

Data File : VD065509.D
Acq On : 16 Mar 2020 12:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Mar 17 07:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	474785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	664670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	599863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	187545	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.92	113	207234	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.34	98	795334	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.64	95	259344	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	180307	44.188	ug/l	98
3) Chloromethane	2.21	50	224409	45.552	ug/l	99
4) Vinyl Chloride	2.36	62	235140	48.392	ug/l	98
5) Bromomethane	2.77	94	154001	57.256	ug/l	99
6) Chloroethane	2.93	64	148312	49.836	ug/l	97
7) Trichlorofluoromethane	3.27	101	353399	49.358	ug/l	99
8) Diethyl Ether	3.71	74	104143	48.912	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	231199	50.138	ug/l	99
10) Methyl Iodide	4.30	142	269111	56.174	ug/l	97
11) Tert butyl alcohol	5.24	59	59651	255.346	ug/l	99
12) 1,1-Dichloroethene	4.06	96	216458	49.022	ug/l	98
13) Acrolein	3.93	56	83227	206.577	ug/l	100
14) Allyl chloride	4.71	41	335190	49.416	ug/l	99
15) Acrylonitrile	5.43	53	226839	244.888	ug/l	99
16) Acetone	4.16	43	224409	272.452	ug/l	99
17) Carbon Disulfide	4.40	76	675905	45.965	ug/l	99
18) Methyl Acetate	4.72	43	99101	47.431	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	428881	50.508	ug/l	99
20) Methylene Chloride	4.96	84	240680	54.091	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	249751	50.846	ug/l	99
22) Diisopropyl ether	6.37	45	658601	52.231	ug/l	98
23) Vinyl Acetate	6.31	43	1841105	262.965	ug/l	99
24) 1,1-Dichloroethane	6.27	63	407497	50.384	ug/l	98
25) 2-Butanone	7.22	43	279299	248.483	ug/l	97
26) 2,2-Dichloropropane	7.21	77	364689	51.599	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	262716	52.327	ug/l	98
28) Bromochloromethane	7.55	49	167552	51.780	ug/l	99
29) Tetrahydrofuran	7.57	42	172927	240.910	ug/l	97
30) Chloroform	7.71	83	413709	51.177	ug/l	99
31) Cyclohexane	7.98	56	385266	47.639	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	382585	51.212	ug/l	99
36) 1,1-Dichloropropene	8.11	75	341443	53.591	ug/l	98
37) Ethyl Acetate	7.30	43	119287	48.440	ug/l	100
38) Carbon Tetrachloride	8.10	117	354187	53.609	ug/l	93

Data File : VD065509.D
Acq On : 16 Mar 2020 12:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Mar 17 07:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	409645	53.234	ug/l	96
40) Benzene	8.36	78	960314	53.908	ug/l	99
41) Methacrylonitrile	7.53	41	64769	49.732	ug/l	92
42) 1,2-Dichloroethane	8.43	62	248588	53.441	ug/l	100
43) Isopropyl Acetate	8.46	43	226175	49.741	ug/l	98
44) Trichloroethene	9.11	130	270178	53.706	ug/l	99
45) 1,2-Dichloropropane	9.39	63	232394	53.856	ug/l	96
46) Dibromomethane	9.48	93	118729	53.045	ug/l	99
47) Bromodichloromethane	9.67	83	311134	53.432	ug/l	97
48) Methyl methacrylate	9.46	41	109030	50.975	ug/l	97
49) 1,4-Dioxane	9.47	88	27102	1058.570	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	613068	267.930	ug/l	99
52) Toluene	10.41	92	616129	54.903	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	295790	54.357	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	365452	55.483	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	166000	52.364	ug/l	98
56) Ethyl methacrylate	10.67	69	194973	54.556	ug/l	98
57) 1,3-Dichloropropane	10.95	76	287705	53.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	264994	237.353	ug/l	98
59) 2-Hexanone	10.99	43	428671	270.632	ug/l	100
60) Dibromochloromethane	11.14	129	222370	54.722	ug/l	99
61) 1,2-Dibromoethane	11.25	107	160656	53.130	ug/l	99
64) Tetrachloroethene	10.88	164	237751	55.312	ug/l	98
65) Chlorobenzene	11.67	112	641772	54.064	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	236278	54.652	ug/l	99
67) Ethyl Benzene	11.75	91	1152409	56.185	ug/l	99
68) m/p-Xylenes	11.86	106	891653	112.742	ug/l	99
69) o-Xylene	12.18	106	398098	57.224	ug/l	100
70) Styrene	12.20	104	702901	57.409	ug/l	100
71) Bromoform	12.37	173	131095	53.984	ug/l #	100
73) Isopropylbenzene	12.48	105	1106893	55.804	ug/l	100
74) N-amyl acetate	12.30	43	204741	50.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	174977	50.185	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	229244	96.337	ug/l #	100
77) Bromobenzene	12.77	156	266285	54.034	ug/l	97
78) n-propylbenzene	12.83	91	1312276	55.759	ug/l	99
79) 2-Chlorotoluene	12.91	91	715064	53.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	907617	55.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	57387	50.892	ug/l	98
82) 4-Chlorotoluene	13.01	91	751070	53.886	ug/l	98
83) tert-Butylbenzene	13.23	119	767885	55.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	895083	55.685	ug/l	100
85) sec-Butylbenzene	13.41	105	1099453	55.831	ug/l	100
86) p-Isopropyltoluene	13.53	119	1009321	56.169	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	510286	53.858	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	492718	52.279	ug/l	99
89) n-Butylbenzene	13.86	91	930864	56.034	ug/l	99
90) Hexachloroethane	14.12	117	194397	52.532	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	431990	53.578	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26432	49.778	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031620\
Quantitation Report (Not Reviewed)

Data File : VD065509.D
Acq On : 16 Mar 2020 12:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Mar 17 07:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

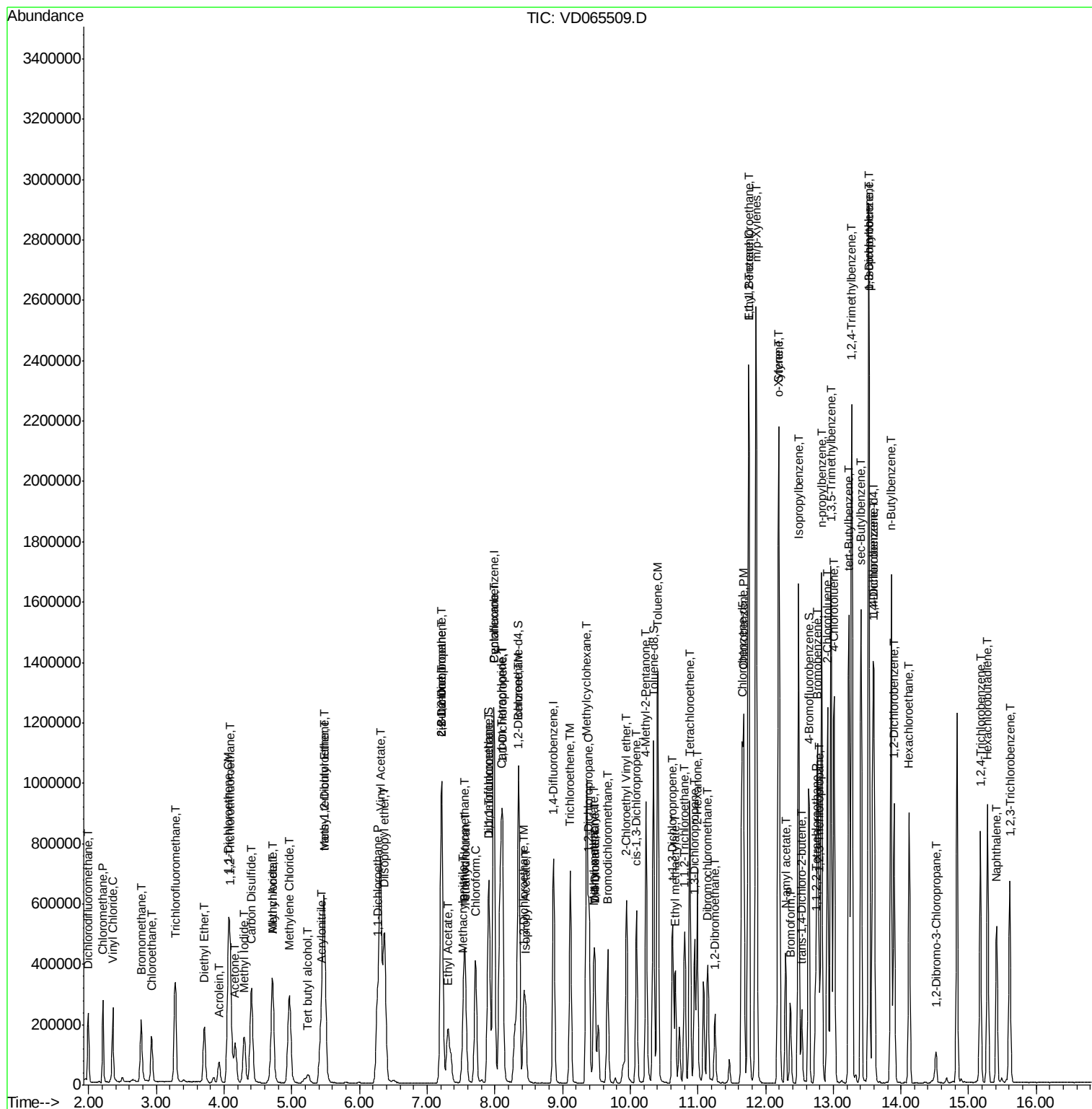
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	295663	54.104	ug/l	100
94) Hexachlorobutadiene	15.28	225	194826	54.258	ug/l	99
95) Naphthalene	15.41	128	475973	48.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	255353	54.074	ug/l	100

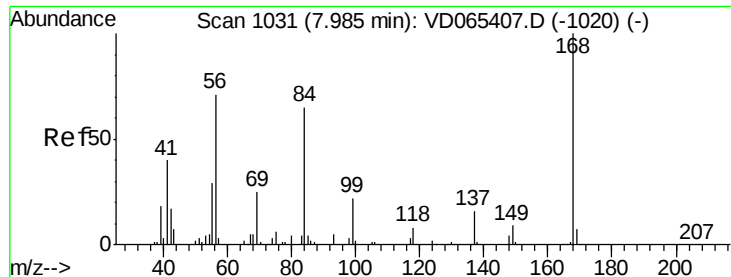
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VD065509.D
Acq On : 16 Mar 2020 12:49
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Mar 17 07:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

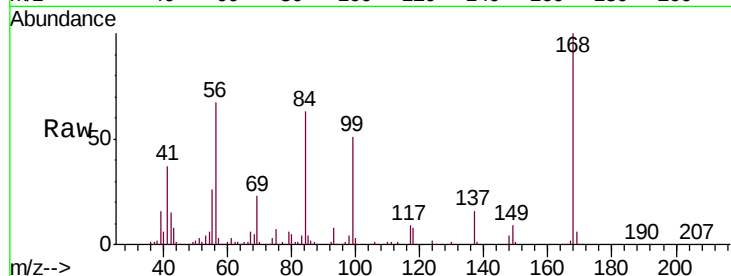
VSTDCCC050

Tgt Ion:168 Resp: 474785

Ion Ratio Lower Upper

168 100

99 51.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

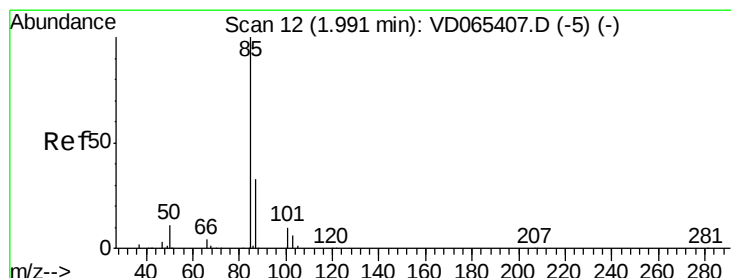
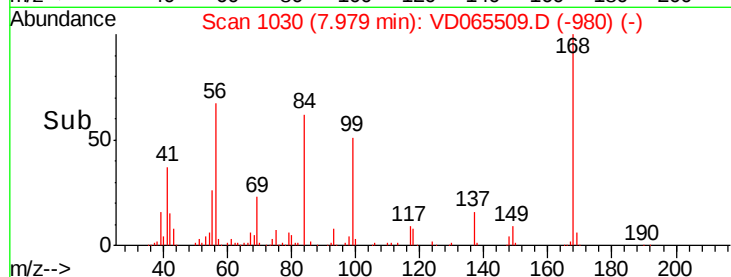
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.188 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065509.D

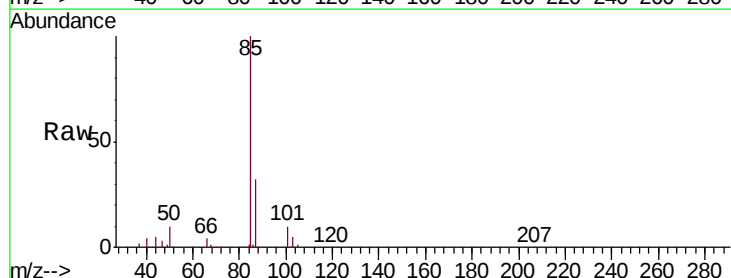
Acq: 16 Mar 2020 12:49

Tgt Ion: 85 Resp: 180307

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

100000

50000

0

1.90

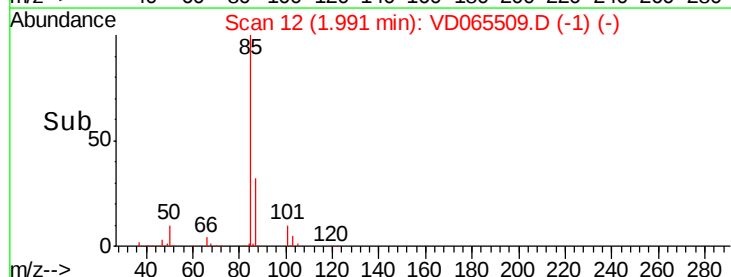
1.95

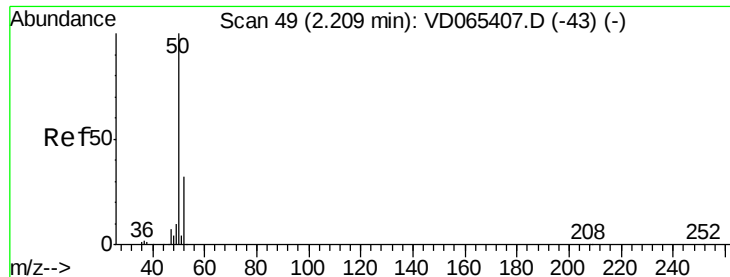
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 45.552 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

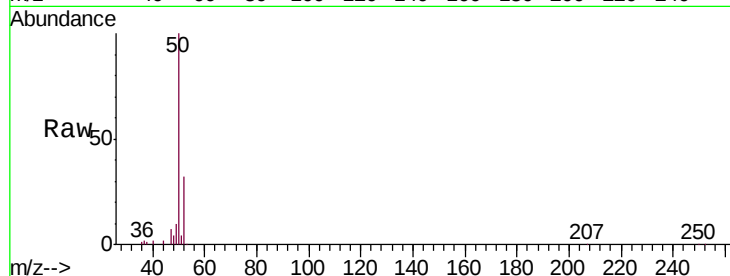
VSTDCCC050

Tgt Ion: 50 Resp: 224409

Ion Ratio Lower Upper

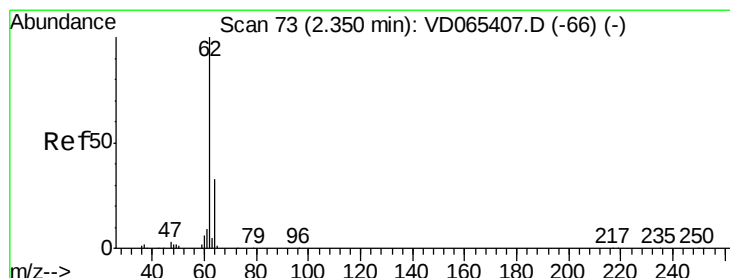
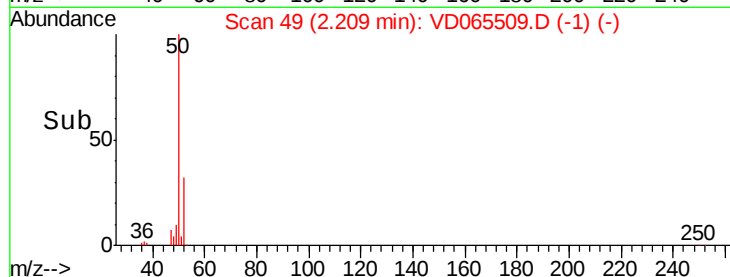
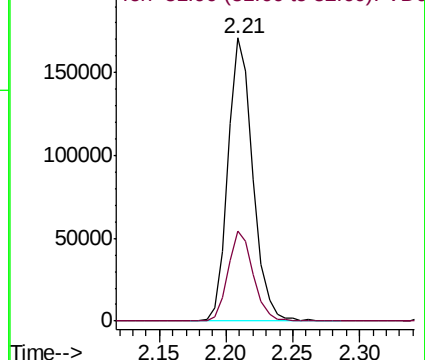
50 100

52 32.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.392 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065509.D

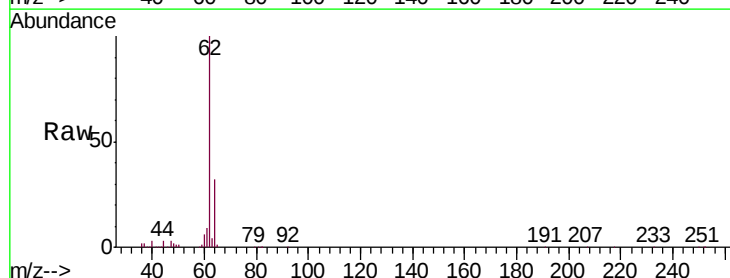
Acq: 16 Mar 2020 12:49

Tgt Ion: 62 Resp: 235140

Ion Ratio Lower Upper

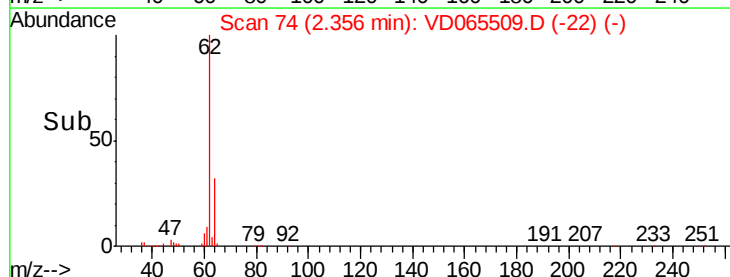
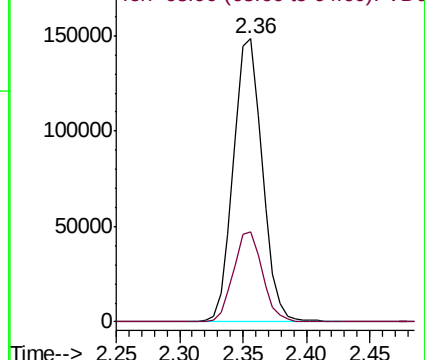
62 100

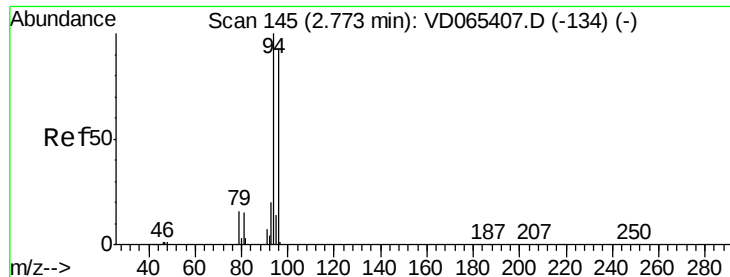
64 31.9 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 57.256 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

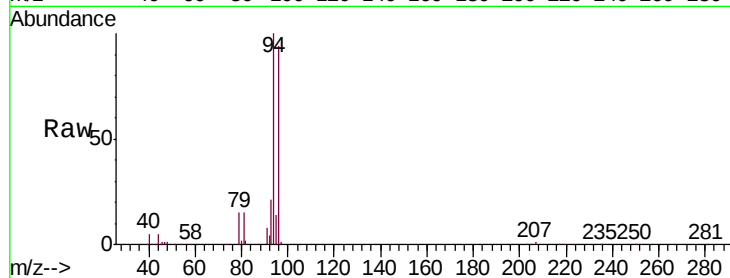
VSTDCCC050

Tgt Ion: 94 Resp: 154001

Ion Ratio Lower Upper

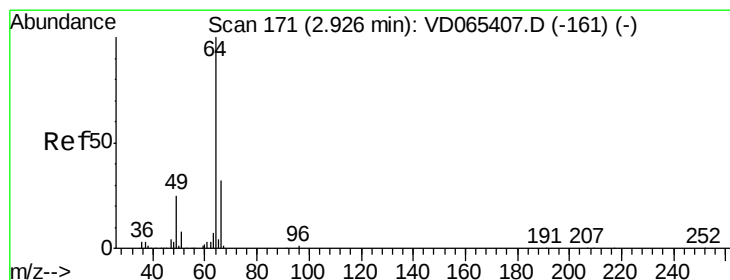
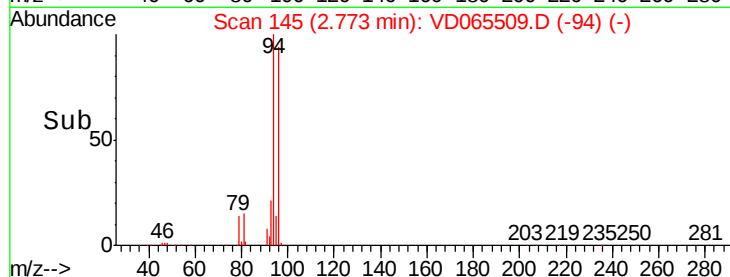
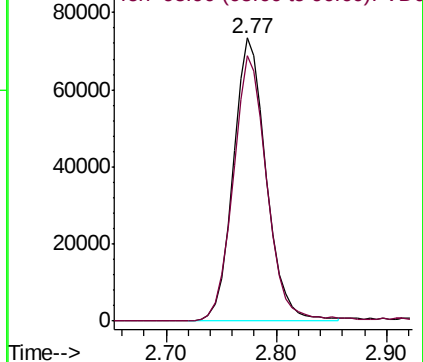
94 100

96 94.0 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.836 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065509.D

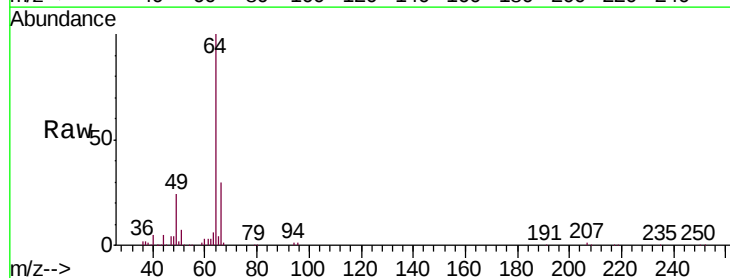
Acq: 16 Mar 2020 12:49

Tgt Ion: 64 Resp: 148312

Ion Ratio Lower Upper

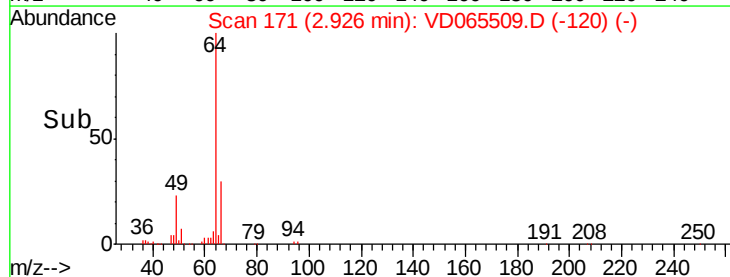
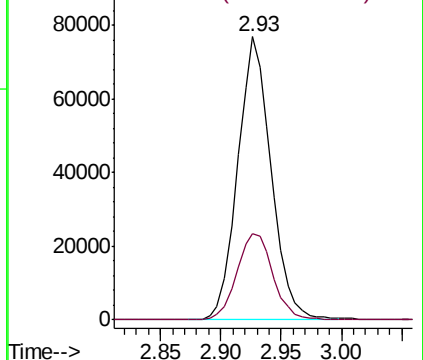
64 100

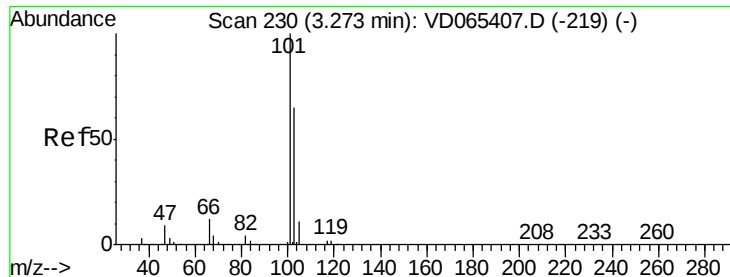
66 30.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



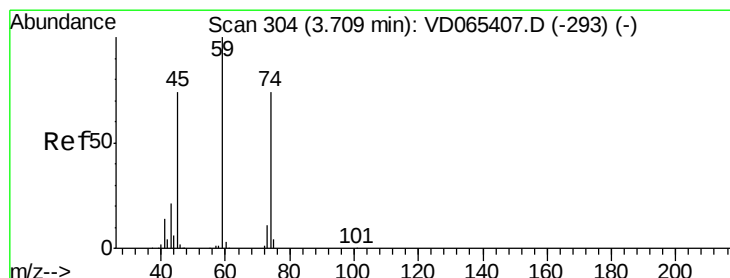
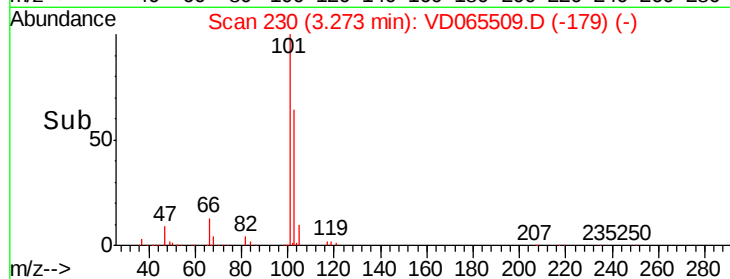
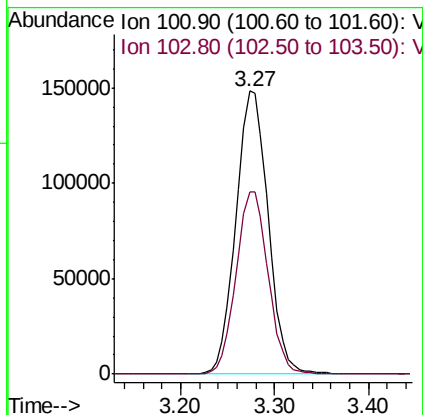
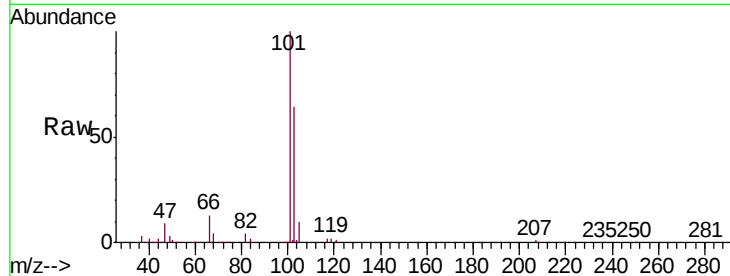


#7

Trichlorofluoromethane
 Concen: 49.358 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

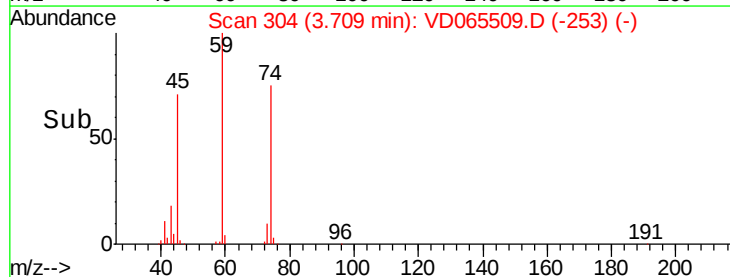
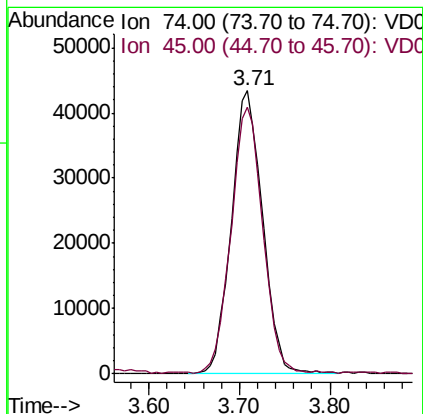
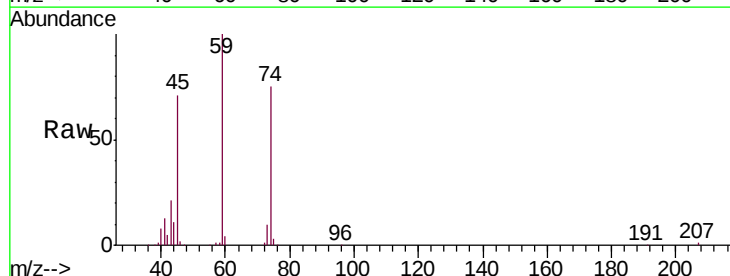
Tgt Ion: 101 Resp: 353399
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1

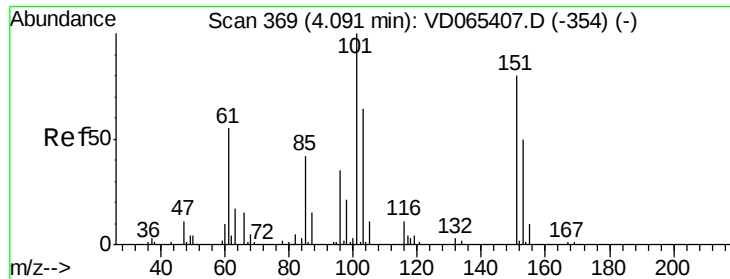


#8

Diethyl Ether
 Concen: 48.912 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 74 Resp: 104143
 Ion Ratio Lower Upper
 74 100
 45 94.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.138 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

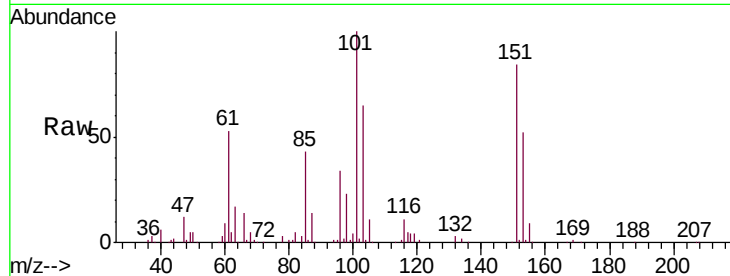
Tgt Ion:101 Resp: 231199

Ion Ratio Lower Upper

101 100

85 41.0 34.2 51.2

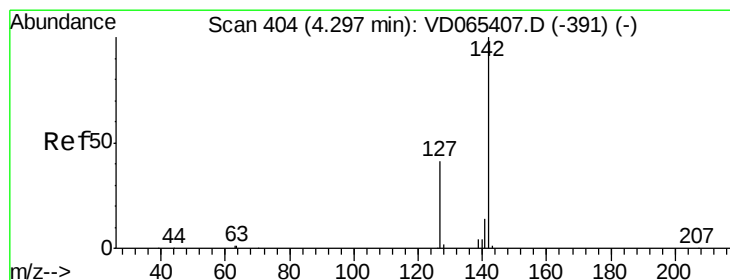
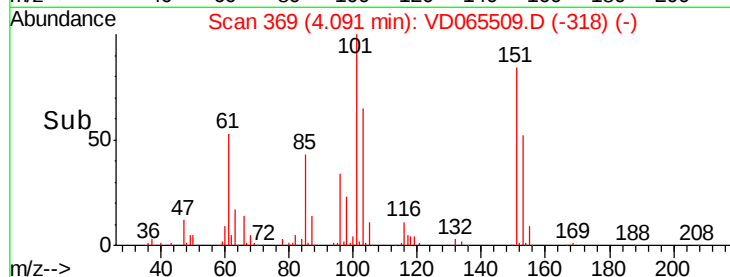
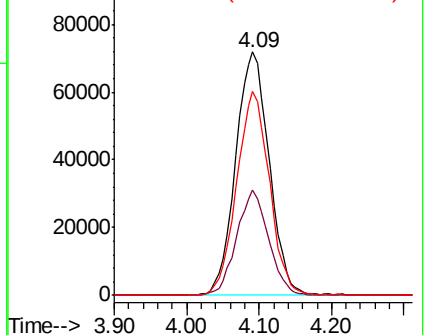
151 81.7 65.1 97.7



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: 56.174 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

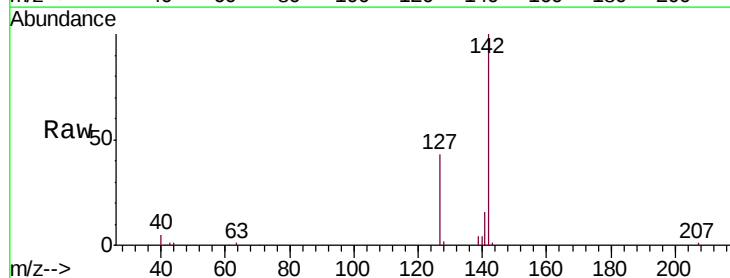
Tgt Ion:142 Resp: 269111

Ion Ratio Lower Upper

142 100

127 41.6 35.0 52.6

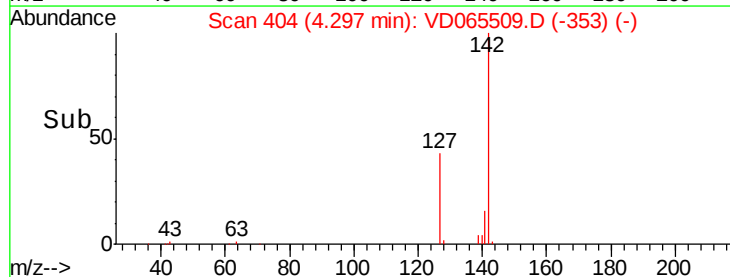
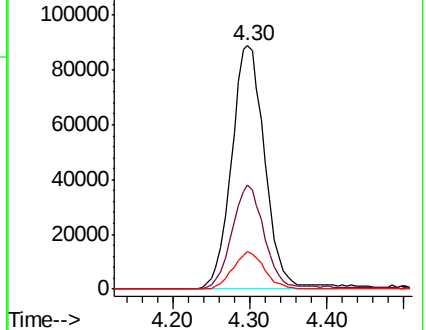
141 14.6 12.4 18.6

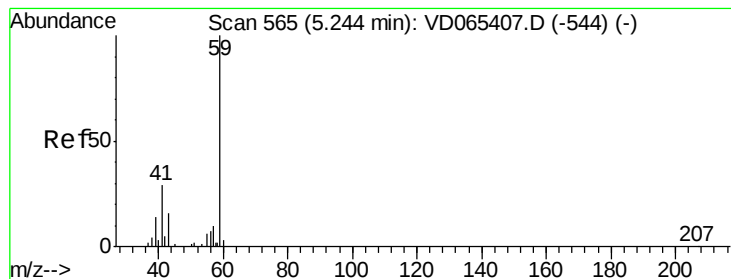


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



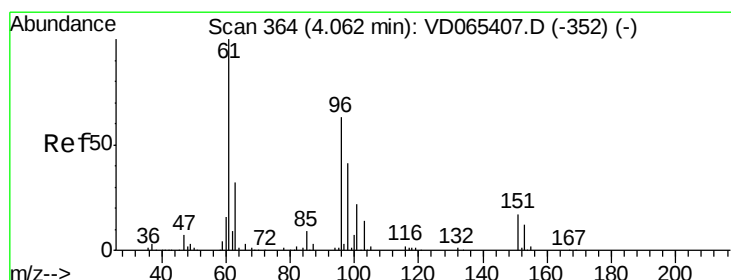
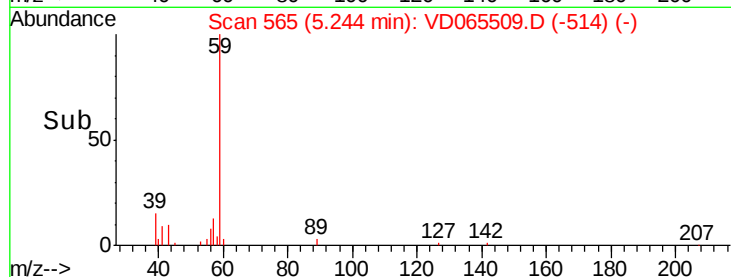
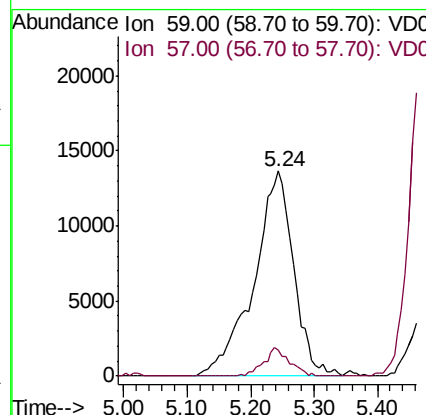
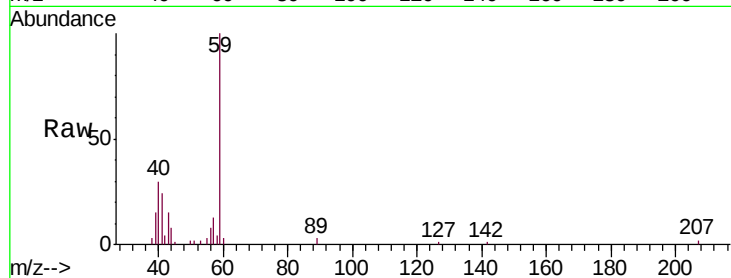


#11

Tert butyl alcohol
Concen: 255.346 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

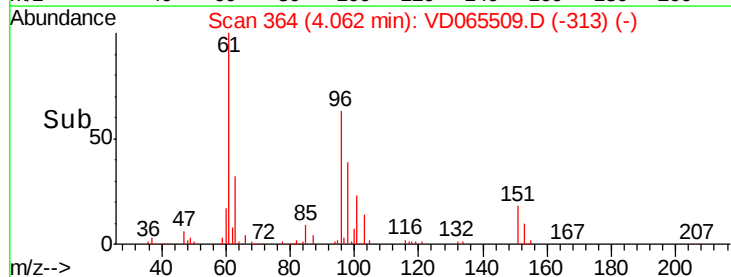
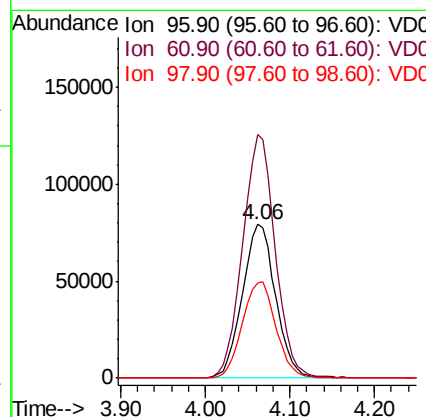
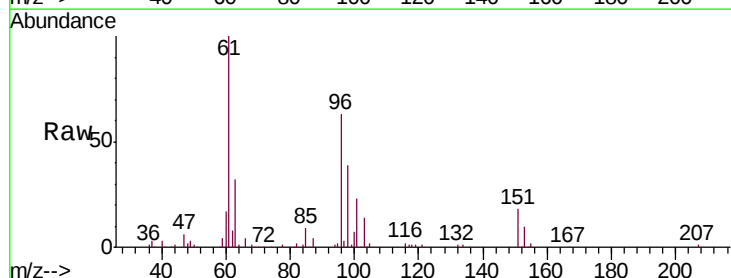
Tgt Ion: 59 Resp: 59651
Ion Ratio Lower Upper
59 100
57 8.9 6.9 10.3

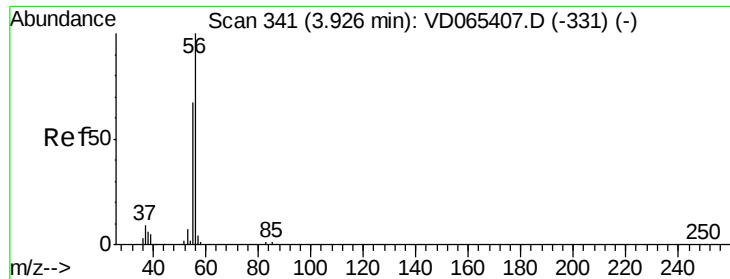


#12

1,1-Dichloroethene
Concen: 49.022 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 96 Resp: 216458
Ion Ratio Lower Upper
96 100
61 158.3 128.0 192.0
98 62.2 51.9 77.9

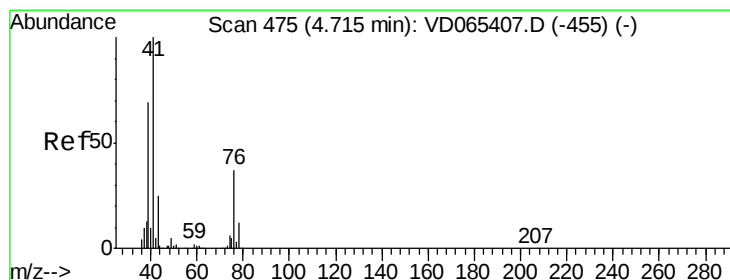
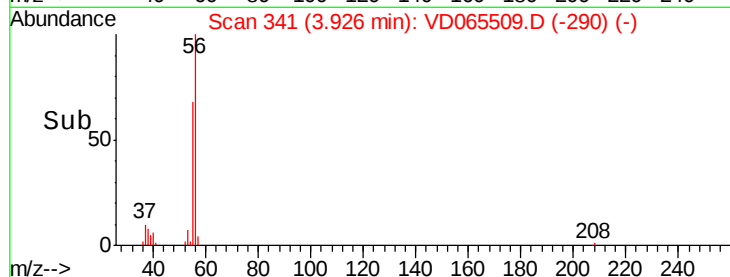
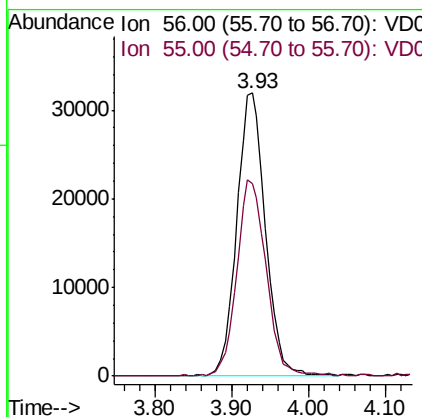
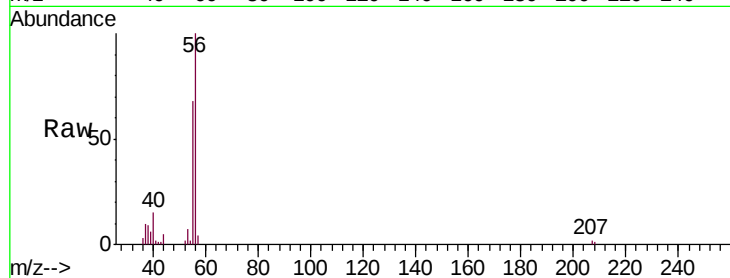




#13
Acrolein
Concen: 206.577 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

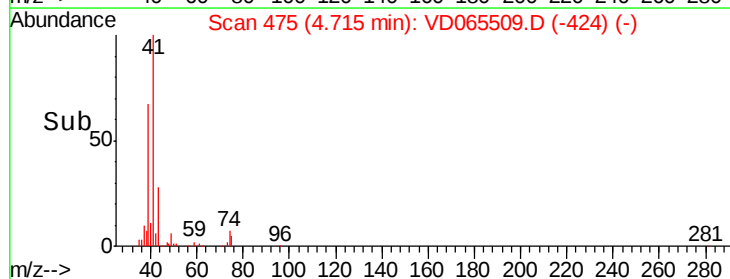
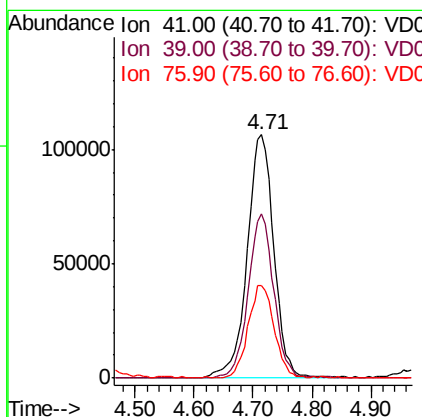
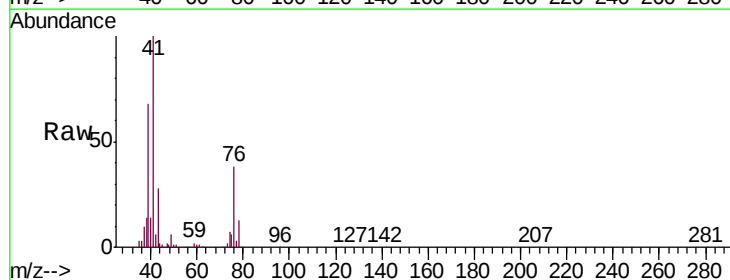
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

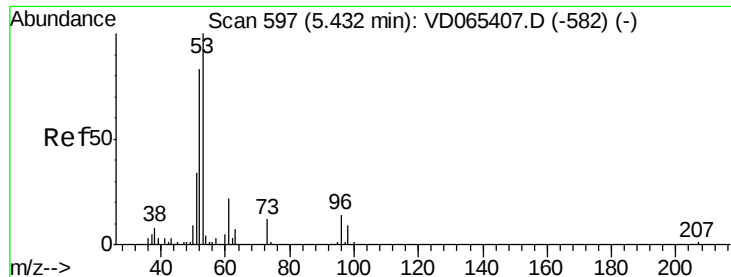
Tgt Ion: 56 Resp: 83227
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 49.416 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 41 Resp: 335190
Ion Ratio Lower Upper
41 100
39 64.6 52.6 79.0
76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 244.888 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

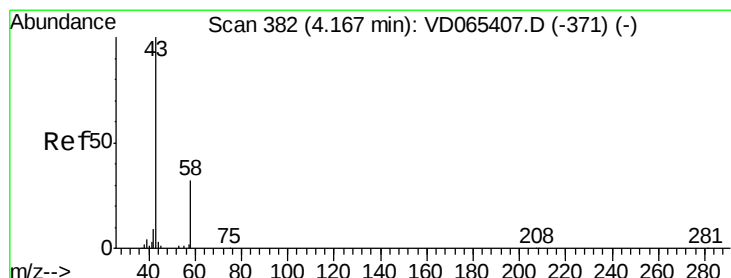
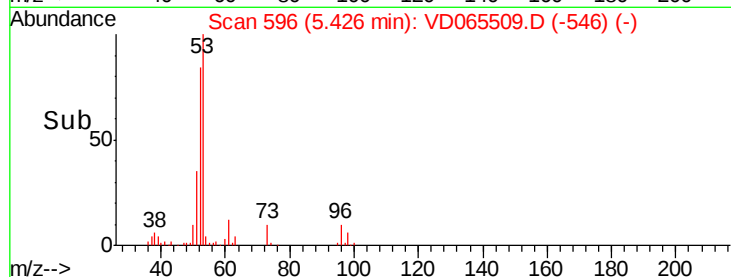
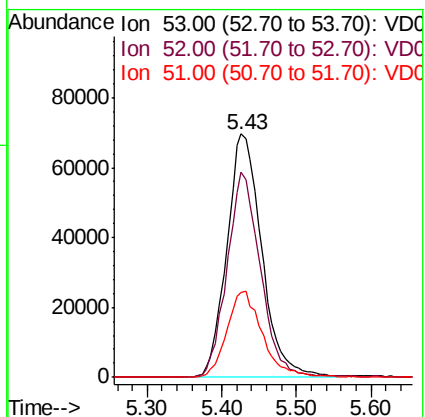
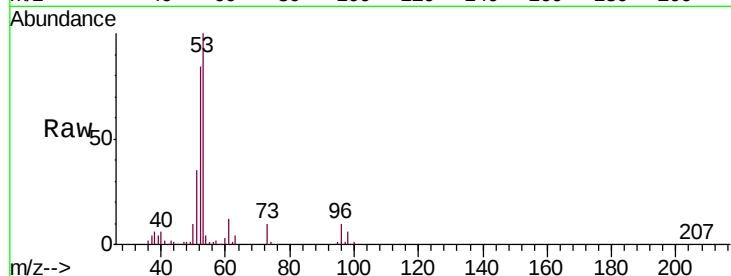
Tgt Ion: 53 Resp: 226839

Ion Ratio Lower Upper

53 100

52 80.3 65.1 97.7

51 36.3 28.5 42.7



#16

Acetone

Concen: 272.452 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065509.D

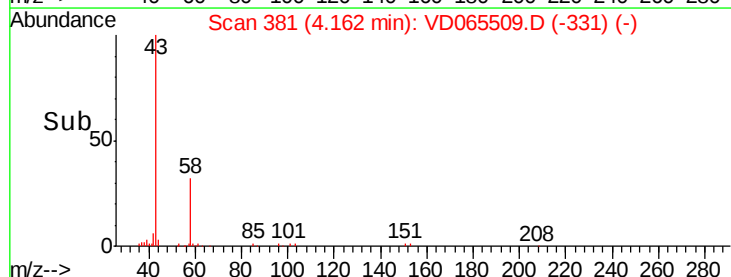
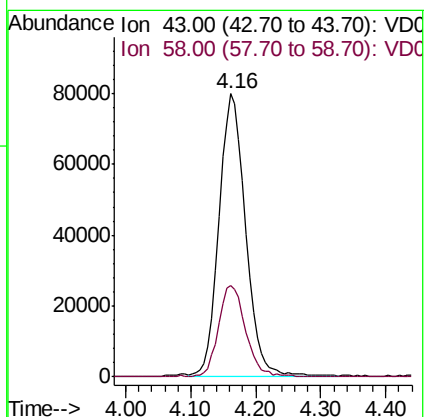
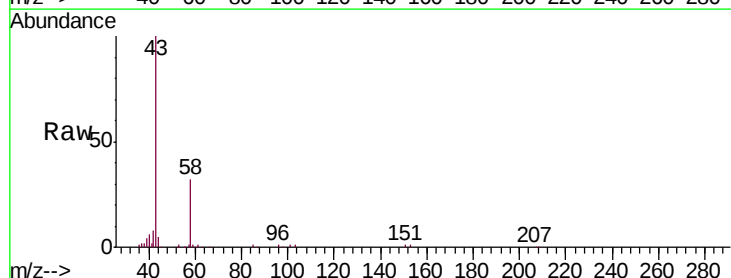
Acq: 16 Mar 2020 12:49

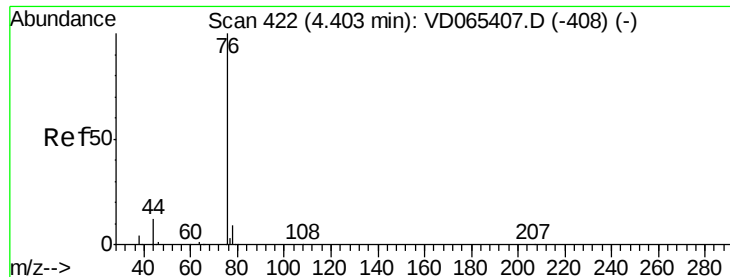
Tgt Ion: 43 Resp: 224409

Ion Ratio Lower Upper

43 100

58 32.0 25.1 37.7

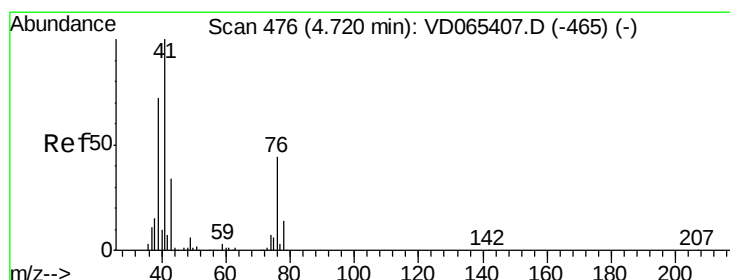
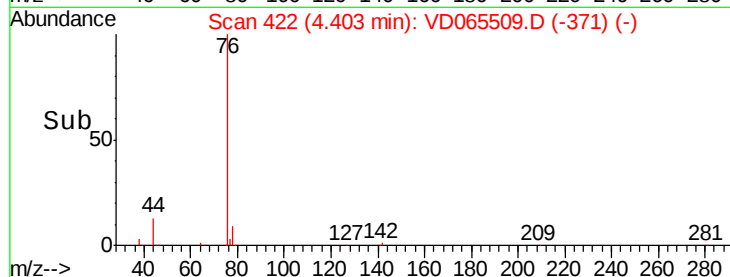
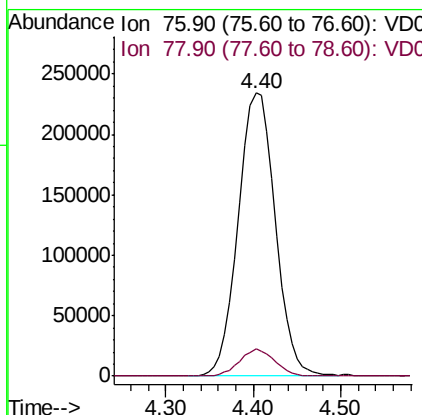
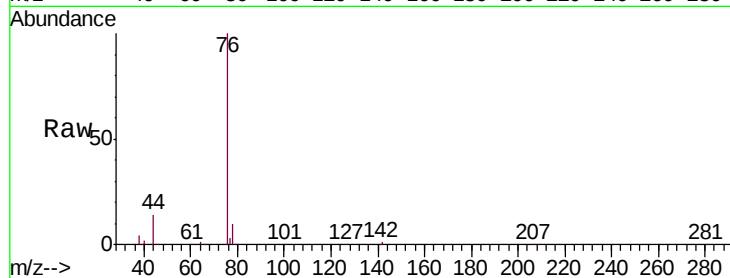




#17
Carbon Disulfide
Concen: 45.965 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

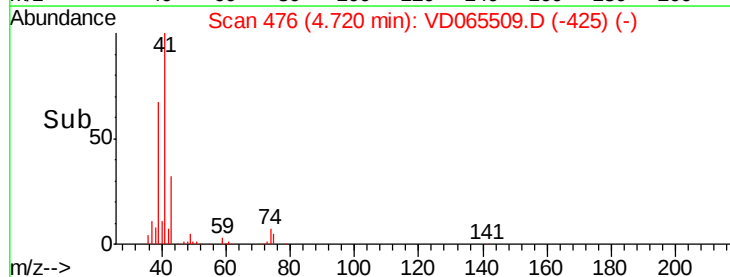
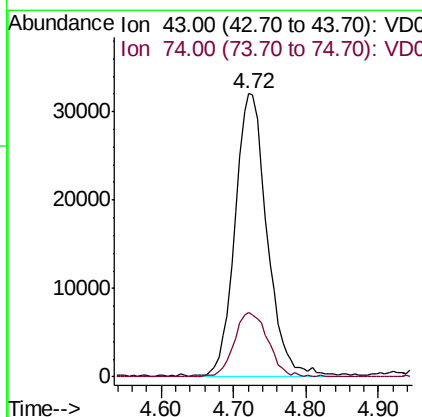
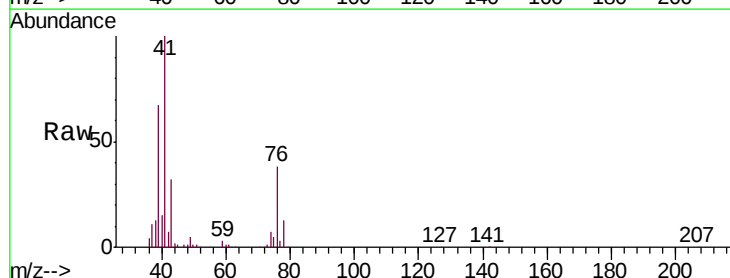
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

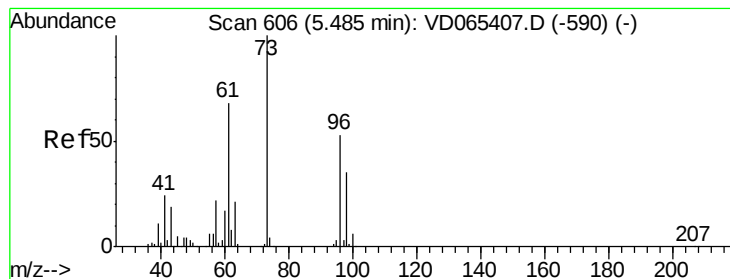
Tgt Ion: 76 Resp: 675905
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 47.431 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 43 Resp: 99101
Ion Ratio Lower Upper
43 100
74 23.7 19.6 29.4



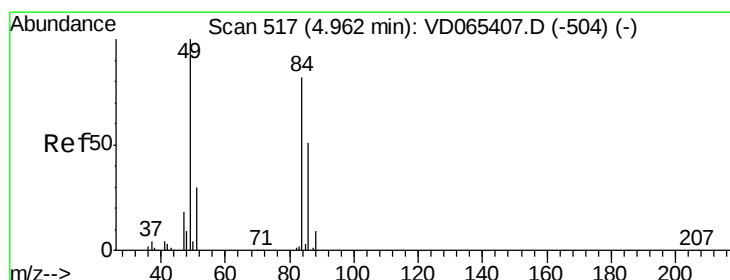
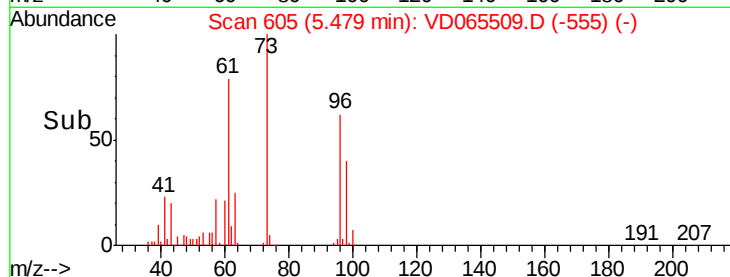
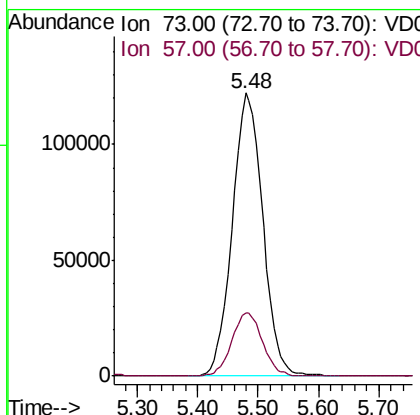
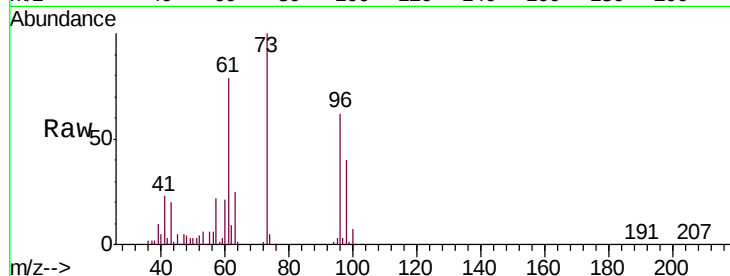


#19

Methyl tert-butyl Ether
 Concen: 50.508 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

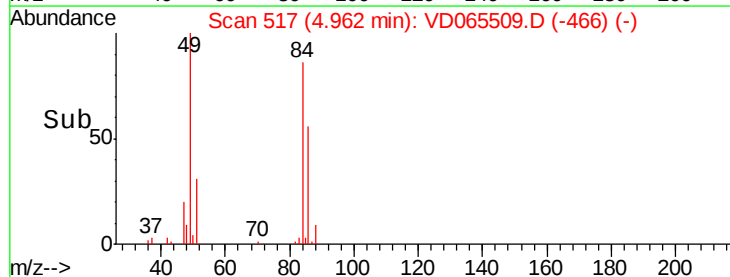
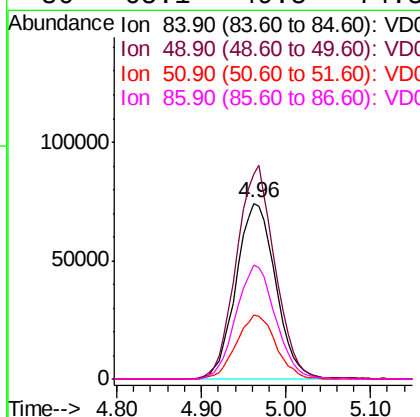
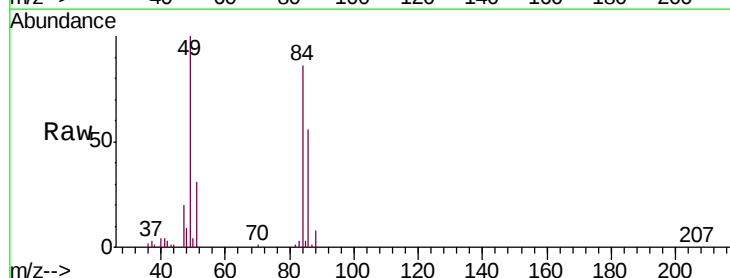
Tgt Ion: 73 Resp: 428881
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.3 25.9

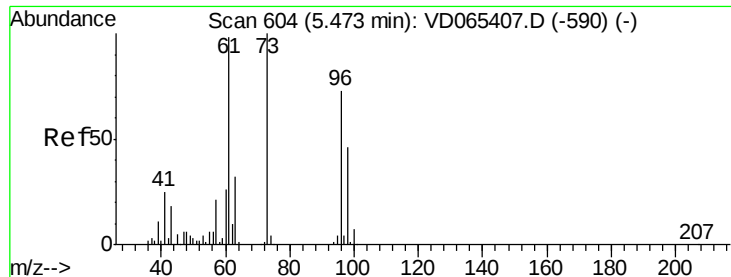


#20

Methylene Chloride
 Concen: 54.091 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 84 Resp: 240680
 Ion Ratio Lower Upper
 84 100
 49 116.7 97.7 146.5
 51 36.3 28.8 43.2
 86 65.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.846 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

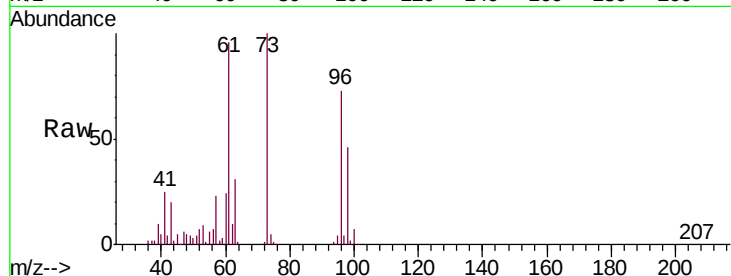
Tgt Ion: 96 Resp: 249751

Ion Ratio Lower Upper

96 100

61 131.7 106.3 159.5

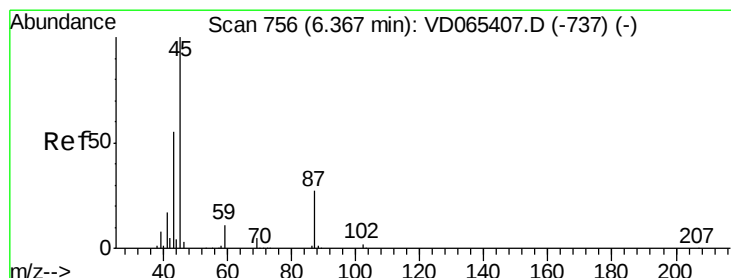
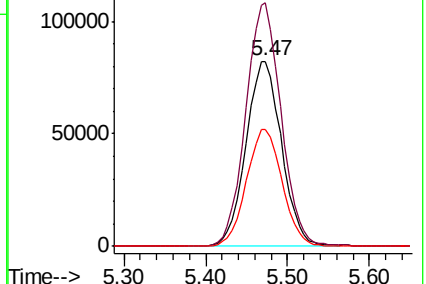
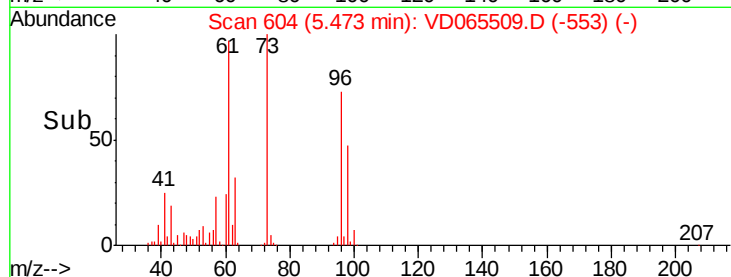
98 63.4 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.231 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Tgt Ion: 45 Resp: 658601

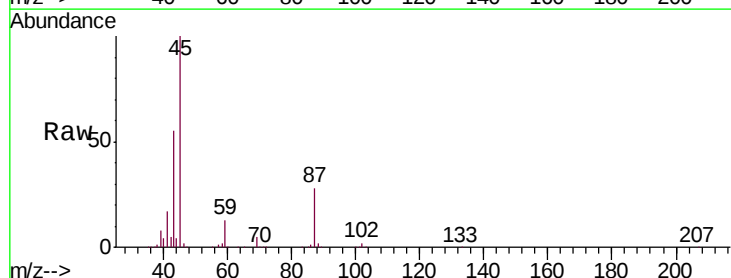
Ion Ratio Lower Upper

45 100

43 53.7 44.4 66.6

87 27.8 21.9 32.9

59 12.4 9.2 13.8

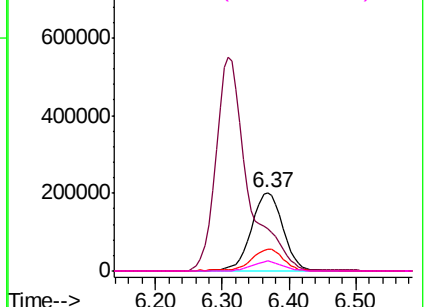
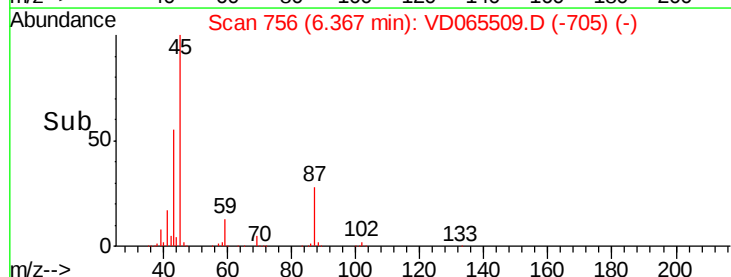


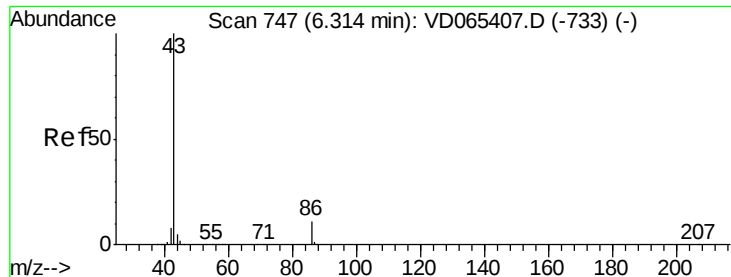
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 262.965 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

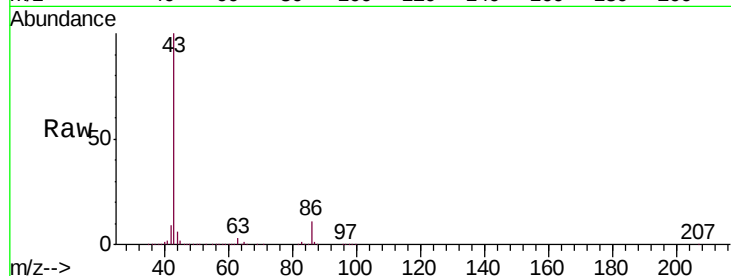
VSTDCCC050

Tgt Ion: 43 Resp: 1841105

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

600000

500000

400000

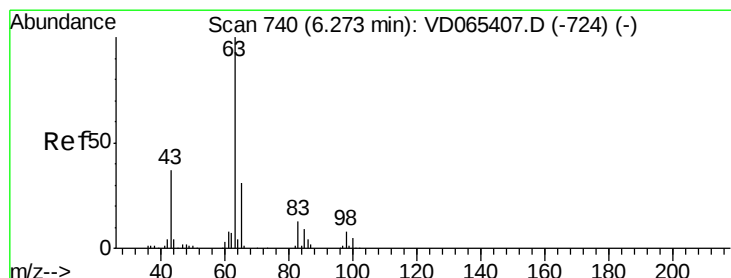
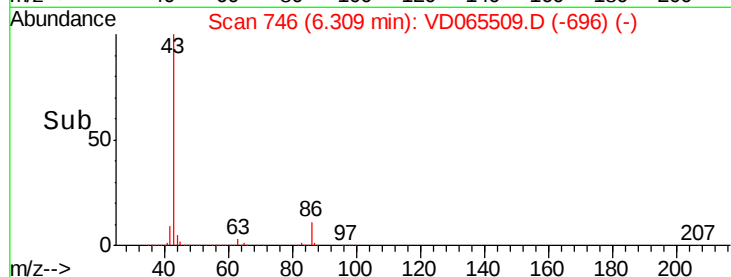
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.384 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

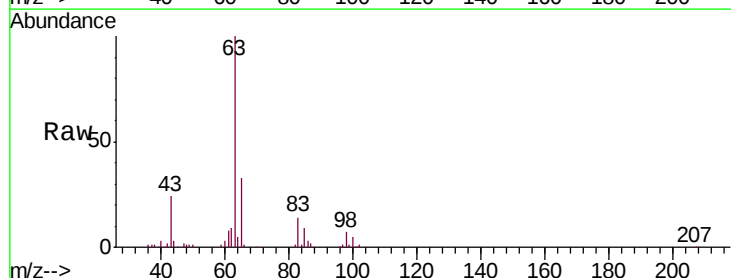
Tgt Ion: 63 Resp: 407497

Ion Ratio Lower Upper

63 100

98 7.3 4.2 12.6

100 5.3 2.4 7.2



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

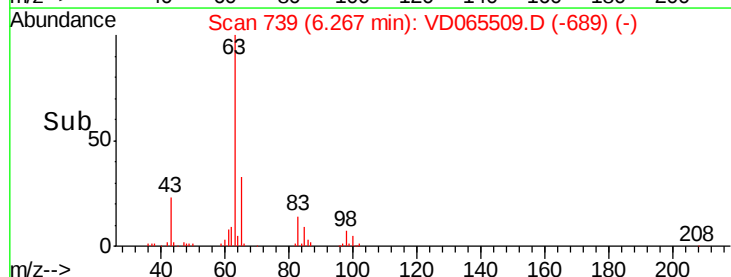
150000

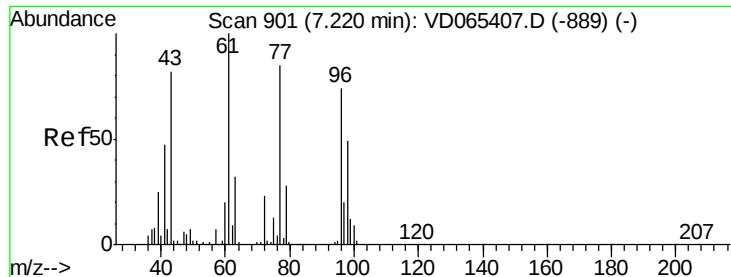
100000

50000

0

Time-->





#25

2-Butanone

Concen: 248.483 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

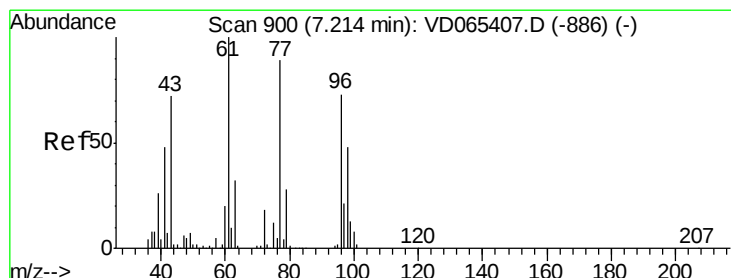
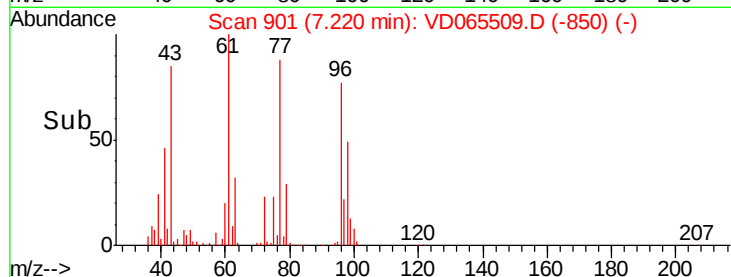
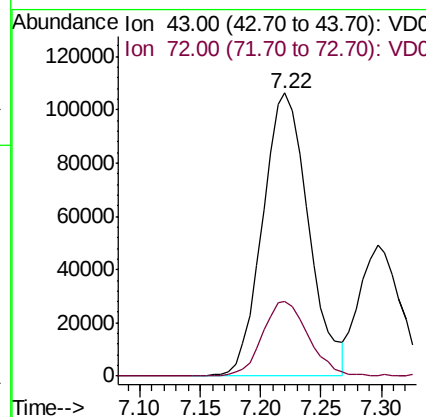
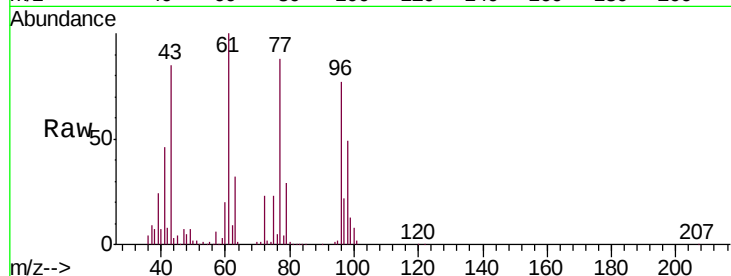
VSTDCCC050

Tgt Ion: 43 Resp: 279299

Ion Ratio Lower Upper

43 100

72 26.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 51.599 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065509.D

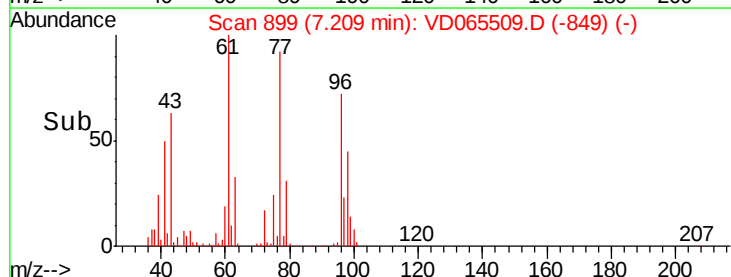
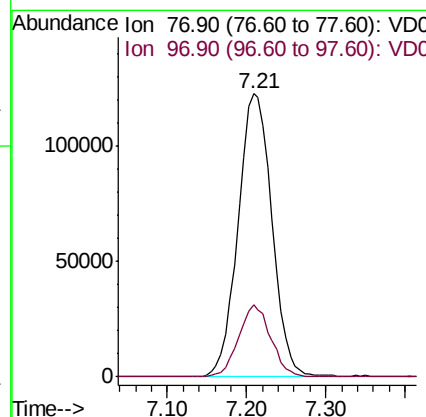
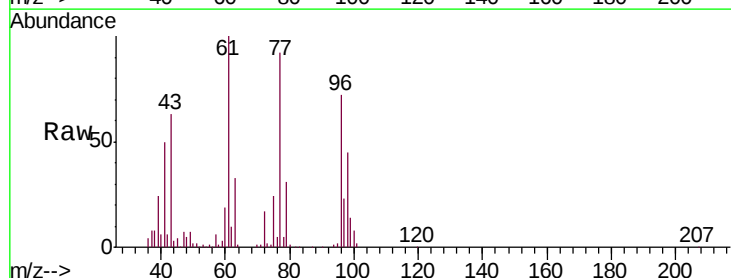
Acq: 16 Mar 2020 12:49

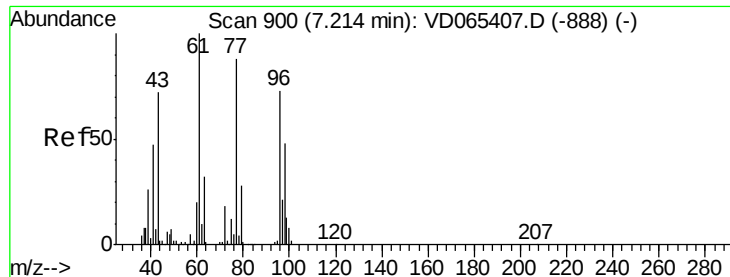
Tgt Ion: 77 Resp: 364689

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.4



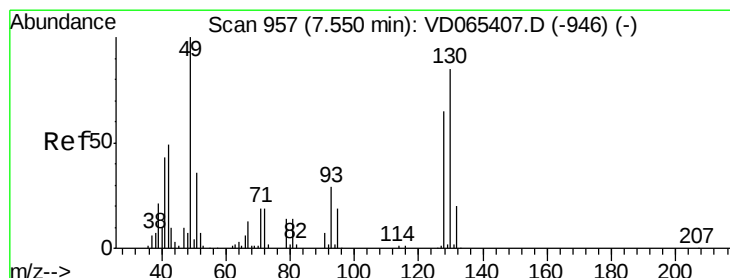
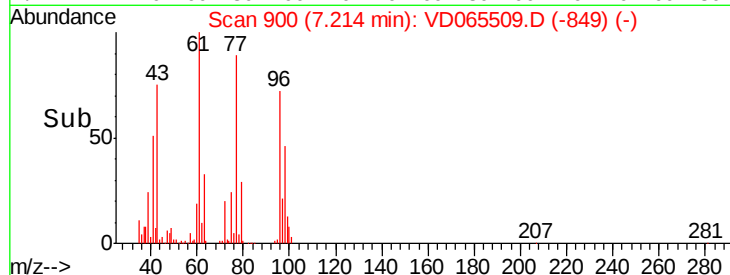
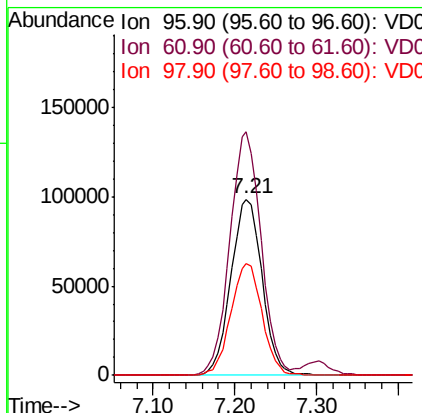
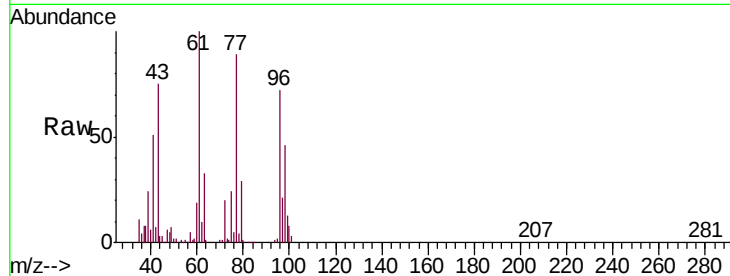


#27

cis-1,2-Dichloroethene
 Concen: 52.327 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

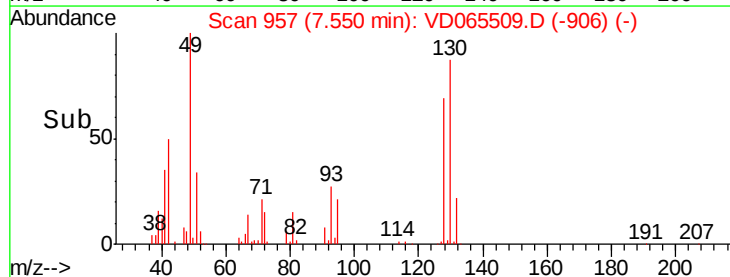
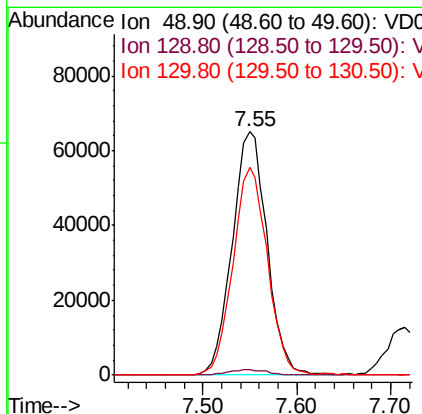
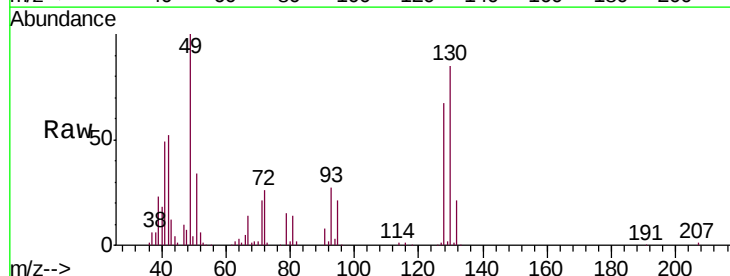
Tgt Ion: 96 Resp: 262716
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 280.4
 98 63.6 0.0 132.6

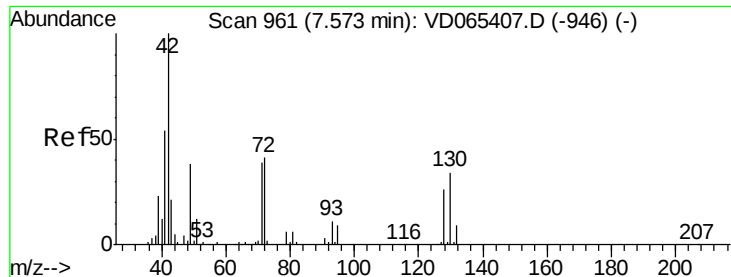


#28

Bromochloromethane
 Concen: 51.780 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 49 Resp: 167552
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 84.4 66.6 100.0

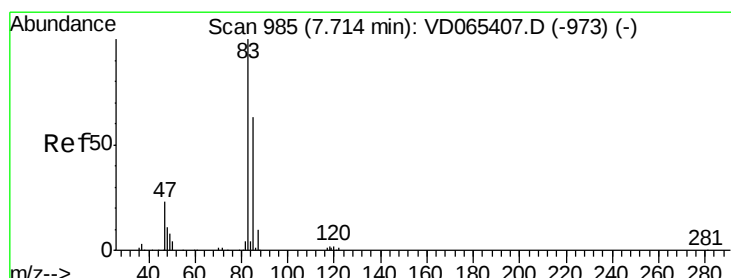
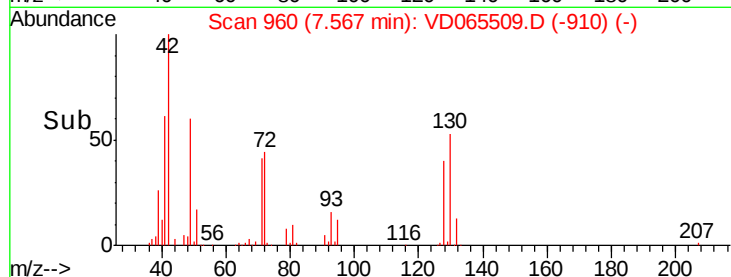
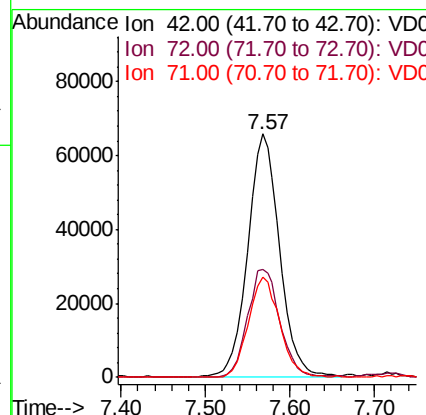
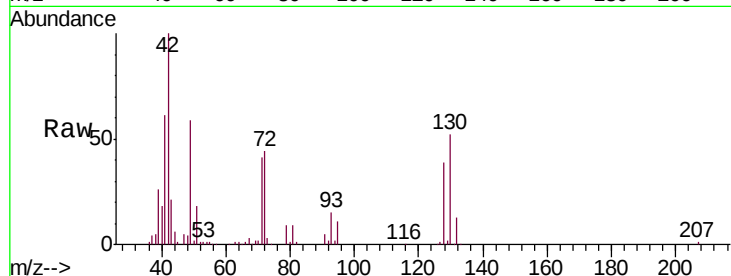




#29
Tetrahydrofuran
Concen: 240.910 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

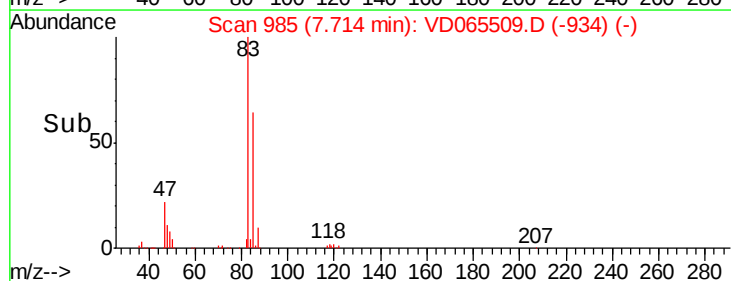
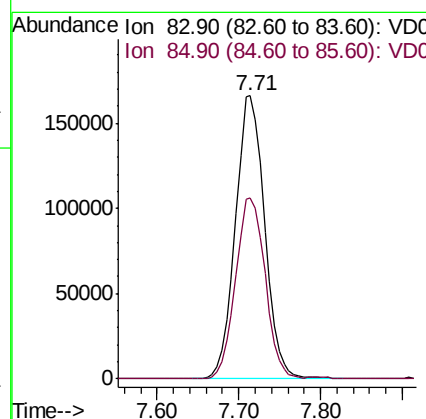
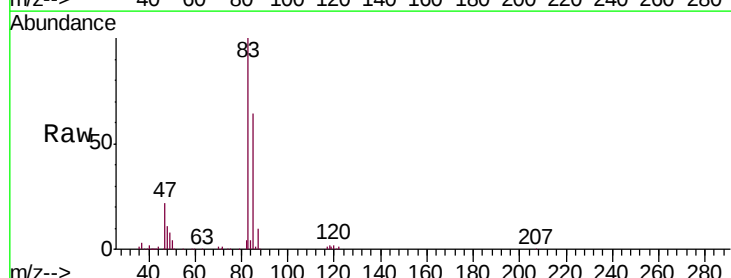
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

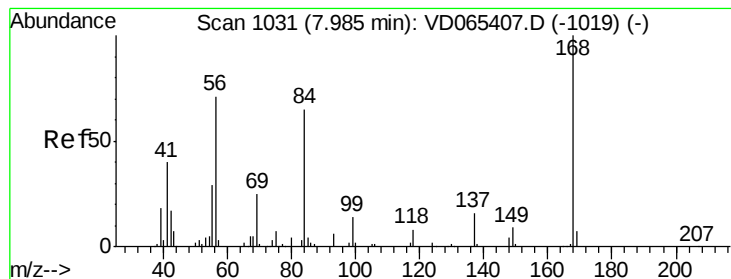
Tgt Ion: 42 Resp: 172927
Ion Ratio Lower Upper
42 100
72 45.1 33.0 49.6
71 40.4 32.0 48.0



#30
Chloroform
Concen: 51.177 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 83 Resp: 413709
Ion Ratio Lower Upper
83 100
85 63.8 50.3 75.5





#31

Cyclohexane

Concen: 47.639 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

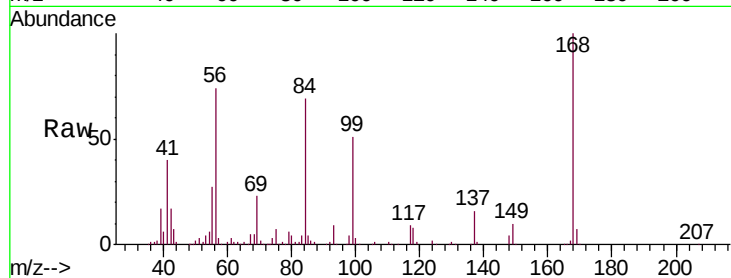
Tgt Ion: 56 Resp: 385266

Ion Ratio Lower Upper

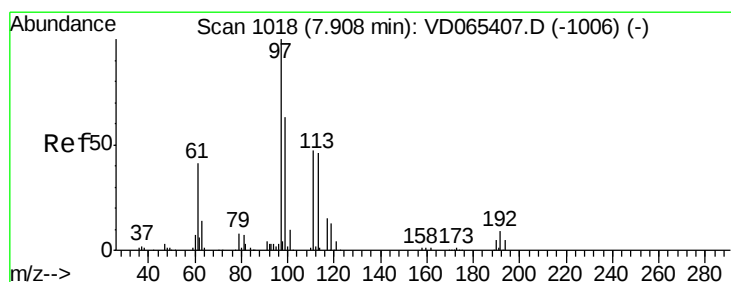
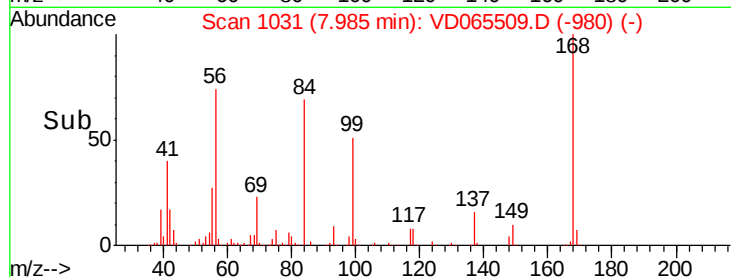
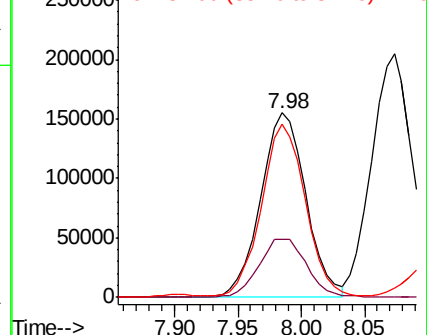
56 100

69 31.6 28.3 42.5

84 92.9 73.1 109.7



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: 51.212 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

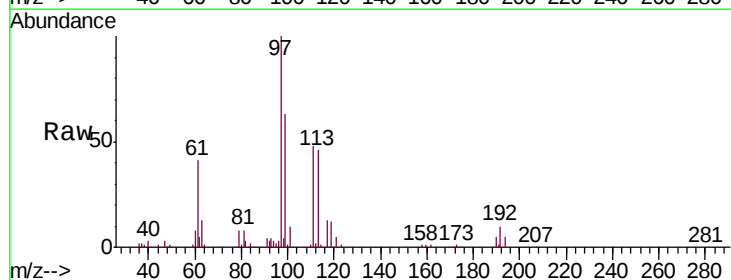
Tgt Ion: 97 Resp: 382585

Ion Ratio Lower Upper

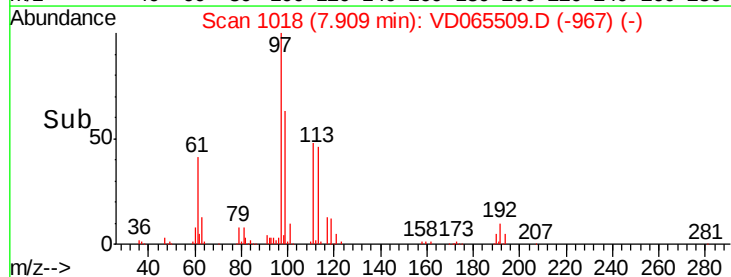
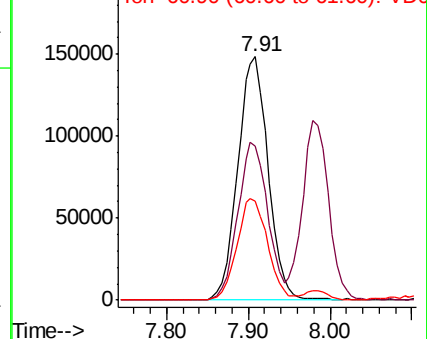
97 100

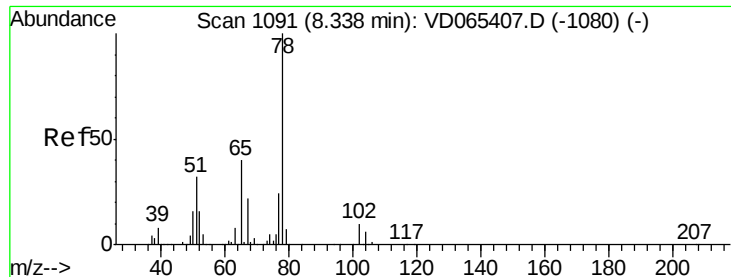
99 63.8 50.9 76.3

61 42.2 33.2 49.8



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: 46.049 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

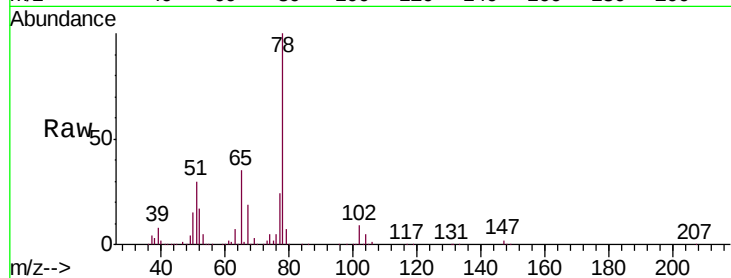
VSTDCCC050

Tgt Ion: 65 Resp: 187545

Ion Ratio Lower Upper

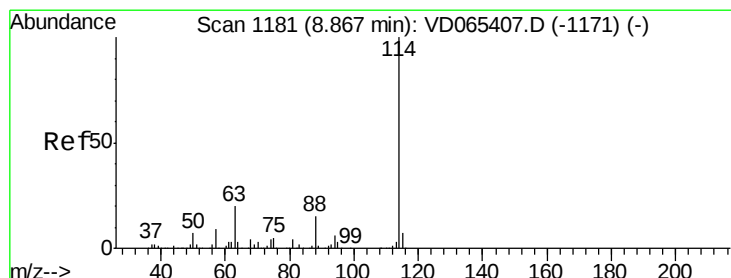
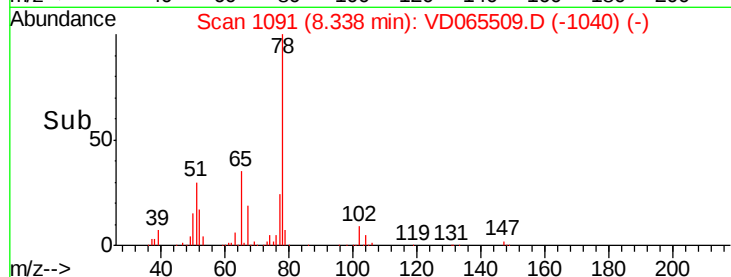
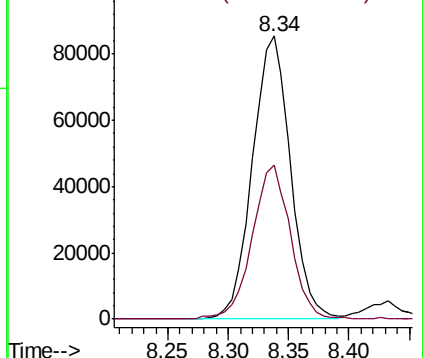
65 100

67 55.1 0.0 108.0



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: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

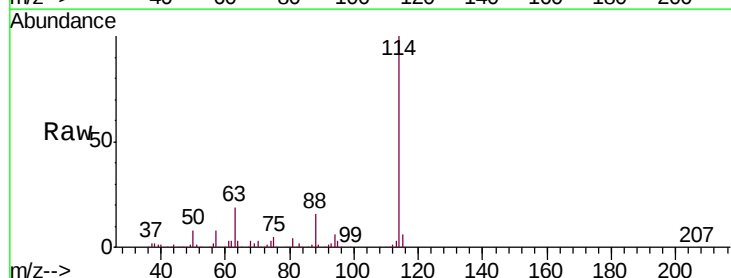
Tgt Ion: 114 Resp: 664670

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

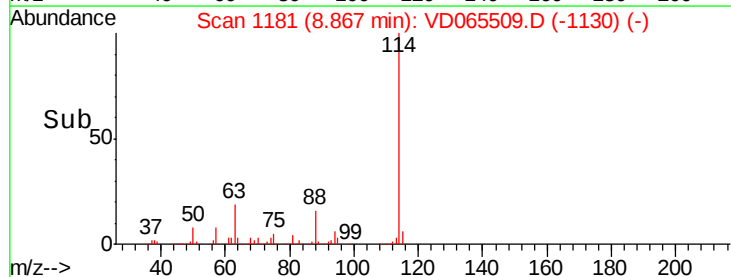
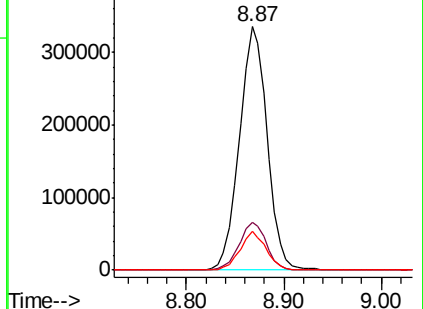
88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

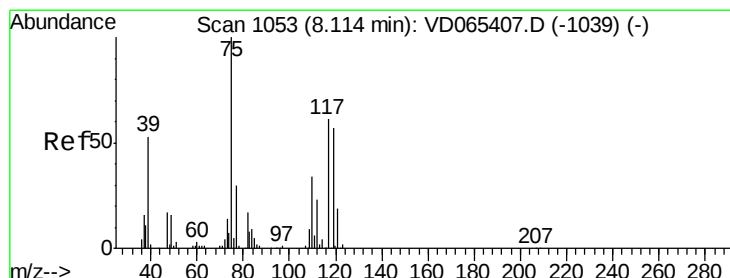
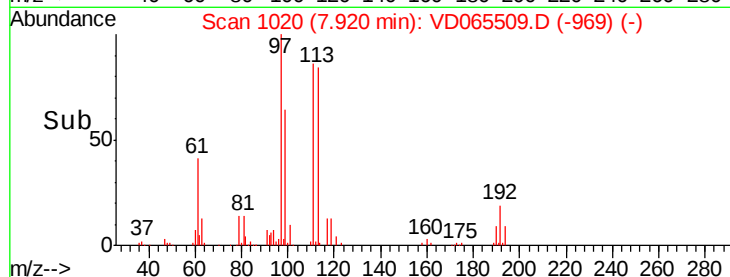
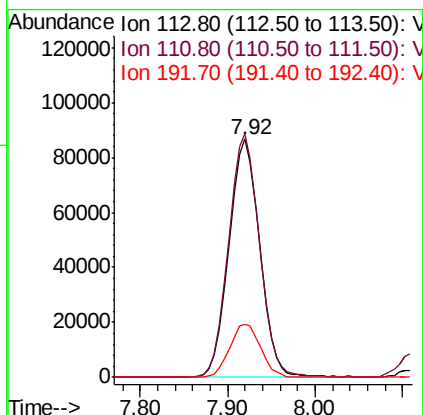
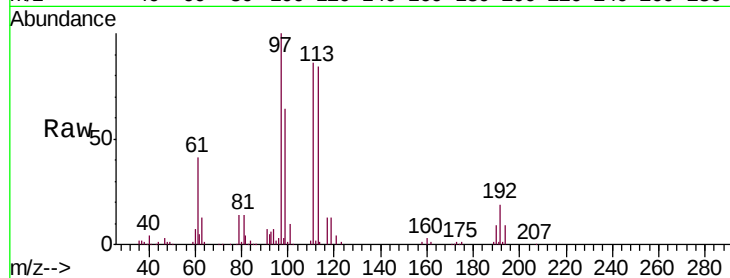




#35
 Dibromofluoromethane
 Concen: 50.417 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

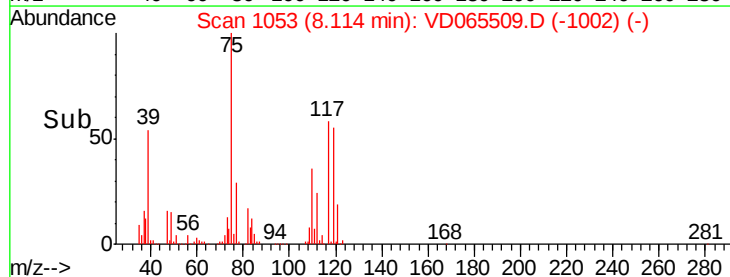
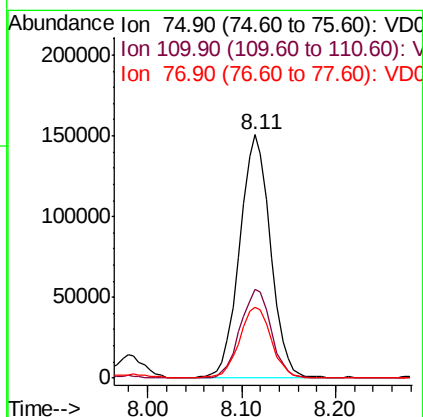
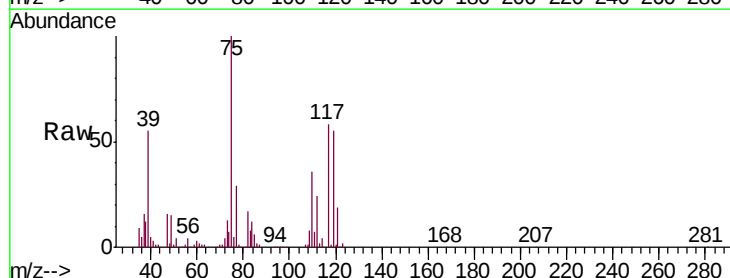
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

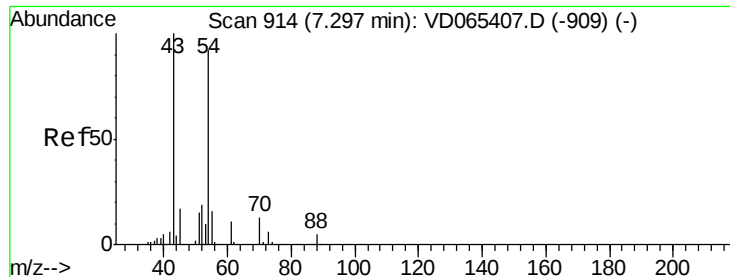
Tgt Ion: 113 Resp: 207234
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 22.3 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 53.591 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 75 Resp: 341443
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.1
 77 30.4 25.2 37.8

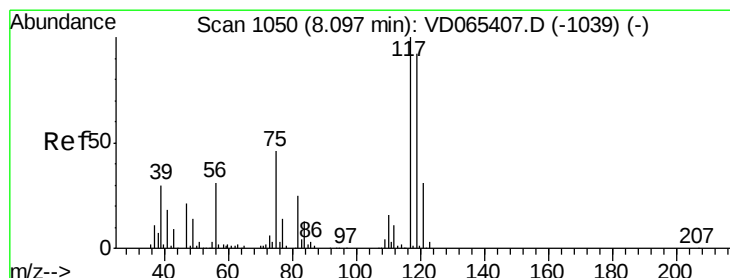
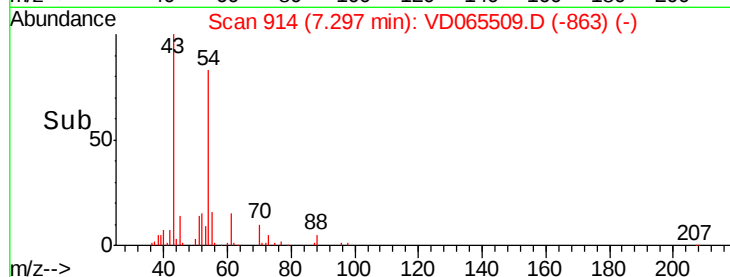
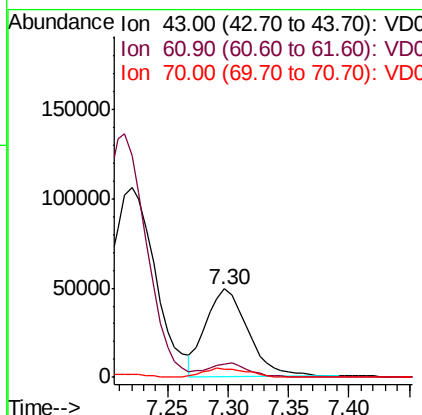
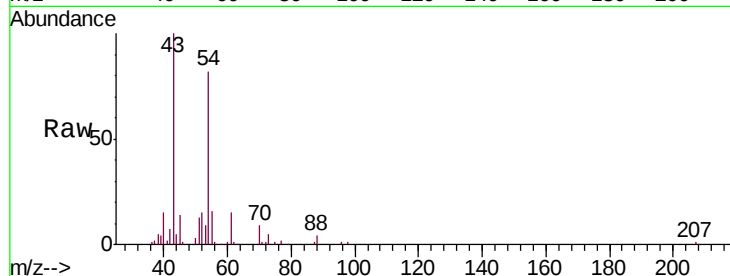




#37
 Ethyl Acetate
 Concen: 48.440 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

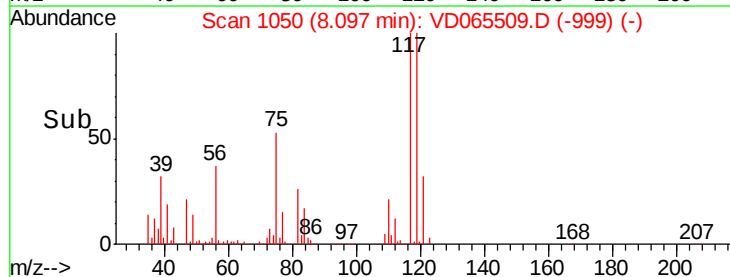
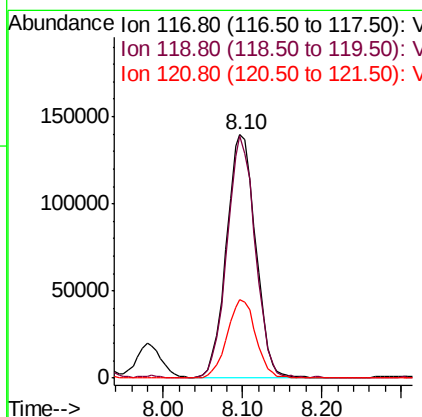
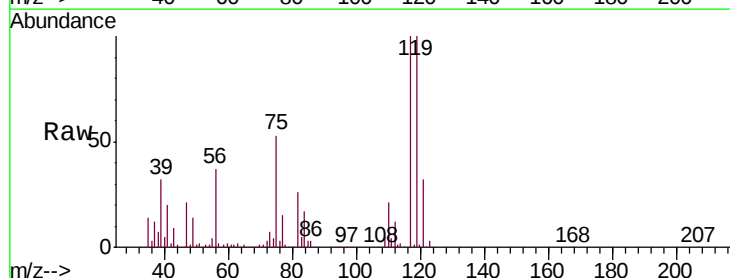
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

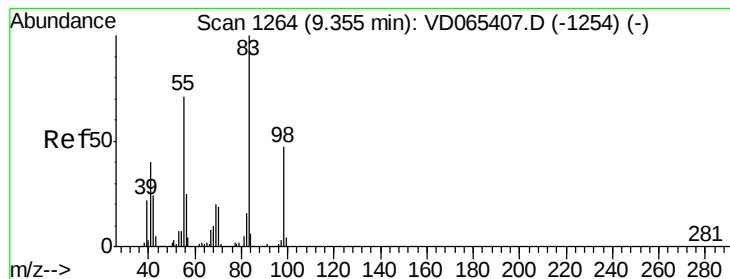
Tgt Ion: 43 Resp: 119287
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.4 17.0
 70 11.0 9.0 13.4



#38
 Carbon Tetrachloride
 Concen: 53.609 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 117 Resp: 354187
 Ion Ratio Lower Upper
 117 100
 119 99.8 73.3 109.9
 121 32.4 25.0 37.4





#39

Methylcyclohexane

Concen: 53.234 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

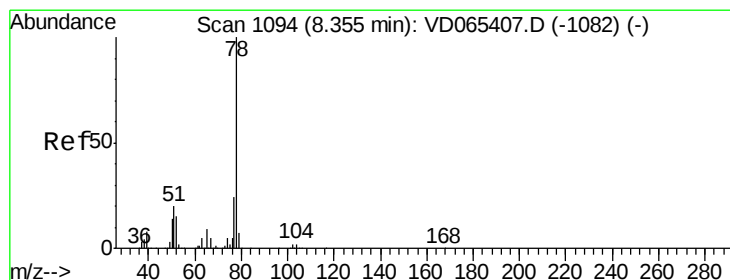
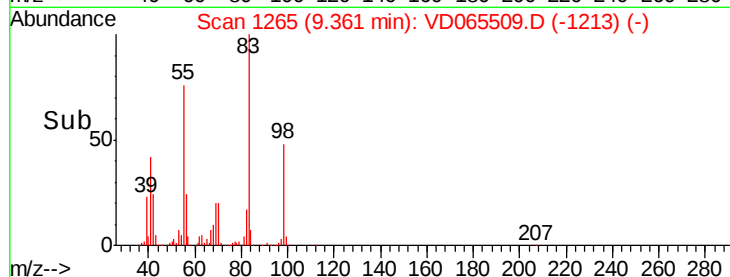
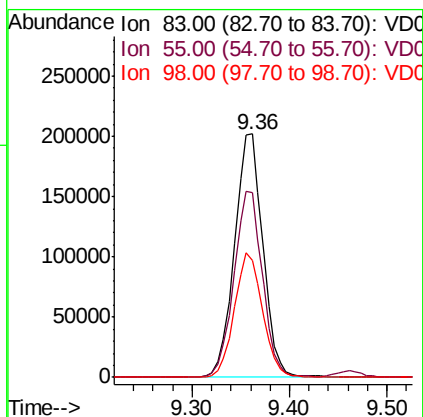
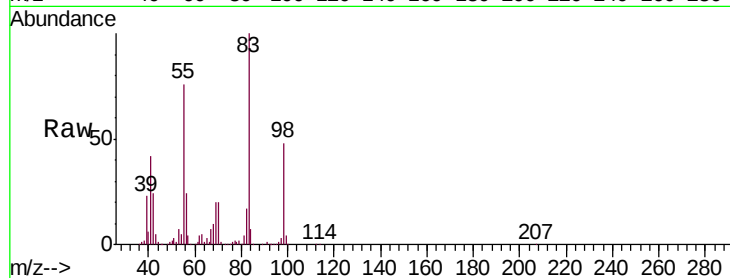
Tgt Ion: 83 Resp: 409645

Ion Ratio Lower Upper

83 100

55 75.9 57.1 85.7

98 48.2 37.8 56.8



#40

Benzene

Concen: 53.908 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD065509.D

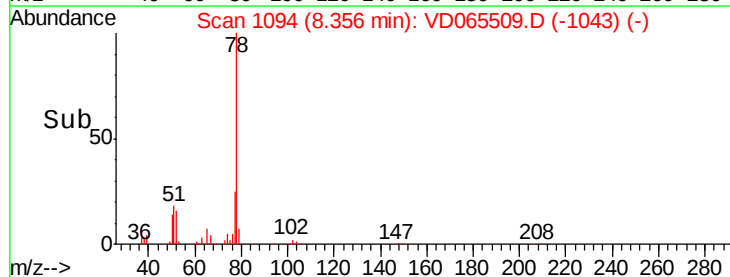
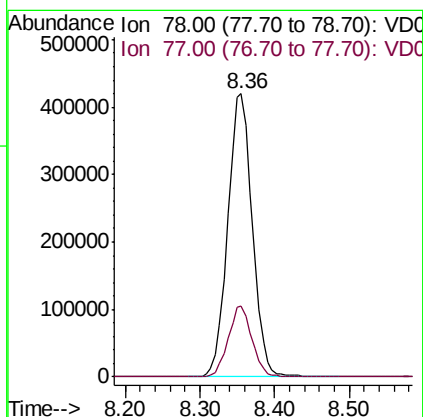
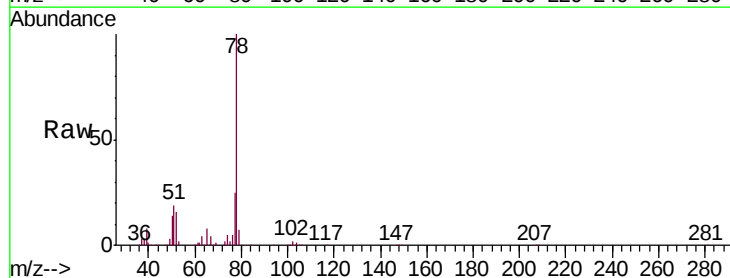
Acq: 16 Mar 2020 12:49

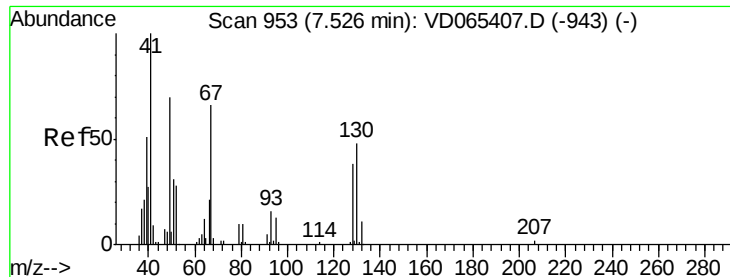
Tgt Ion: 78 Resp: 960314

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

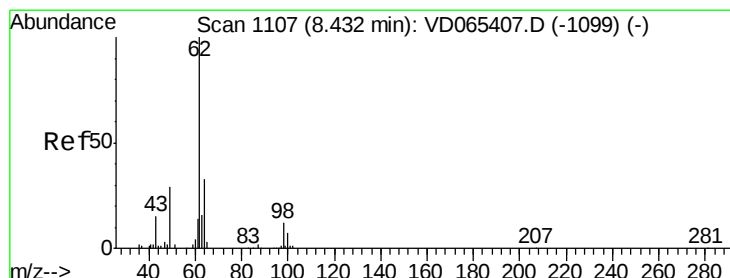
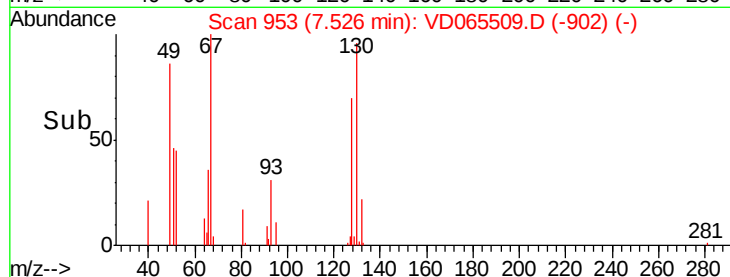
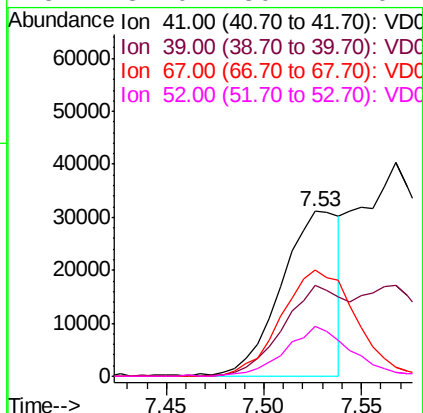
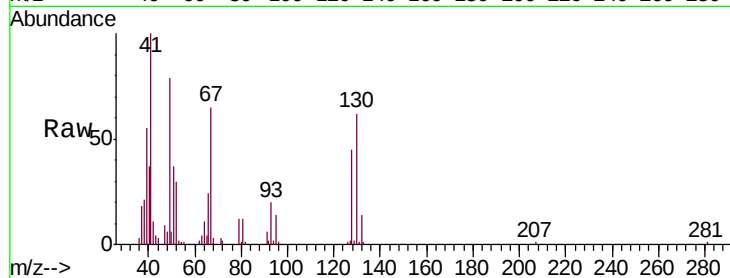




#41
Methacrylonitrile
Concen: 49.732 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

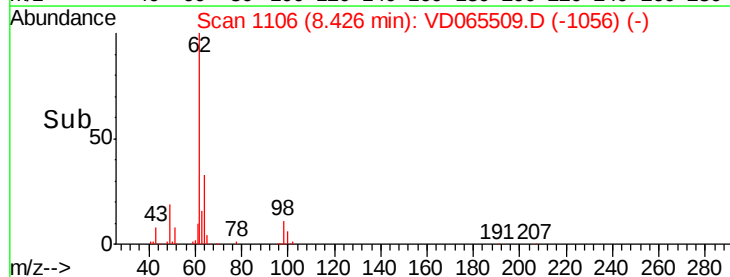
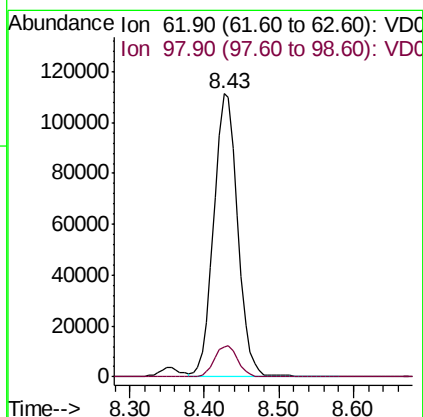
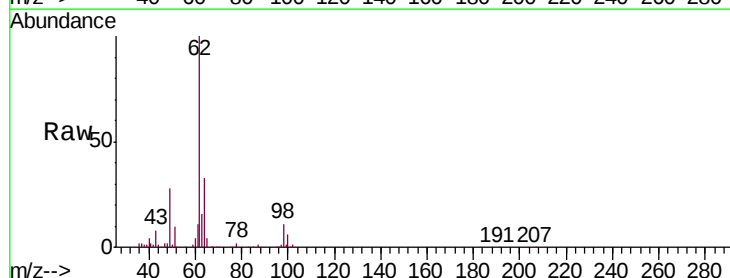
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

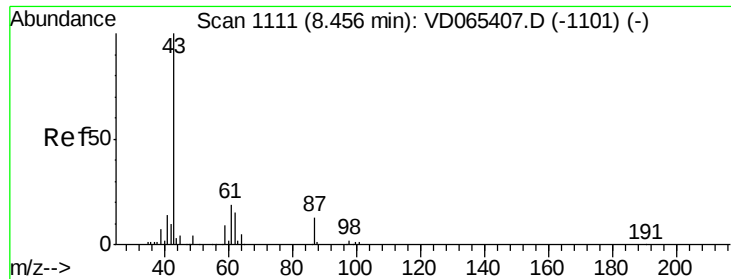
Tgt Ion:	41	Resp:	64769
Ion	Ratio	Lower	Upper
41	100		
39	59.9	55.0	82.6
67	82.5	70.3	105.5
52	34.0	30.7	46.1



#42
1,2-Dichloroethane
Concen: 53.441 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion:	62	Resp:	248588
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





#43

Isopropyl Acetate

Concen: 49.741 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

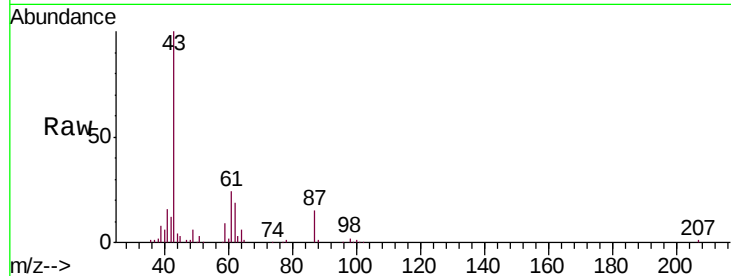
Tgt Ion: 43 Resp: 226175

Ion Ratio Lower Upper

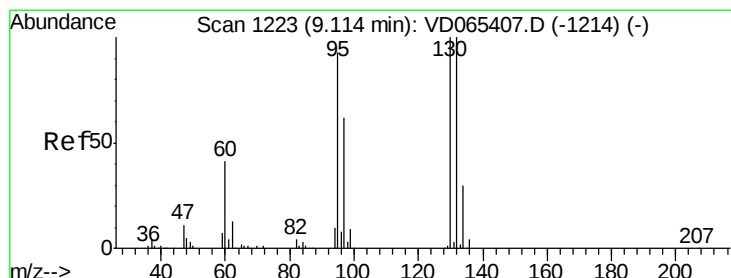
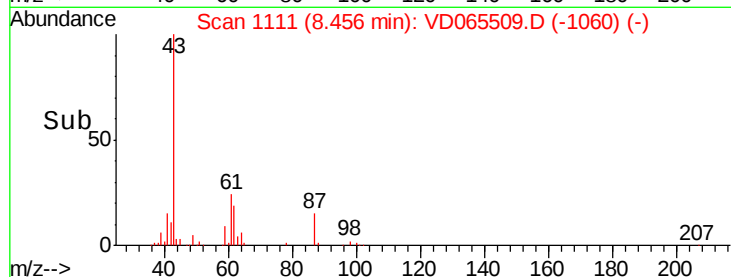
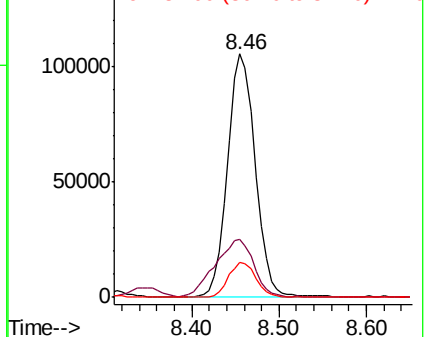
43 100

61 32.6 25.0 37.6

87 14.2 11.0 16.4



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



#44

Trichloroethene

Concen: 53.706 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065509.D

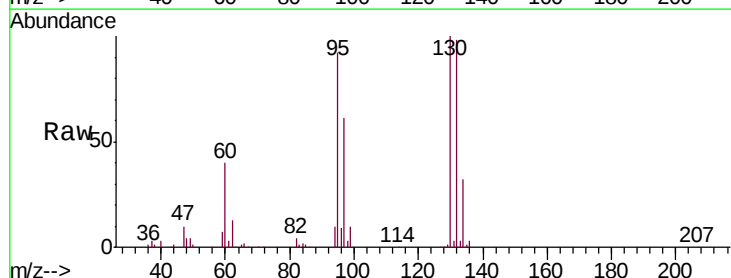
Acq: 16 Mar 2020 12:49

Tgt Ion: 130 Resp: 270178

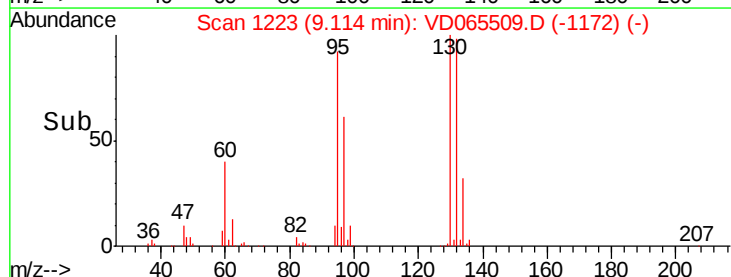
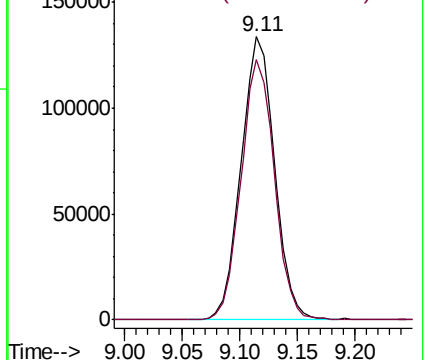
Ion Ratio Lower Upper

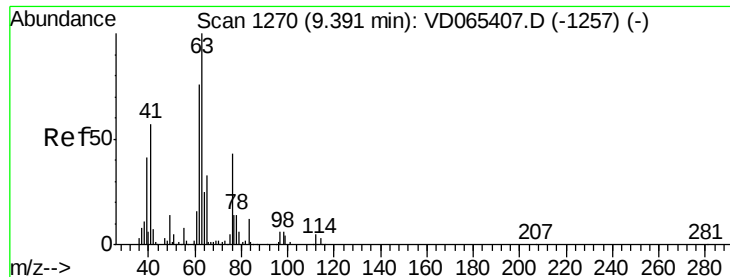
130 100

95 91.9 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

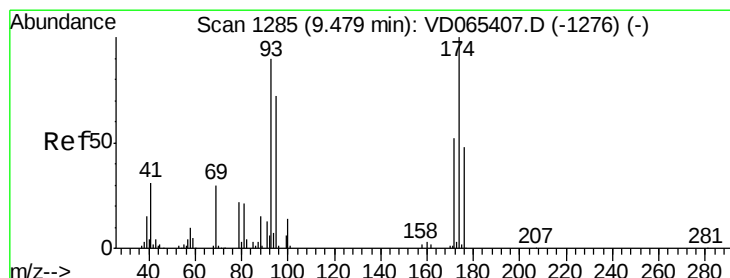
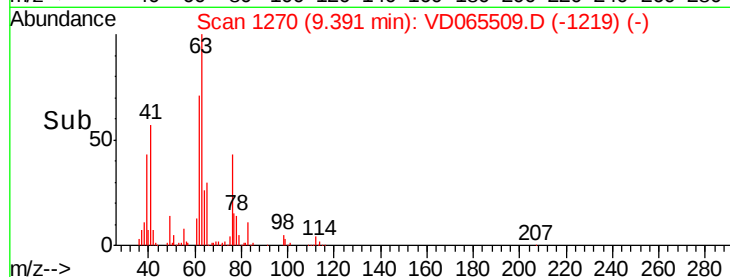
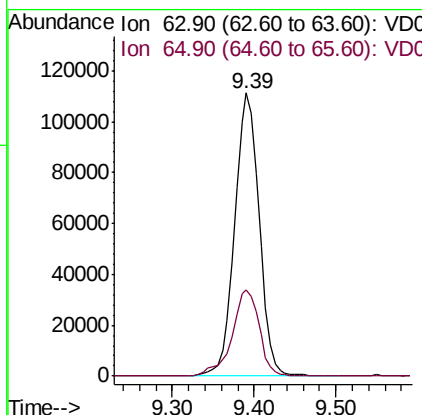
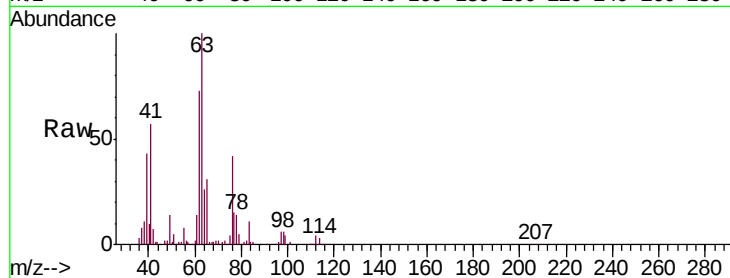




#45
 1,2-Dichloropropane
 Concen: 53.856 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

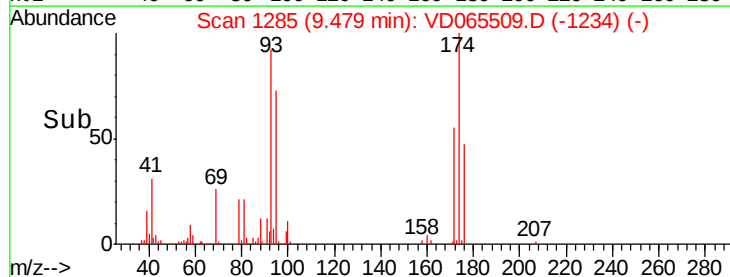
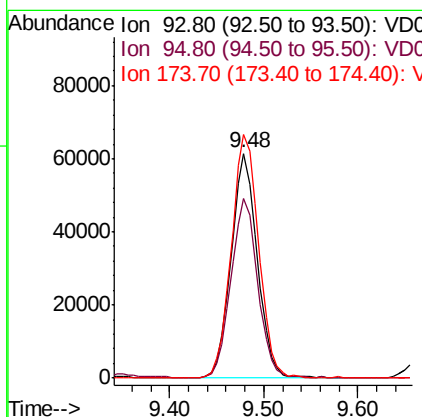
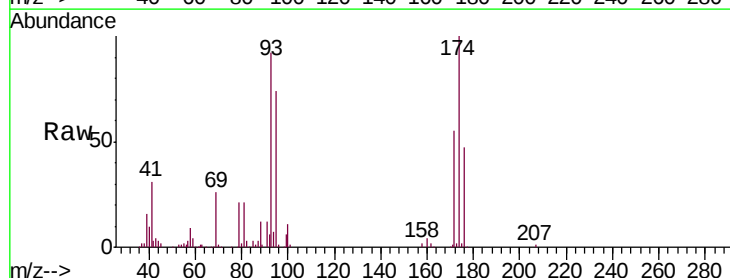
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 232394
 Ion Ratio Lower Upper
 63 100
 65 30.5 26.4 39.6



#46
 Dibromomethane
 Concen: 53.045 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 93 Resp: 118729
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.0 97.6
 174 112.9 88.3 132.5





#47

Bromodichloromethane

Concen: 53.432 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

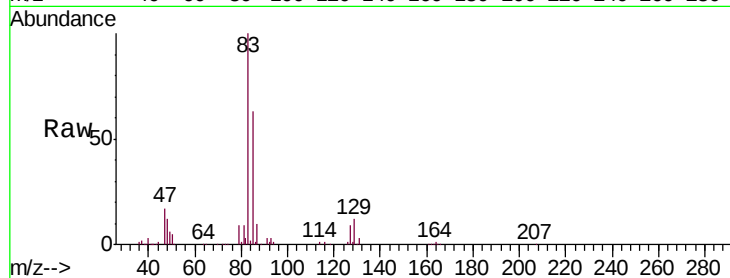
Tgt Ion: 83 Resp: 311134

Ion Ratio Lower Upper

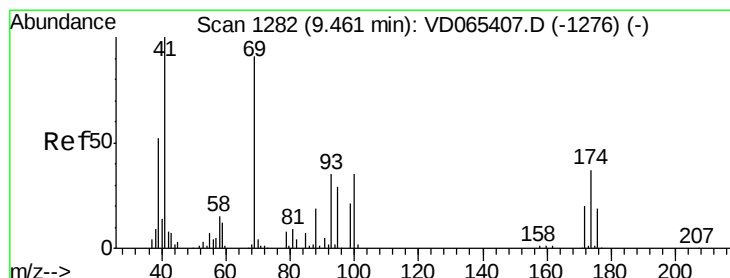
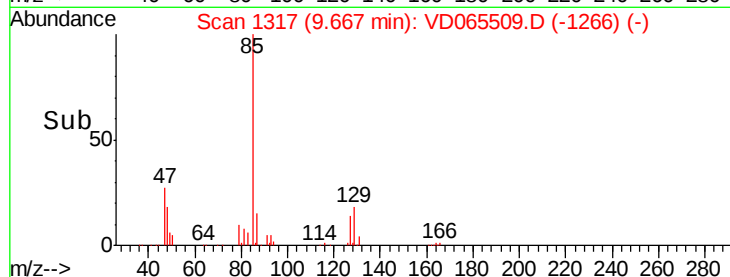
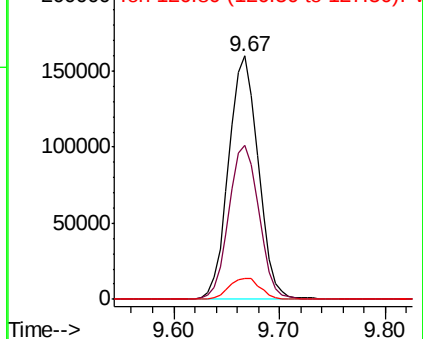
83 100

85 63.3 52.8 79.2

127 8.7 8.0 12.0



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: 50.975 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

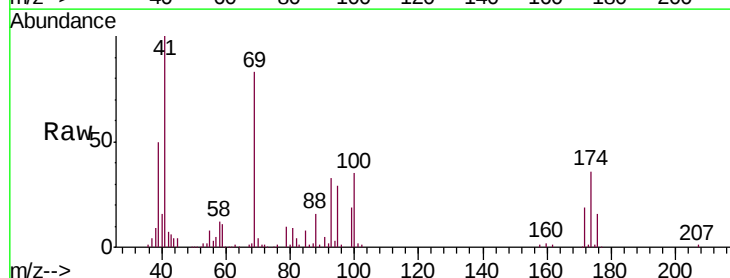
Tgt Ion: 41 Resp: 109030

Ion Ratio Lower Upper

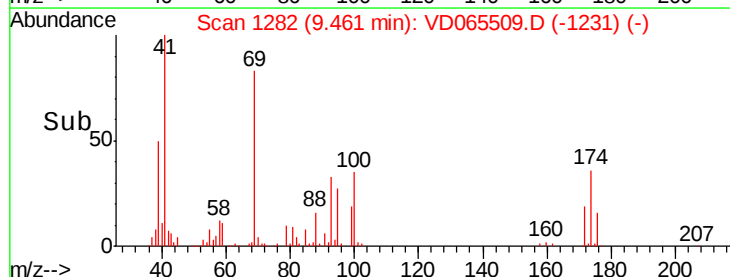
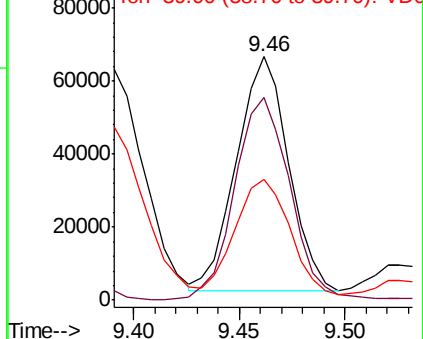
41 100

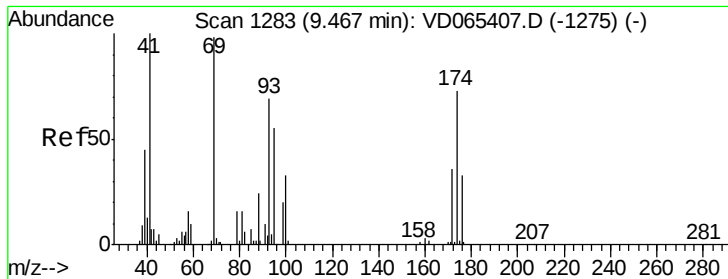
69 93.8 72.5 108.7

39 50.8 41.6 62.4



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

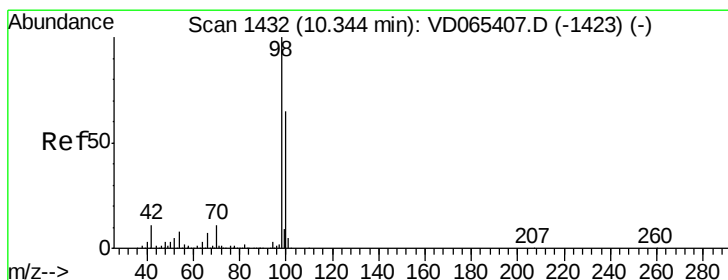
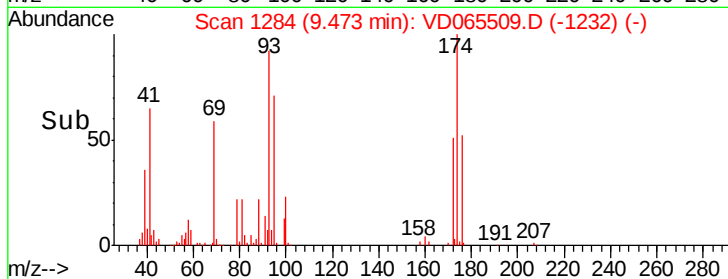
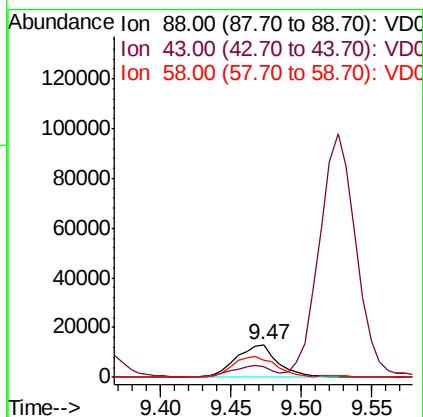
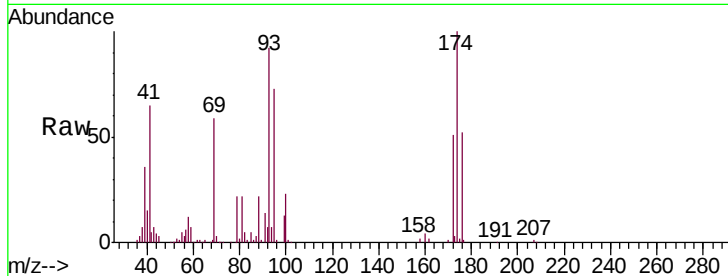




#49
1,4-Dioxane
Concen: 1058.570 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

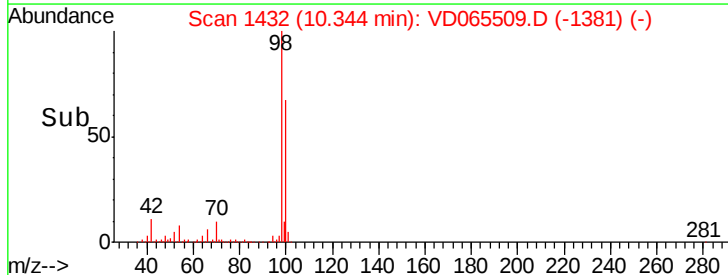
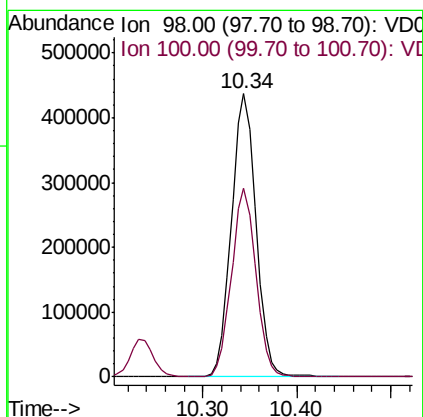
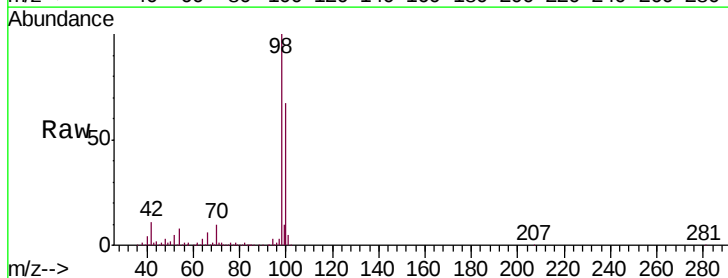
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

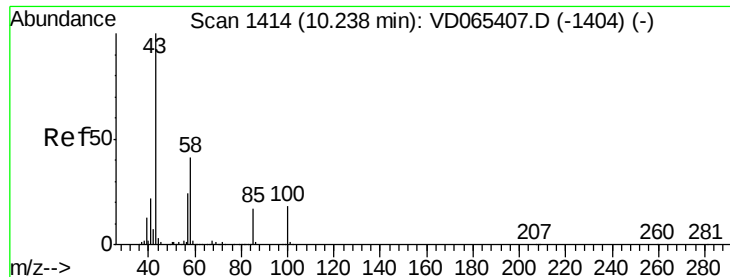
Tgt Ion: 88 Resp: 27102
Ion Ratio Lower Upper
88 100
43 31.2 24.5 36.7
58 67.4 54.5 81.7



#50
Toluene-d8
Concen: 50.437 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 98 Resp: 795334
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2

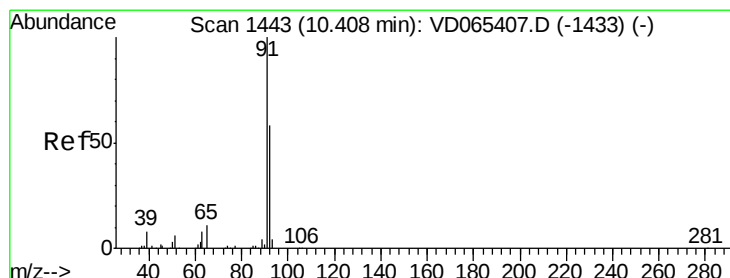
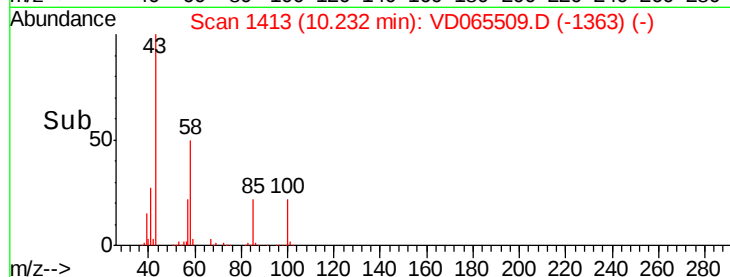
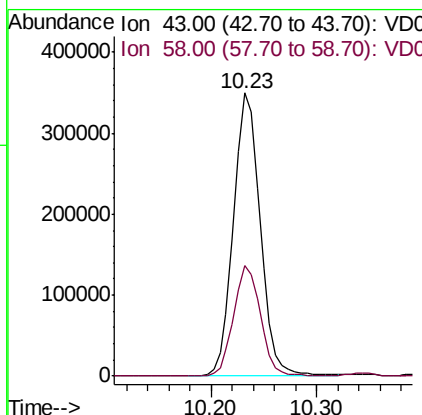
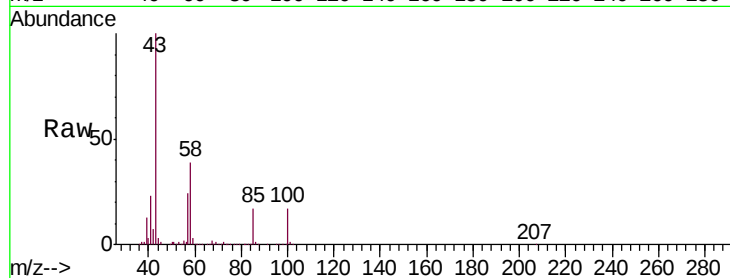




#51
 4-Methyl-2-Pentanone
 Concen: 267.930 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

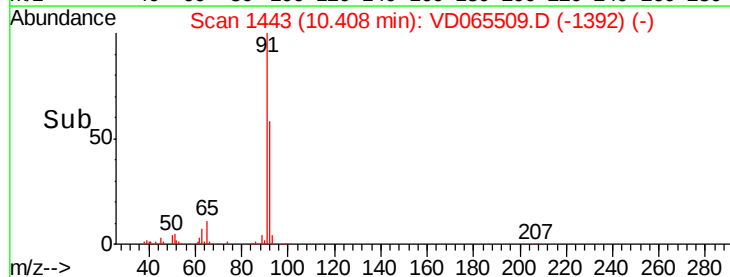
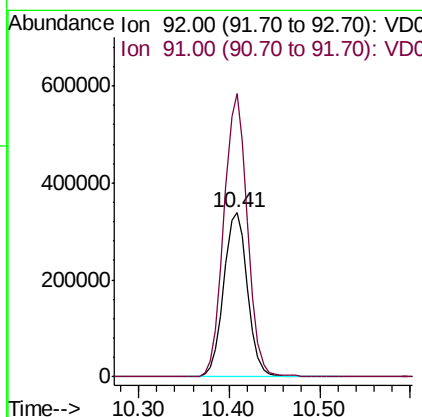
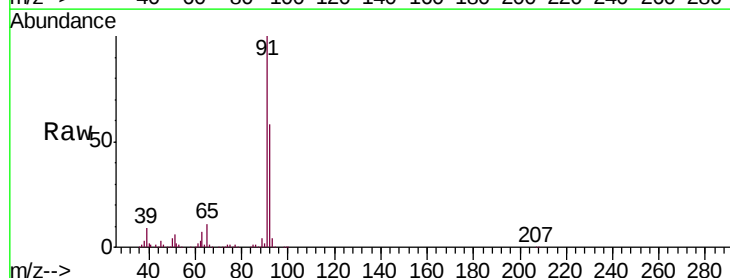
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

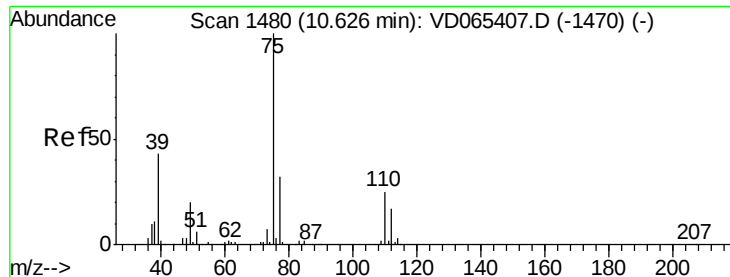
Tgt Ion: 43 Resp: 613068
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 54.903 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 92 Resp: 616129
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 54.357 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

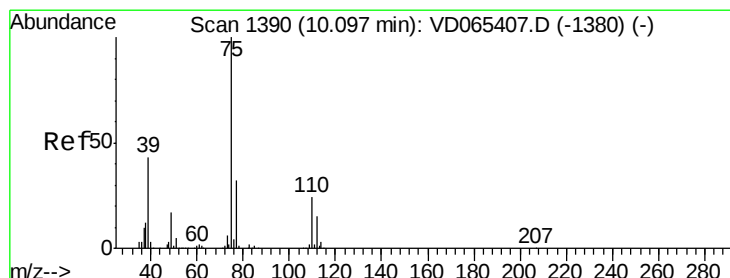
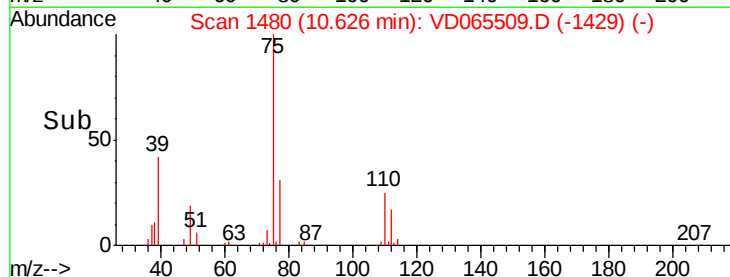
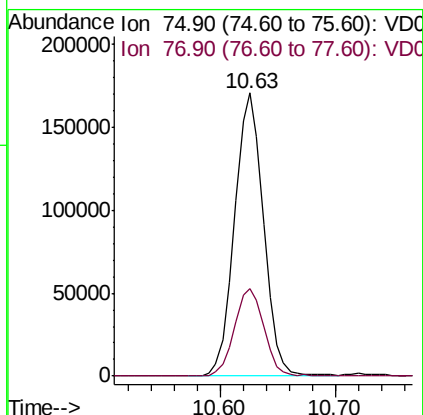
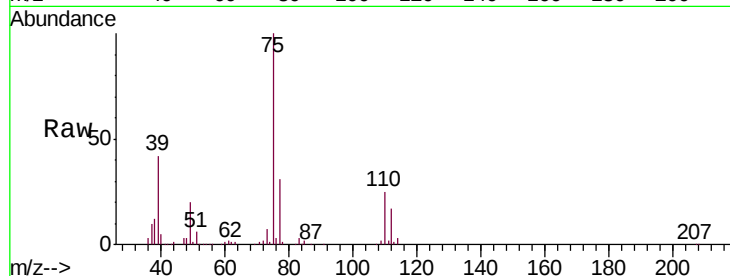
VSTDCCC050

Tgt Ion: 75 Resp: 295790

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.483 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

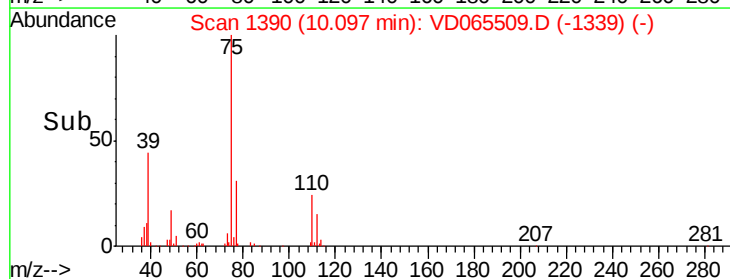
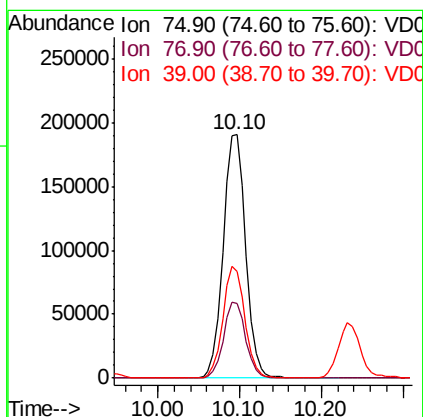
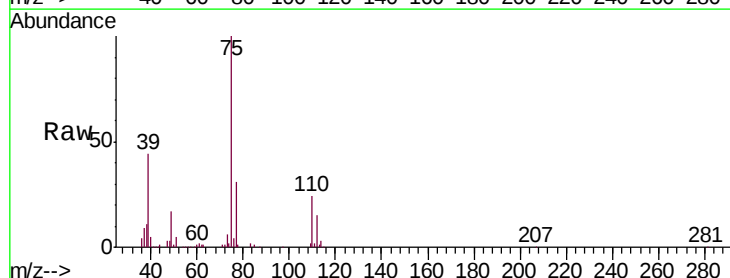
Tgt Ion: 75 Resp: 365452

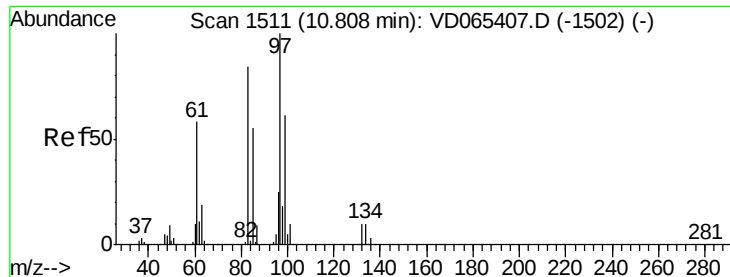
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

39 43.9 34.6 52.0

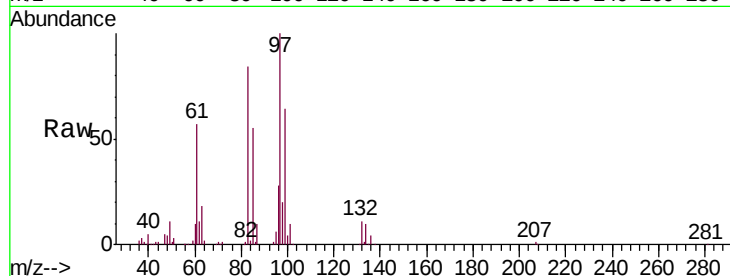




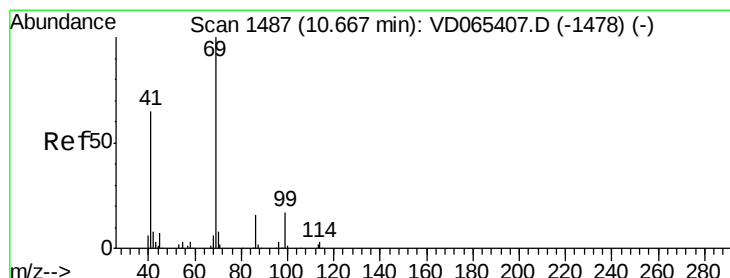
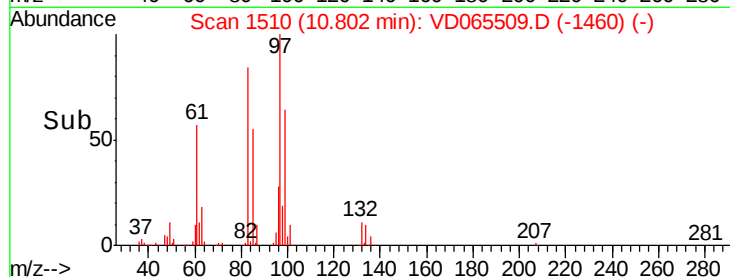
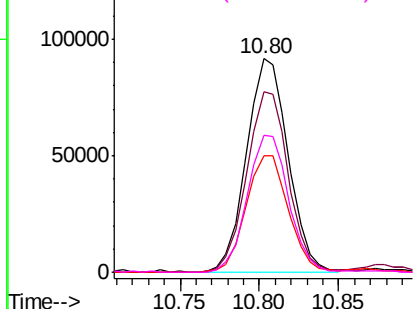
#55
 1,1,2-Trichloroethane
 Concen: 52.364 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	166000
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.0
85	55.0	43.8	65.8
99	64.5	48.8	73.2

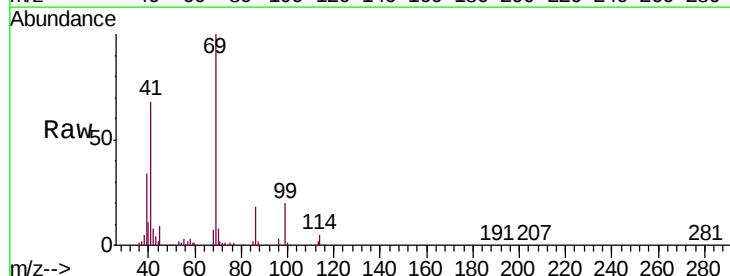


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

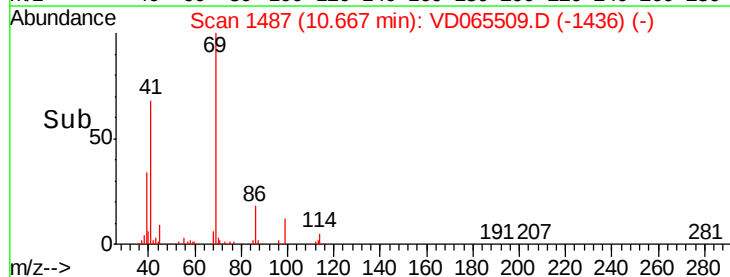
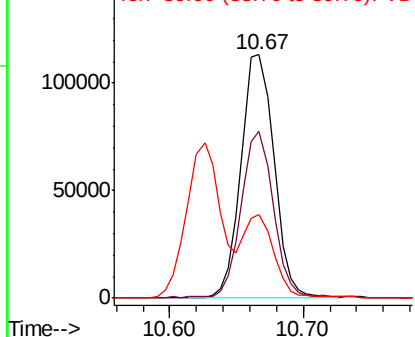


#56
 Ethyl methacrylate
 Concen: 54.556 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion:	69	Resp:	194973
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.0	79.6
39	30.3	26.0	39.0



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

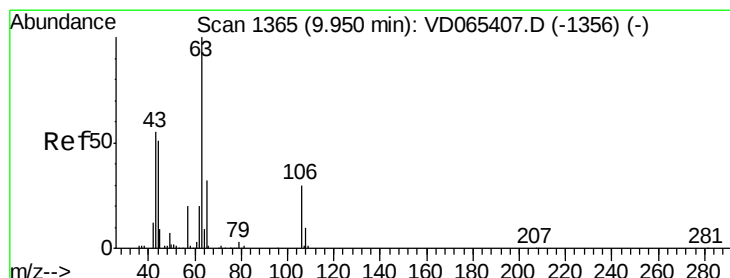
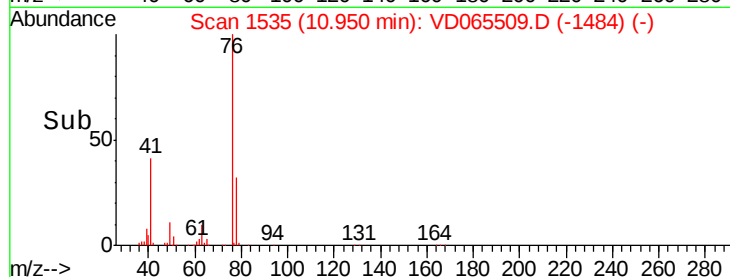
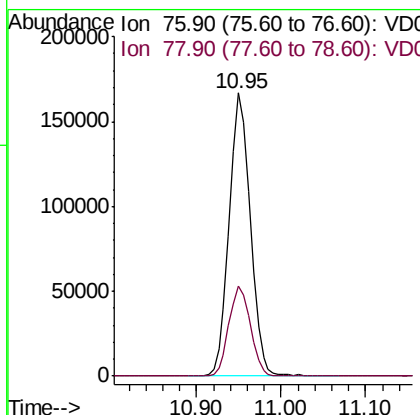
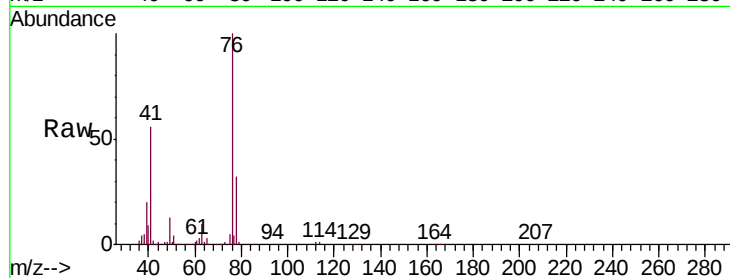




#57
 1,3-Dichloropropane
 Concen: 53.638 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

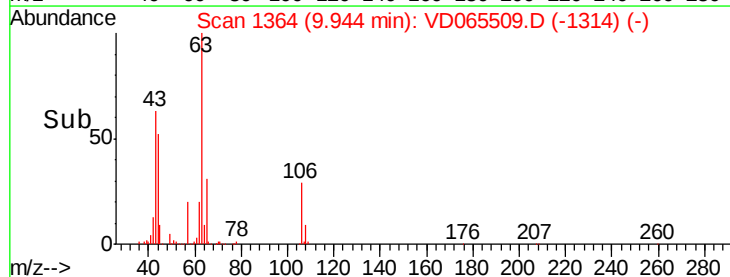
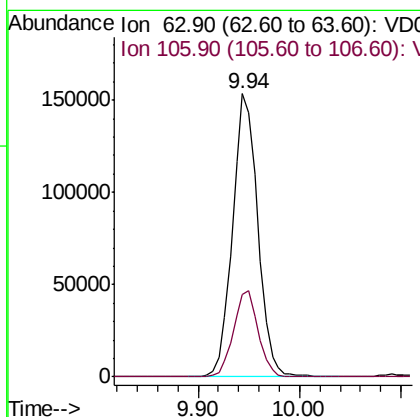
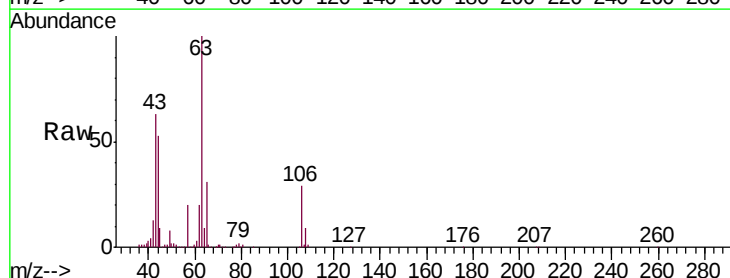
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

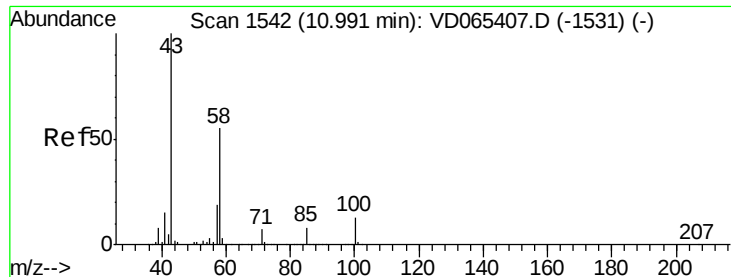
Tgt Ion: 76 Resp: 287705
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.353 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 63 Resp: 264994
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.3 34.9

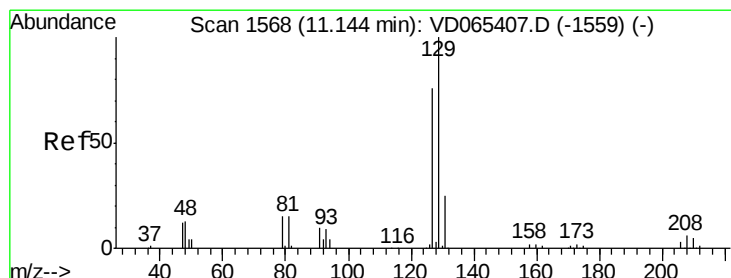
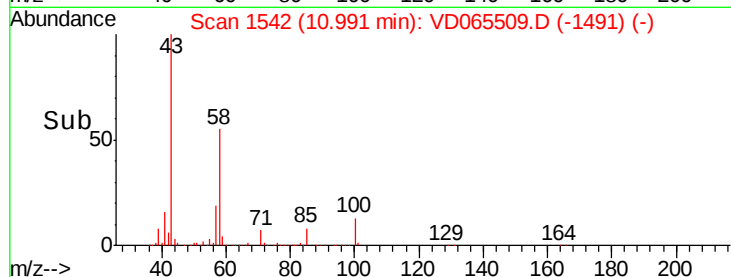
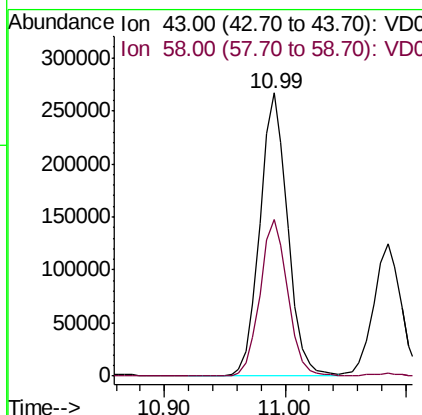
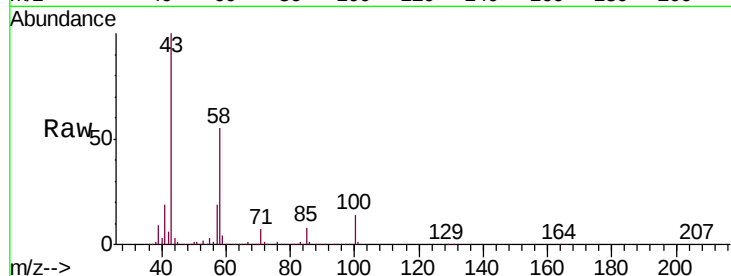




#59
2-Hexanone
Concen: 270.632 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

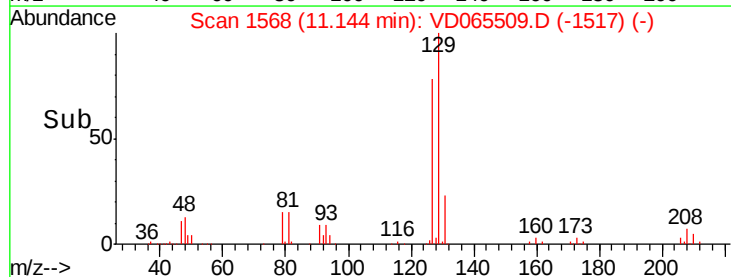
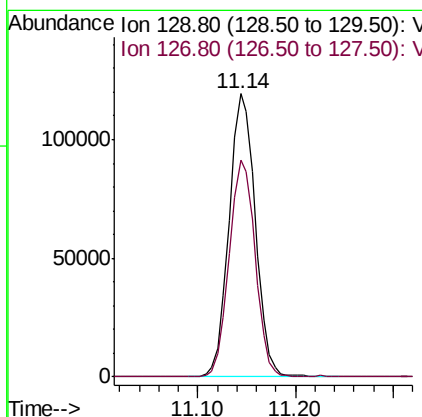
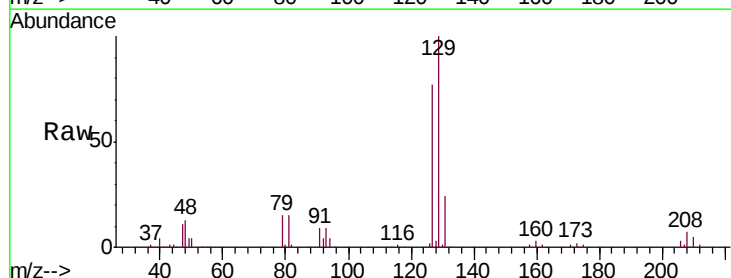
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

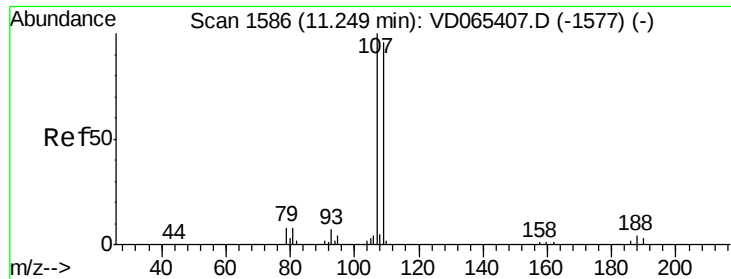
Tgt Ion: 43 Resp: 428671
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.2



#60
Dibromochloromethane
Concen: 54.722 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 129 Resp: 222370
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

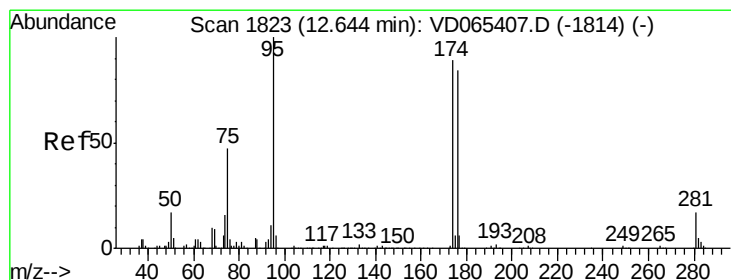
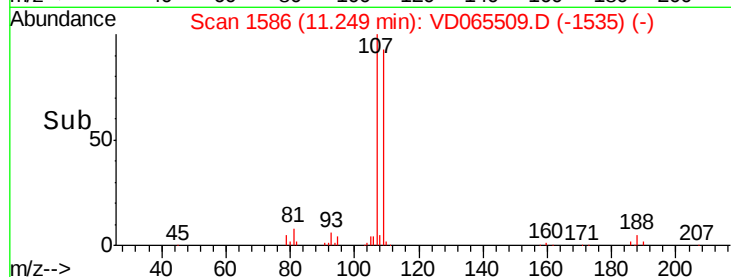
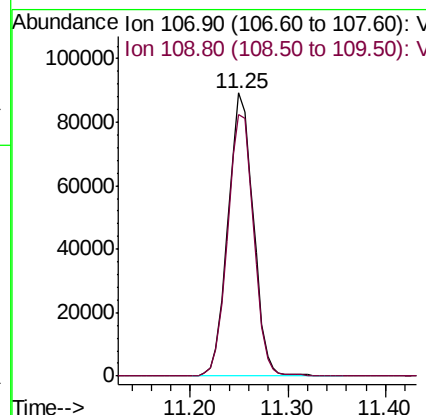
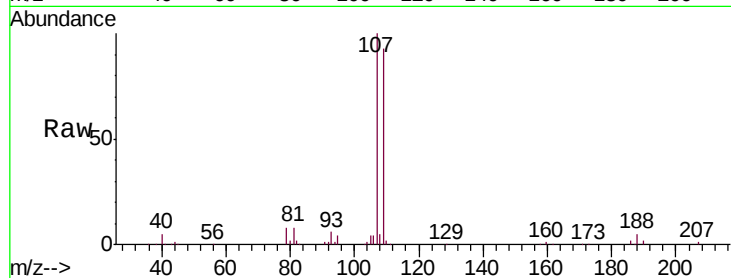




#61
 1,2-Dibromoethane
 Concen: 53.130 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

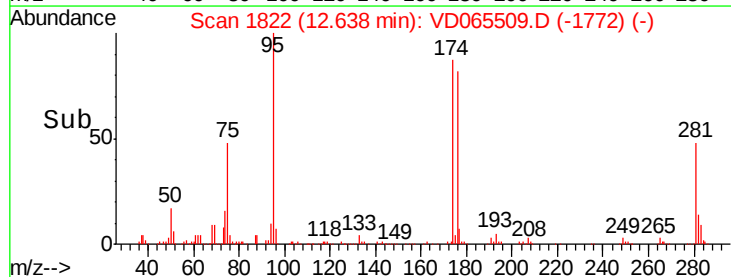
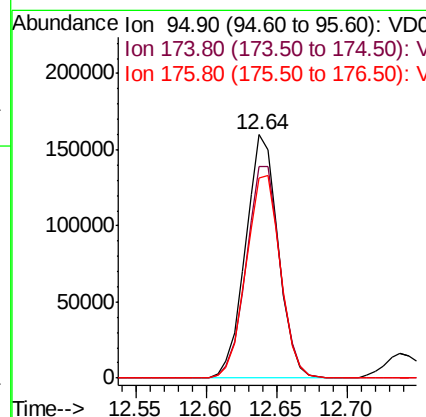
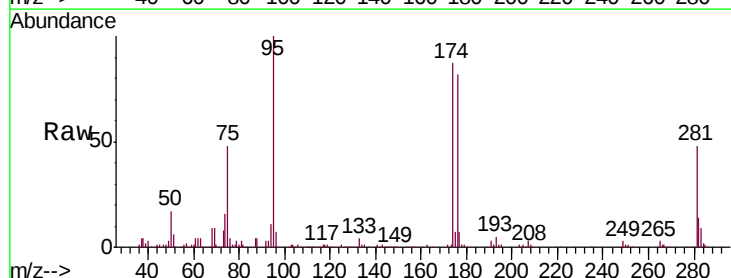
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 160656
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 53.275 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 95 Resp: 259344
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 176.8
 176 87.3 0.0 171.4

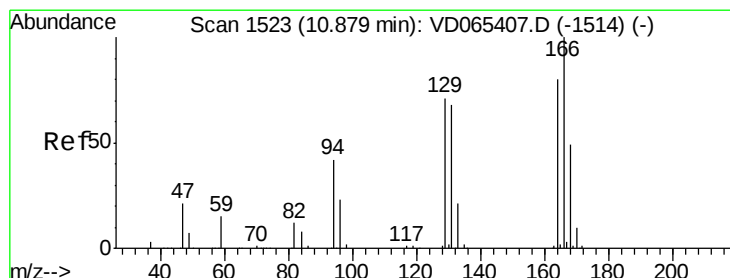
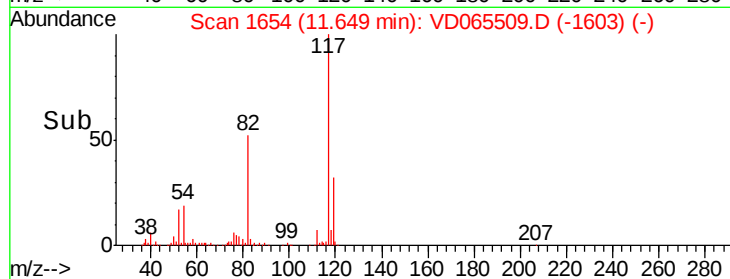
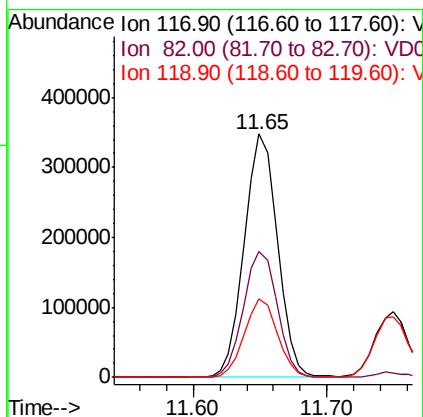
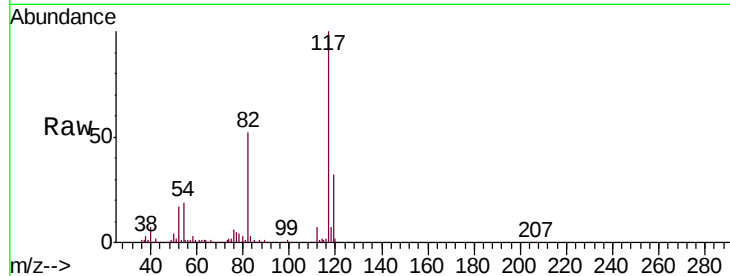




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

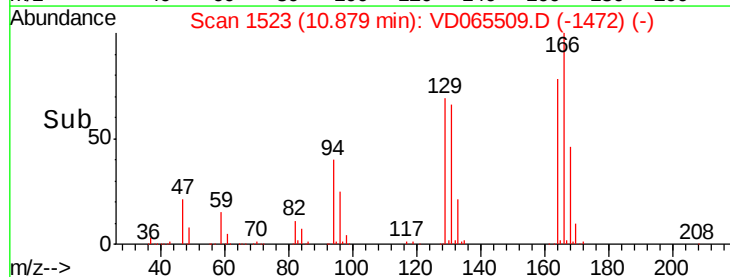
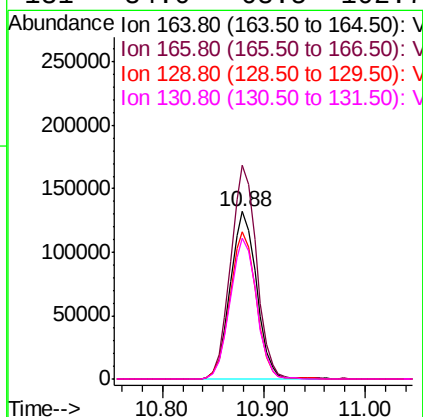
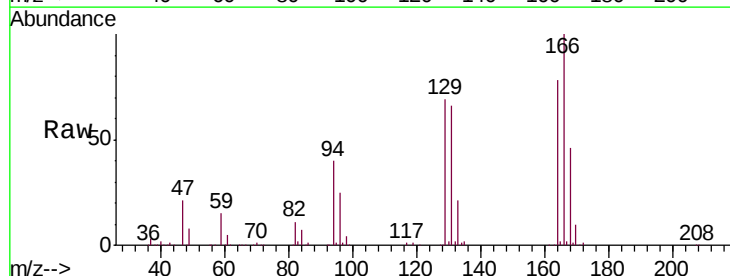
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

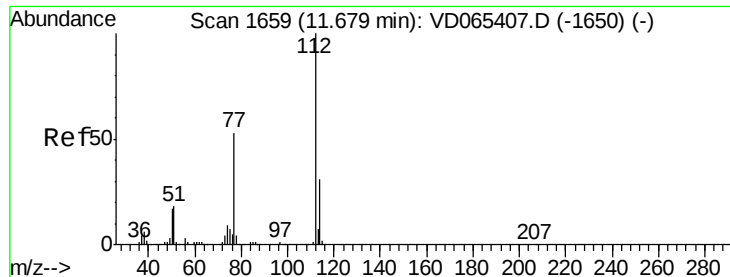
Tgt Ion:117 Resp: 599863
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 55.312 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion:164 Resp: 237751
Ion Ratio Lower Upper
164 100
166 127.5 100.5 150.7
129 88.2 71.5 107.3
131 84.0 68.5 102.7

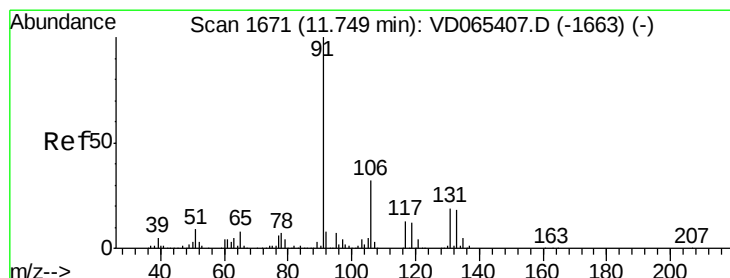
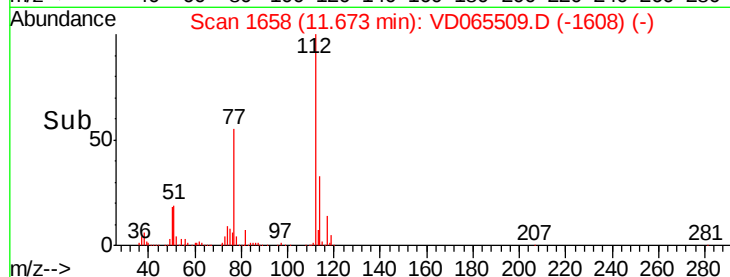
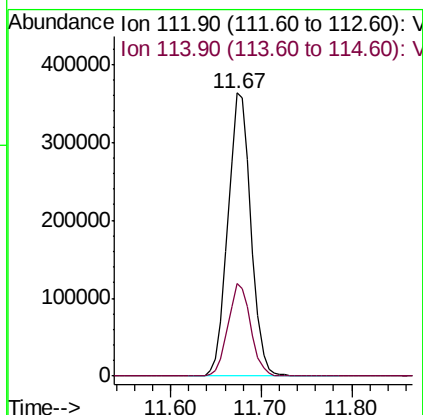
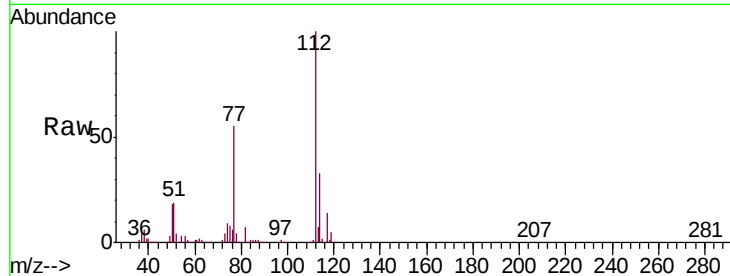




#65
Chlorobenzene
Concen: 54.064 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

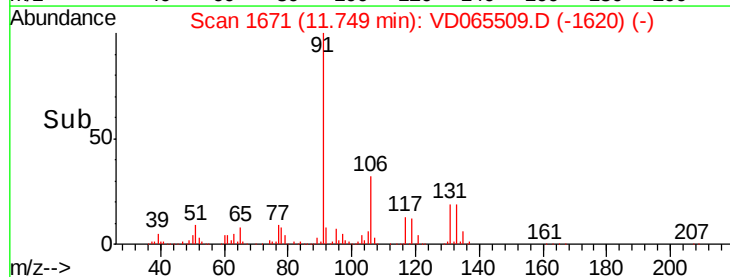
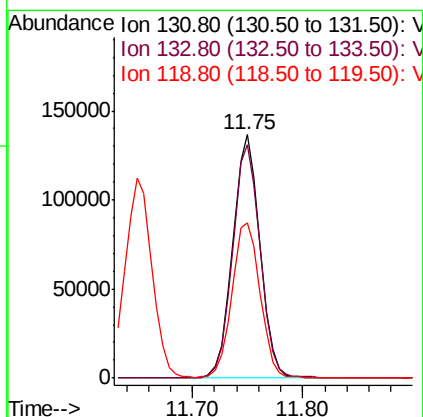
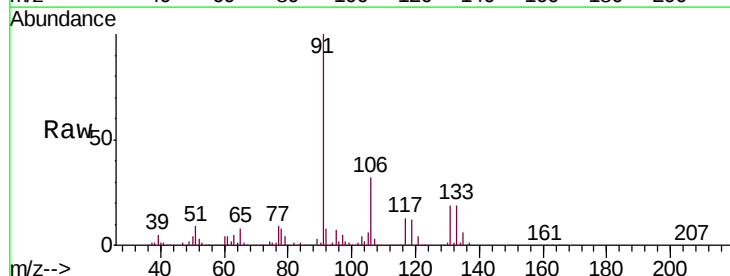
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

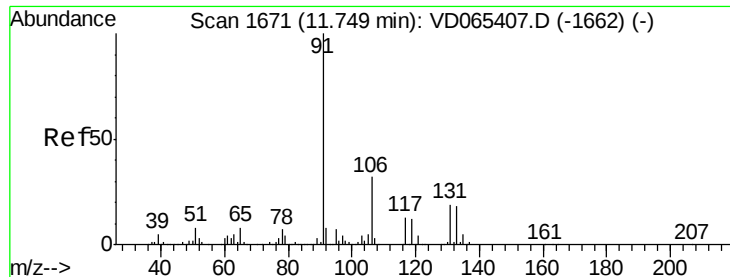
Tgt Ion:112 Resp: 641772
Ion Ratio Lower Upper
112 100
114 32.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.652 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion:131 Resp: 236278
Ion Ratio Lower Upper
131 100
133 97.2 49.2 147.6
119 66.3 33.3 99.8





#67

Ethyl Benzene

Concen: 56.185 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

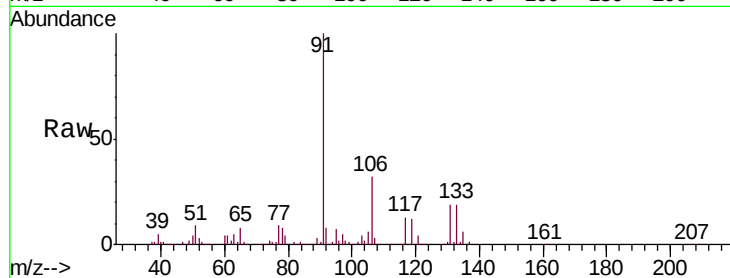
VSTDCCC050

Tgt Ion: 91 Resp: 1152409

Ion Ratio Lower Upper

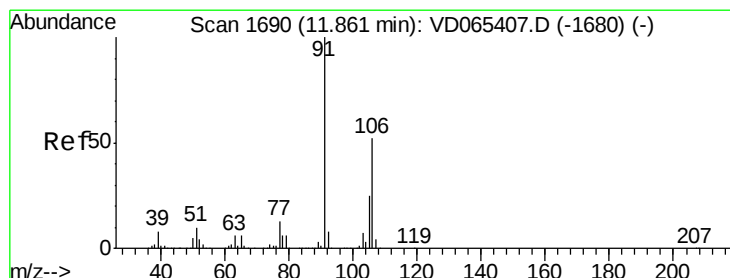
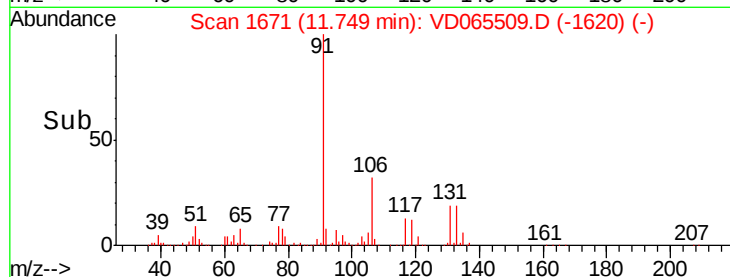
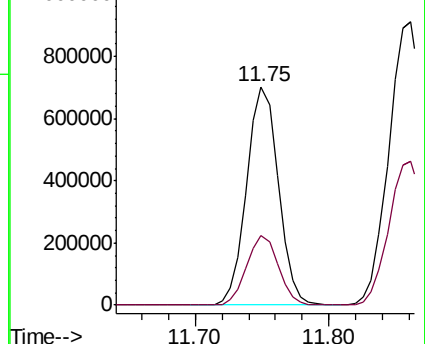
91 100

106 31.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 112.742 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065509.D

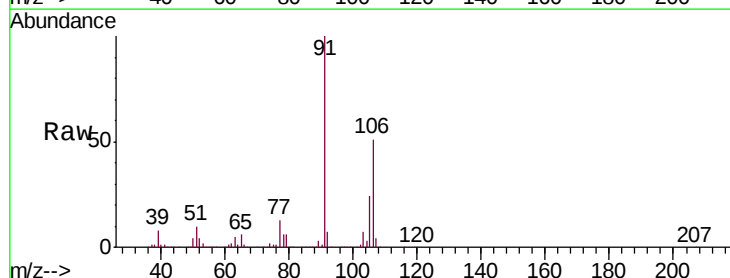
Acq: 16 Mar 2020 12:49

Tgt Ion: 106 Resp: 891653

Ion Ratio Lower Upper

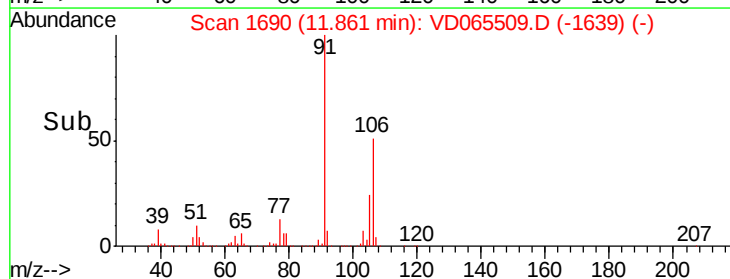
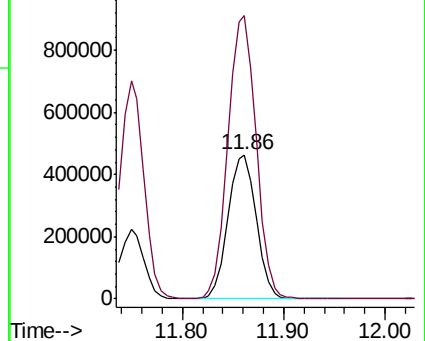
106 100

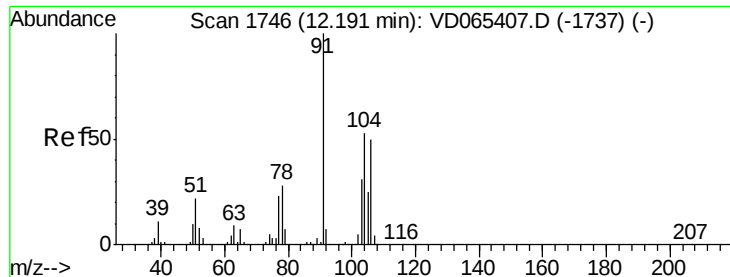
91 197.0 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

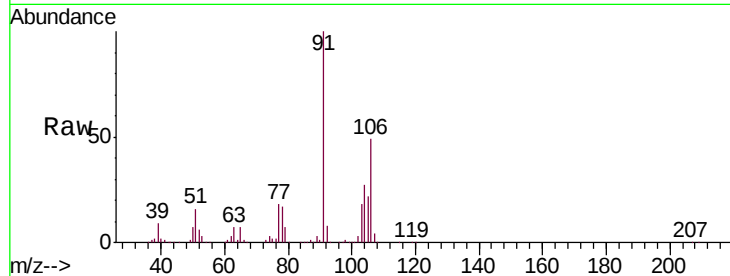




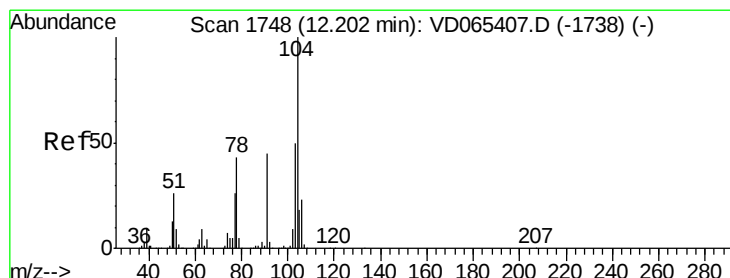
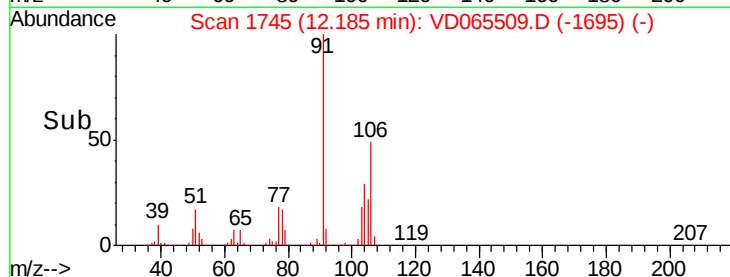
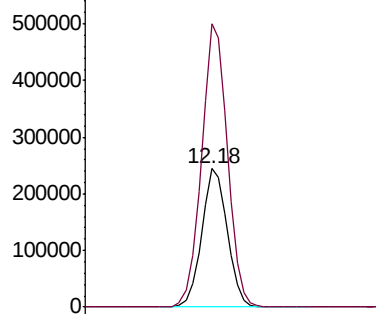
#69
o-Xylene
Concen: 57.224 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 398098
Ion Ratio Lower Upper
106 100
91 206.4 103.5 310.3

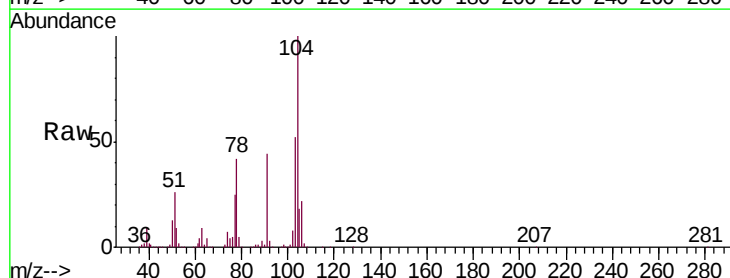


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

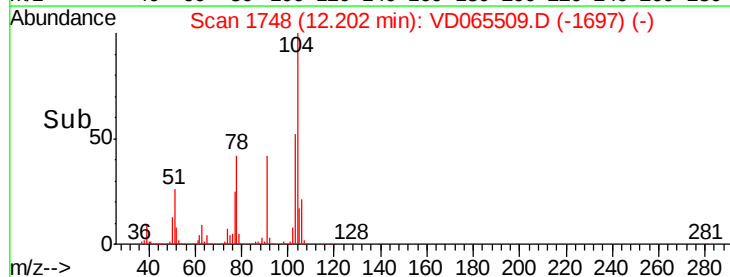
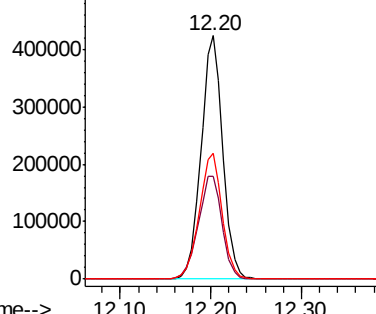


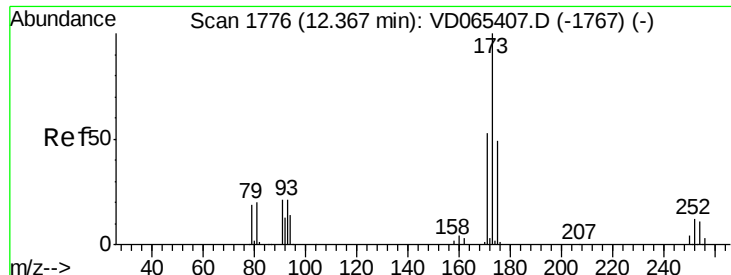
#70
Styrene
Concen: 57.409 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion:104 Resp: 702901
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 54.5 43.6 65.4



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

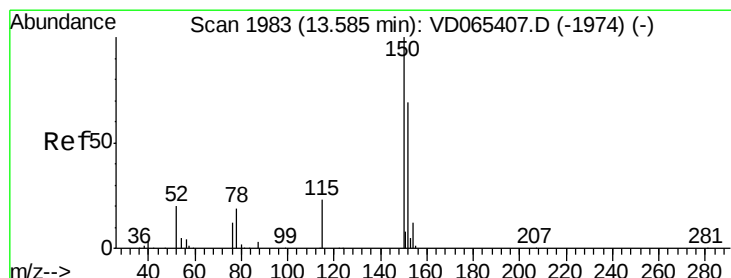
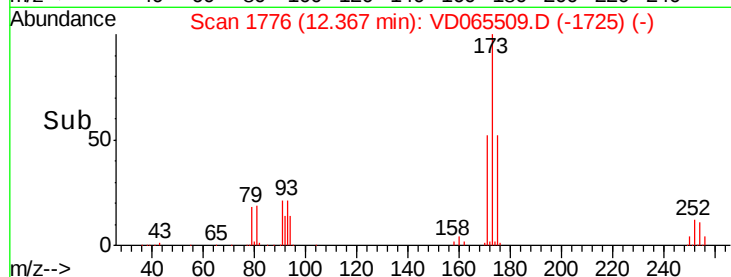
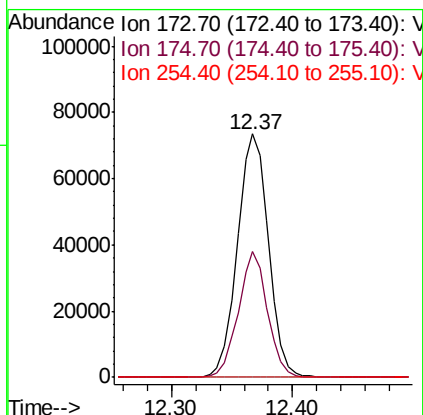
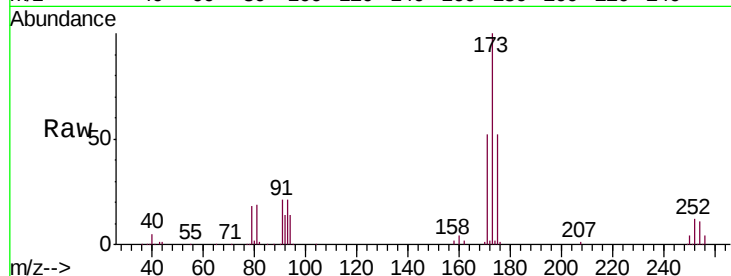




#71
Bromoform
Concen: 53.984 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

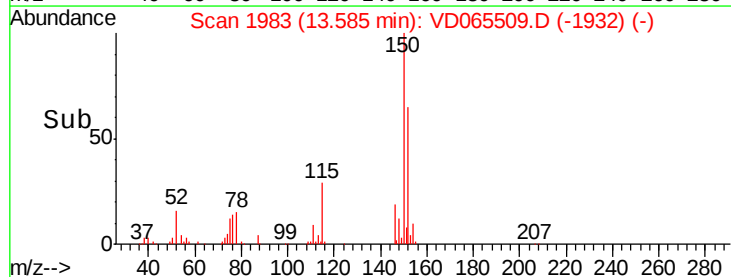
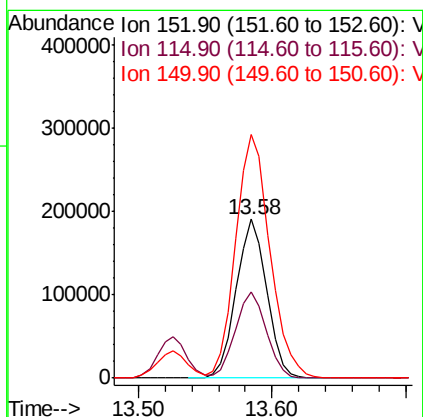
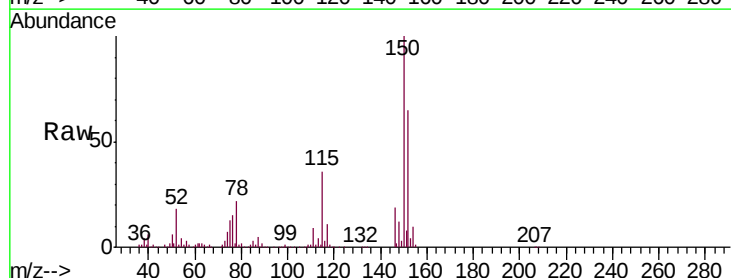
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

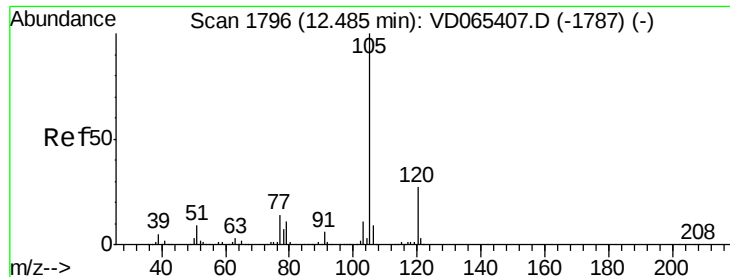
Tgt Ion:173 Resp: 131095
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion:152 Resp: 301567
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 172.1 0.0 345.0





#73

Isopropylbenzene

Concen: 55.804 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

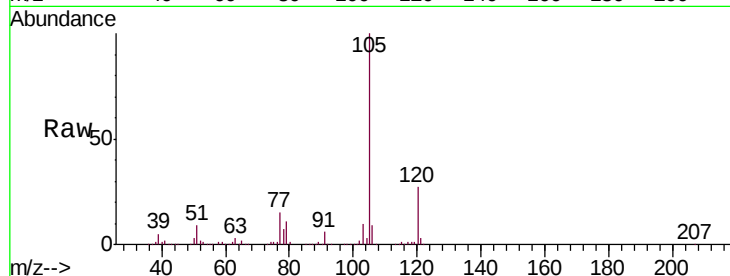
VSTDCCC050

Tgt Ion:105 Resp: 1106893

Ion Ratio Lower Upper

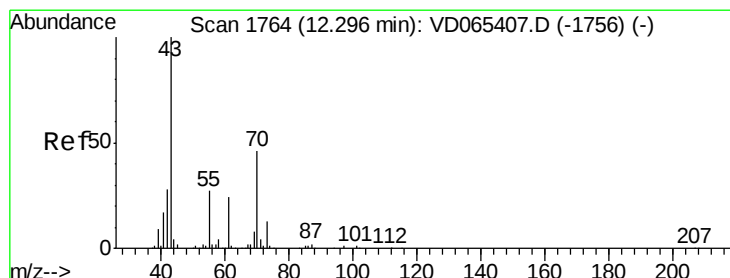
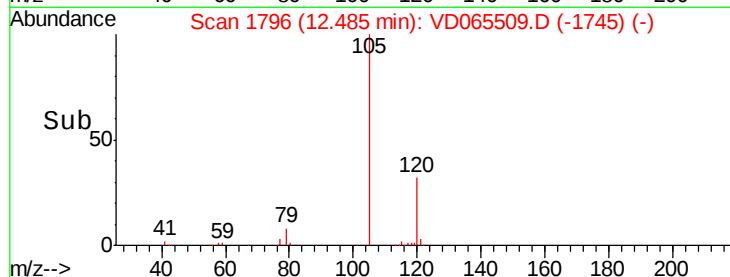
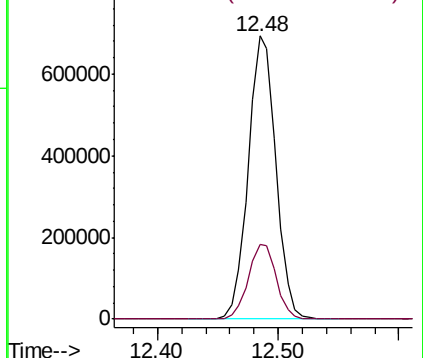
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.419 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Tgt Ion: 43 Resp: 204741

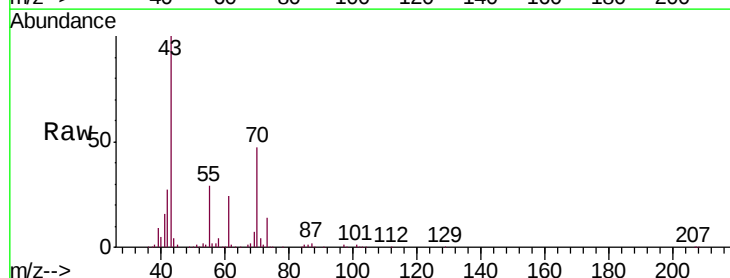
Ion Ratio Lower Upper

43 100

70 46.0 36.1 54.1

55 28.3 21.6 32.4

61 24.5 19.6 29.4

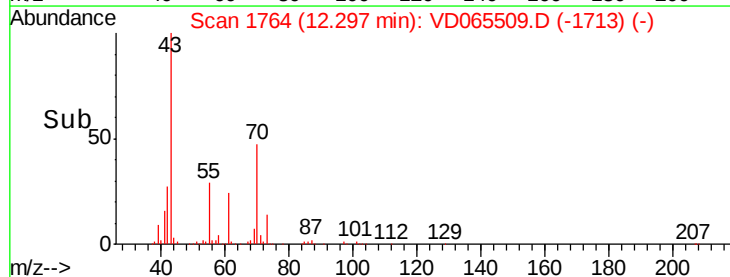
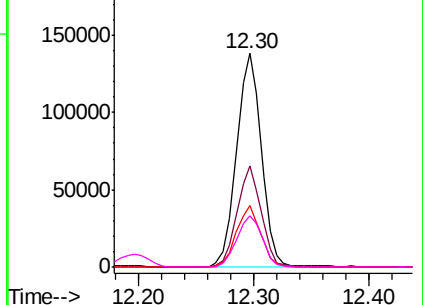


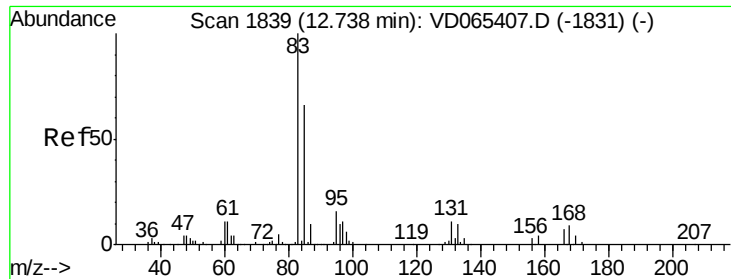
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.185 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

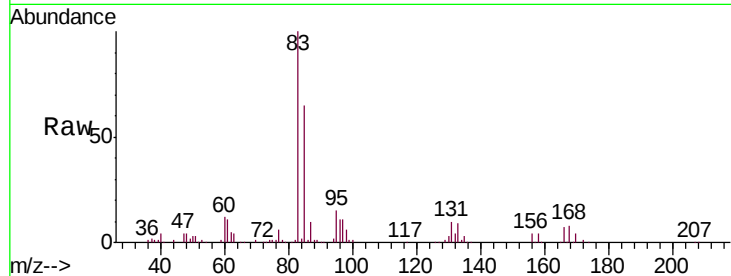
Tgt Ion: 83 Resp: 174977

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

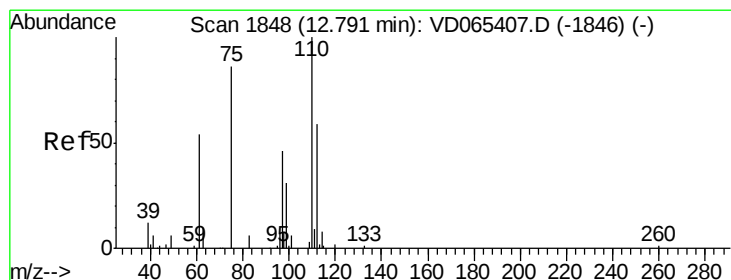
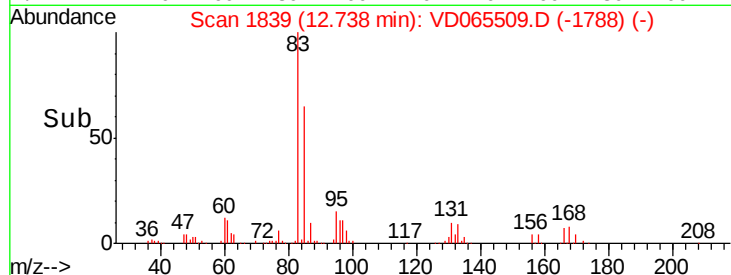
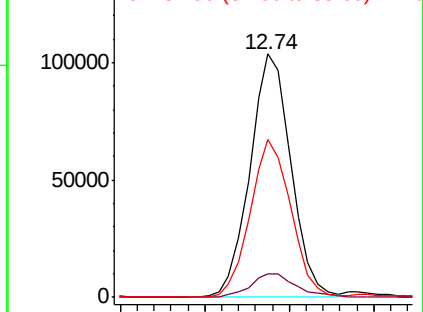
85 64.4 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 96.337 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065509.D

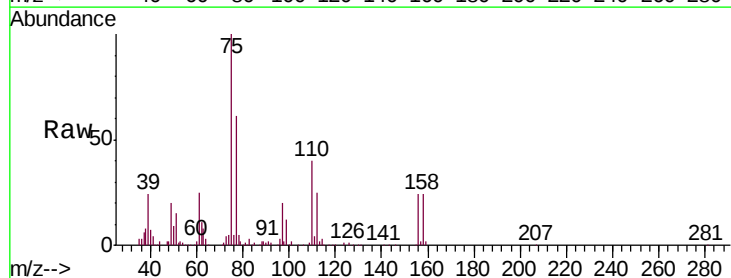
Acq: 16 Mar 2020 12:49

Tgt Ion: 75 Resp: 229244

Ion Ratio Lower Upper

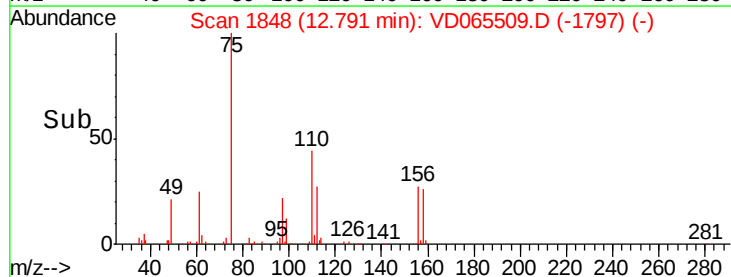
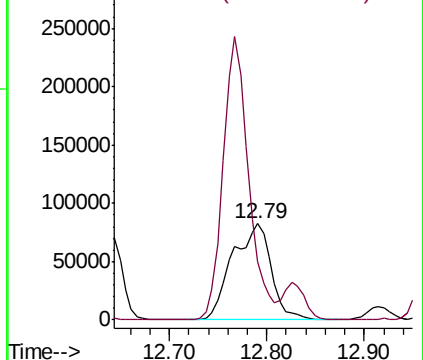
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.034 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

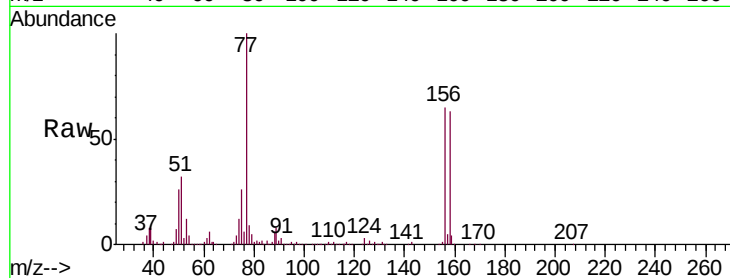
Tgt Ion:156 Resp: 266285

Ion Ratio Lower Upper

156 100

77 165.6 84.9 254.6

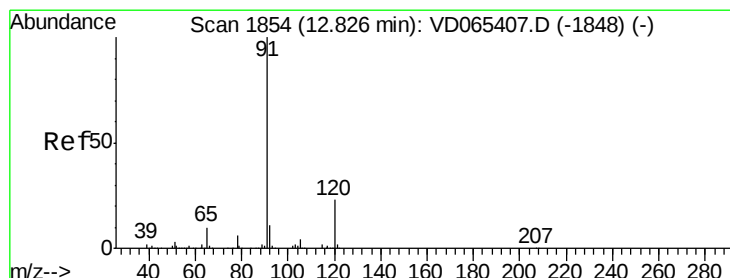
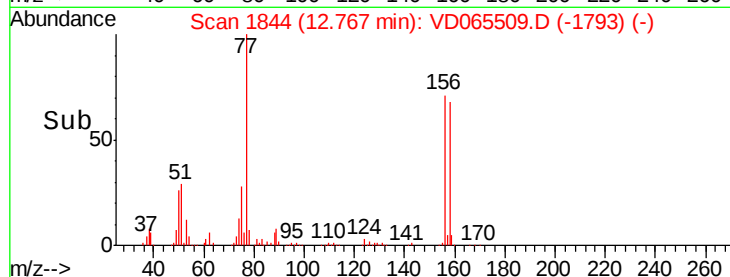
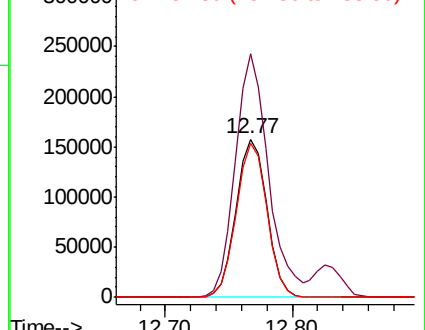
158 96.4 49.0 147.2



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: 55.759 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065509.D

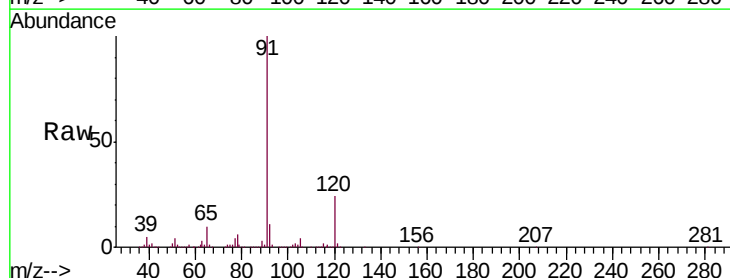
Acq: 16 Mar 2020 12:49

Tgt Ion: 91 Resp: 1312276

Ion Ratio Lower Upper

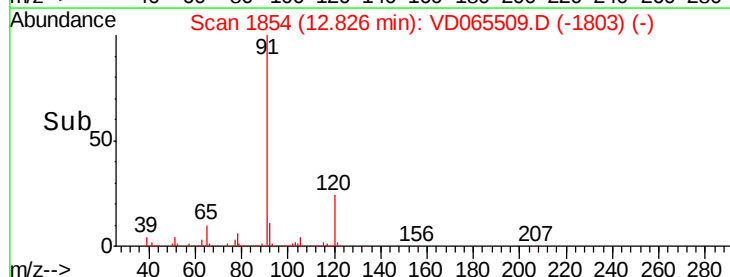
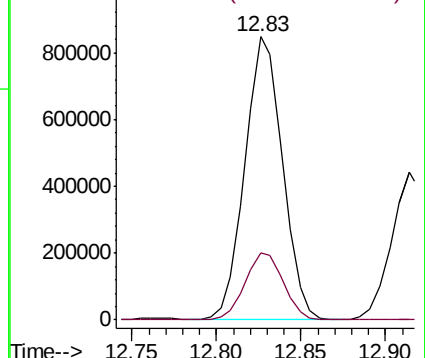
91 100

120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

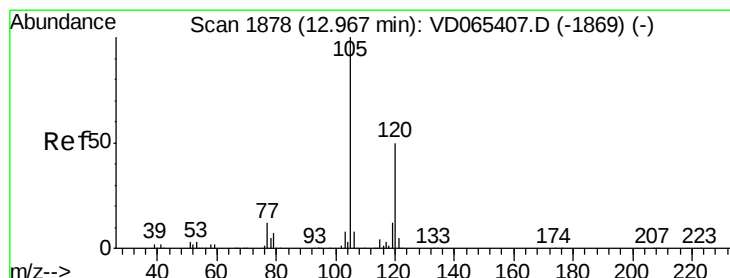
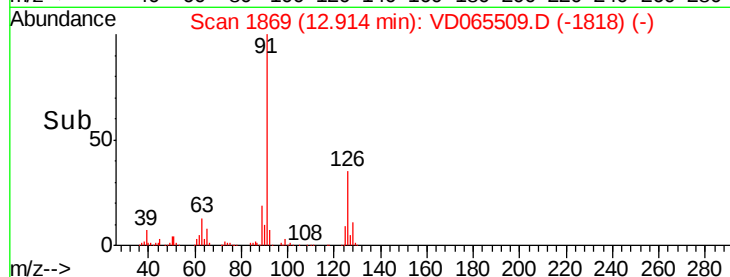
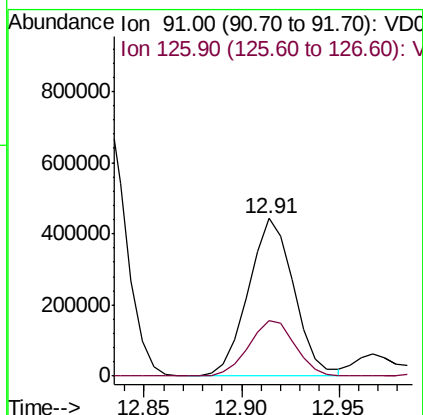
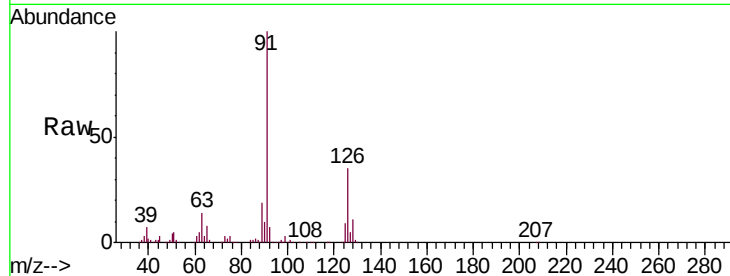




#79
 2-Chlorotoluene
 Concen: 53.910 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

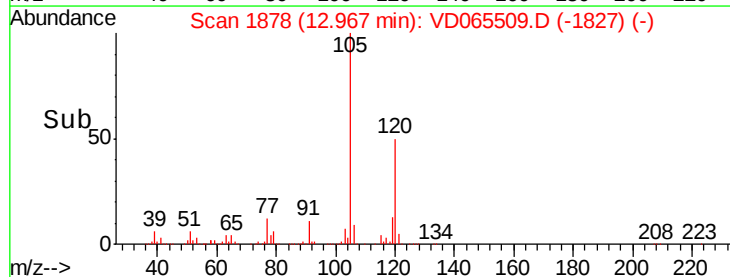
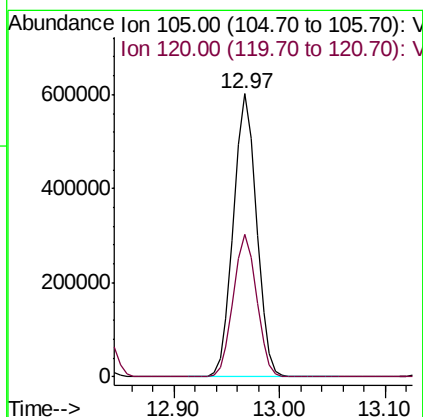
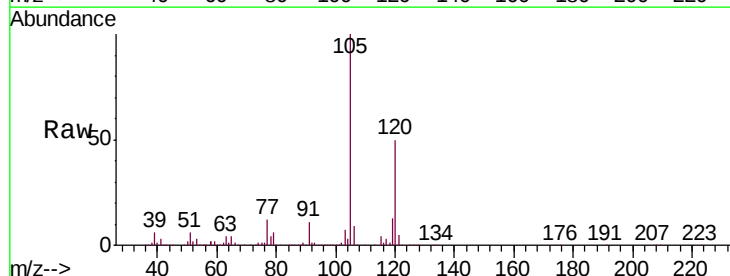
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

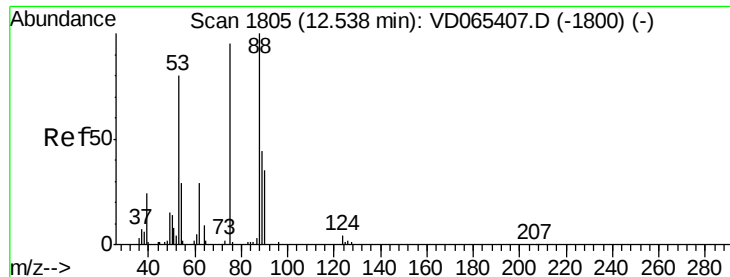
Tgt Ion: 91 Resp: 715064
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 55.658 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion: 105 Resp: 907617
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.892 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

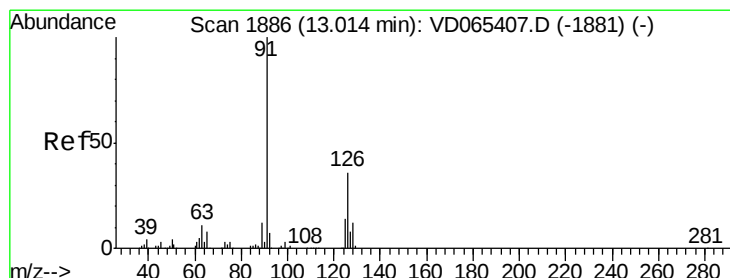
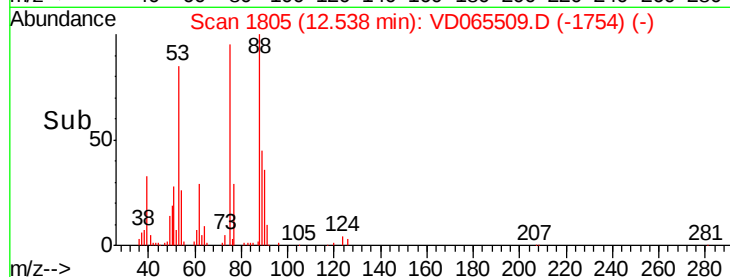
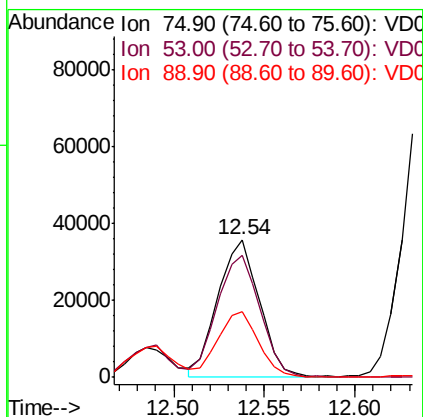
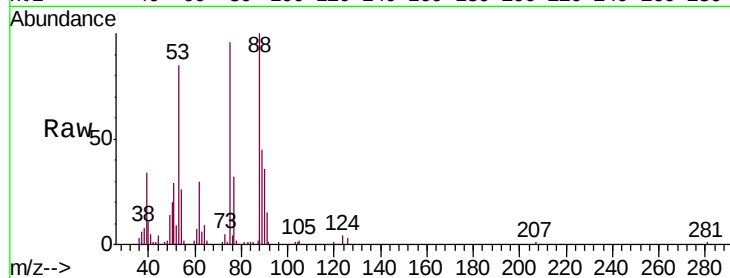
Tgt Ion: 75 Resp: 57387

Ion Ratio Lower Upper

75 100

53 91.3 71.3 106.9

89 47.0 37.0 55.6



#82

4-Chlorotoluene

Concen: 53.886 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065509.D

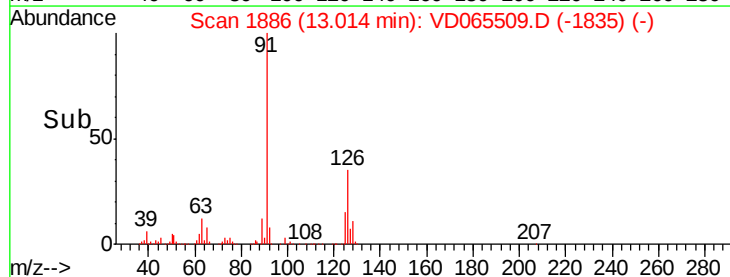
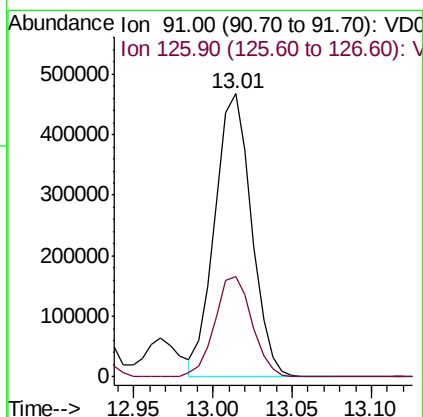
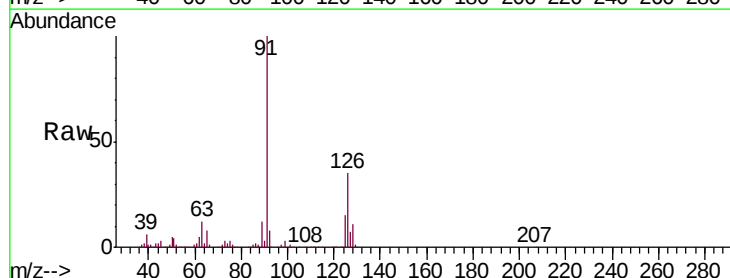
Acq: 16 Mar 2020 12:49

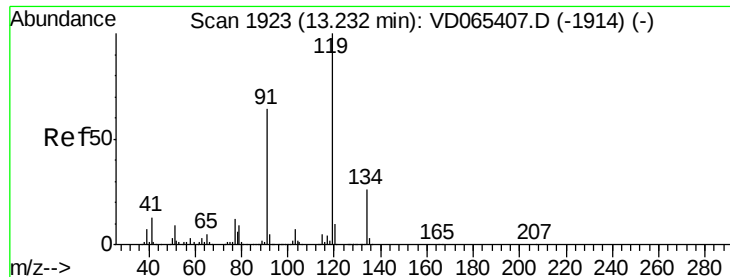
Tgt Ion: 91 Resp: 751070

Ion Ratio Lower Upper

91 100

126 36.1 17.6 52.8

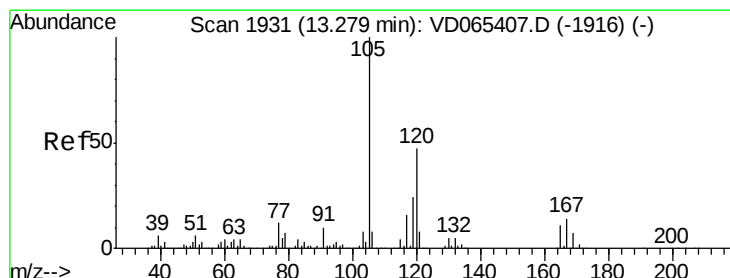
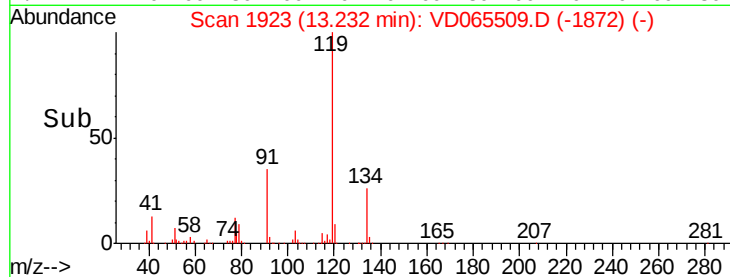
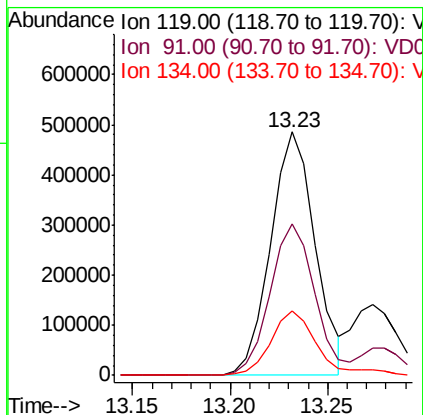
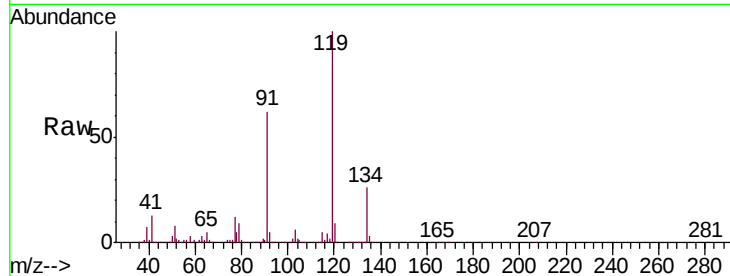




#83
 tert-Butylbenzene
 Concen: 55.660 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

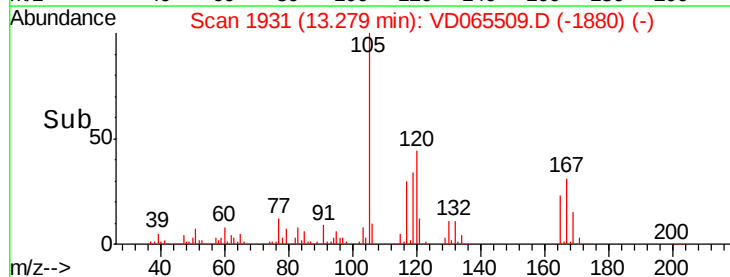
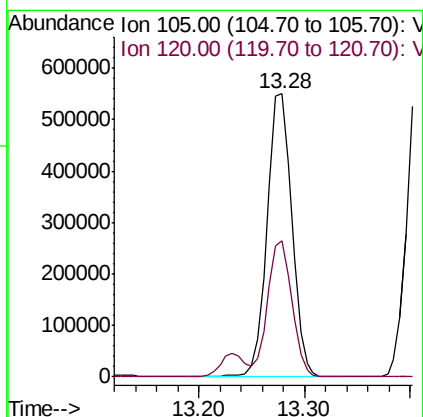
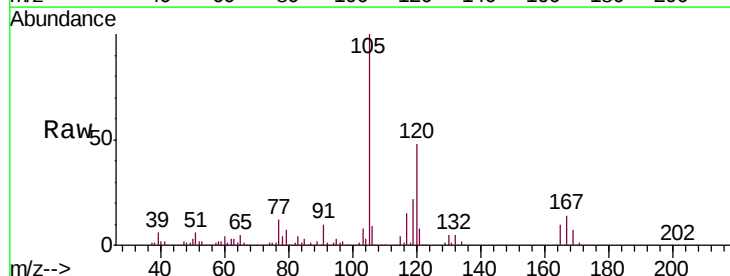
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 767885
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.6 95.0
 134 28.0 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.685 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion:105 Resp: 895083
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.3

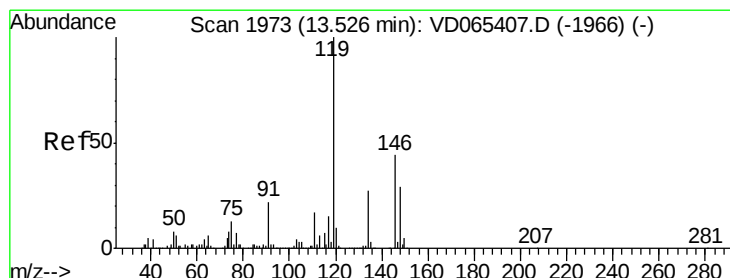
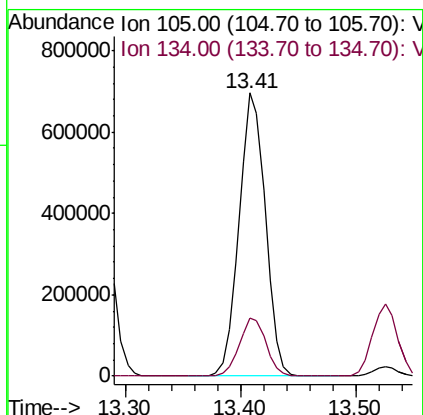
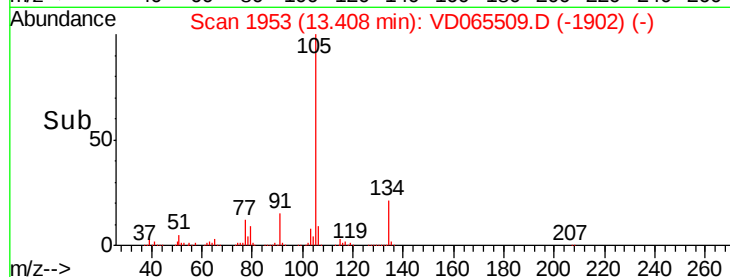
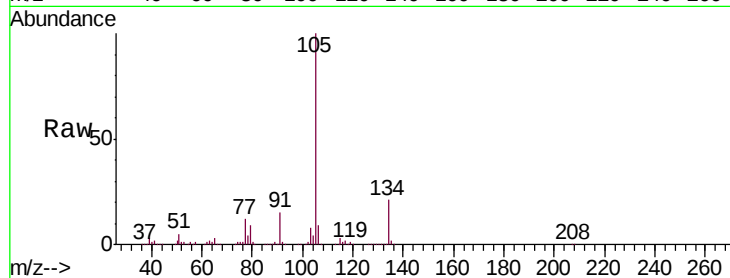




#85
 sec-Butylbenzene
 Concen: 55.831 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

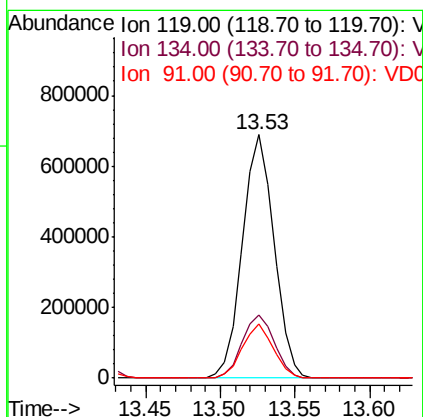
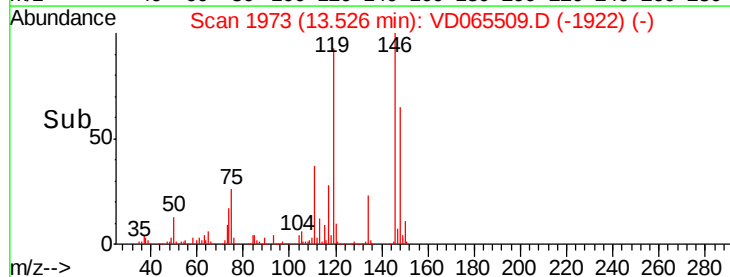
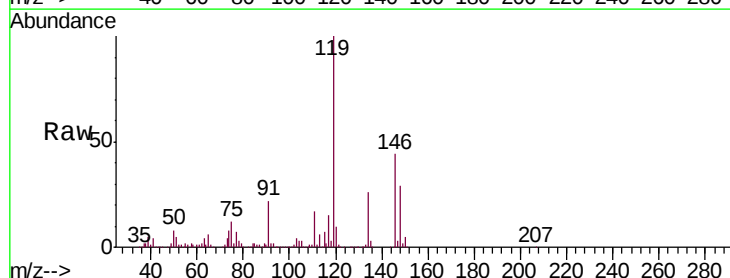
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

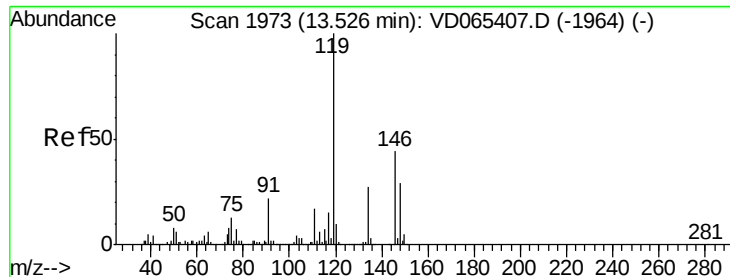
Tgt Ion:105 Resp: 1099453
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 56.169 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion:119 Resp: 1009321
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 21.7 10.9 32.6

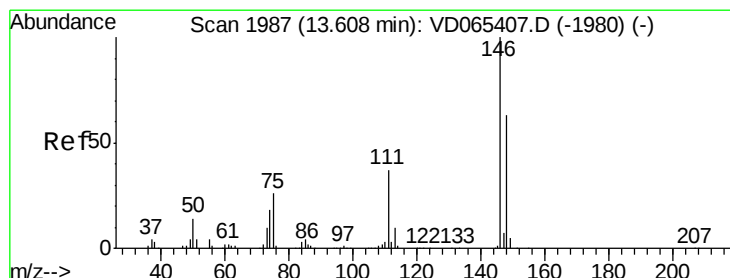
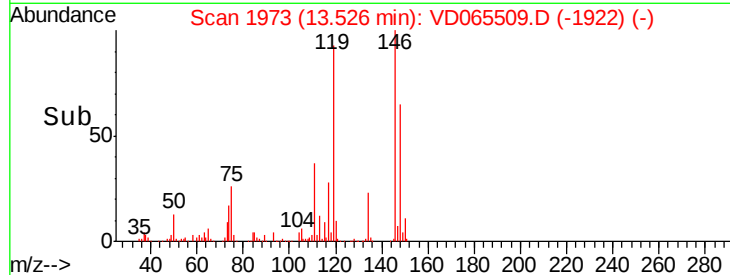
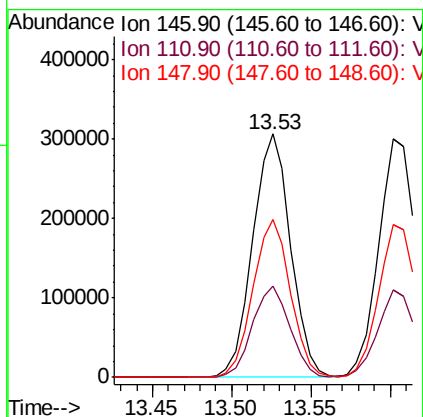
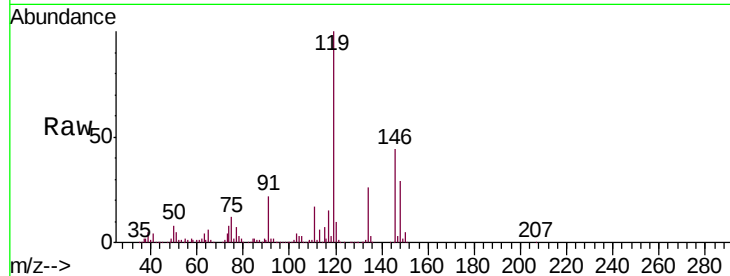




#87
 1,3-Dichlorobenzene
 Concen: 53.858 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

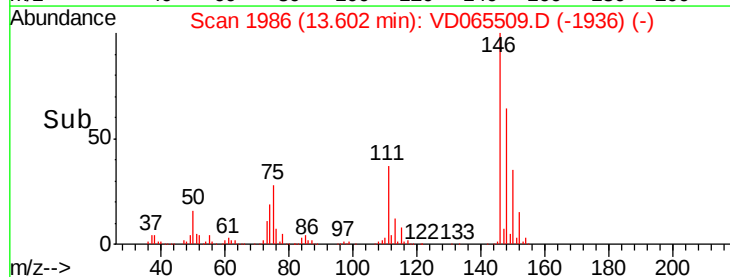
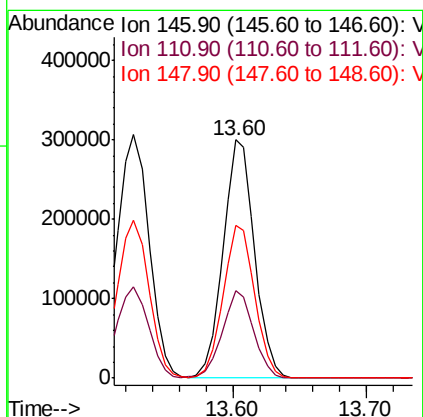
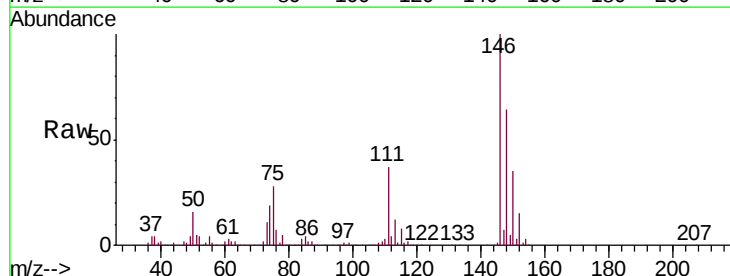
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

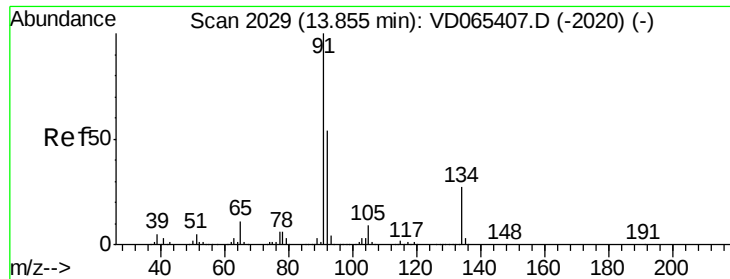
Tgt Ion:146 Resp: 510286
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.1
 148 64.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.279 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion:146 Resp: 492718
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.6 32.0 96.0

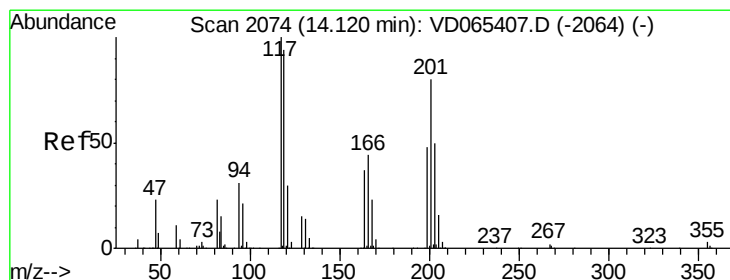
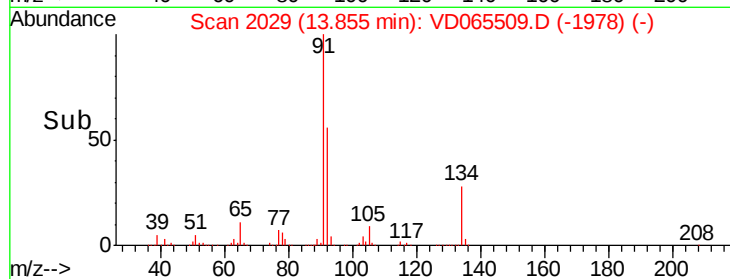
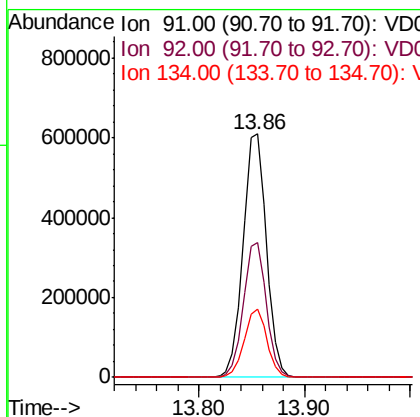
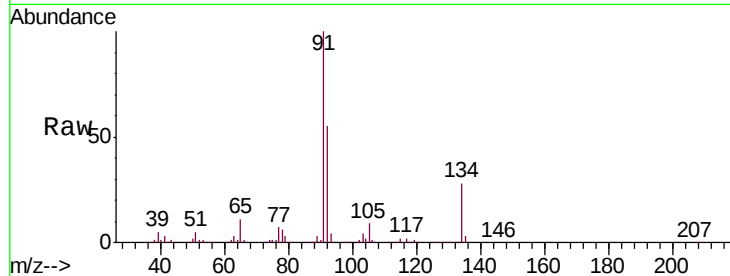




#89
n-Butylbenzene
Concen: 56.034 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

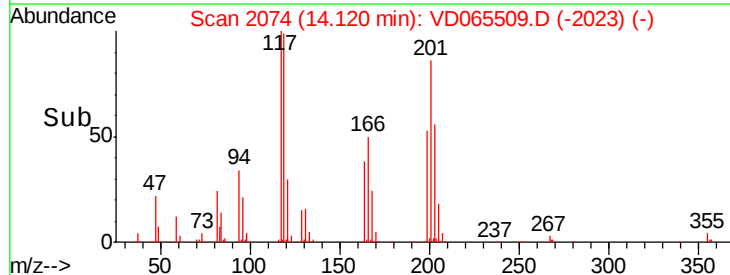
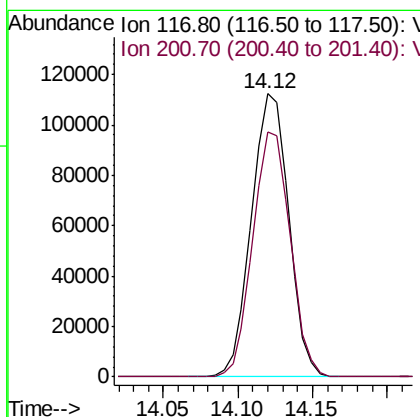
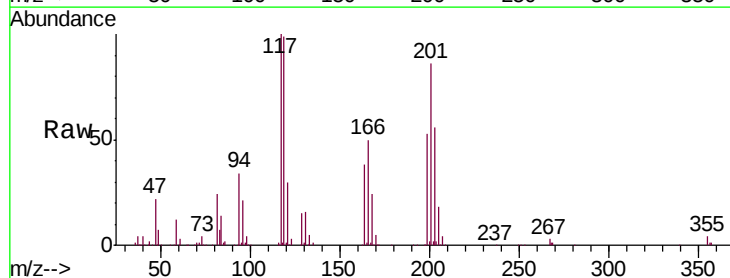
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 930864
Ion Ratio Lower Upper
91 100
92 54.3 26.8 80.4
134 27.2 13.4 40.2



#90
Hexachloroethane
Concen: 52.532 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065509.D
Acq: 16 Mar 2020 12:49

Tgt Ion: 117 Resp: 194397
Ion Ratio Lower Upper
117 100
201 86.7 41.9 125.6

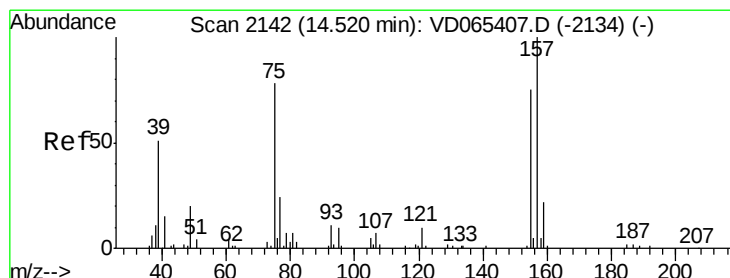
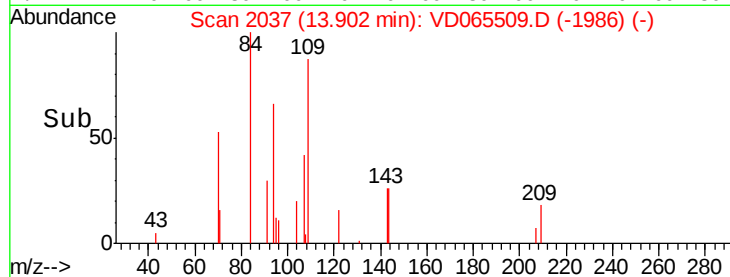
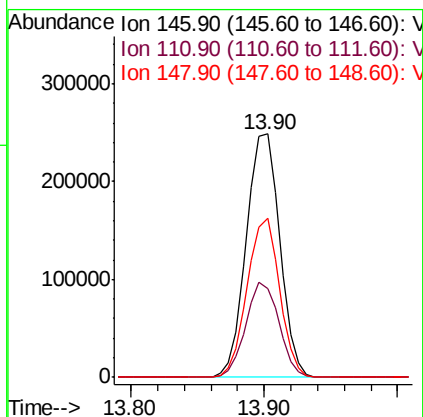
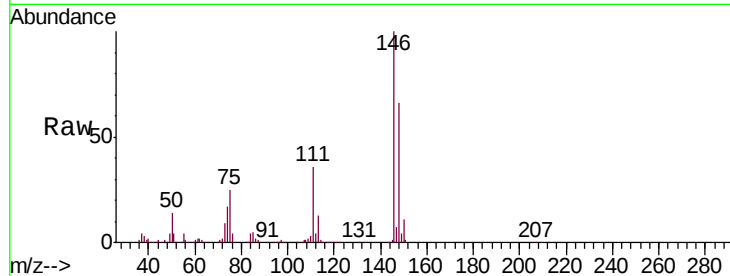




#91
 1,2-Dichlorobenzene
 Concen: 53.578 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

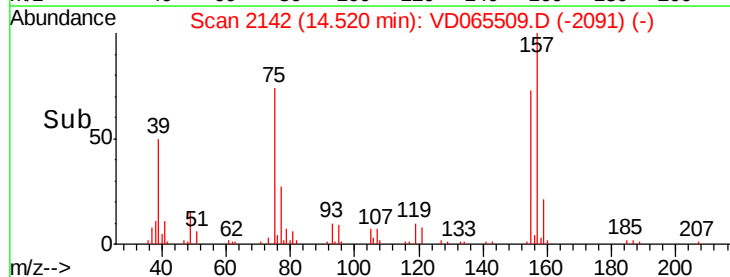
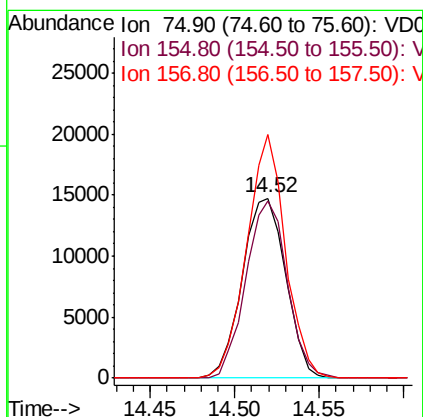
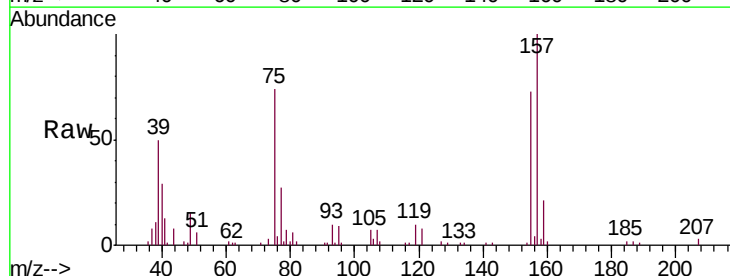
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

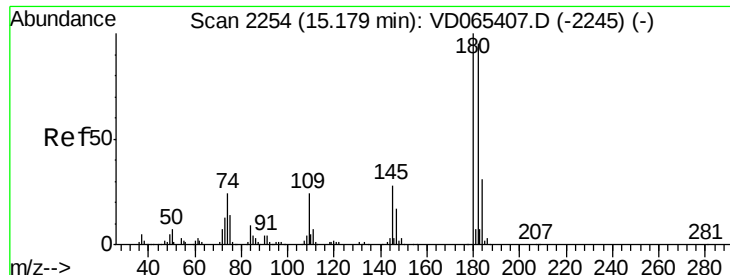
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	63.5	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.778 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	46.4	139.1
157	120.4	60.2	180.4

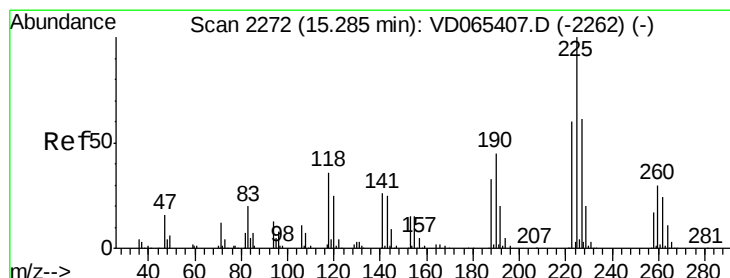
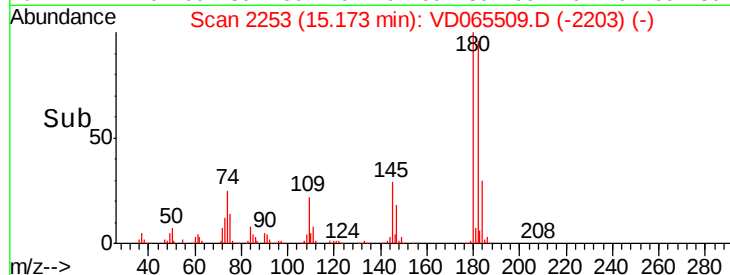
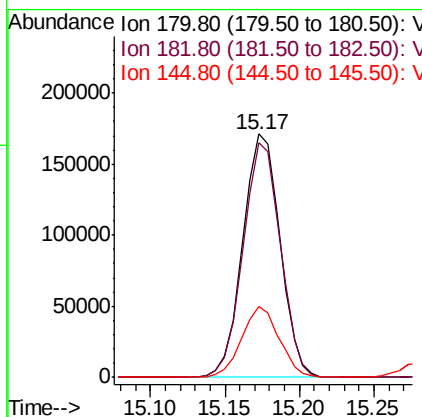
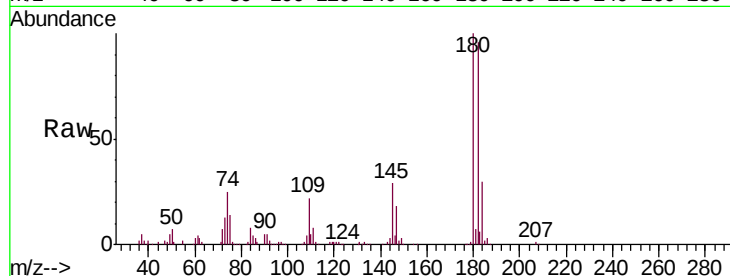




#93
 1,2,4-Trichlorobenzene
 Concen: 54.104 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

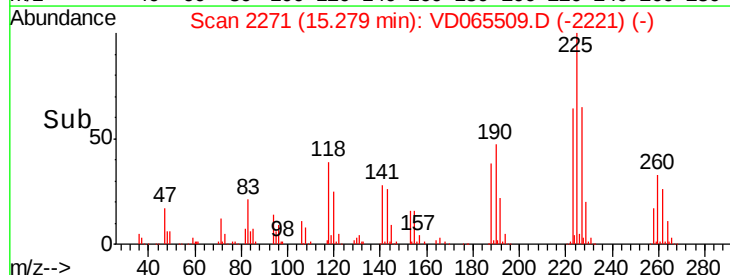
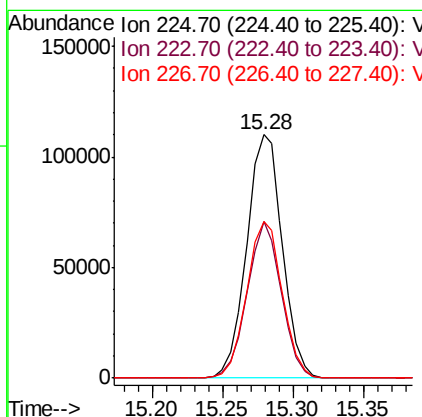
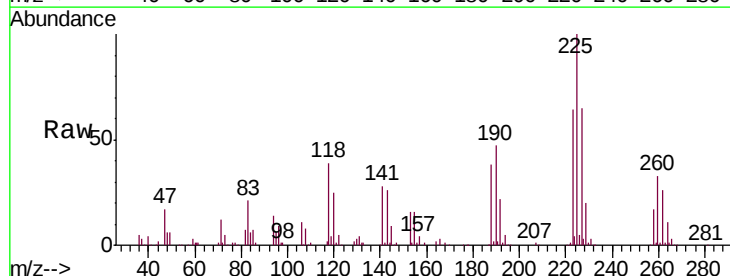
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

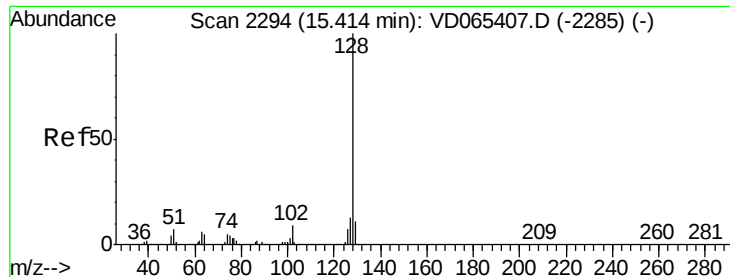
Tgt Ion:180 Resp: 295663
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.3 144.9
 145 29.1 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 54.258 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065509.D
 Acq: 16 Mar 2020 12:49

Tgt Ion:225 Resp: 194826
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.9 92.5
 227 64.0 31.6 94.7





#95

Naphthalene

Concen: 48.968 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

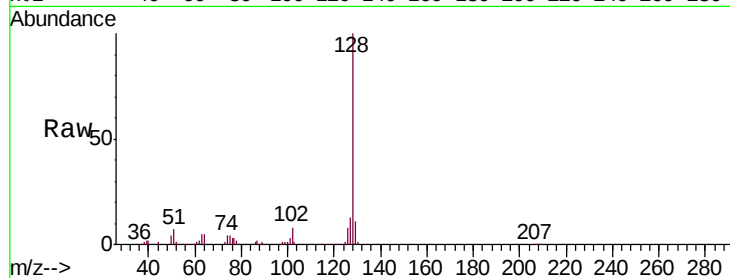
Tgt Ion:128 Resp: 475973

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

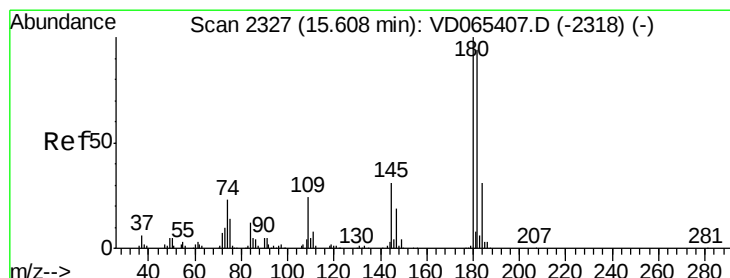
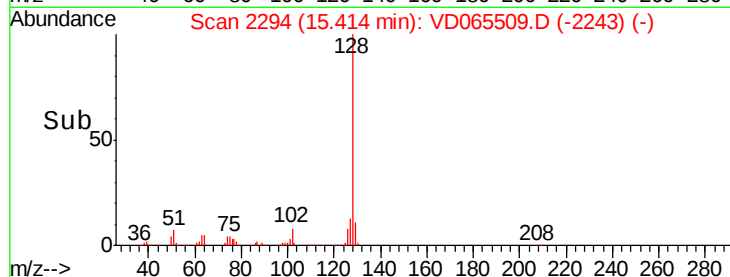
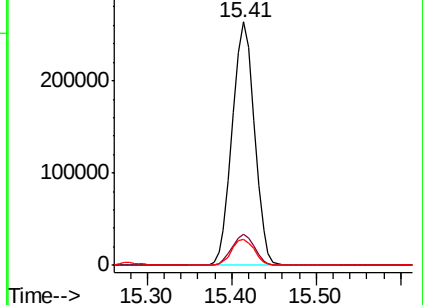
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.074 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065509.D

Acq: 16 Mar 2020 12:49

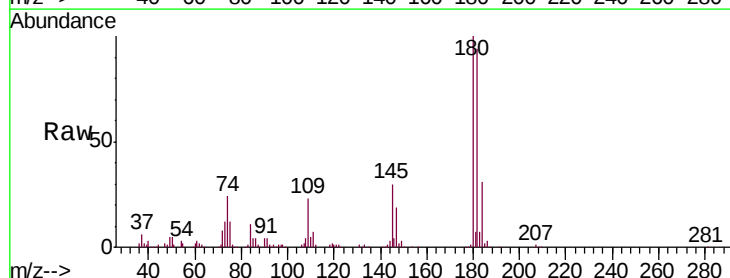
Tgt Ion:180 Resp: 255353

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.6

145 29.9 15.0 45.1



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

