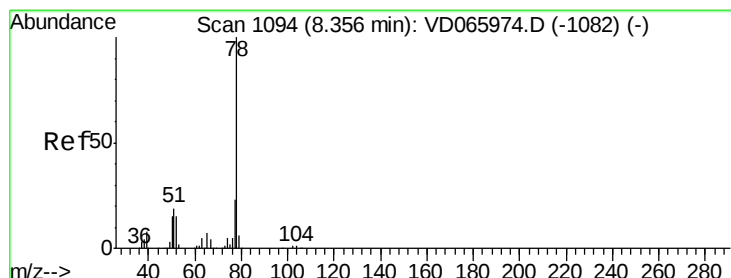
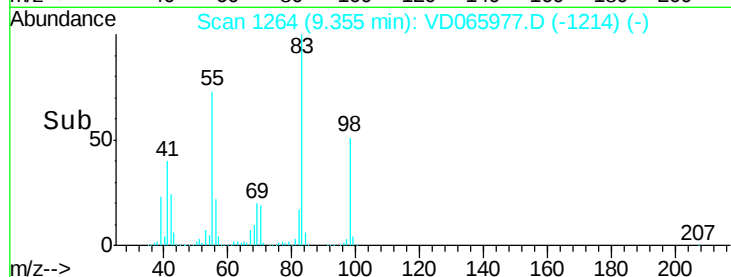
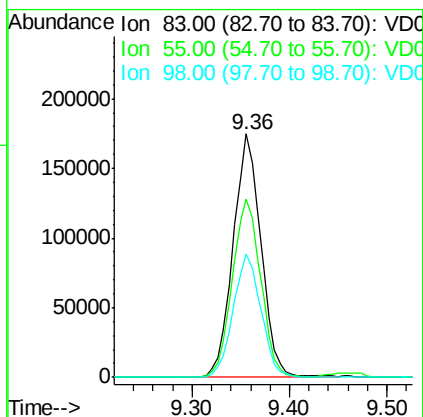
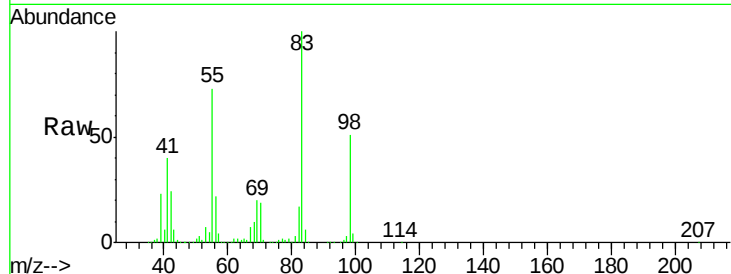




#39
Methylcyclohexane
Concen: 58.655 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

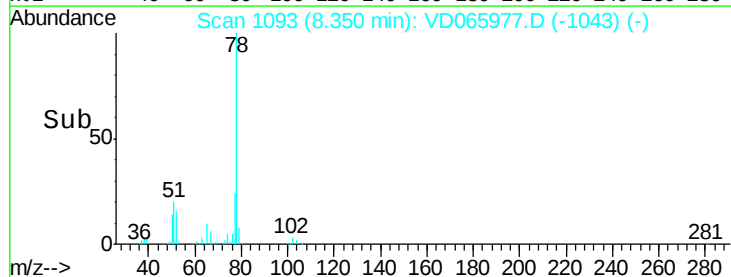
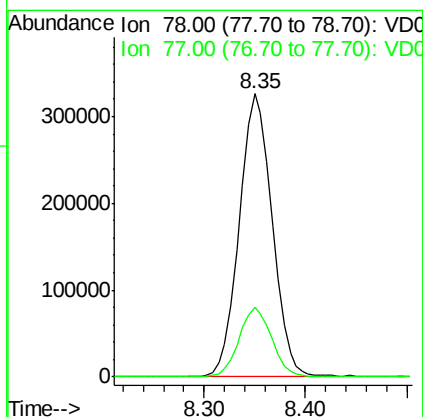
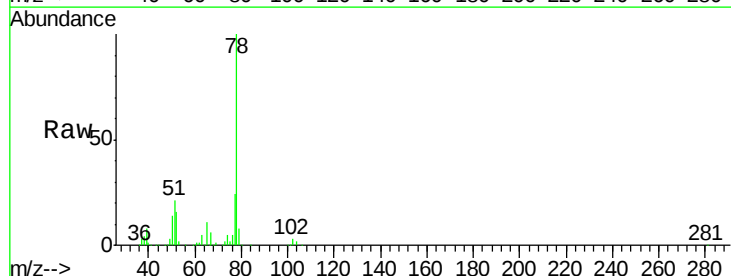
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

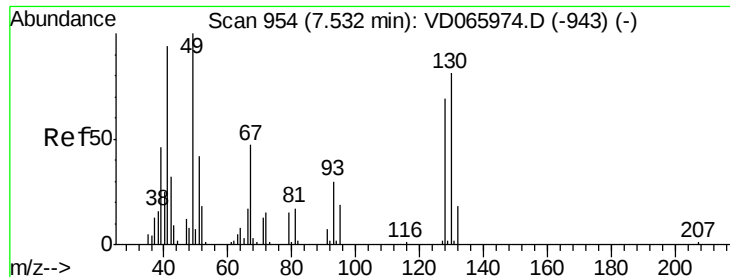
Tgt Ion: 83 Resp: 347255
Ion Ratio Lower Upper
83 100
55 73.1 57.3 85.9
98 50.9 41.0 61.6



#40
Benzene
Concen: 53.763 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 78 Resp: 735319
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 129.031 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

Tgt Ion: 41 Resp: 138004

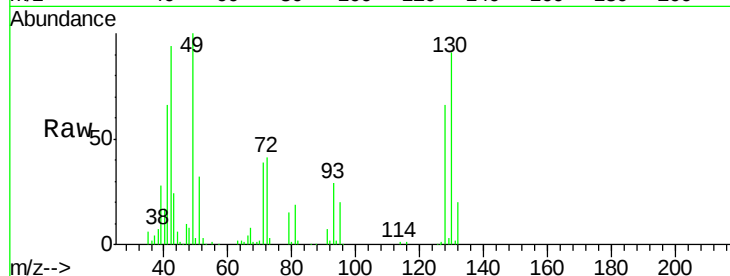
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

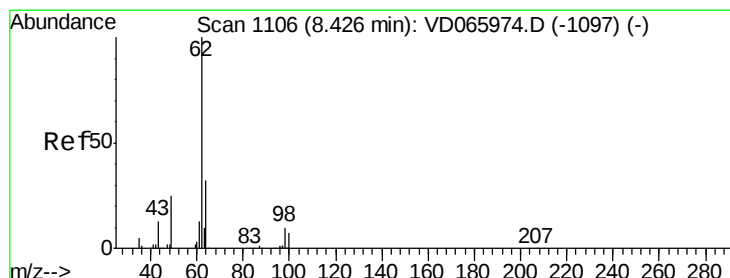
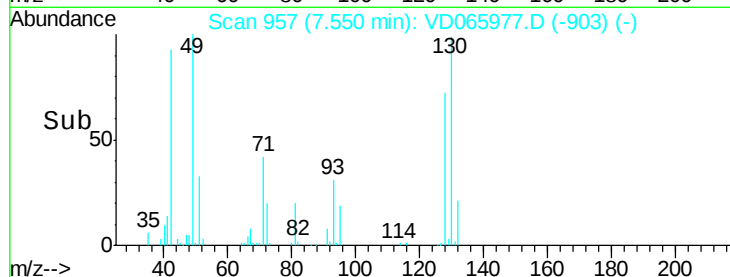
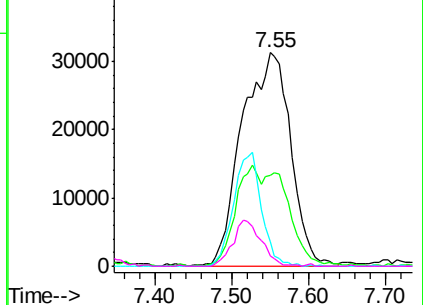


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.674 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065977.D

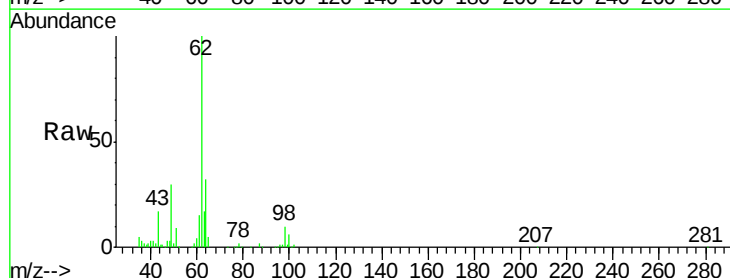
Acq: 21 Jul 2020 13:45

Tgt Ion: 62 Resp: 197413

Ion Ratio Lower Upper

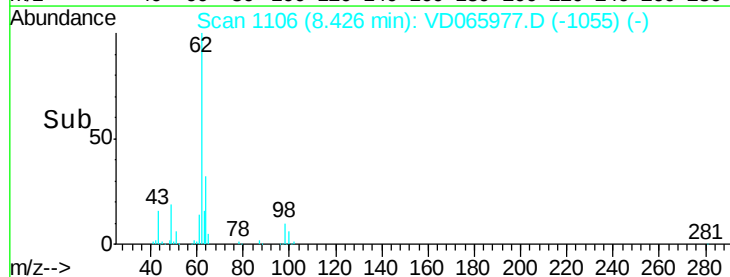
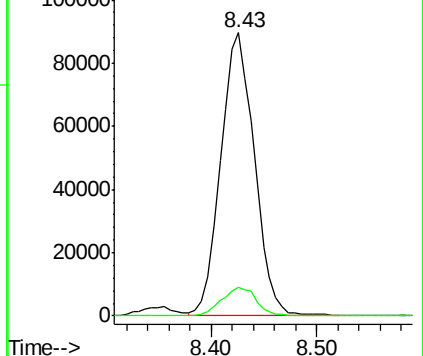
62 100

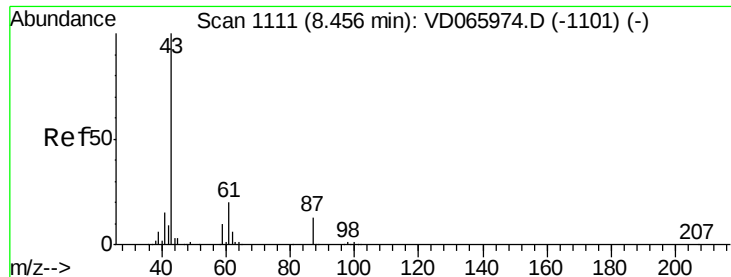
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

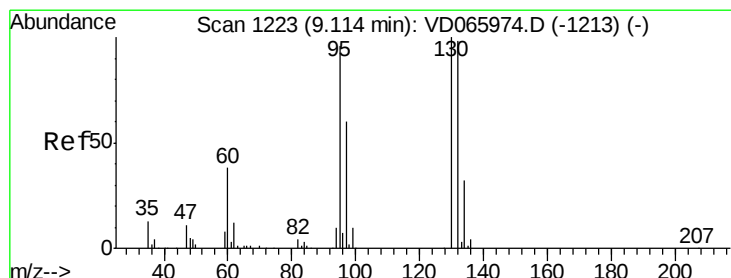
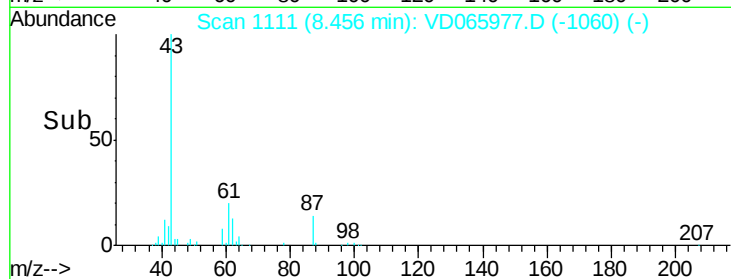
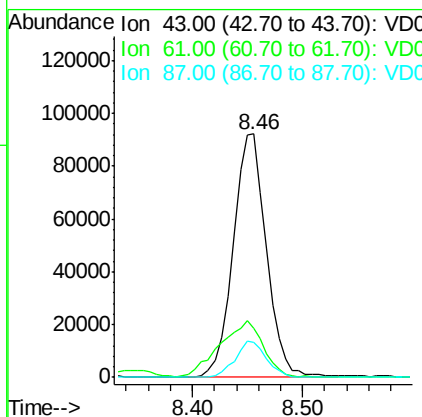
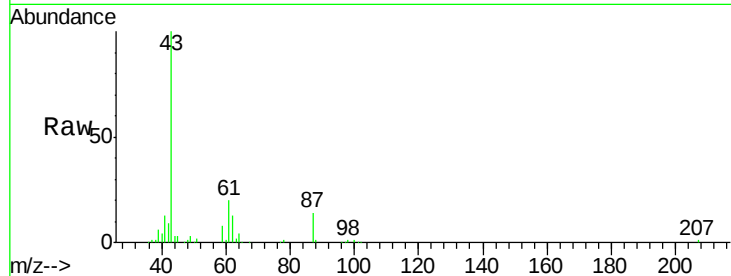




#43
Isopropyl Acetate
Concen: 53.456 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

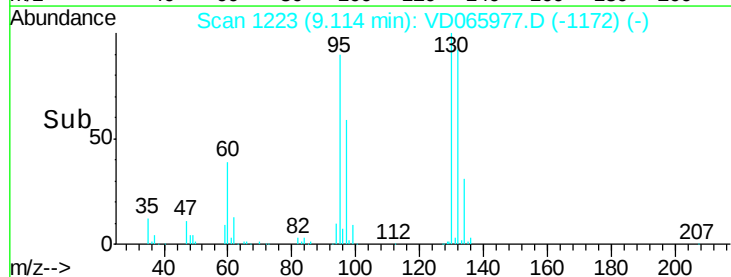
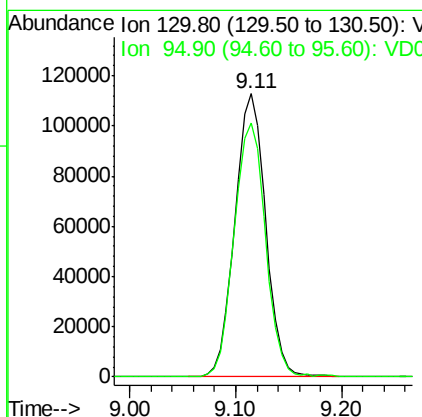
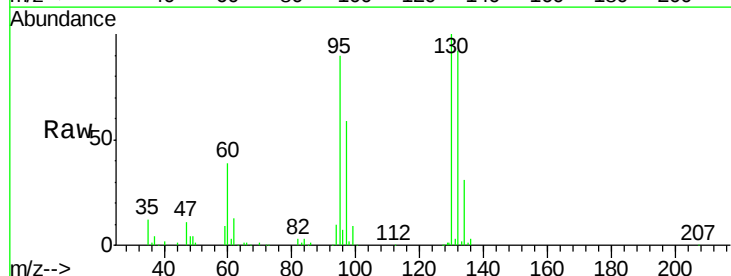
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

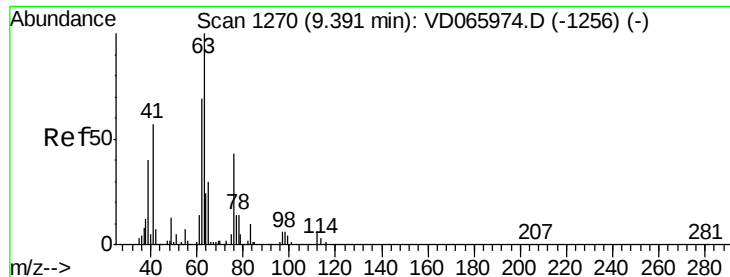
Tgt Ion: 43 Resp: 194929
Ion Ratio Lower Upper
43 100
61 30.6 25.8 38.8
87 13.9 10.9 16.3



#44
Trichloroethene
Concen: 55.102 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 130 Resp: 228060
Ion Ratio Lower Upper
130 100
95 89.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 53.593 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

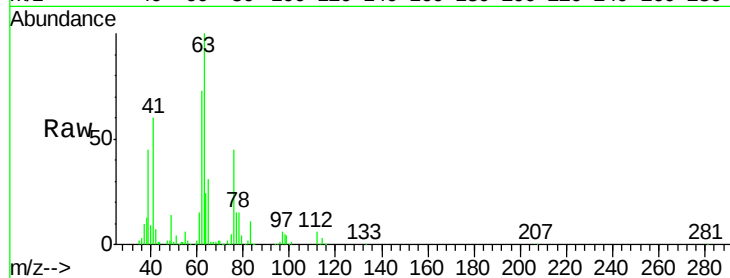
ICVVD072120

Tgt Ion: 63 Resp: 177525

Ion Ratio Lower Upper

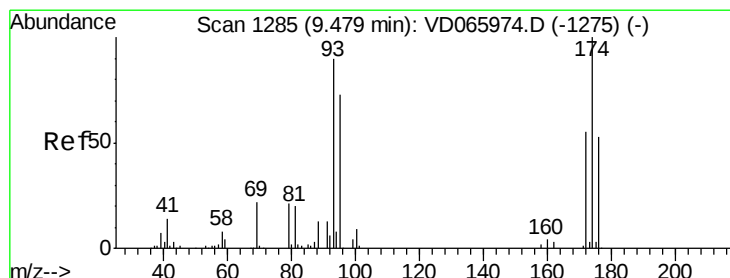
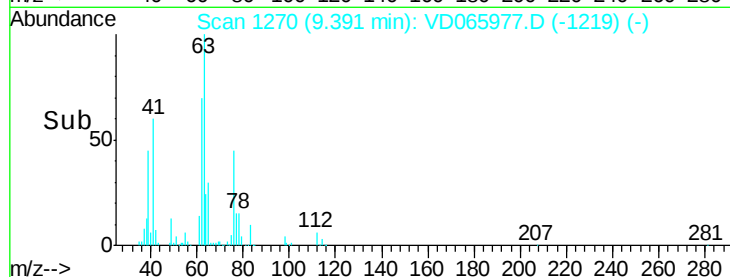
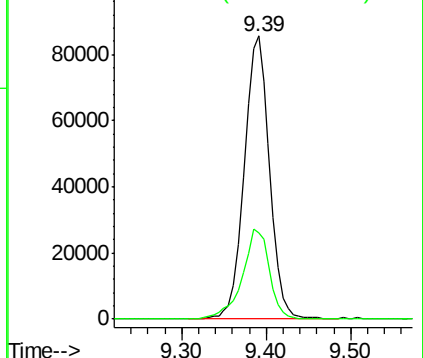
63 100

65 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.159 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

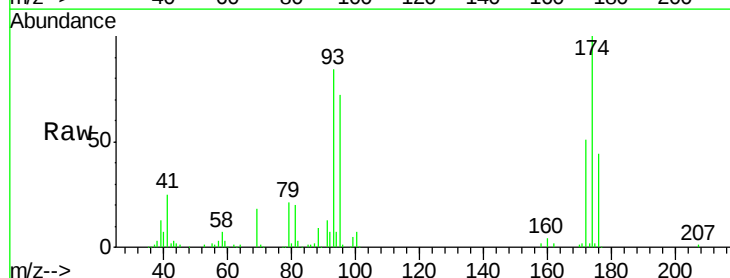
Tgt Ion: 93 Resp: 93011

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

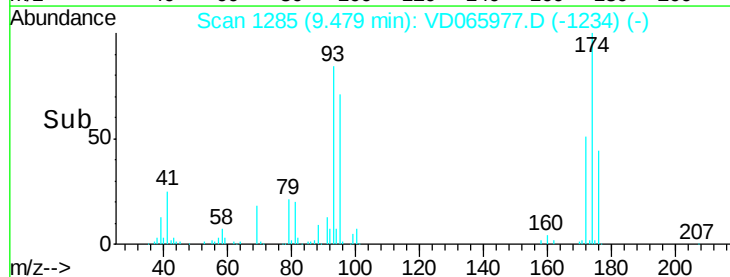
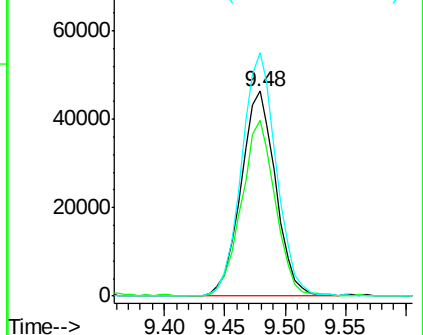
174 118.8 91.5 137.3

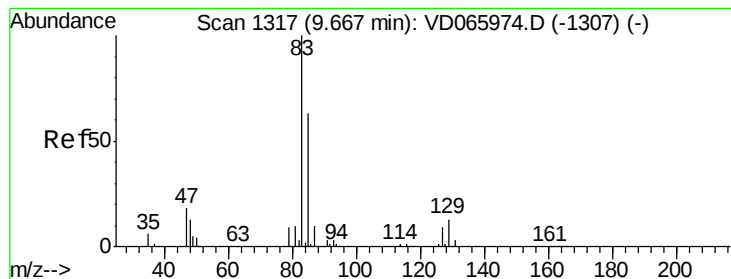


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.451 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

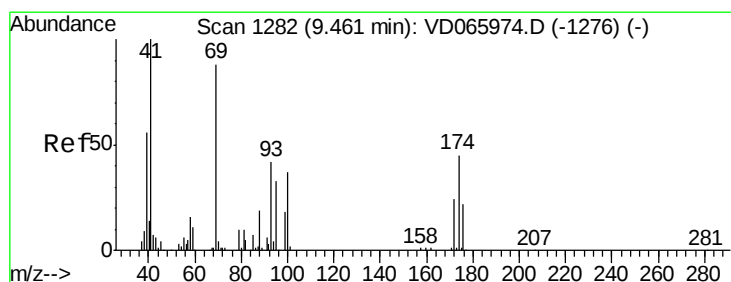
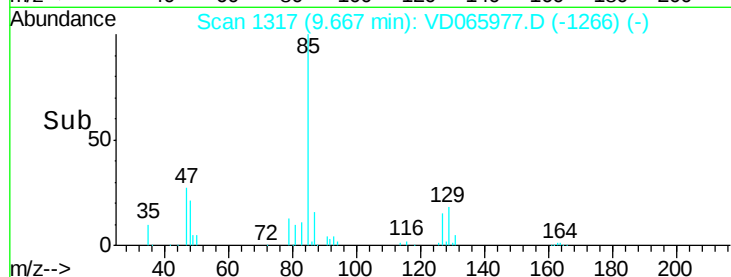
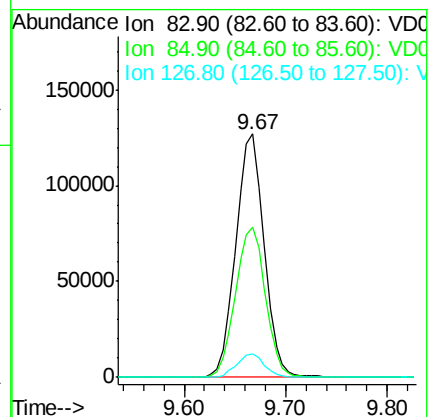
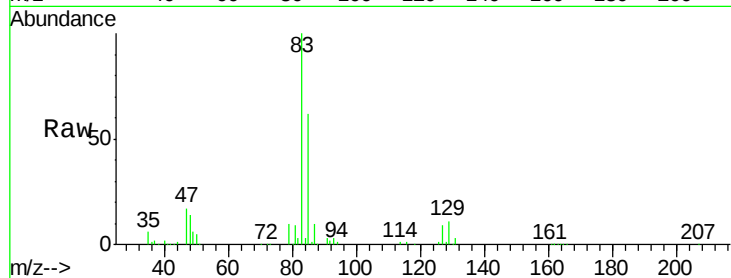
Tgt Ion: 83 Resp: 247306

Ion Ratio Lower Upper

83 100

85 61.8 50.6 75.8

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 54.044 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

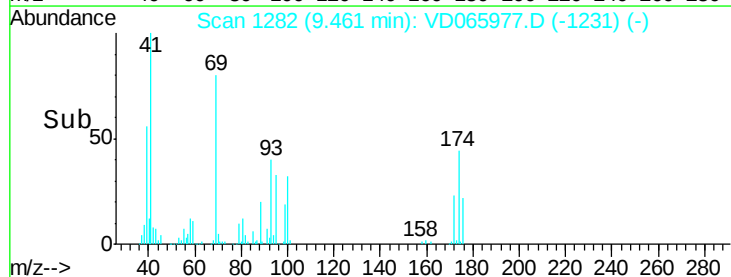
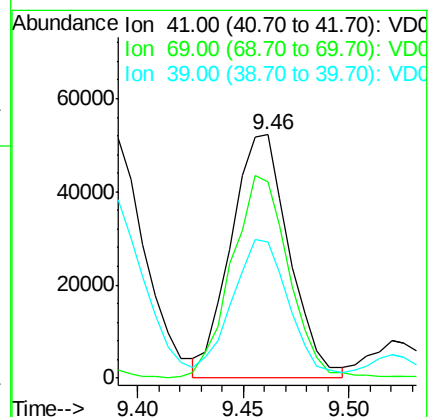
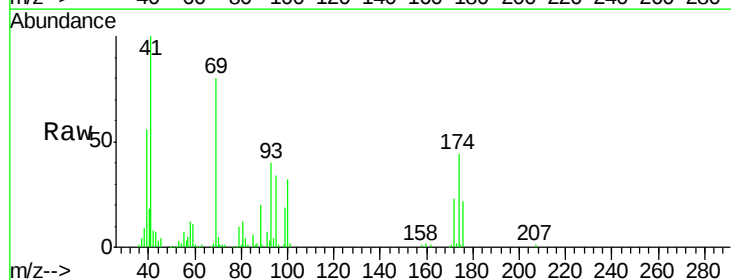
Tgt Ion: 41 Resp: 99409

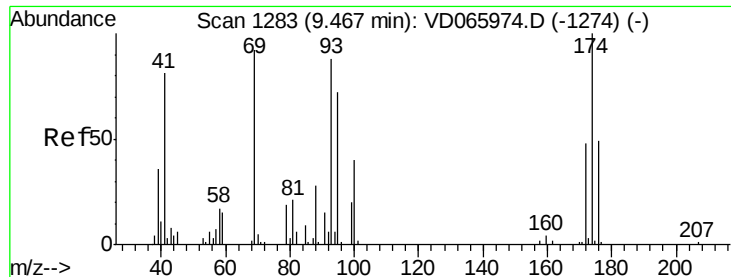
Ion Ratio Lower Upper

41 100

69 80.8 65.1 97.7

39 51.5 41.5 62.3





#49

1,4-Dioxane

Concen: 1041.656 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

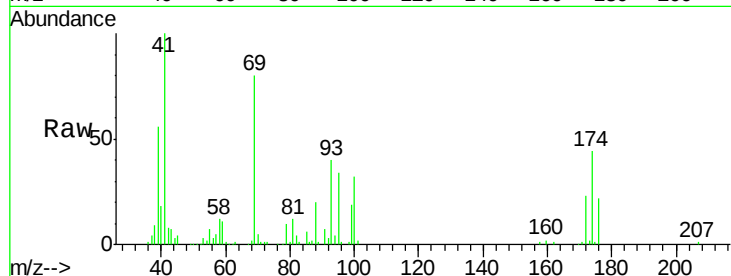
Tgt Ion: 88 Resp: 21520

Ion Ratio Lower Upper

88 100

43 31.8 29.0 43.6

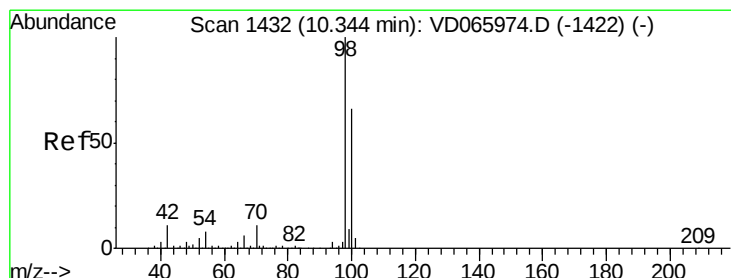
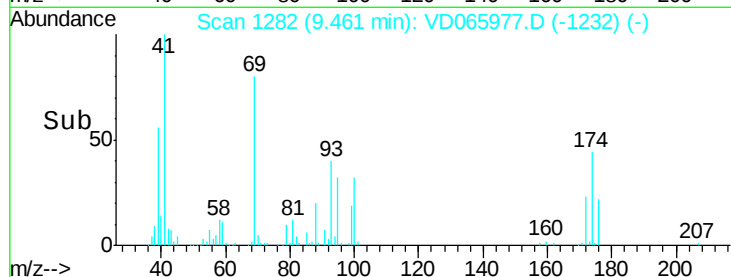
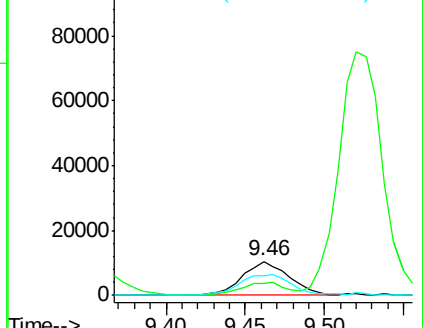
58 66.9 57.0 85.4



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: 52.380 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065977.D

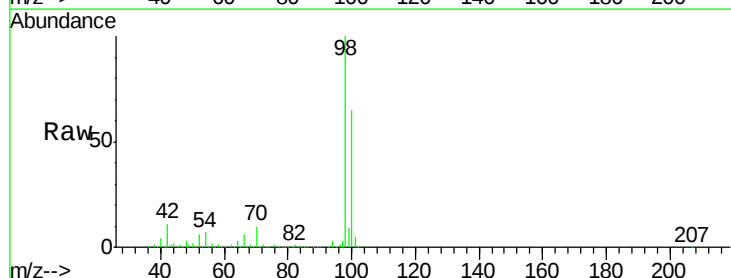
Acq: 21 Jul 2020 13:45

Tgt Ion: 98 Resp: 677951

Ion Ratio Lower Upper

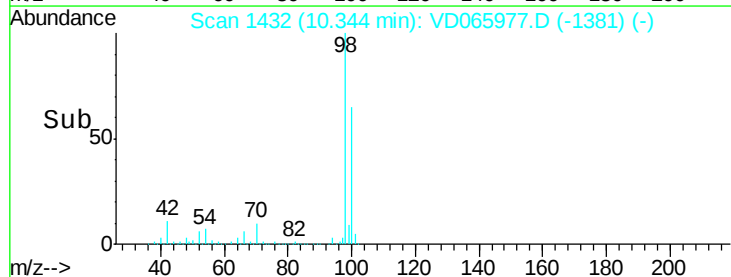
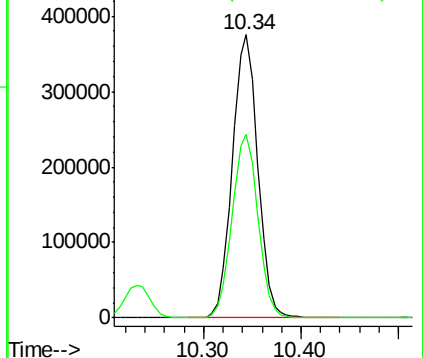
98 100

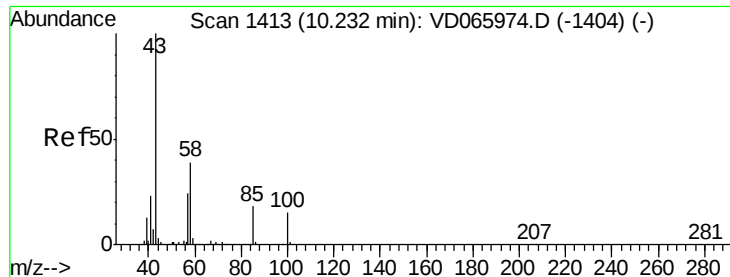
100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

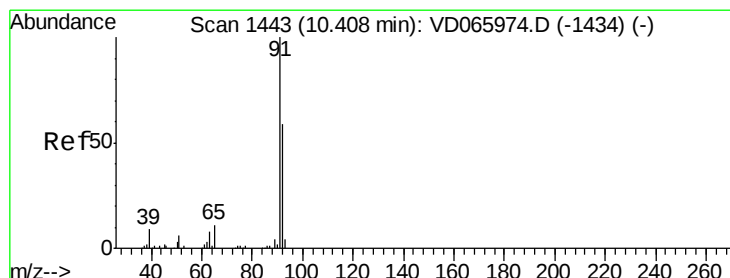
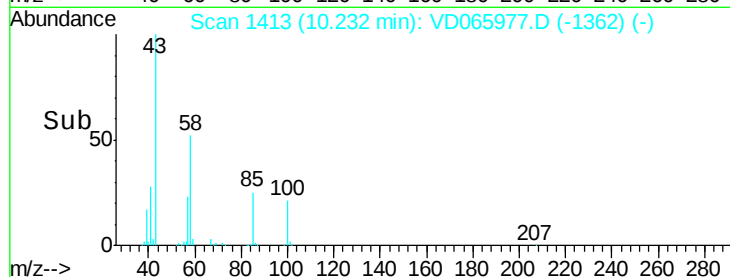
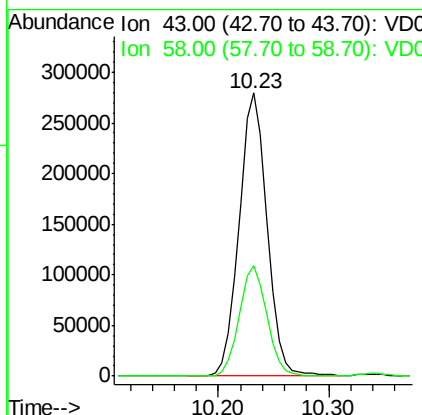
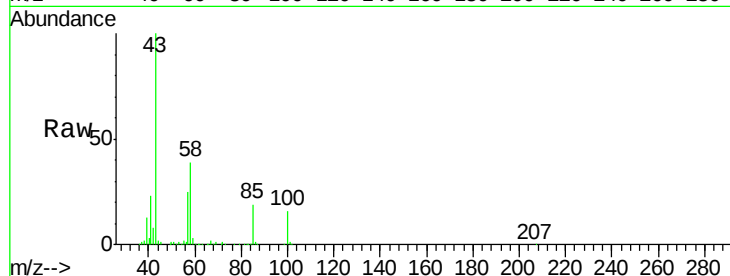




#51
4-Methyl-2-Pentanone
Concen: 270.733 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

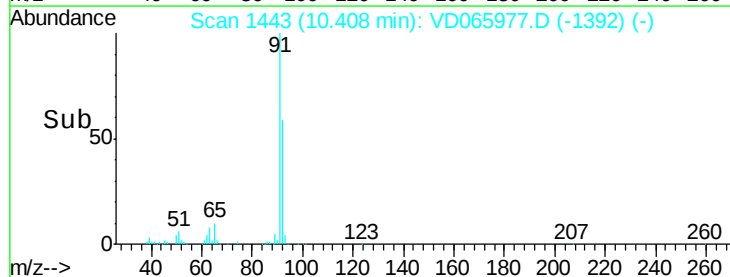
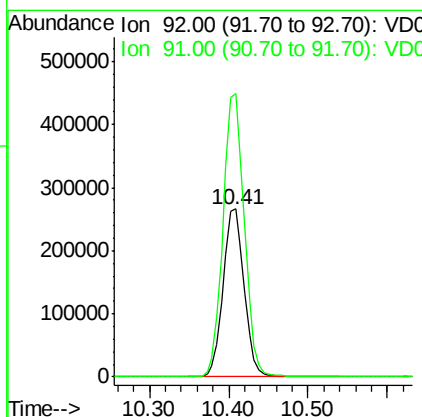
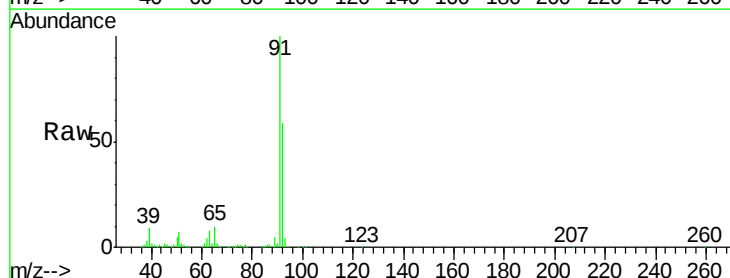
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

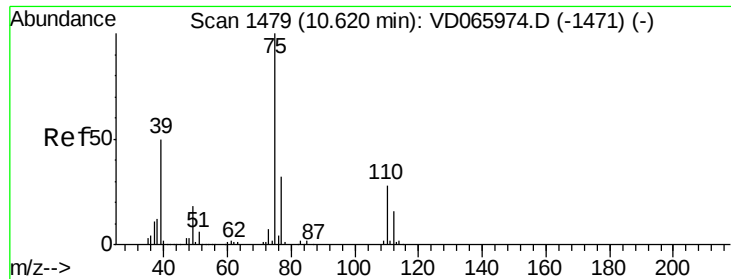
Tgt Ion: 43 Resp: 497427
Ion Ratio Lower Upper
43 100
58 38.8 31.3 46.9



#52
Toluene
Concen: 54.902 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 92 Resp: 489690
Ion Ratio Lower Upper
92 100
91 169.8 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 53.988 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

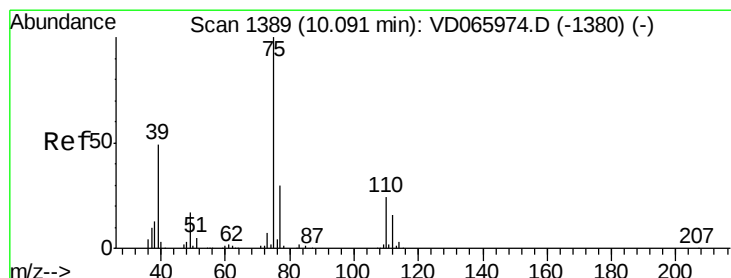
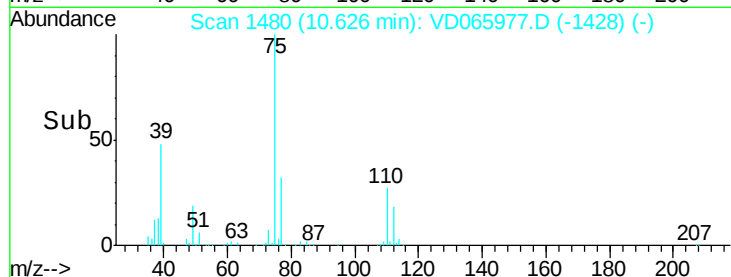
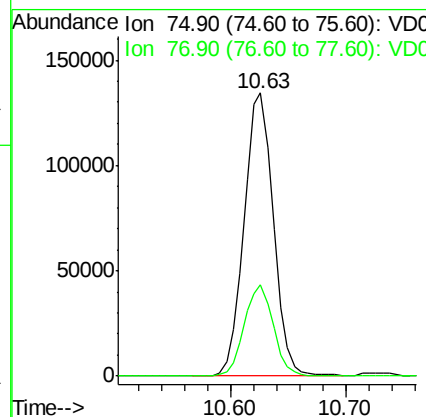
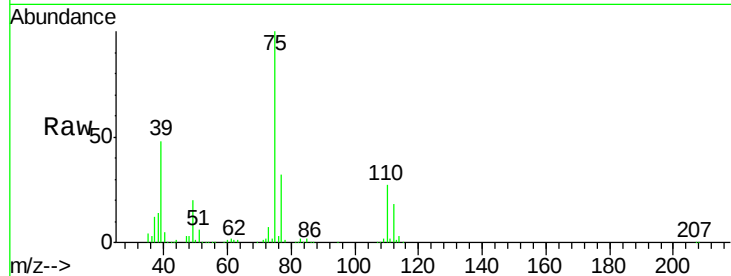
ICVVD072120

Tgt Ion: 75 Resp: 237152

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 54.036 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

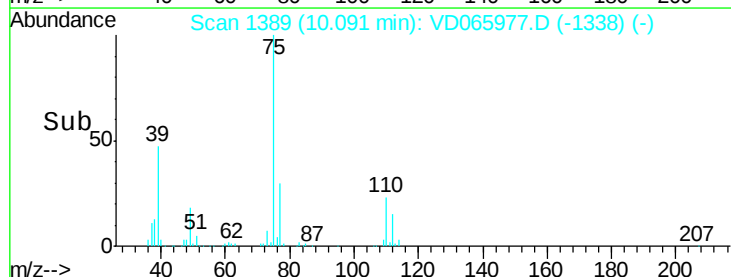
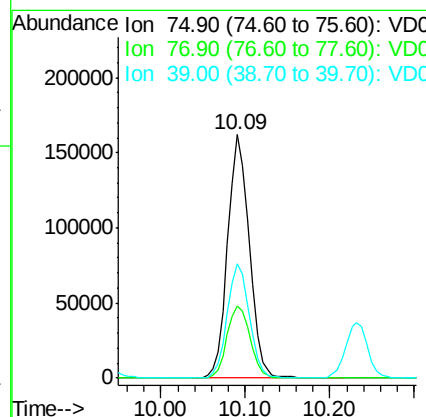
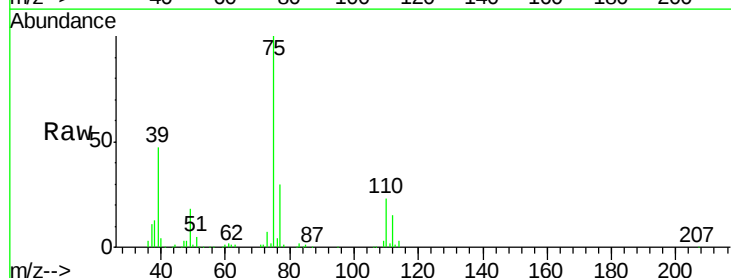
Tgt Ion: 75 Resp: 287729

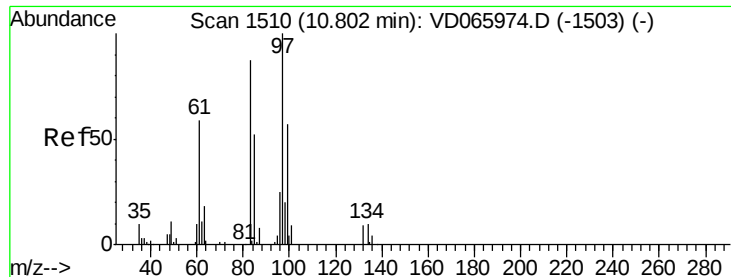
Ion Ratio Lower Upper

75 100

77 29.7 23.8 35.8

39 47.0 38.8 58.2

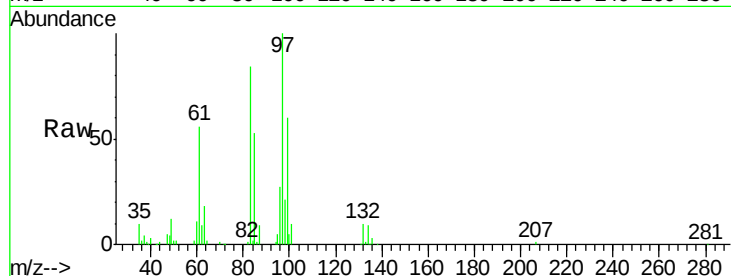




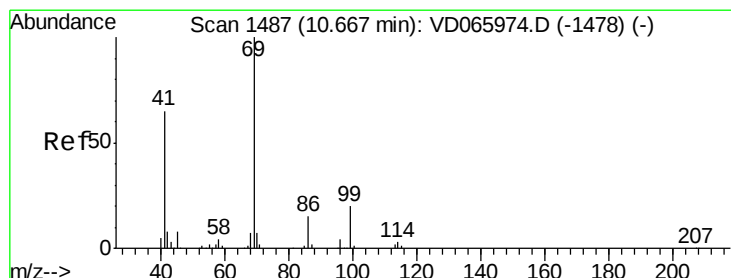
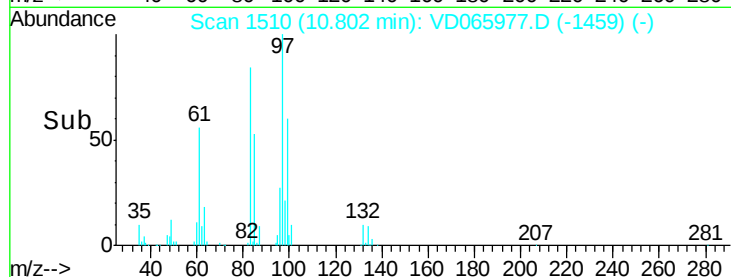
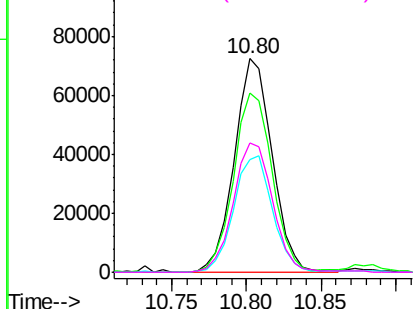
#55
 1,1,2-Trichloroethane
 Concen: 50.726 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

Tgt Ion:	97	Resp:	128287
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.7	104.5
85	52.7	41.6	62.4
99	60.2	45.9	68.9

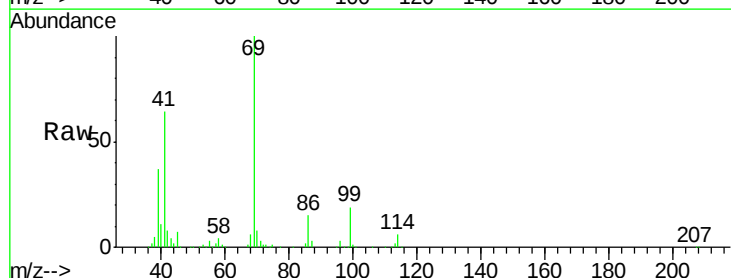


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

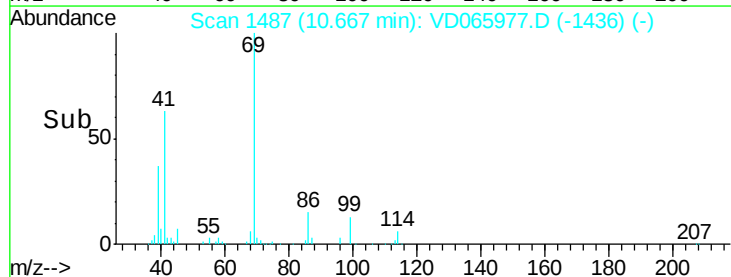
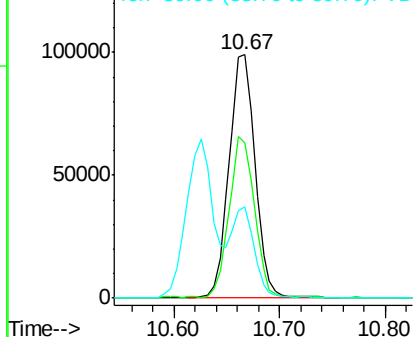


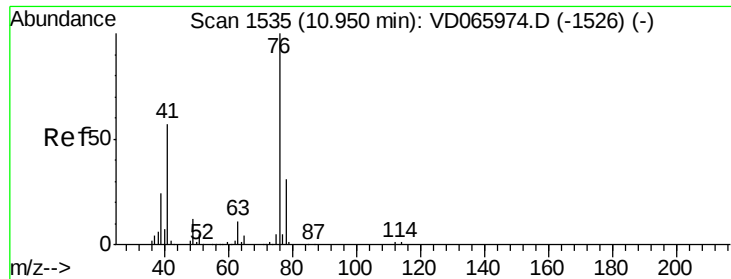
#56
 Ethyl methacrylate
 Concen: 57.327 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion:	69	Resp:	168563
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.3	78.5
39	31.5	25.2	37.8



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

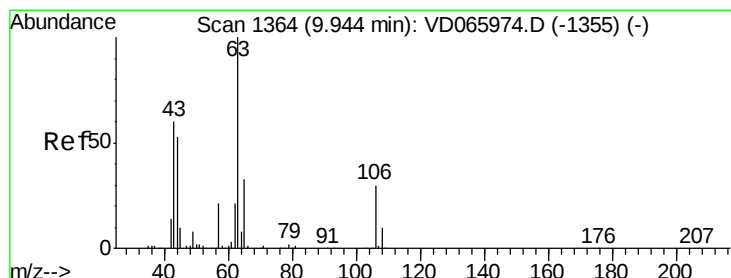
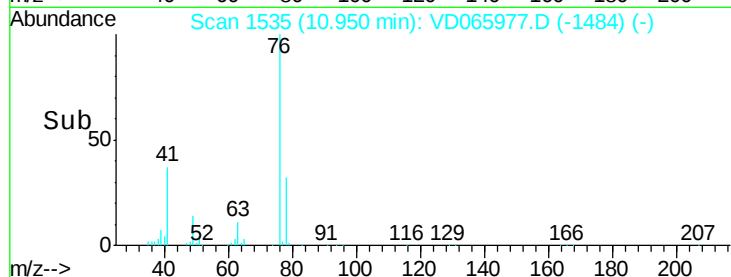
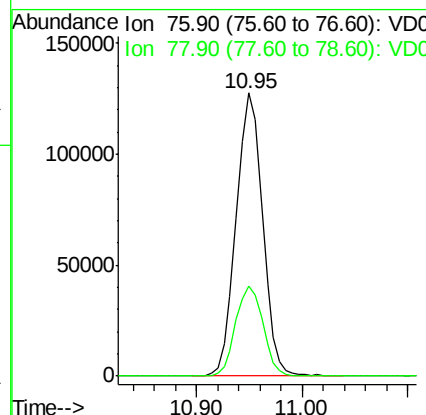
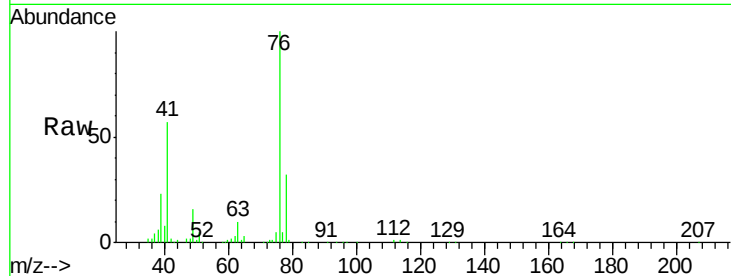




#57
 1,3-Dichloropropane
 Concen: 52.798 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

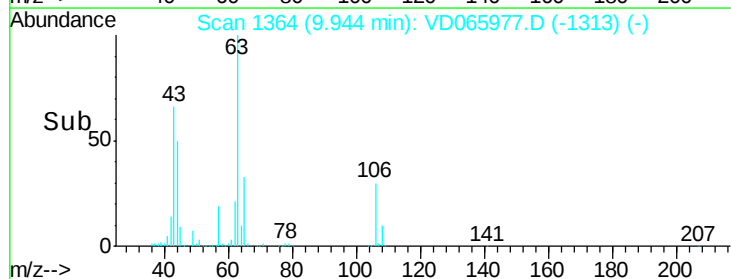
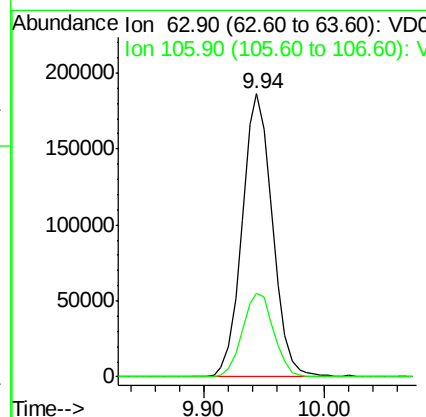
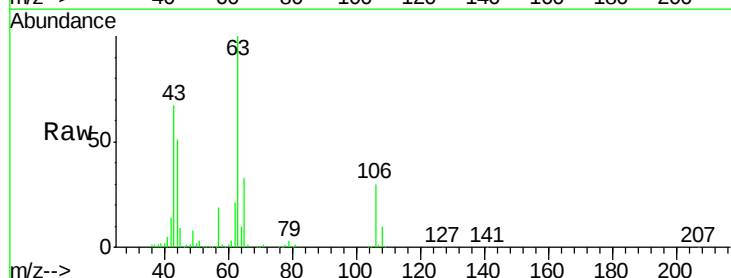
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

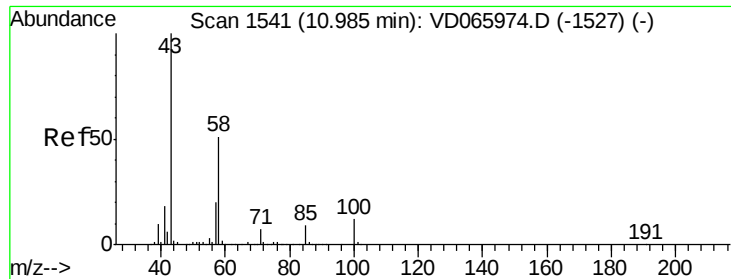
Tgt Ion: 76 Resp: 221050
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.976 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 63 Resp: 325842
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.4 36.6

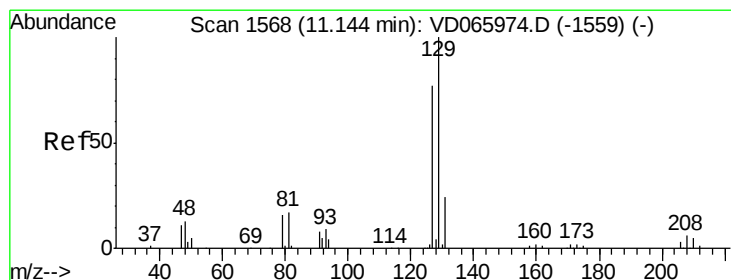
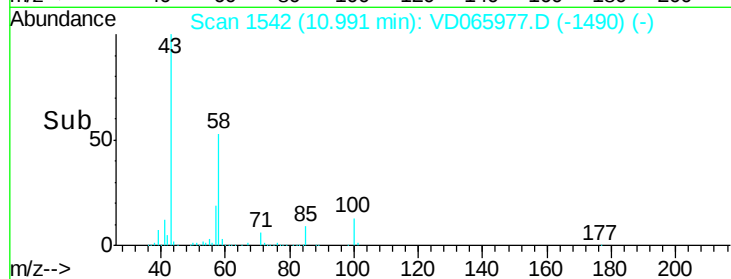
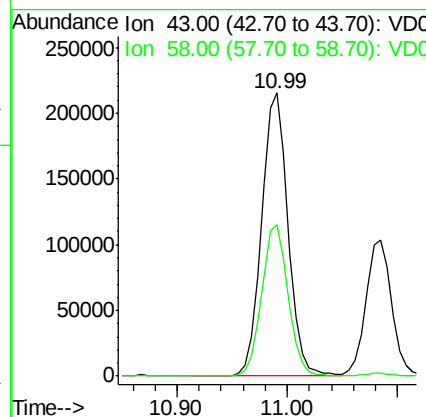
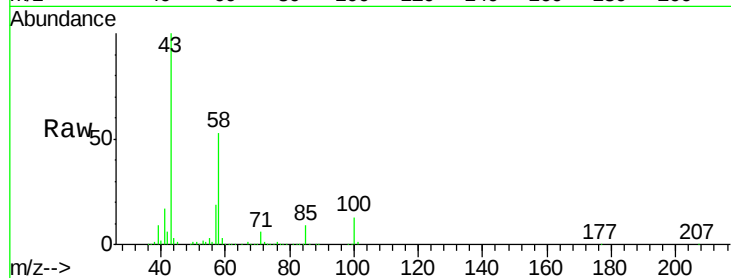




#59
2-Hexanone
Concen: 283.758 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

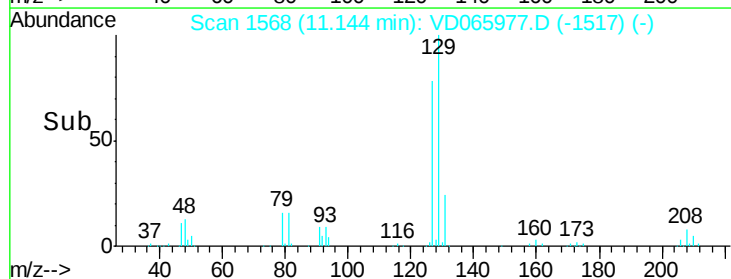
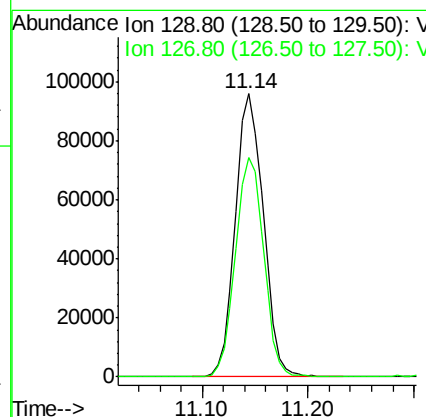
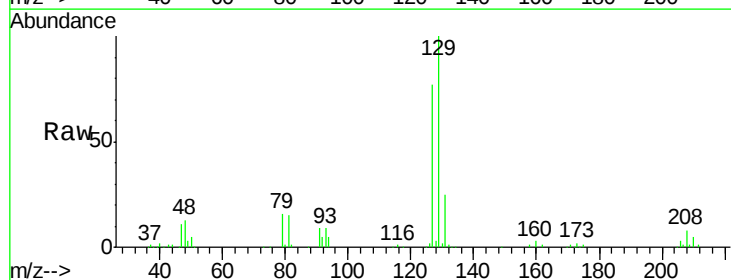
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

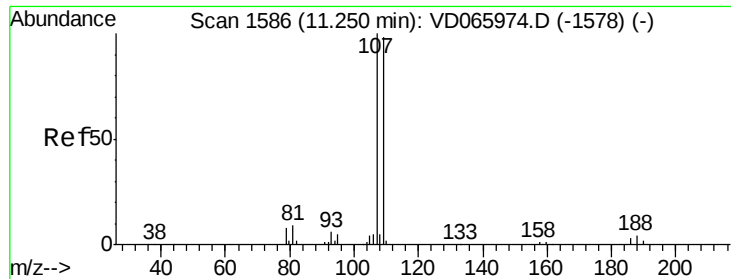
Tgt Ion: 43 Resp: 361295
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.6



#60
Dibromochloromethane
Concen: 51.597 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 129 Resp: 175942
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

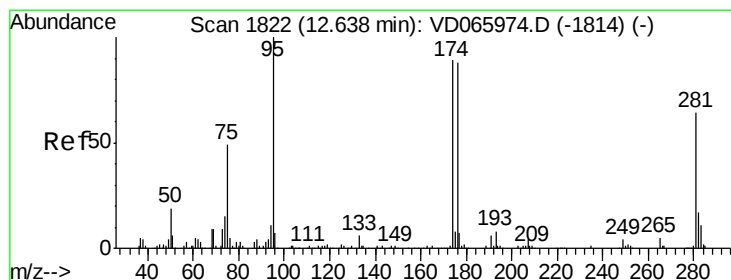
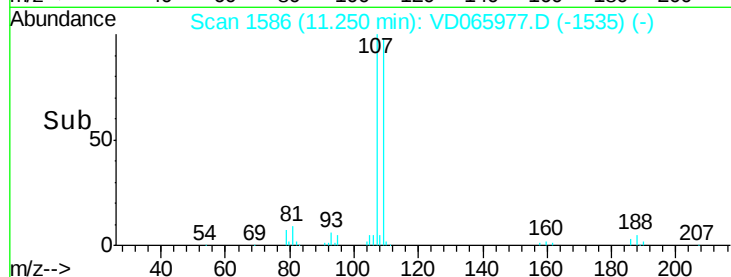
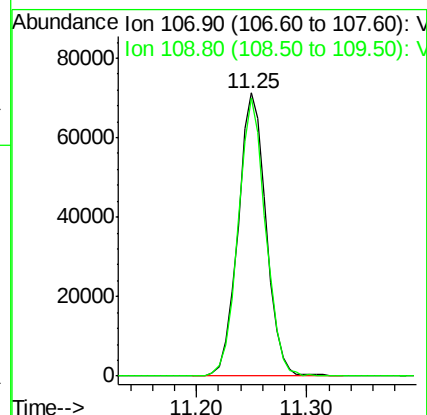
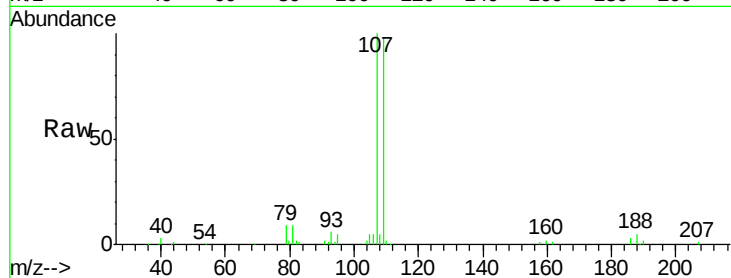




#61
 1,2-Dibromoethane
 Concen: 51.908 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

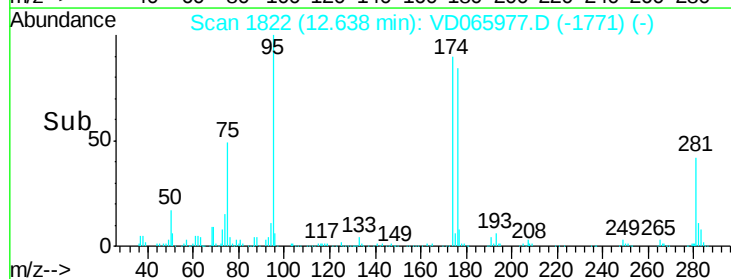
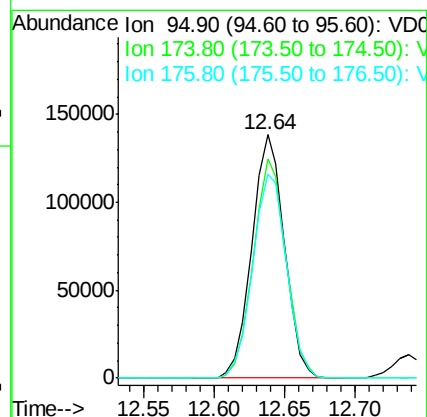
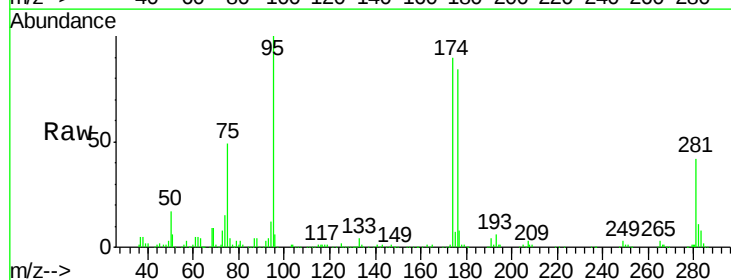
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

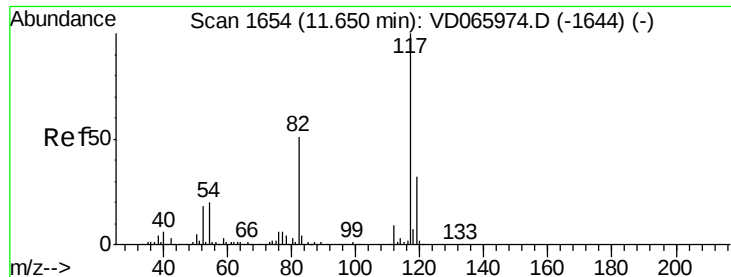
Tgt Ion: 107 Resp: 126575
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.978 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion: 95 Resp: 224289
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 178.8
 176 87.9 0.0 172.6

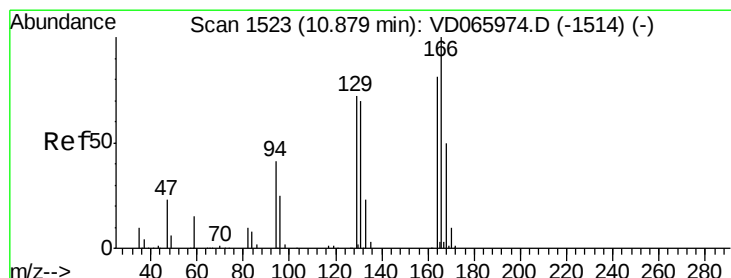
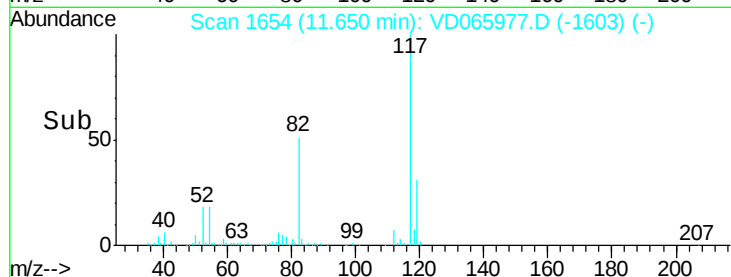
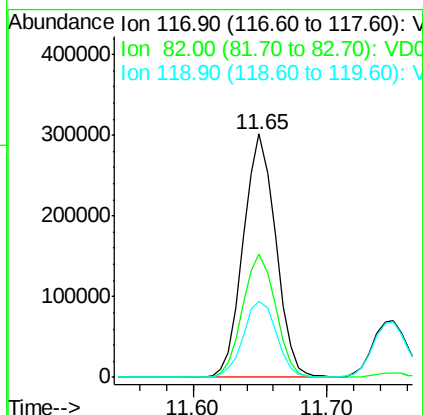
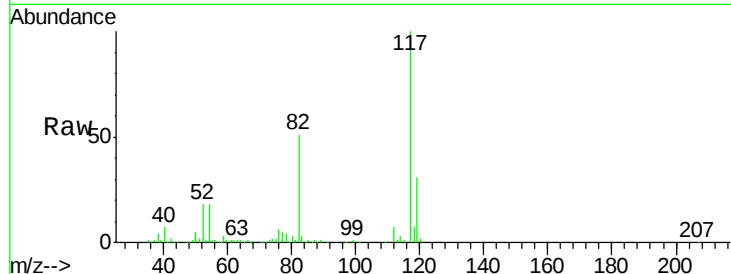




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

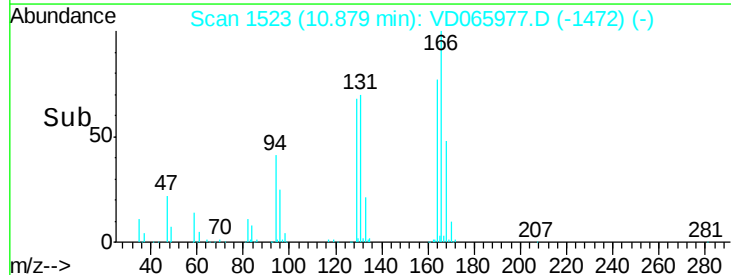
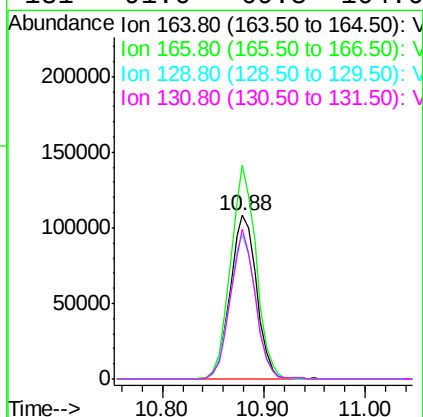
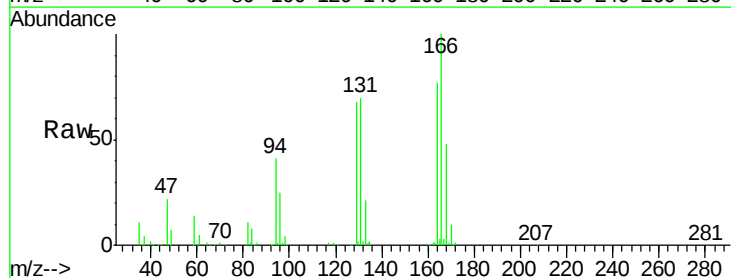
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

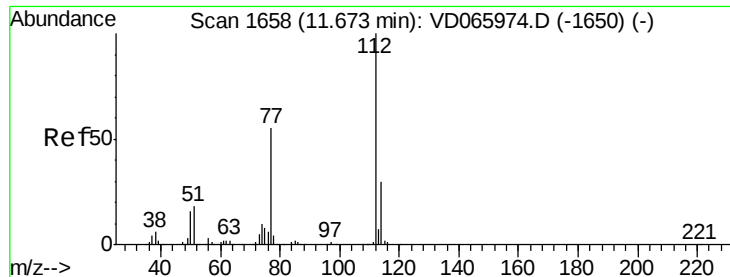
Tgt Ion:117 Resp: 506777
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 56.688 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion:164 Resp: 194987
Ion Ratio Lower Upper
164 100
166 130.6 99.1 148.7
129 88.5 71.5 107.3
131 91.6 69.8 104.6

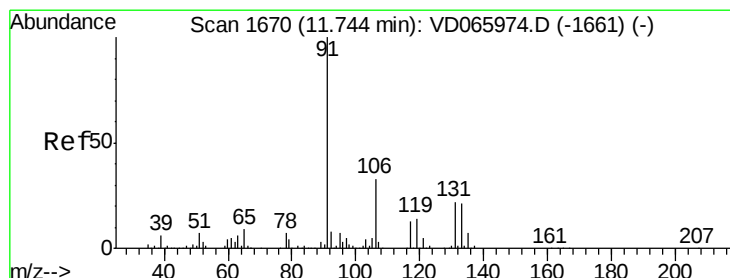
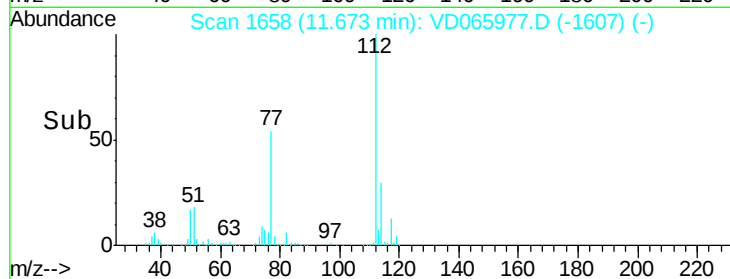
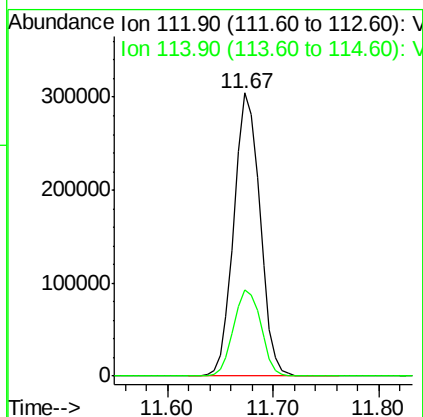
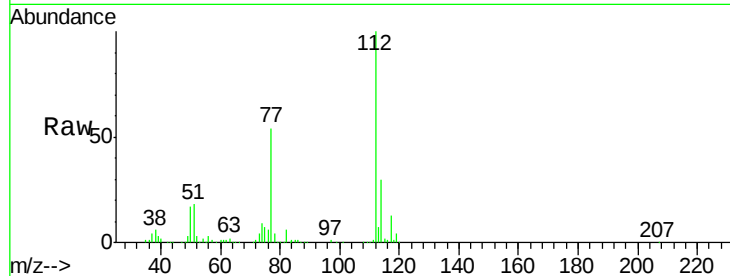




#65
Chlorobenzene
Concen: 55.995 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

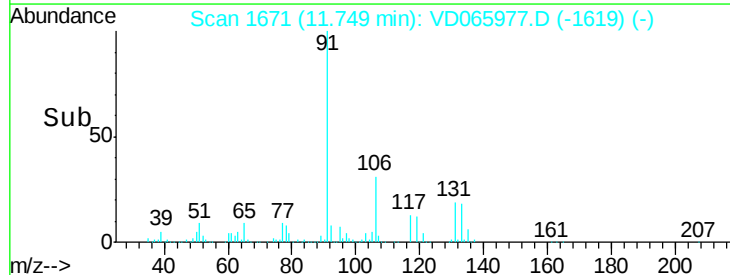
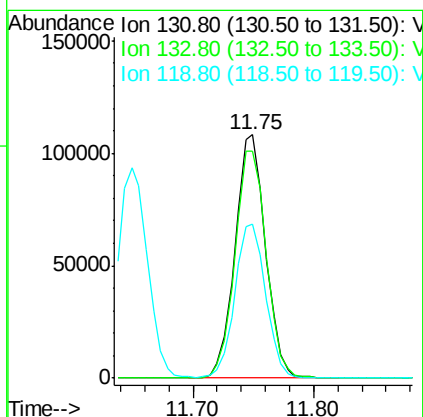
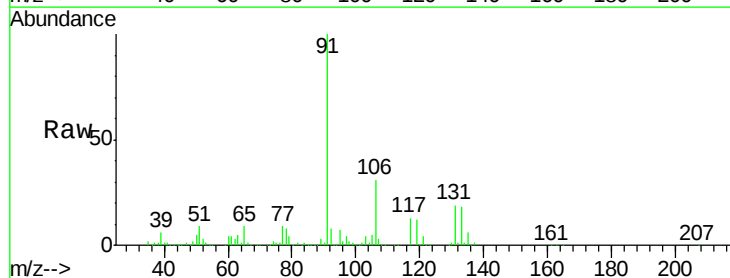
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

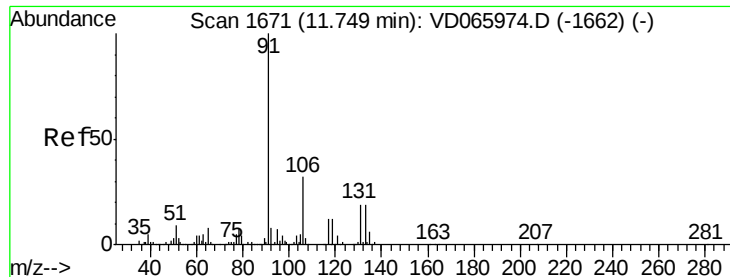
Tgt Ion:112 Resp: 519569
Ion Ratio Lower Upper
112 100
114 30.4 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.456 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion:131 Resp: 189998
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 64.4 31.7 95.1





#67

Ethyl Benzene

Concen: 57.976 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

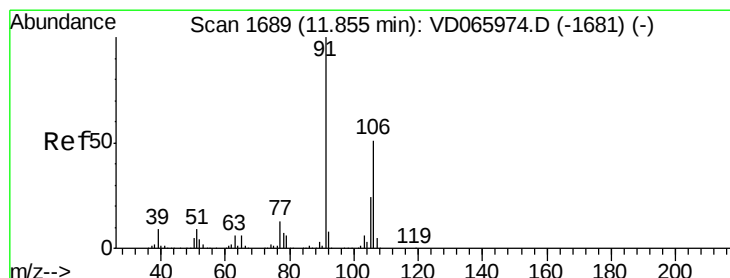
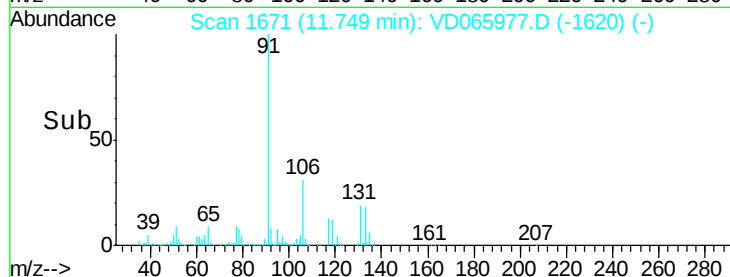
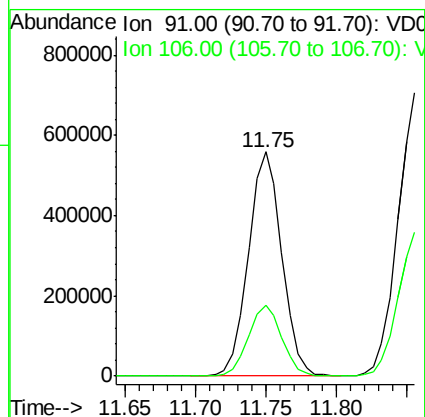
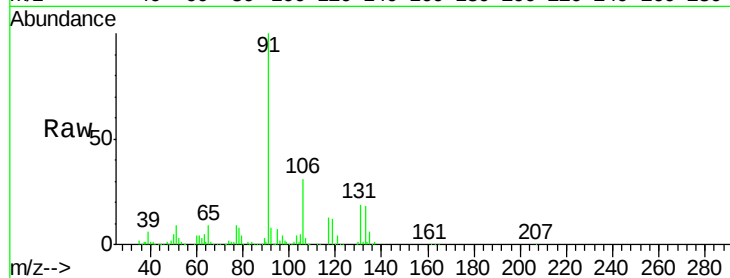
ICVVD072120

Tgt Ion: 91 Resp: 925760

Ion Ratio Lower Upper

91 100

106 31.5 25.7 38.5



#68

m/p-Xylenes

Concen: 115.655 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065977.D

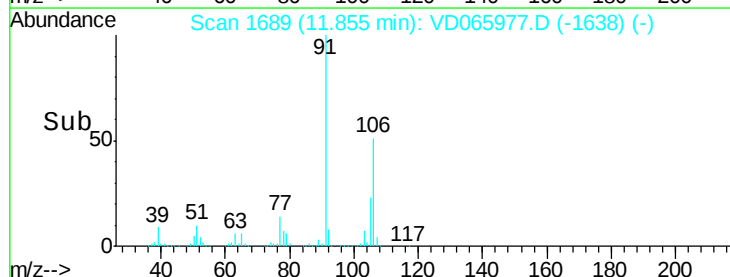
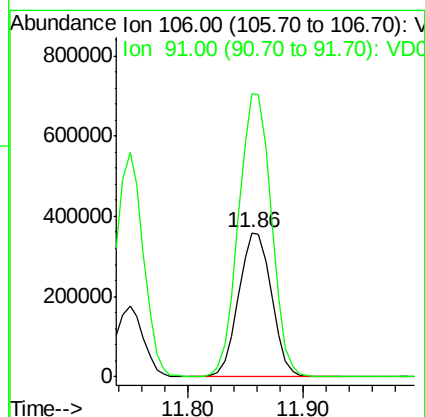
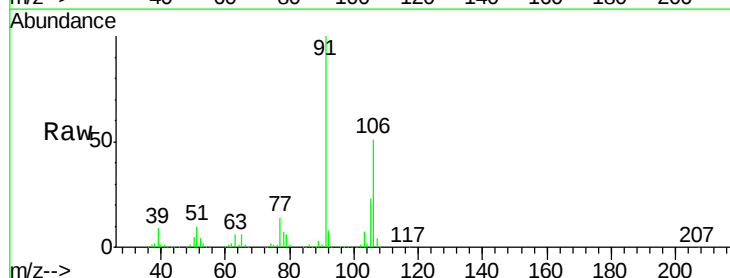
Acq: 21 Jul 2020 13:45

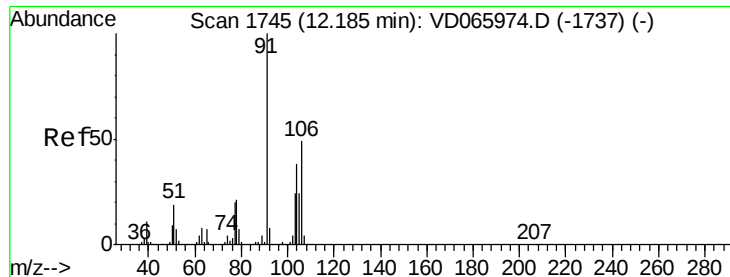
Tgt Ion: 106 Resp: 709828

Ion Ratio Lower Upper

106 100

91 196.5 157.0 235.6

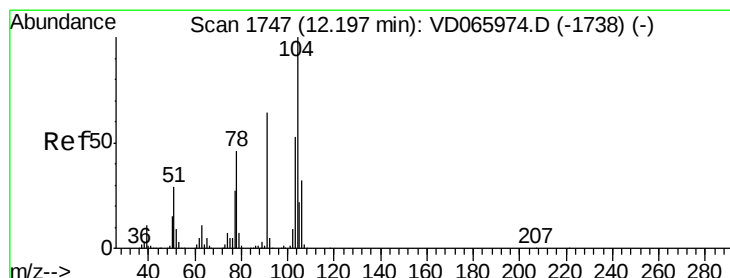
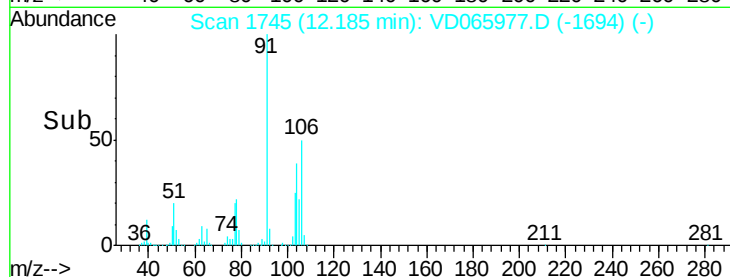
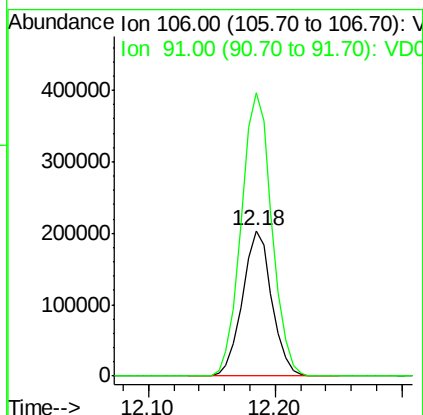
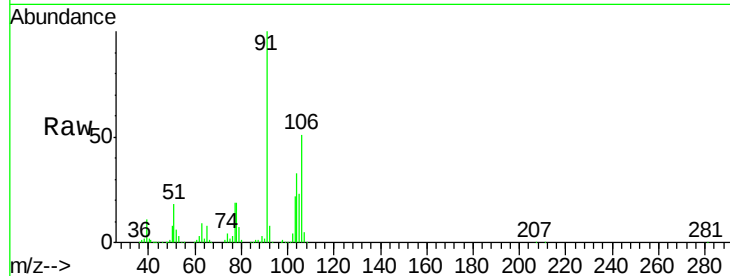




#69
o-Xylene
Concen: 58.589 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

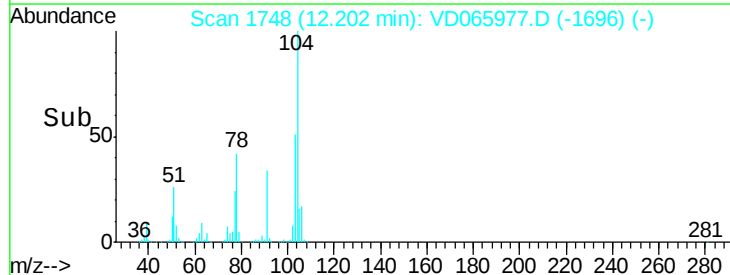
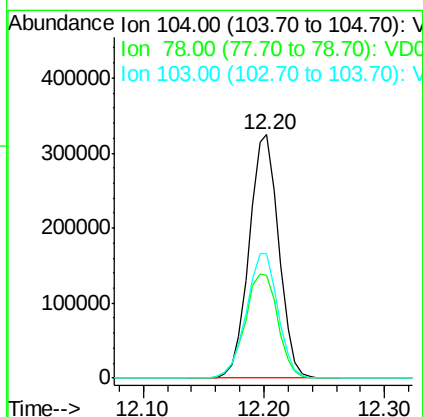
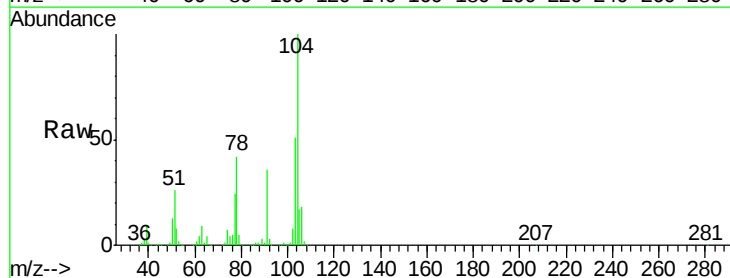
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

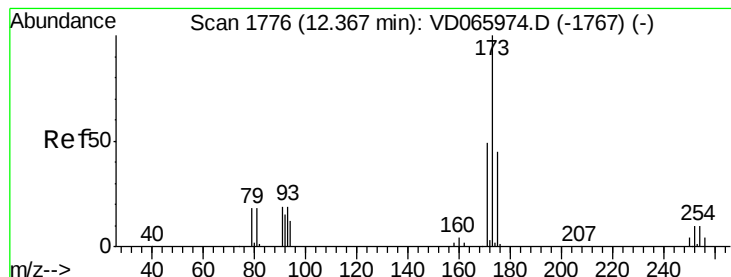
Tgt Ion:106 Resp: 327059
Ion Ratio Lower Upper
106 100
91 202.5 103.1 309.3



#70
Styrene
Concen: 58.070 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion:104 Resp: 556959
Ion Ratio Lower Upper
104 100
78 47.4 38.3 57.5
103 54.7 43.8 65.8





#71

Bromoform

Concen: 53.494 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

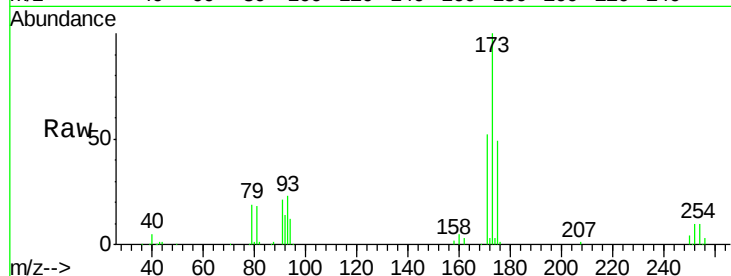
Tgt Ion:173 Resp: 107357

Ion Ratio Lower Upper

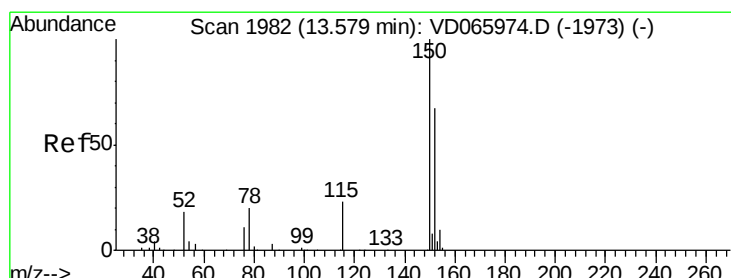
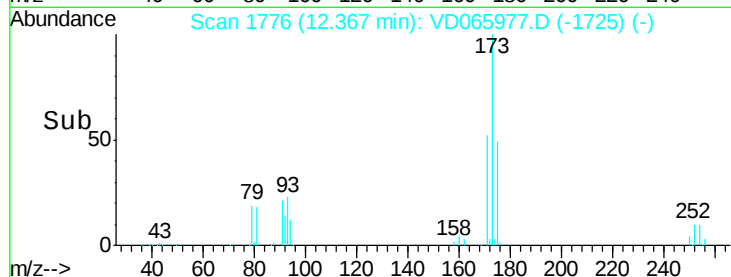
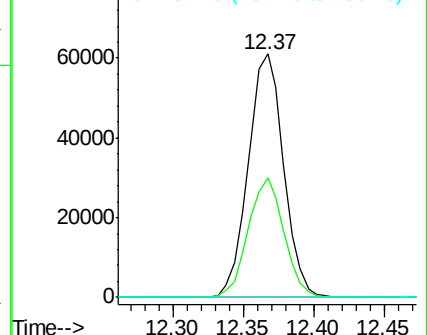
173 100

175 49.2 24.1 72.3

254 0.2 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. 0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

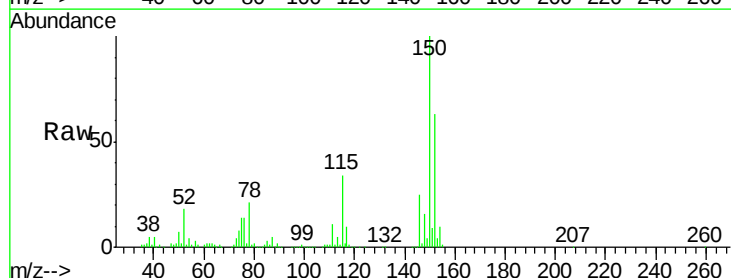
Tgt Ion:152 Resp: 256278

Ion Ratio Lower Upper

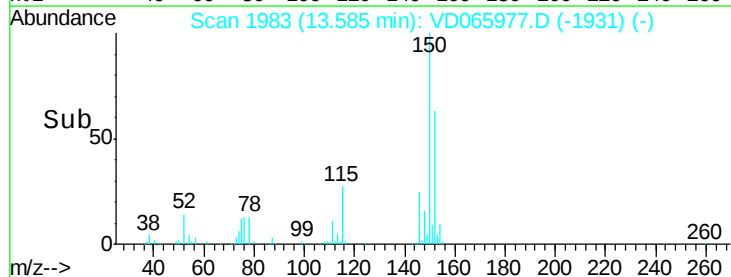
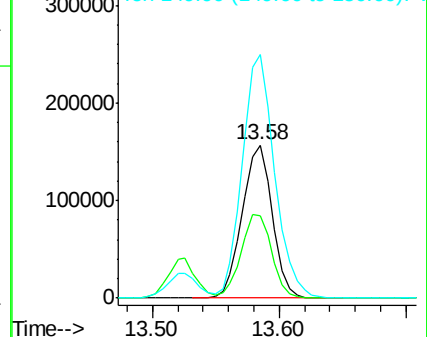
152 100

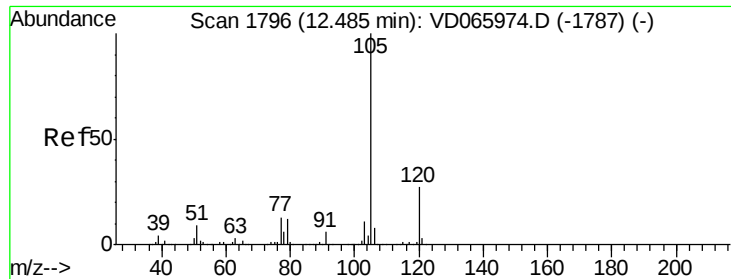
115 55.5 27.9 83.7

150 171.9 0.0 348.2



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: 58.141 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

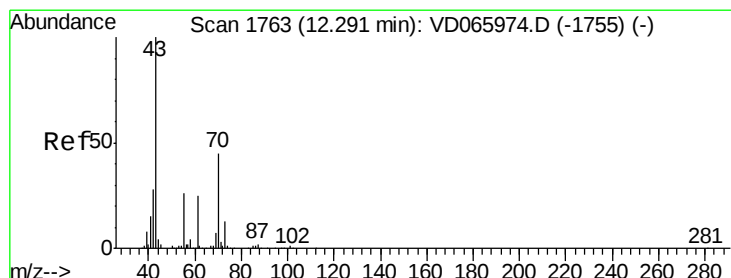
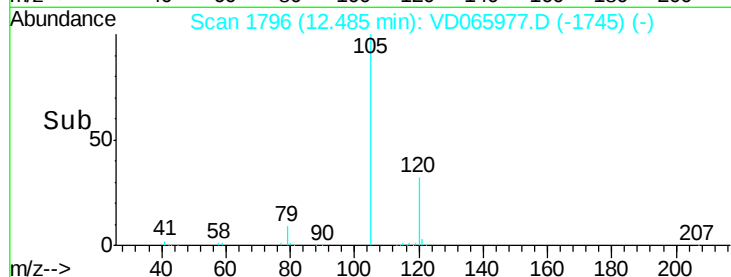
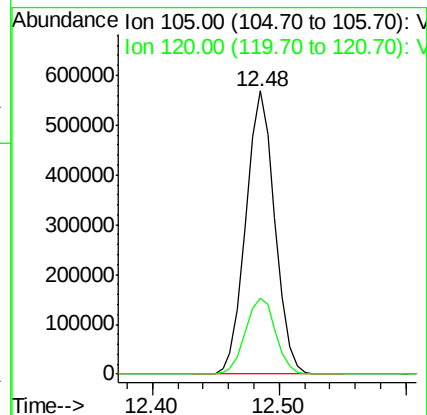
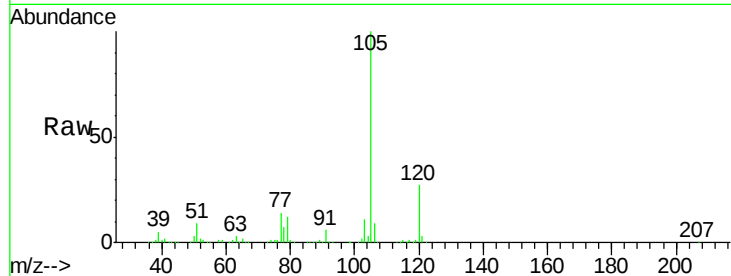
ICVVD072120

Tgt Ion:105 Resp: 901608

Ion Ratio Lower Upper

105 100

120 27.9 13.6 40.8



#74

N-ethyl acetate

Concen: 56.260 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Tgt Ion: 43 Resp: 180894

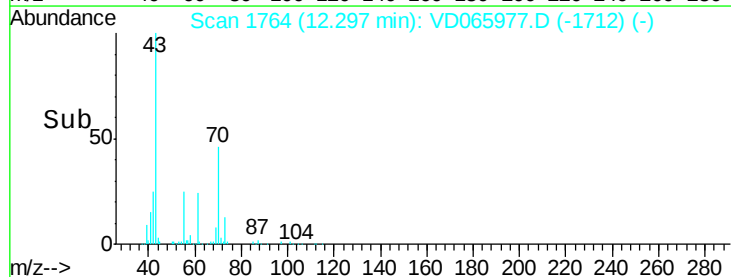
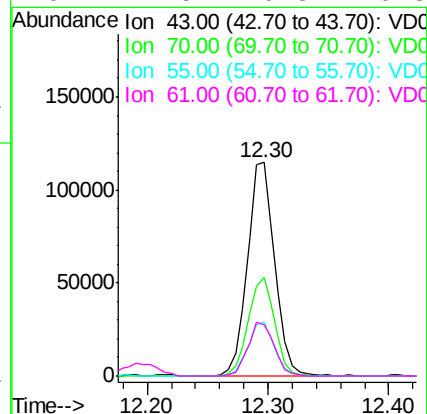
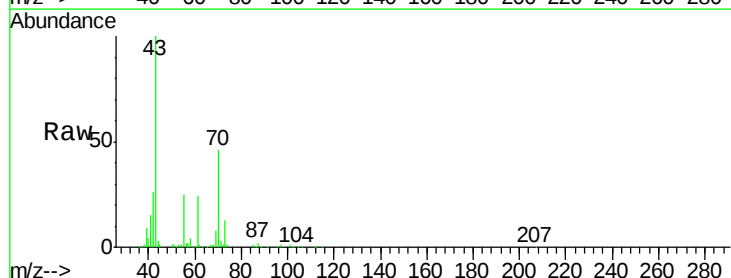
Ion Ratio Lower Upper

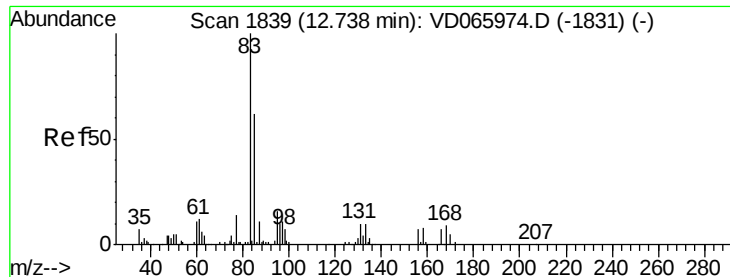
43 100

70 44.8 34.6 51.8

55 24.6 20.3 30.5

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.951 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

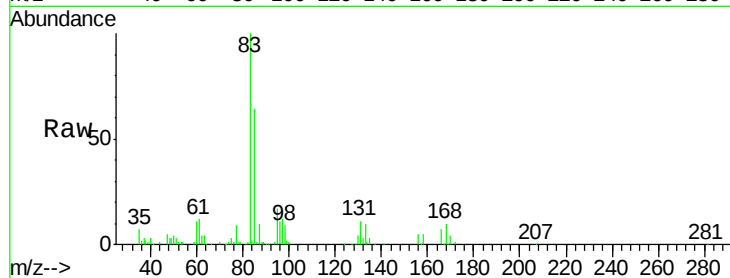
Tgt Ion: 83 Resp: 135703

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

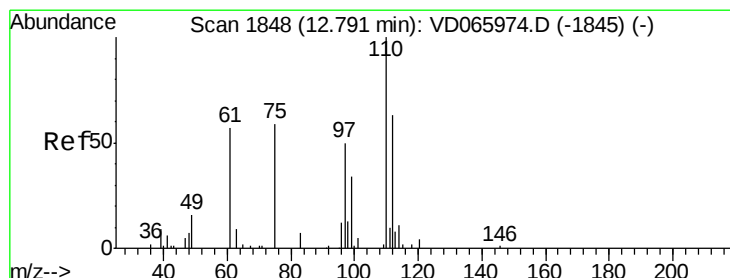
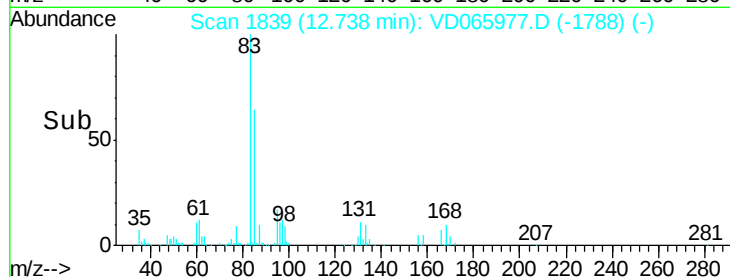
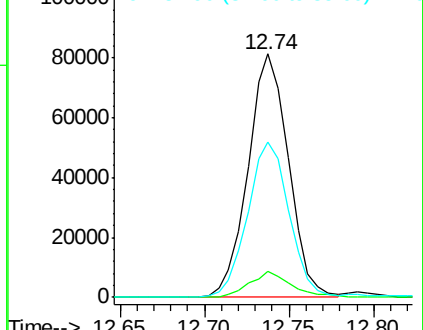
85 65.3 31.9 95.5



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: 94.697 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065977.D

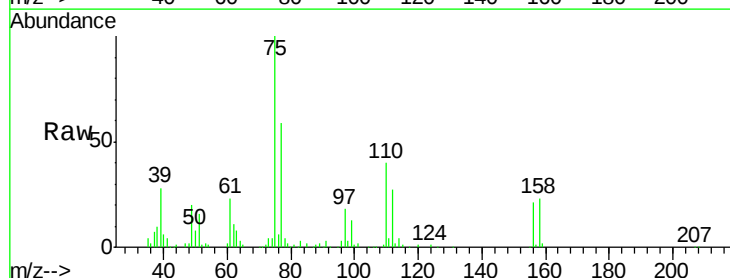
Acq: 21 Jul 2020 13:45

Tgt Ion: 75 Resp: 182732

Ion Ratio Lower Upper

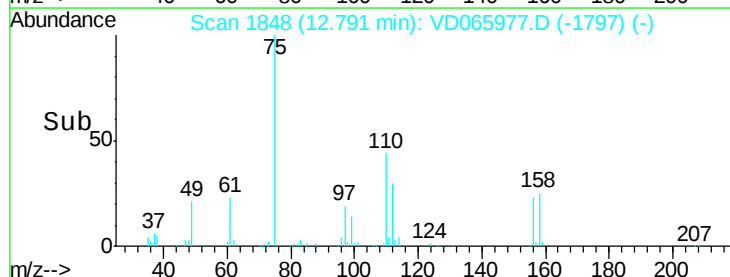
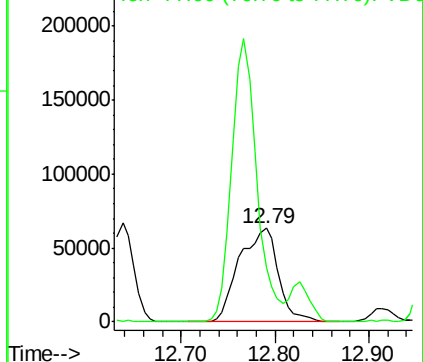
75 100

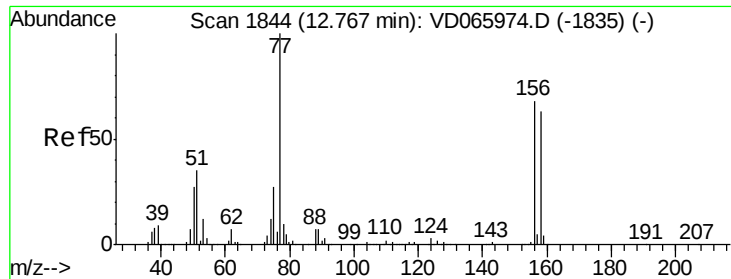
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.967 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

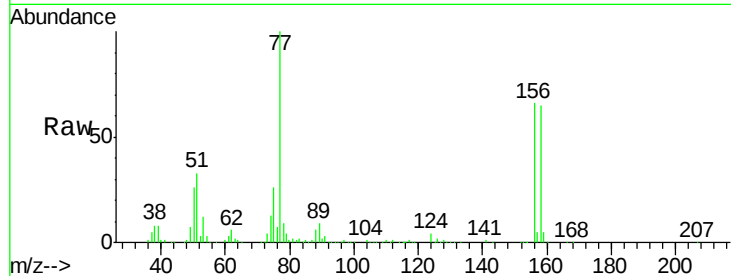
Tgt Ion:156 Resp: 217840

Ion Ratio Lower Upper

156 100

77 163.9 83.0 249.0

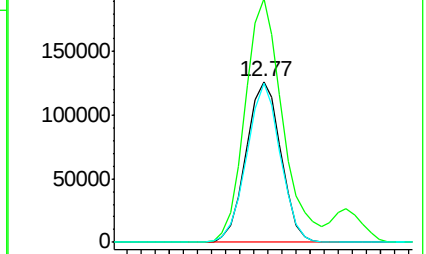
158 96.1 48.2 144.6



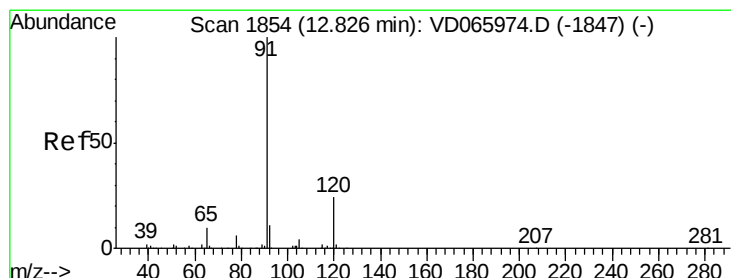
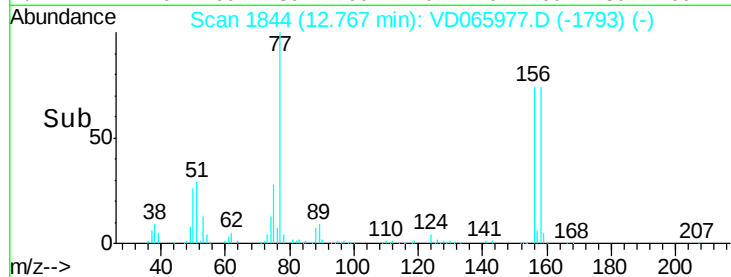
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 58.852 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065977.D

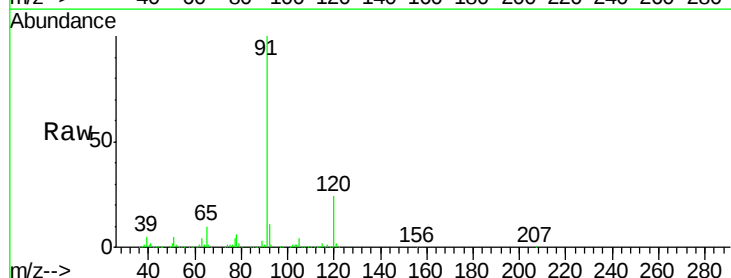
Acq: 21 Jul 2020 13:45

Tgt Ion: 91 Resp: 1059041

Ion Ratio Lower Upper

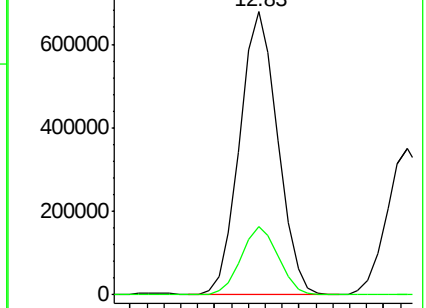
91 100

120 23.8 12.0 36.0

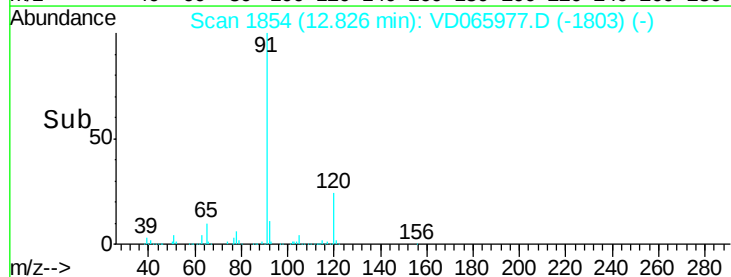


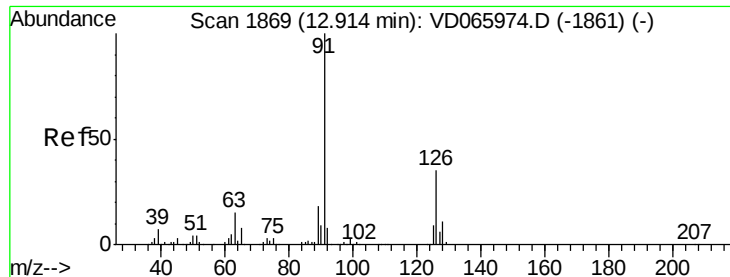
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 56.847 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

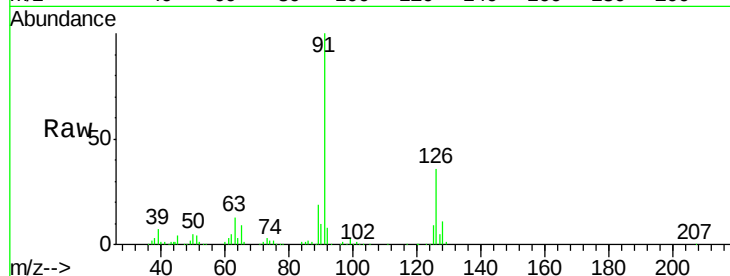
ICVVD072120

Tgt Ion: 91 Resp: 584415

Ion Ratio Lower Upper

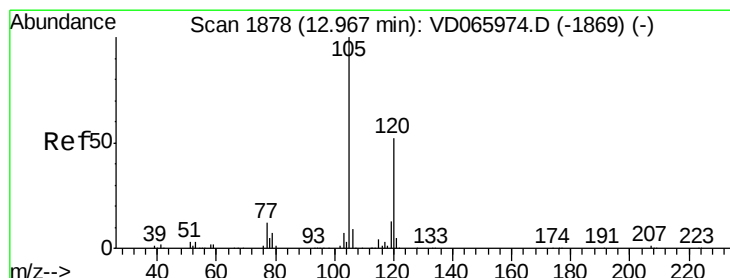
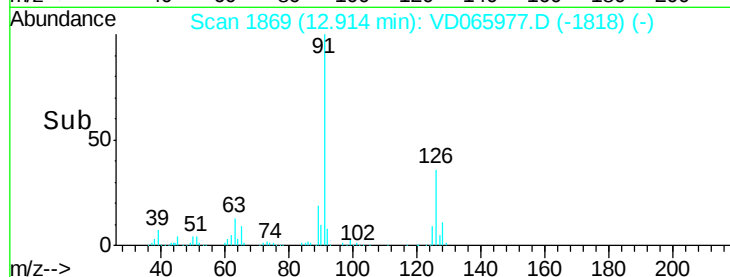
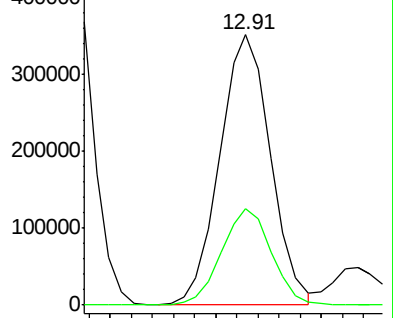
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD065977.D (-1869) (-)

Ion 125.90 (125.60 to 126.60): VD065977.D (-1869) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.417 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065977.D

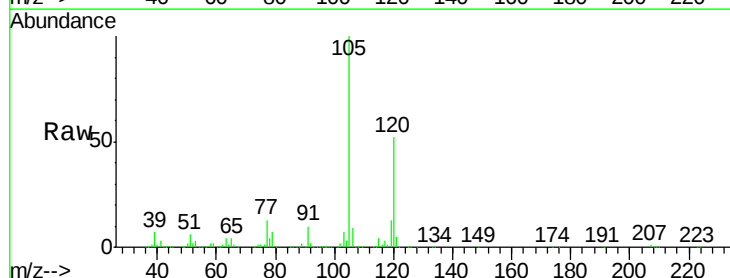
Acq: 21 Jul 2020 13:45

Tgt Ion: 105 Resp: 744266

Ion Ratio Lower Upper

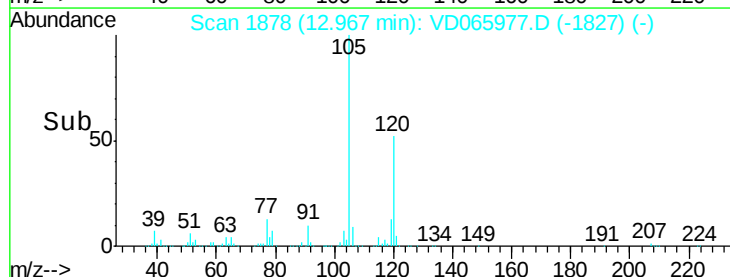
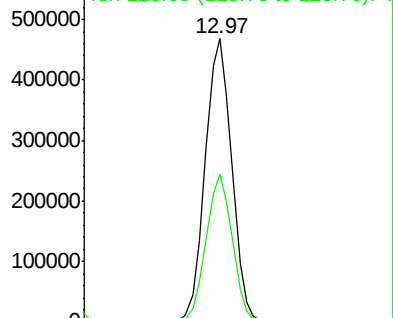
105 100

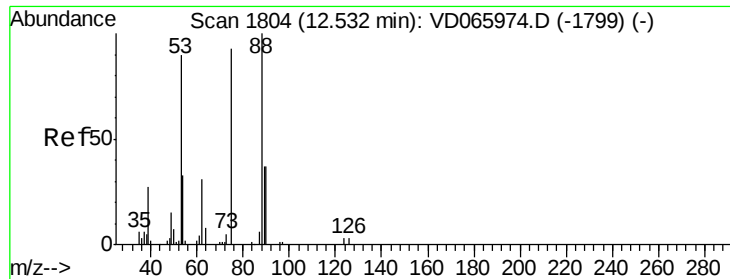
120 51.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065977.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065977.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.913 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

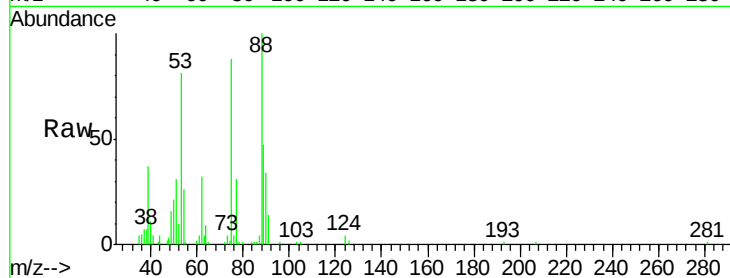
Tgt Ion: 75 Resp: 47019

Ion Ratio Lower Upper

75 100

53 91.5 76.8 115.2

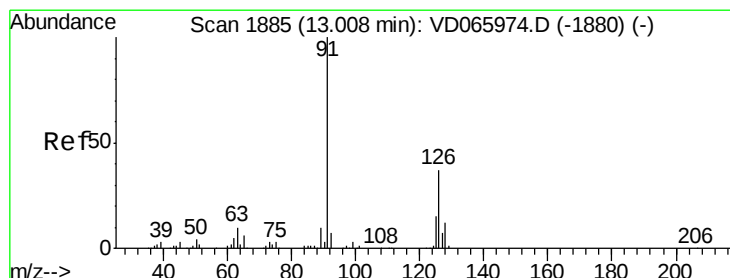
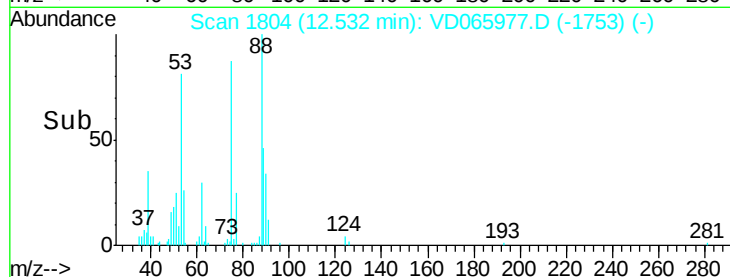
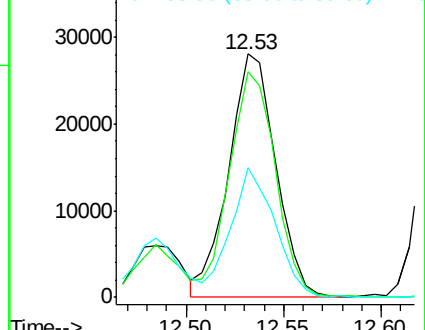
89 49.9 37.0 55.4



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: 56.926 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065977.D

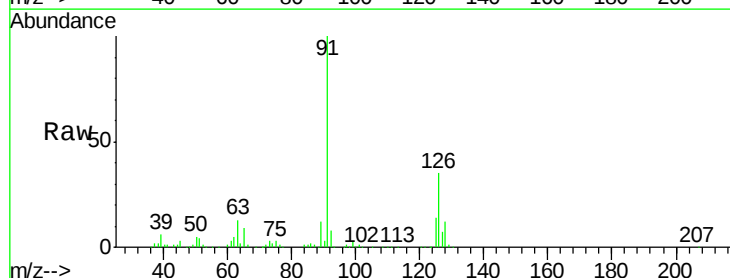
Acq: 21 Jul 2020 13:45

Tgt Ion: 91 Resp: 617718

Ion Ratio Lower Upper

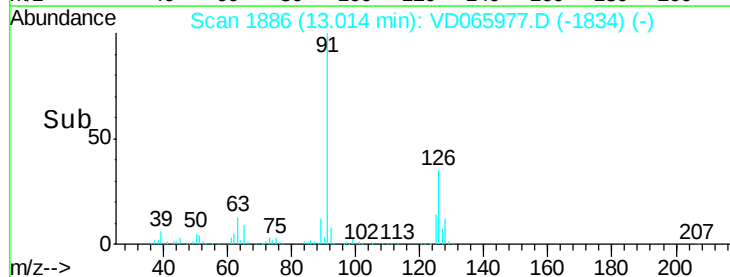
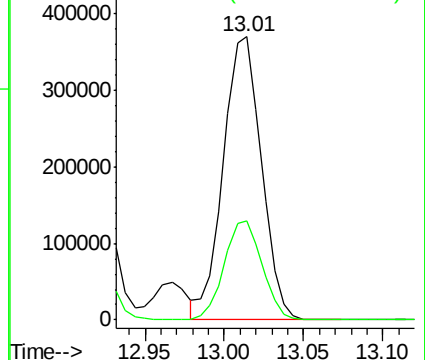
91 100

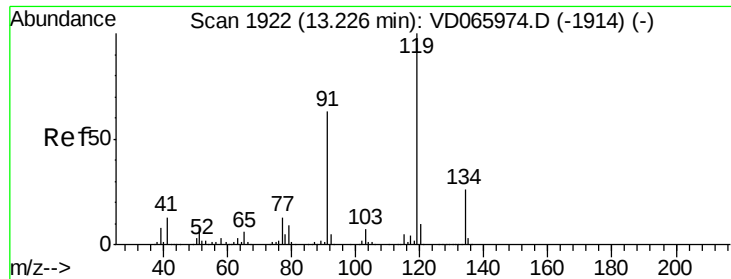
126 34.8 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

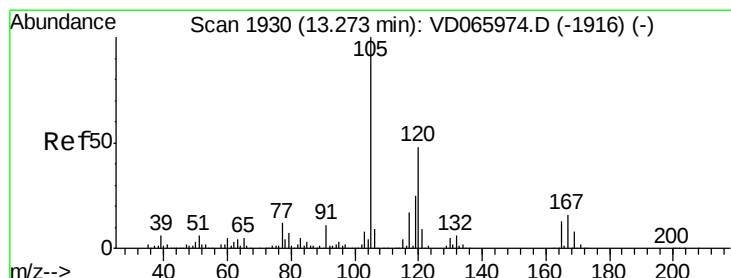
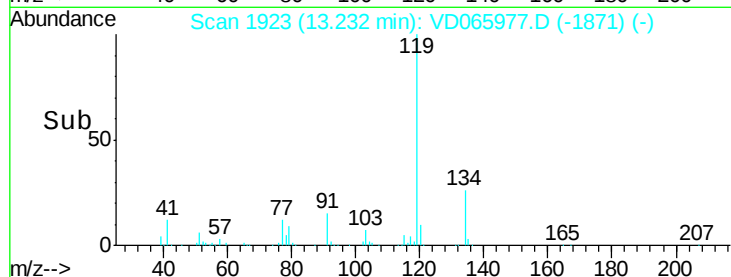
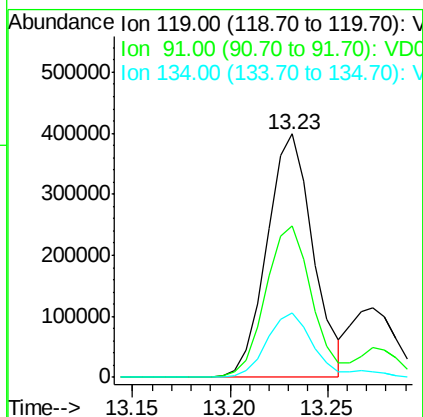
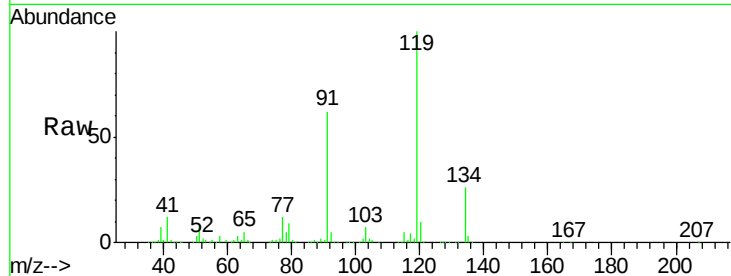




#83
 tert-Butylbenzene
 Concen: 58.485 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

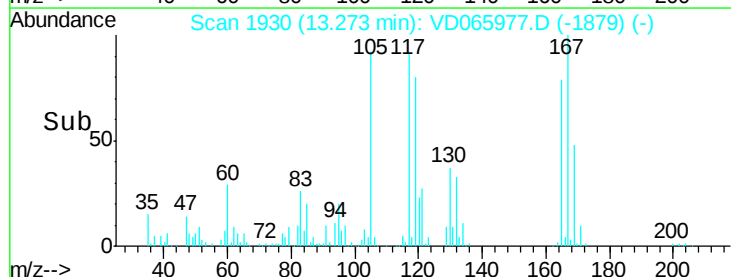
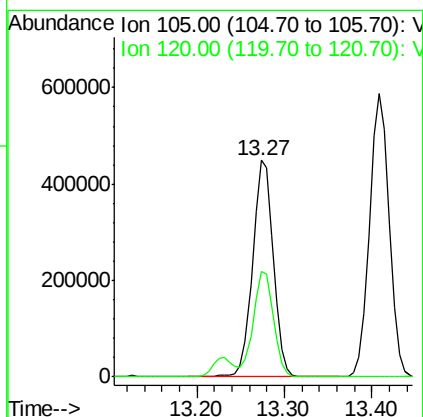
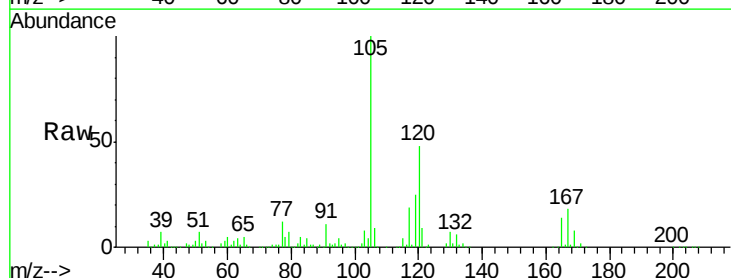
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

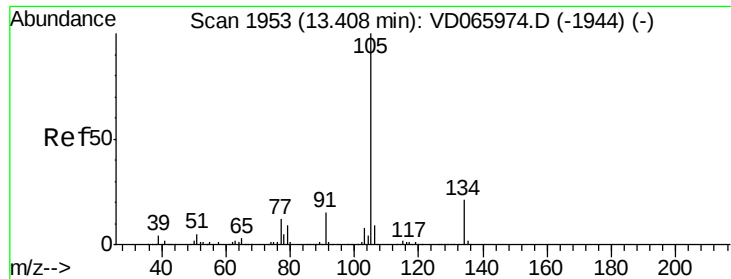
Tgt Ion:119 Resp: 652030
 Ion Ratio Lower Upper
 119 100
 91 63.2 30.6 91.6
 134 28.0 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 57.911 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion:105 Resp: 727912
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.8

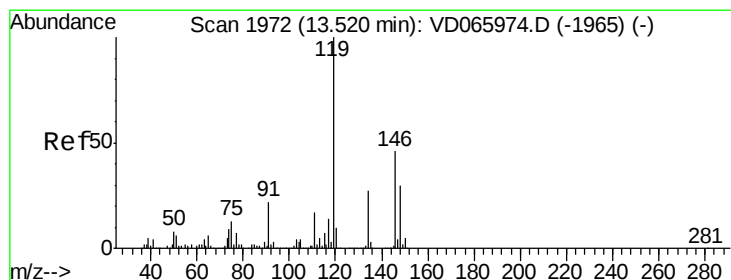
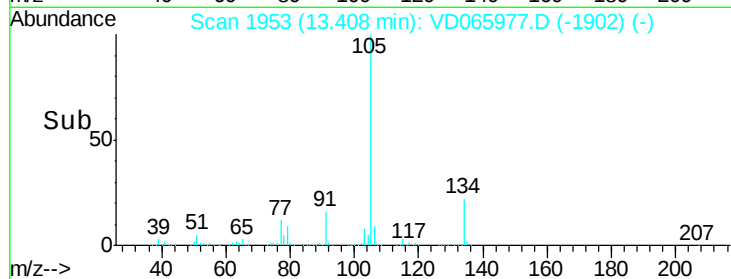
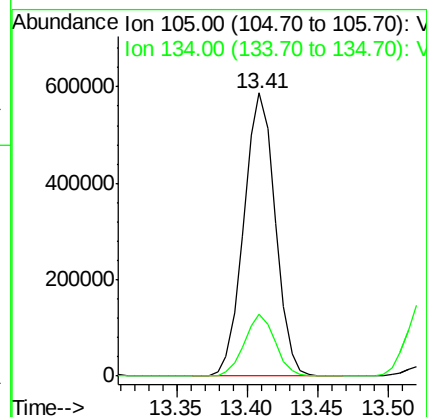
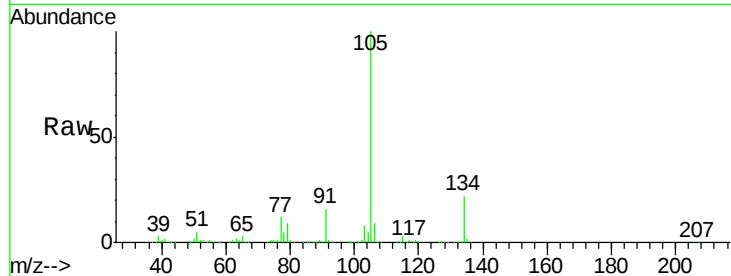




#85
 sec-Butylbenzene
 Concen: 59.622 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

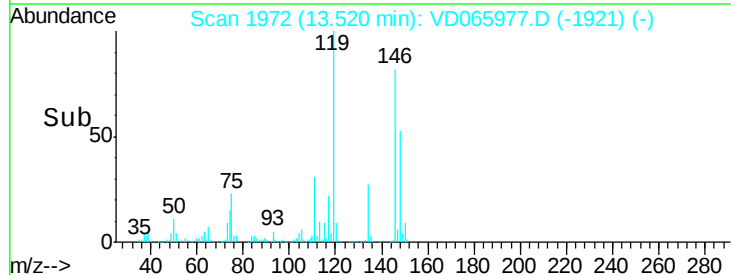
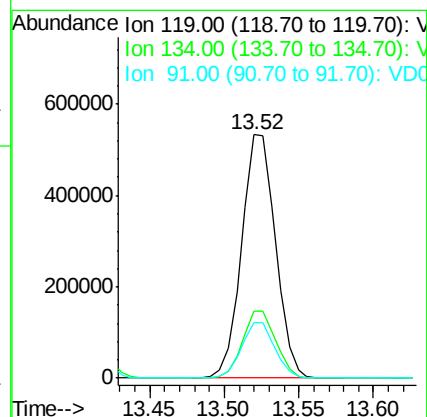
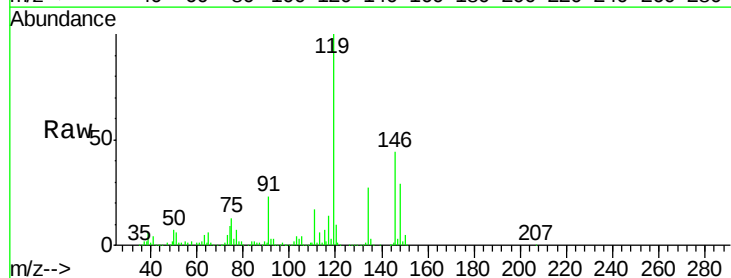
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

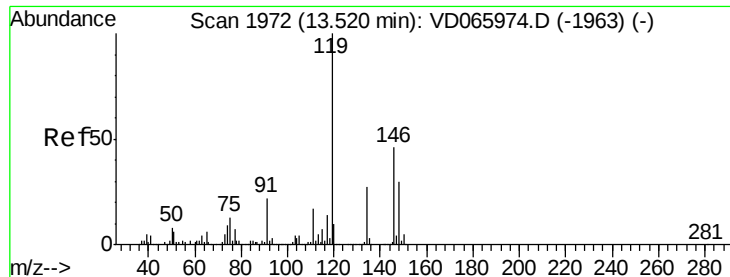
Tgt Ion:105 Resp: 915566
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 59.959 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion:119 Resp: 836491
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 22.4 11.1 33.3

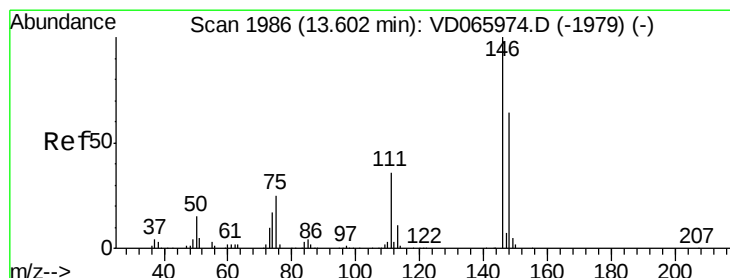
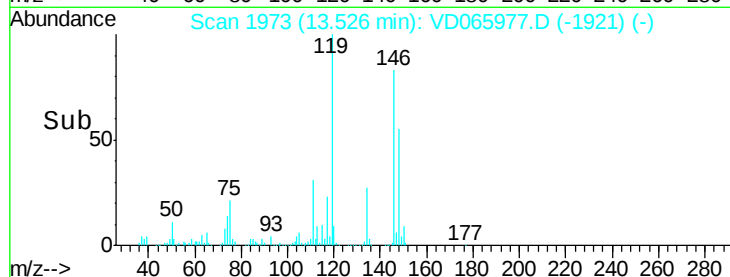
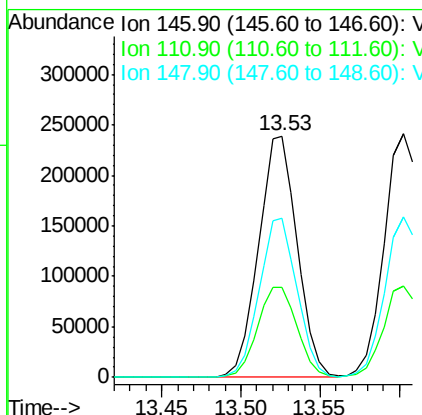
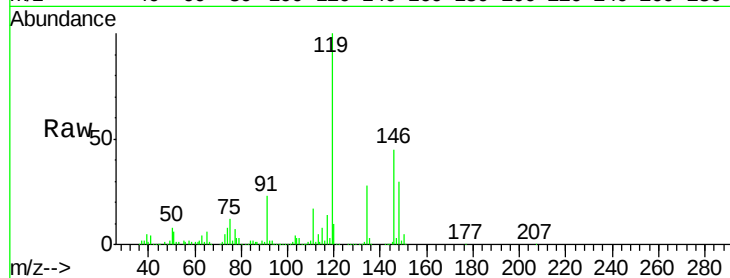




#87
 1,3-Dichlorobenzene
 Concen: 55.019 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

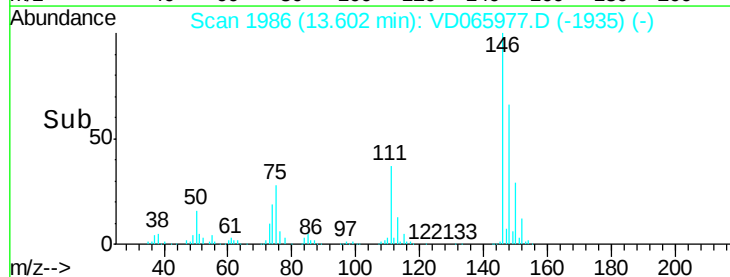
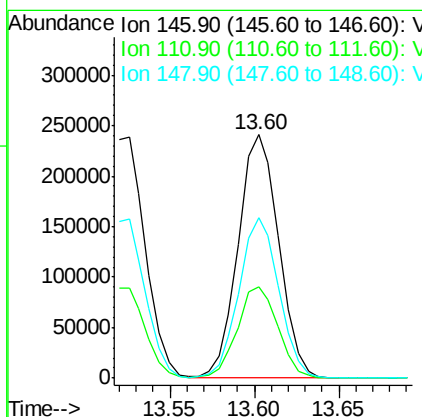
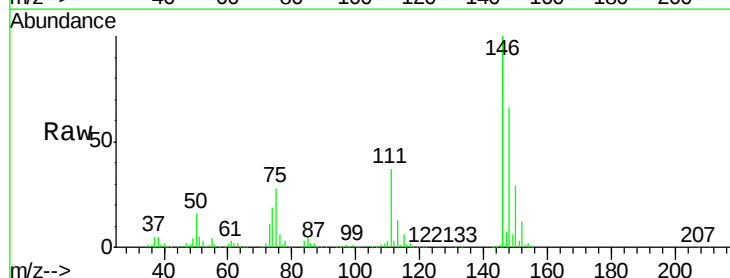
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

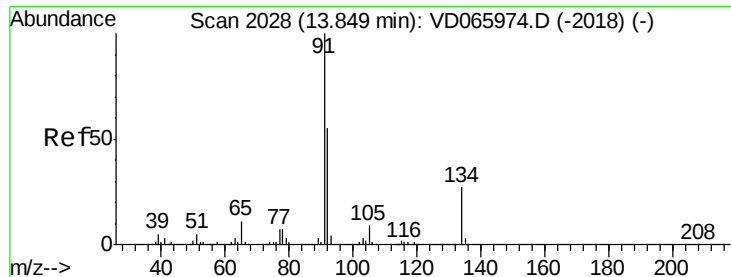
Tgt Ion:146 Resp: 404833
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.6
 148 64.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 54.073 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion:146 Resp: 402221
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.4
 148 64.9 32.2 96.6

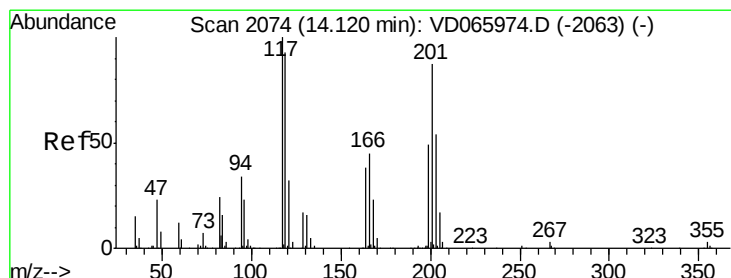
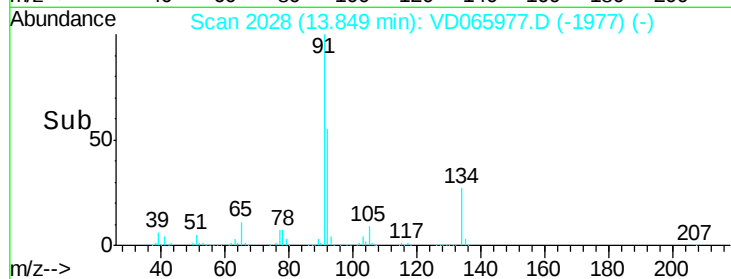
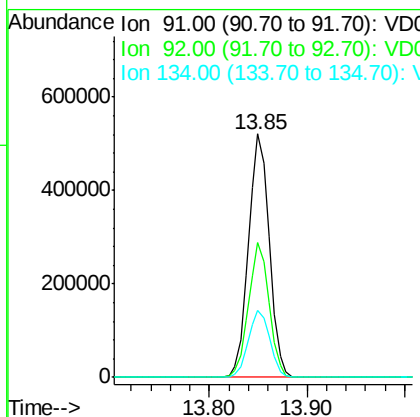
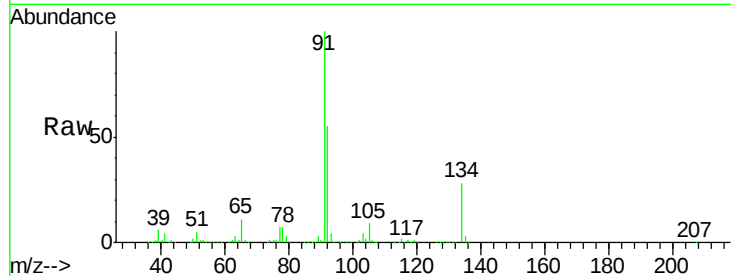




#89
n-Butylbenzene
Concen: 60.137 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

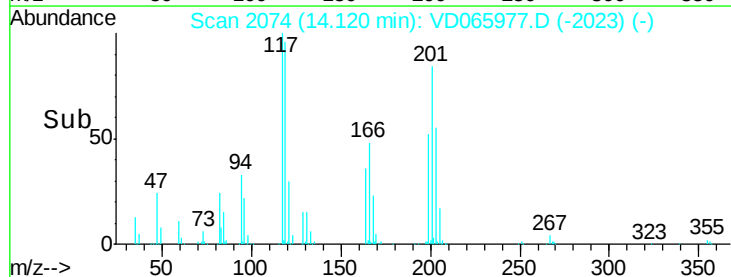
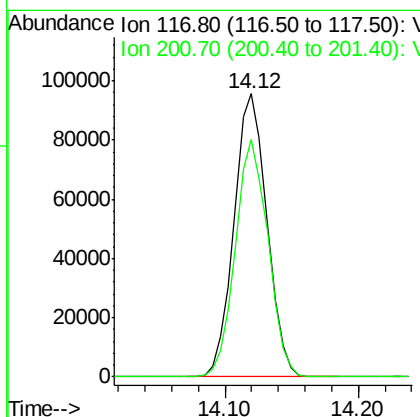
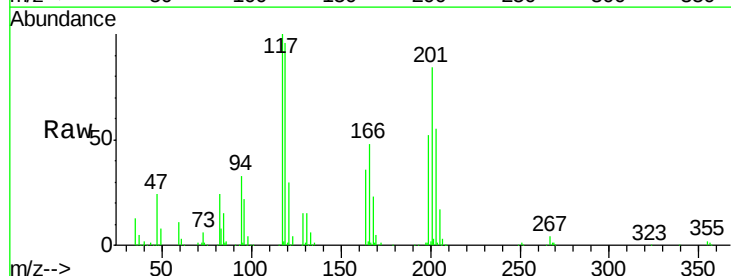
Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

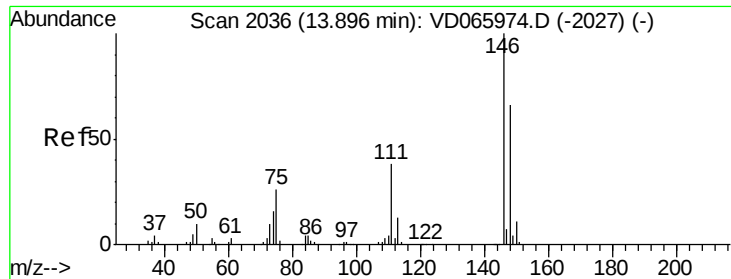
Tgt Ion: 91 Resp: 780107
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 28.3 13.8 41.4



#90
Hexachloroethane
Concen: 56.552 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion: 117 Resp: 163324
Ion Ratio Lower Upper
117 100
201 83.2 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 56.294 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

ICVVD072120

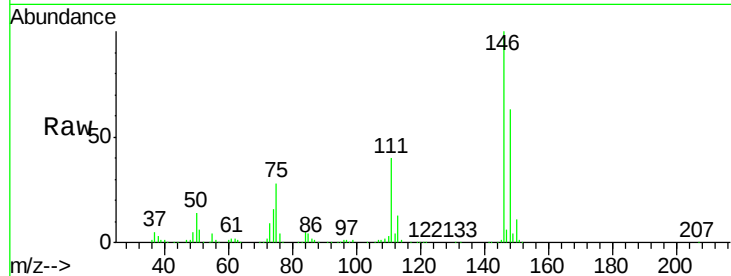
Tgt Ion:146 Resp: 358931

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

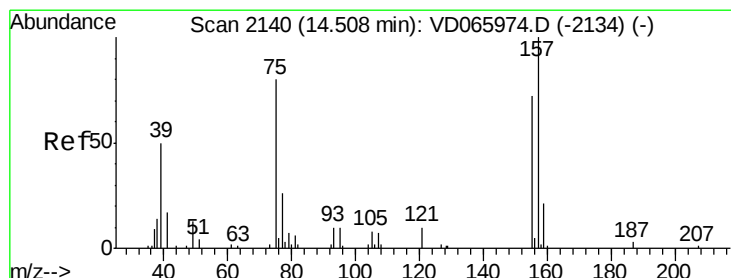
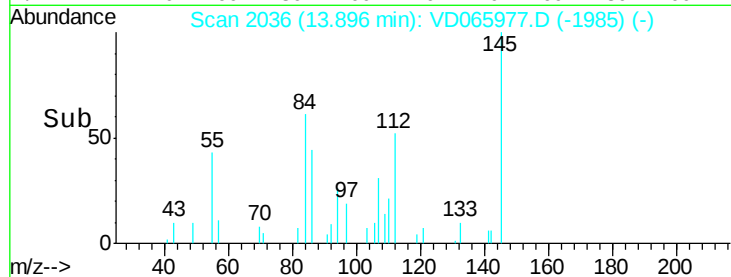
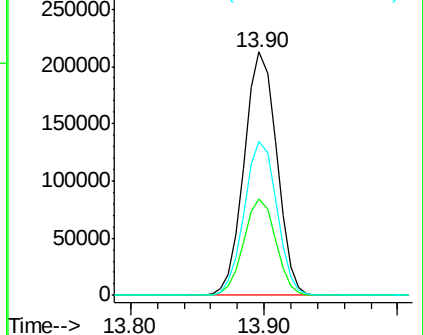
148 63.1 32.7 98.1



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: 53.107 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD065977.D

Acq: 21 Jul 2020 13:45

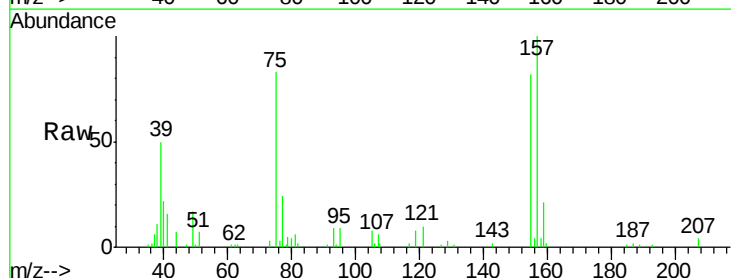
Tgt Ion: 75 Resp: 22306

Ion Ratio Lower Upper

75 100

155 96.0 48.5 145.5

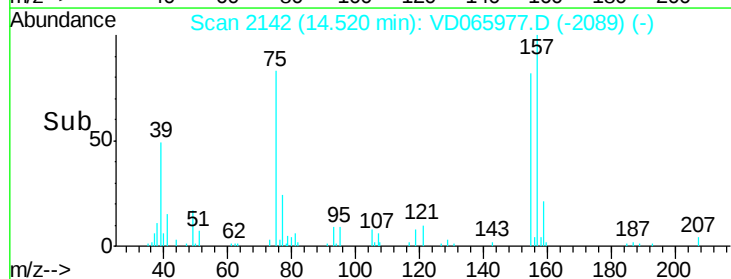
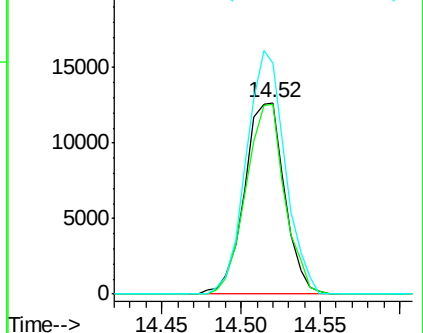
157 122.9 64.7 194.1

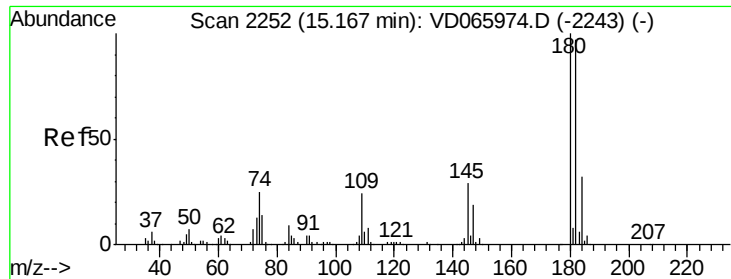


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

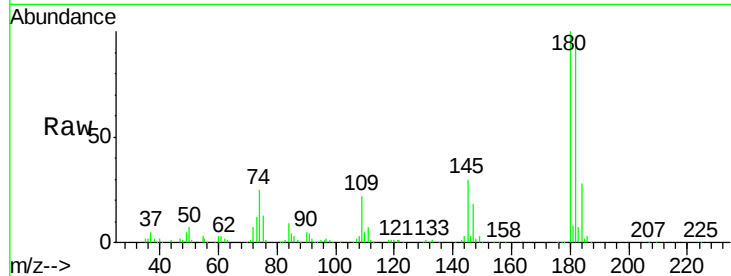




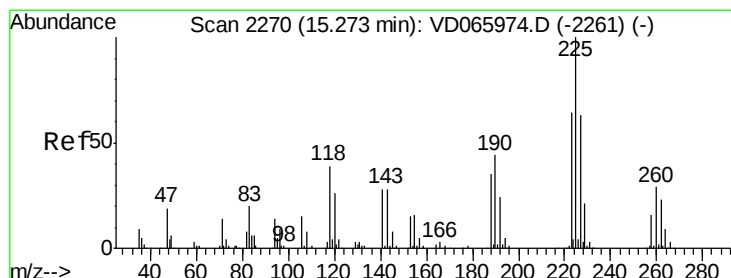
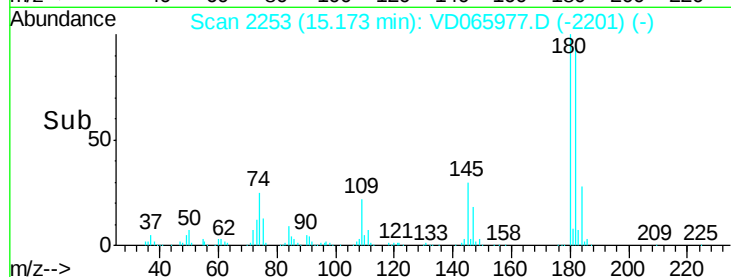
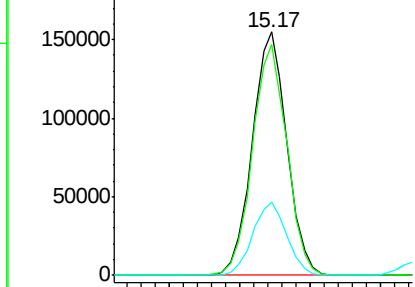
#93
 1,2,4-Trichlorobenzene
 Concen: 58.155 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072120

Tgt Ion:180 Resp: 266152
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.1 144.3
 145 29.7 14.7 44.1

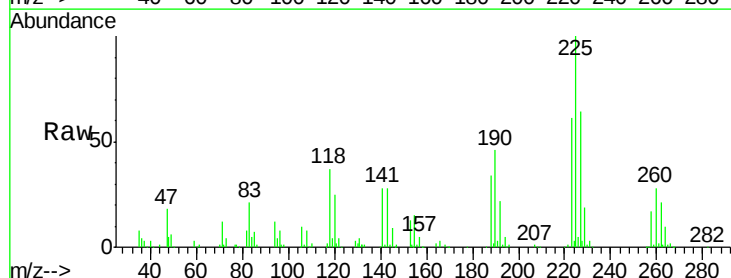


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

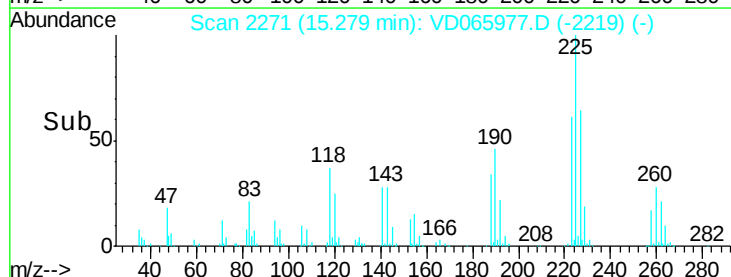
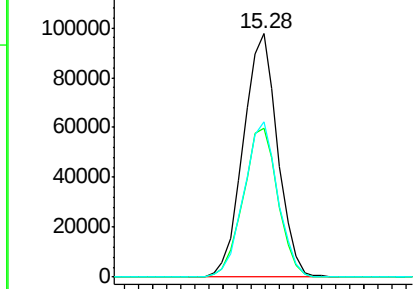


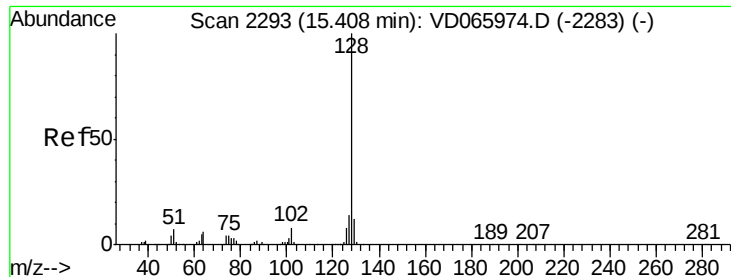
#94
 Hexachlorobutadiene
 Concen: 58.619 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD065977.D
 Acq: 21 Jul 2020 13:45

Tgt Ion:225 Resp: 165858
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.2 93.6
 227 62.9 31.6 94.8



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

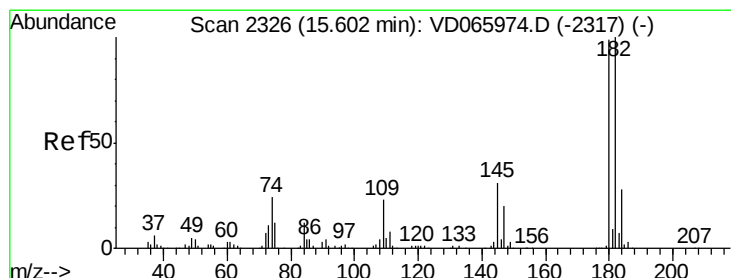
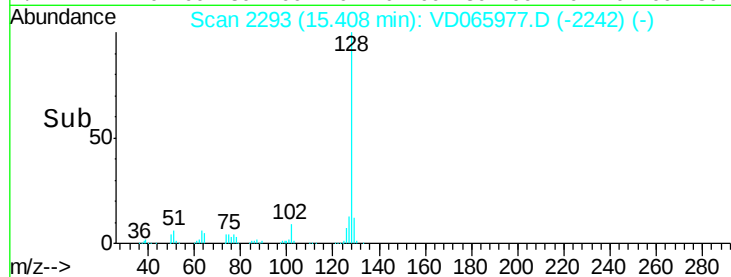
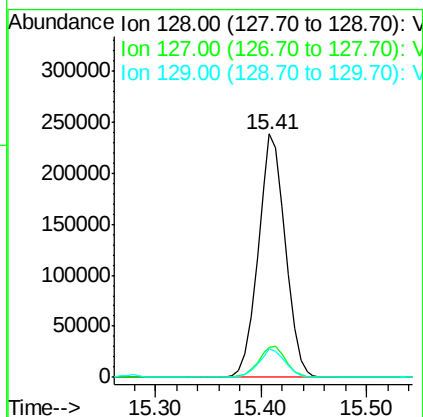
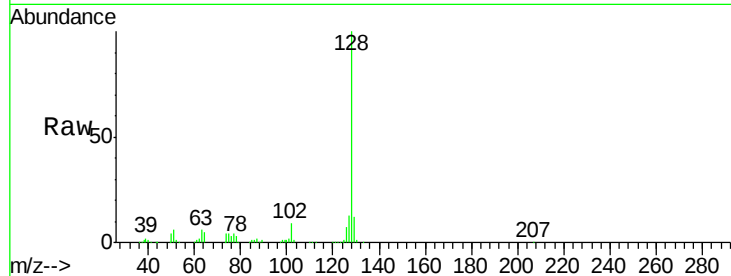




#95
Naphthalene
Concen: 52.027 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Instrument :
MSVOA_D
ClientSampleId :
ICVVD072120

Tgt Ion:128 Resp: 424692
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 57.244 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065977.D
Acq: 21 Jul 2020 13:45

Tgt Ion:180 Resp: 227756
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 30.3 15.4 46.2

