

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066120.D
 Acq On : 30 Jul 2020 19:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 02:14:41 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	227679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	341581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	328628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	179077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	109529	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.91	113	112550	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	408766	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.64	95	147788	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65729	38.041	ug/l	96
3) Chloromethane	2.21	50	62975	44.661	ug/l	97
4) Vinyl Chloride	2.35	62	62099	46.247	ug/l	93
5) Bromomethane	2.77	94	49951	53.218	ug/l	93
6) Chloroethane	2.92	64	41846	52.205	ug/l	98
7) Trichlorofluoromethane	3.27	101	155552	47.626	ug/l	93
8) Diethyl Ether	3.71	74	47867	53.022	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88459	44.855	ug/l	97
10) Methyl Iodide	4.30	142	98904	49.709	ug/l	94
11) Tert butyl alcohol	5.21	59	31402	271.787	ug/l	98
12) 1,1-Dichloroethene	4.06	96	85774	45.565	ug/l	92
13) Acrolein	3.92	56	31305	200.563	ug/l	98
14) Allyl chloride	4.71	41	139526	47.415	ug/l	90
15) Acrylonitrile	5.41	53	103715	268.909	ug/l	98
16) Acetone	4.16	43	81274	216.735	ug/l	97
17) Carbon Disulfide	4.40	76	245011	40.125	ug/l	100
18) Methyl Acetate	4.71	43	47455	54.399	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	230292	59.541	ug/l	98
20) Methylene Chloride	4.96	84	109051	52.757	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	106050	49.846	ug/l	97
22) Diisopropyl ether	6.36	45	289037	51.702	ug/l	93
23) Vinyl Acetate	6.30	43	868524	275.471	ug/l	96
24) 1,1-Dichloroethane	6.26	63	178662	52.744	ug/l	99
25) 2-Butanone	7.21	43	127033	255.299	ug/l	96
26) 2,2-Dichloropropane	7.21	77	155277	50.976	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	122925	54.569	ug/l	95
28) Bromochloromethane	7.54	49	77653	54.013	ug/l	90
29) Tetrahydrofuran	7.56	42	80867	263.400	ug/l	93
30) Chloroform	7.71	83	198104	55.910	ug/l	99
31) Cyclohexane	7.98	56	132055	39.627	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	178826	54.561	ug/l	99
36) 1,1-Dichloropropene	8.11	75	137818	47.275	ug/l	98
37) Ethyl Acetate	7.29	43	61307	55.066	ug/l	98
38) Carbon Tetrachloride	8.10	117	161118	50.936	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	157004	44.473	ug/l	97
40) Benzene	8.35	78	413251	50.670	ug/l	95
41) Methacrylonitrile	7.52	41	33532	52.576	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	128800	57.631	ug/l	99
43) Isopropyl Acetate	8.45	43	118852	54.658	ug/l	98
44) Trichloroethene	9.11	130	123362	49.984	ug/l	90
45) 1,2-Dichloropropane	9.39	63	101965	51.621	ug/l	99
46) Dibromomethane	9.47	93	59548	56.000	ug/l	96
47) Bromodichloromethane	9.66	83	155462	55.293	ug/l	93
48) Methyl methacrylate	9.46	41	57164	52.116	ug/l #	85
49) 1,4-Dioxane	9.46	88	13576	1101.994	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	300175	273.976	ug/l	98
52) Toluene	10.40	92	280072	52.658	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	147677	56.378	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	172607	54.361	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	84526	56.048	ug/l	94
56) Ethyl methacrylate	10.66	69	104887	59.819	ug/l	96
57) 1,3-Dichloropropane	10.95	76	136267	54.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	217737	259.952	ug/l	98
59) 2-Hexanone	10.98	43	207464	273.247	ug/l	97
60) Dibromochloromethane	11.14	129	119781	58.907	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84107	57.842	ug/l	99
64) Tetrachloroethene	10.88	164	110019	49.324	ug/l	98
65) Chlorobenzene	11.67	112	317813	52.819	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	129380	58.234	ug/l	98
67) Ethyl Benzene	11.74	91	539773	52.128	ug/l	99
68) m/p-Xylenes	11.86	106	418475	105.146	ug/l	97
69) o-Xylene	12.18	106	194669	53.778	ug/l	95
70) Styrene	12.20	104	350046	56.281	ug/l	99
71) Bromoform	12.36	173	74815	57.488	ug/l #	99
73) Isopropylbenzene	12.48	105	547598	50.535	ug/l	99
74) N-amyl acetate	12.29	43	114129	50.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	86122	48.092	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	119547	88.661	ug/l #	100
77) Bromobenzene	12.76	156	140310	50.667	ug/l	96
78) n-propylbenzene	12.83	91	626462	49.822	ug/l	100
79) 2-Chlorotoluene	12.91	91	359901	50.100	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	461274	51.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29836	50.775	ug/l	98
82) 4-Chlorotoluene	13.01	91	380727	50.212	ug/l	100
83) tert-Butylbenzene	13.23	119	397715	51.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	465302	52.977	ug/l	98
85) sec-Butylbenzene	13.41	105	537098	50.054	ug/l	99
86) p-Isopropyltoluene	13.52	119	508412	52.153	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	260792	50.723	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	263328	50.663	ug/l	99
89) n-Butylbenzene	13.85	91	451998	49.865	ug/l	98
90) Hexachloroethane	14.12	117	99207	49.160	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	234486	52.631	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16430	55.981	ug/l	95

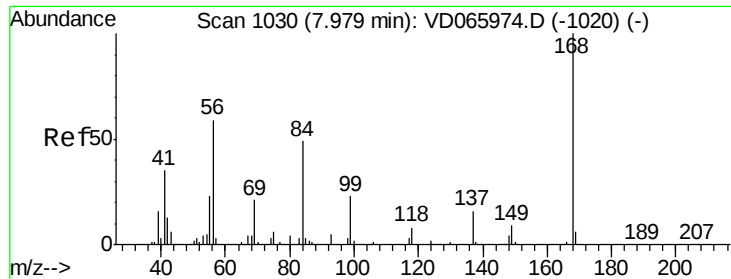
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	172791	54.031	ug/l	98
94) Hexachlorobutadiene	15.28	225	103527	52.363	ug/l	99
95) Naphthalene	15.41	128	297604	52.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	150961	54.300	ug/l	98

(#) = 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: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

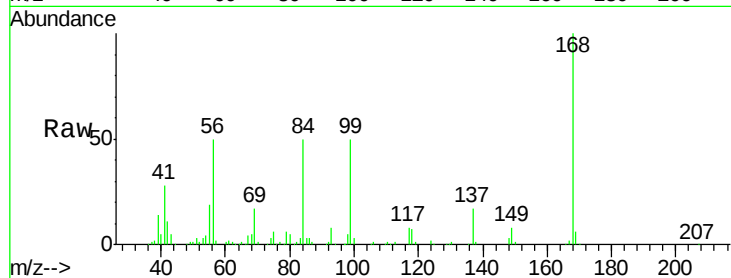
VSTDCCC050EC

Tot Ion:168 Resp: 227679

Ion Ratio Lower Upper

168 100

99 49.8 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

120000

100000

80000

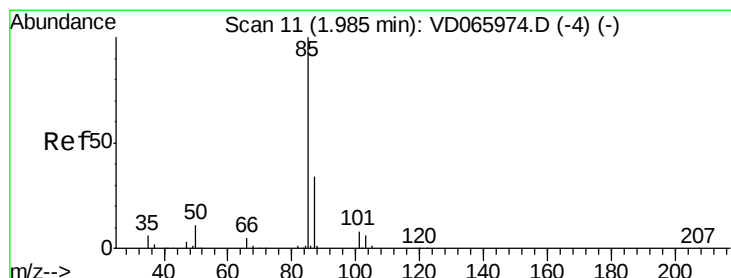
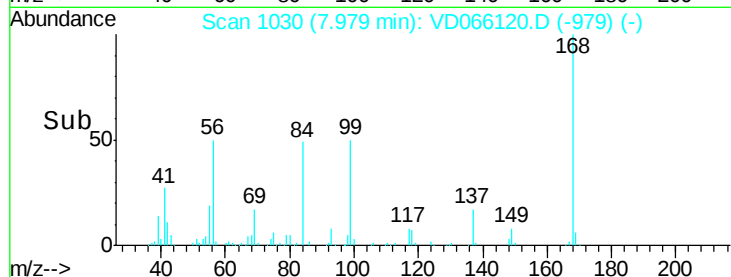
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.041 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066120.D

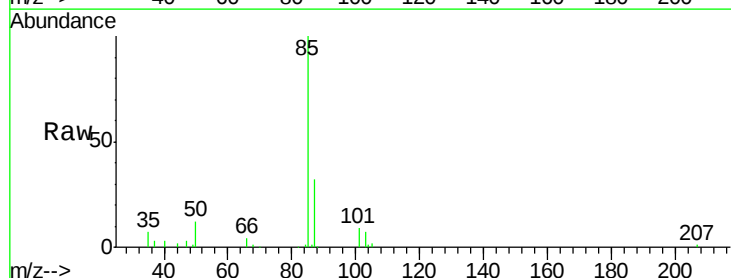
Acq: 30 Jul 2020 19:15

Tgt Ion: 85 Resp: 65729

Ion Ratio Lower Upper

85 100

87 32.3 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

60000

50000

40000

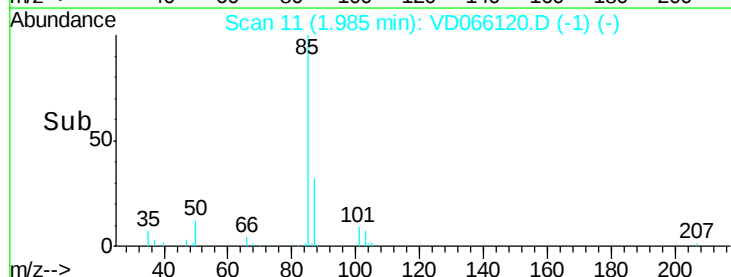
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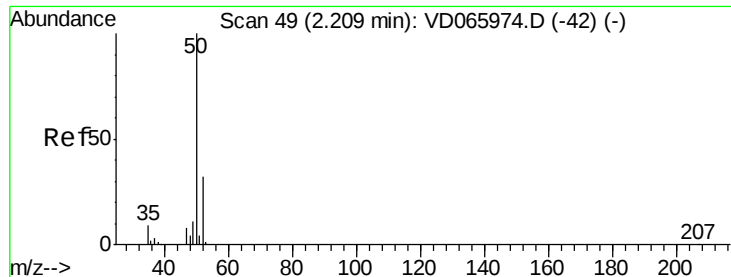
20000

10000

0

Time-->





#3

Chloromethane

Concen: 44.661 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

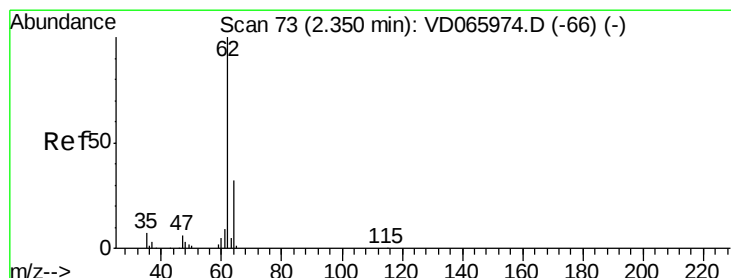
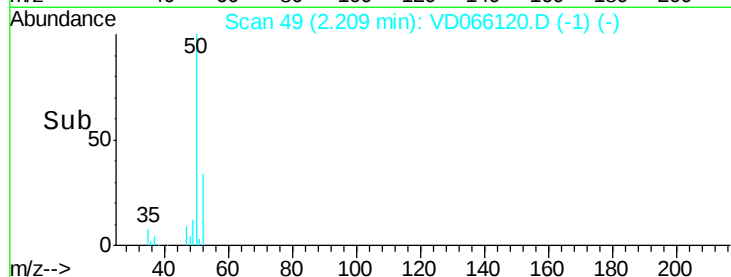
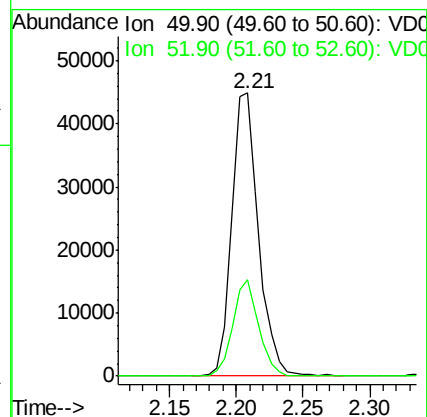
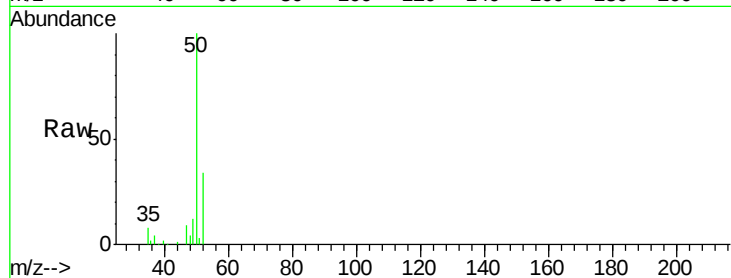
VSTDCCC050EC

Tot Ion: 50 Resp: 62975

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.8



#4

Vinyl Chloride

Concen: 46.247 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066120.D

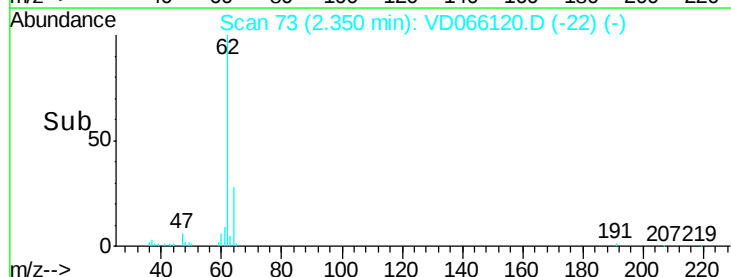
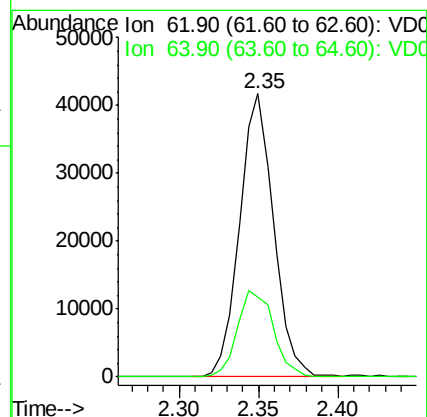
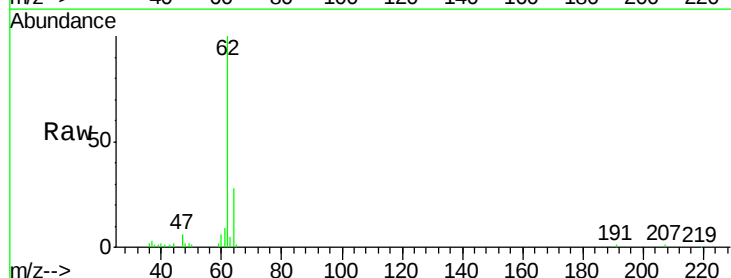
Acq: 30 Jul 2020 19:15

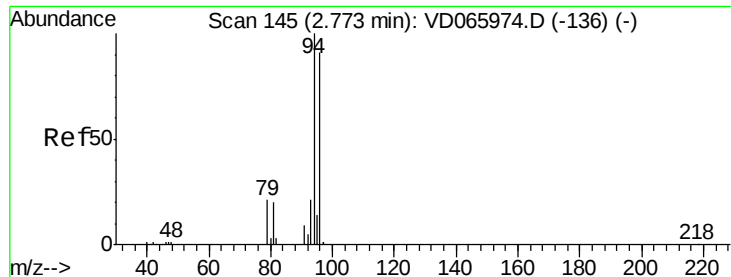
Tgt Ion: 62 Resp: 62099

Ion Ratio Lower Upper

62 100

64 28.4 25.8 38.8





#5

Bromomethane

Concen: 53.218 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

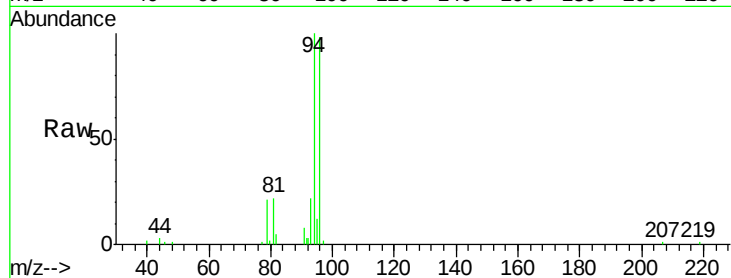
VSTDCCC050EC

Tot Ion: 94 Resp: 49951

Ion Ratio Lower Upper

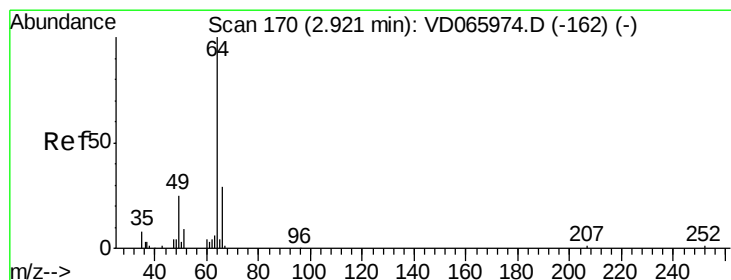
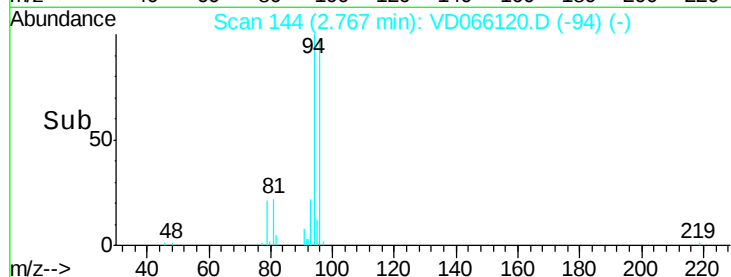
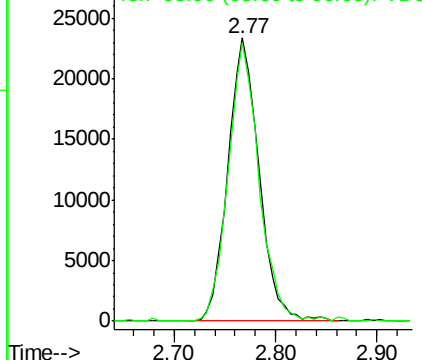
94 100

96 98.2 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.205 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066120.D

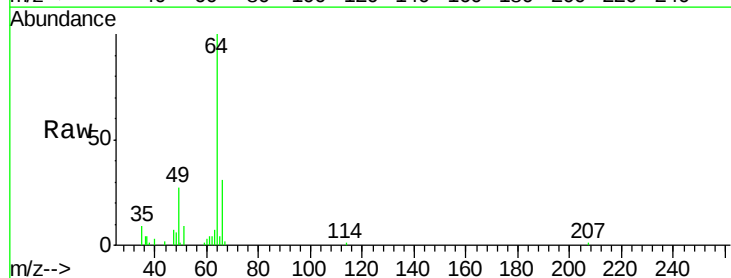
Acq: 30 Jul 2020 19:15

Tgt Ion: 64 Resp: 41846

Ion Ratio Lower Upper

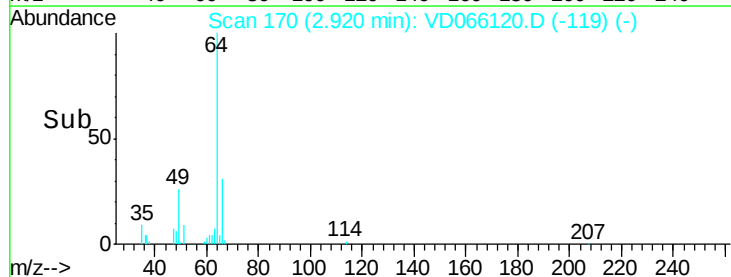
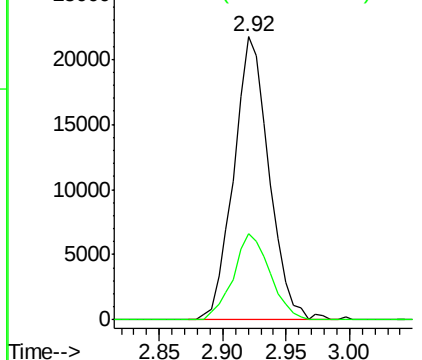
64 100

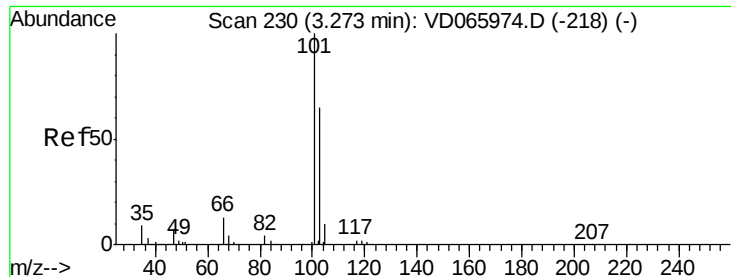
66 30.5 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



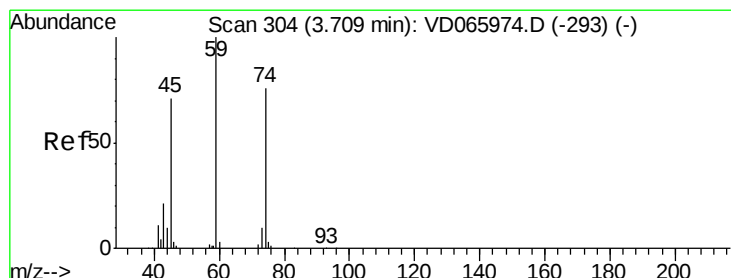
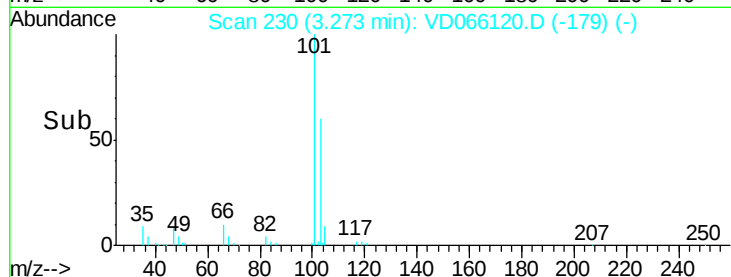
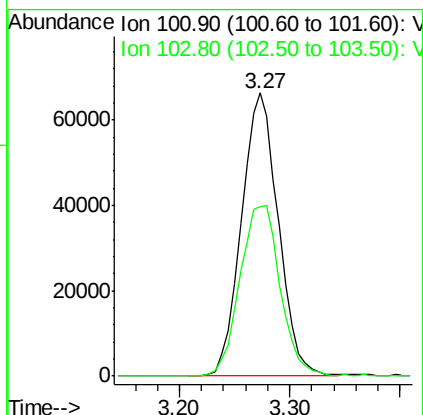
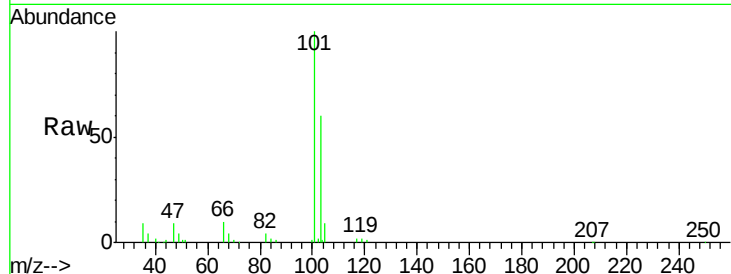


#7

Trichlorofluoromethane
 Concen: 47.626 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

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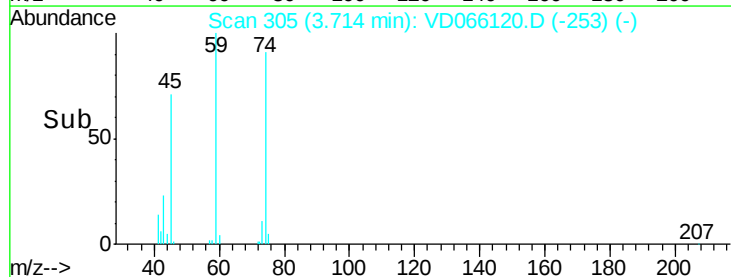
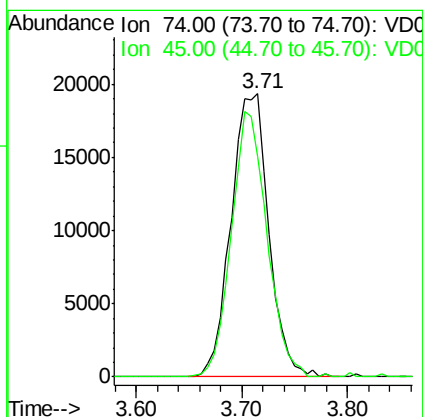
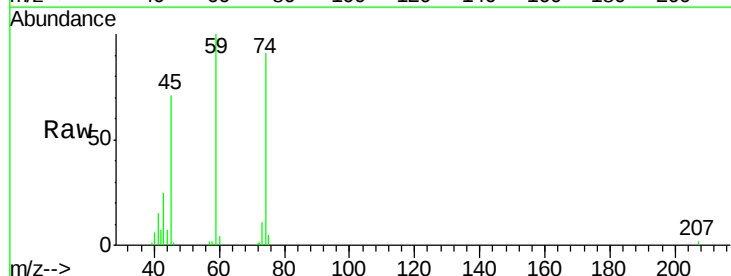
Tot Ion:101 Resp: 155552
 Ion Ratio Lower Upper
 101 100
 103 59.7 52.1 78.1

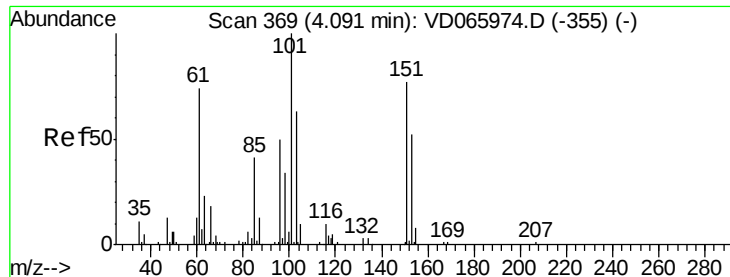


#8

Diethyl Ether
 Concen: 53.022 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 74 Resp: 47867
 Ion Ratio Lower Upper
 74 100
 45 88.3 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.855 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

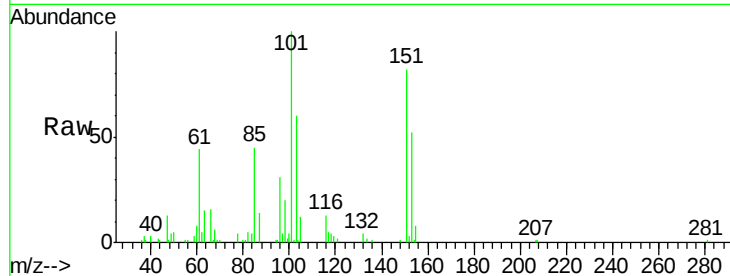
Tot Ion:101 Resp: 88459

Ion Ratio Lower Upper

101 100

85 44.2 33.6 50.4

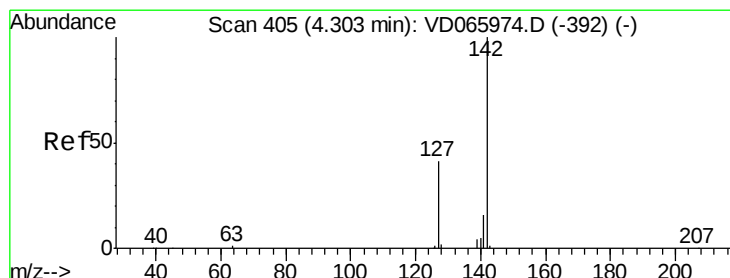
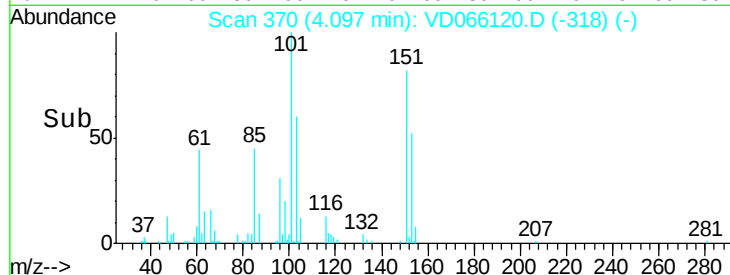
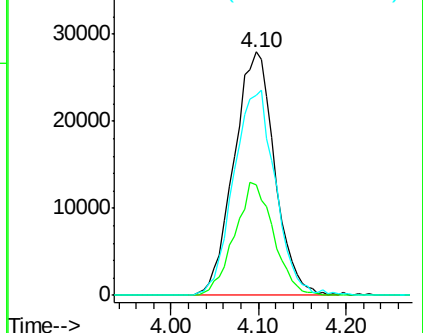
151 86.1 66.6 99.8



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: 49.709 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

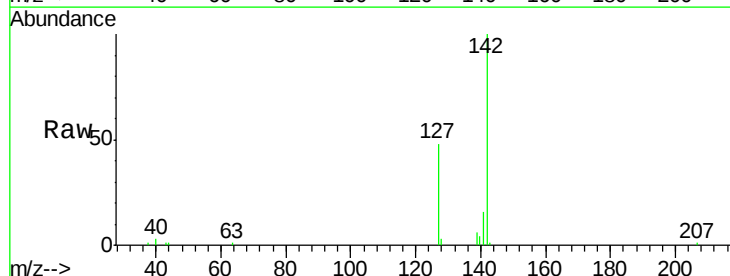
Tgt Ion:142 Resp: 98904

Ion Ratio Lower Upper

142 100

127 45.6 32.9 49.3

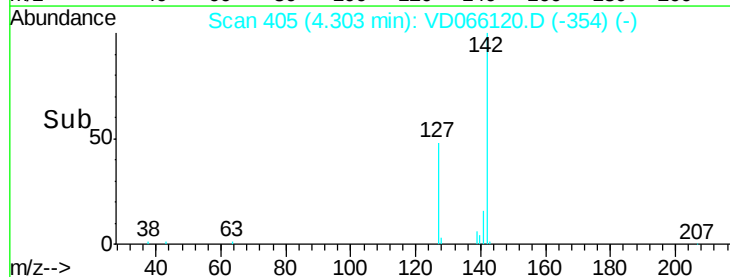
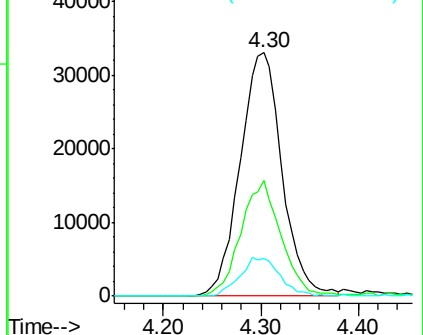
141 15.0 11.8 17.6

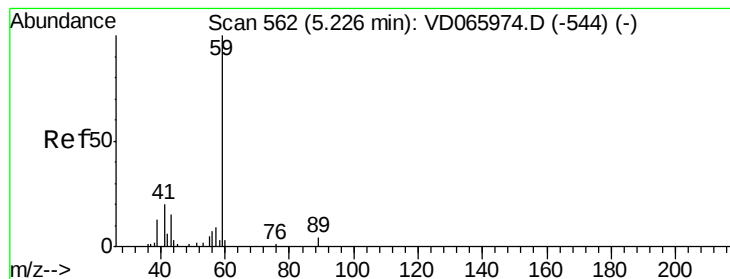


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



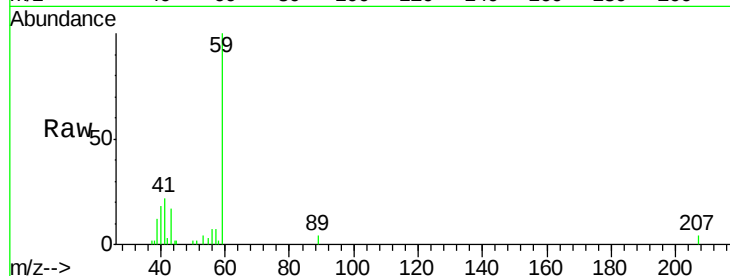


#11

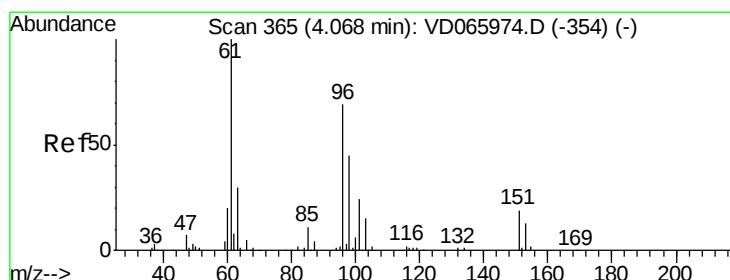
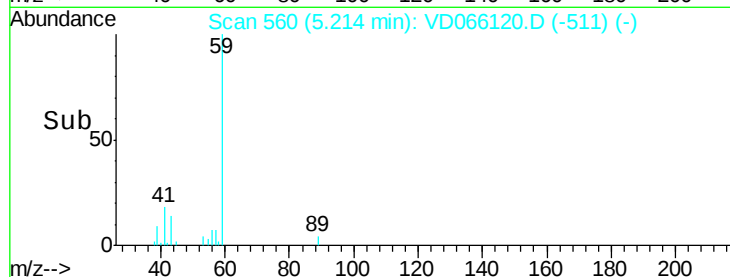
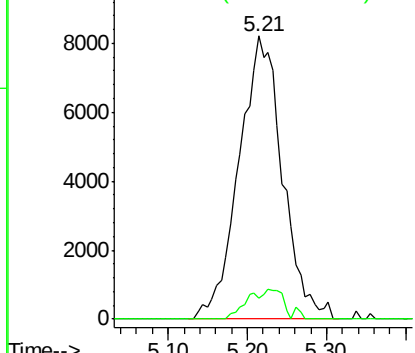
Tert butyl alcohol
 Concen: 271.787 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 31402
 Ion Ratio Lower Upper
 59 100
 57 4.8 4.5 6.7



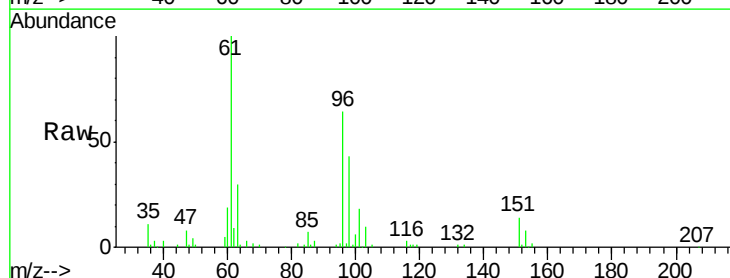
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



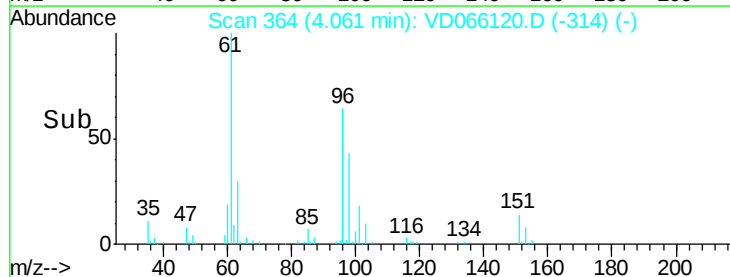
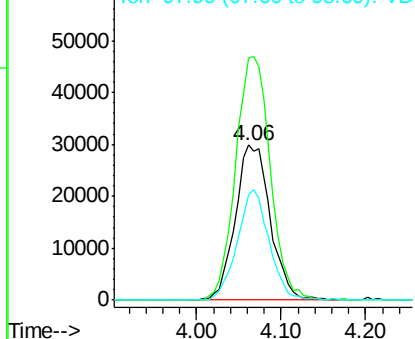
#12

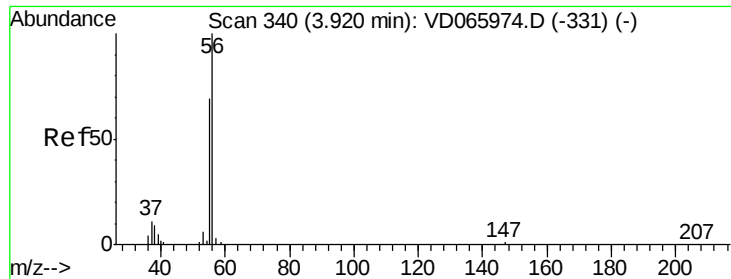
1,1-Dichloroethene
 Concen: 45.565 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 96 Resp: 85774
 Ion Ratio Lower Upper
 96 100
 61 156.4 115.4 173.0
 98 67.5 51.5 77.3



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





#13

Acrolein

Concen: 200.563 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

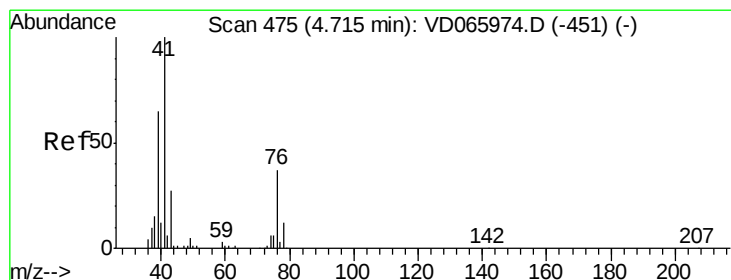
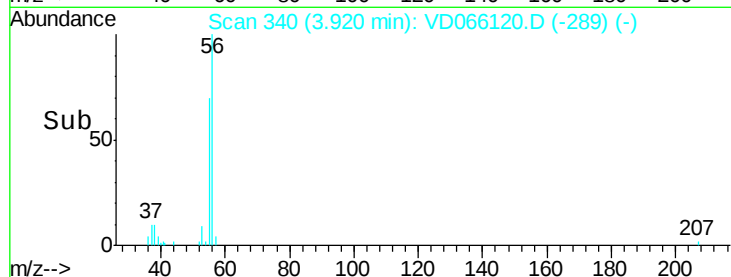
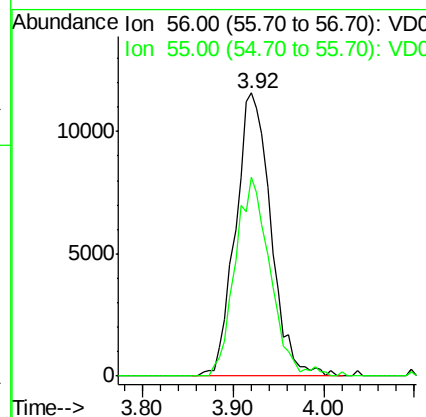
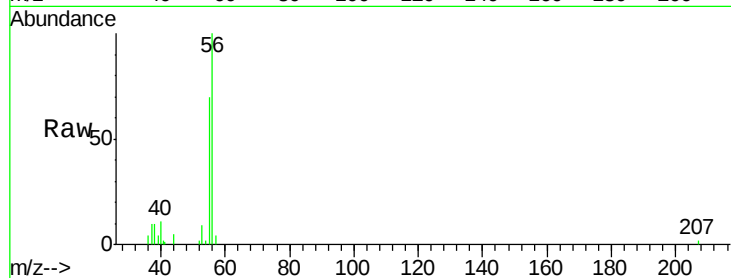
VSTDCCC050EC

Tot Ion: 56 Resp: 31305

Ion Ratio Lower Upper

56 100

55 68.5 55.8 83.8



#14

Allyl chloride

Concen: 47.415 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

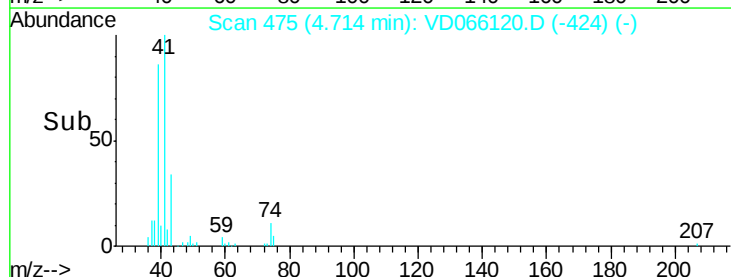
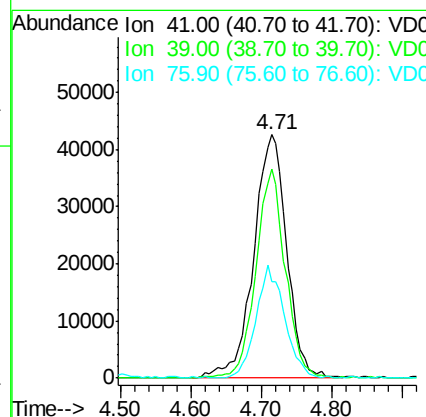
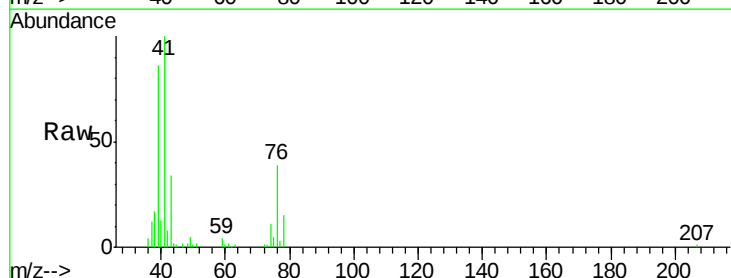
Tgt Ion: 41 Resp: 139526

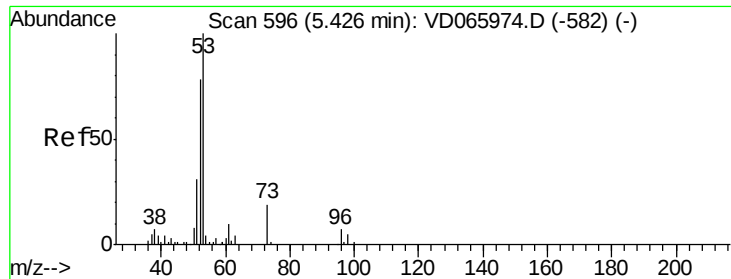
Ion Ratio Lower Upper

41 100

39 76.7 53.4 80.2

76 40.1 29.1 43.7





#15

Acrylonitrile

Concen: 268.909 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

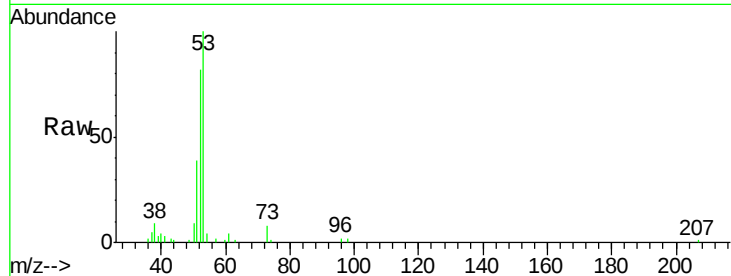
Tot Ion: 53 Resp: 103715

Ion Ratio Lower Upper

53 100

52 84.2 67.1 100.7

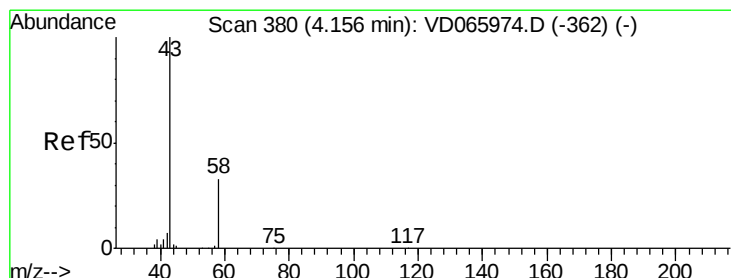
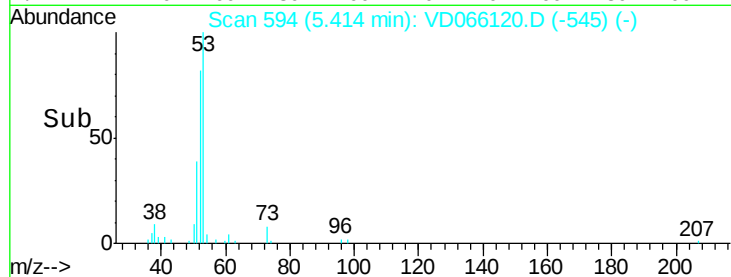
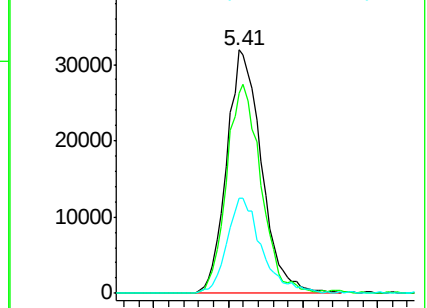
51 38.9 28.7 43.1



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: 216.735 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066120.D

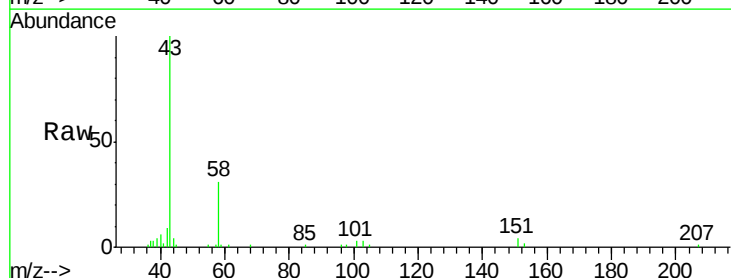
Acq: 30 Jul 2020 19:15

Tgt Ion: 43 Resp: 81274

Ion Ratio Lower Upper

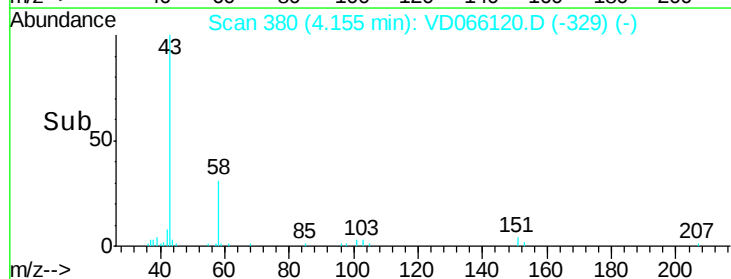
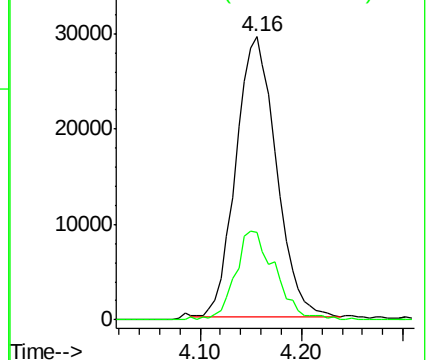
43 100

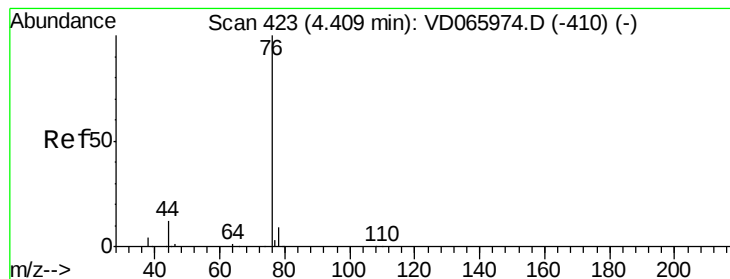
58 31.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 40.125 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

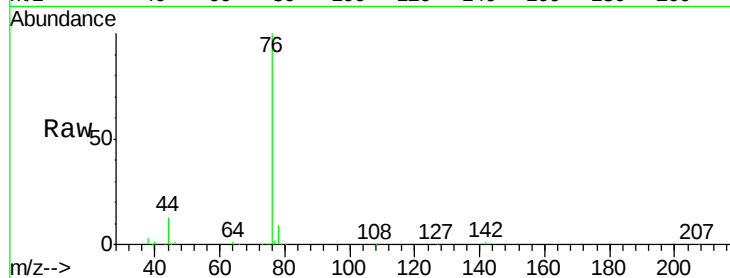
VSTDCCC050EC

Tot Ion: 76 Resp: 245011

Ion Ratio Lower Upper

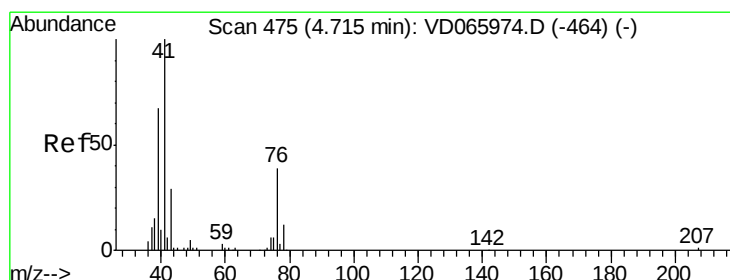
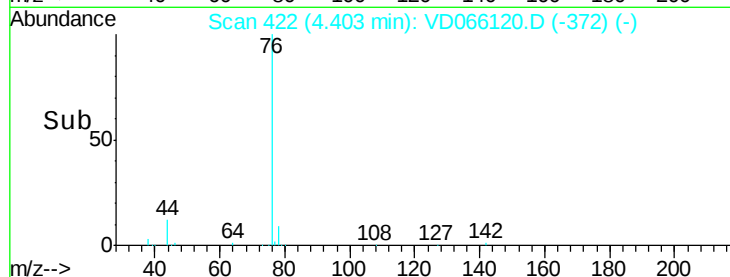
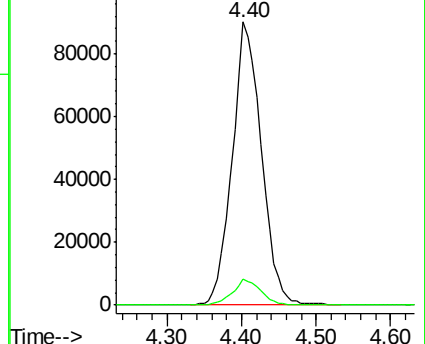
76 100

78 9.2 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: 54.399 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066120.D

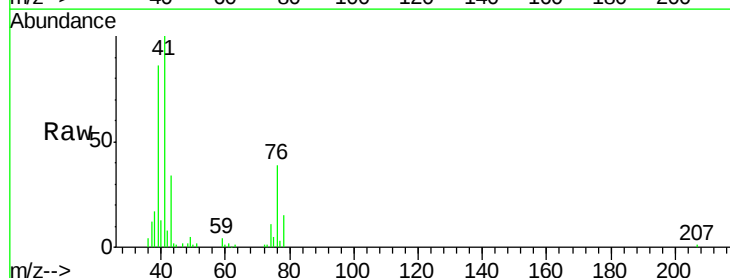
Acq: 30 Jul 2020 19:15

Tgt Ion: 43 Resp: 47455

Ion Ratio Lower Upper

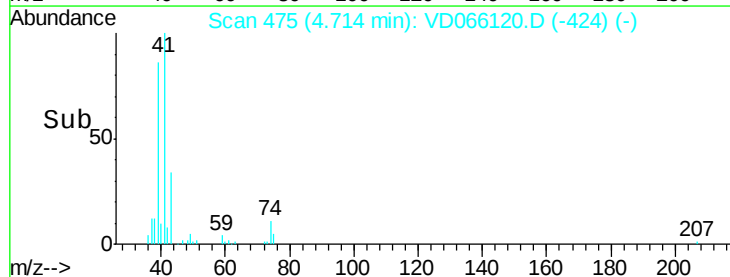
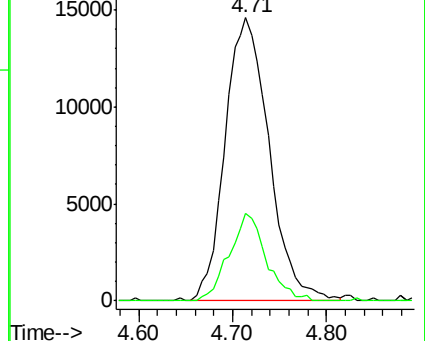
43 100

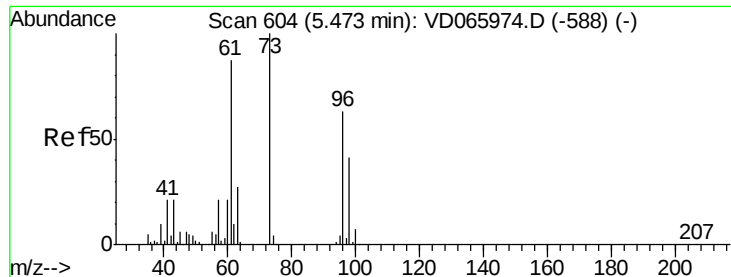
74 26.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

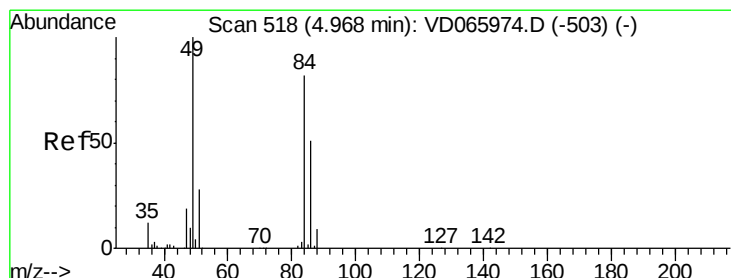
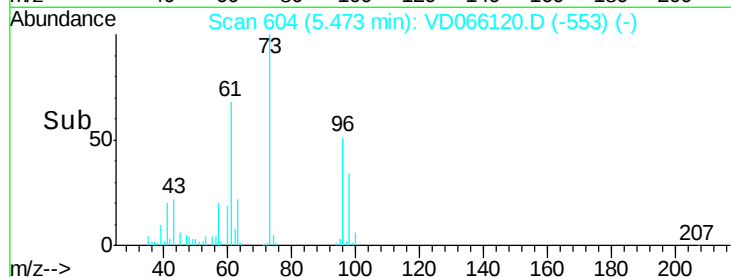
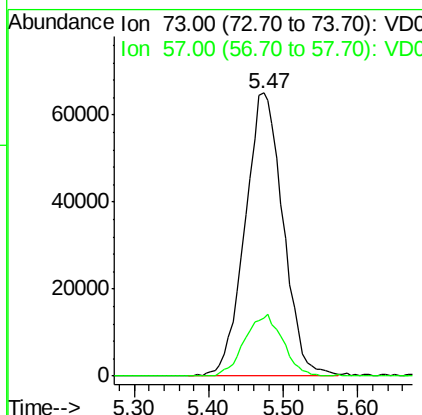
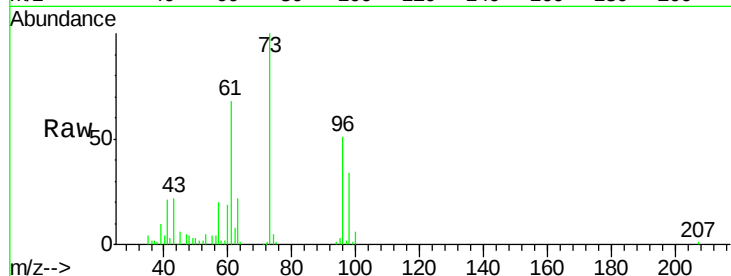




#19
Methvl tert-butvl Ether
Concen: 59.541 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

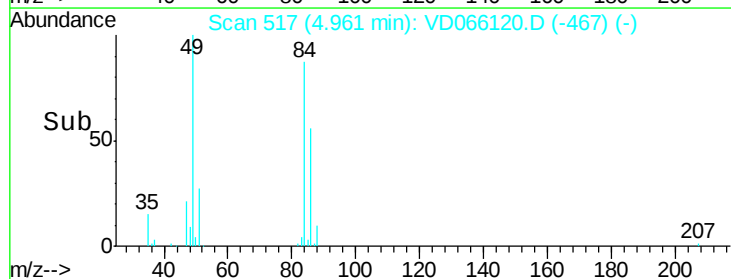
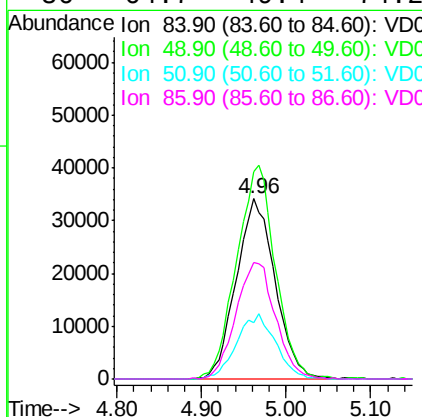
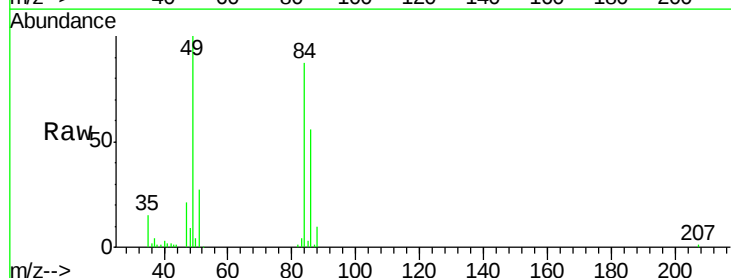
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

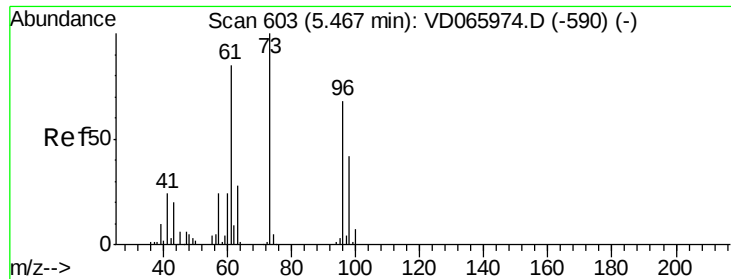
Tot Ion: 73 Resp: 230292
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: 52.757 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 84 Resp: 109051
Ion Ratio Lower Upper
84 100
49 115.3 97.7 146.5
51 31.2 27.4 41.2
86 64.7 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 49.846 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

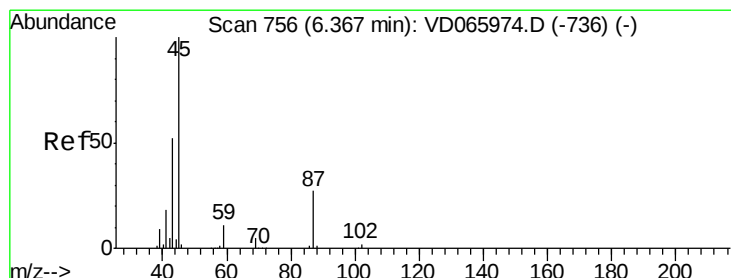
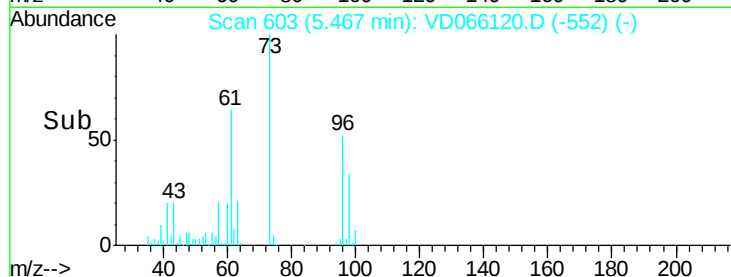
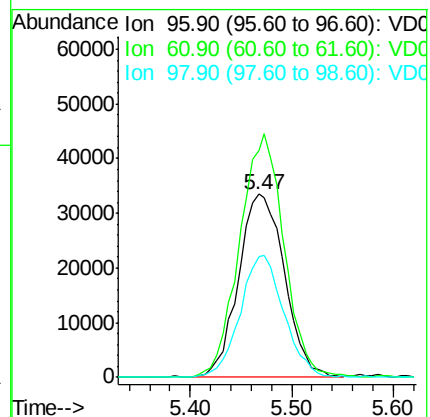
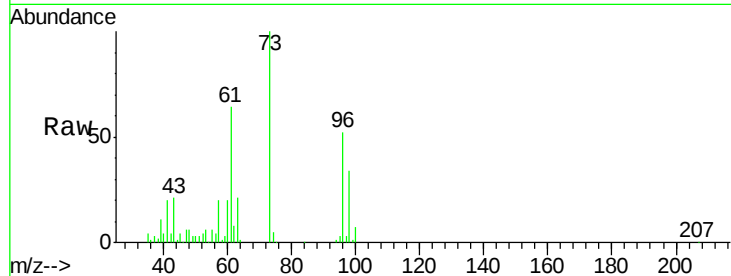
Tot Ion: 96 Resp: 106050

Ion Ratio Lower Upper

96 100

61 124.0 100.5 150.7

98 65.9 49.7 74.5



#22

Diisopropyl ether

Concen: 51.702 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion: 45 Resp: 289037

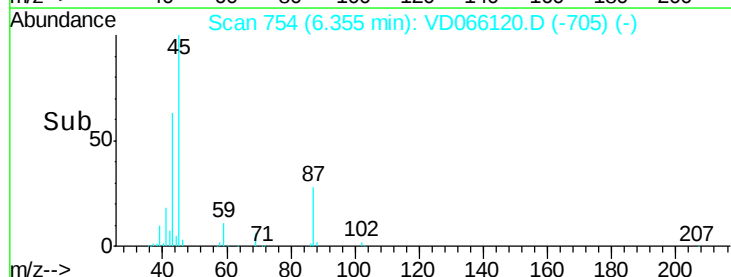
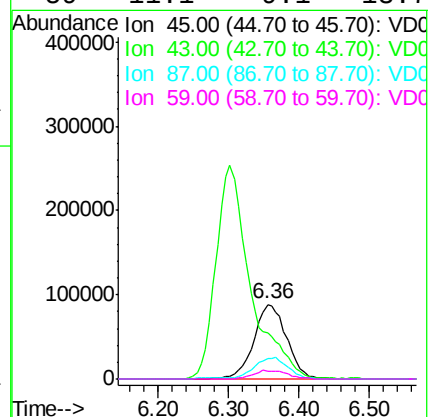
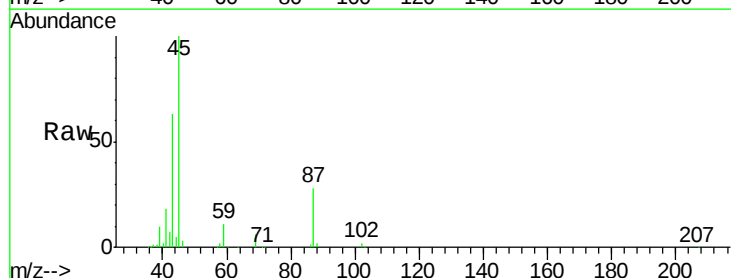
Ion Ratio Lower Upper

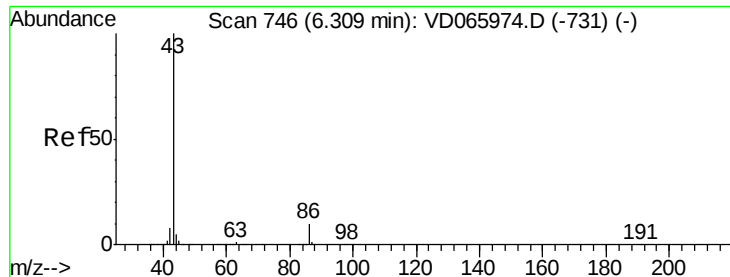
45 100

43 61.5 43.0 64.4

87 28.1 22.0 33.0

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 275.471 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

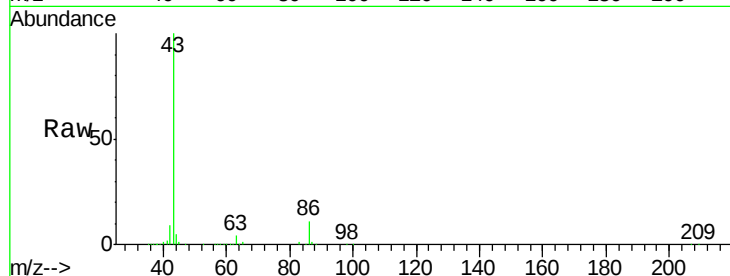
VSTDCCC050EC

Tot Ion: 43 Resp: 868524

Ion Ratio Lower Upper

43 100

86 11.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

150000

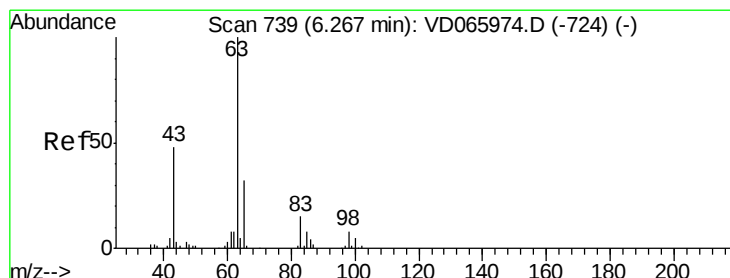
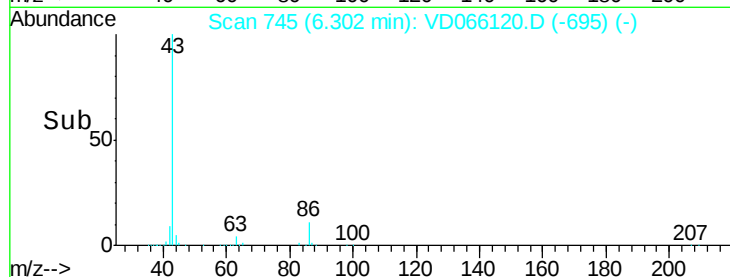
100000

50000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 52.744 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

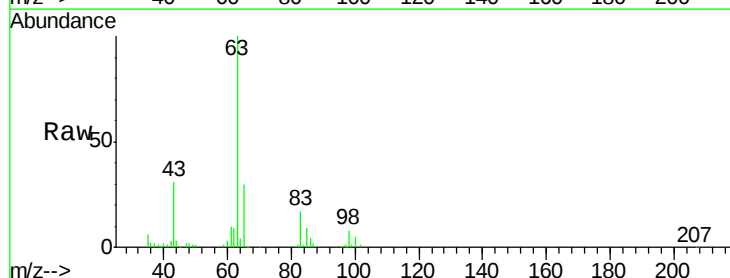
Tgt Ion: 63 Resp: 178662

Ion Ratio Lower Upper

63 100

98 7.9 4.3 12.8

100 5.4 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

6.26

80000

60000

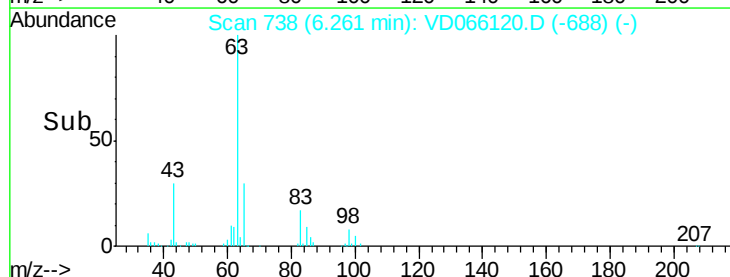
40000

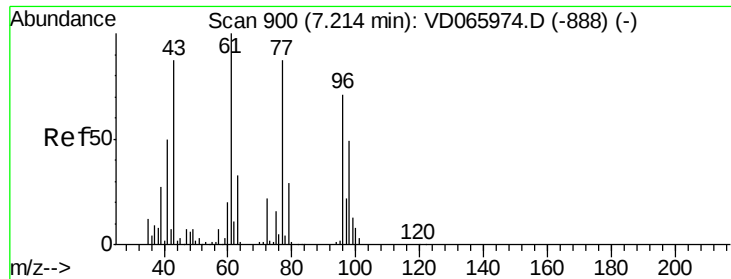
20000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 255.299 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

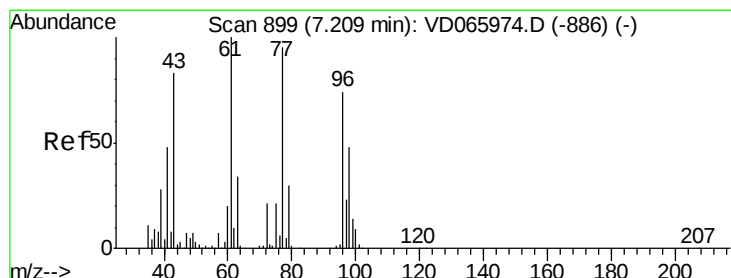
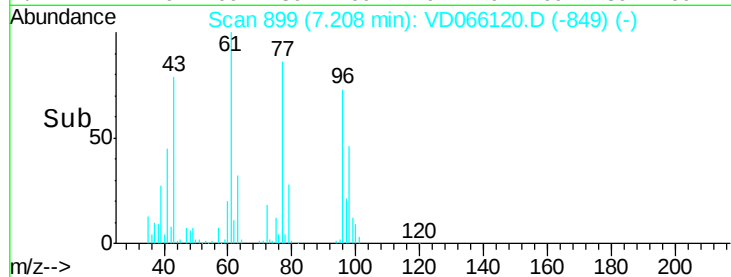
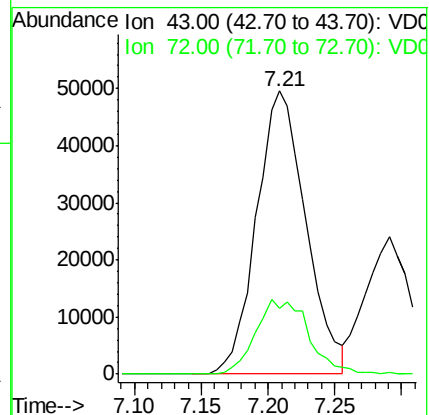
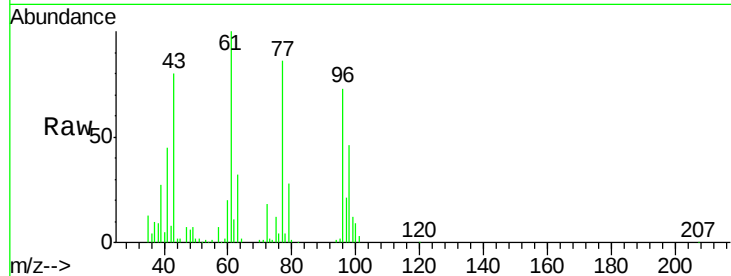
VSTDCCC050EC

Tot Ion: 43 Resp: 127033

Ion Ratio Lower Upper

43 100

72 23.0 20.2 30.2



#26

2,2-Dichloropropane

Concen: 50.976 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066120.D

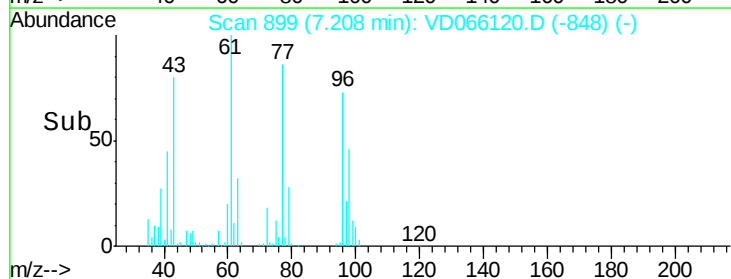
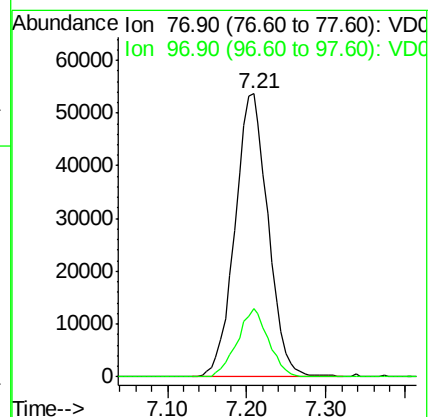
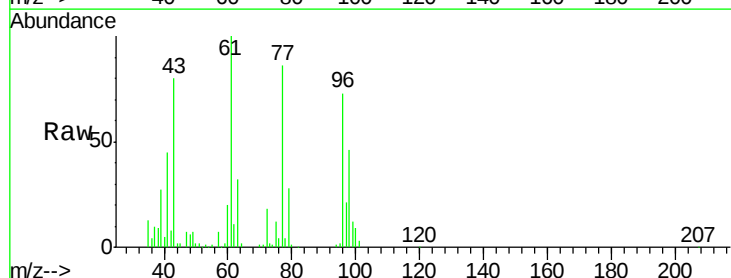
Acq: 30 Jul 2020 19:15

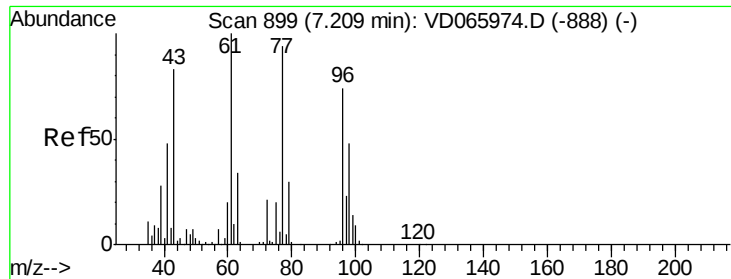
Tgt Ion: 77 Resp: 155277

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7



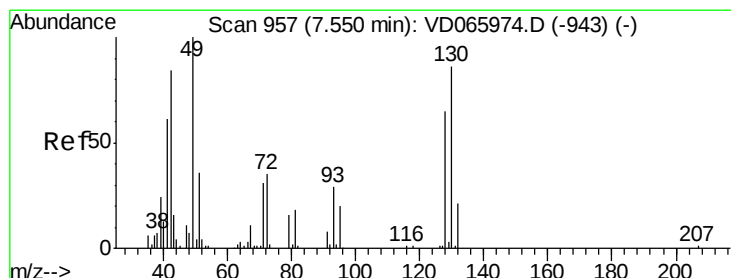
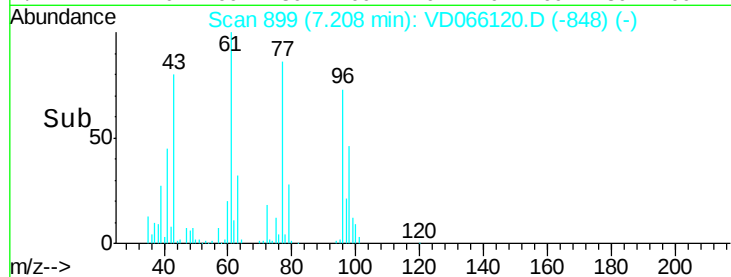
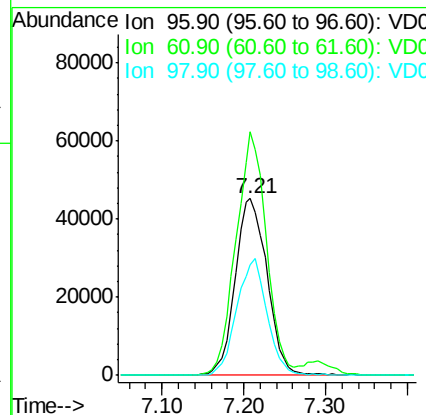
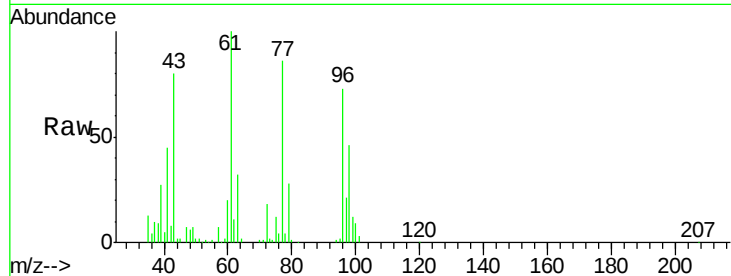


#27

cis-1,2-Dichloroethene
Concen: 54.569 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

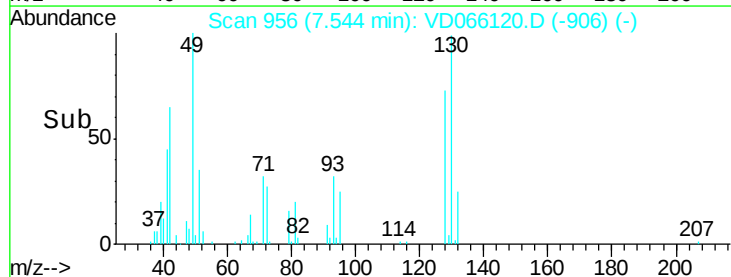
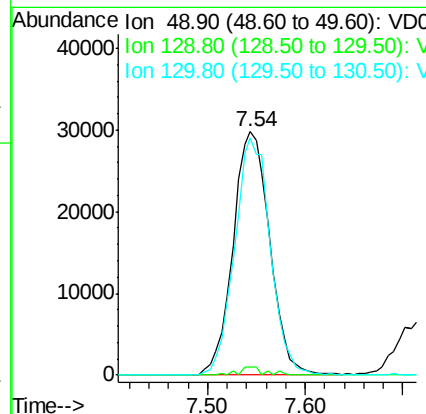
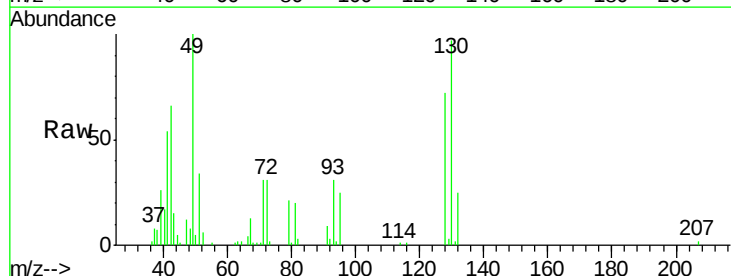
Tot Ion: 96 Resp: 122925
Ion Ratio Lower Upper
96 100
61 131.3 0.0 276.6
98 62.7 0.0 130.8

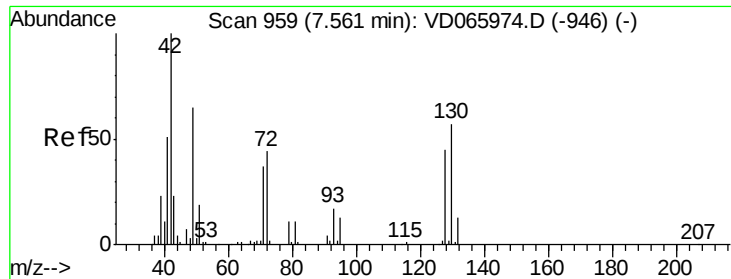


#28

Bromochloromethane
Concen: 54.013 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 49 Resp: 77653
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 94.5 68.4 102.6

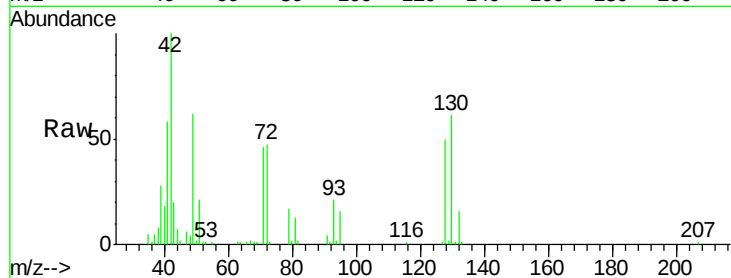




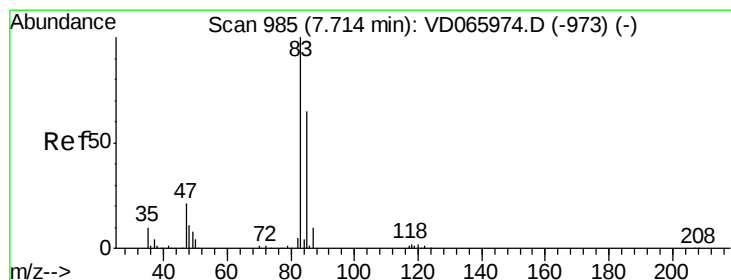
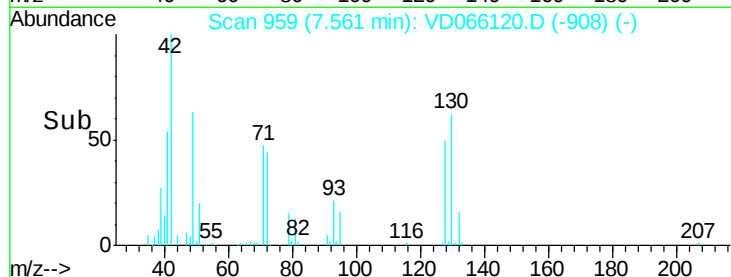
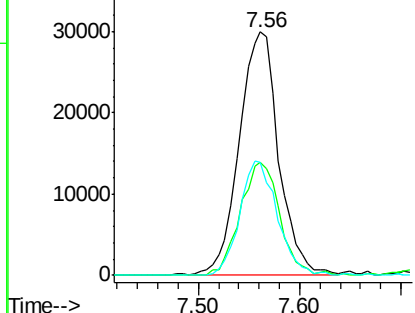
#29
Tetrahydrofuran
Concen: 263.400 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 80867
Ion Ratio Lower Upper
42 100
72 46.4 34.2 51.2
71 44.7 31.4 47.2

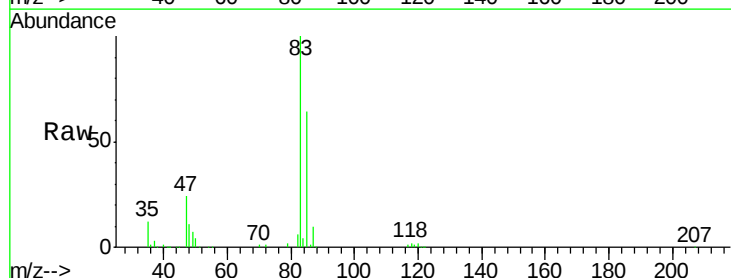


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

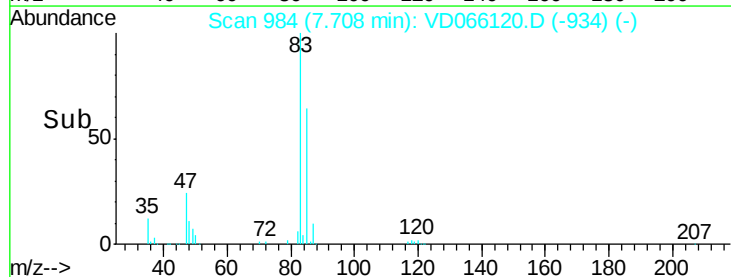
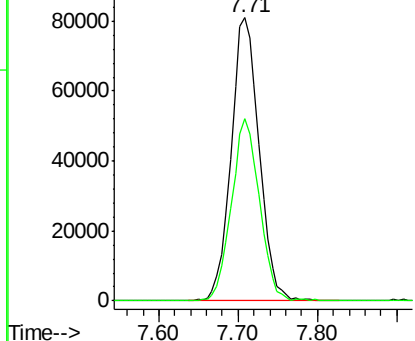


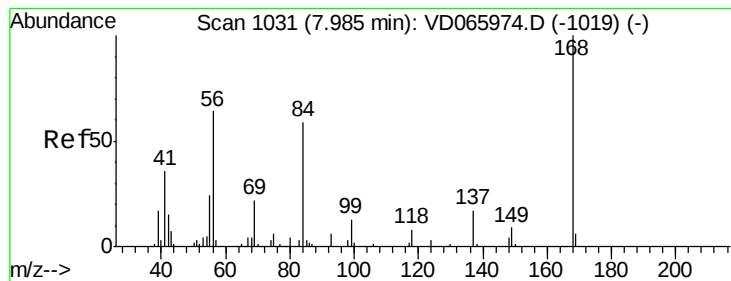
#30
Chloroform
Concen: 55.910 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 83 Resp: 198104
Ion Ratio Lower Upper
83 100
85 64.4 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: 39.627 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

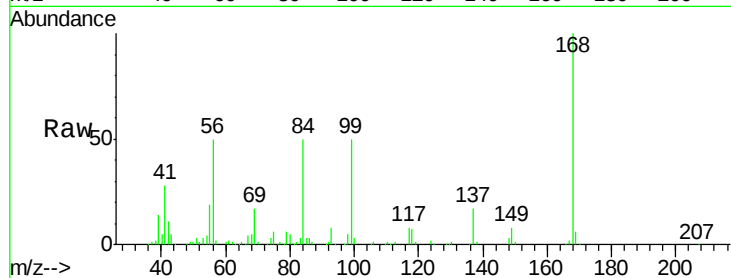
Tot Ion: 56 Resp: 132055

Ion Ratio Lower Upper

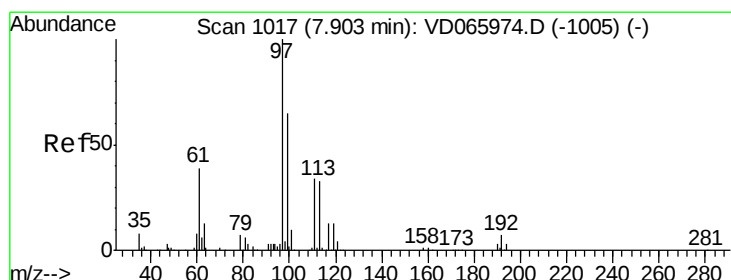
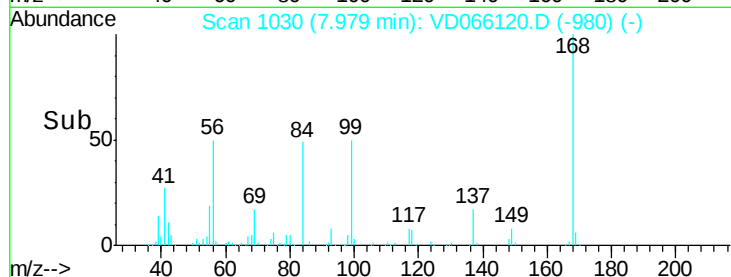
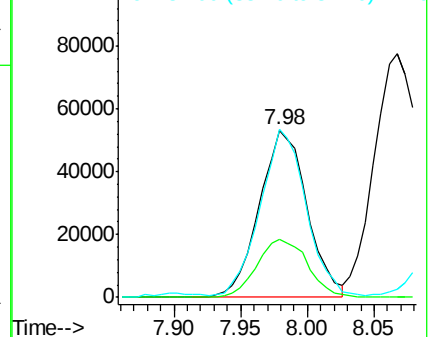
56 100

69 34.5 28.0 42.0

84 98.9 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: 54.561 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

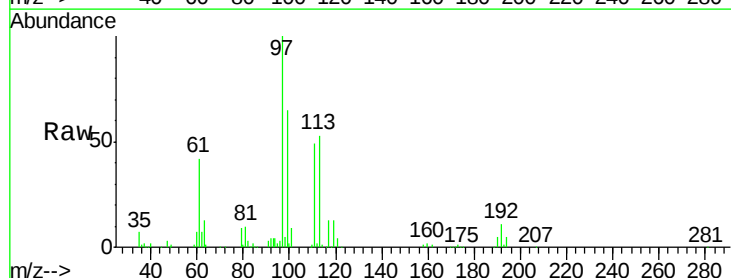
Tgt Ion: 97 Resp: 178826

Ion Ratio Lower Upper

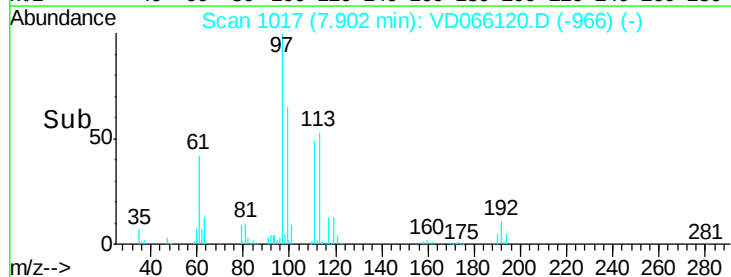
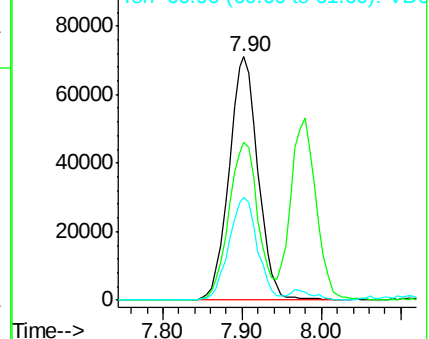
97 100

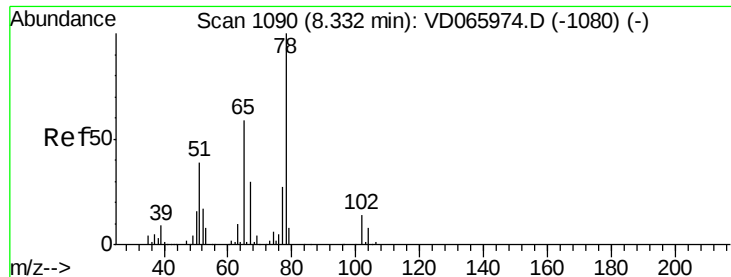
99 66.2 51.8 77.6

61 41.6 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: 59.122 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

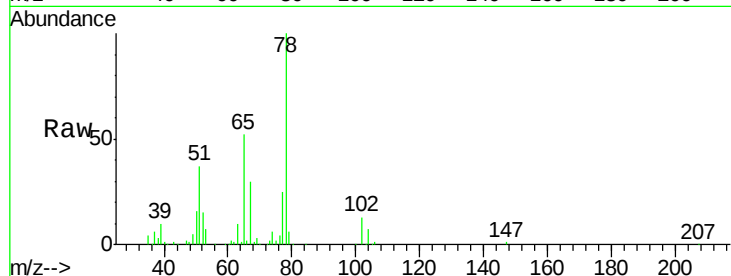
VSTDCCC050EC

Tot Ion: 65 Resp: 109529

Ion Ratio Lower Upper

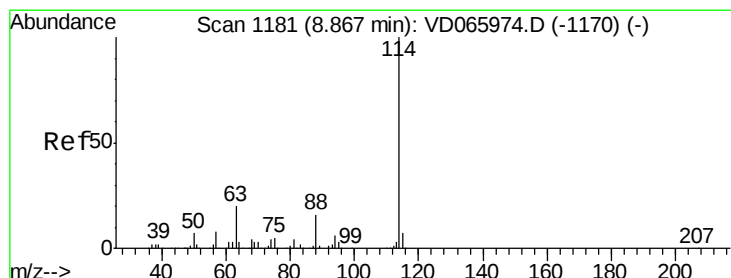
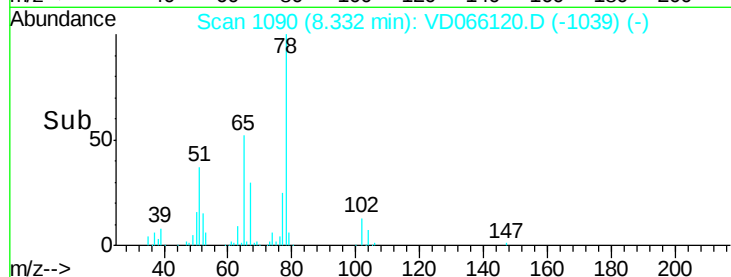
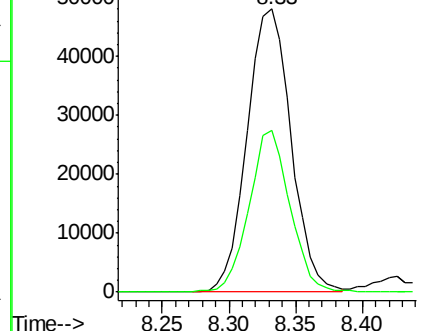
65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

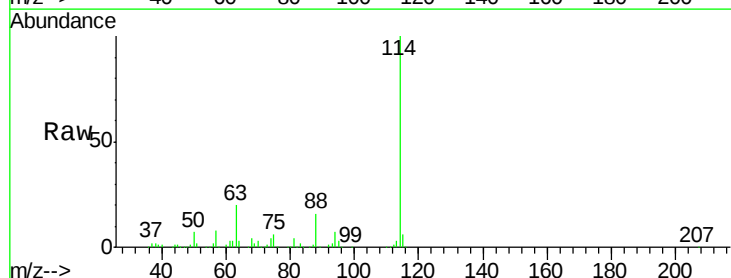
Tgt Ion: 114 Resp: 341581

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

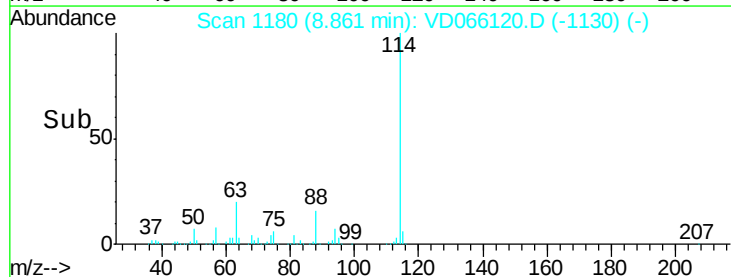
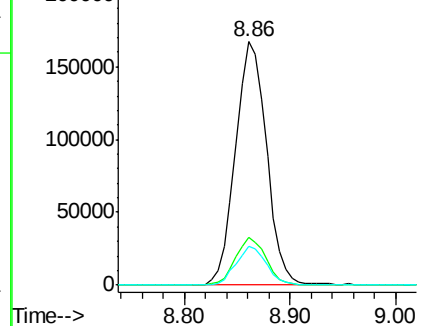
88 15.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

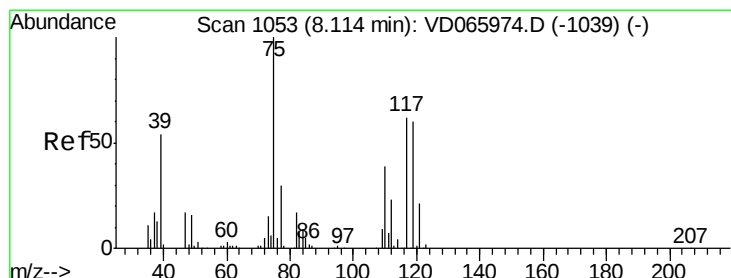
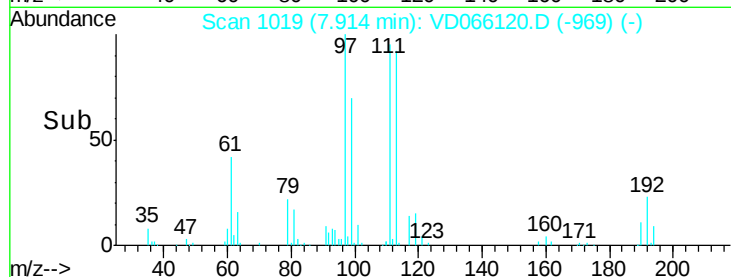
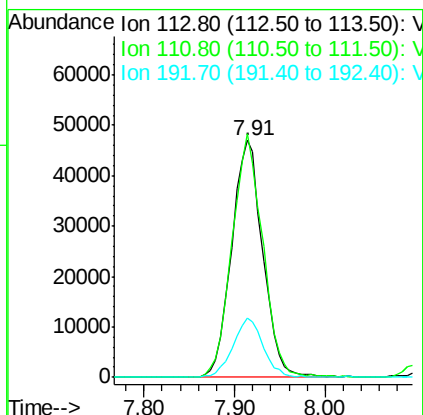
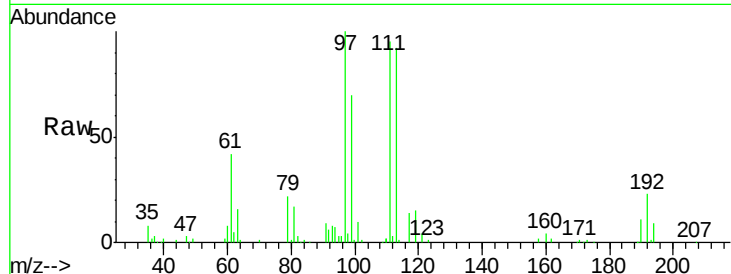




#35
 Dibromofluoromethane
 Concen: 54.325 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

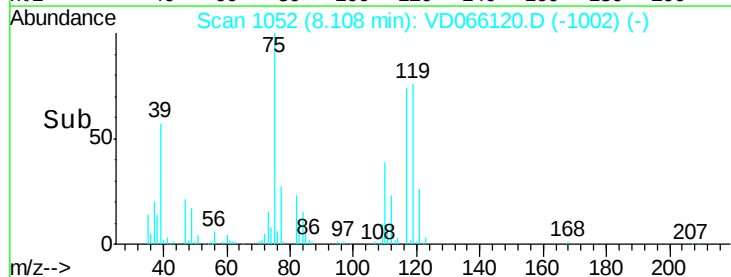
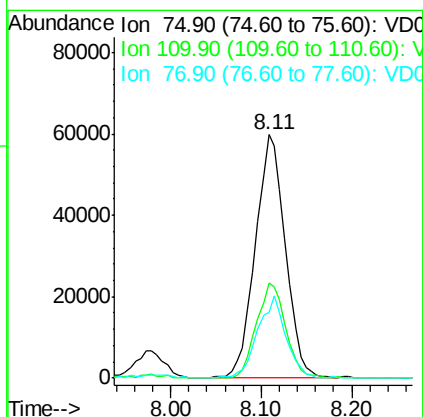
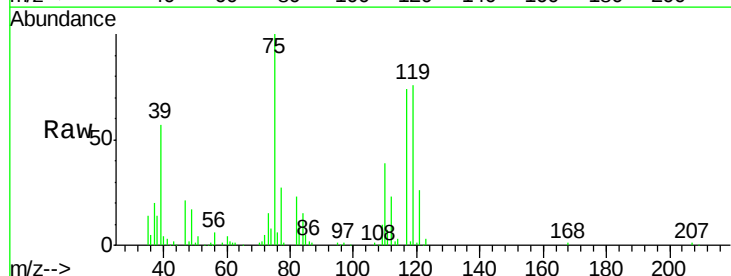
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

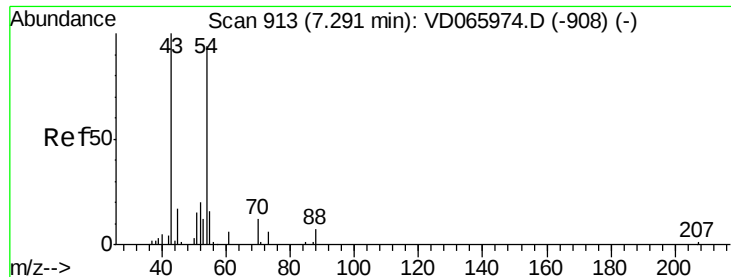
Tot Ion:113 Resp: 112550
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.2 124.8
 192 24.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 47.275 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 75 Resp: 137818
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.5 58.5
 77 31.8 24.7 37.1

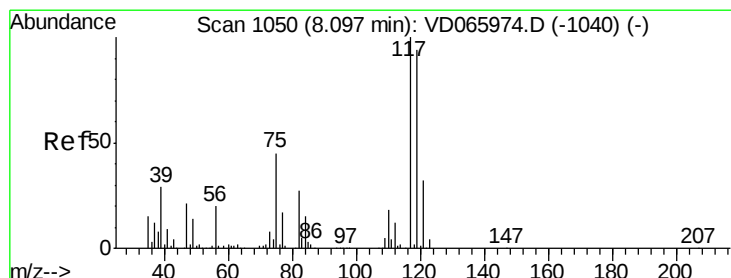
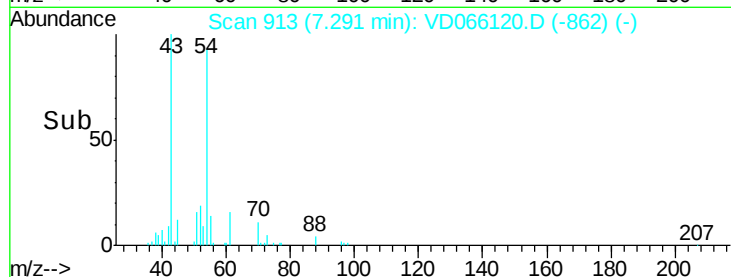
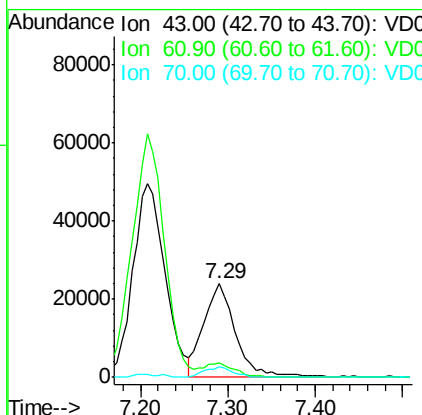
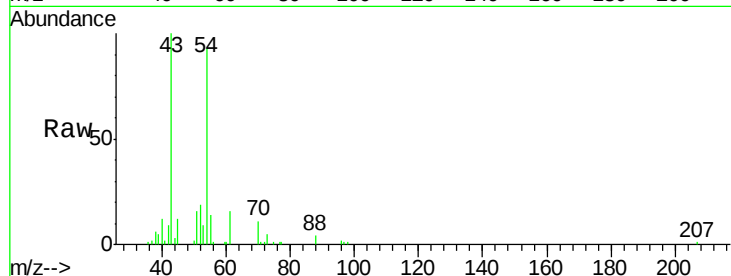




#37
Ethyl Acetate
Concen: 55.066 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

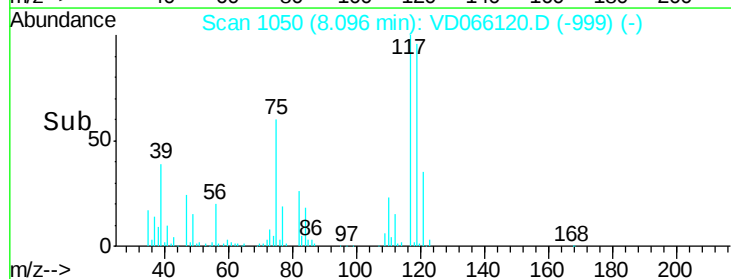
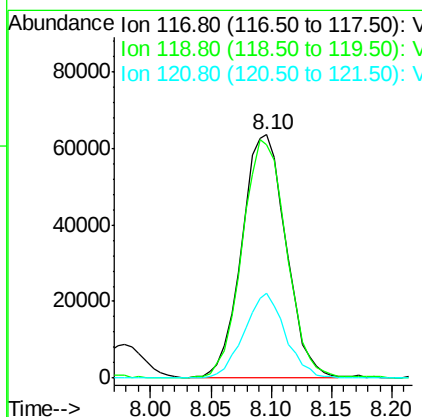
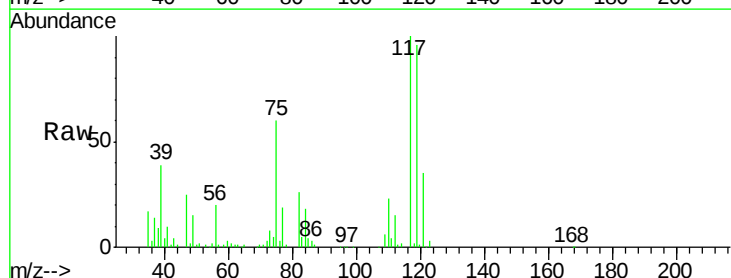
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

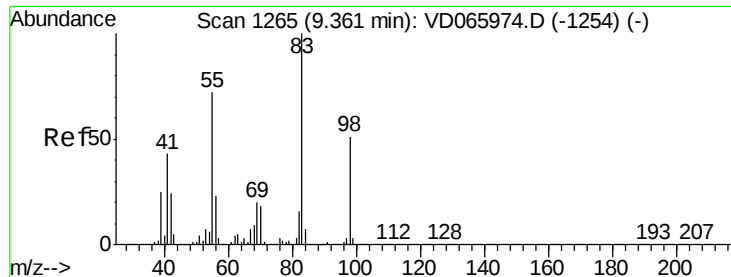
Tot Ion: 43 Resp: 61307
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 10.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.936 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 117 Resp: 161118
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
121 34.8 25.5 38.3

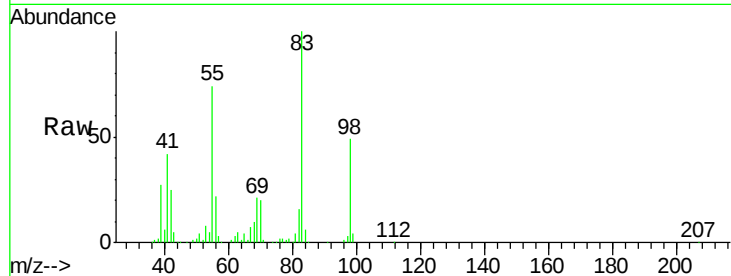




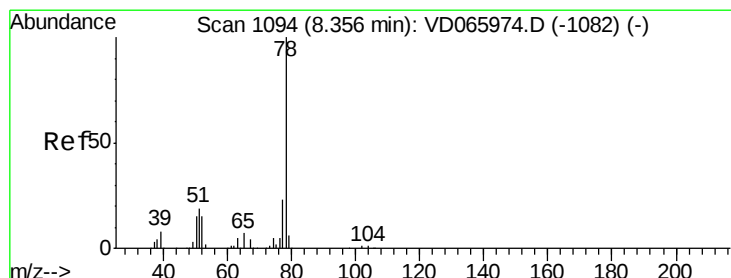
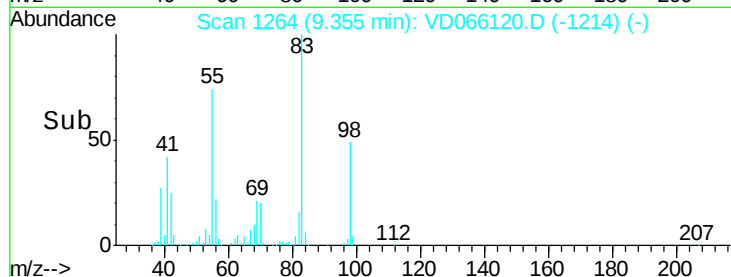
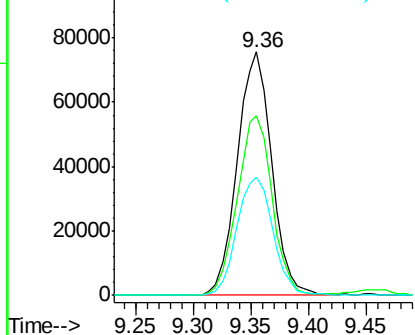
#39
Methvlcvclohexane
Concen: 44.473 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 157004
Ion Ratio Lower Upper
83 100
55 73.8 57.3 85.9
98 48.7 41.0 61.6

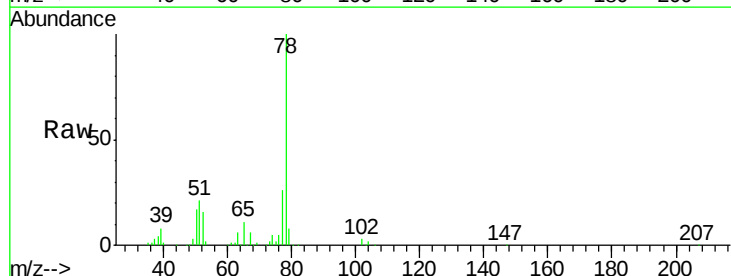


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

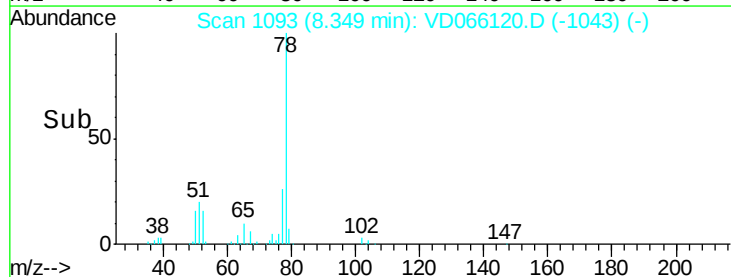
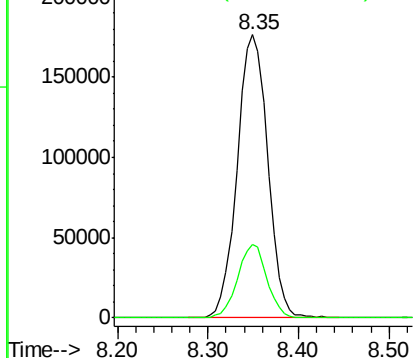


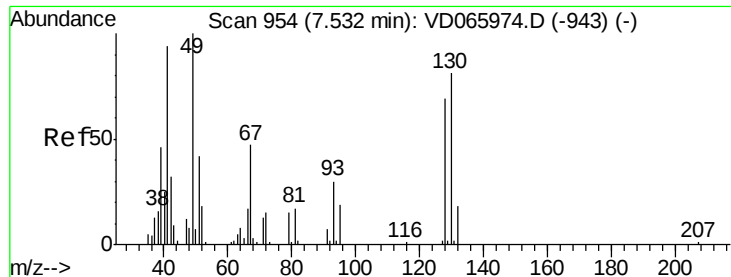
#40
Benzene
Concen: 50.670 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 78 Resp: 413251
Ion Ratio Lower Upper
78 100
77 25.8 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 52.576 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 33532

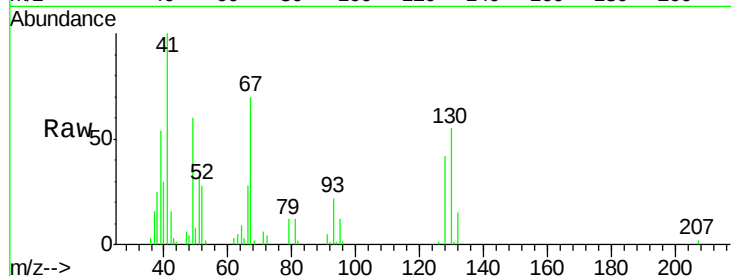
Ion Ratio Lower Upper

41 100

39 65.2 0.0 0.0#

67 77.7 0.0 0.0#

52 37.0 0.0 0.0#

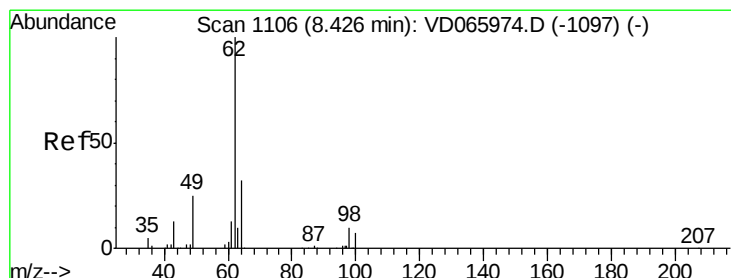
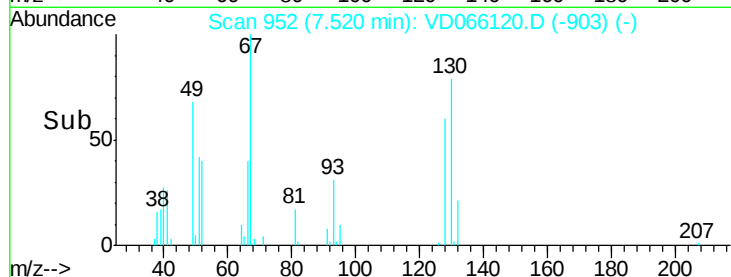
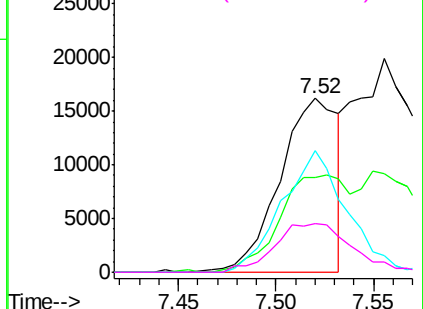


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 57.631 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD066120.D

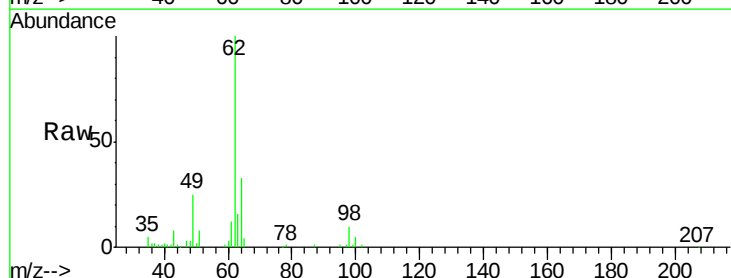
Acq: 30 Jul 2020 19:15

Tgt Ion: 62 Resp: 128800

Ion Ratio Lower Upper

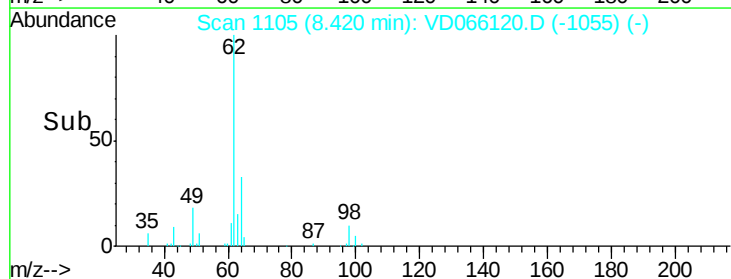
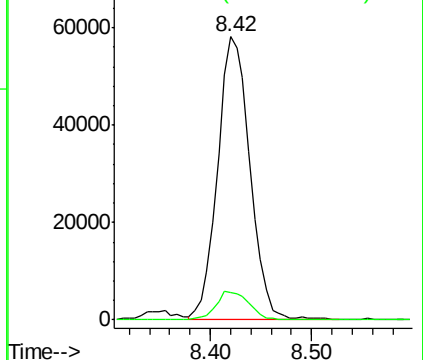
62 100

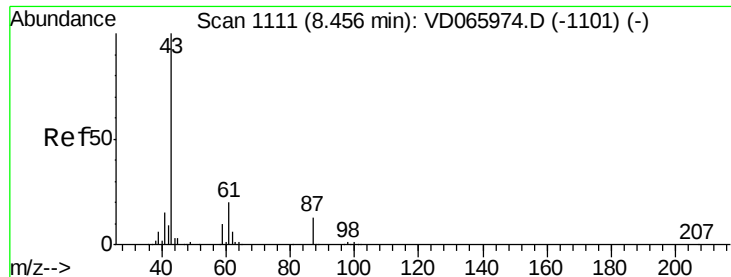
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.658 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

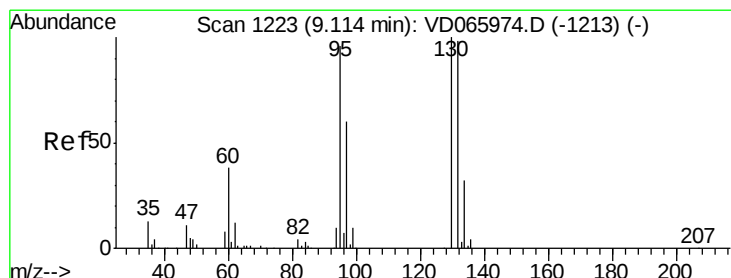
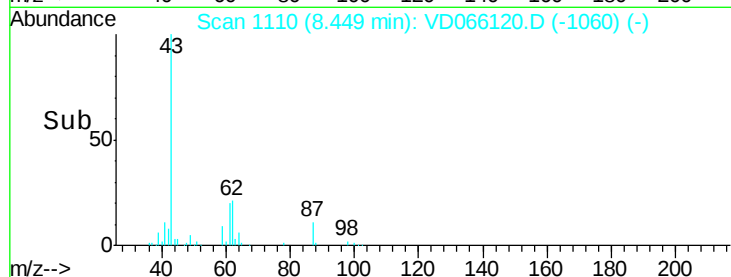
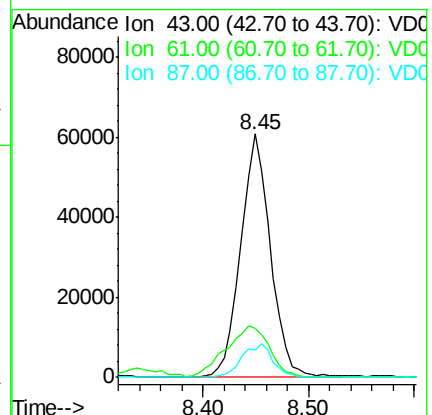
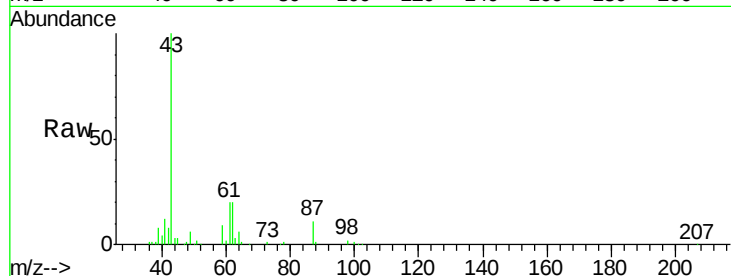
Tot Ion: 43 Resp: 118852

Ion Ratio Lower Upper

43 100

61 31.1 25.8 38.8

87 14.3 10.9 16.3



#44

Trichloroethene

Concen: 49.984 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066120.D

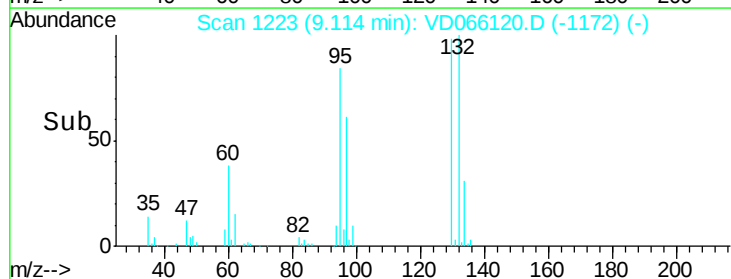
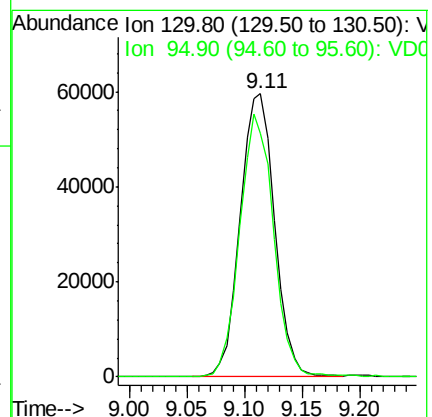
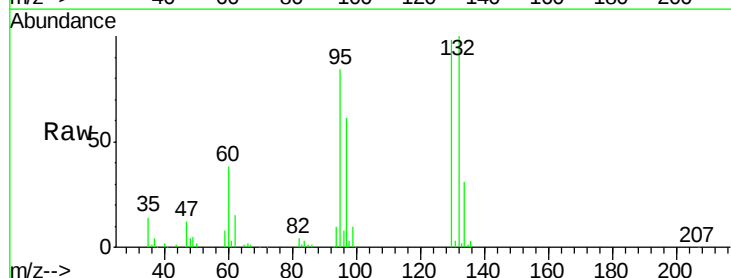
Acq: 30 Jul 2020 19:15

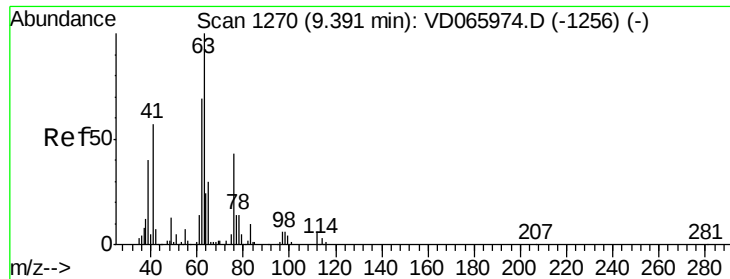
Tgt Ion: 130 Resp: 123362

Ion Ratio Lower Upper

130 100

95 86.3 0.0 191.6

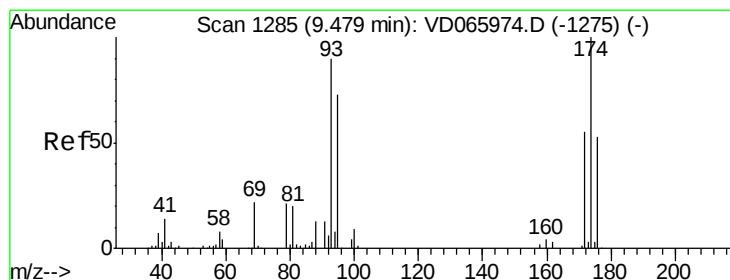
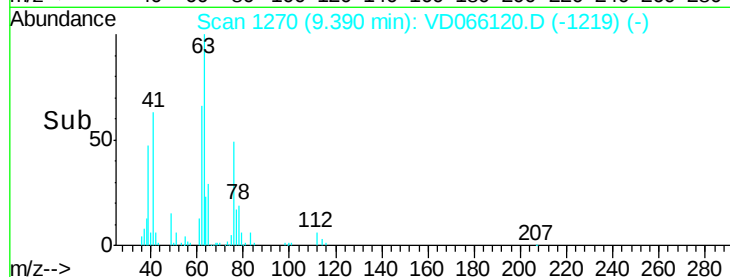
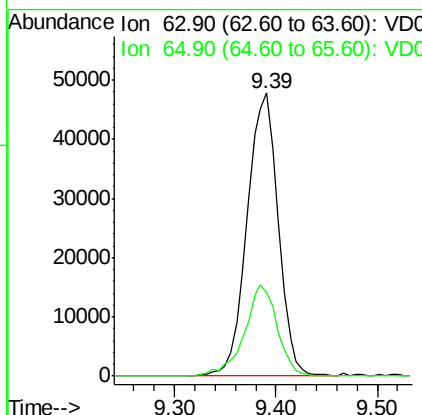
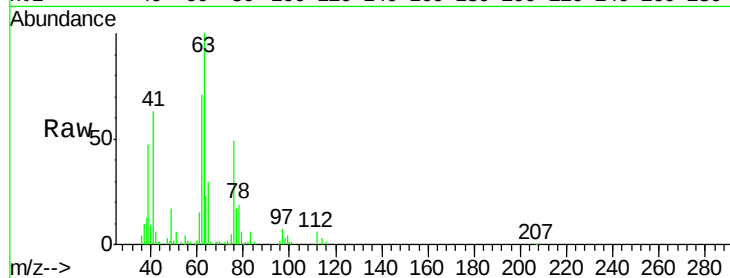




#45
 1,2-Dichloropropane
 Concen: 51.621 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

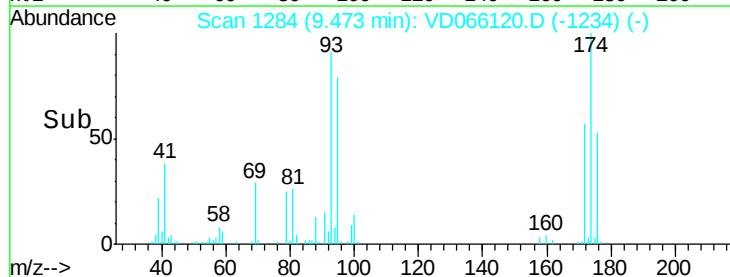
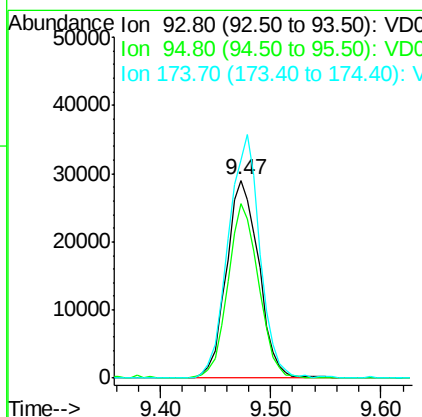
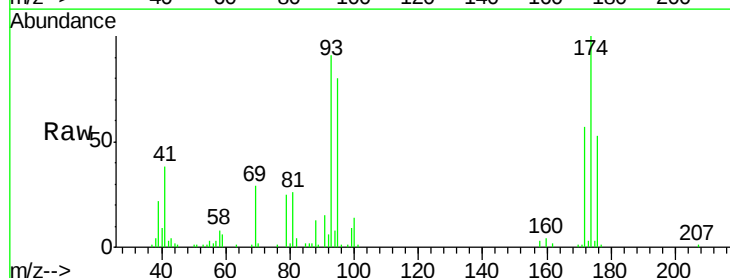
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

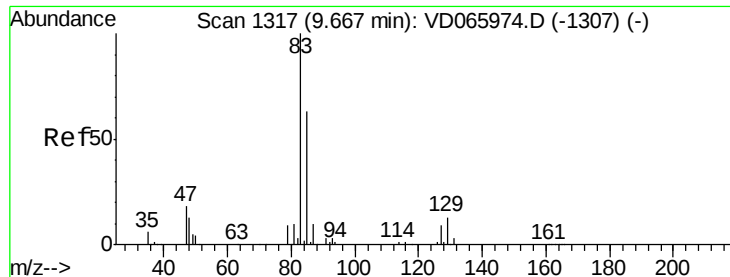
Tot Ion: 63 Resp: 101965
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.0 36.0



#46
 Dibromomethane
 Concen: 56.000 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 93 Resp: 59548
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.2 99.4
 174 120.4 91.5 137.3





#47

Bromodichloromethane

Concen: 55.293 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

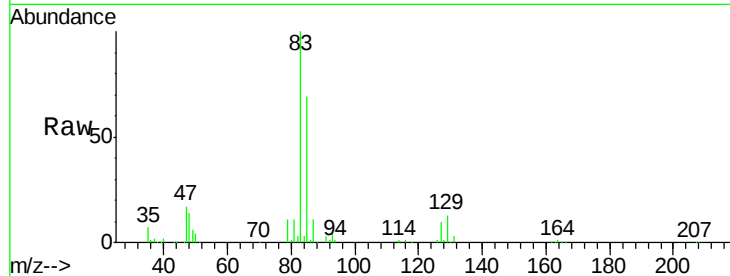
Tot Ion: 83 Resp: 155462

Ion Ratio Lower Upper

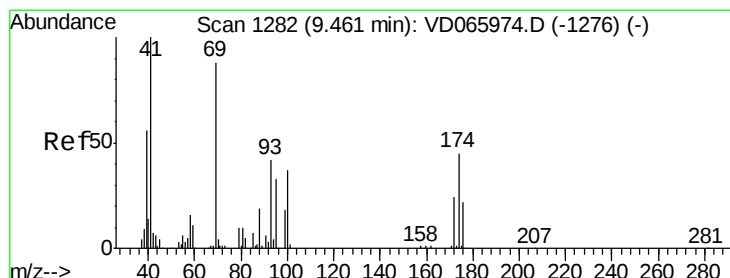
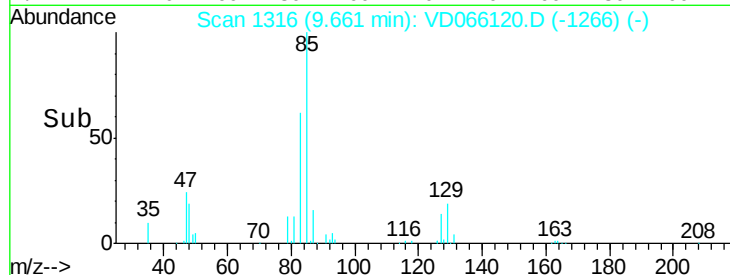
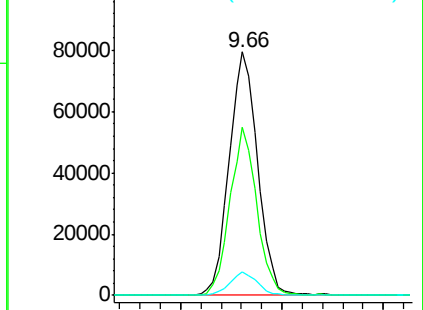
83 100

85 69.3 50.6 75.8

127 9.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.116 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

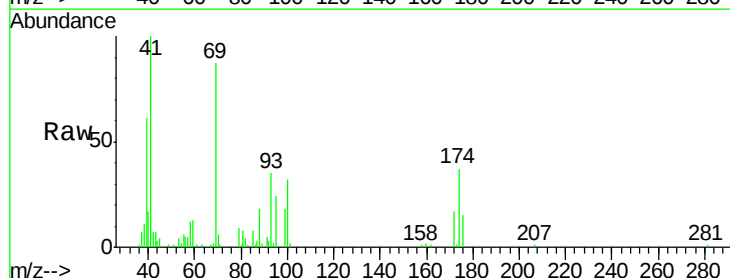
Tgt Ion: 41 Resp: 57164

Ion Ratio Lower Upper

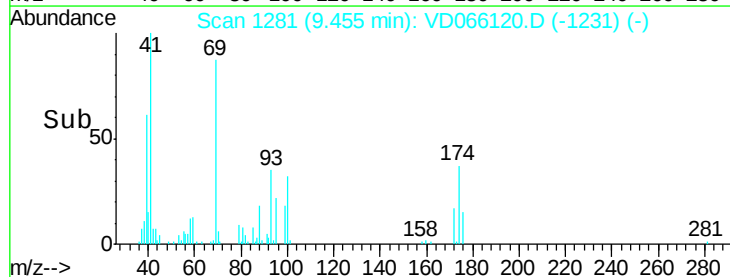
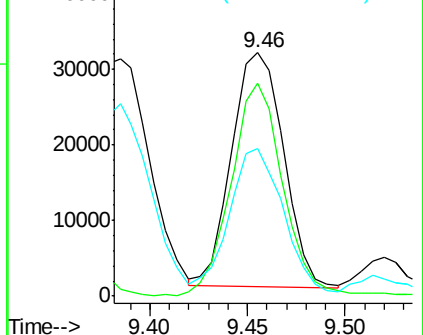
41 100

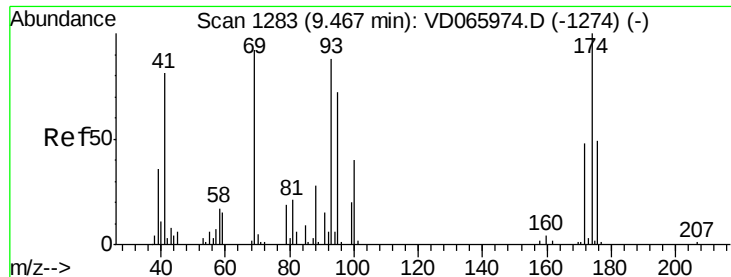
69 91.8 65.1 97.7

39 66.3 41.5 62.3#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

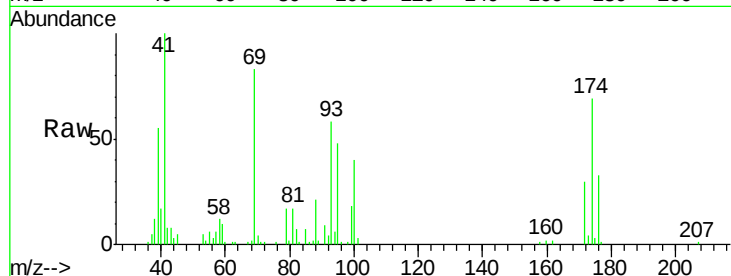




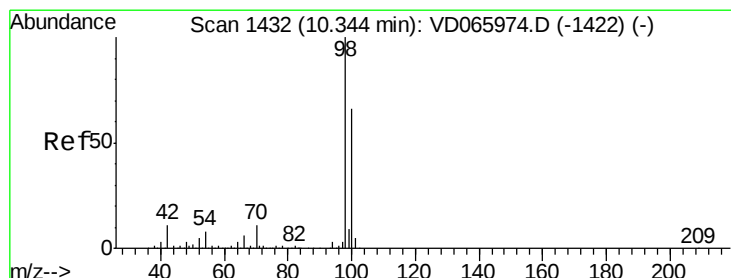
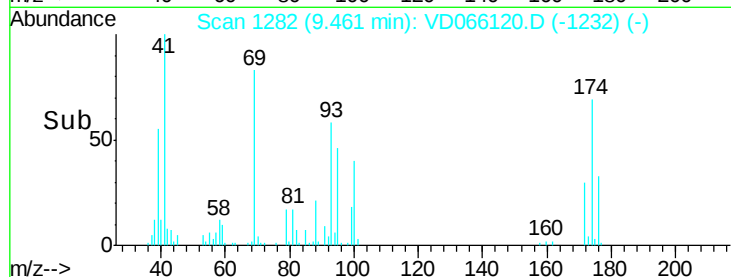
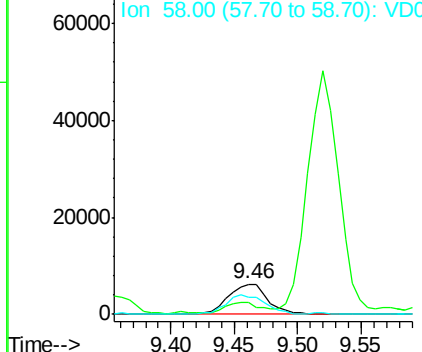
#49
 1,4-Dioxane
 Concen: 1101.994 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 13576
 Ion Ratio Lower Upper
 88 100
 43 29.4 29.0 43.6
 58 66.3 57.0 85.4

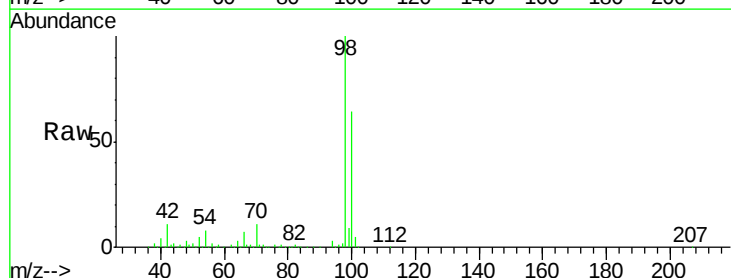


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

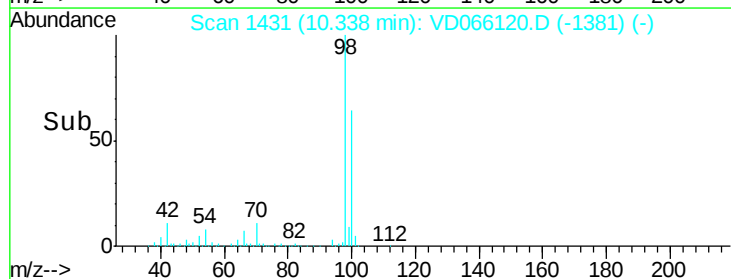
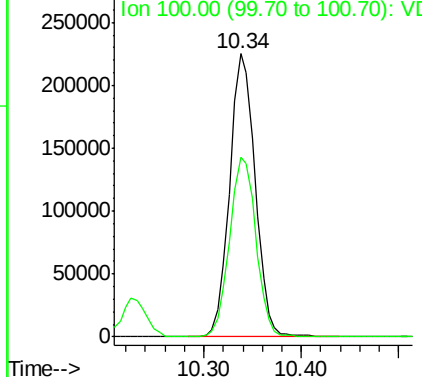


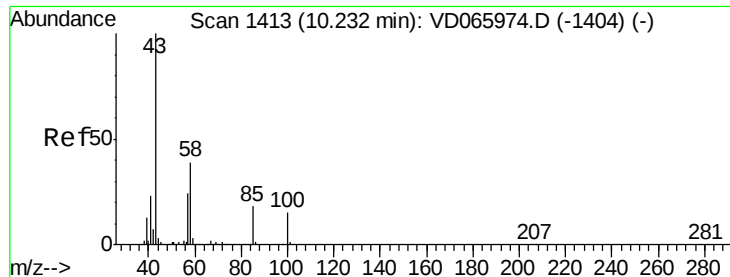
#50
 Toluene-d8
 Concen: 52.963 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 98 Resp: 408766
 Ion Ratio Lower Upper
 98 100
 100 65.8 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: 273.976 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

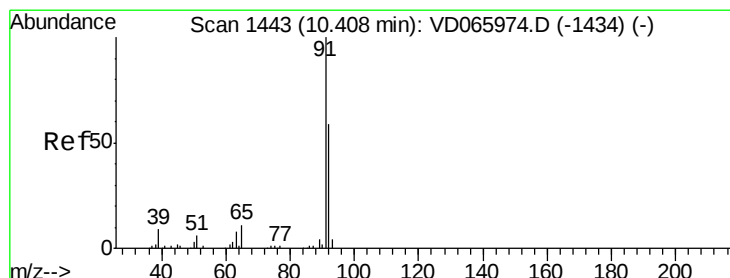
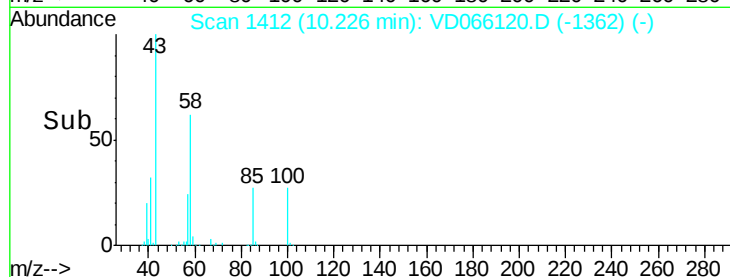
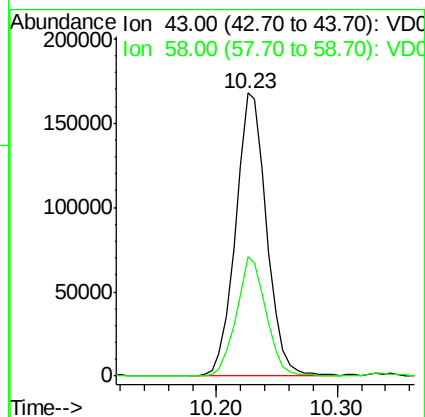
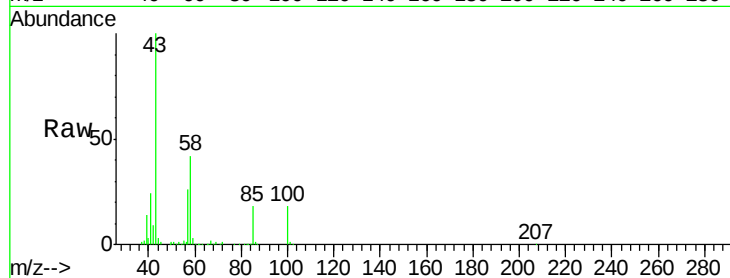
VSTDCCC050EC

Tot Ion: 43 Resp: 300175

Ion Ratio Lower Upper

43 100

58 40.3 31.3 46.9



#52

Toluene

Concen: 52.658 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD066120.D

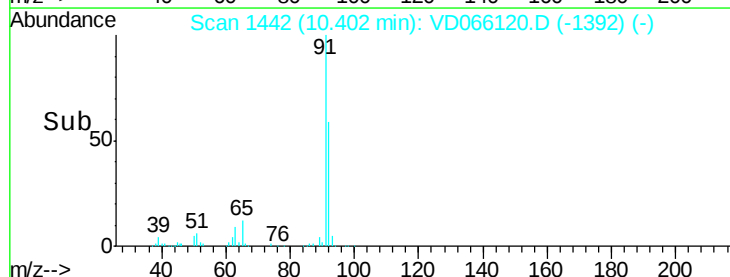
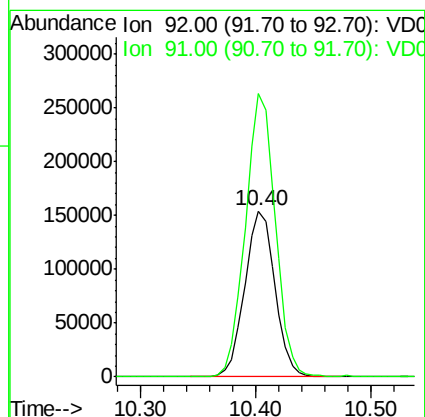
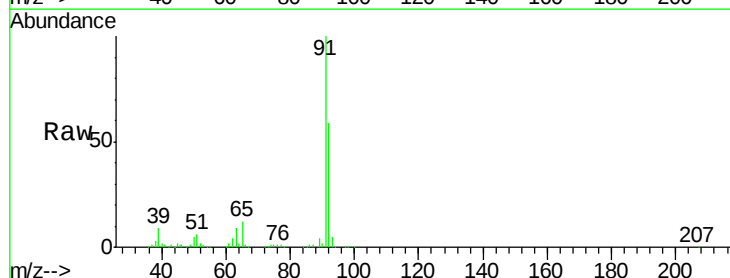
Acq: 30 Jul 2020 19:15

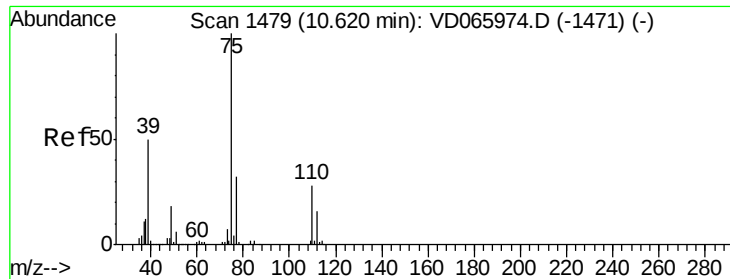
Tgt Ion: 92 Resp: 280072

Ion Ratio Lower Upper

92 100

91 169.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 56.378 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

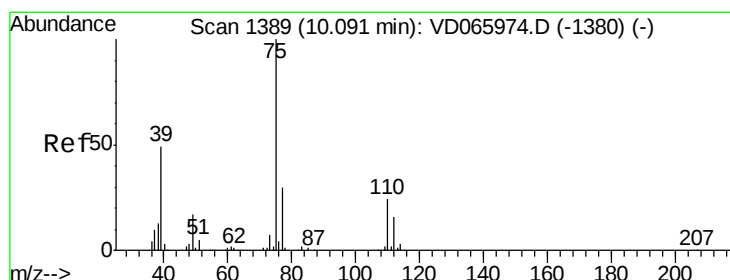
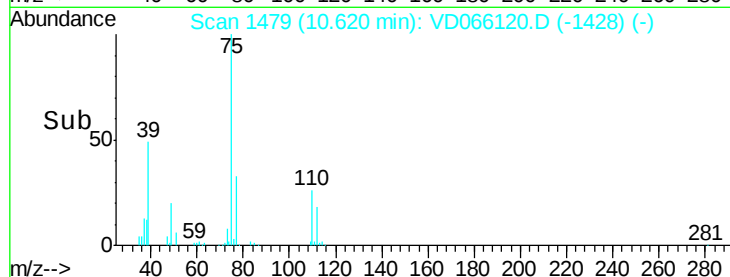
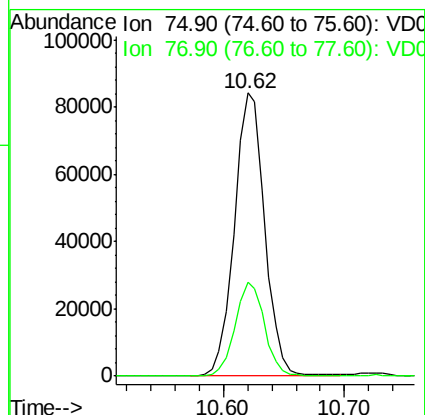
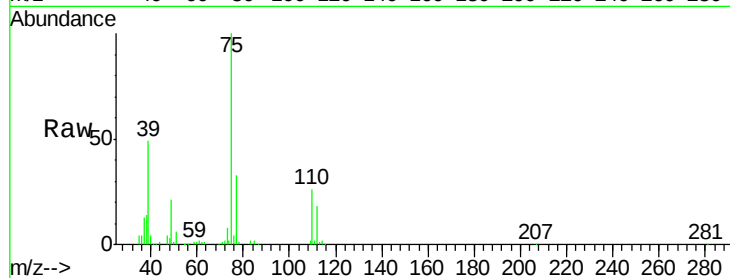
VSTDCCC050EC

Tot Ion: 75 Resp: 147677

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 54.361 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

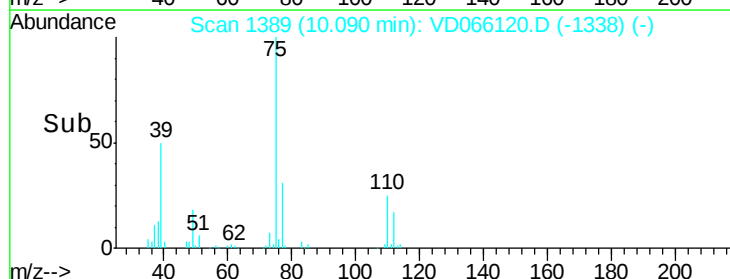
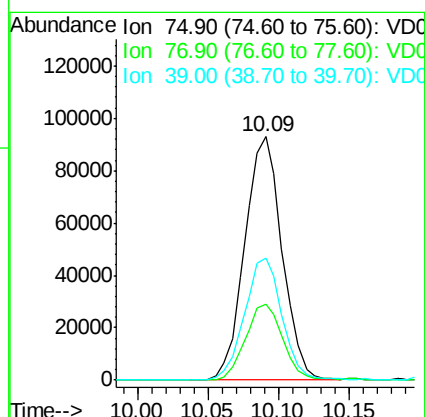
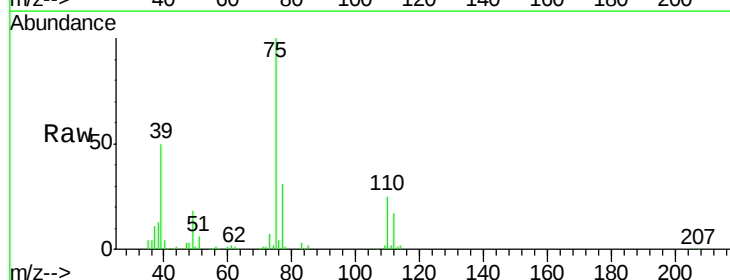
Tgt Ion: 75 Resp: 172607

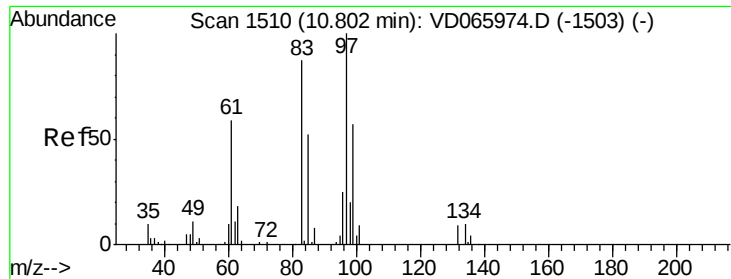
Ion Ratio Lower Upper

75 100

77 31.4 23.8 35.8

39 50.2 38.8 58.2

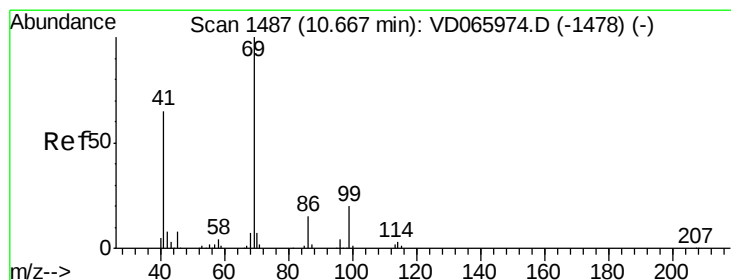
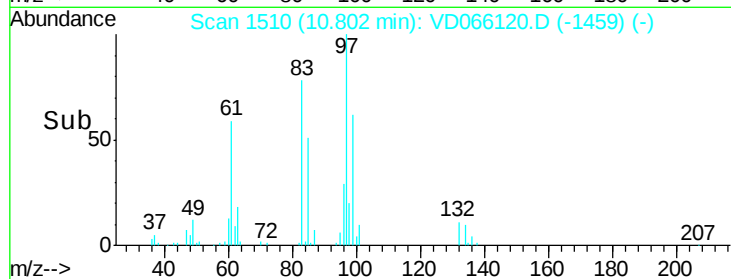
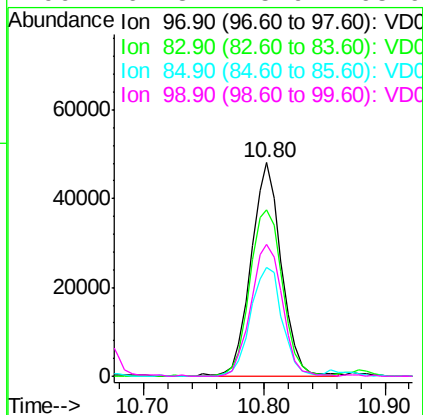
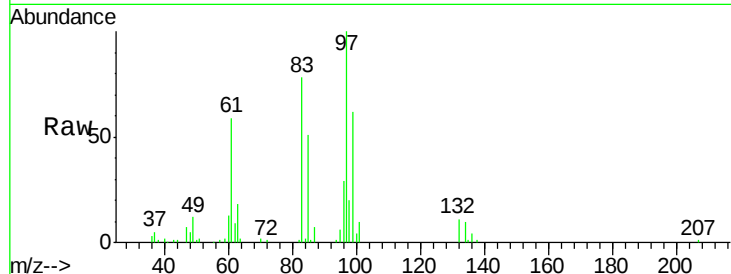




#55
 1,1,2-Trichloroethane
 Concen: 56.048 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

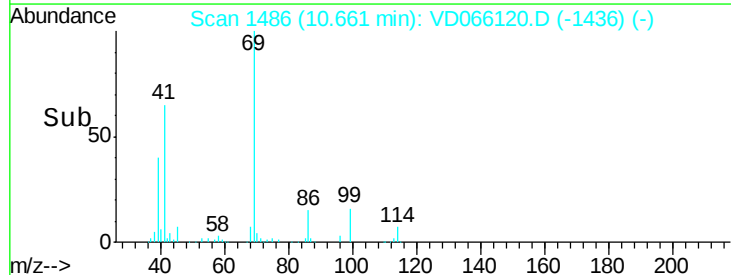
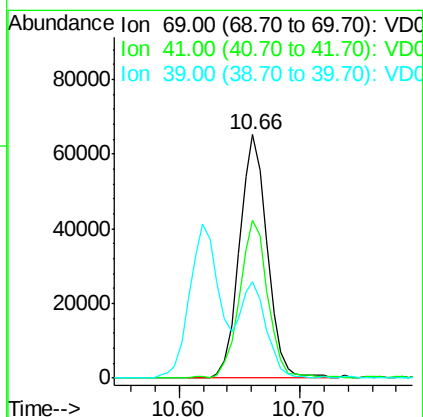
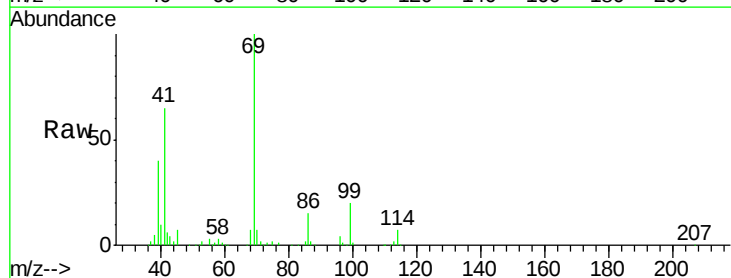
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

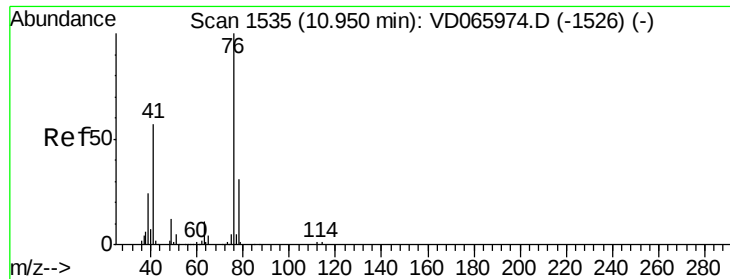
Tot Ion:	97	Resp:	84526
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.7	104.5
85	51.0	41.6	62.4
99	61.8	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 59.819 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion:	69	Resp:	104887
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.3	78.5
39	37.6	25.2	37.8

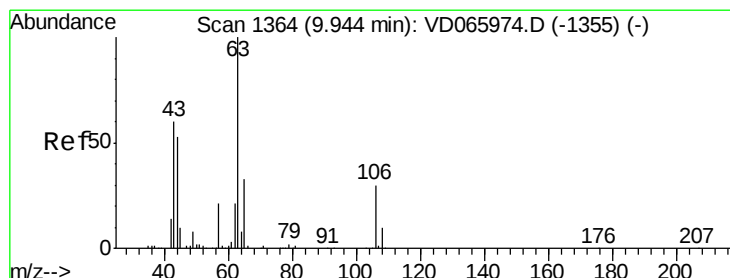
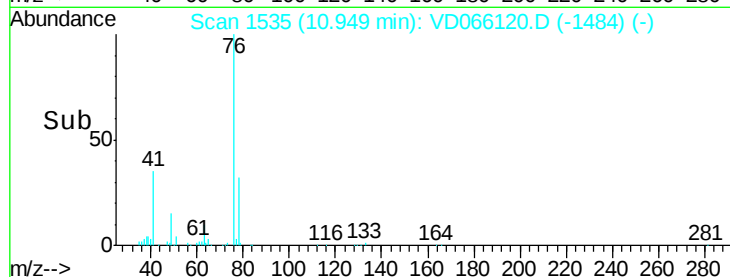
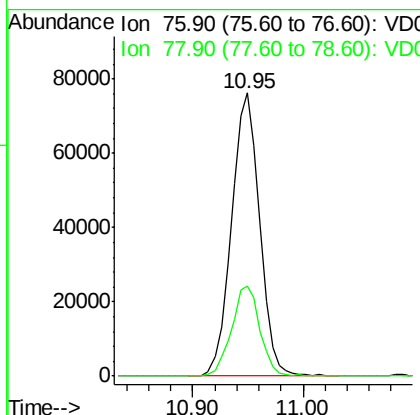
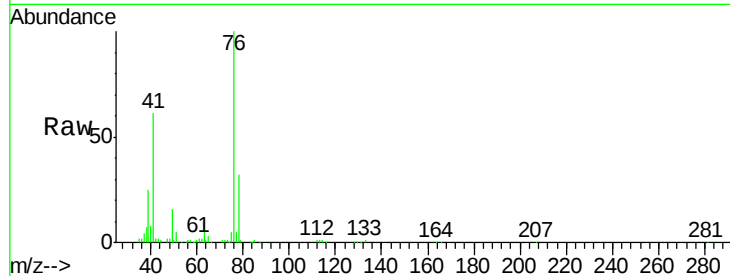




#57
 1,3-Dichloropropane
 Concen: 54.581 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

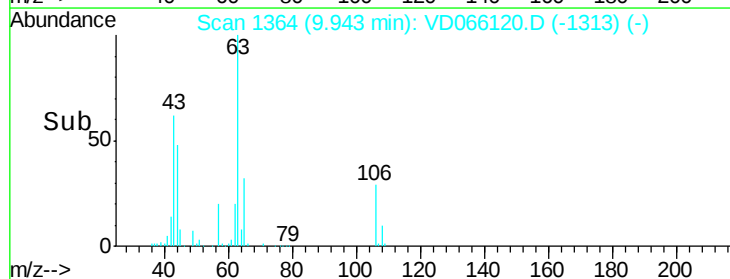
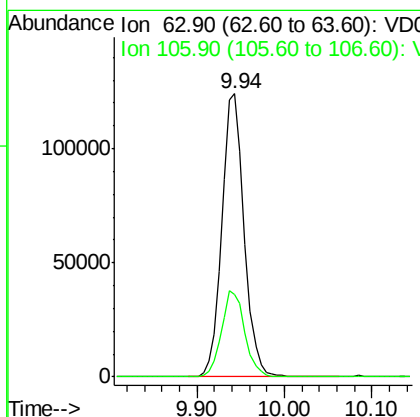
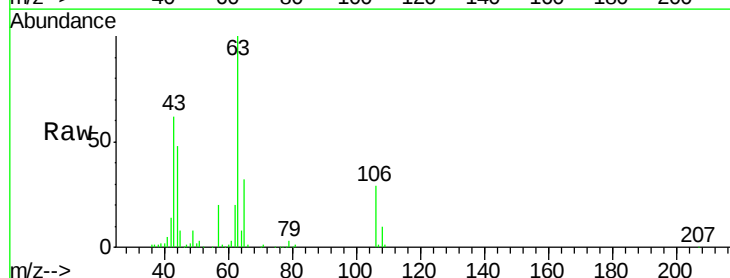
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

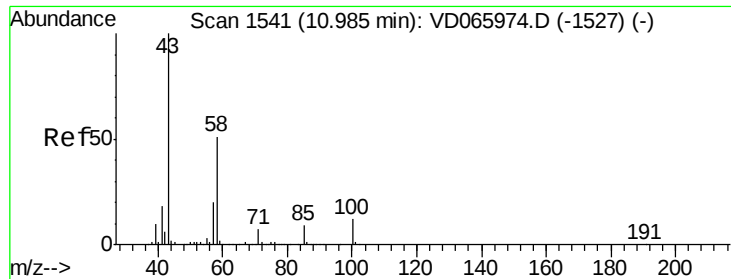
Tot Ion: 76 Resp: 136267
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.952 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 63 Resp: 217737
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.4 36.6

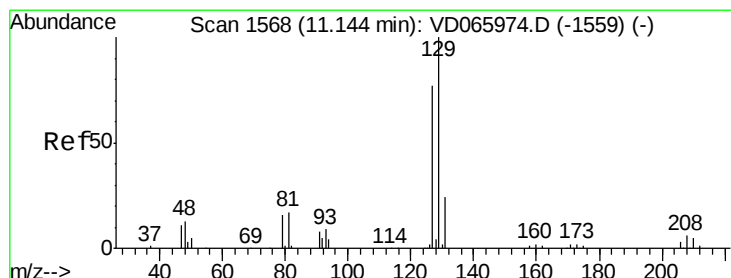
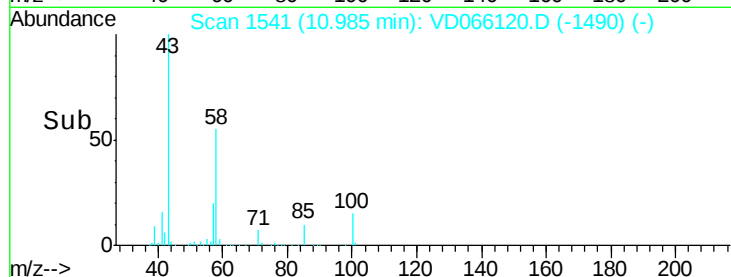
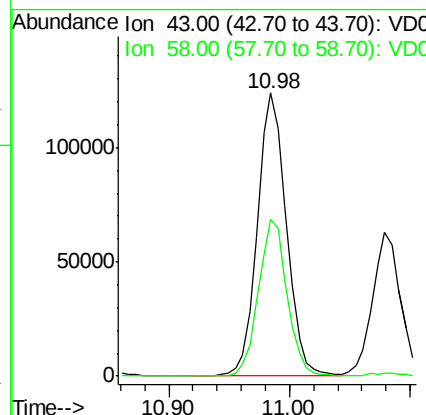
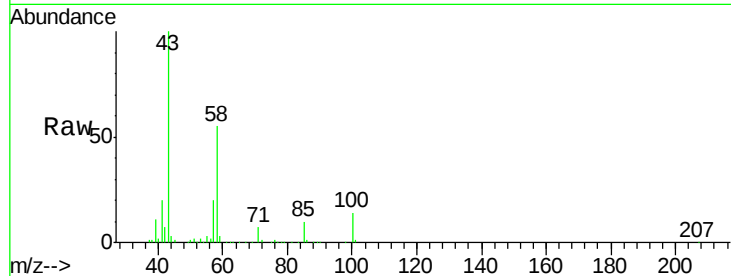




#59
2-Hexanone
Concen: 273.247 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

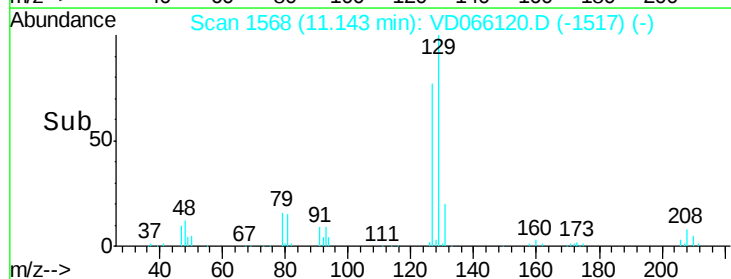
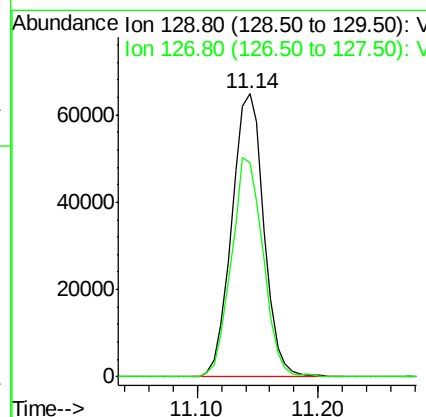
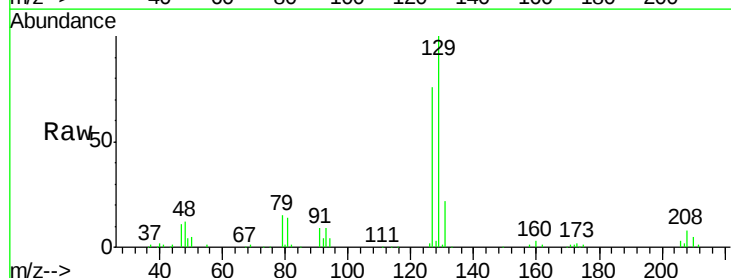
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

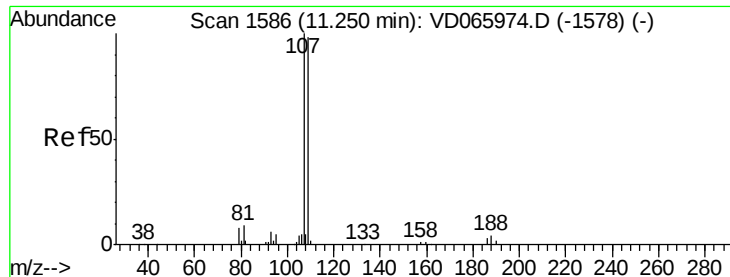
Tot Ion: 43 Resp: 207464
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.6



#60
Dibromochloromethane
Concen: 58.907 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 129 Resp: 119781
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

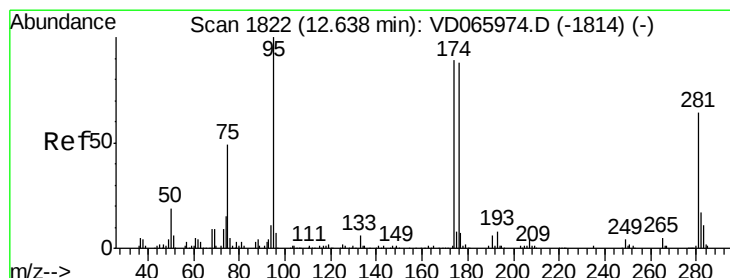
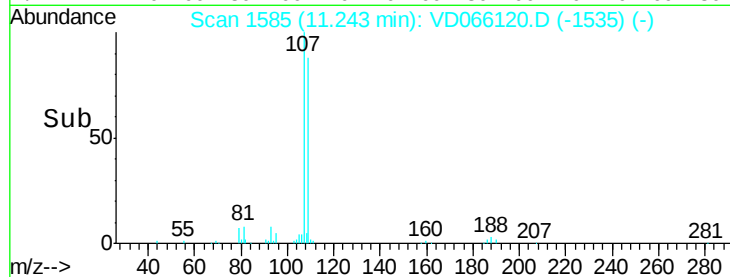
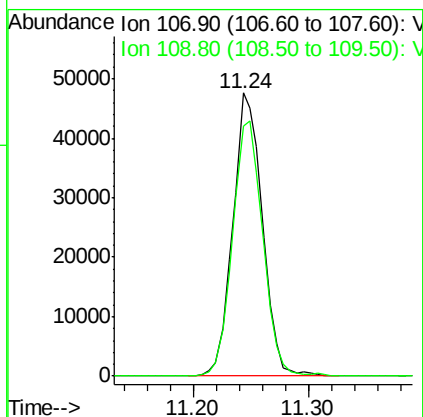
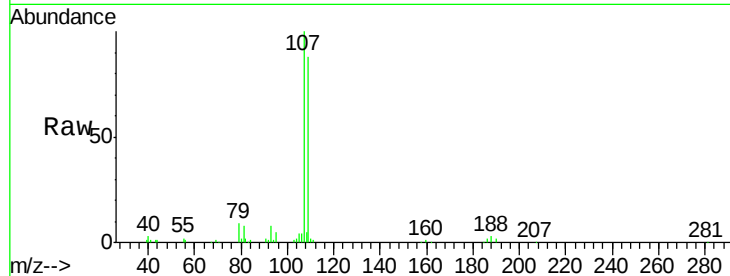




#61
 1,2-Dibromoethane
 Concen: 57.842 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

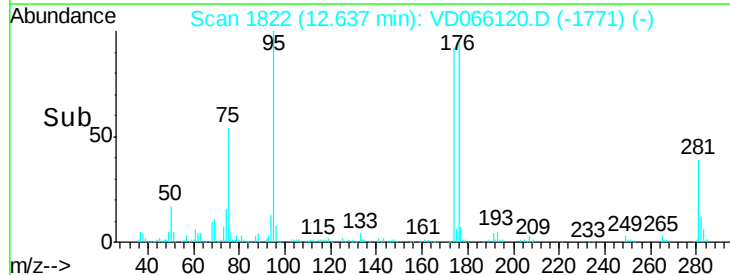
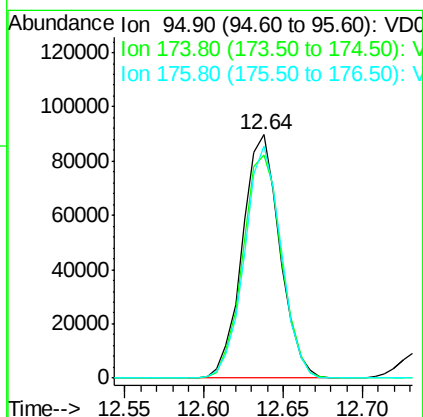
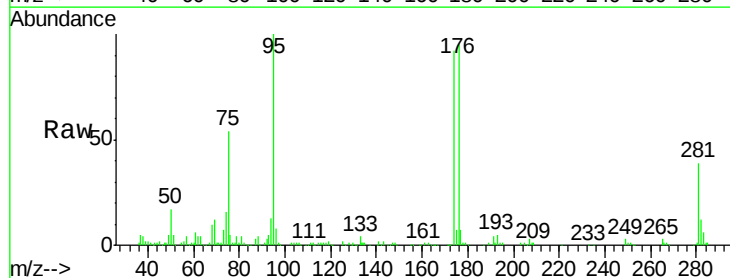
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

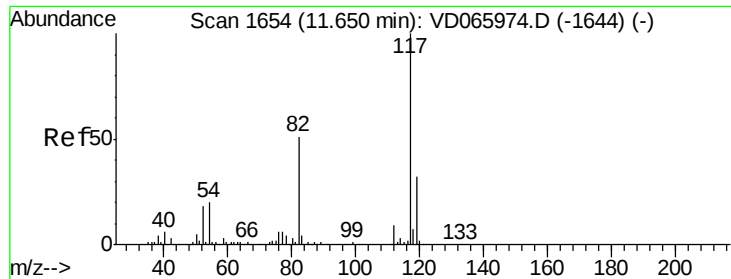
Tot Ion: 107 Resp: 84107
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 55.225 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 95 Resp: 147788
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 178.8
 176 92.9 0.0 172.6

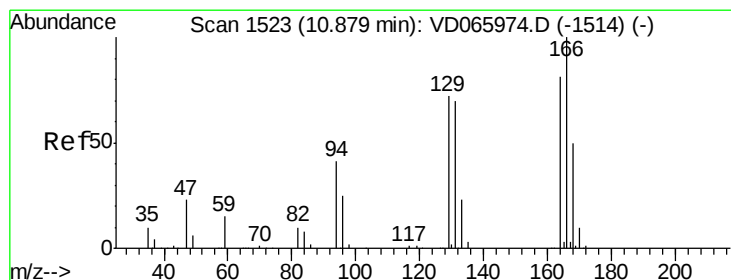
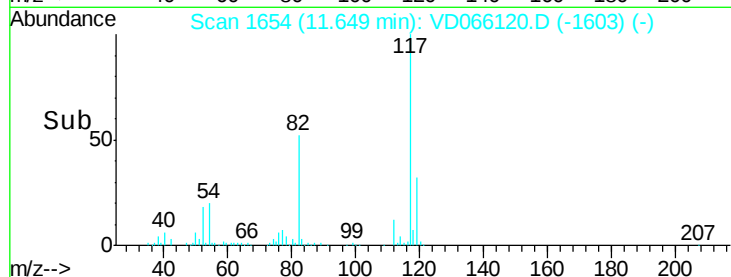
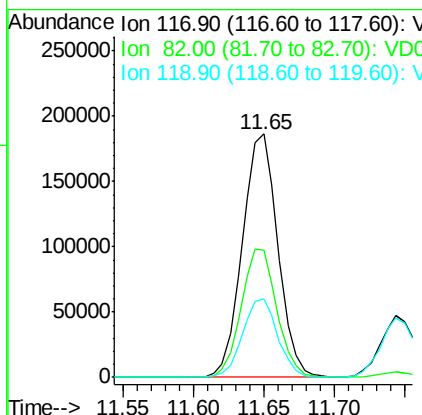
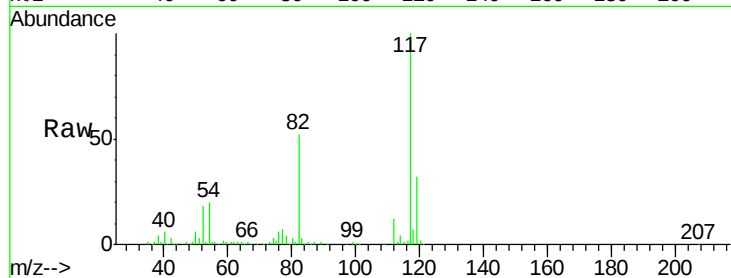




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

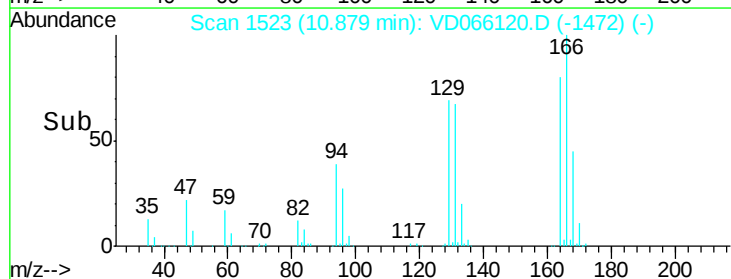
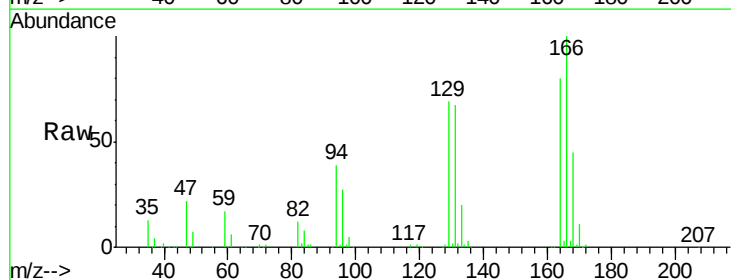
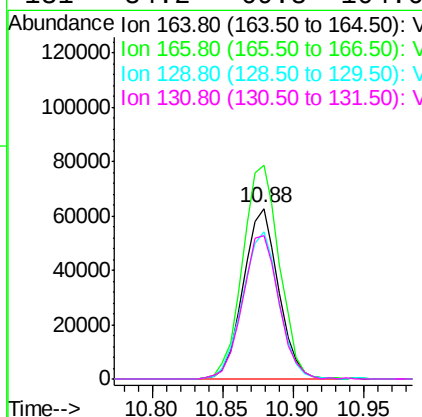
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

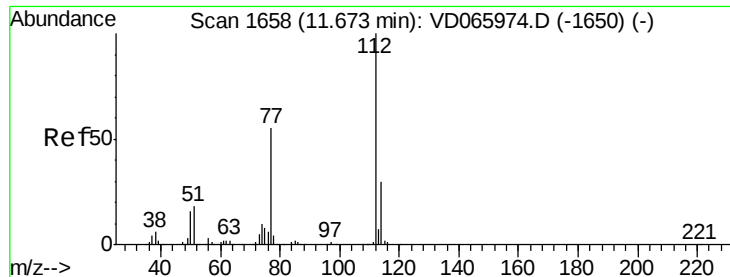
Tot Ion:117 Resp: 328628
Ion Ratio Lower Upper
117 100
82 52.2 41.1 61.7
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 49.324 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion:164 Resp: 110019
Ion Ratio Lower Upper
164 100
166 125.3 99.1 148.7
129 86.2 71.5 107.3
131 84.2 69.8 104.6

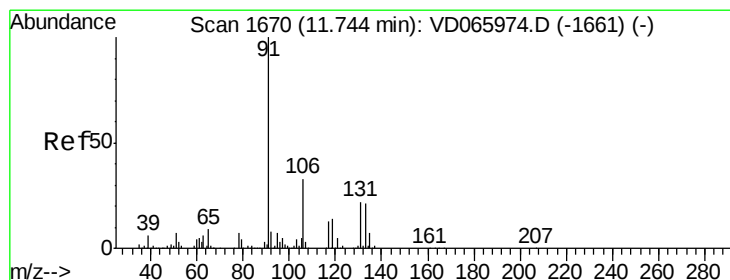
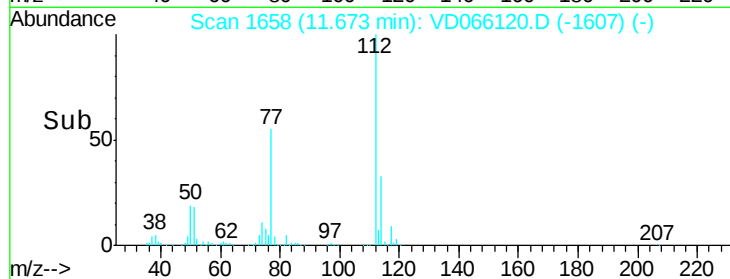
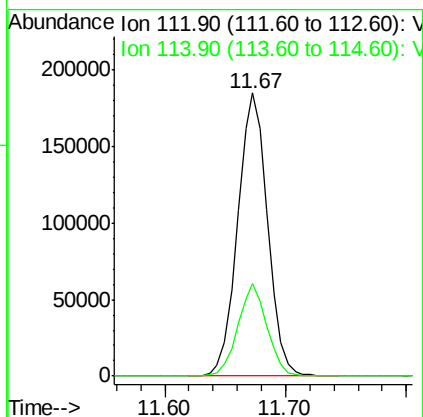
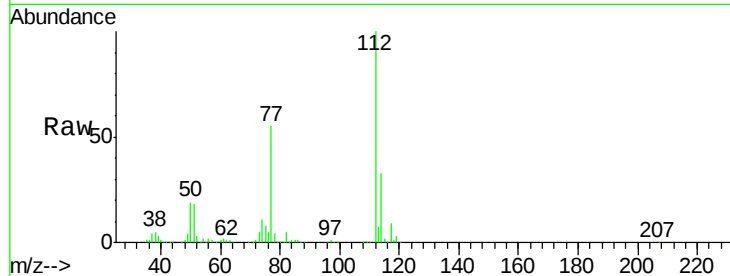




#65
Chlorobenzene
Concen: 52.819 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

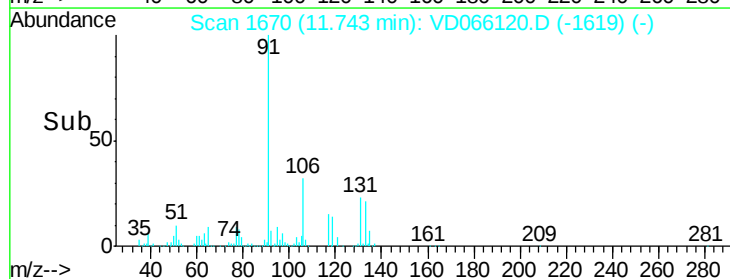
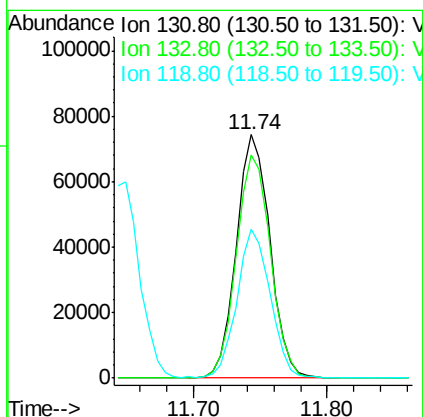
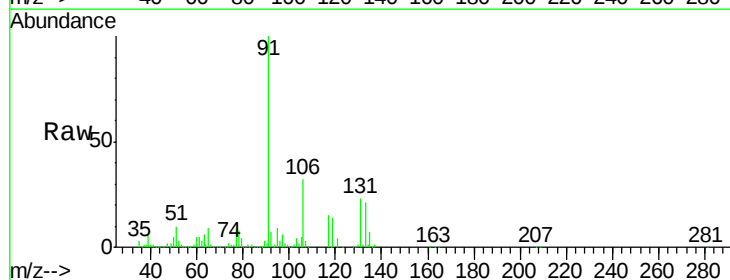
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

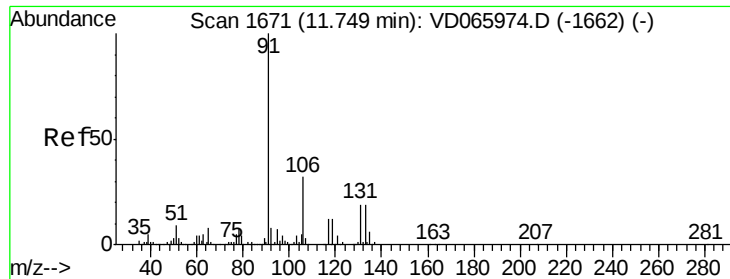
Tot Ion:112 Resp: 317813
Ion Ratio Lower Upper
112 100
114 32.8 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.234 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion:131 Resp: 129380
Ion Ratio Lower Upper
131 100
133 93.6 47.3 142.0
119 60.7 31.7 95.1





#67

Ethyl Benzene

Concen: 52.128 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

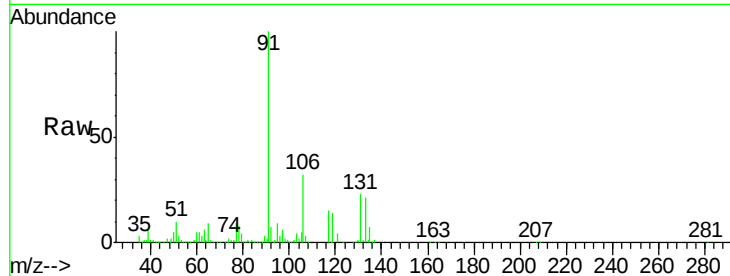
VSTDCCC050EC

Tot Ion: 91 Resp: 539773

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

200000

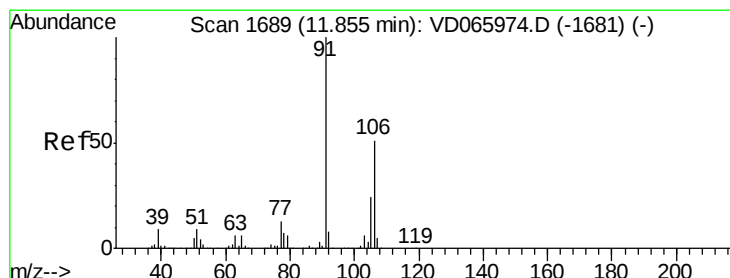
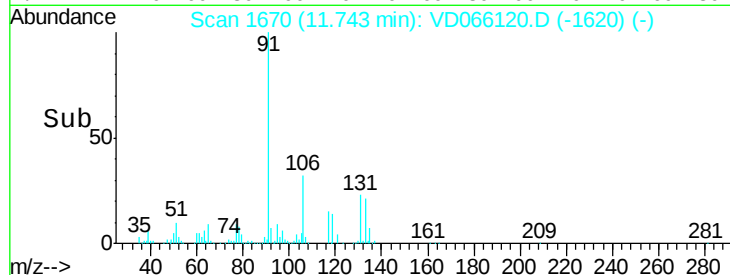
100000

0

11.74

11.80

Time-->



#68

m/p-Xylenes

Concen: 105.146 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066120.D

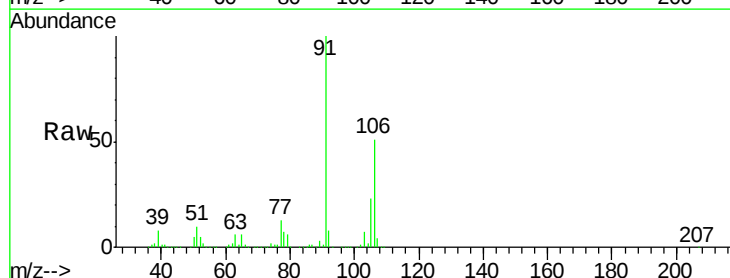
Acq: 30 Jul 2020 19:15

Tgt Ion: 106 Resp: 418475

Ion Ratio Lower Upper

106 100

91 201.3 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

300000

200000

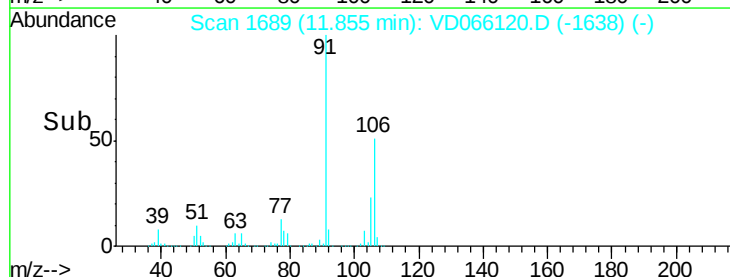
100000

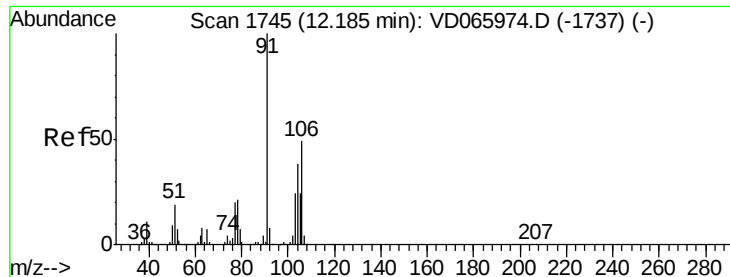
0

11.86

11.90

Time-->

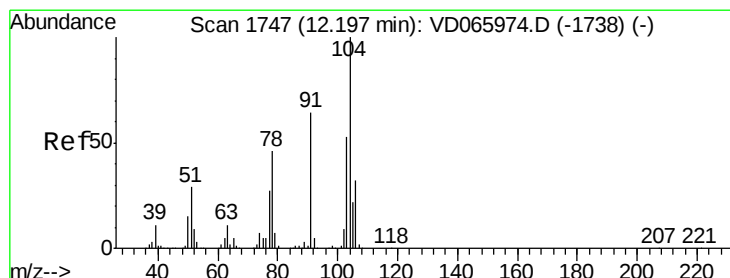
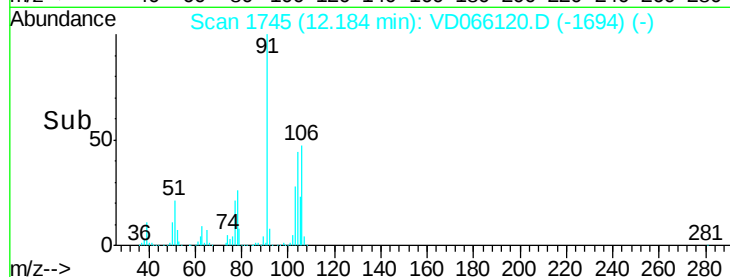
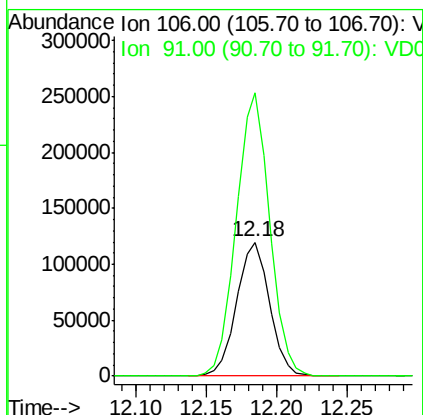
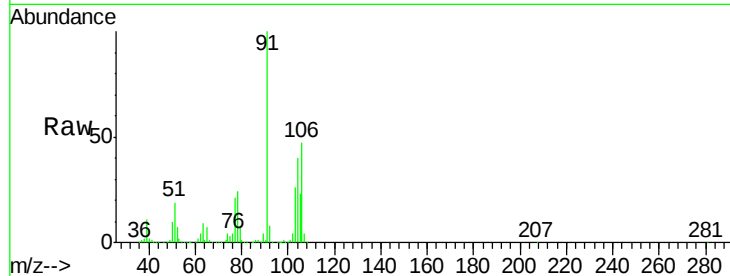




#69
o-Xylene
Concen: 53.778 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

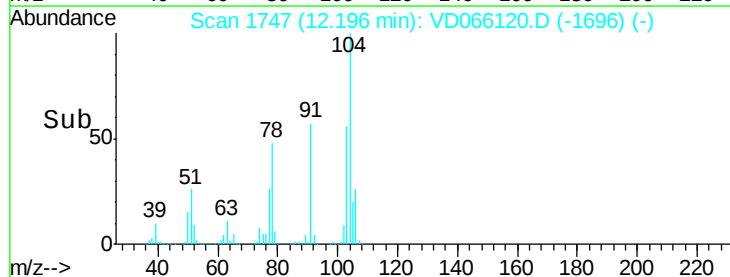
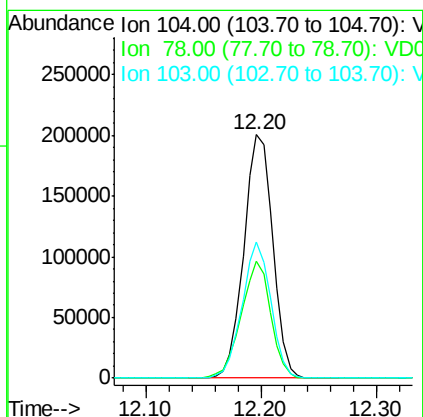
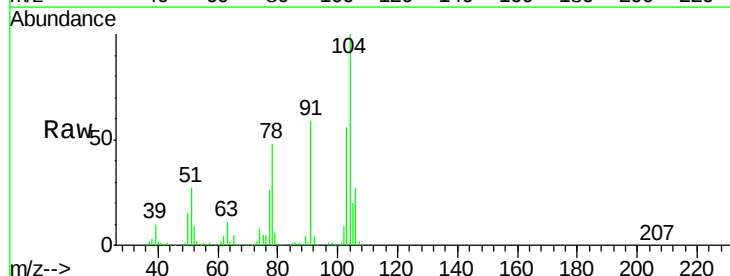
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

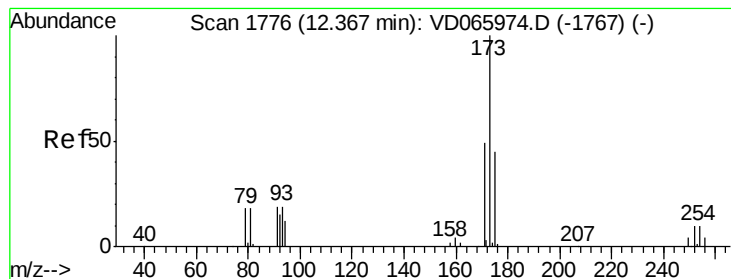
Tot Ion:106 Resp: 194669
Ion Ratio Lower Upper
106 100
91 214.5 103.1 309.3



#70
Styrene
Concen: 56.281 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion:104 Resp: 350046
Ion Ratio Lower Upper
104 100
78 48.8 38.3 57.5
103 55.7 43.8 65.8





#71

Bromoform

Concen: 57.488 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

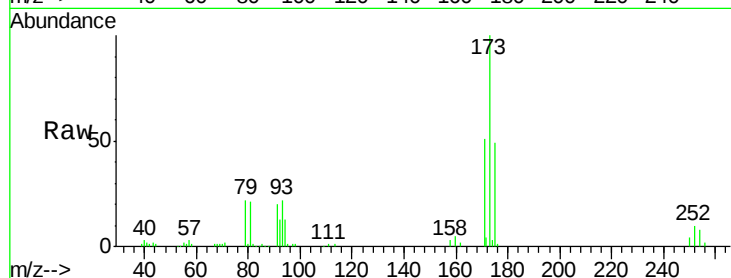
Tot Ion:173 Resp: 74815

Ion Ratio Lower Upper

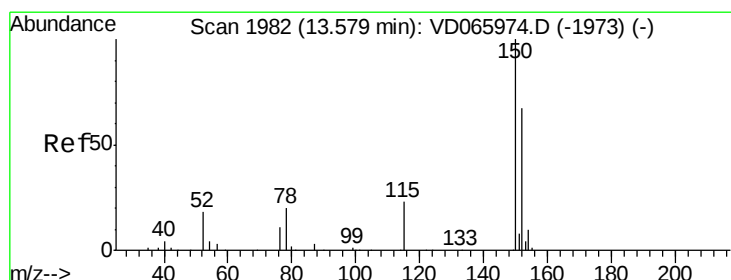
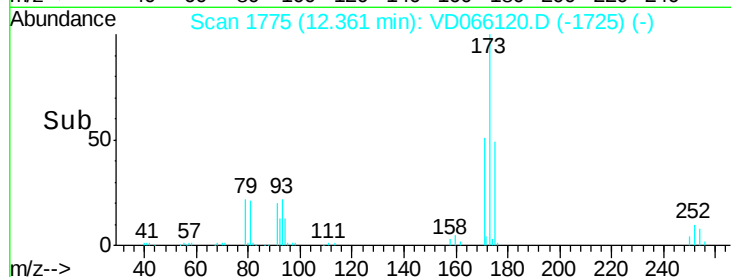
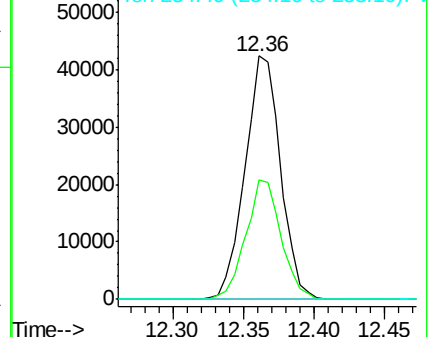
173 100

175 48.6 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

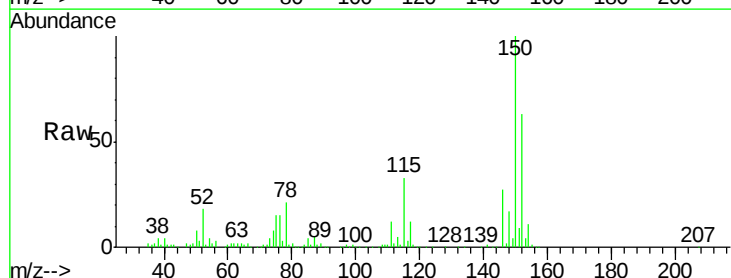
Tgt Ion:152 Resp: 179077

Ion Ratio Lower Upper

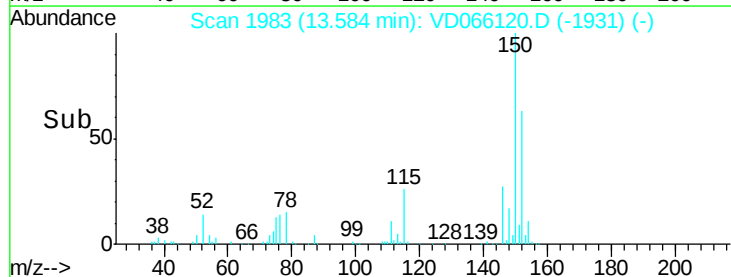
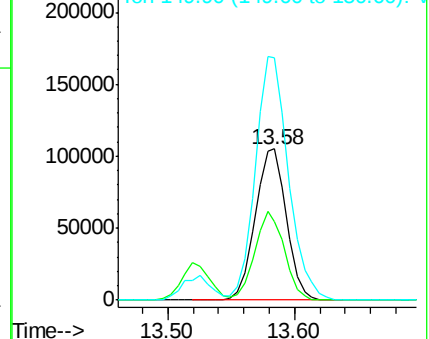
152 100

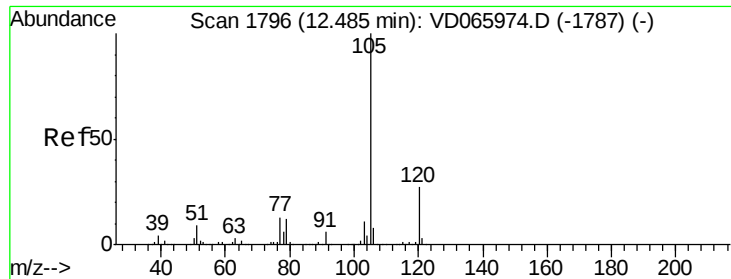
115 55.8 27.9 83.7

150 171.1 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

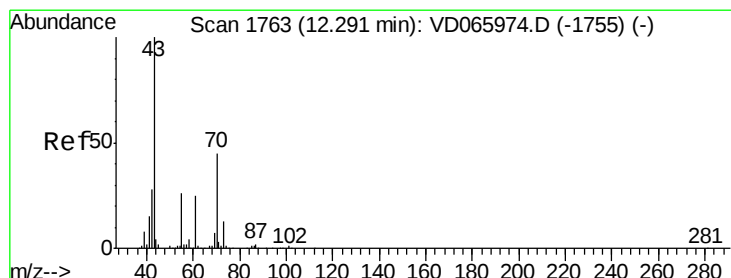
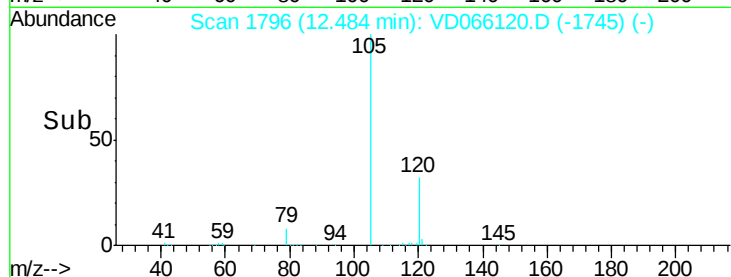
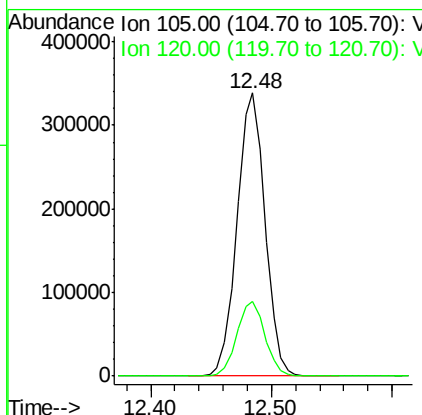
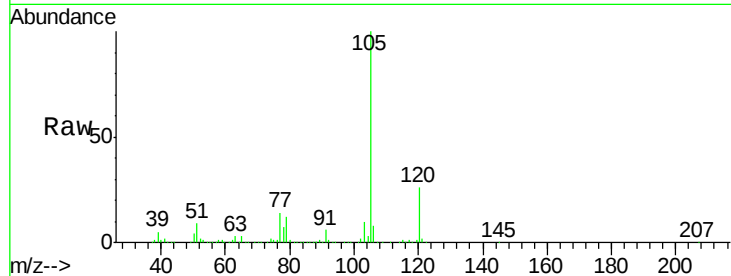




#73
Isopropylbenzene
Concen: 50.535 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

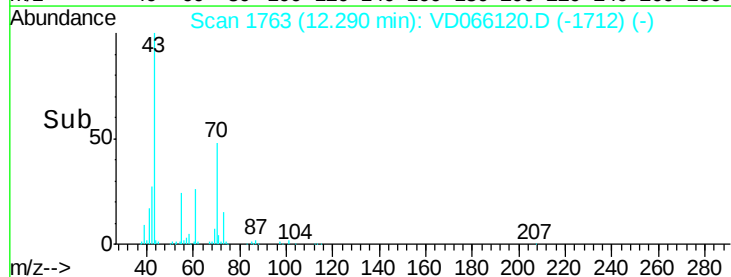
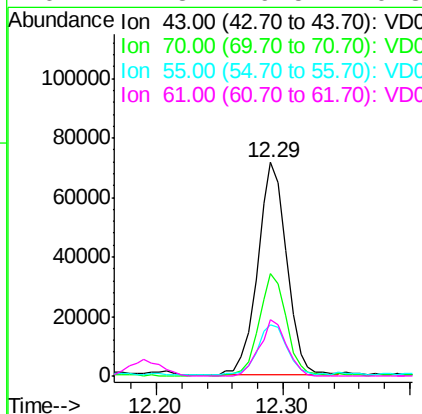
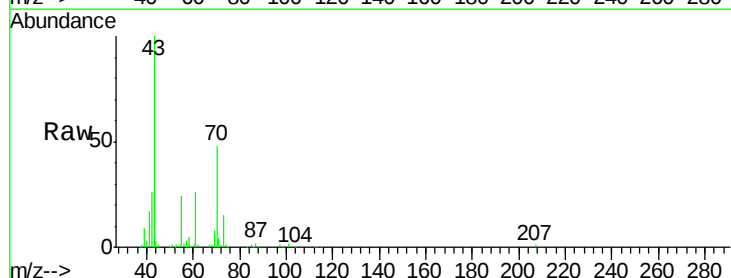
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

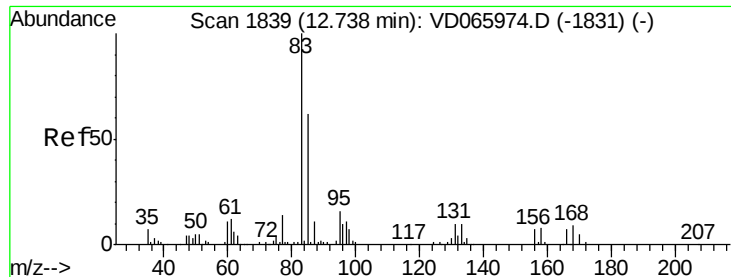
Tot Ion:105 Resp: 547598
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.8



#74
N-ethyl acetate
Concen: 50.798 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 43 Resp: 114129
Ion Ratio Lower Upper
43 100
70 45.8 34.6 51.8
55 23.9 20.3 30.5
61 24.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.092 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

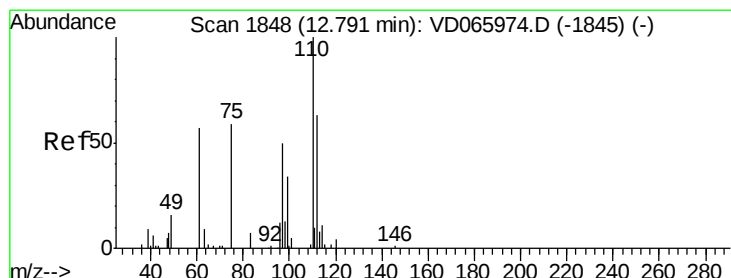
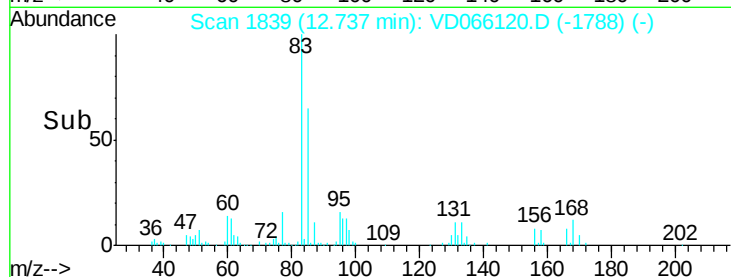
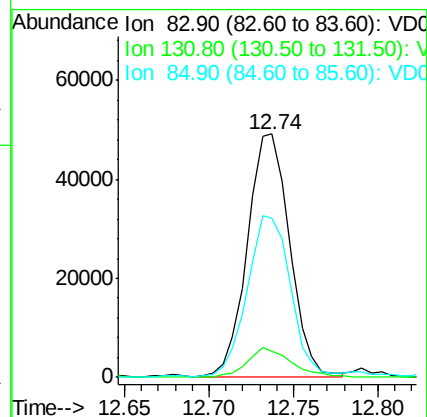
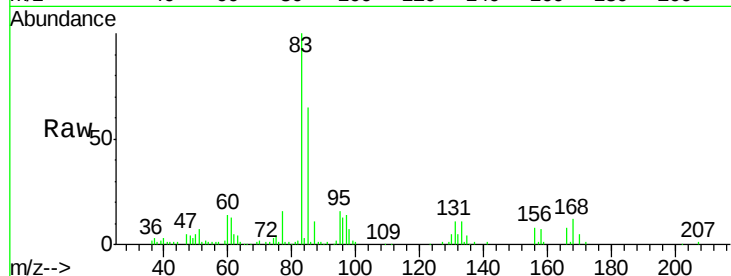
Tot Ion: 83 Resp: 86122

Ion Ratio Lower Upper

83 100

131 12.7 5.7 17.1

85 67.0 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 88.661 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD066120.D

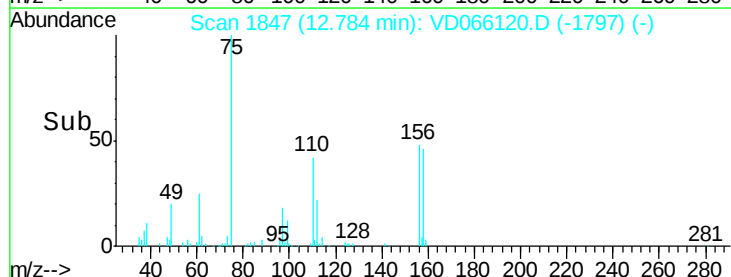
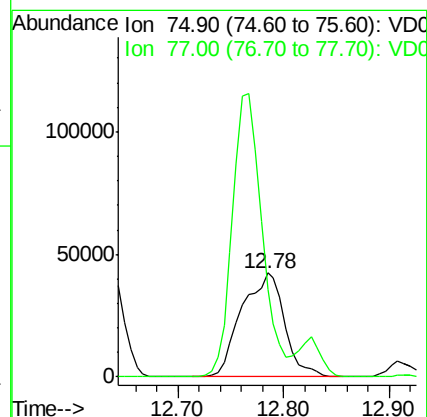
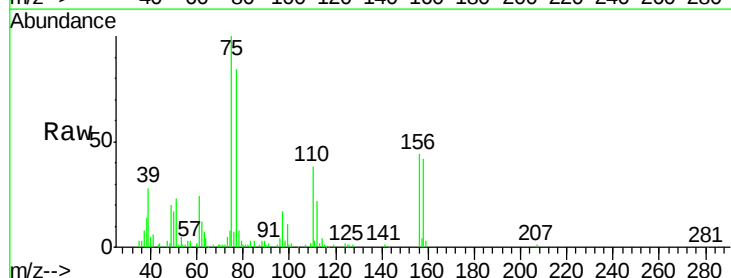
Acq: 30 Jul 2020 19:15

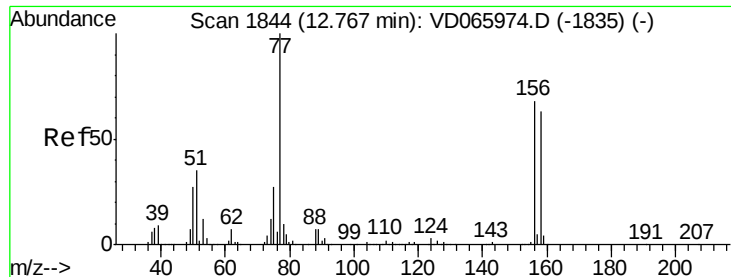
Tgt Ion: 75 Resp: 119547

Ion Ratio Lower Upper

75 100

77 187.3 0.0 0.0#





#77

Bromobenzene

Concen: 50.667 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

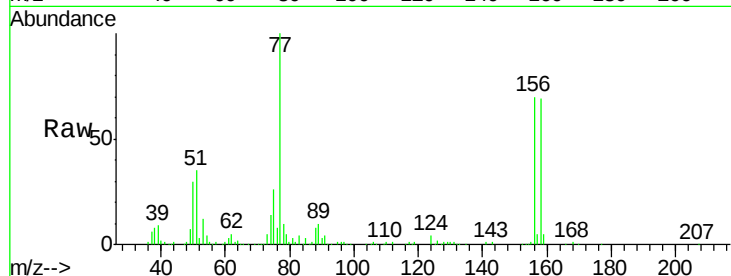
Tot Ion:156 Resp: 140310

Ion Ratio Lower Upper

156 100

77 159.6 83.0 249.0

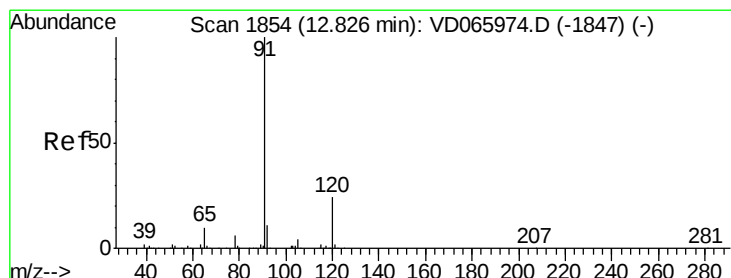
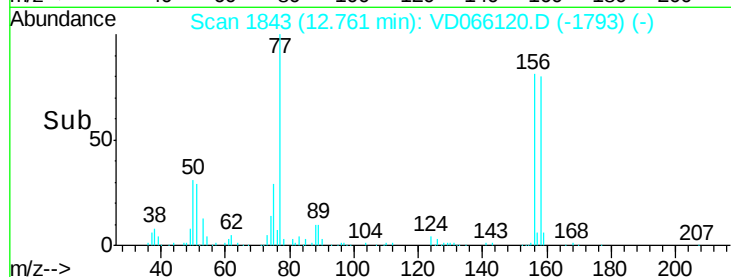
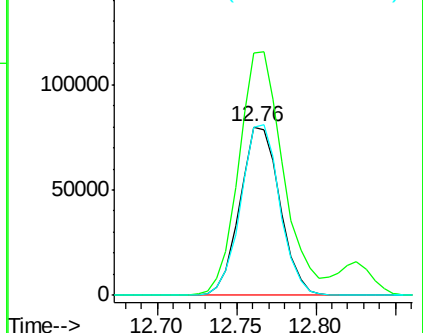
158 98.4 48.2 144.6



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



#78

n-propylbenzene

Concen: 49.822 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066120.D

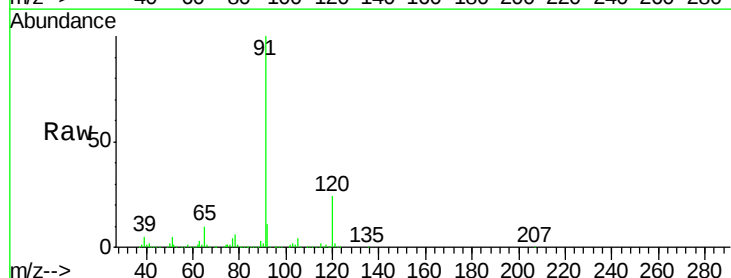
Acq: 30 Jul 2020 19:15

Tgt Ion: 91 Resp: 626462

Ion Ratio Lower Upper

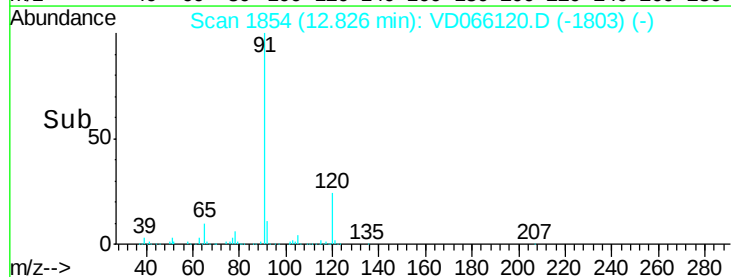
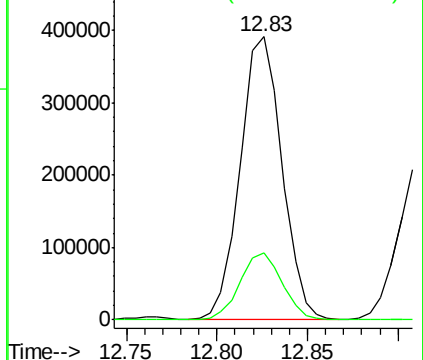
91 100

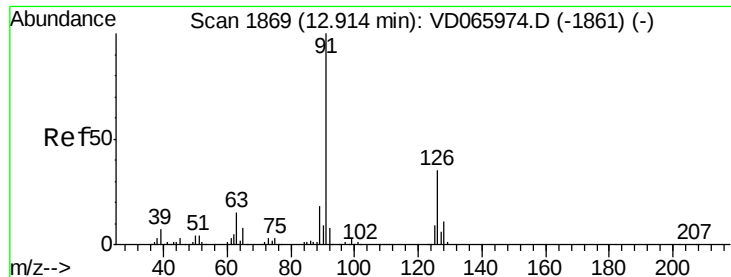
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.100 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

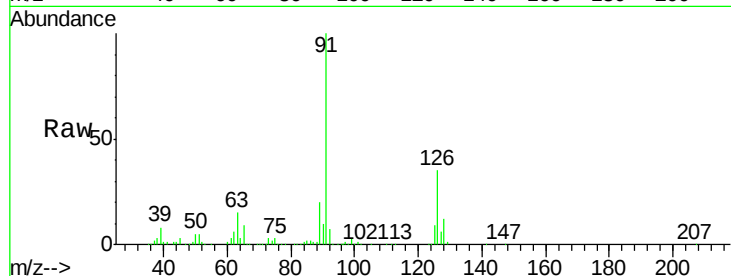
VSTDCCC050EC

Tot Ion: 91 Resp: 359901

Ion Ratio Lower Upper

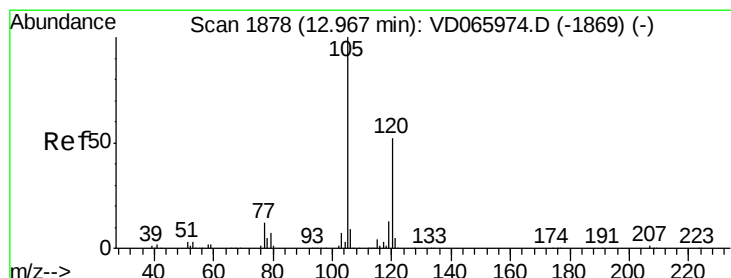
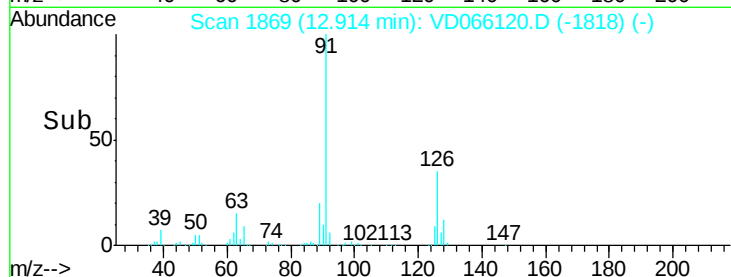
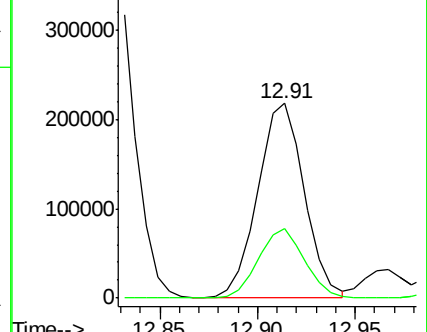
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066120.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD066120.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.813 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066120.D

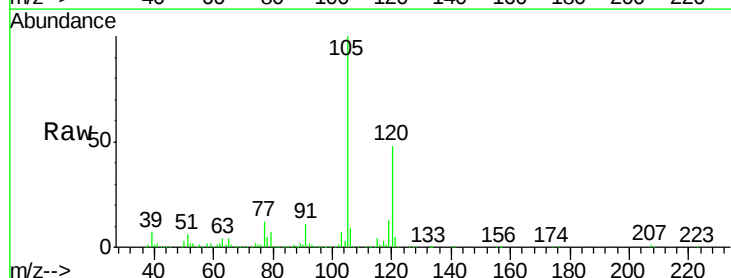
Acq: 30 Jul 2020 19:15

Tgt Ion: 105 Resp: 461274

Ion Ratio Lower Upper

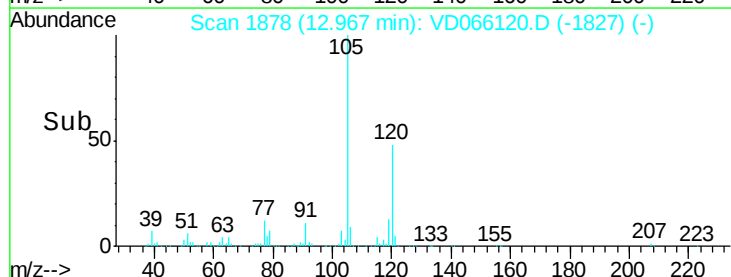
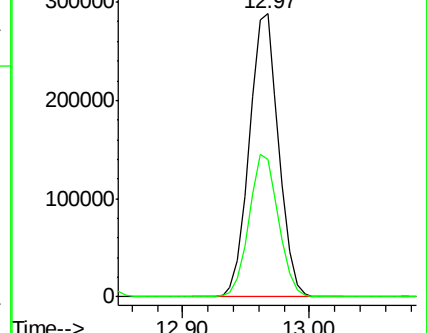
105 100

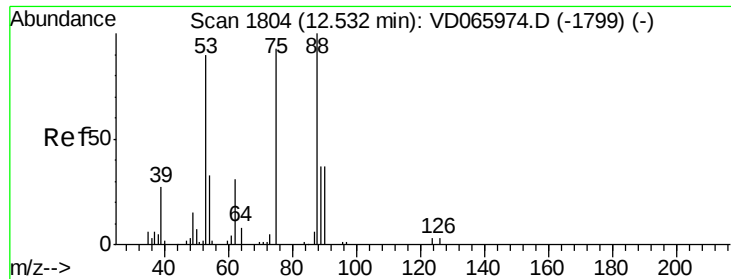
120 50.5 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066120.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD066120.D (-1827) (-)

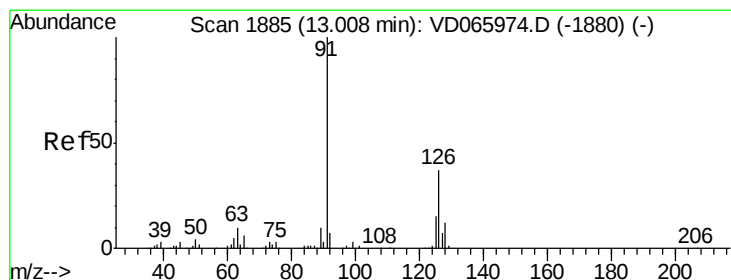
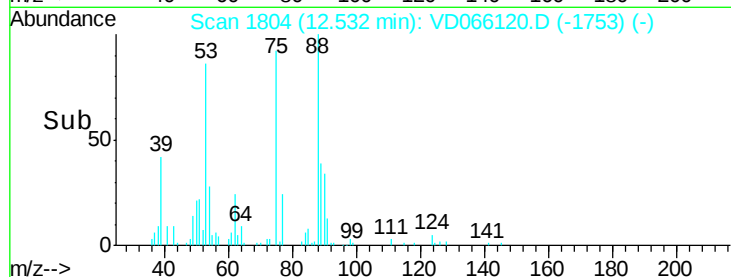
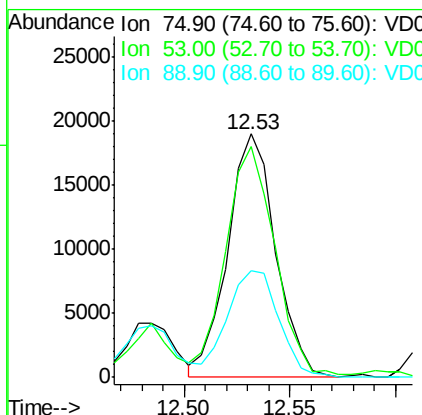
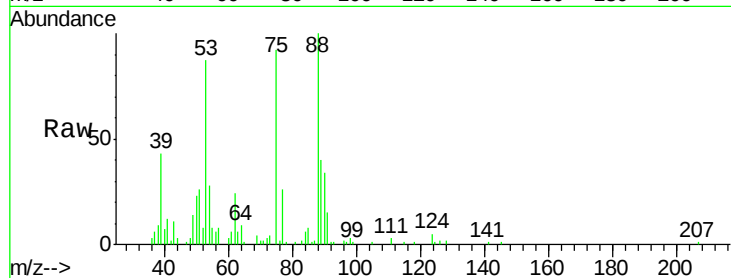




#81
trans-1,4-Dichloro-2-butene
Concen: 50.775 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

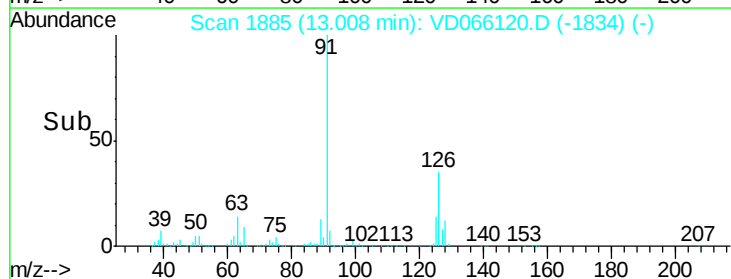
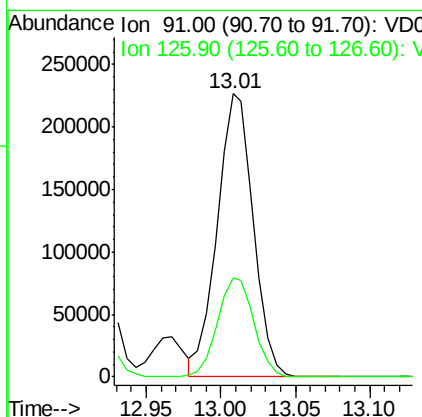
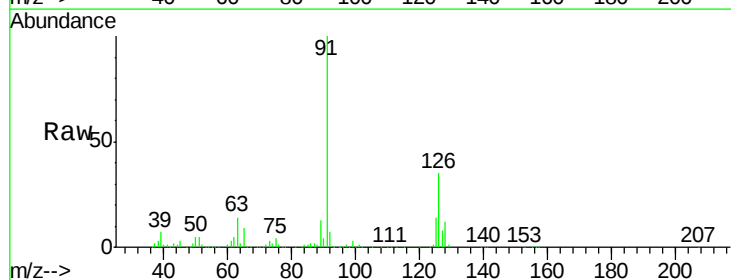
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

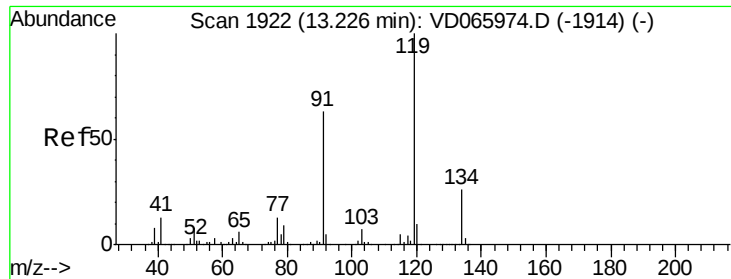
Tot Ion: 75 Resp: 29836
Ion Ratio Lower Upper
75 100
53 98.1 76.8 115.2
89 46.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.212 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 91 Resp: 380727
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5

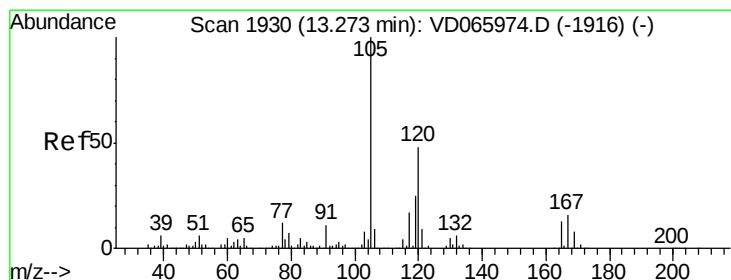
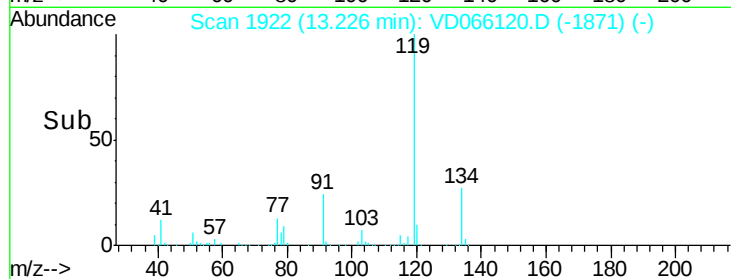
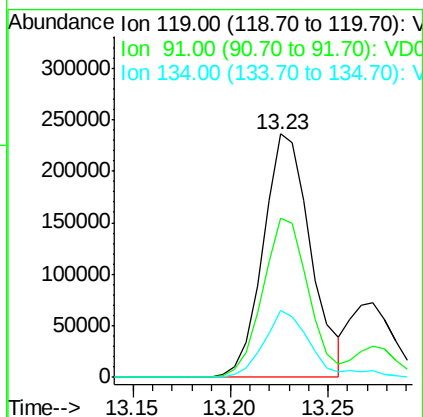
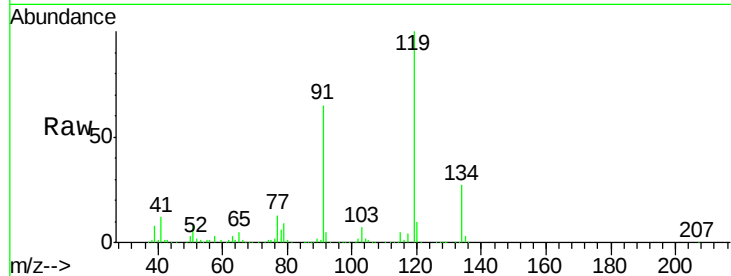




#83
 tert-Butylbenzene
 Concen: 51.053 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

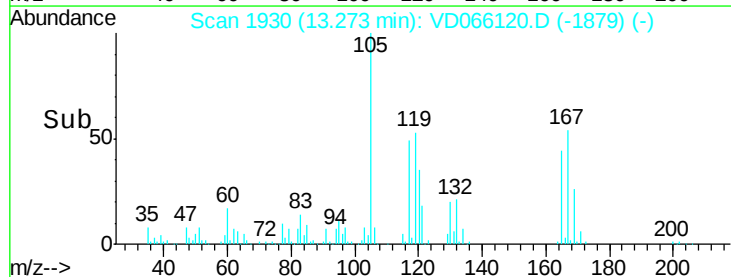
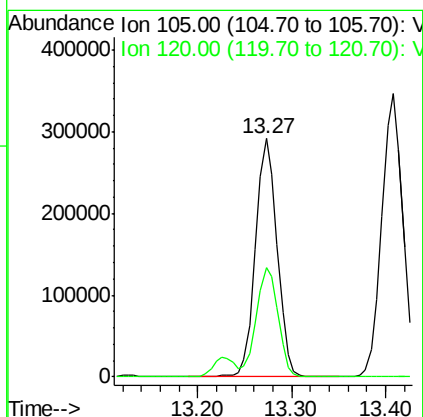
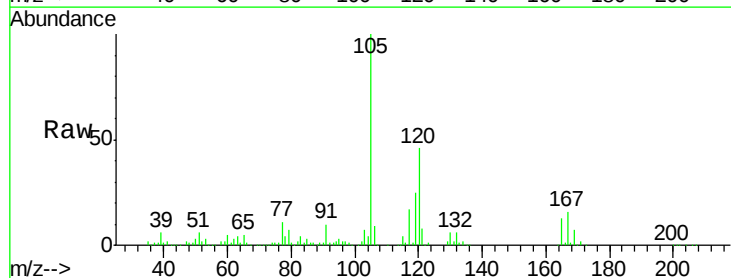
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

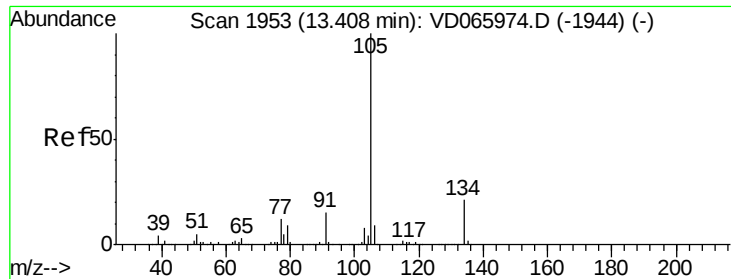
Tot Ion:119 Resp: 397715
 Ion Ratio Lower Upper
 119 100
 91 63.1 30.6 91.6
 134 27.8 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.977 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion:105 Resp: 465302
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.9 71.8





#85

sec-Butylbenzene

Concen: 50.054 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

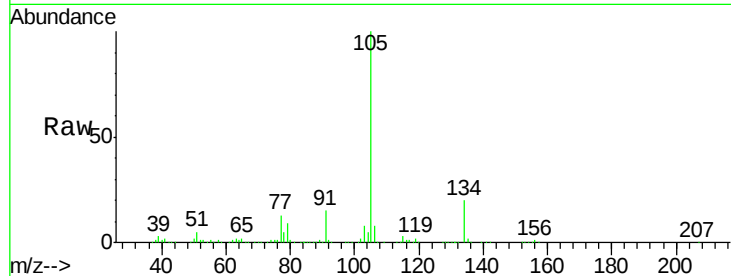
VSTDCCC050EC

Tot Ion:105 Resp: 537098

Ion Ratio Lower Upper

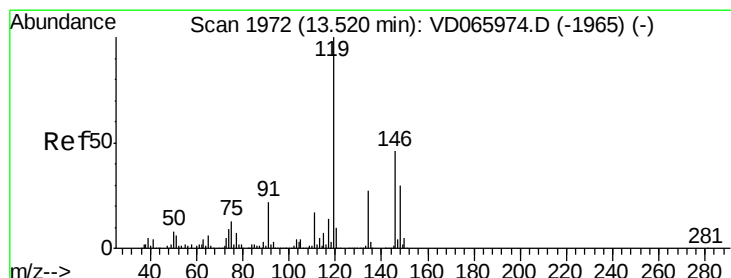
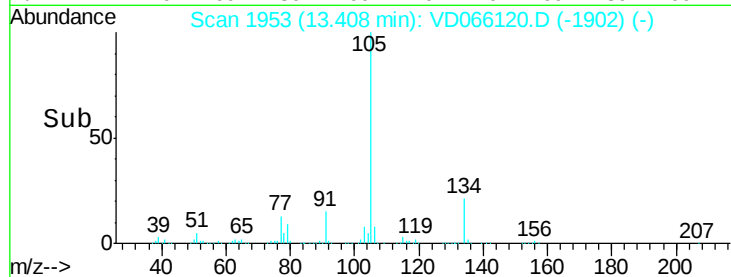
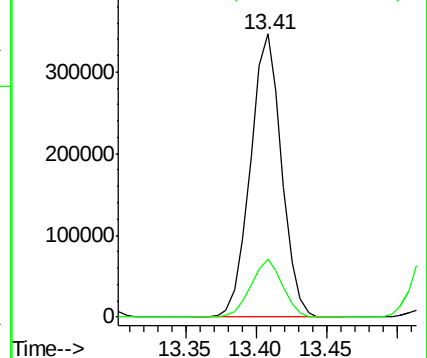
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.153 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

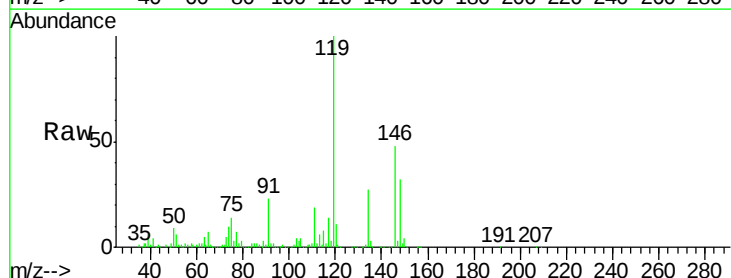
Tgt Ion:119 Resp: 508412

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

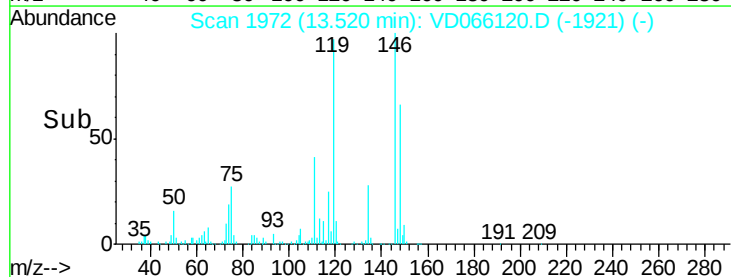
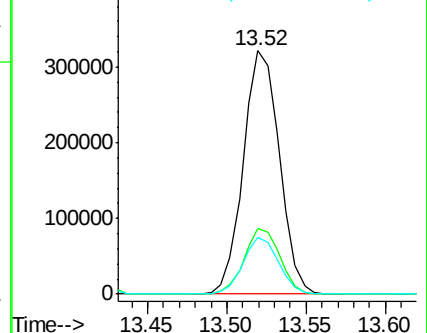
91 22.9 11.1 33.3

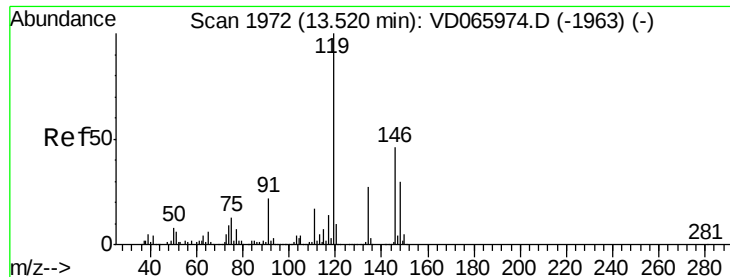


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

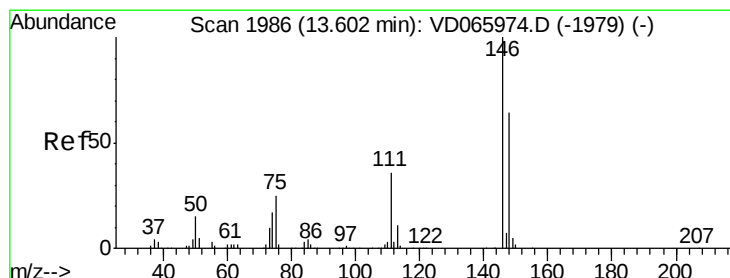
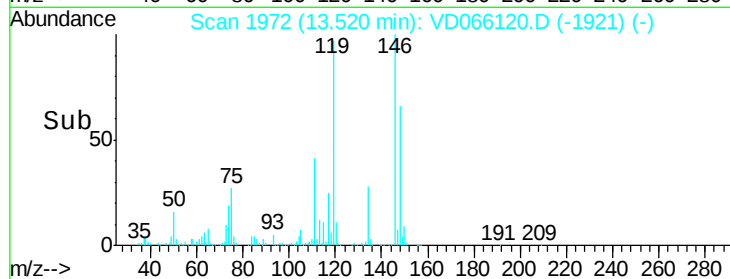
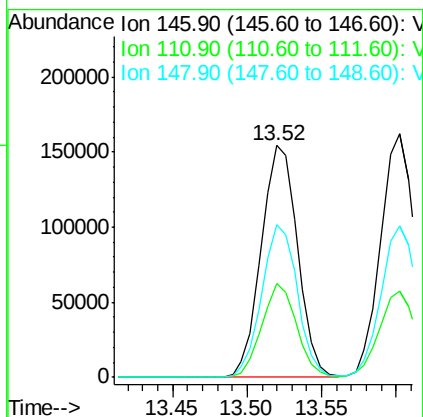
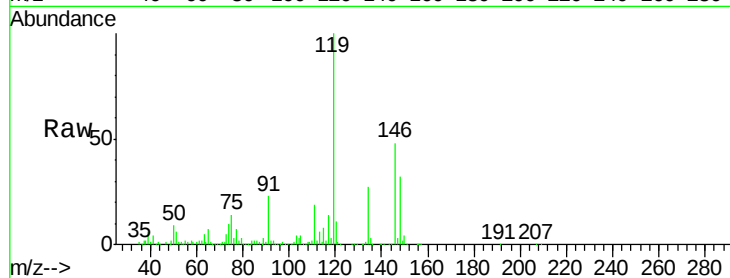




#87
 1,3-Dichlorobenzene
 Concen: 50.723 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

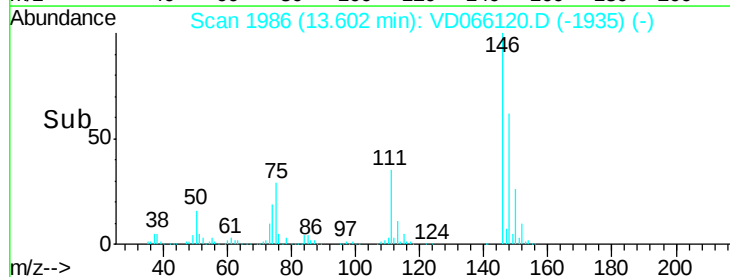
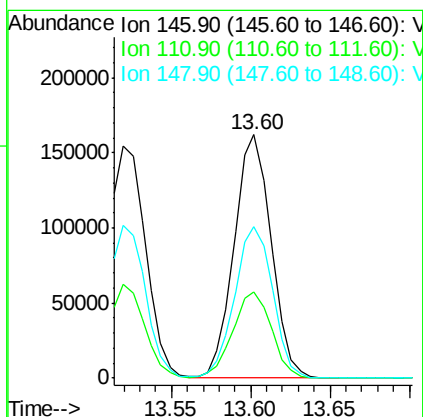
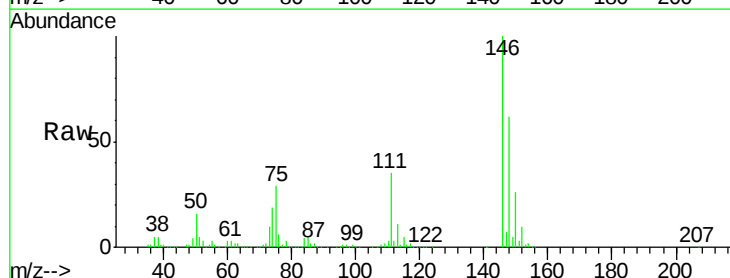
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

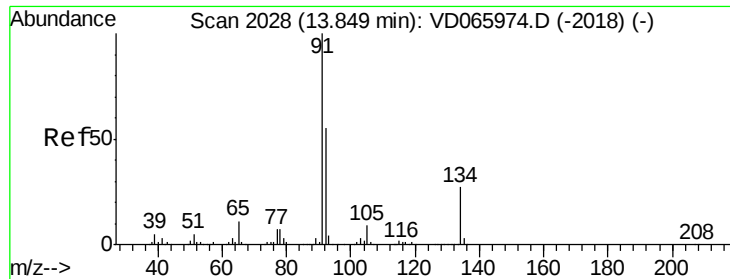
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.6
148	64.5	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 50.663 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.0	32.2	96.6

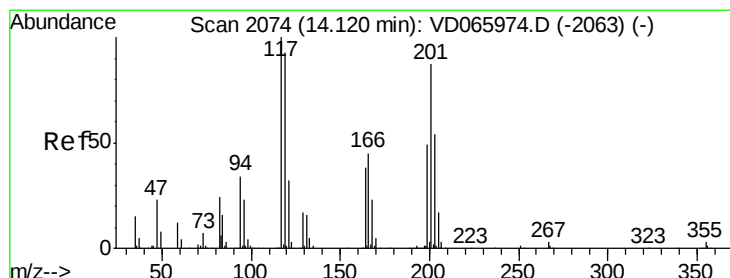
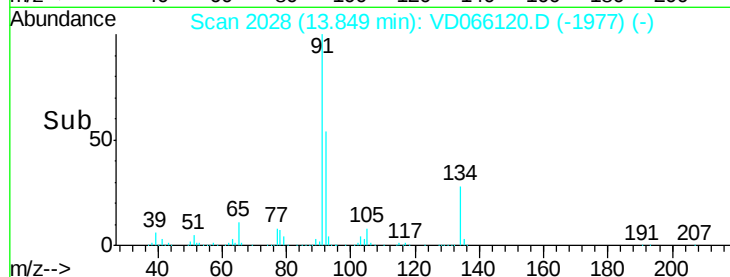
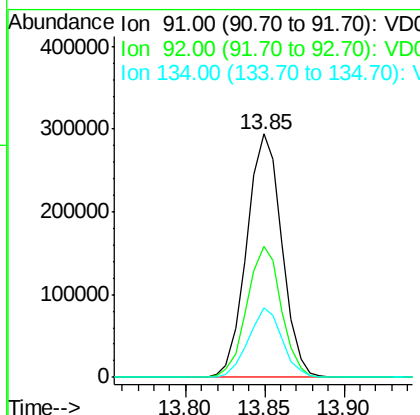
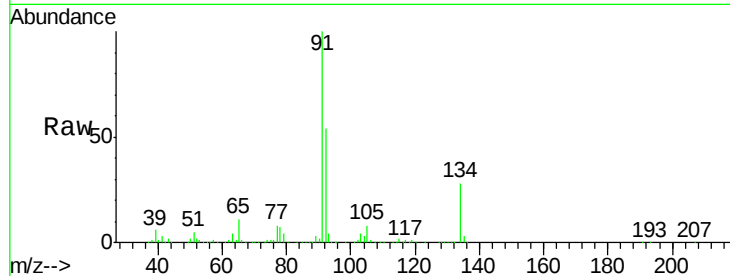




#89
n-Butylbenzene
Concen: 49.865 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

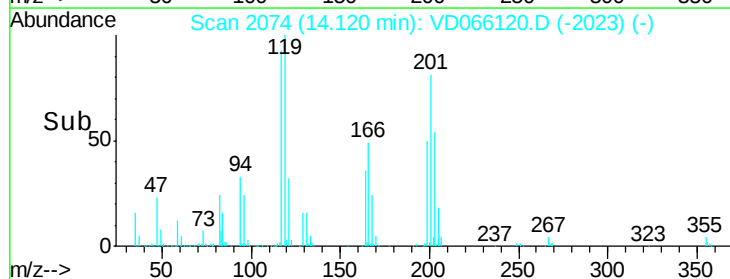
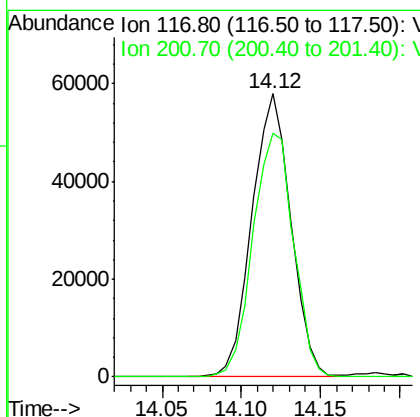
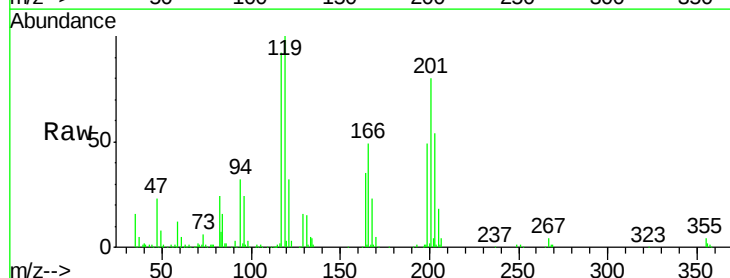
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

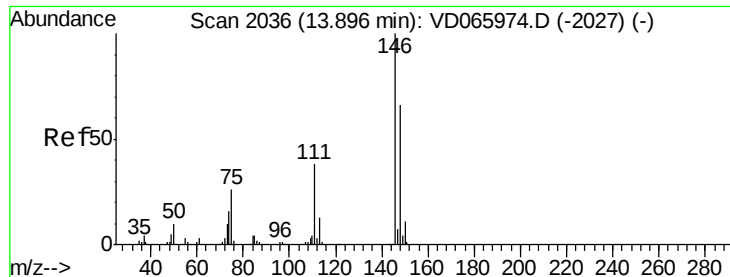
Tot Ion: 91 Resp: 451998
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.6
134 27.7 13.8 41.4



#90
Hexachloroethane
Concen: 49.160 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 117 Resp: 99207
Ion Ratio Lower Upper
117 100
201 89.6 42.0 126.1

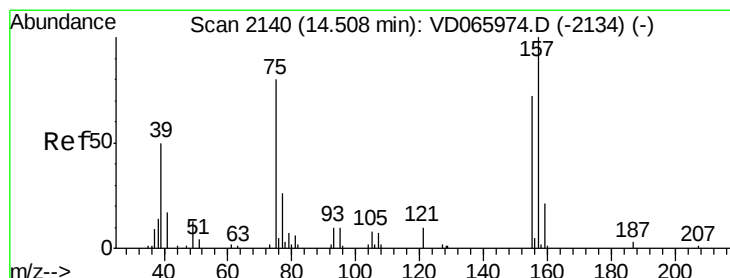
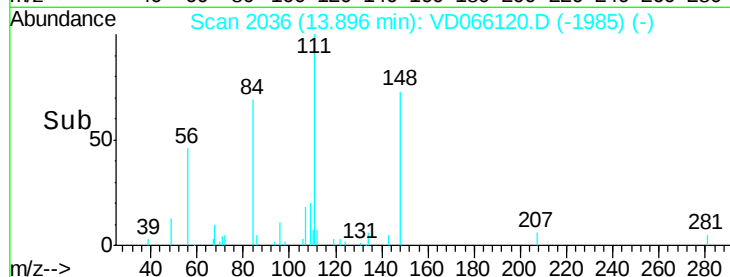
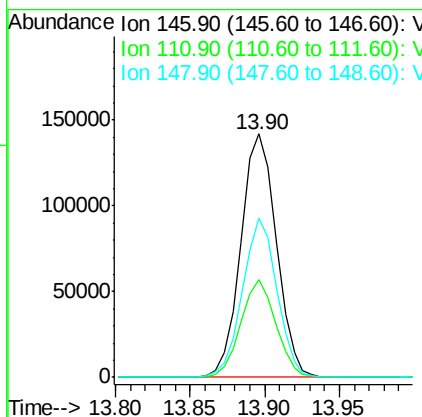
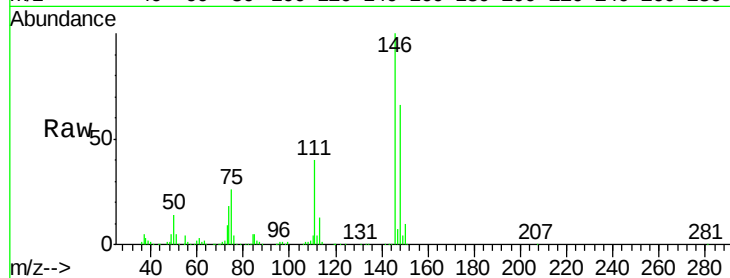




#91
 1,2-Dichlorobenzene
 Concen: 52.631 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

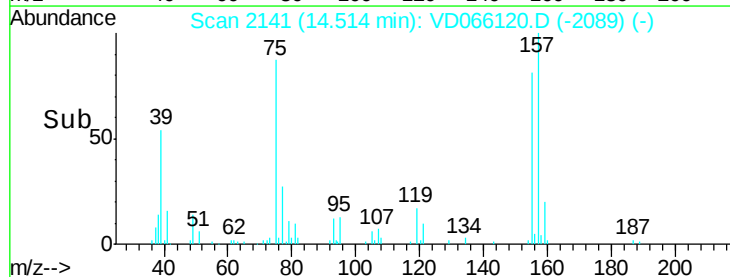
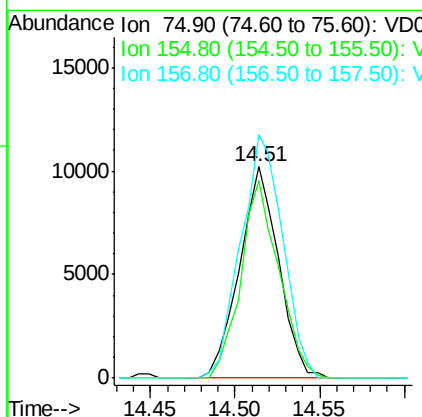
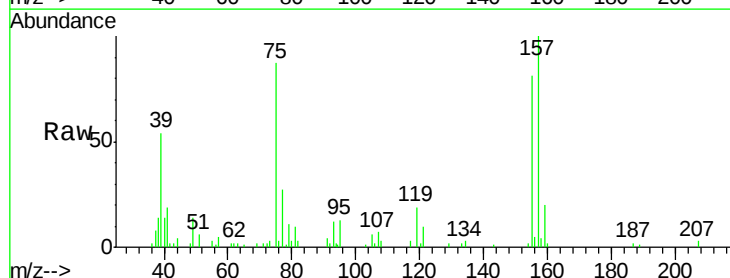
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

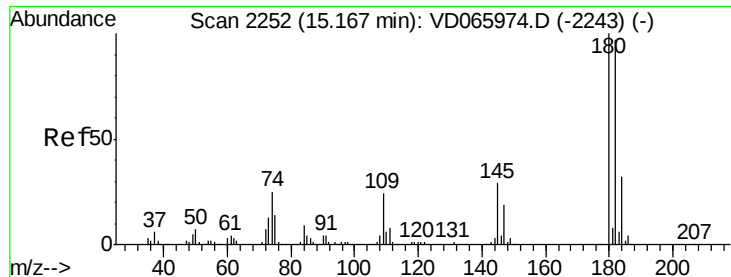
Tot Ion:146 Resp: 234486
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.9
 148 63.3 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.981 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 75 Resp: 16430
 Ion Ratio Lower Upper
 75 100
 155 91.0 48.5 145.5
 157 123.8 64.7 194.1

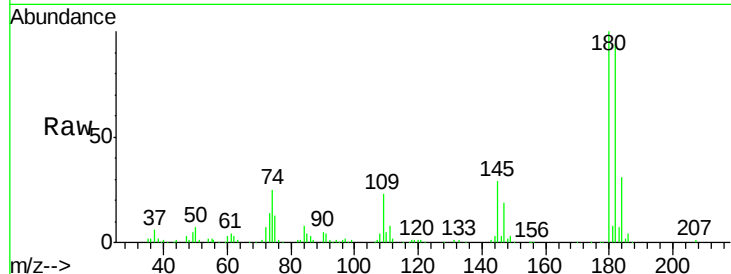




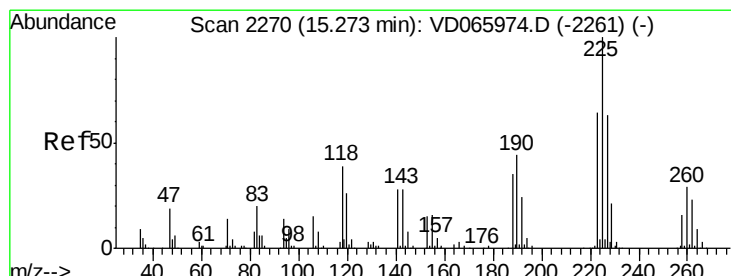
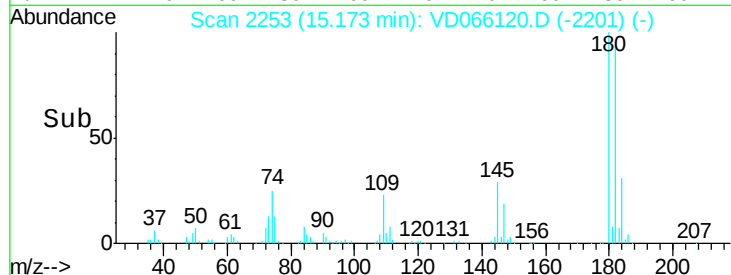
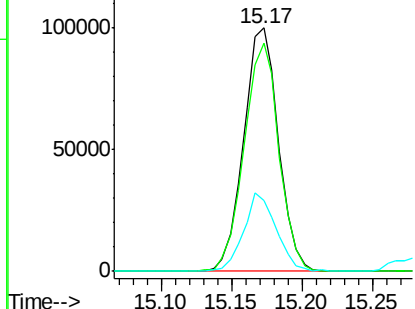
#93
 1,2,4-Trichlorobenzene
 Concen: 54.031 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 172791
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.1 144.3
 145 30.1 14.7 44.1

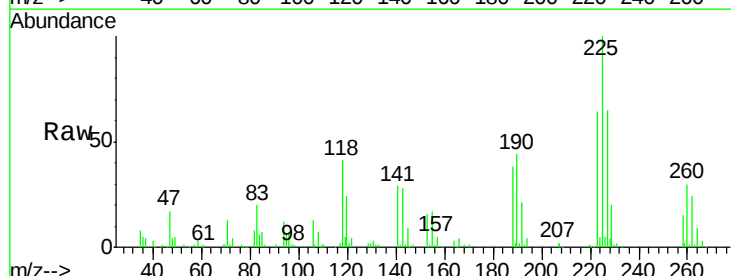


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

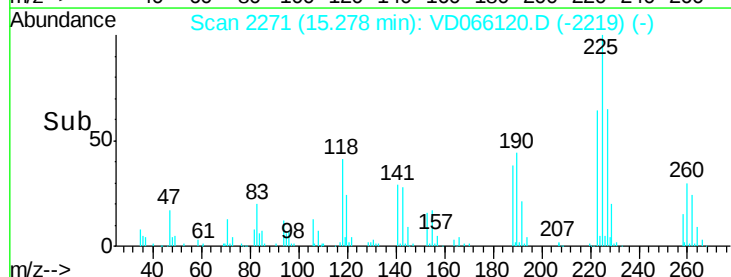
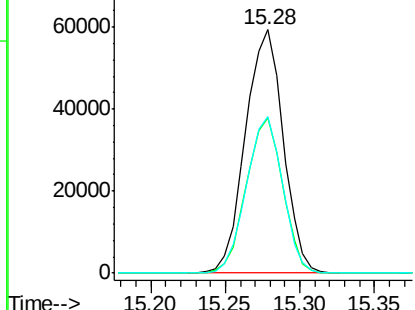


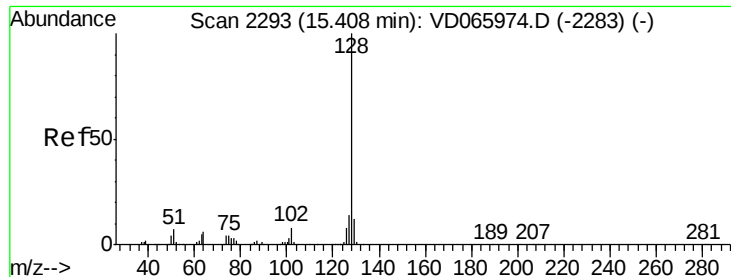
#94
 Hexachlorobutadiene
 Concen: 52.363 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion:225 Resp: 103527
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.2 93.6
 227 61.8 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: 52.165 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

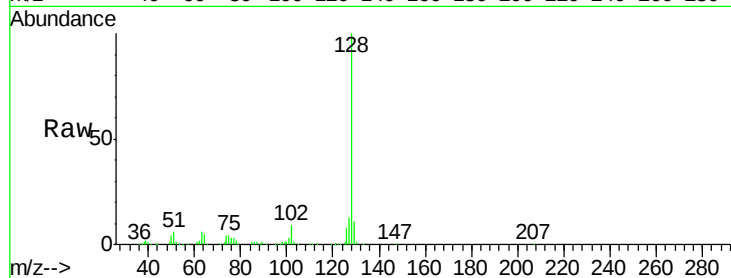
Tot Ion:128 Resp: 297604

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

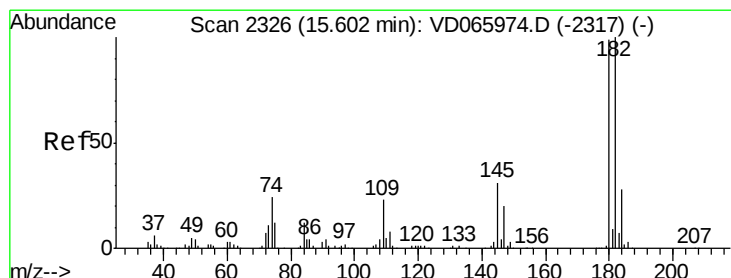
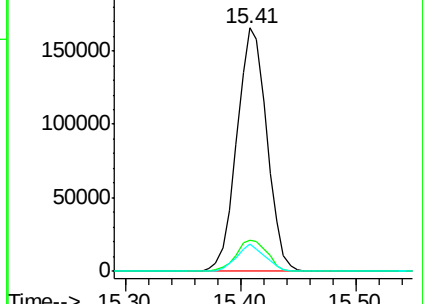
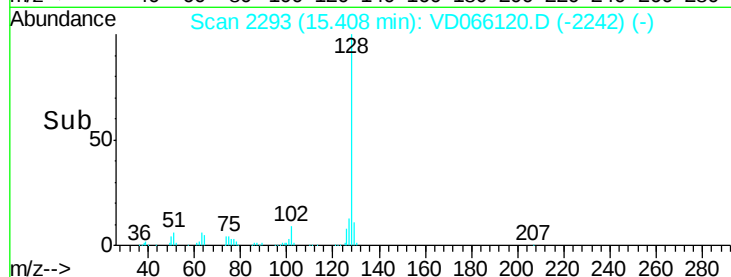
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.300 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

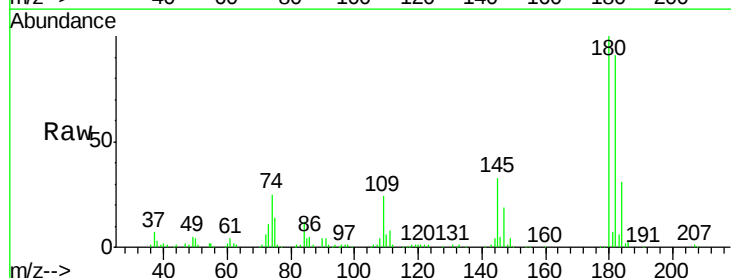
Tgt Ion:180 Resp: 150961

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.6

145 32.8 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

