

Data File : VD065459.D
Acq On : 10 Mar 2020 10:59
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 11 01:53:13 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	469845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	661644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	614208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	202234	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.92	113	217044	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.34	98	851784	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.64	95	272487	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	181423	44.929	ug/l	98
3) Chloromethane	2.21	50	222889	45.720	ug/l	99
4) Vinyl Chloride	2.35	62	229152	47.655	ug/l	98
5) Bromomethane	2.77	94	145259	54.326	ug/l	98
6) Chloroethane	2.93	64	144312	49.002	ug/l	99
7) Trichlorofluoromethane	3.27	101	347561	49.053	ug/l	99
8) Diethyl Ether	3.70	74	104226	49.465	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	225789	49.479	ug/l	99
10) Methyl Iodide	4.29	142	242522	51.156	ug/l	98
11) Tert butyl alcohol	5.24	59	63057	272.764	ug/l	99
12) 1,1-Dichloroethene	4.06	96	211306	48.358	ug/l	94
13) Acrolein	3.93	56	112823	282.981	ug/l	100
14) Allyl chloride	4.71	41	325589	48.505	ug/l	99
15) Acrylonitrile	5.43	53	229379	250.234	ug/l	99
16) Acetone	4.16	43	223001	273.589	ug/l	99
17) Carbon Disulfide	4.40	76	690094	47.424	ug/l	99
18) Methyl Acetate	4.72	43	99005	47.884	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	425623	50.651	ug/l	100
20) Methylene Chloride	4.96	84	232355	52.678	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	248774	51.179	ug/l	96
22) Diisopropyl ether	6.37	45	655908	52.564	ug/l	97
23) Vinyl Acetate	6.31	43	1850548	267.093	ug/l	100
24) 1,1-Dichloroethane	6.26	63	402039	50.232	ug/l	98
25) 2-Butanone	7.22	43	286370	257.453	ug/l	96
26) 2,2-Dichloropropane	7.21	77	356212	50.929	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	248680	50.052	ug/l	99
28) Bromochloromethane	7.55	49	166625	52.035	ug/l	100
29) Tetrahydrofuran	7.57	42	177855	250.380	ug/l	98
30) Chloroform	7.71	83	409174	51.148	ug/l	99
31) Cyclohexane	7.98	56	386036	48.236	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	376347	50.907	ug/l	99
36) 1,1-Dichloropropene	8.11	75	333291	52.551	ug/l	98
37) Ethyl Acetate	7.30	43	130039	53.047	ug/l	99
38) Carbon Tetrachloride	8.10	117	348481	52.987	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	406585	53.078	ug/l	95
40) Benzene	8.35	78	961283	54.210	ug/l	99
41) Methacrylonitrile	7.53	41	74491	57.459	ug/l #	83
42) 1,2-Dichloroethane	8.43	62	248231	53.608	ug/l	100
43) Isopropyl Acetate	8.46	43	237236	52.412	ug/l	99
44) Trichloroethene	9.11	130	267804	53.477	ug/l	97
45) 1,2-Dichloropropane	9.39	63	231892	53.986	ug/l	99
46) Dibromomethane	9.48	93	118858	53.346	ug/l	97
47) Bromodichloromethane	9.67	83	316402	54.585	ug/l	98
48) Methyl methacrylate	9.46	41	121083	56.869	ug/l	95
49) 1,4-Dioxane	9.47	88	28099	1102.531	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	624220	274.051	ug/l	99
52) Toluene	10.40	92	618280	55.347	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	293173	54.122	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	355493	54.218	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	167105	52.953	ug/l	98
56) Ethyl methacrylate	10.67	69	200891	56.469	ug/l	97
57) 1,3-Dichloropropane	10.95	76	287704	53.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	266432	239.710	ug/l	98
59) 2-Hexanone	10.99	43	448230	284.275	ug/l	99
60) Dibromochloromethane	11.14	129	220908	54.611	ug/l	99
61) 1,2-Dibromoethane	11.25	107	163674	54.376	ug/l	99
64) Tetrachloroethene	10.88	164	232249	52.770	ug/l	98
65) Chlorobenzene	11.67	112	638201	52.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	237916	53.746	ug/l	97
67) Ethyl Benzene	11.75	91	1146562	54.594	ug/l	99
68) m/p-Xylenes	11.86	106	896147	110.663	ug/l	100
69) o-Xylene	12.18	106	391491	54.960	ug/l	98
70) Styrene	12.20	104	703848	56.144	ug/l	99
71) Bromoform	12.37	173	132286	53.202	ug/l	99
73) Isopropylbenzene	12.48	105	1091440	54.027	ug/l	100
74) N-amyl acetate	12.30	43	213853	51.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	180583	50.854	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	233197	96.222	ug/l #	100
77) Bromobenzene	12.77	156	266797	53.156	ug/l	98
78) n-propylbenzene	12.83	91	1314078	54.823	ug/l	99
79) 2-Chlorotoluene	12.91	91	715565	52.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	904726	54.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	57780	50.312	ug/l	94
82) 4-Chlorotoluene	13.01	91	753248	53.063	ug/l	99
83) tert-Butylbenzene	13.23	119	764144	54.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	892556	54.521	ug/l	99
85) sec-Butylbenzene	13.41	105	1081896	53.944	ug/l	99
86) p-Isopropyltoluene	13.53	119	1014204	55.418	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	500047	51.821	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	500928	52.187	ug/l	99
89) n-Butylbenzene	13.86	91	931513	55.056	ug/l	100
90) Hexachloroethane	14.12	117	197455	52.391	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	432396	52.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27064	50.044	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031020\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	296543	53.281	ug/l	98
94) Hexachlorobutadiene	15.28	225	192426	52.618	ug/l	98
95) Naphthalene	15.41	128	476967	48.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	256349	53.301	ug/l	98

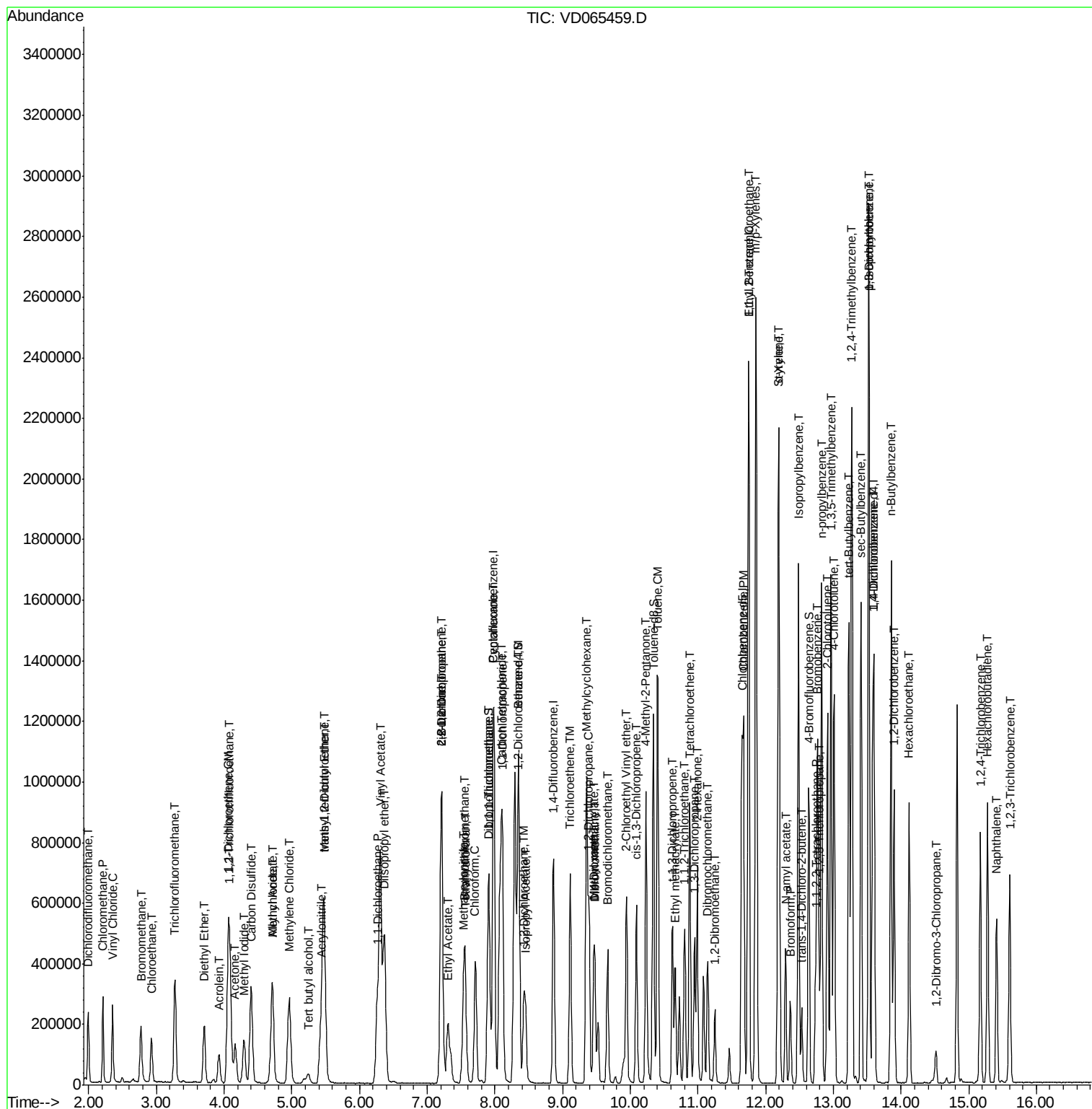
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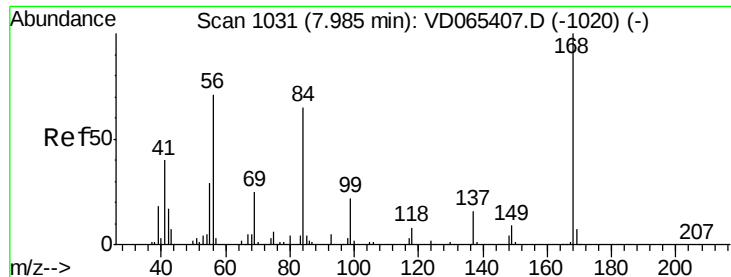
Data File : VD065459.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

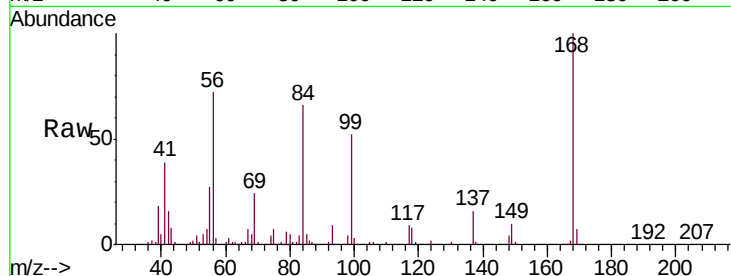
VSTDCCC050

Tgt Ion:168 Resp: 469845

Ion Ratio Lower Upper

168 100

99 51.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

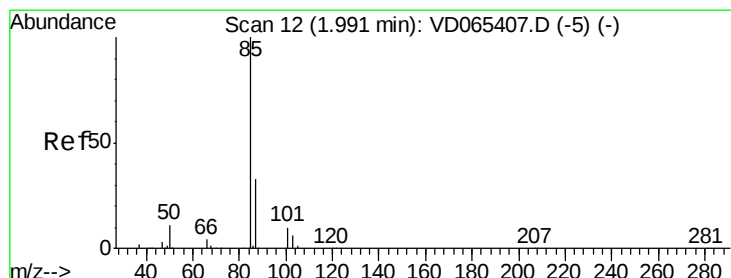
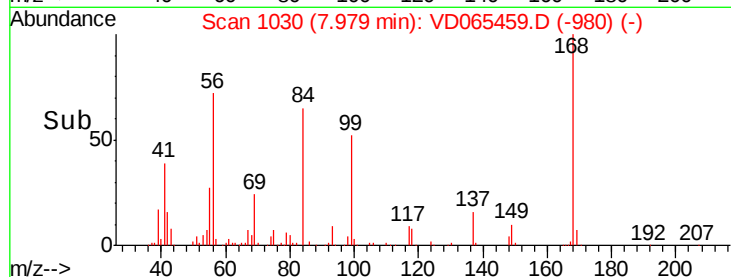
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.929 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065459.D

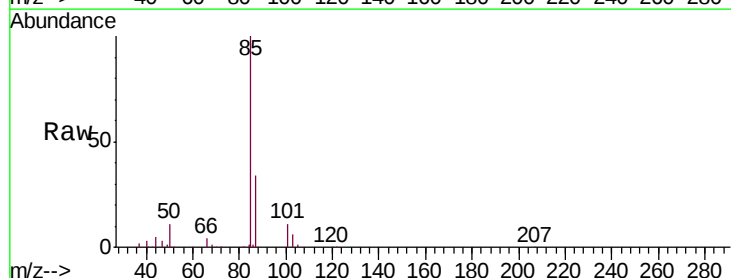
Acq: 10 Mar 2020 10:59

Tgt Ion: 85 Resp: 181423

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

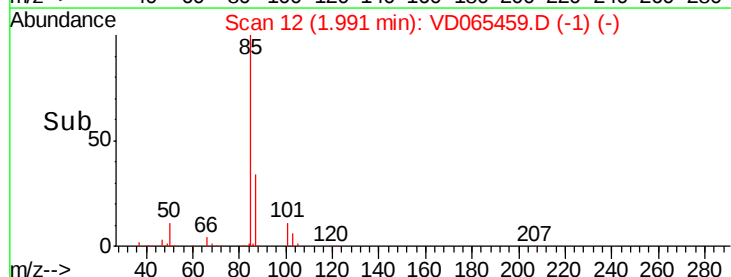
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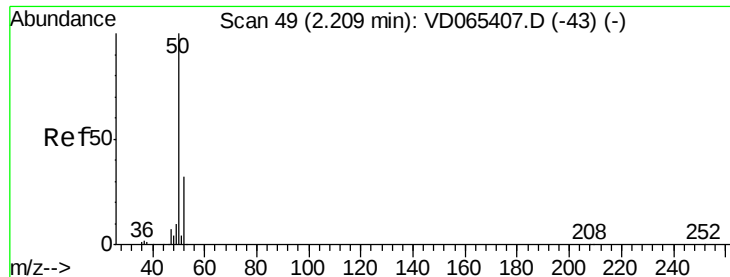
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.720 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

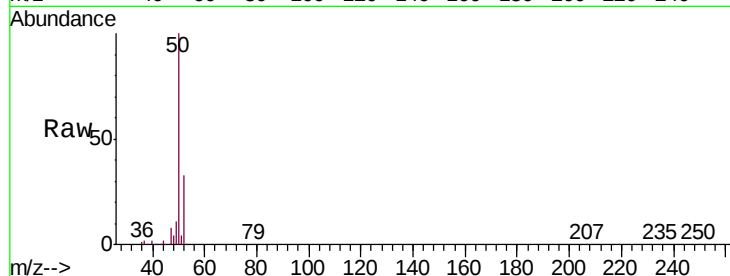
VSTDCCC050

Tgt Ion: 50 Resp: 222889

Ion Ratio Lower Upper

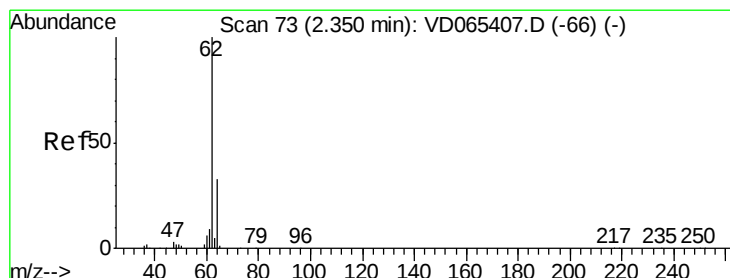
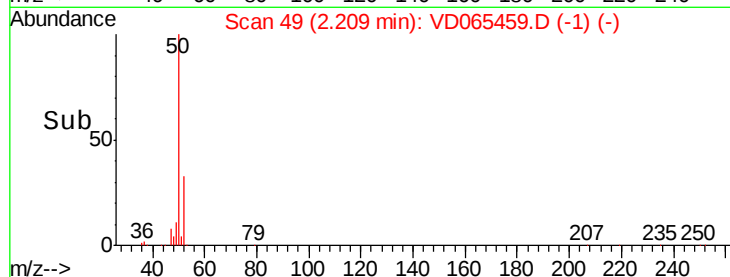
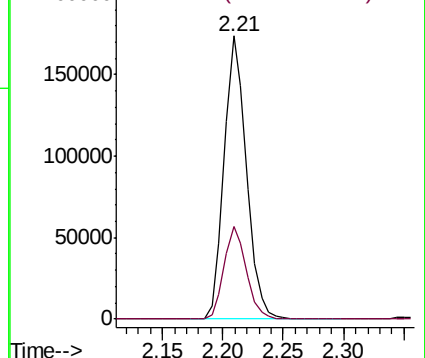
50 100

52 32.9 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: 47.655 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065459.D

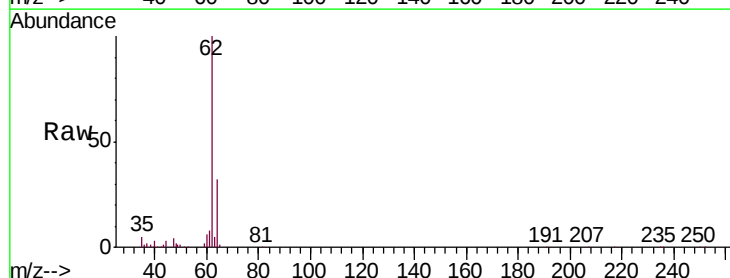
Acq: 10 Mar 2020 10:59

Tgt Ion: 62 Resp: 229152

Ion Ratio Lower Upper

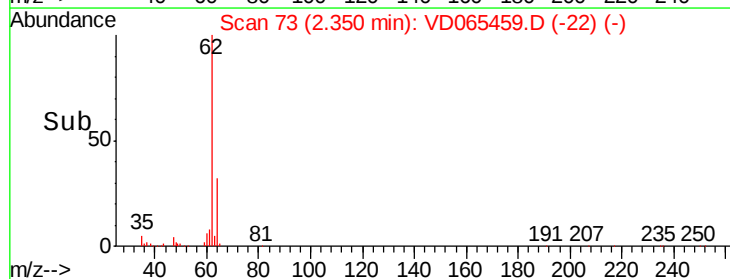
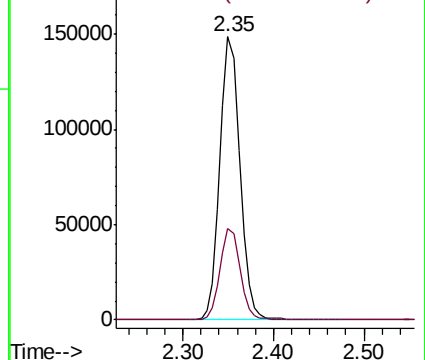
62 100

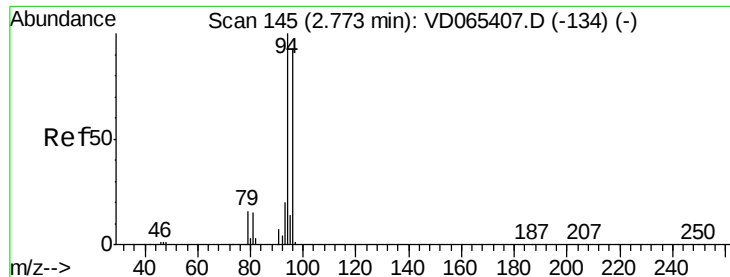
64 32.2 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 54.326 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

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Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

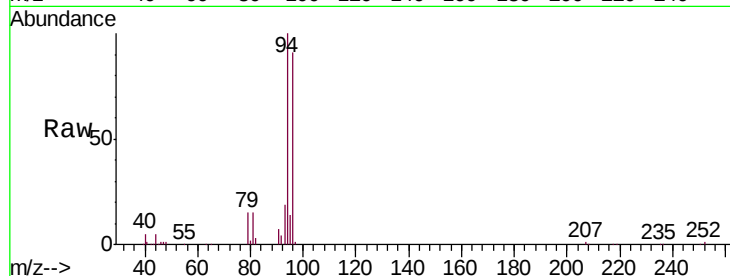
VSTDCCC050

Tgt Ion: 94 Resp: 145259

Ion Ratio Lower Upper

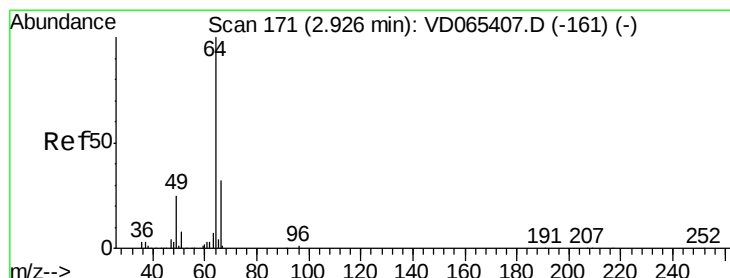
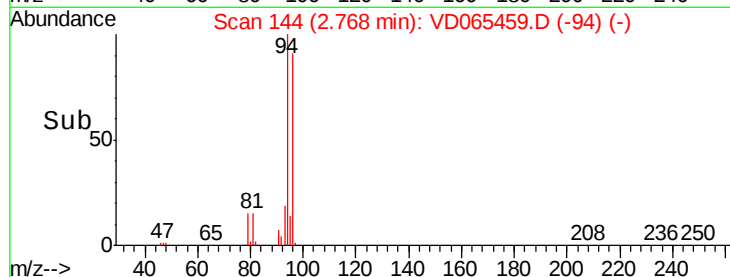
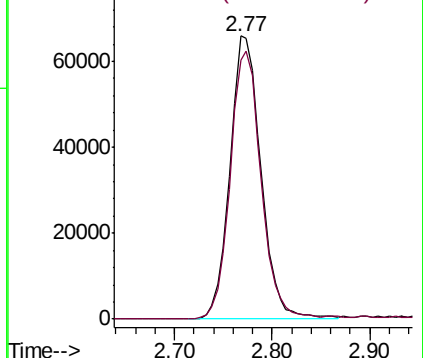
94 100

96 91.1 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: 49.002 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065459.D

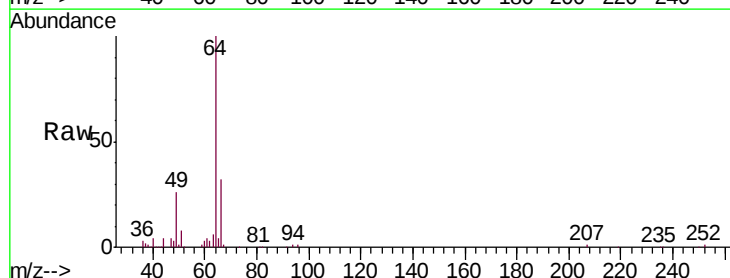
Acq: 10 Mar 2020 10:59

Tgt Ion: 64 Resp: 144312

Ion Ratio Lower Upper

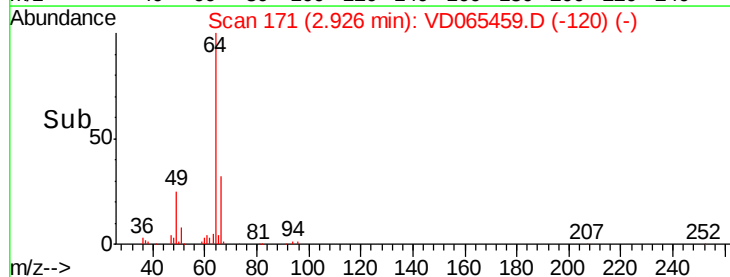
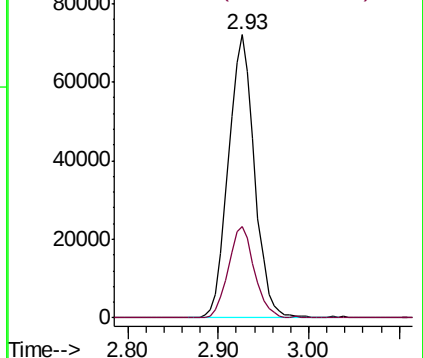
64 100

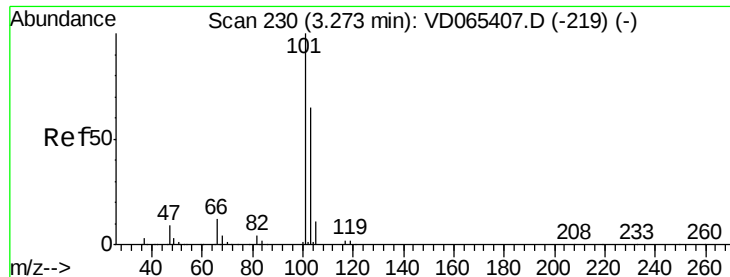
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



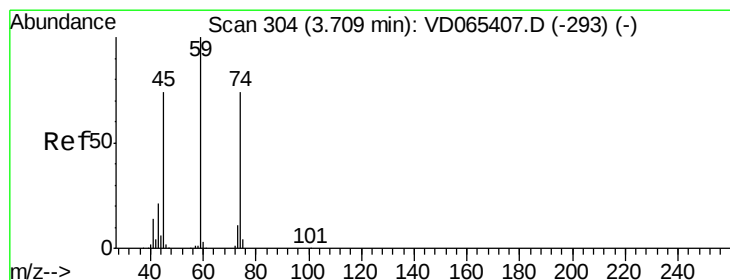
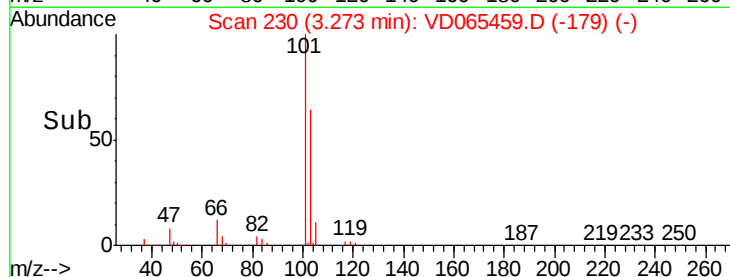
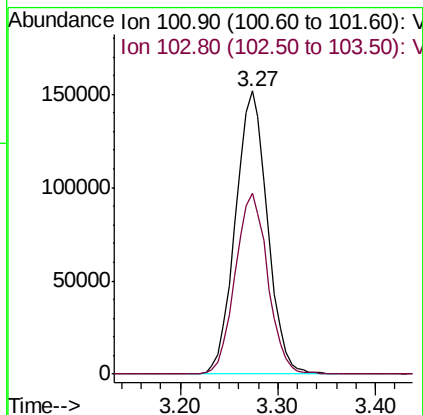
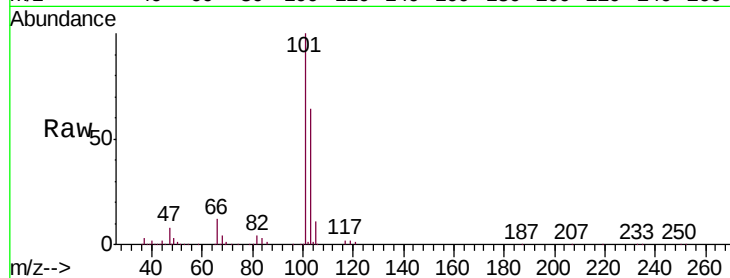


#7

Trichlorofluoromethane
 Concen: 49.053 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

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 VSTDCCC050

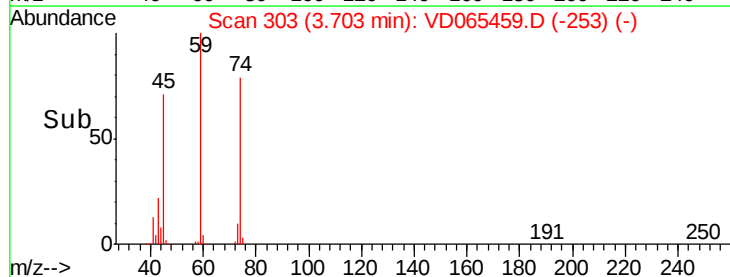
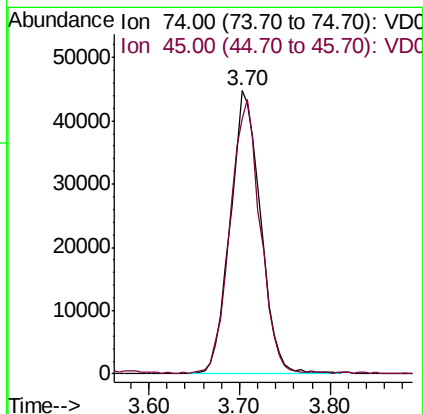
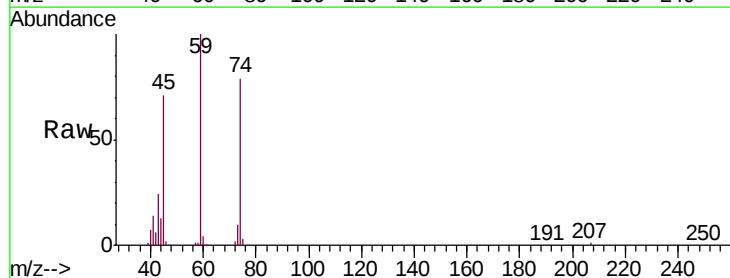
Tgt Ion: 101 Resp: 347561
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.1 78.1

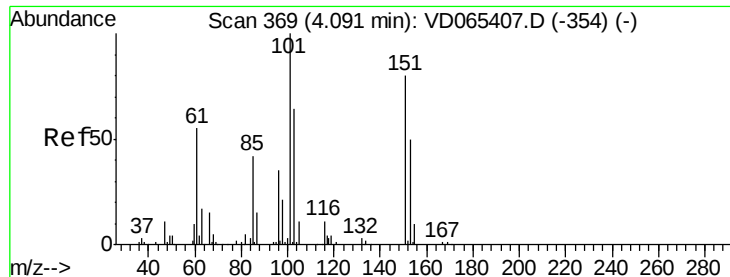


#8

Diethyl Ether
 Concen: 49.465 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion: 74 Resp: 104226
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.479 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065459.D

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Instrument :

MSVOA_D

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VSTDCCC050

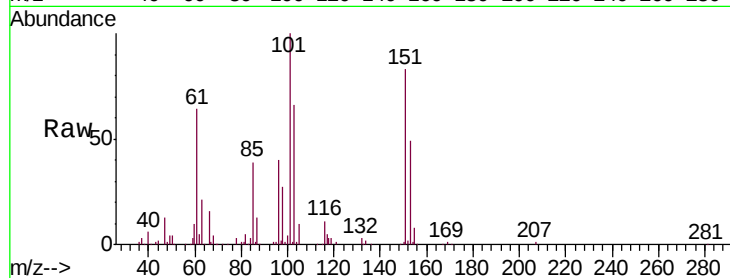
Tgt Ion:101 Resp: 225789

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.2

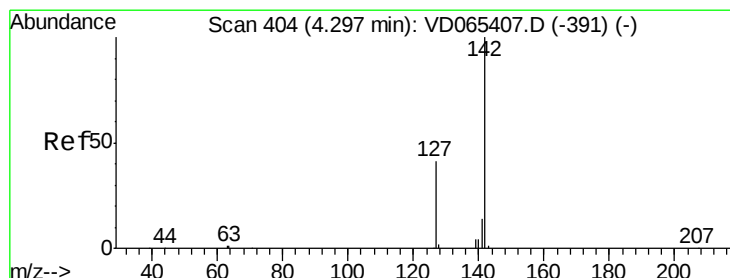
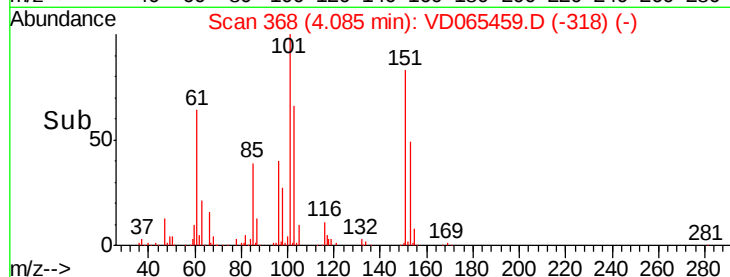
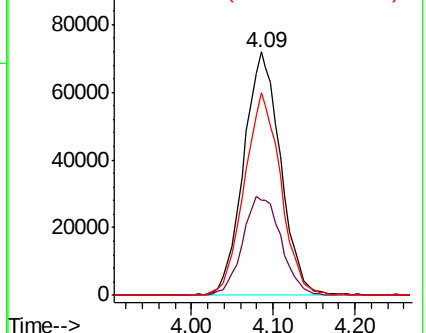
151 82.2 65.1 97.7



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: 51.156 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

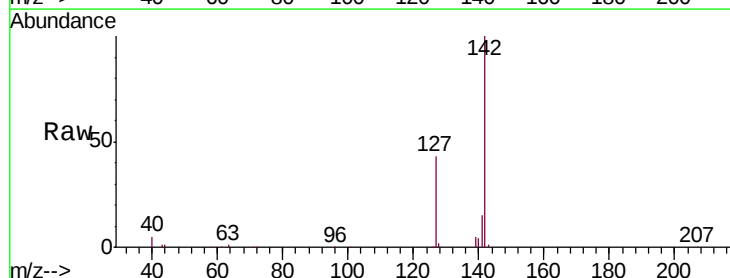
Tgt Ion:142 Resp: 242522

Ion Ratio Lower Upper

142 100

127 42.4 35.0 52.6

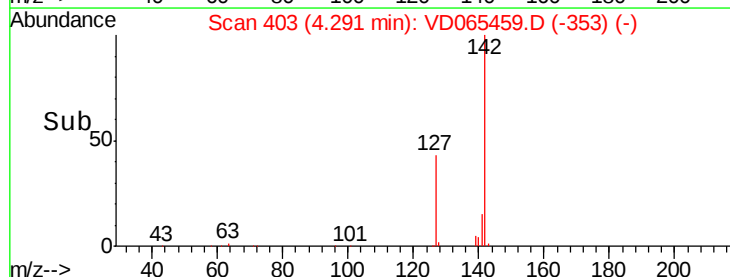
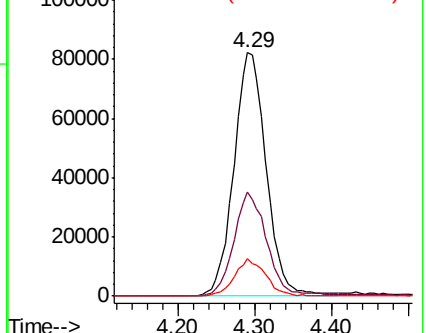
141 14.7 12.4 18.6

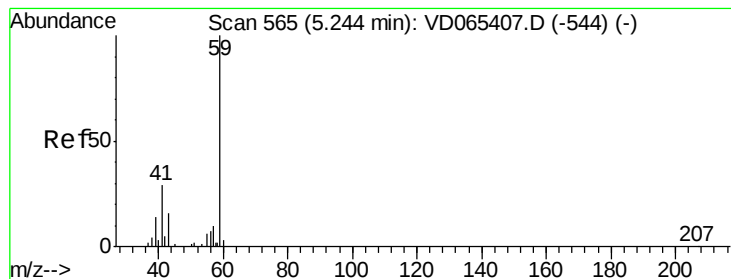


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 272.764 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

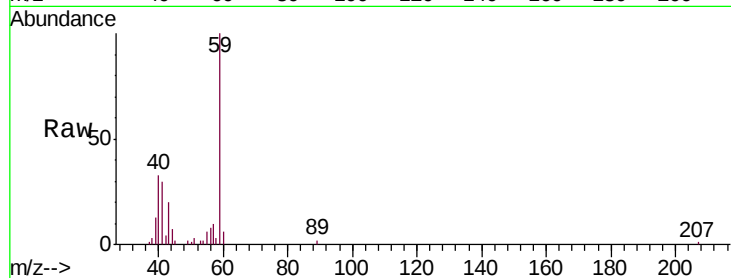
VSTDCCC050

Tgt Ion: 59 Resp: 63057

Ion Ratio Lower Upper

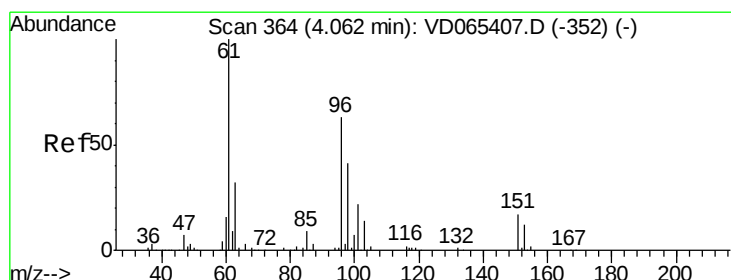
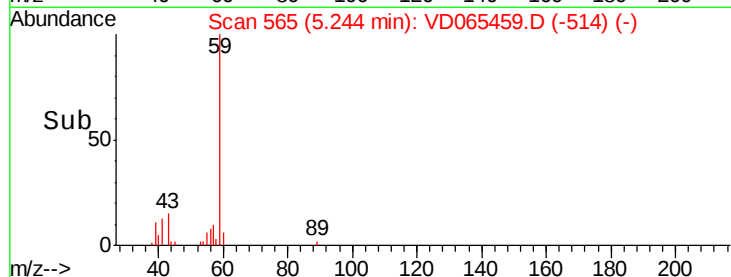
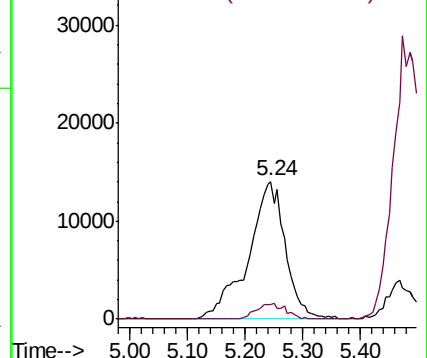
59 100

57 9.0 6.9 10.3



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 48.358 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

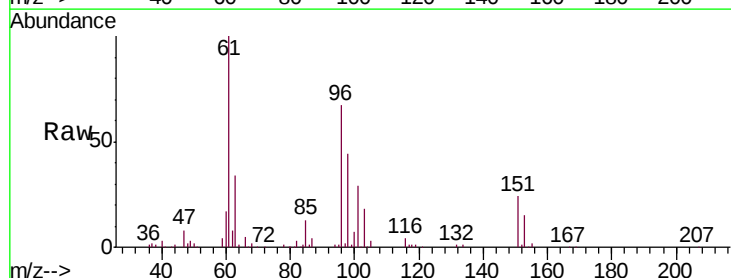
Tgt Ion: 96 Resp: 211306

Ion Ratio Lower Upper

96 100

61 149.1 128.0 192.0

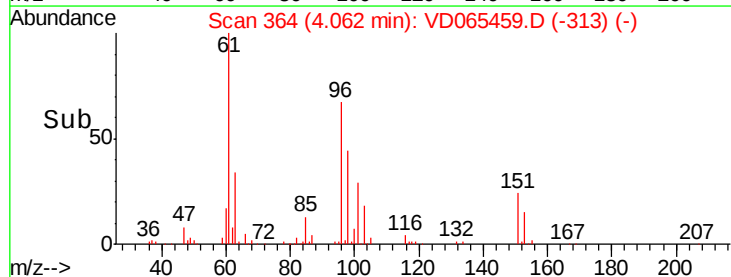
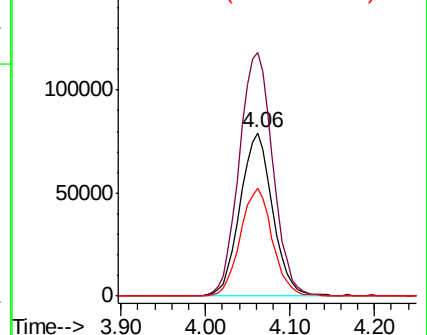
98 65.9 51.9 77.9

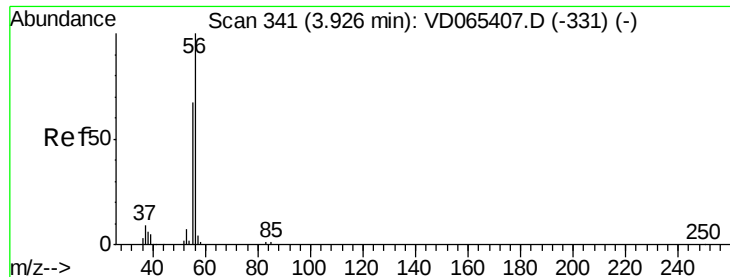


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 282.981 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

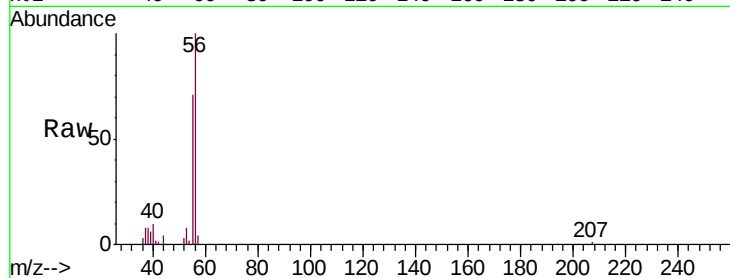
VSTDCCC050

Tgt Ion: 56 Resp: 112823

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

40000

30000

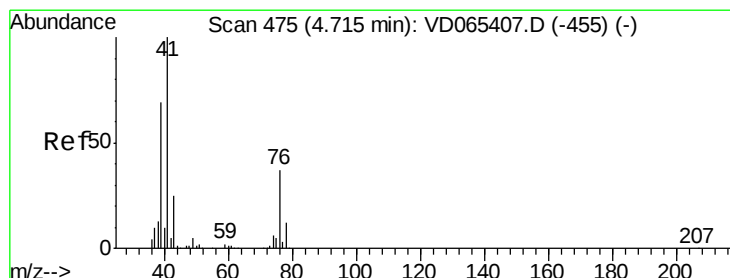
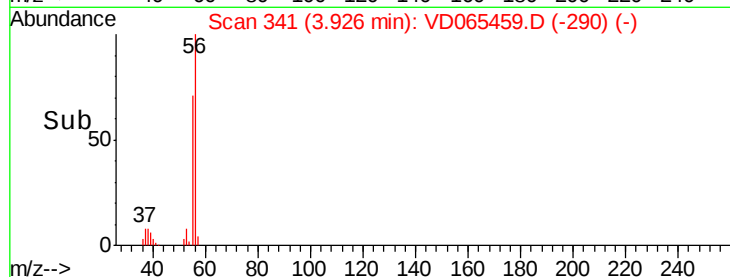
20000

10000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 48.505 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

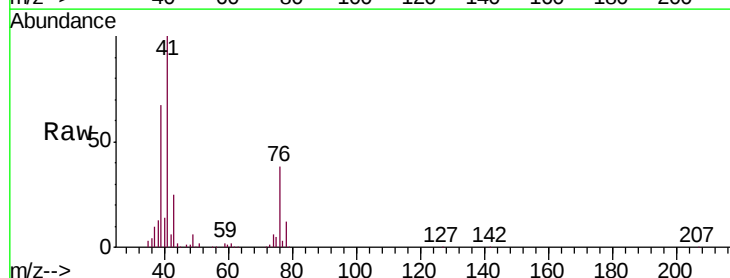
Tgt Ion: 41 Resp: 325589

Ion Ratio Lower Upper

41 100

39 64.9 52.6 79.0

76 36.5 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

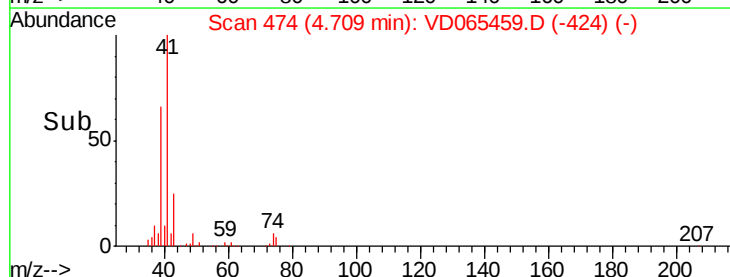
100000

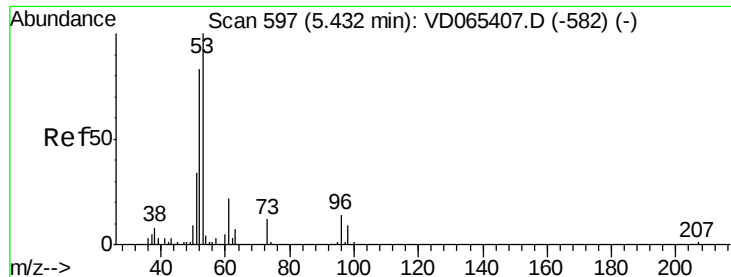
50000

0

Time-->

4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 250.234 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

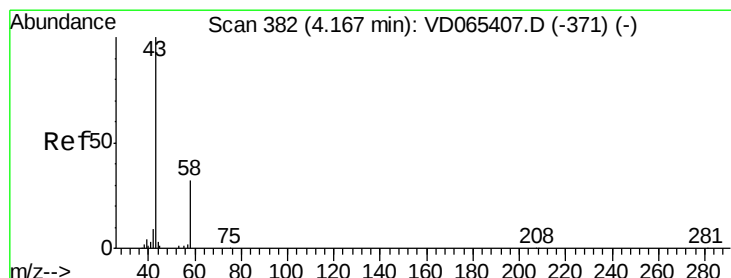
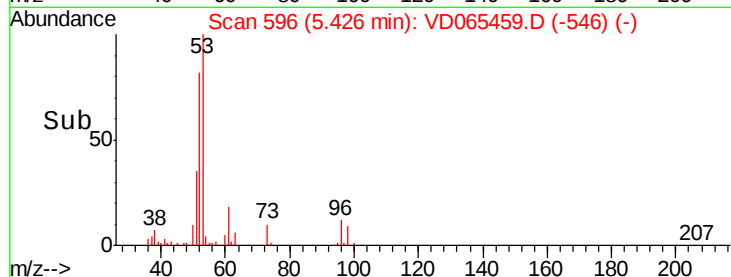
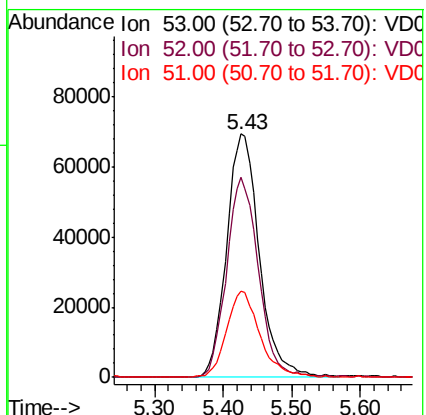
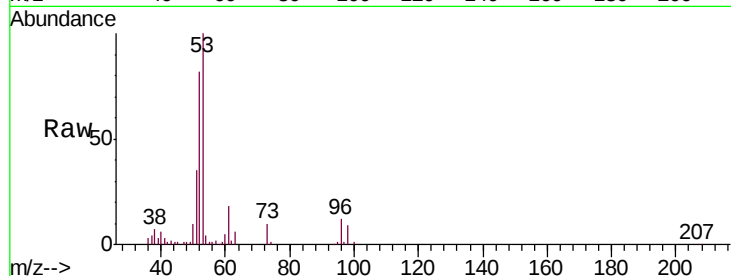
Tgt Ion: 53 Resp: 229379

Ion Ratio Lower Upper

53 100

52 80.4 65.1 97.7

51 36.1 28.5 42.7



#16

Acetone

Concen: 273.589 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065459.D

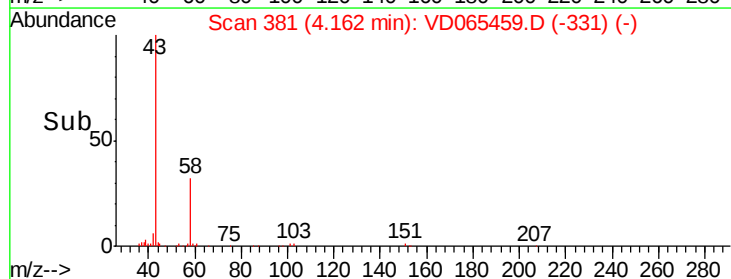
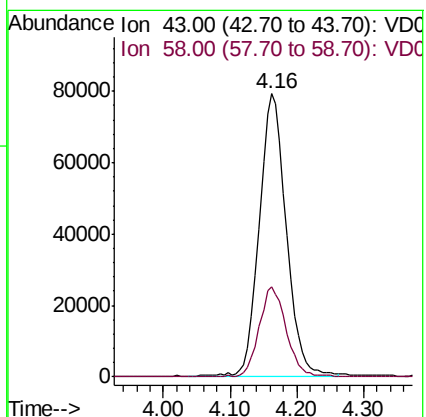
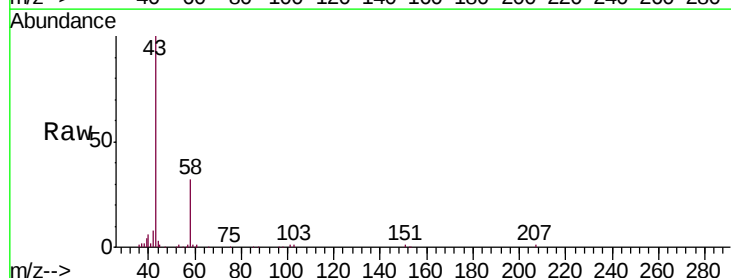
Acq: 10 Mar 2020 10:59

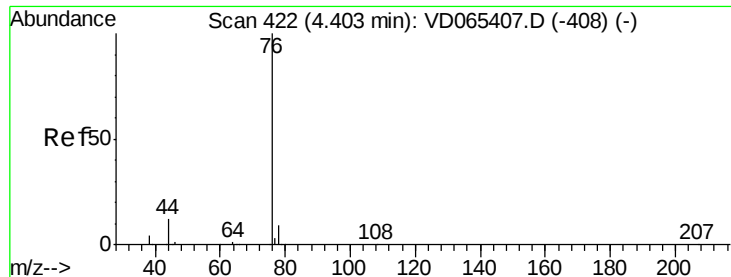
Tgt Ion: 43 Resp: 223001

Ion Ratio Lower Upper

43 100

58 32.0 25.1 37.7

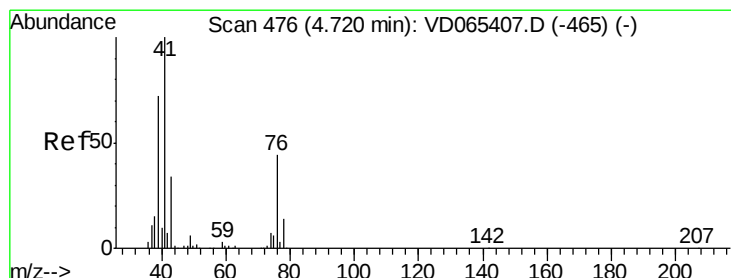
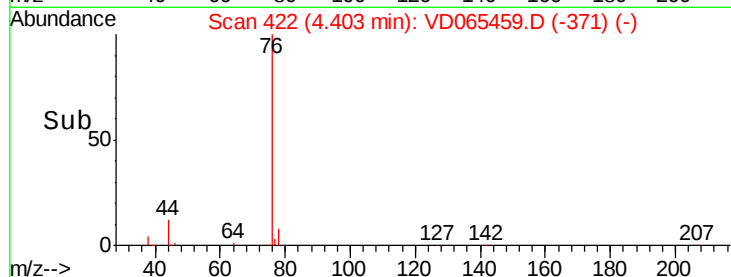
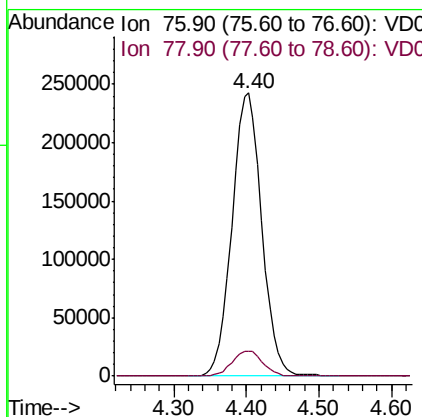
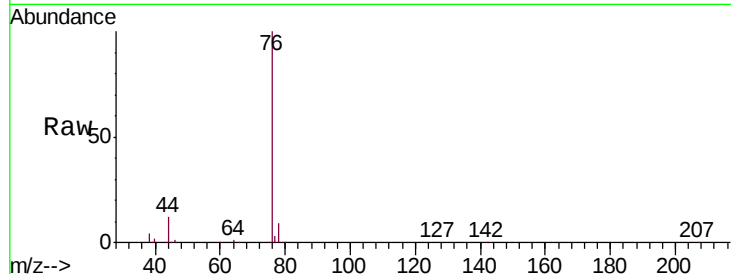




#17
Carbon Disulfide
Concen: 47.424 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

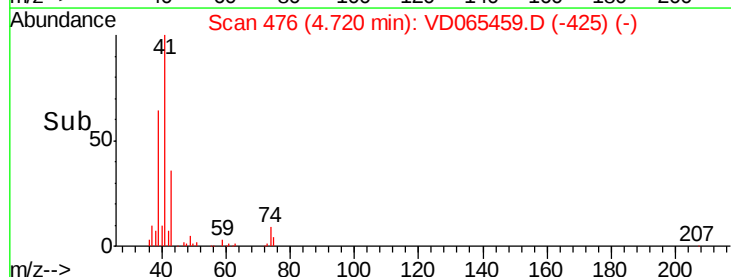
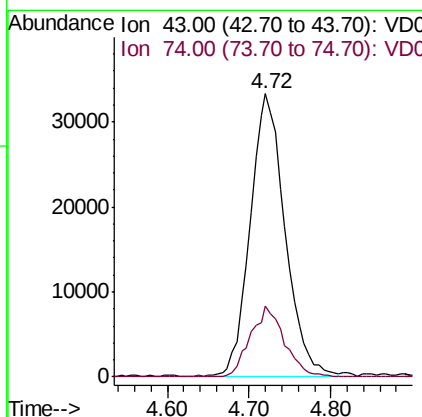
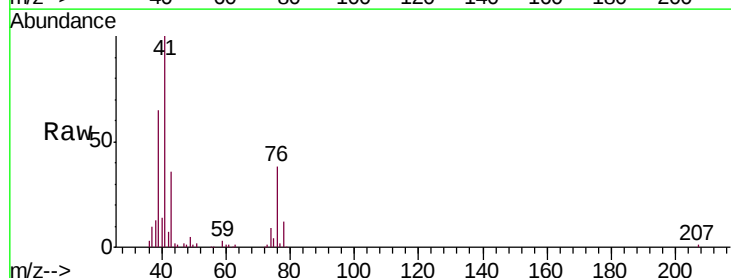
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

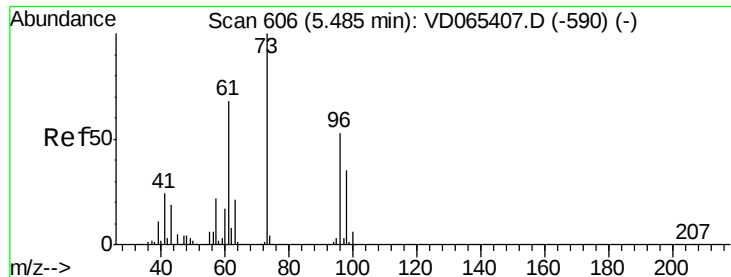
Tgt Ion: 76 Resp: 690094
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 47.884 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 43 Resp: 99005
Ion Ratio Lower Upper
43 100
74 24.1 19.6 29.4

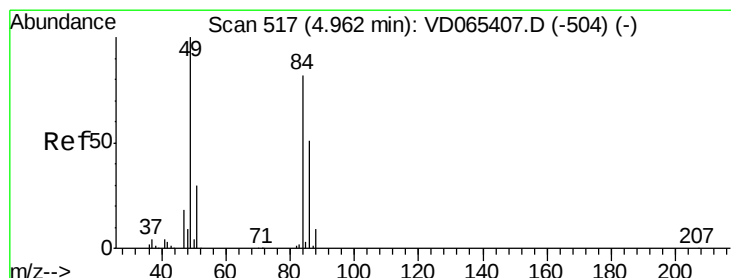
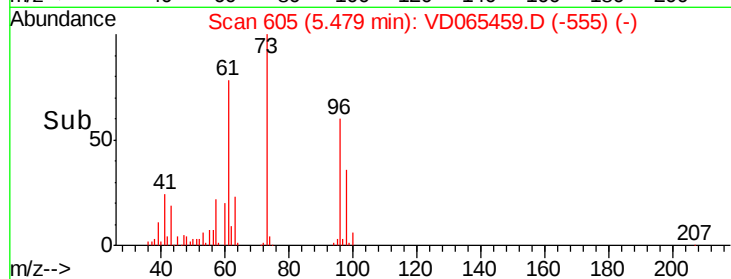
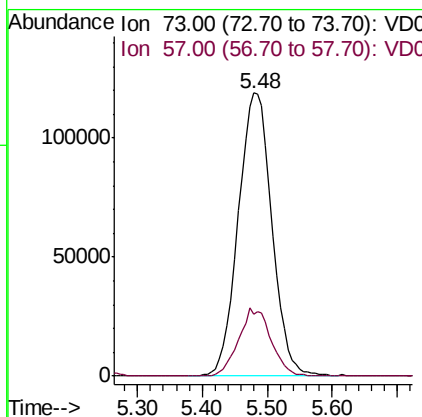
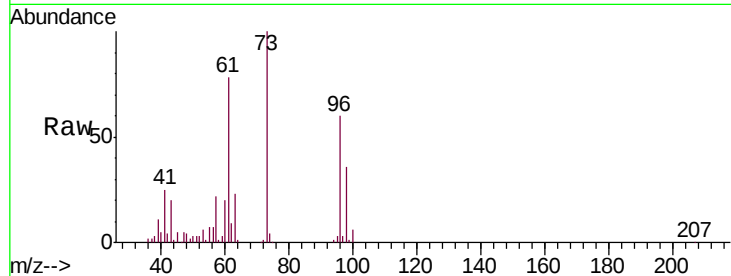




#19
Methyl tert-butyl Ether
Concen: 50.651 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

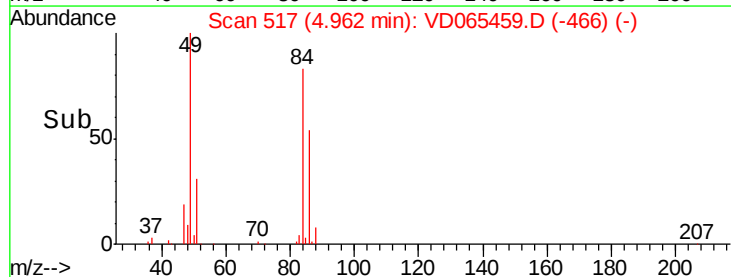
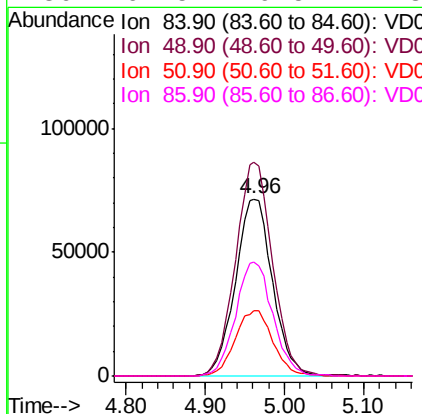
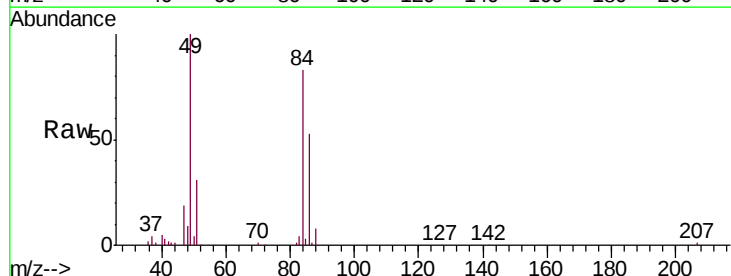
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

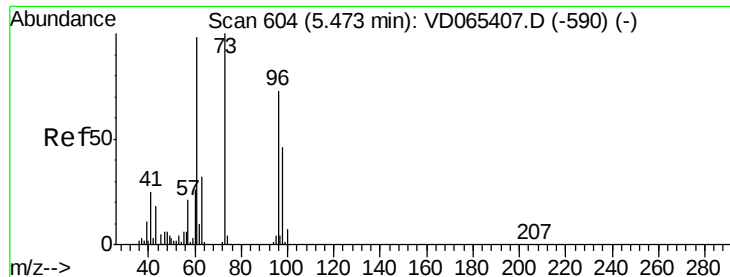
Tgt Ion: 73 Resp: 425623
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 52.678 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 84 Resp: 232355
Ion Ratio Lower Upper
84 100
49 120.8 97.7 146.5
51 37.0 28.8 43.2
86 64.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 51.179 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

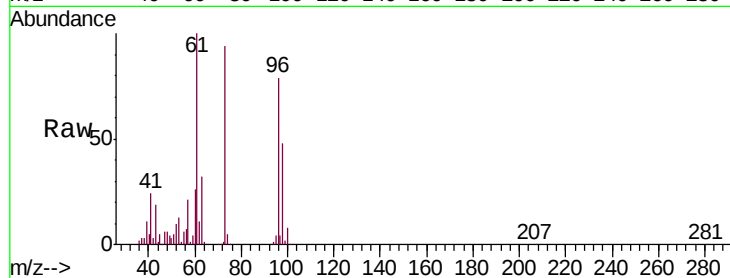
Tgt Ion: 96 Resp: 248774

Ion Ratio Lower Upper

96 100

61 126.5 106.3 159.5

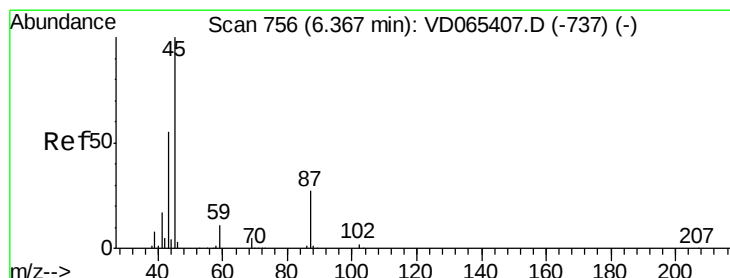
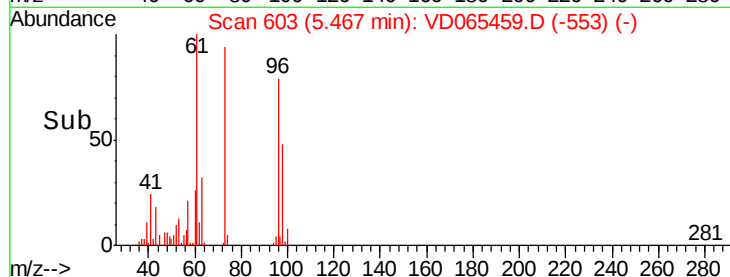
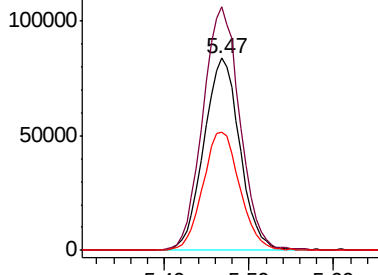
98 61.4 50.2 75.4



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: 52.564 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Tgt Ion: 45 Resp: 655908

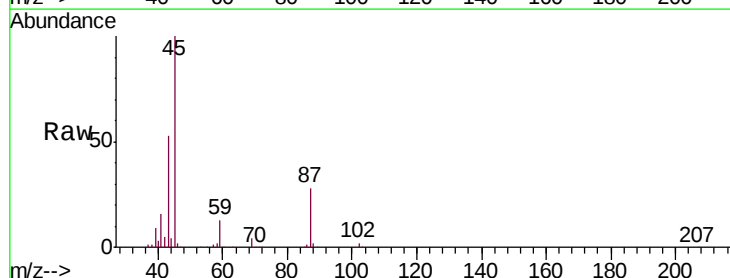
Ion Ratio Lower Upper

45 100

43 52.6 44.4 66.6

87 27.8 21.9 32.9

59 12.8 9.2 13.8

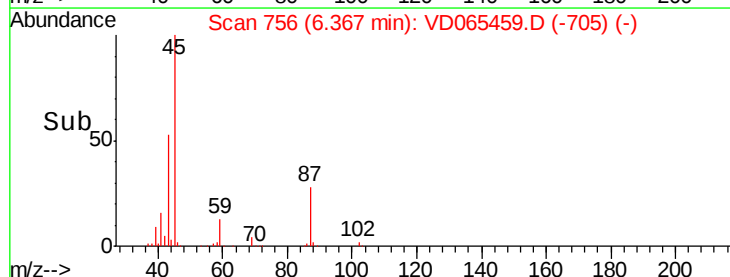
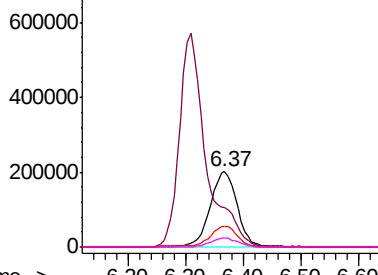


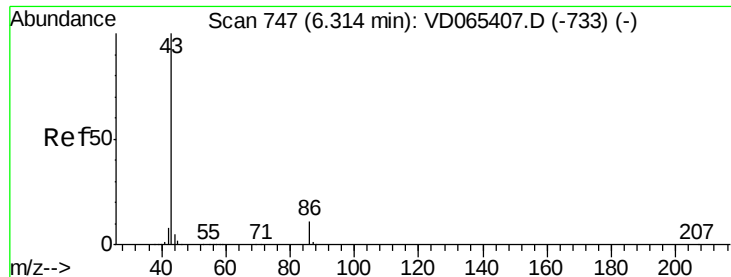
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 267.093 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

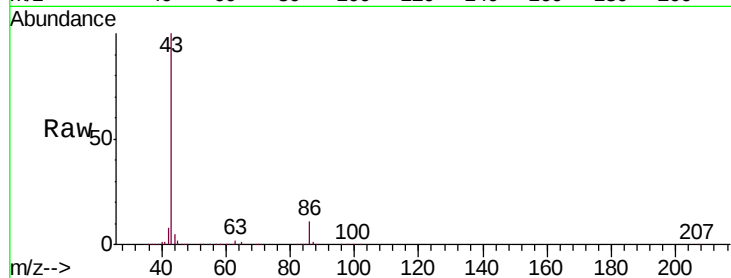
VSTDCCC050

Tgt Ion: 43 Resp: 1850548

Ion Ratio Lower Upper

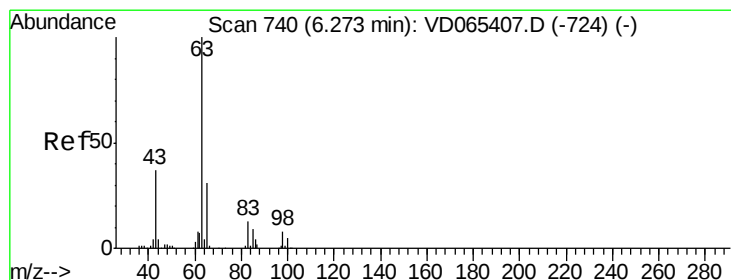
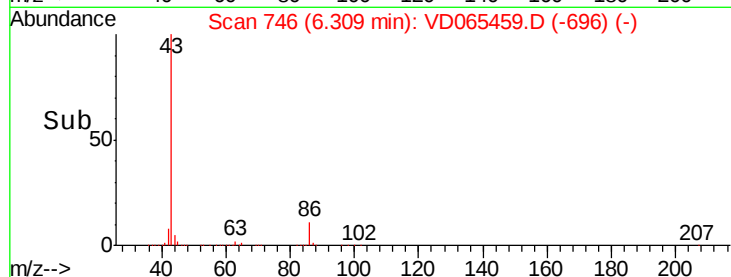
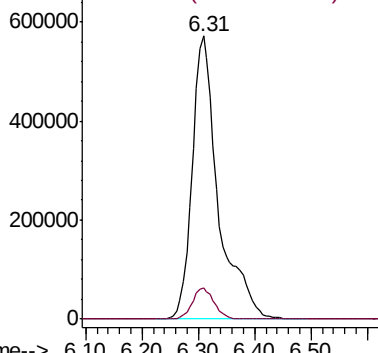
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.232 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

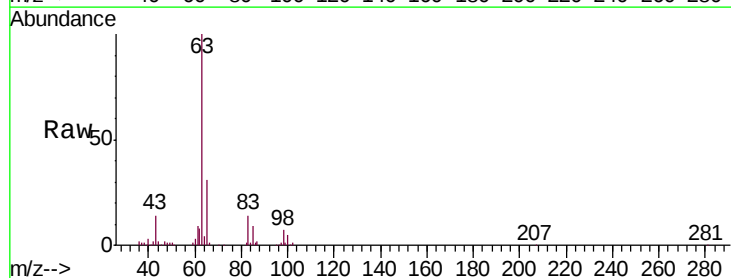
Tgt Ion: 63 Resp: 402039

Ion Ratio Lower Upper

63 100

98 7.5 4.2 12.6

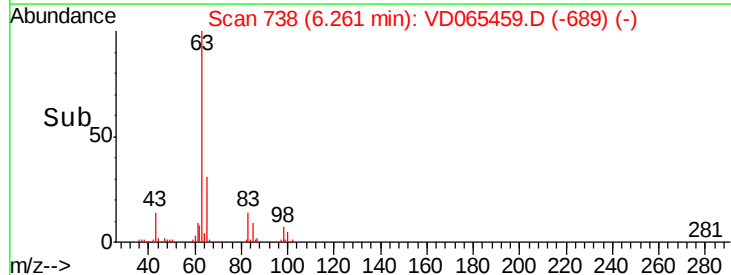
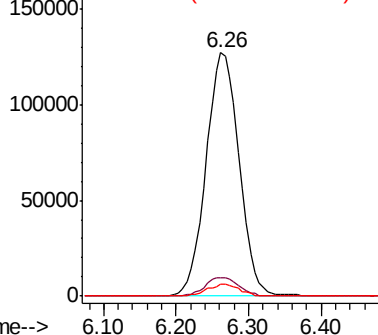
100 5.0 2.4 7.2

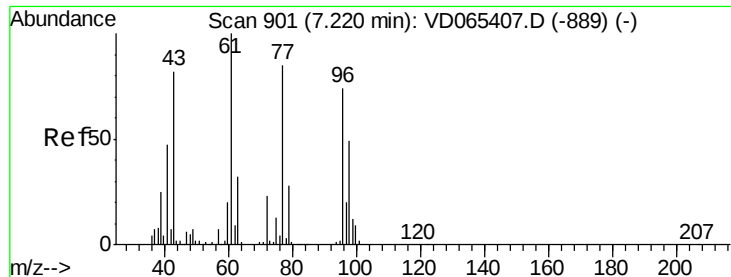


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 257.453 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

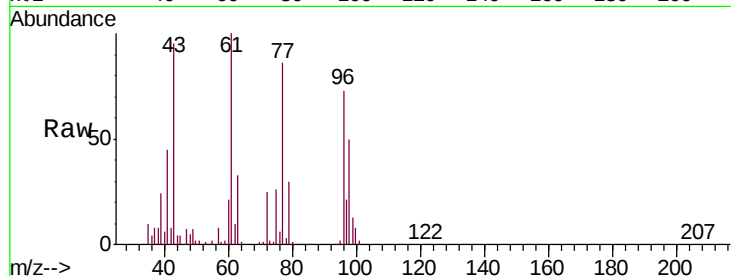
VSTDCCC050

Tgt Ion: 43 Resp: 286370

Ion Ratio Lower Upper

43 100

72 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.22

120000

100000

80000

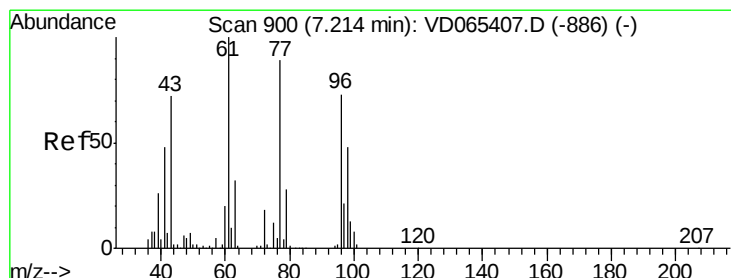
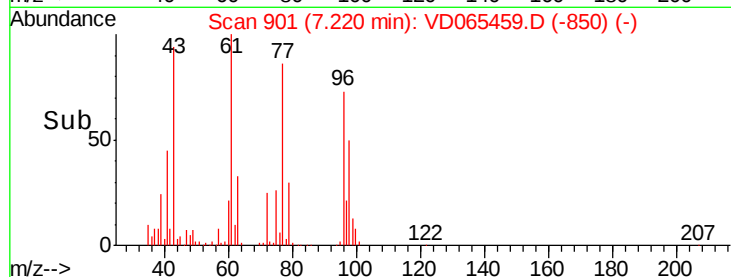
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 50.929 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065459.D

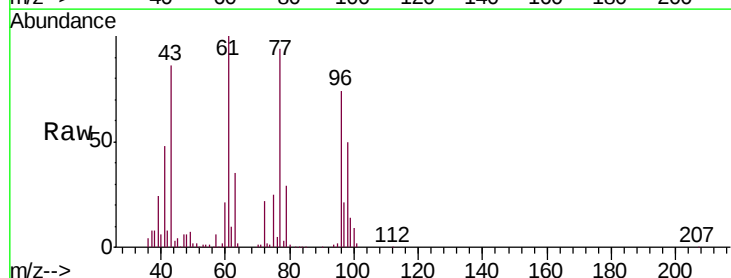
Acq: 10 Mar 2020 10:59

Tgt Ion: 77 Resp: 356212

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

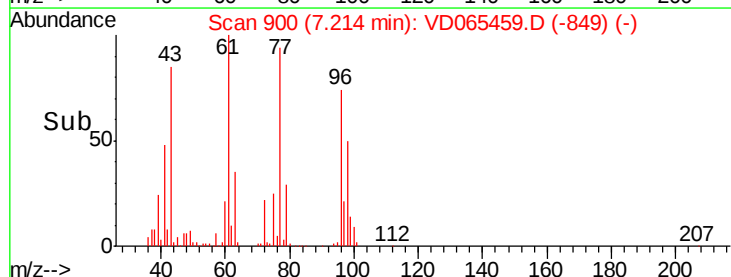
7.21

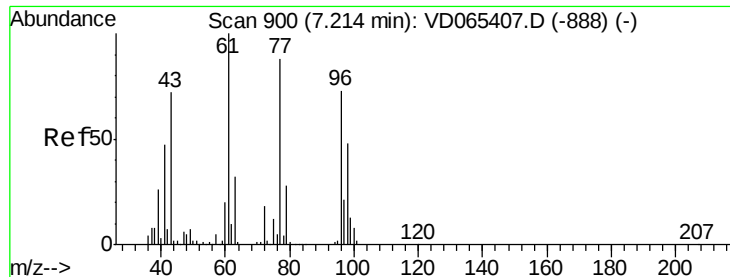
100000

50000

0

Time--> 7.10 7.20 7.30



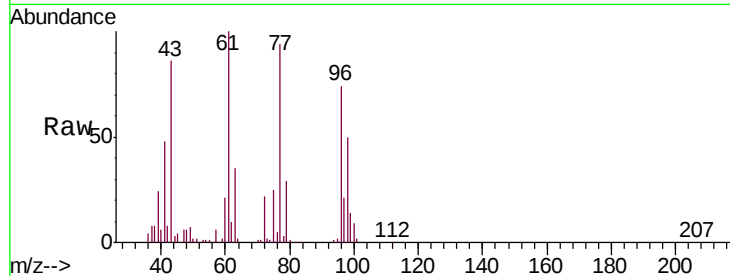


#27

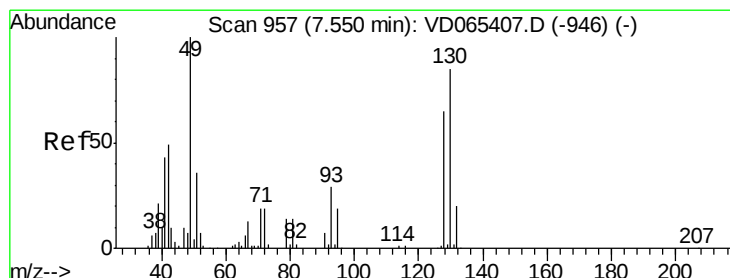
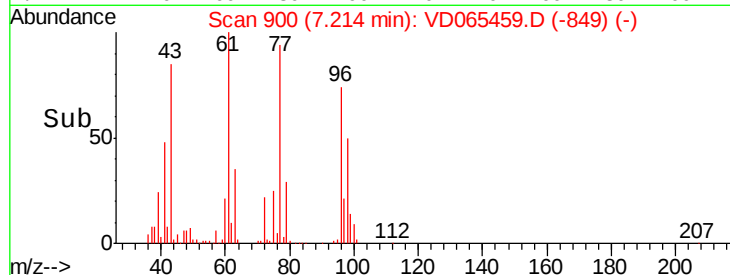
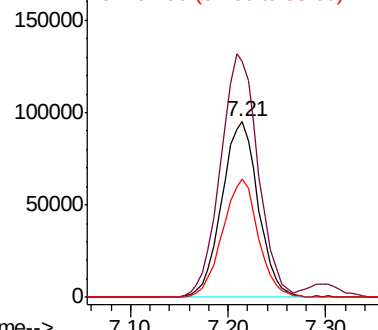
cis-1,2-Dichloroethene
 Concen: 50.052 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 248680
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 280.4
 98 66.2 0.0 132.6



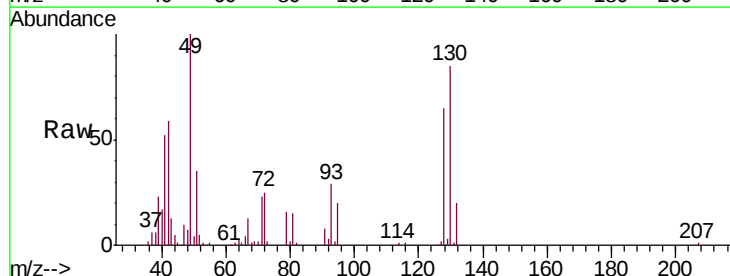
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



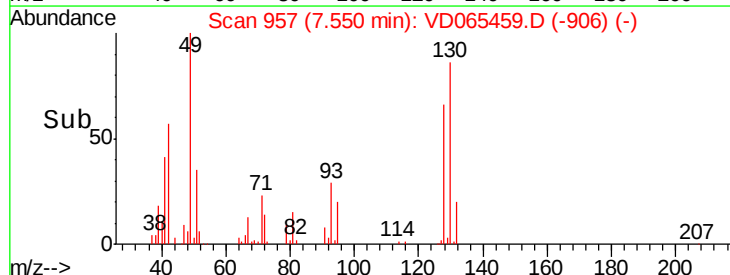
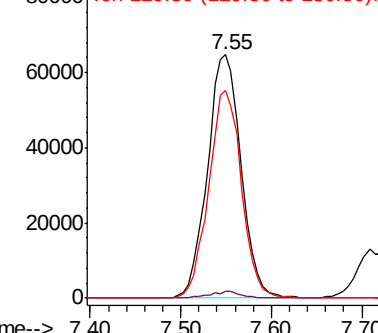
#28

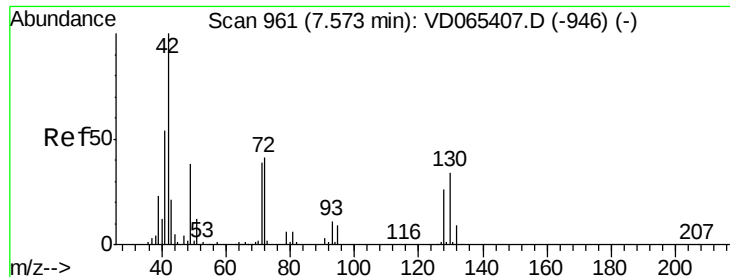
Bromochloromethane
 Concen: 52.035 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion: 49 Resp: 166625
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 83.2 66.6 100.0



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

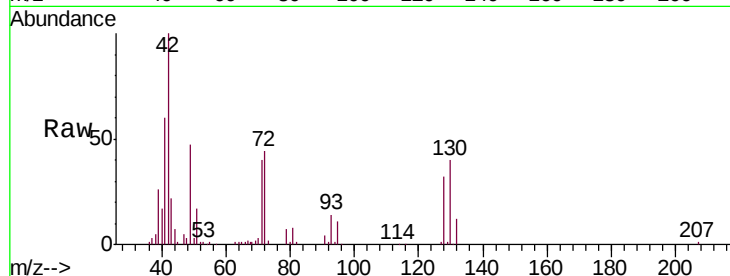




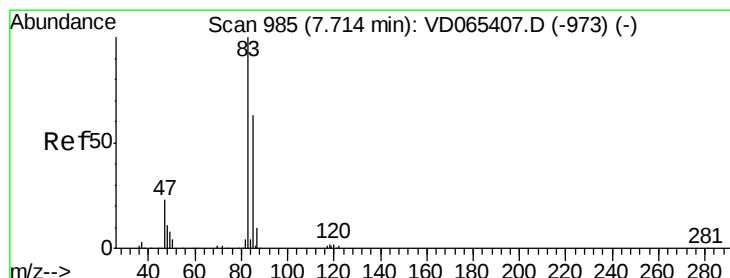
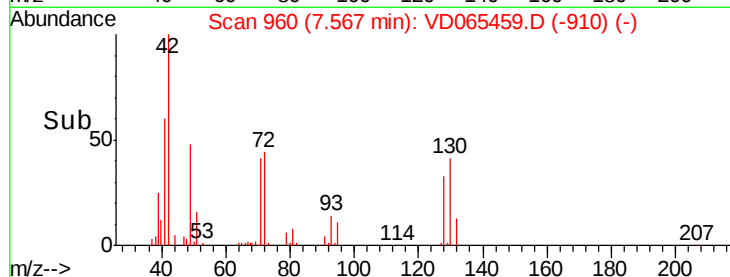
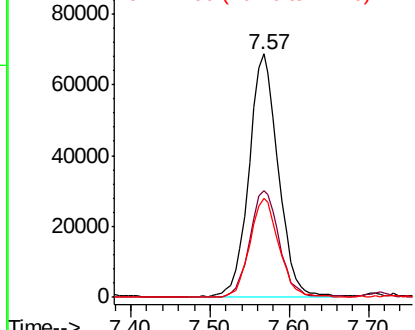
#29
Tetrahydrofuran
Concen: 250.380 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 177855
Ion Ratio Lower Upper
42 100
72 43.8 33.0 49.6
71 40.3 32.0 48.0

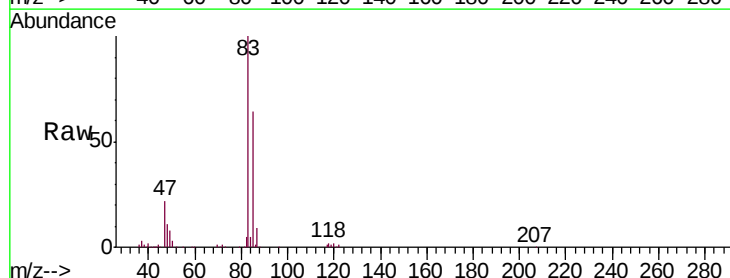


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

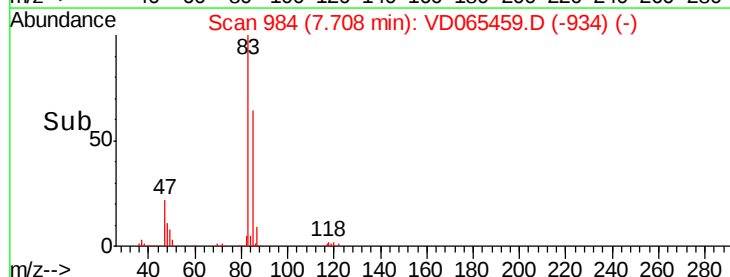
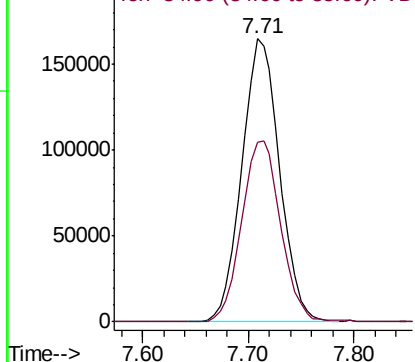


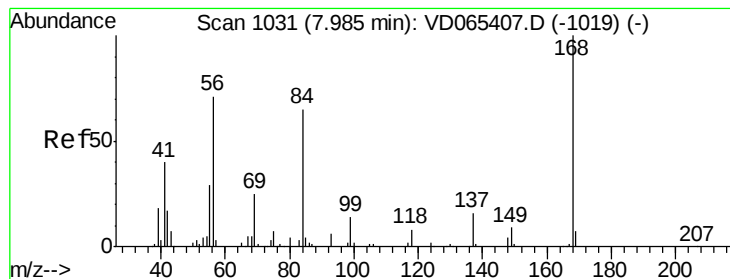
#30
Chloroform
Concen: 51.148 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 83 Resp: 409174
Ion Ratio Lower Upper
83 100
85 63.6 50.3 75.5



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





#31

Cyclohexane

Concen: 48.236 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

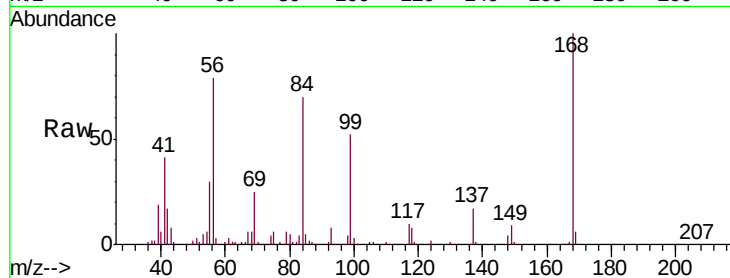
Tgt Ion: 56 Resp: 386036

Ion Ratio Lower Upper

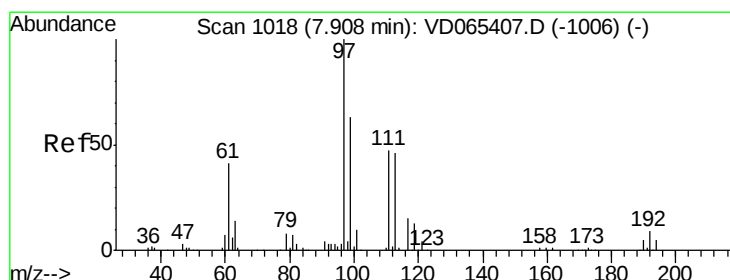
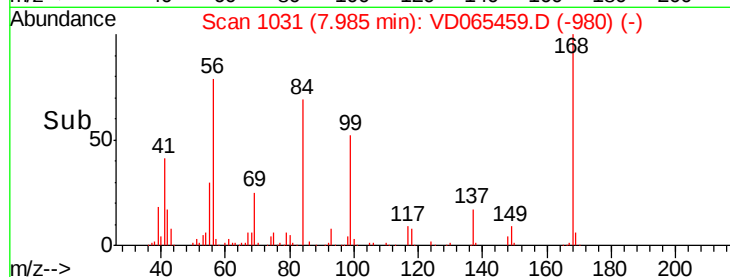
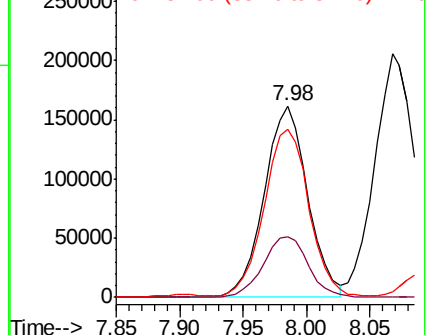
56 100

69 31.5 28.3 42.5

84 86.1 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: 50.907 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

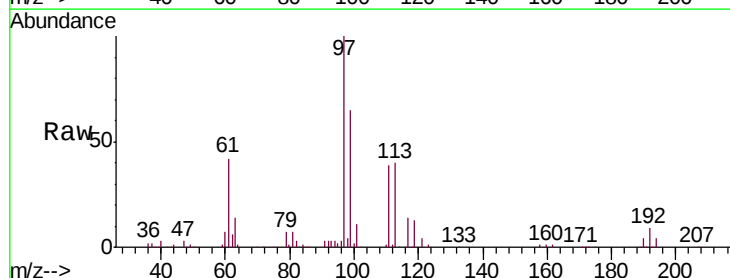
Tgt Ion: 97 Resp: 376347

Ion Ratio Lower Upper

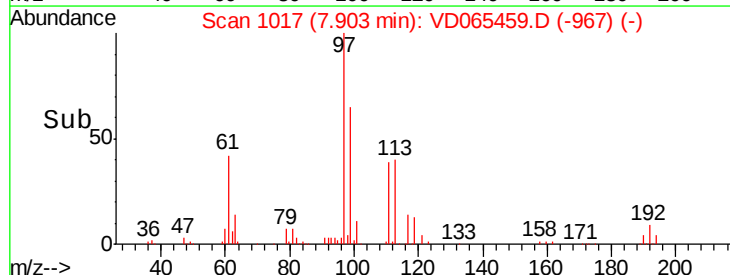
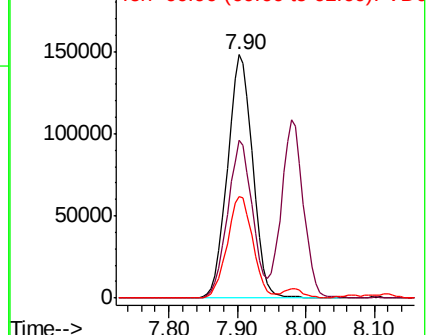
97 100

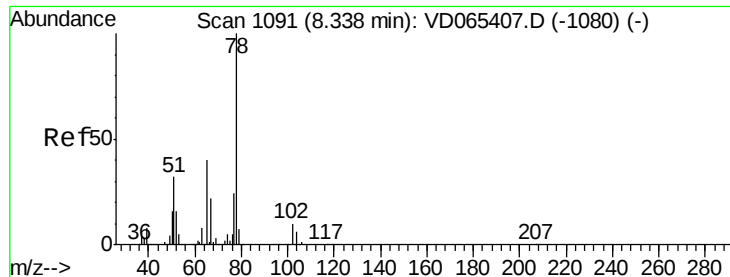
99 64.0 50.9 76.3

61 42.5 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

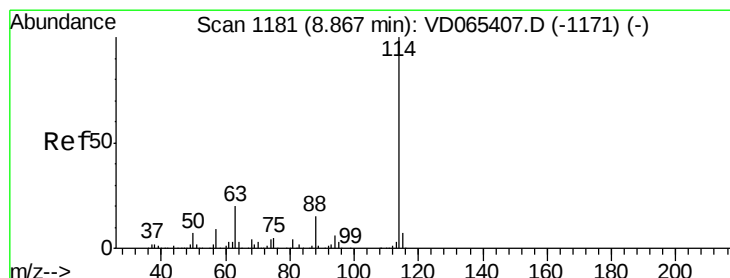
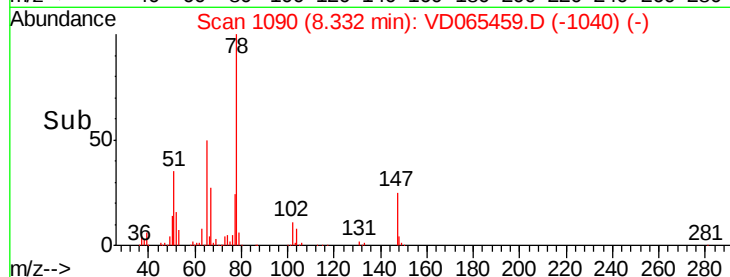
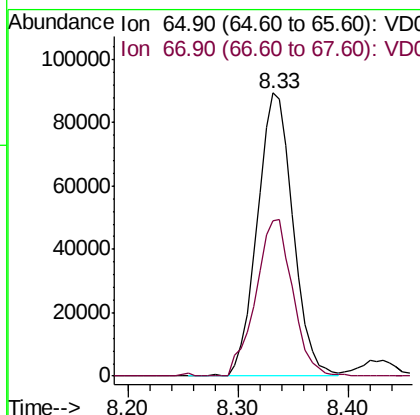
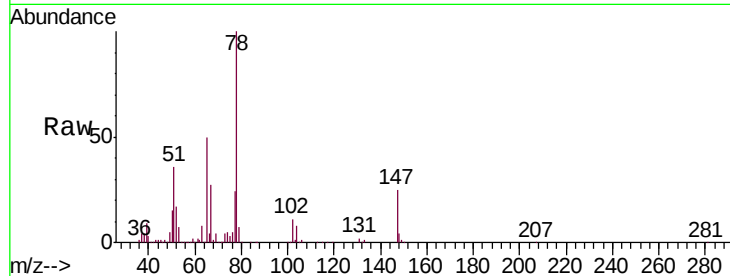




#33
 1,2-Dichloroethane-d4
 Concen: 50.178 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

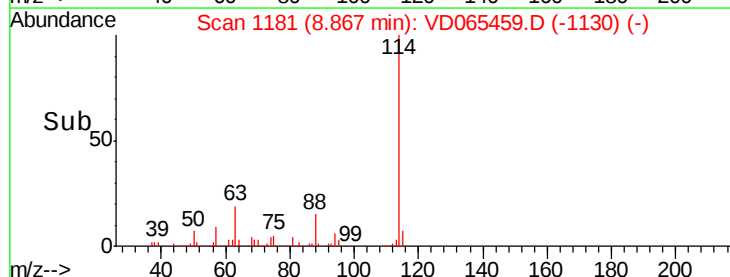
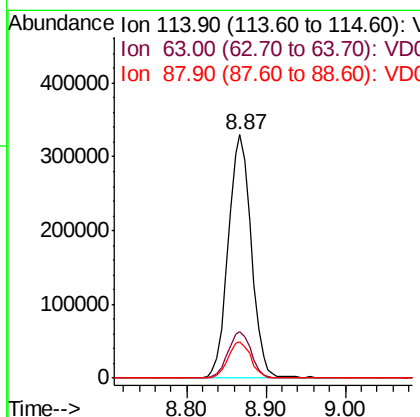
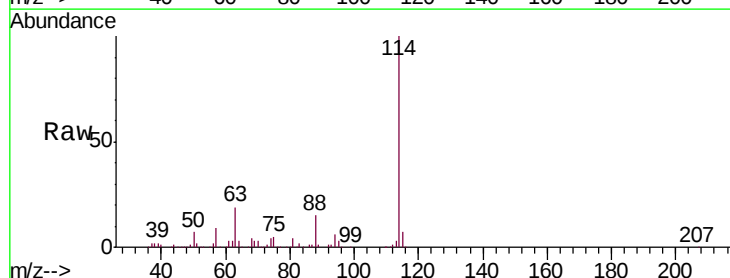
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 202234
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion: 114 Resp: 661644
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 14.9 0.0 30.4

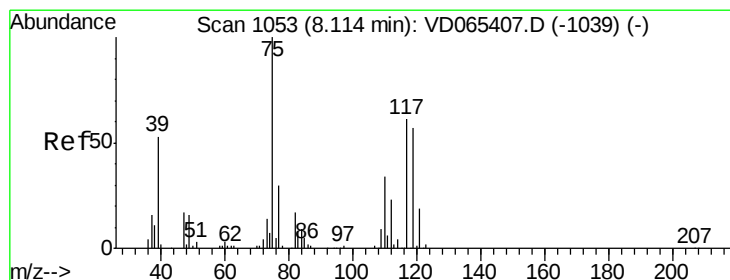
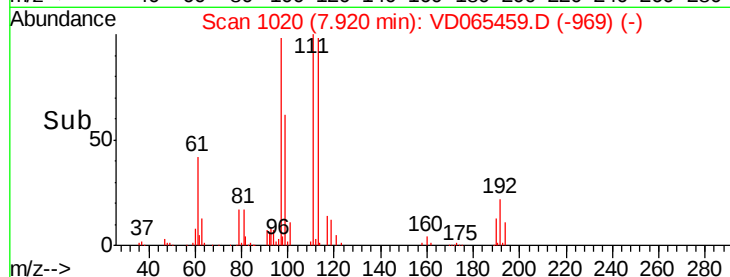
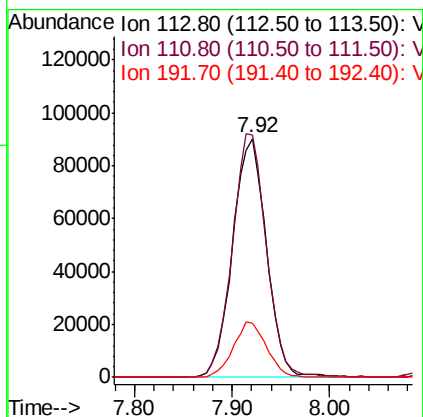
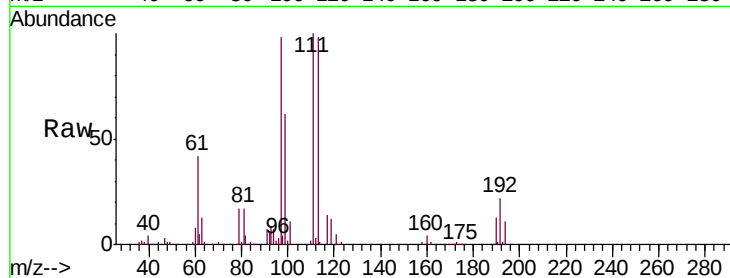




#35
Dibromofluoromethane
Concen: 53.046 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

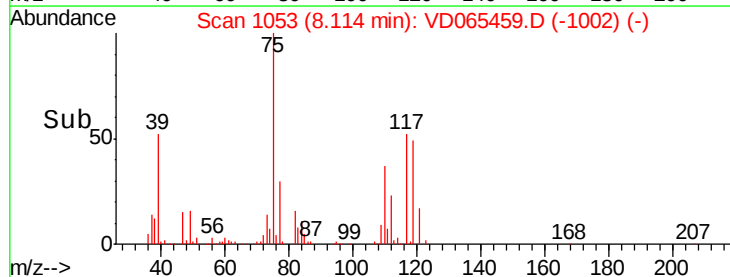
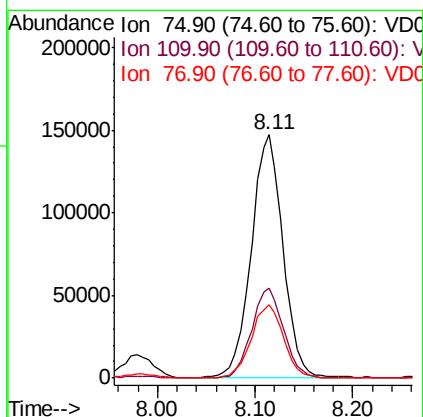
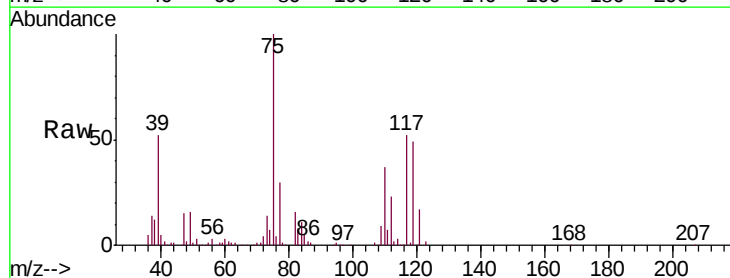
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

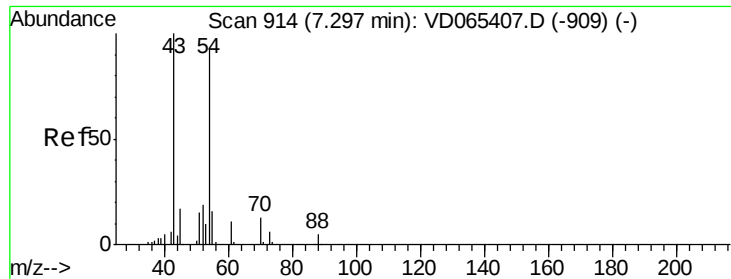
Tgt Ion: 113 Resp: 217044
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 22.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 52.551 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 75 Resp: 333291
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.1
77 31.3 25.2 37.8

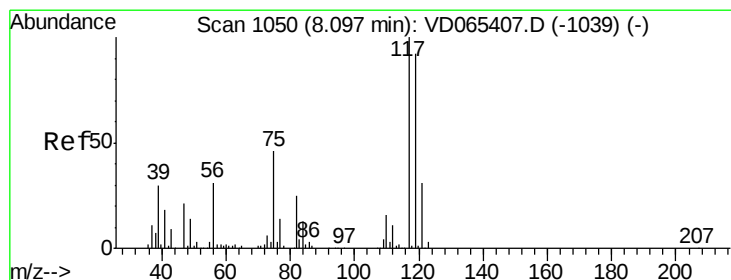
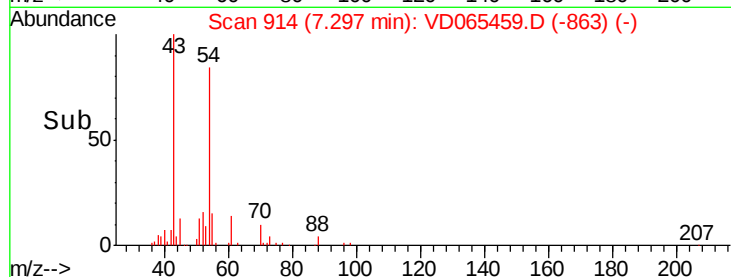
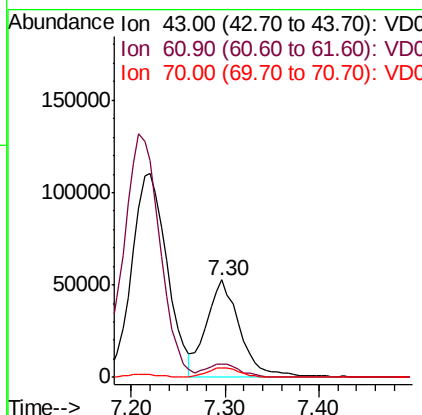
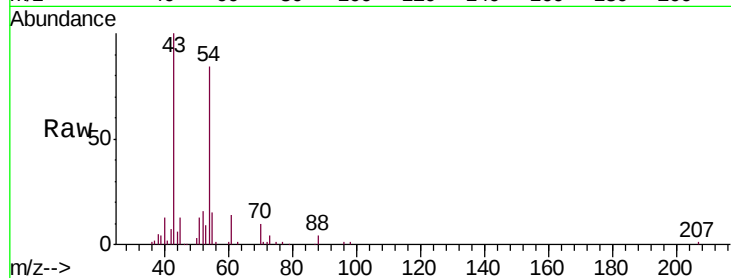




#37
Ethyl Acetate
Concen: 53.047 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

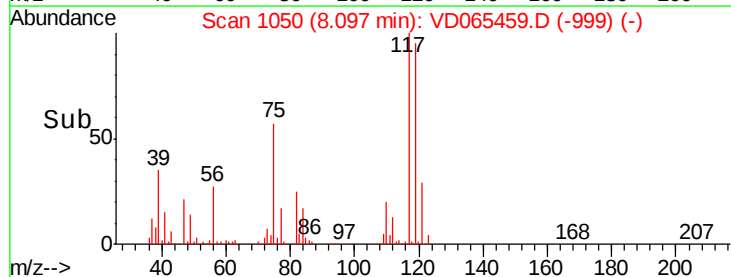
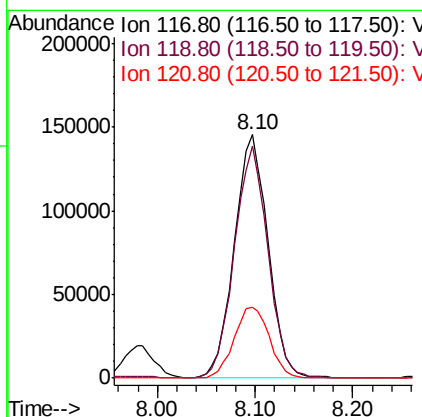
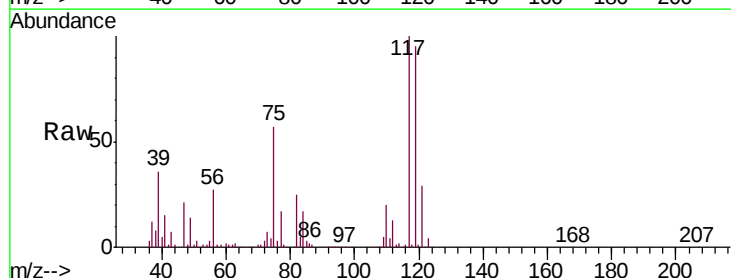
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

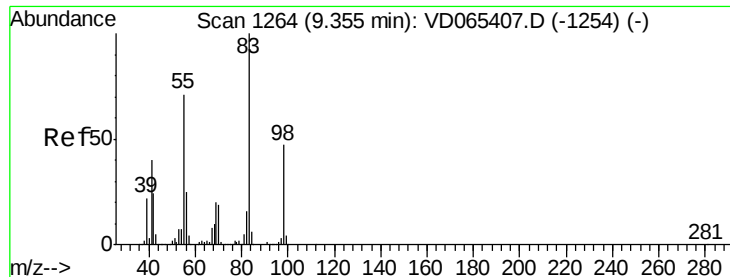
Tgt Ion: 43 Resp: 130039
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 10.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.987 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 117 Resp: 348481
Ion Ratio Lower Upper
117 100
119 95.2 73.3 109.9
121 29.4 25.0 37.4

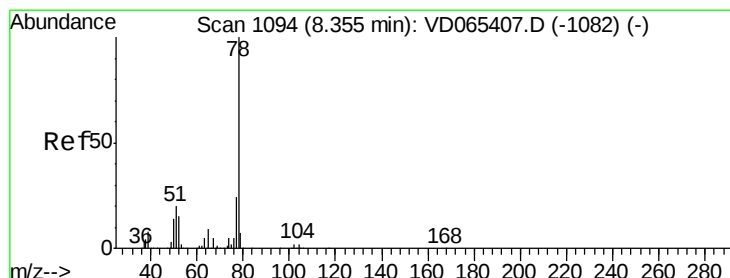
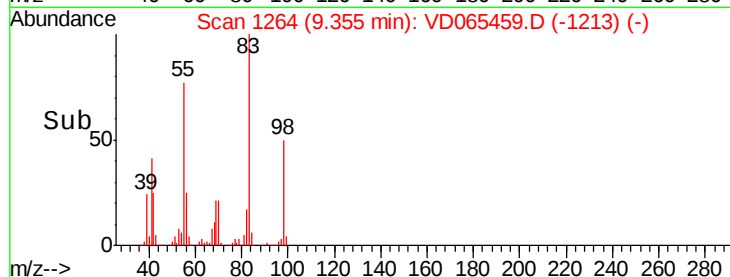
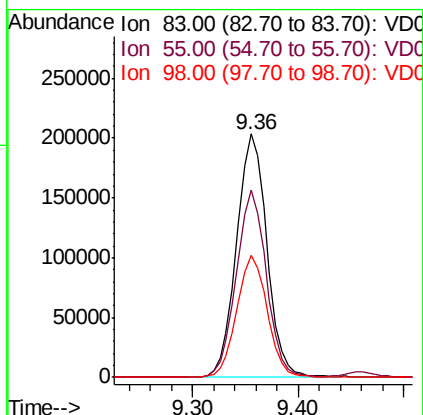
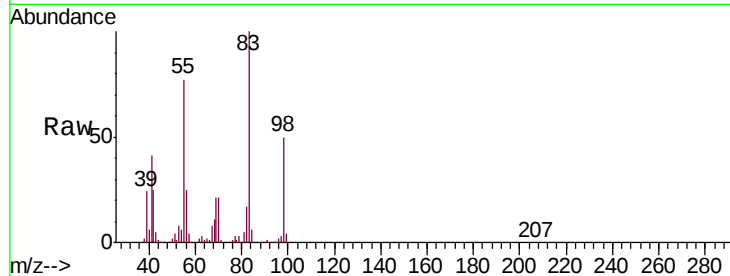




#39
Methylcyclohexane
Concen: 53.078 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

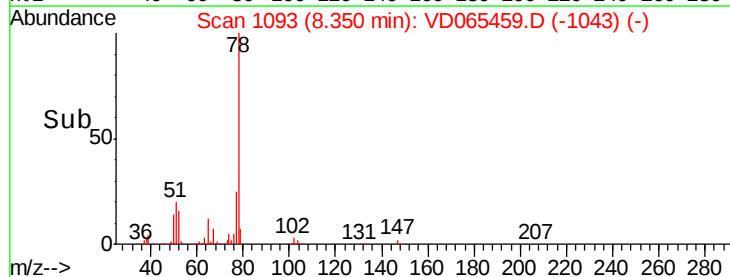
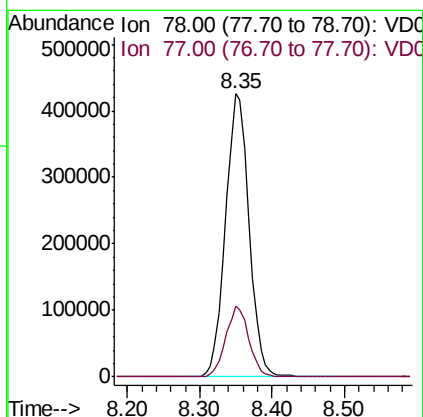
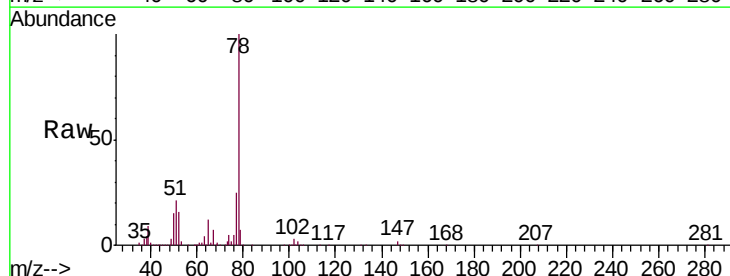
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

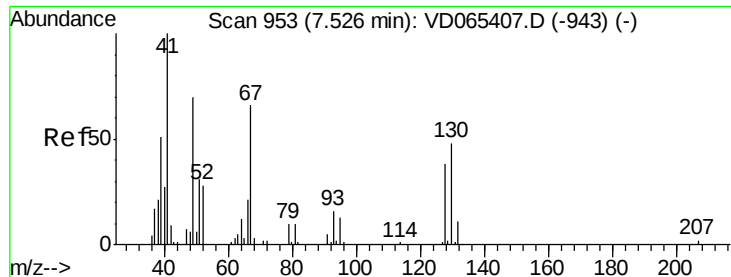
Tgt Ion: 83 Resp: 406585
Ion Ratio Lower Upper
83 100
55 76.7 57.1 85.7
98 50.0 37.8 56.8



#40
Benzene
Concen: 54.210 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 78 Resp: 961283
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0





#41

Methacrylonitrile

Concen: 57.459 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 74491

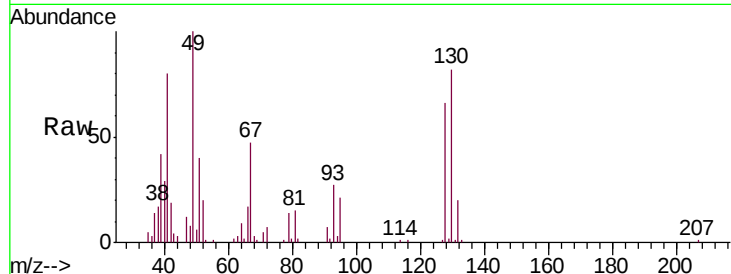
Ion Ratio Lower Upper

41 100

39 54.2 55.0 82.6#

67 72.1 70.3 105.5

52 30.1 30.7 46.1#

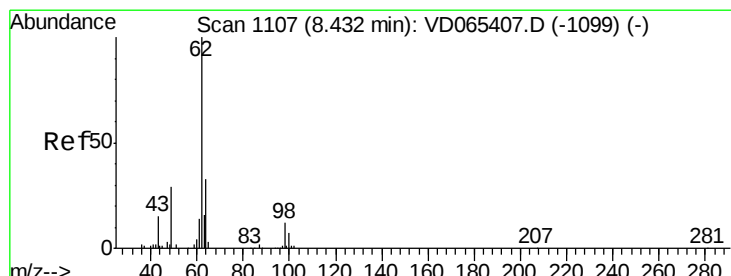
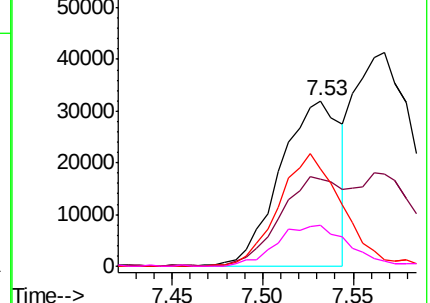
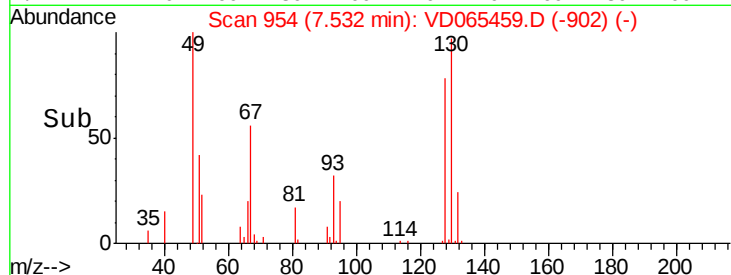


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 53.608 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065459.D

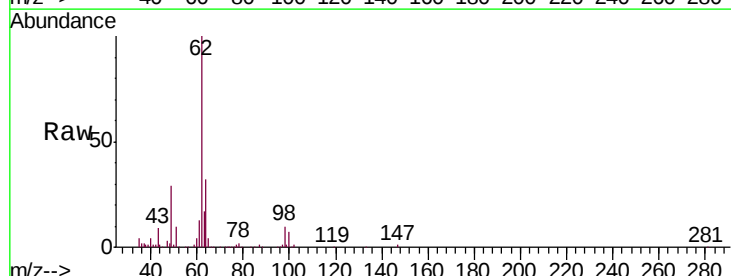
Acq: 10 Mar 2020 10:59

Tgt Ion: 62 Resp: 248231

Ion Ratio Lower Upper

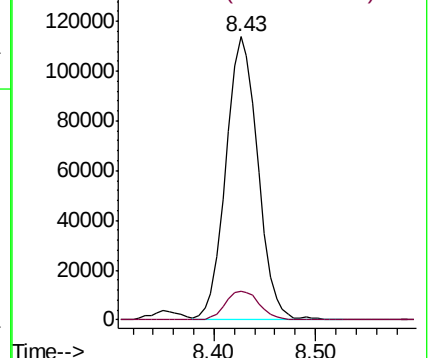
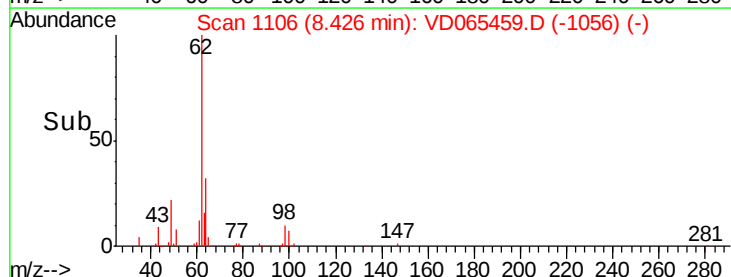
62 100

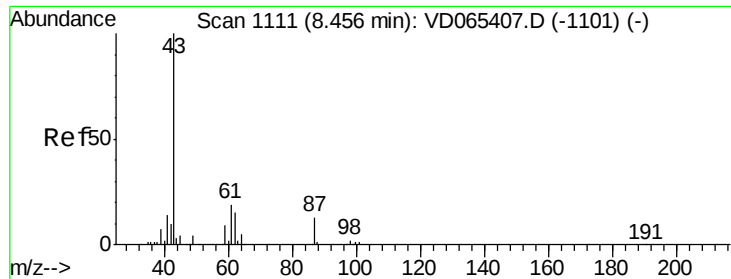
98 10.9 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.412 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

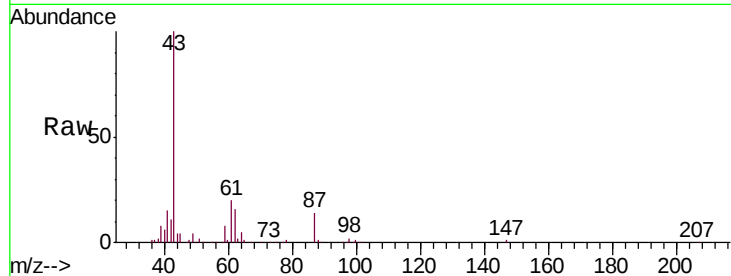
Tgt Ion: 43 Resp: 237236

Ion Ratio Lower Upper

43 100

61 31.9 25.0 37.6

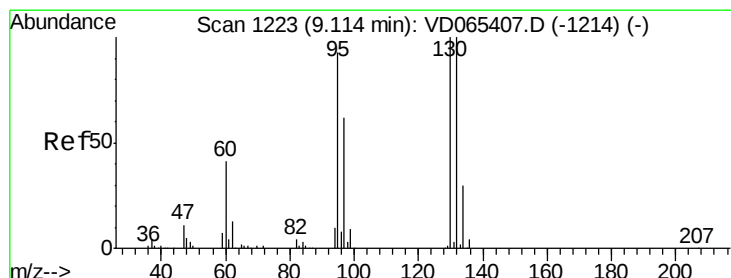
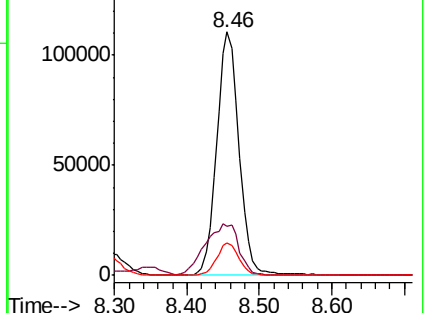
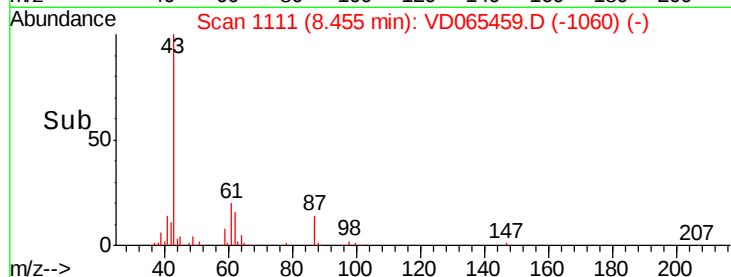
87 13.2 11.0 16.4



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: 53.477 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065459.D

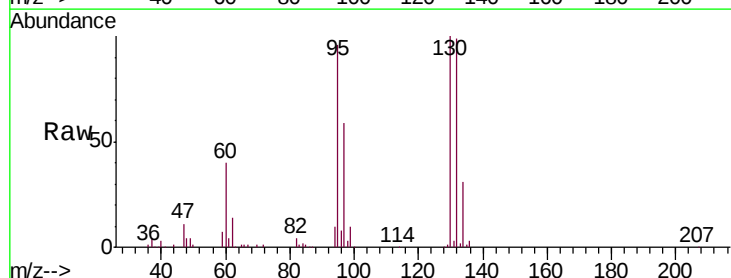
Acq: 10 Mar 2020 10:59

Tgt Ion: 130 Resp: 267804

Ion Ratio Lower Upper

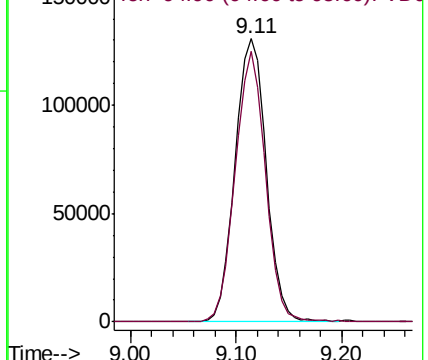
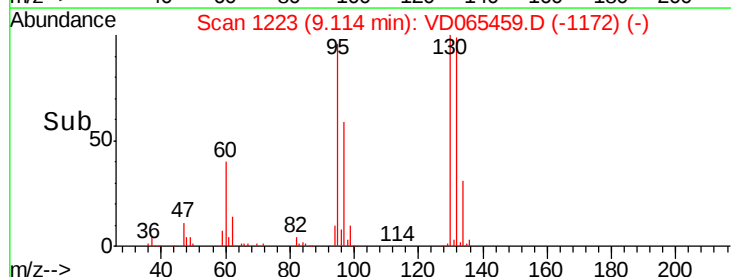
130 100

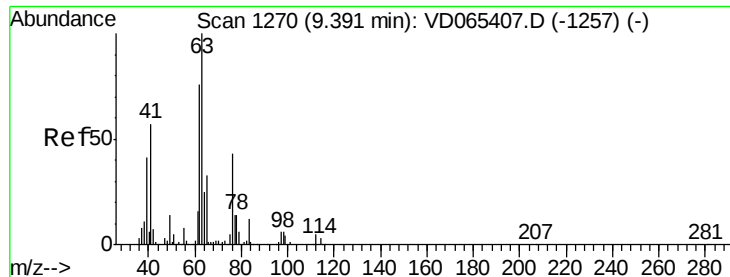
95 95.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 53.986 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

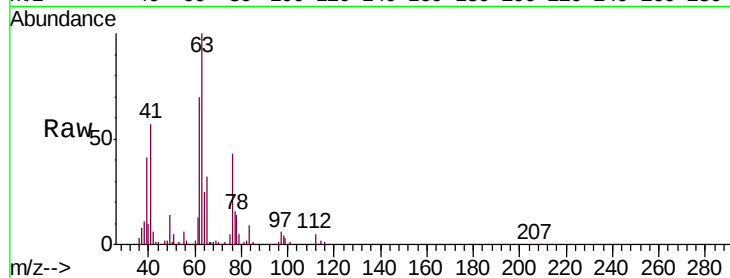
VSTDCCC050

Tgt Ion: 63 Resp: 231892

Ion Ratio Lower Upper

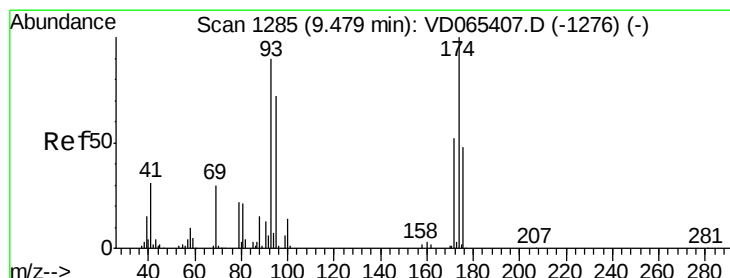
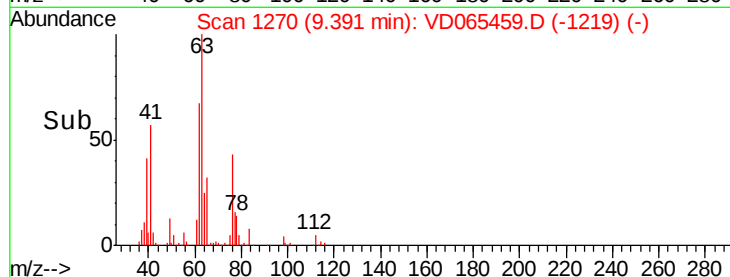
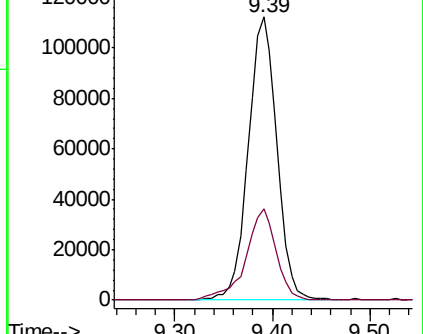
63 100

65 32.2 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.346 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

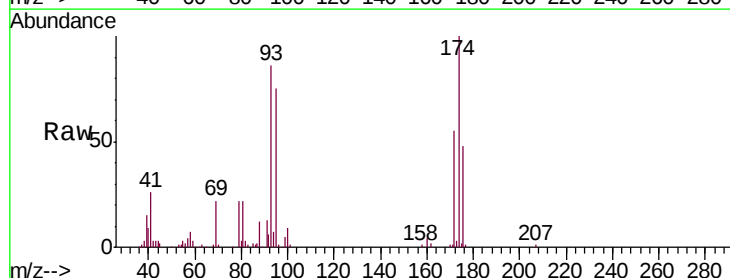
Tgt Ion: 93 Resp: 118858

Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.6

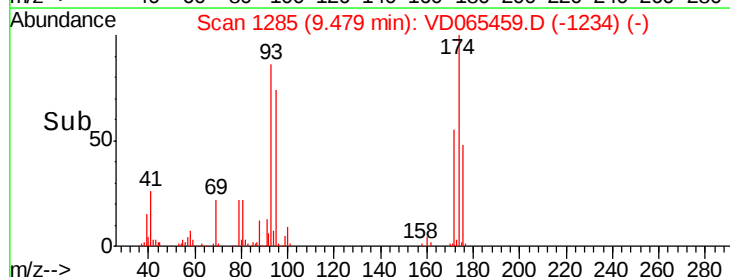
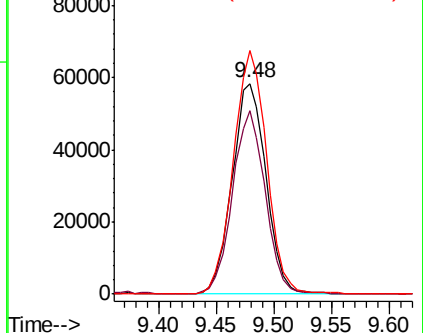
174 114.0 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.585 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

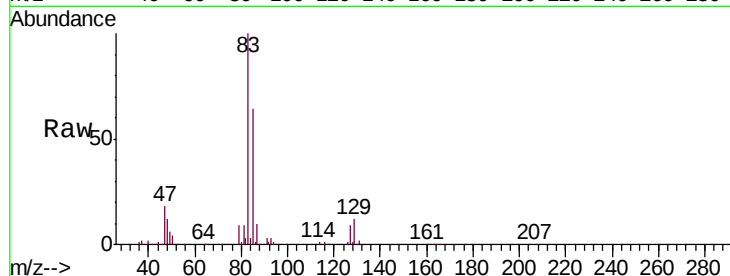
Tgt Ion: 83 Resp: 316402

Ion Ratio Lower Upper

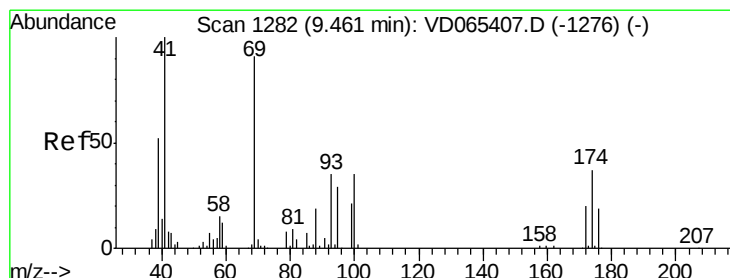
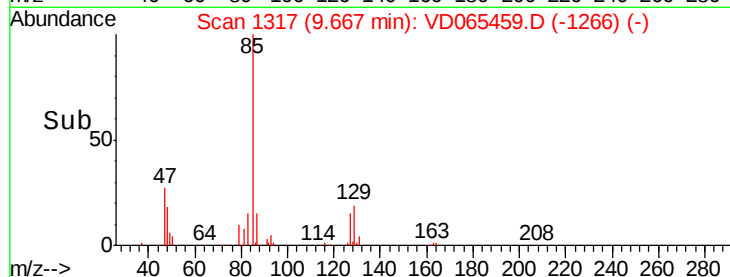
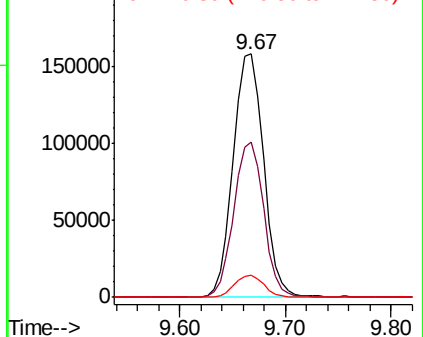
83 100

85 64.0 52.8 79.2

127 9.3 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: 56.869 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

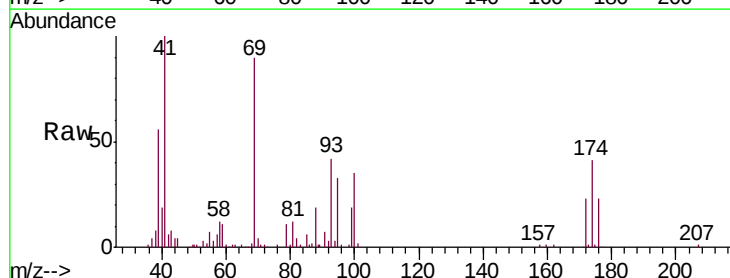
Tgt Ion: 41 Resp: 121083

Ion Ratio Lower Upper

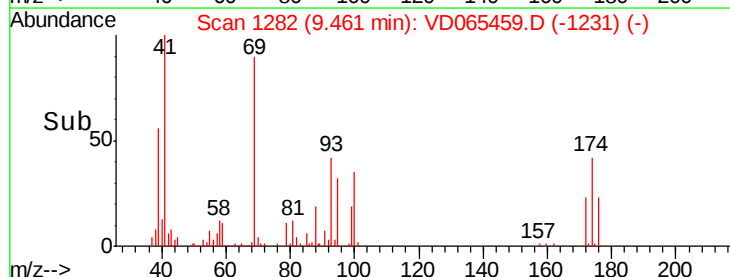
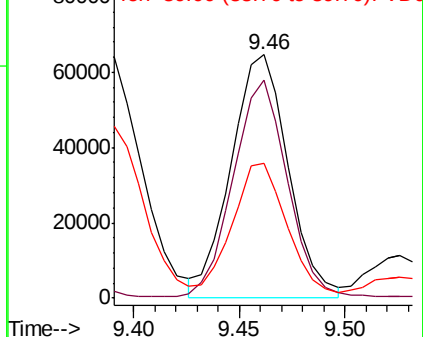
41 100

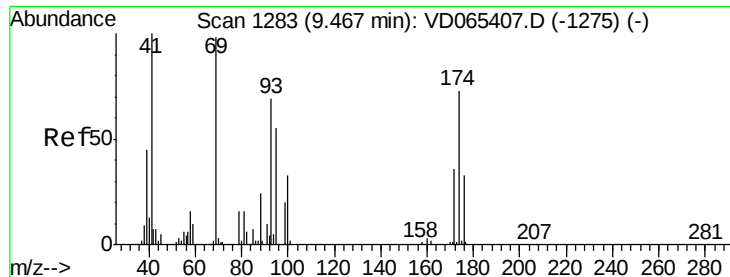
69 84.9 72.5 108.7

39 49.7 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

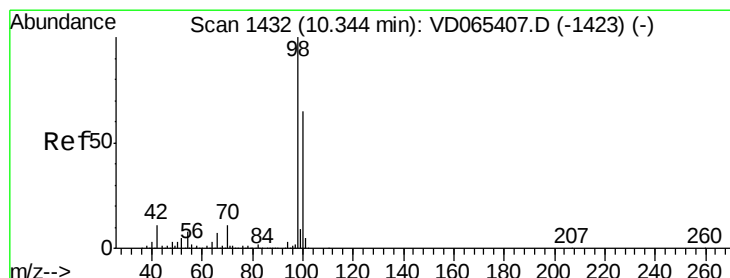
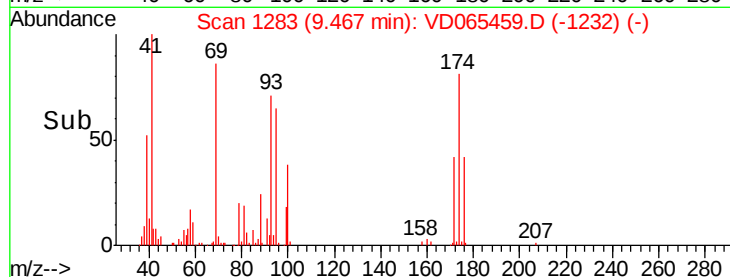
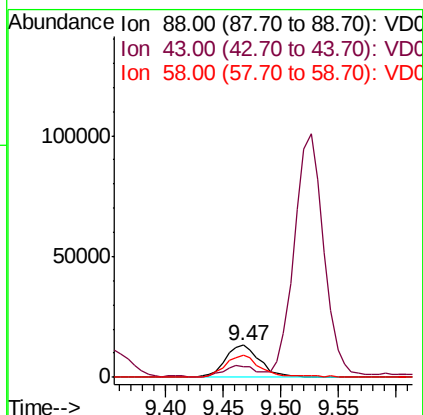
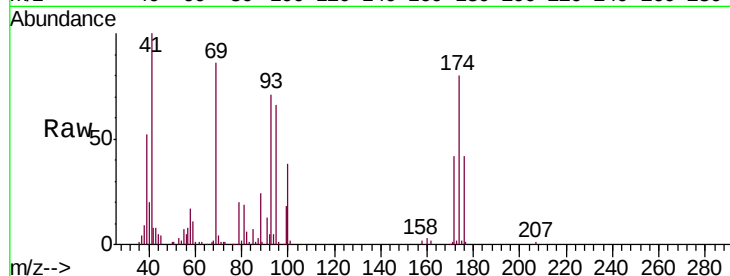




#49
1,4-Dioxane
Concen: 1102.531 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

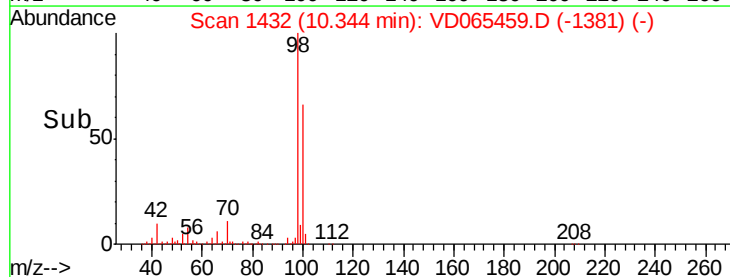
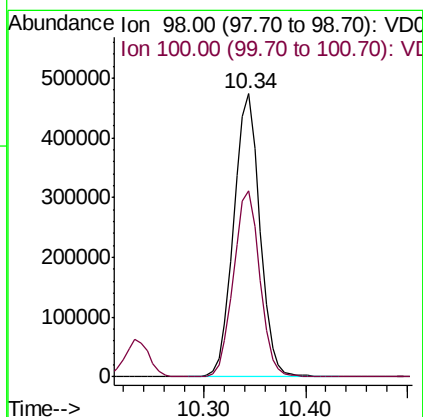
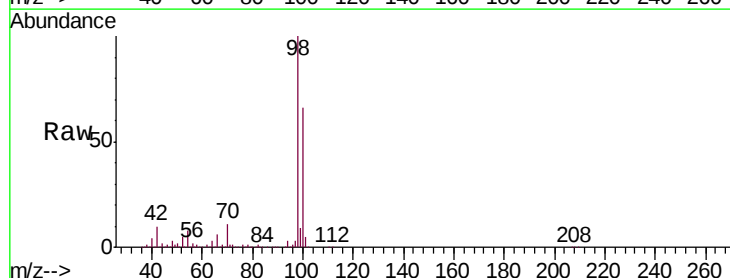
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

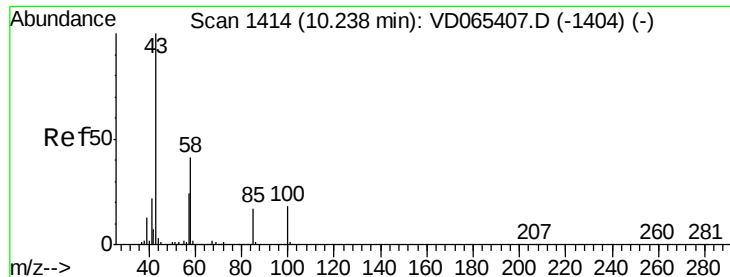
Tgt Ion: 88 Resp: 28099
Ion Ratio Lower Upper
88 100
43 29.5 24.5 36.7
58 66.1 54.5 81.7



#50
Toluene-d8
Concen: 54.264 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 98 Resp: 851784
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2

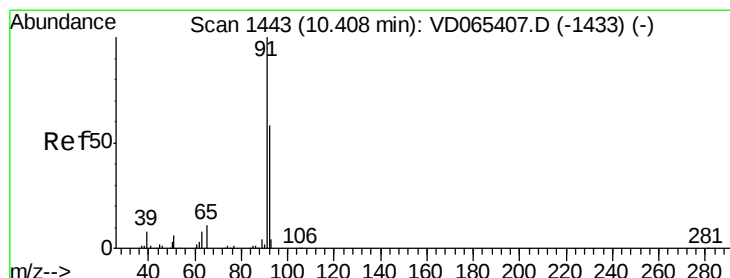
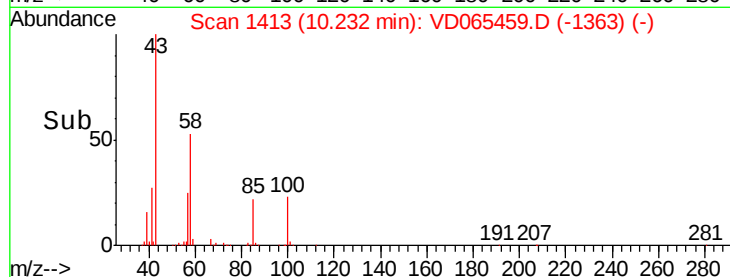
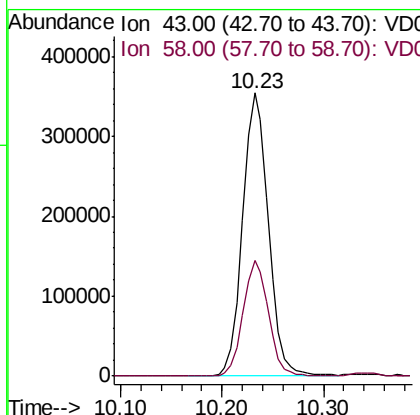
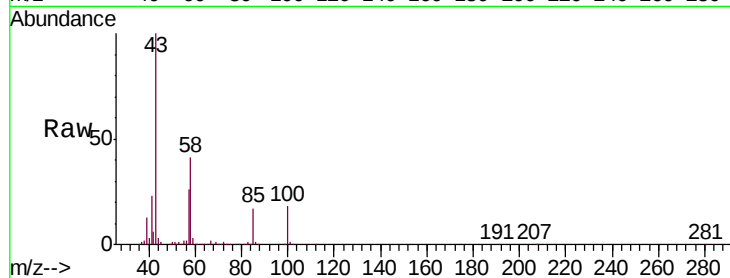




#51
 4-Methyl-2-Pentanone
 Concen: 274.051 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

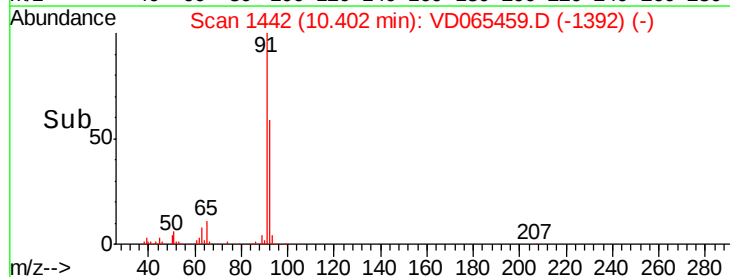
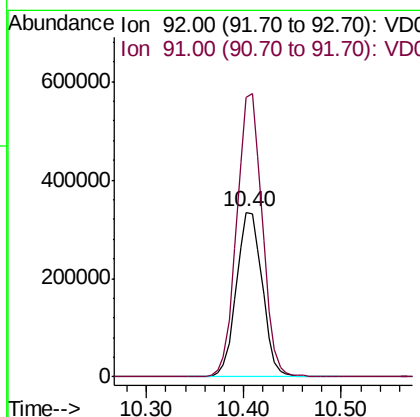
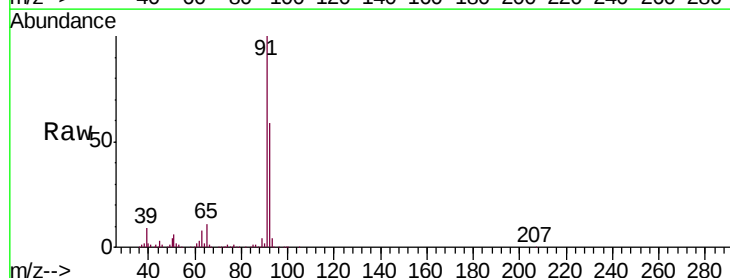
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

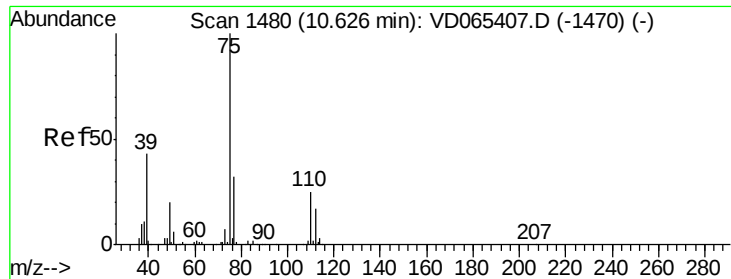
Tgt Ion: 43 Resp: 624220
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.8 47.6



#52
 Toluene
 Concen: 55.347 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion: 92 Resp: 618280
 Ion Ratio Lower Upper
 92 100
 91 170.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 54.122 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

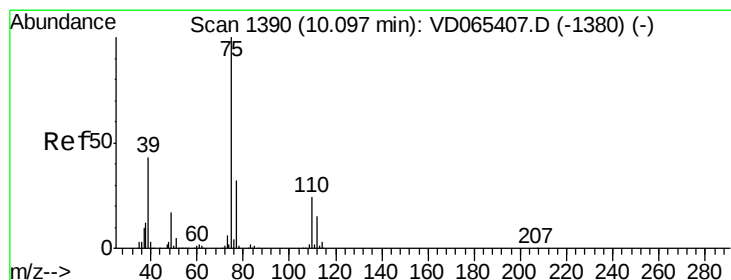
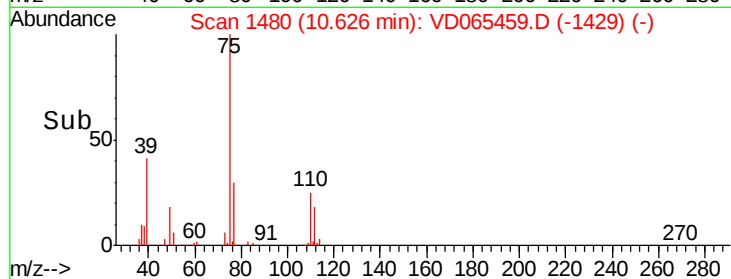
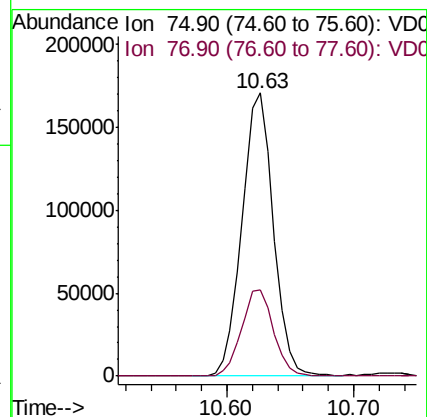
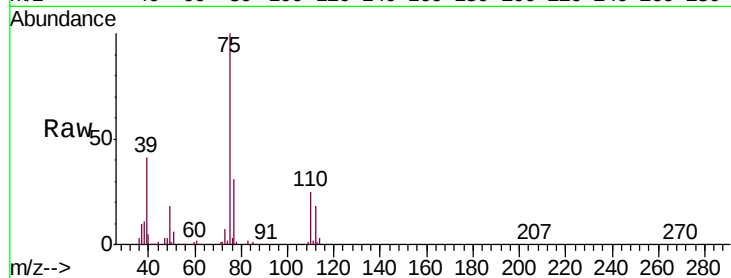
VSTDCCC050

Tgt Ion: 75 Resp: 293173

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.218 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

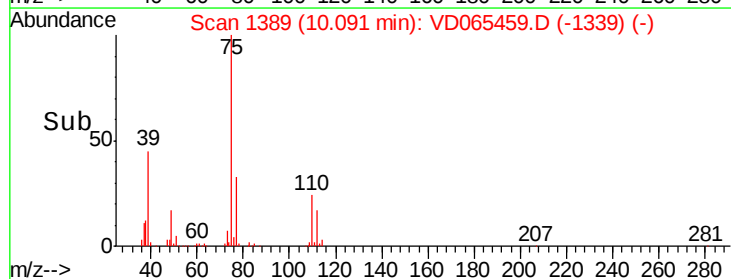
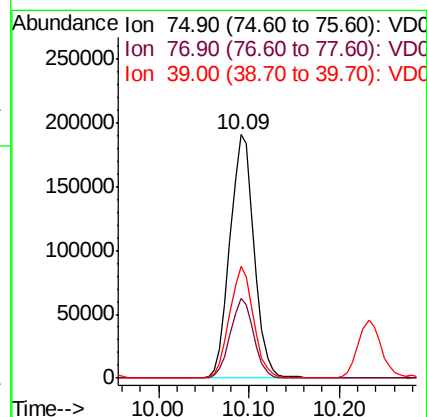
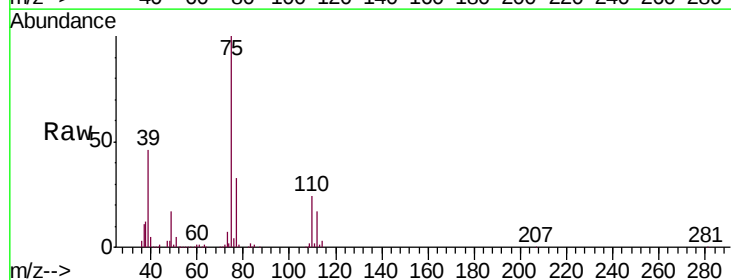
Tgt Ion: 75 Resp: 355493

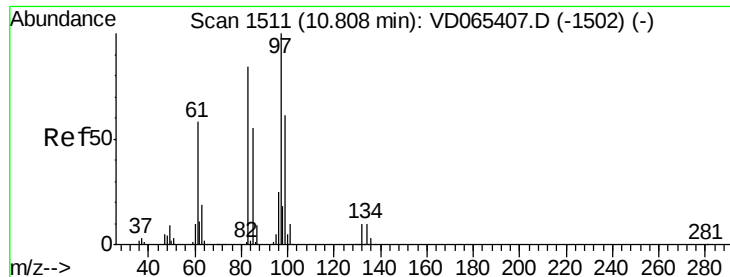
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 45.7 34.6 52.0

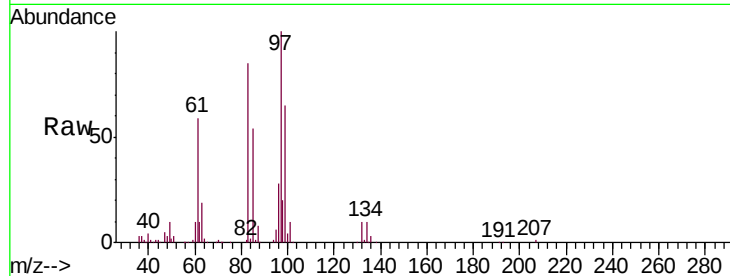




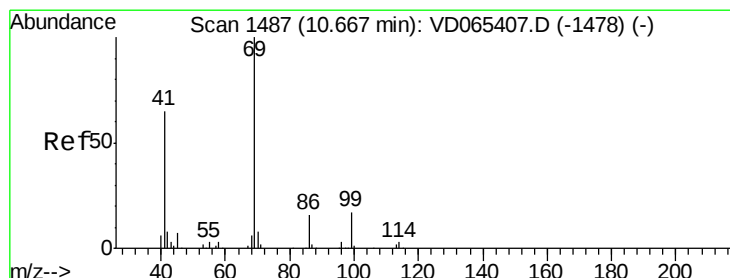
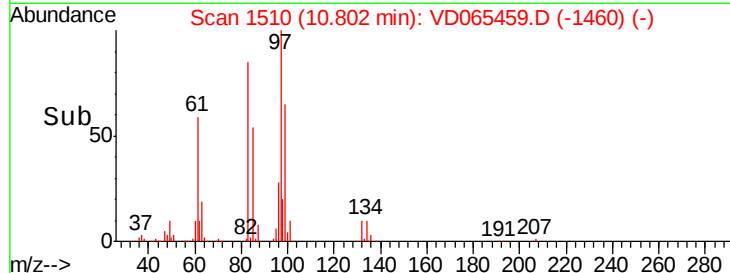
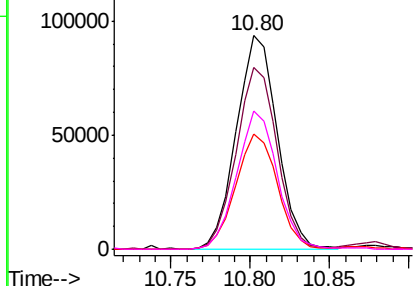
#55
 1,1,2-Trichloroethane
 Concen: 52.953 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	167105
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	53.7	43.8	65.8
99	64.8	48.8	73.2

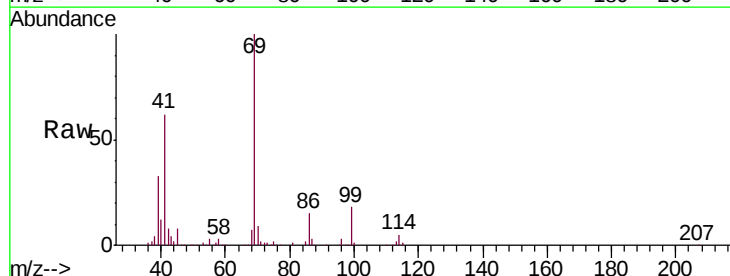


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

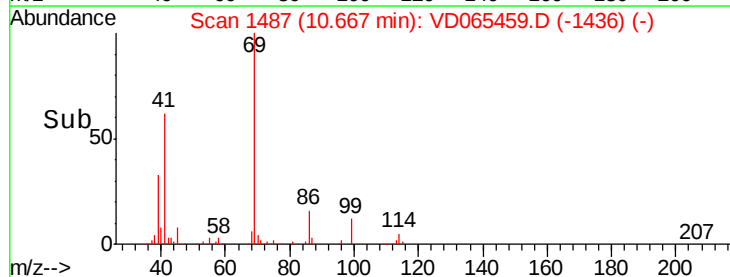
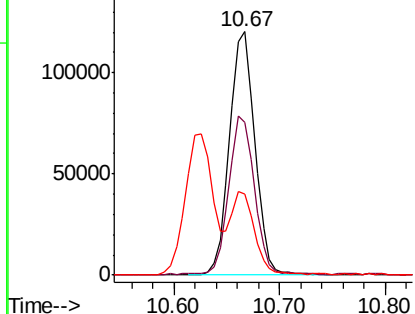


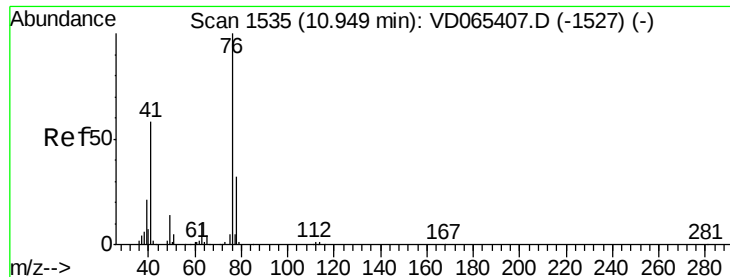
#56
 Ethyl methacrylate
 Concen: 56.469 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion:	69	Resp:	200891
Ion	Ratio	Lower	Upper
69	100		
41	65.0	53.0	79.6
39	29.3	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: 53.883 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

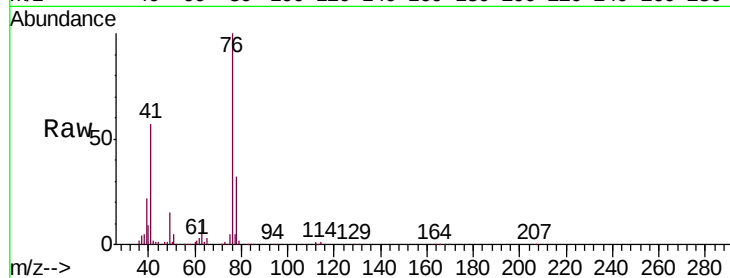
VSTDCCC050

Tgt Ion: 76 Resp: 287704

Ion Ratio Lower Upper

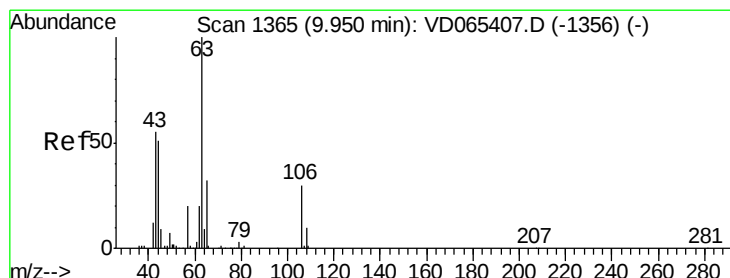
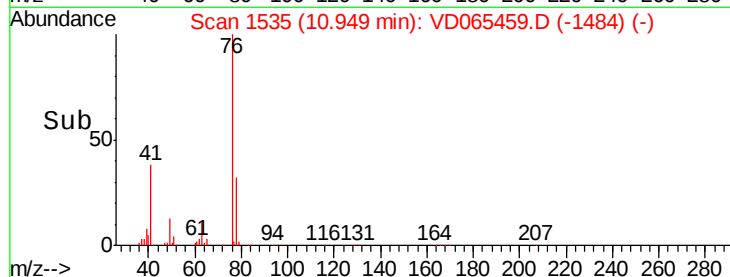
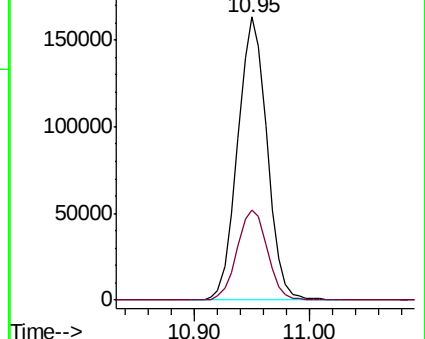
76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 239.710 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065459.D

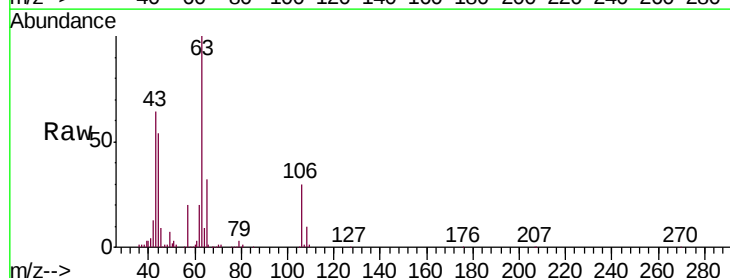
Acq: 10 Mar 2020 10:59

Tgt Ion: 63 Resp: 266432

Ion Ratio Lower Upper

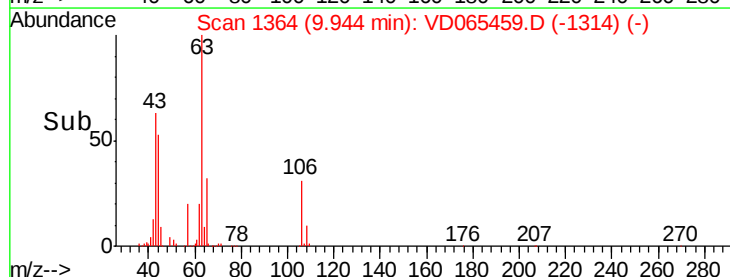
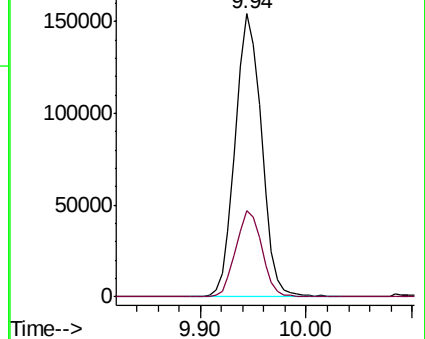
63 100

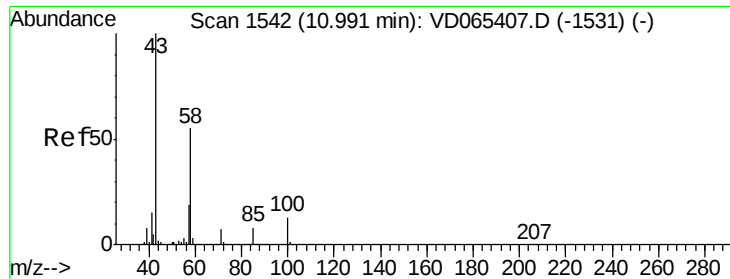
106 30.0 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

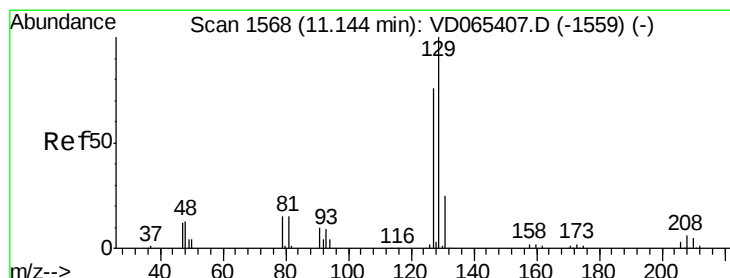
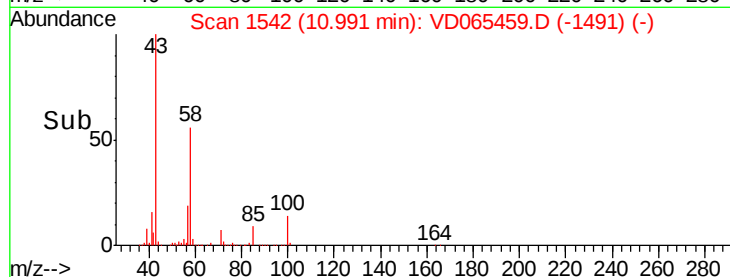
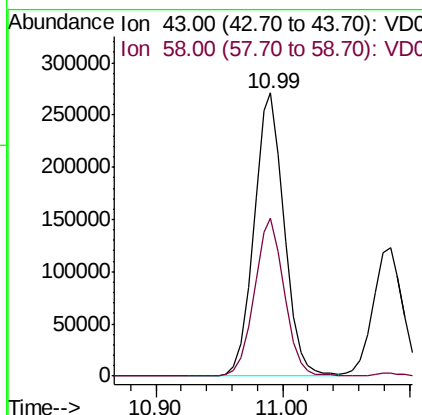
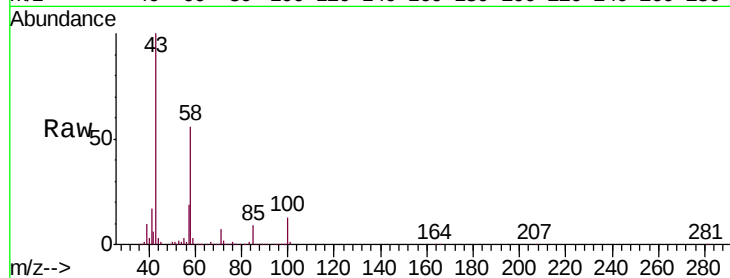




#59
2-Hexanone
Concen: 284.275 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

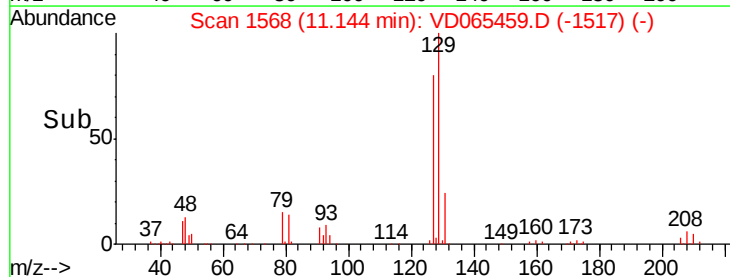
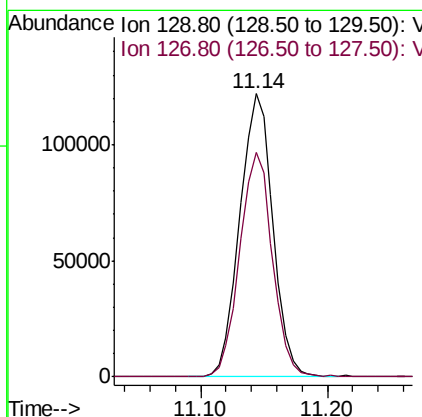
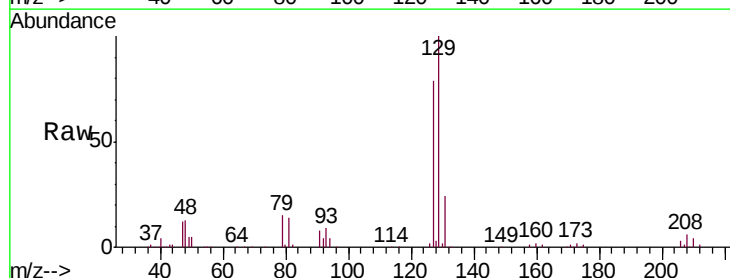
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

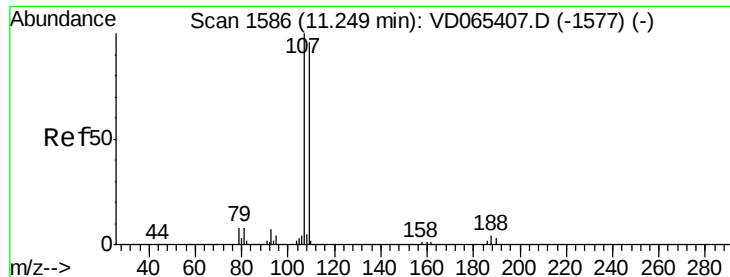
Tgt Ion: 43 Resp: 448230
Ion Ratio Lower Upper
43 100
58 55.2 27.4 82.2



#60
Dibromochloromethane
Concen: 54.611 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 129 Resp: 220908
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

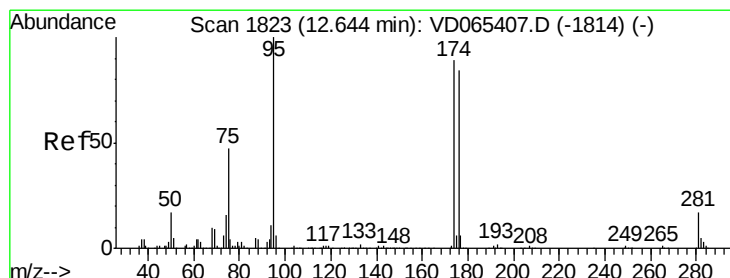
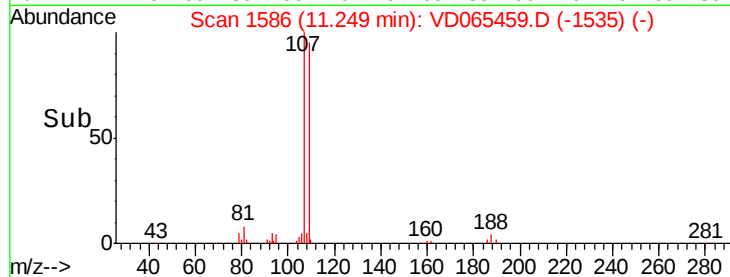
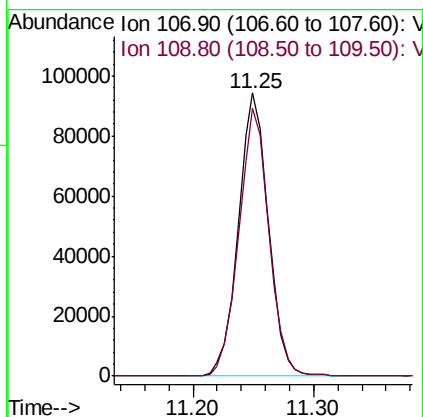
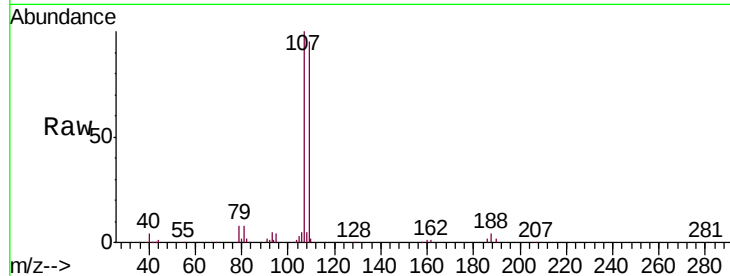




#61
 1,2-Dibromoethane
 Concen: 54.376 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

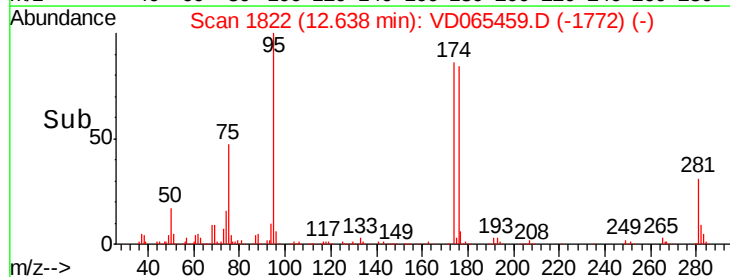
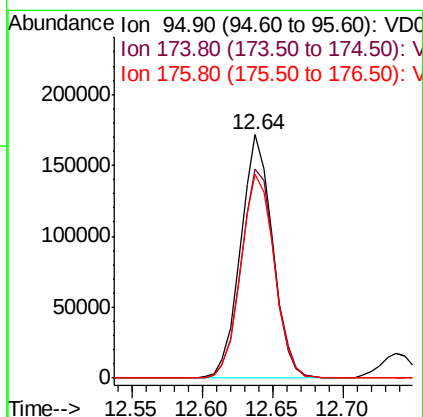
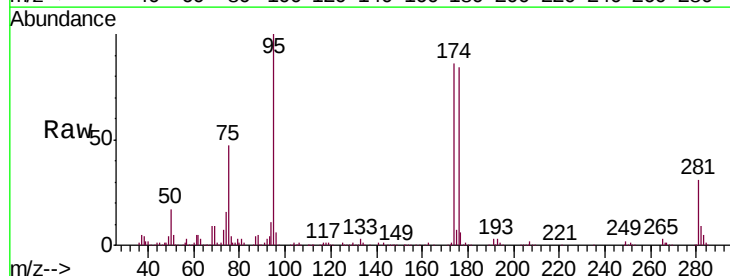
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 163674
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 56.231 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion: 95 Resp: 272487
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 176.8
 176 87.3 0.0 171.4

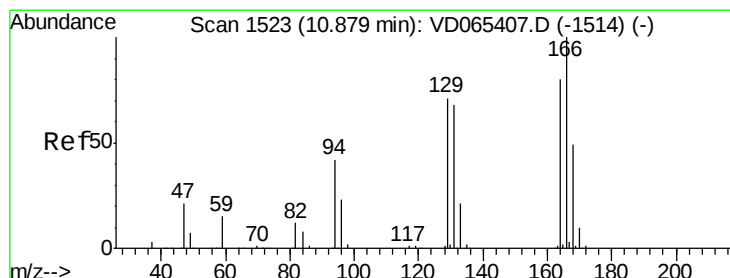
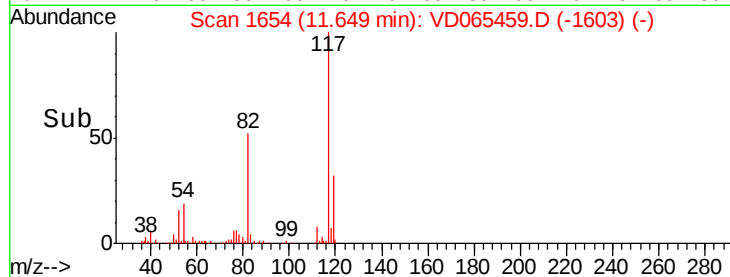
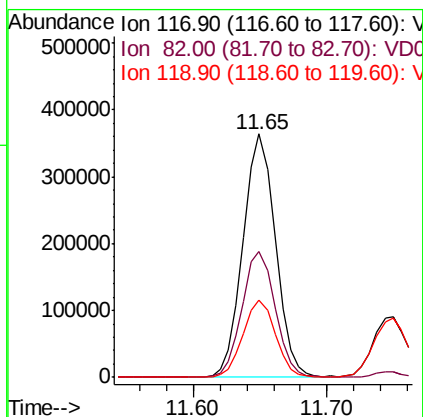
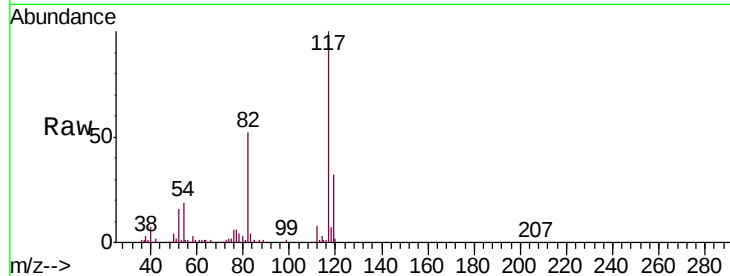




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

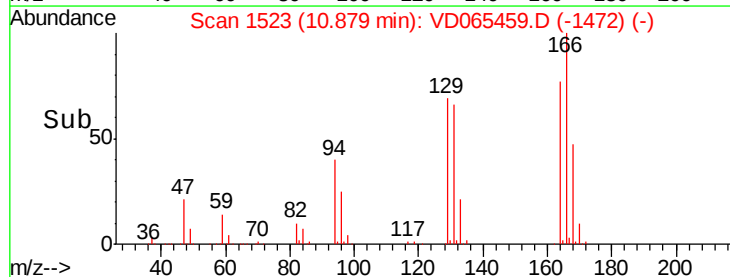
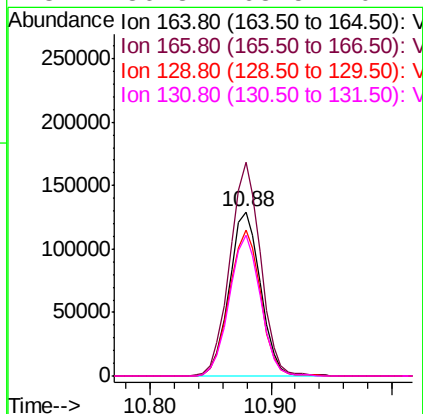
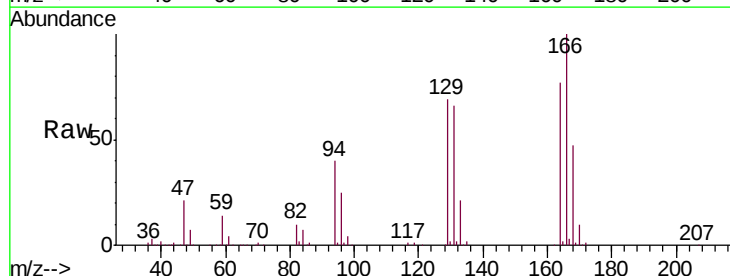
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

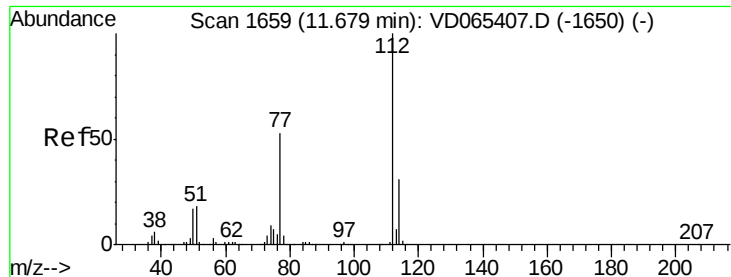
Tgt Ion:117 Resp: 614208
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 52.770 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:164 Resp: 232249
Ion Ratio Lower Upper
164 100
166 130.4 100.5 150.7
129 89.3 71.5 107.3
131 86.3 68.5 102.7

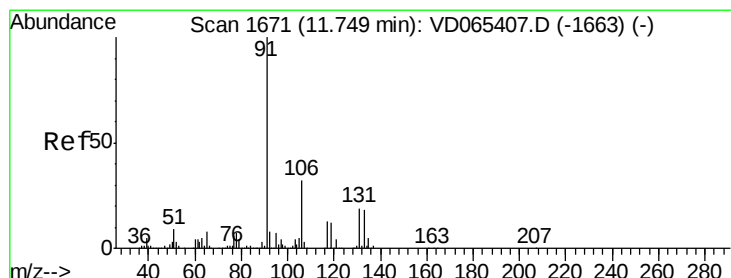
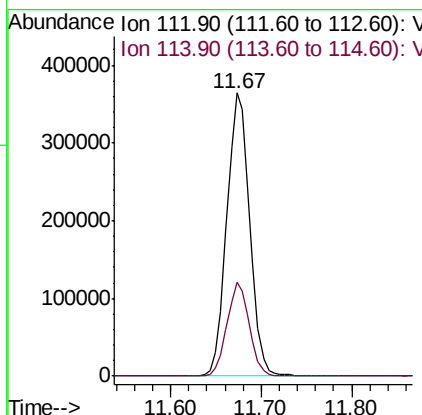
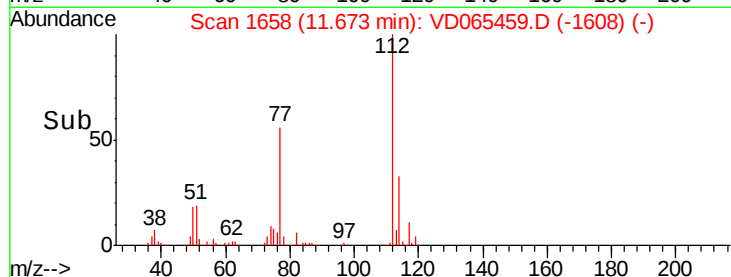
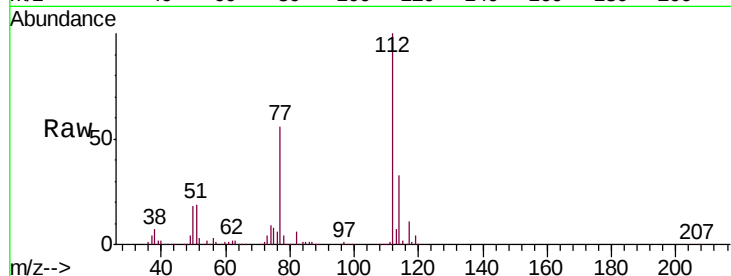




#65
Chlorobenzene
Concen: 52.507 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

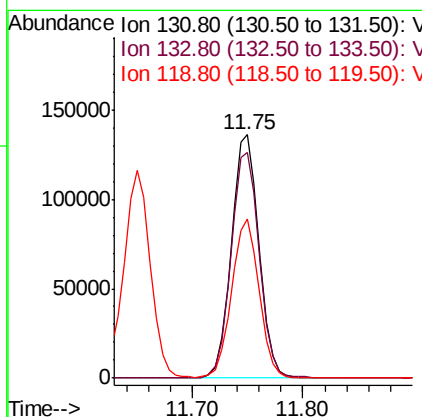
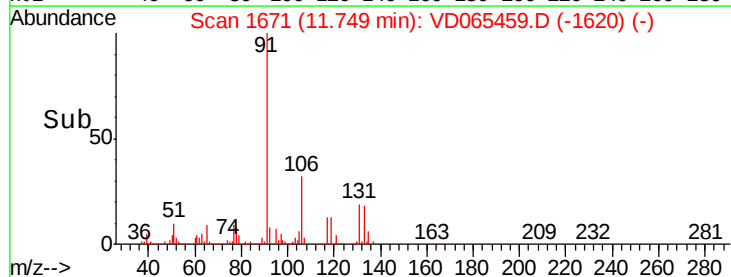
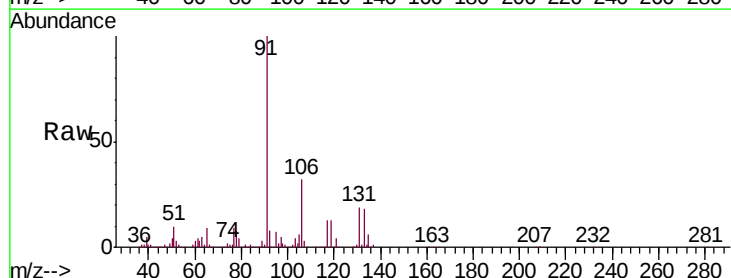
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

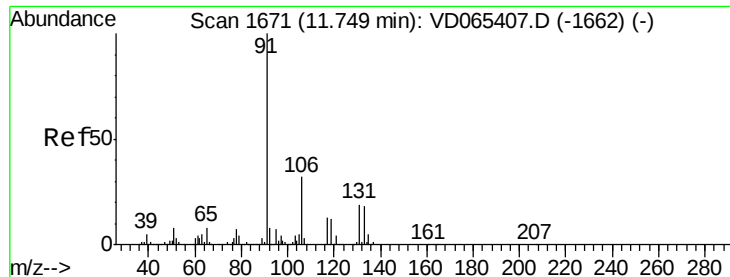
Tgt Ion:112 Resp: 638201
Ion Ratio Lower Upper
112 100
114 33.1 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.746 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:131 Resp: 237916
Ion Ratio Lower Upper
131 100
133 95.0 49.2 147.6
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 54.594 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

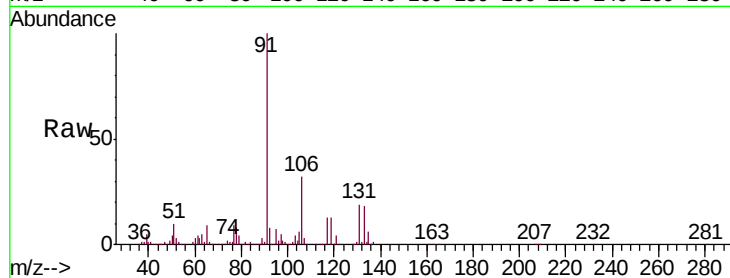
VSTDCCC050

Tgt Ion: 91 Resp: 1146562

Ion Ratio Lower Upper

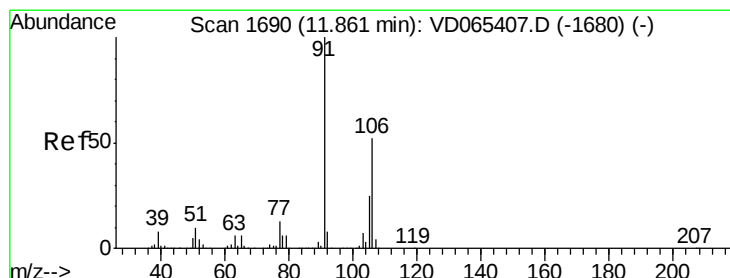
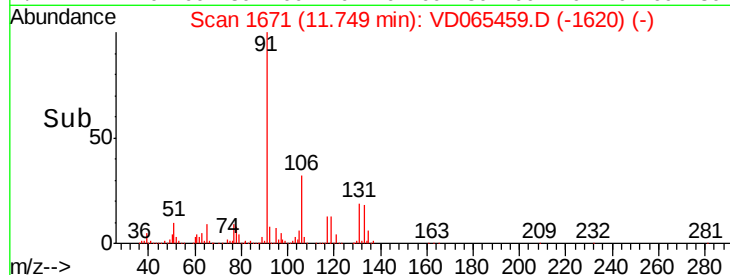
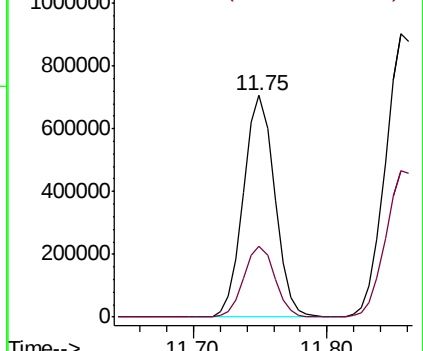
91 100

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: 110.663 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065459.D

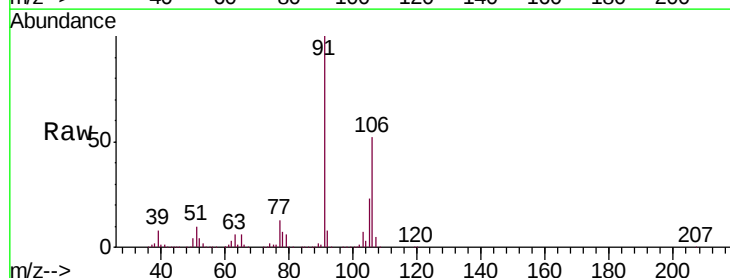
Acq: 10 Mar 2020 10:59

Tgt Ion: 106 Resp: 896147

Ion Ratio Lower Upper

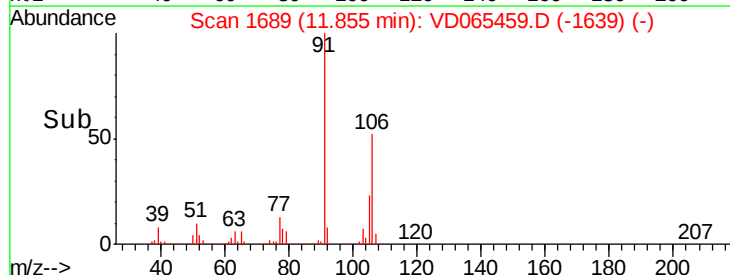
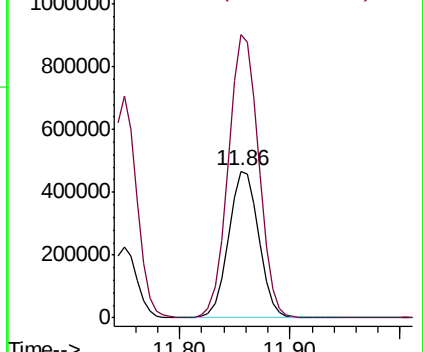
106 100

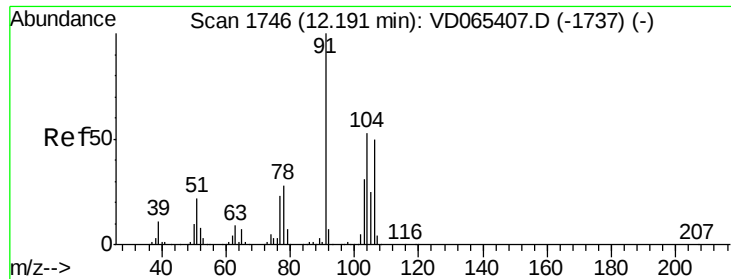
91 194.7 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

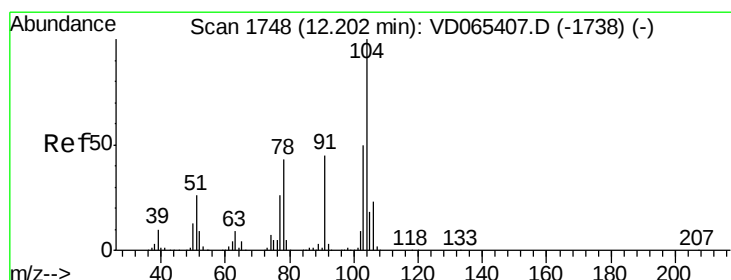
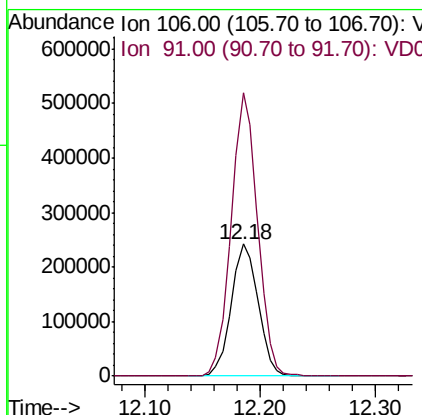
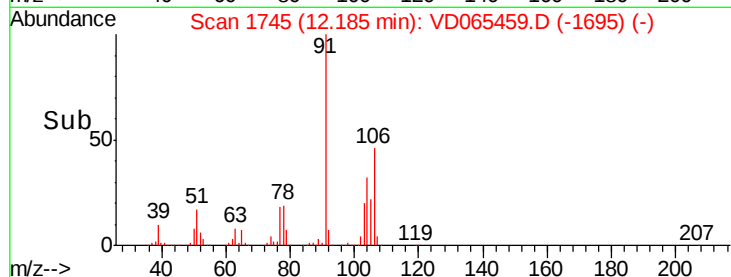
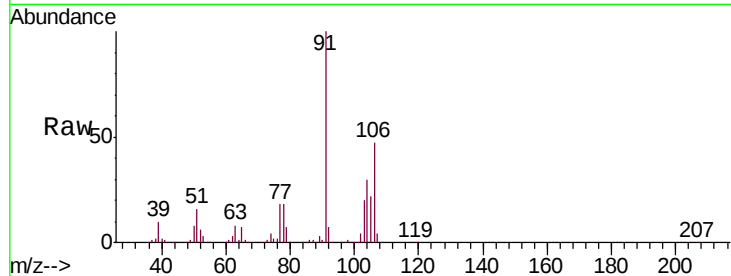




#69
o-Xylene
Concen: 54.960 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

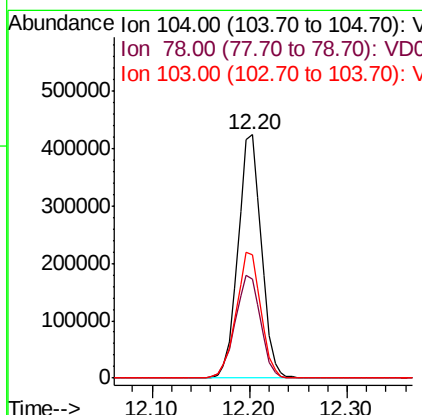
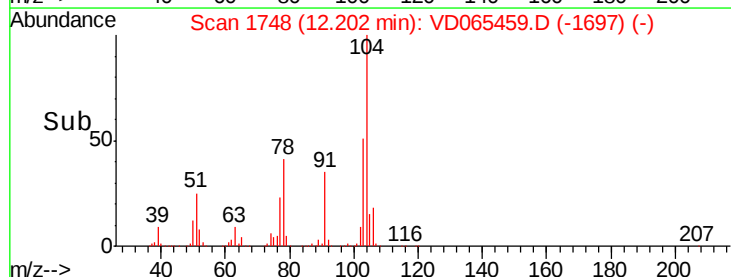
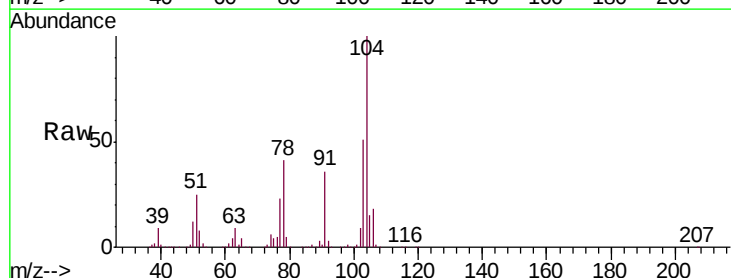
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

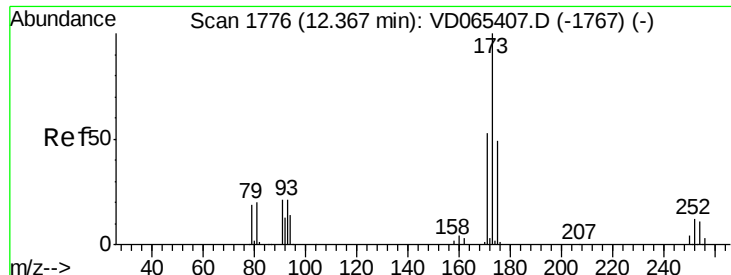
Tgt Ion:106 Resp: 391491
Ion Ratio Lower Upper
106 100
91 209.6 103.5 310.3



#70
Styrene
Concen: 56.144 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:104 Resp: 703848
Ion Ratio Lower Upper
104 100
78 46.2 37.7 56.5
103 54.4 43.6 65.4

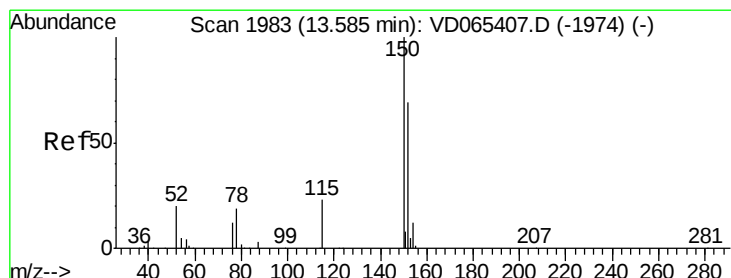
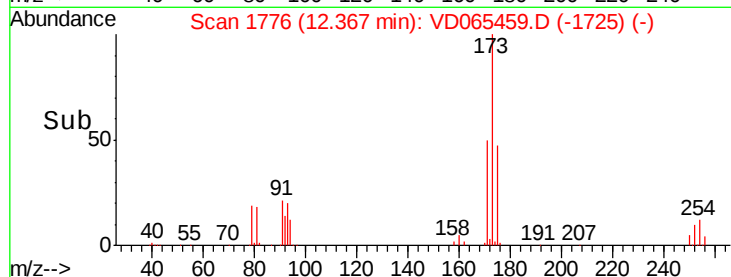
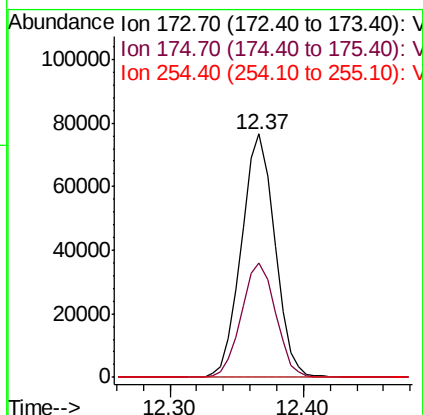
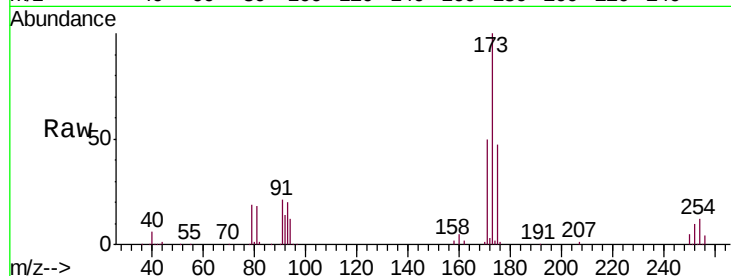




#71
Bromoform
Concen: 53.202 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

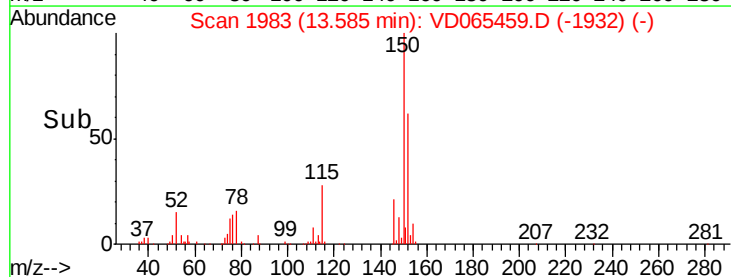
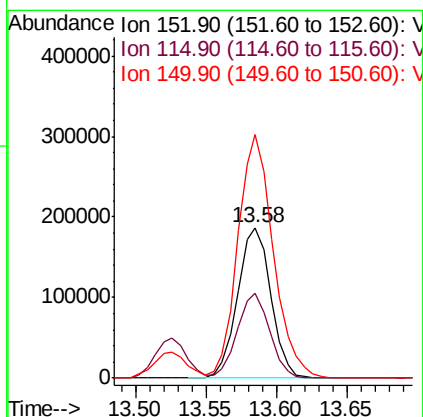
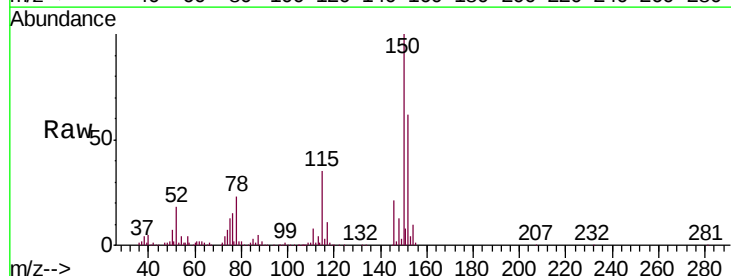
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

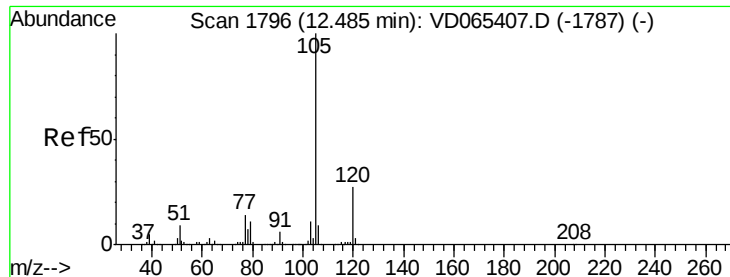
Tgt Ion:173 Resp: 132286
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:152 Resp: 307133
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 172.6 0.0 345.0





#73

Isopropylbenzene

Concen: 54.027 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

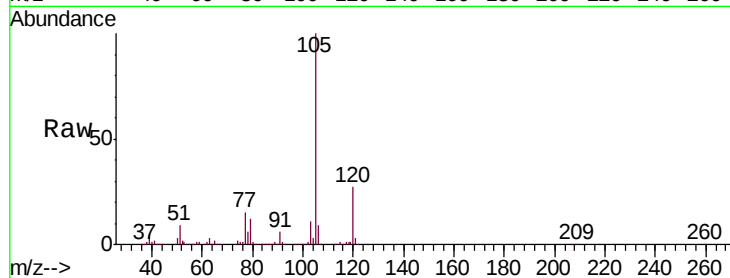
VSTDCCC050

Tgt Ion:105 Resp: 1091440

Ion Ratio Lower Upper

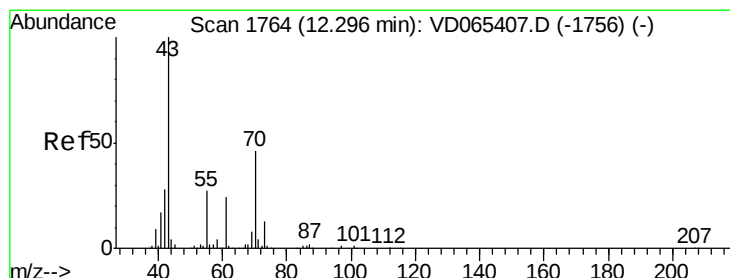
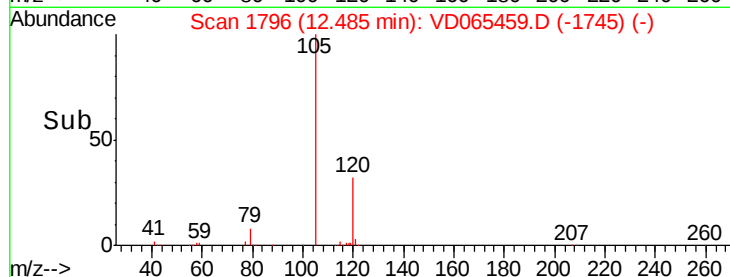
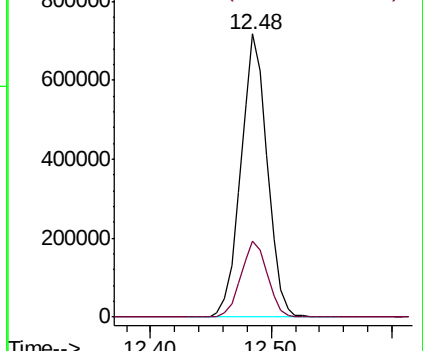
105 100

120 27.0 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: 51.708 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Tgt Ion: 43 Resp: 213853

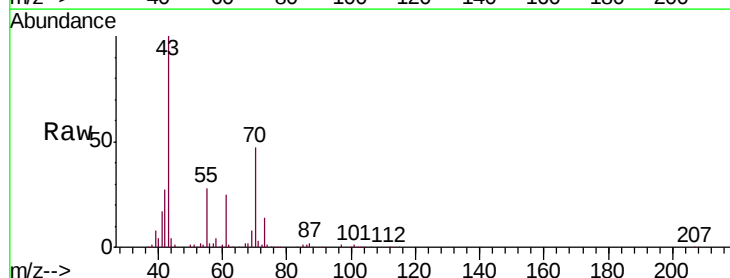
Ion Ratio Lower Upper

43 100

70 45.7 36.1 54.1

55 28.2 21.6 32.4

61 24.3 19.6 29.4

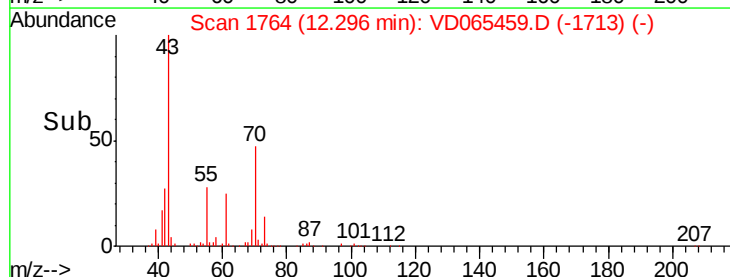
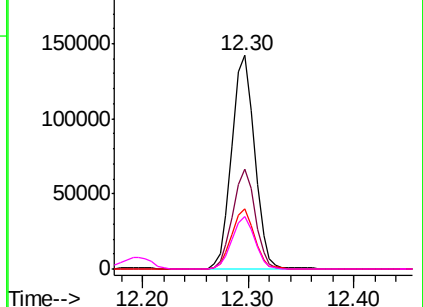


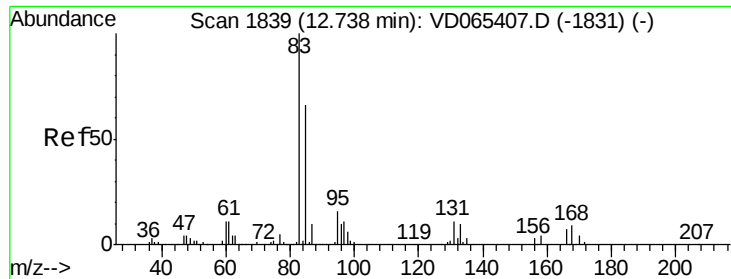
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.854 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

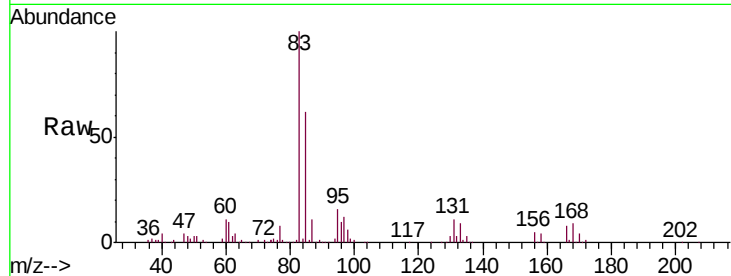
Tgt Ion: 83 Resp: 180583

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

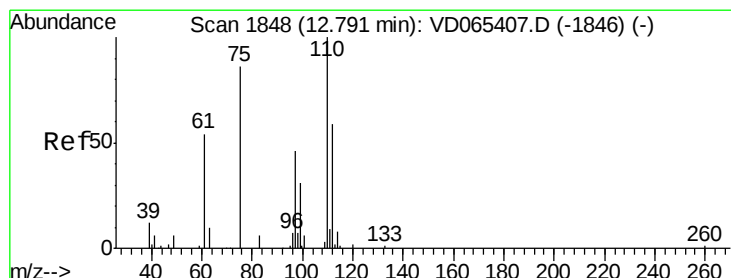
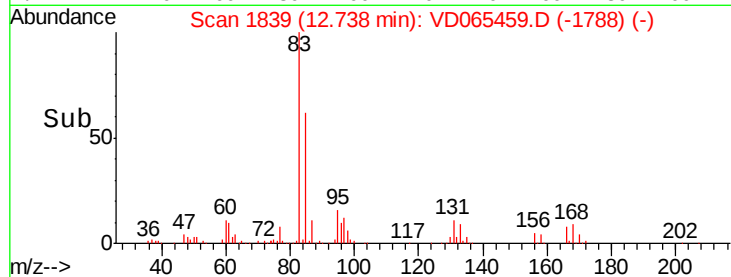
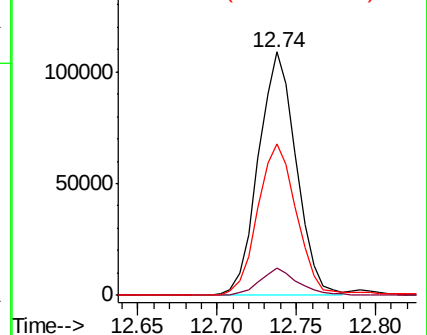
85 64.8 33.0 98.9



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: 96.222 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065459.D

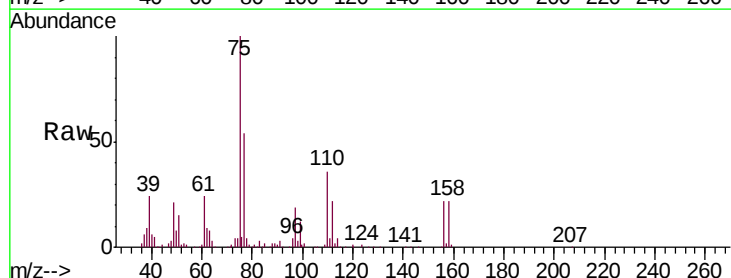
Acq: 10 Mar 2020 10:59

Tgt Ion: 75 Resp: 233197

Ion Ratio Lower Upper

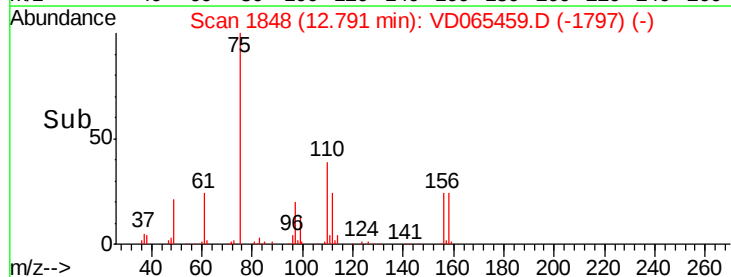
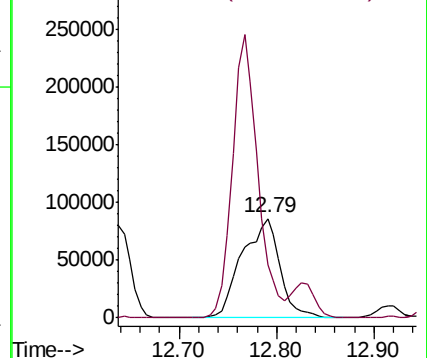
75 100

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: 53.156 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

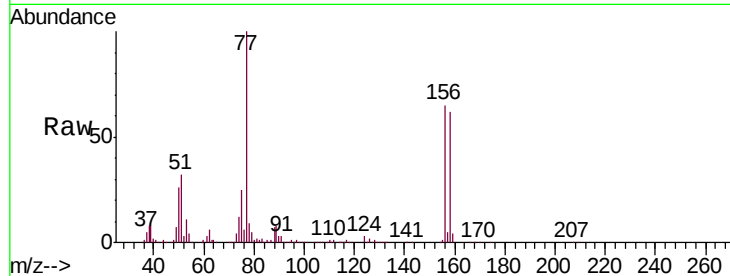
Tgt Ion:156 Resp: 266797

Ion Ratio Lower Upper

156 100

77 167.2 84.9 254.6

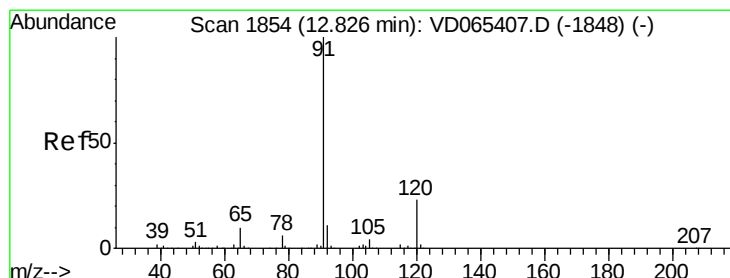
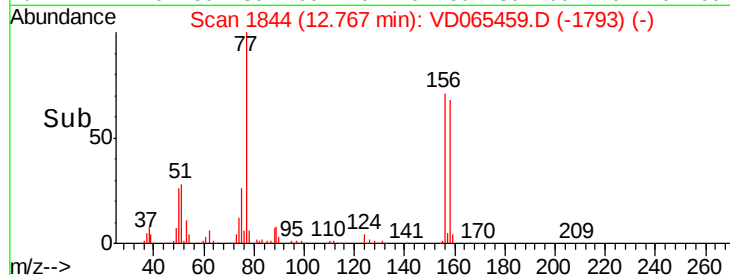
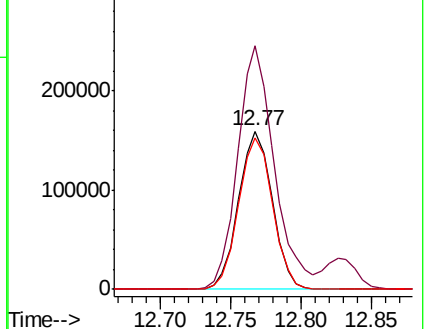
158 96.9 49.0 147.2



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: 54.823 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065459.D

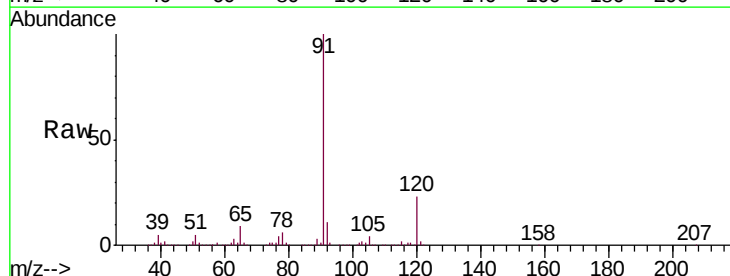
Acq: 10 Mar 2020 10:59

Tgt Ion: 91 Resp: 1314078

Ion Ratio Lower Upper

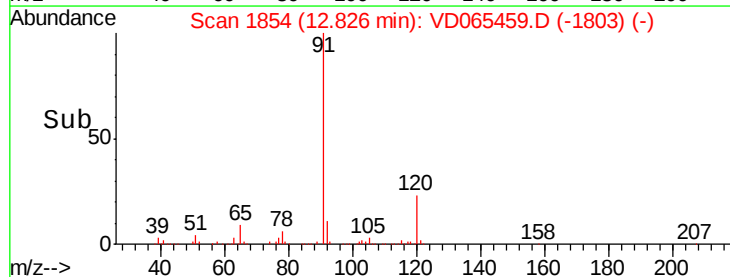
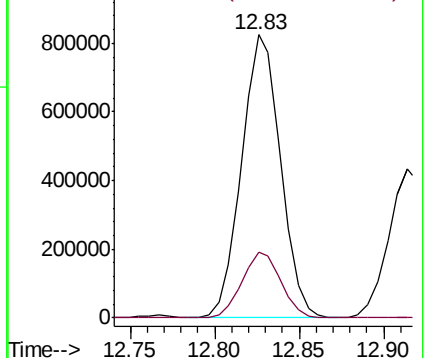
91 100

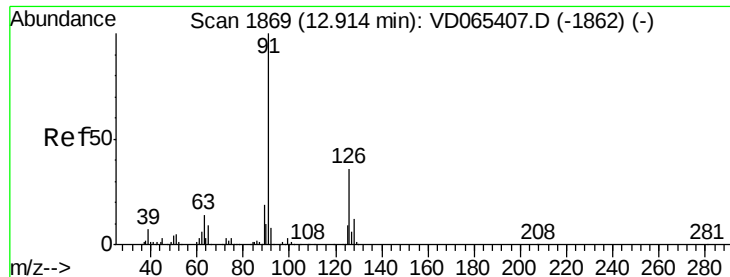
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.971 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

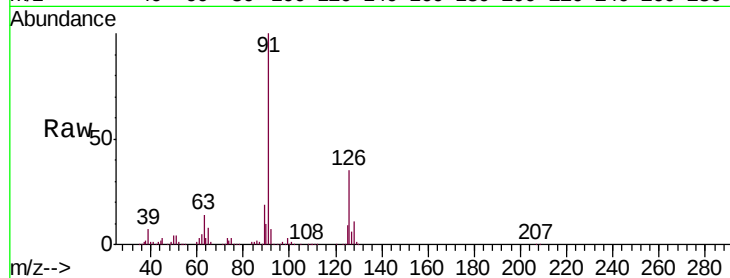
VSTDCCC050

Tgt Ion: 91 Resp: 715565

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

800000

600000

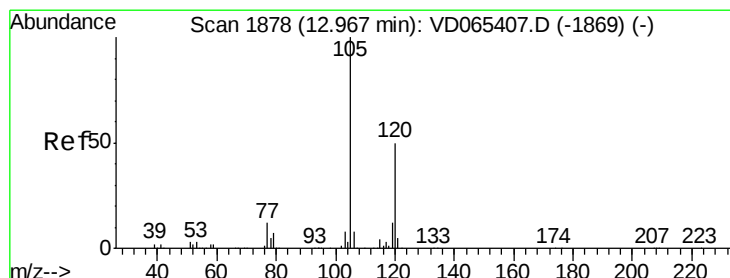
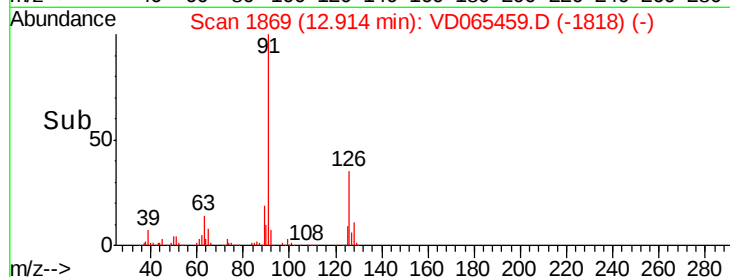
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.475 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065459.D

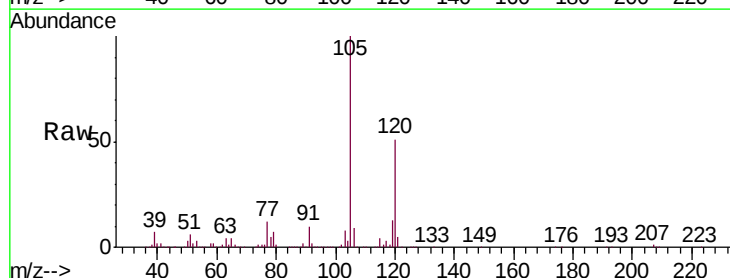
Acq: 10 Mar 2020 10:59

Tgt Ion: 105 Resp: 904726

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

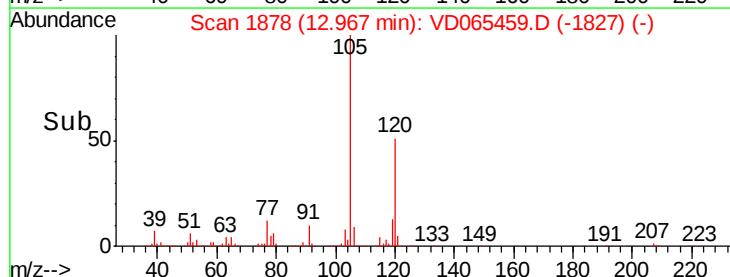
400000

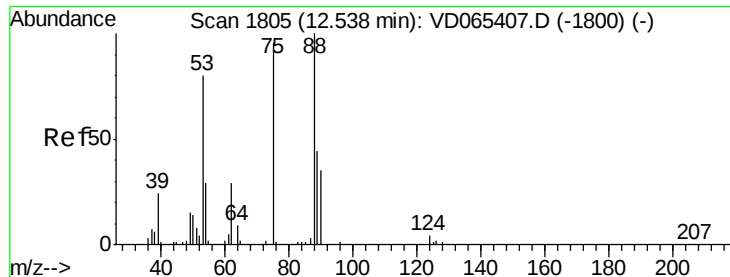
200000

0

12.90 12.97 13.00 13.10

Time-->

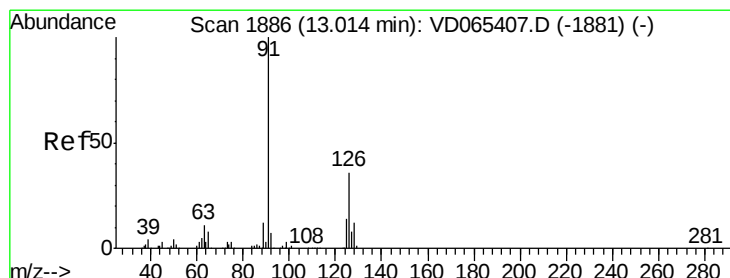
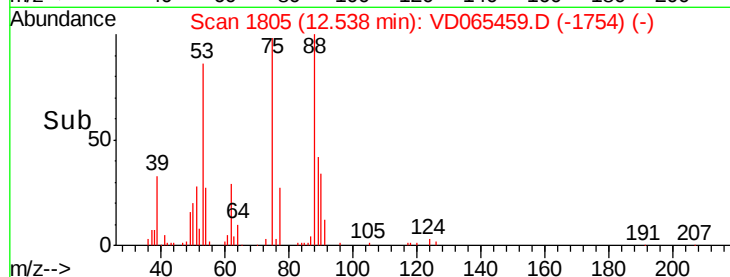
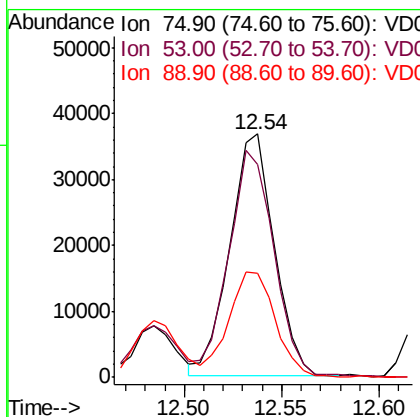
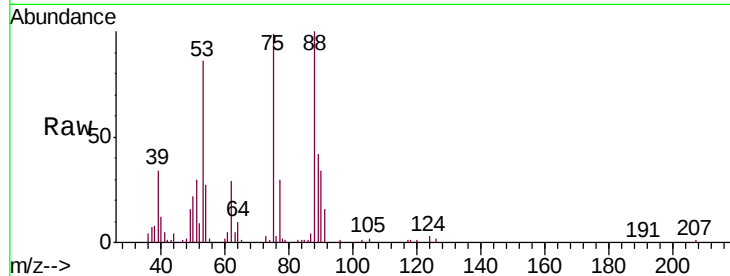




#81
trans-1,4-Dichloro-2-butene
Concen: 50.312 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

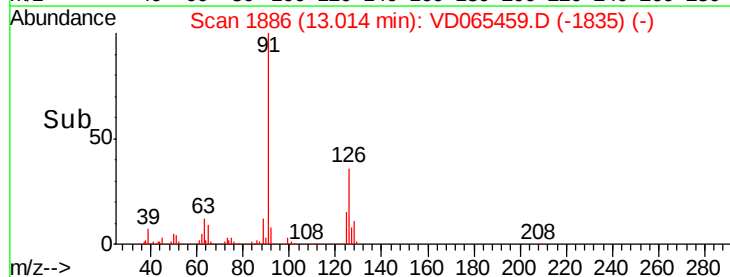
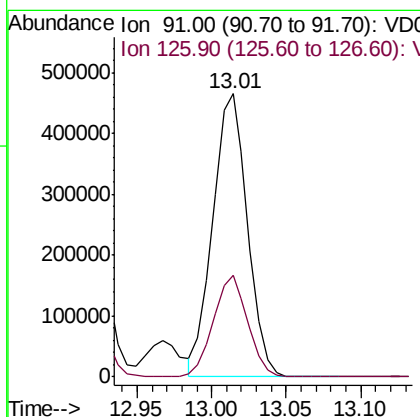
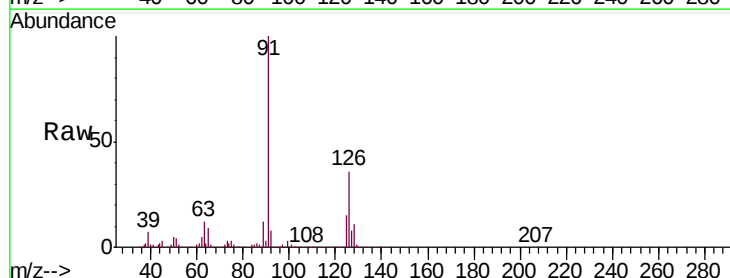
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

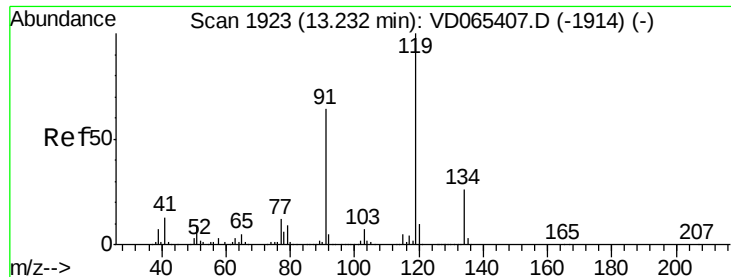
Tgt Ion: 75 Resp: 57780
Ion Ratio Lower Upper
75 100
53 97.1 71.3 106.9
89 45.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 53.063 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion: 91 Resp: 753248
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.8

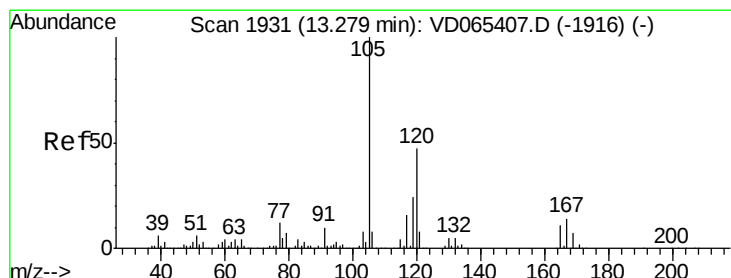
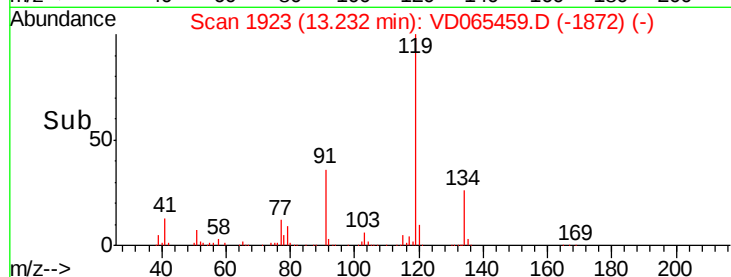
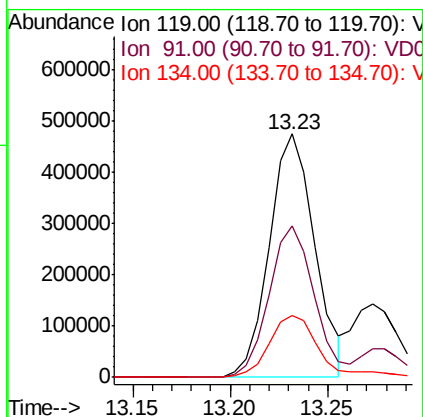
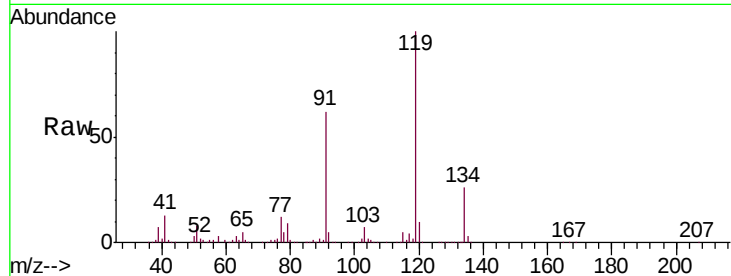




#83
tert-Butylbenzene
Concen: 54.386 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

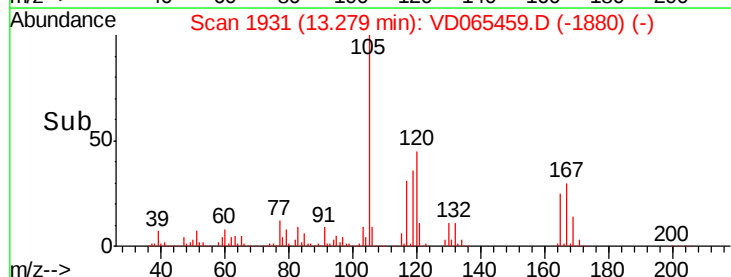
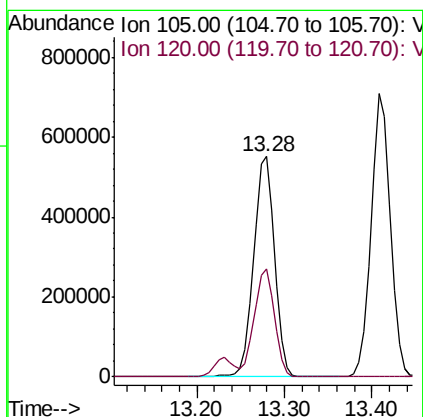
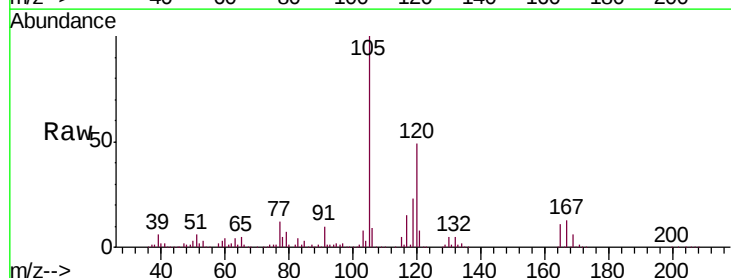
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

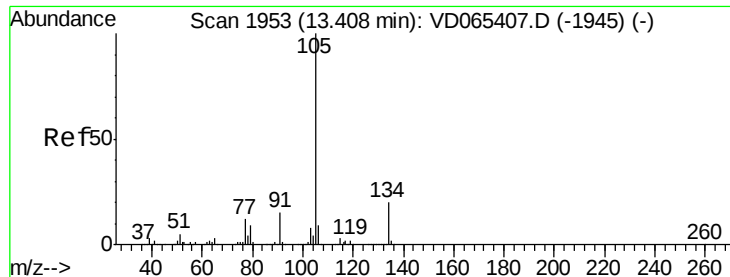
Tgt Ion:119 Resp: 764144
Ion Ratio Lower Upper
119 100
91 62.4 31.6 95.0
134 28.1 14.2 42.8



#84
1,2,4-Trimethylbenzene
Concen: 54.521 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:105 Resp: 892556
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 53.944 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

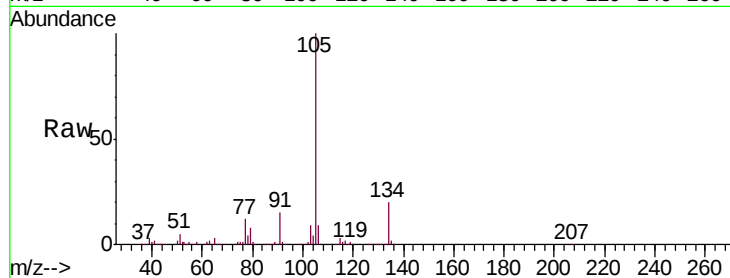
VSTDCCC050

Tgt Ion:105 Resp: 1081896

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

800000

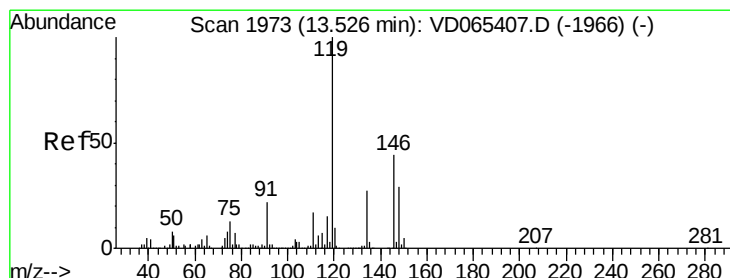
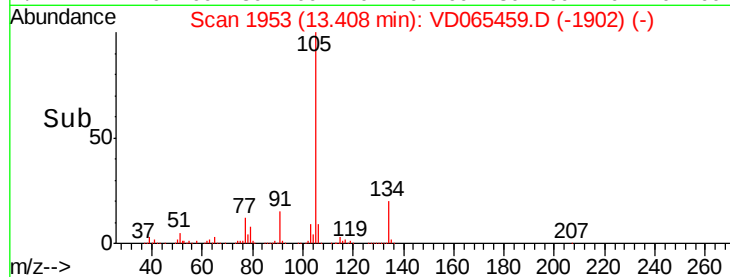
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.418 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

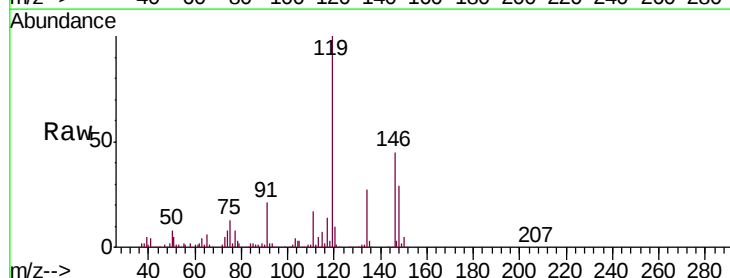
Tgt Ion:119 Resp: 1014204

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 21.7 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

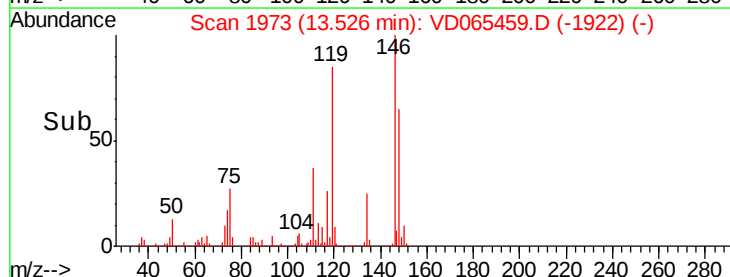
600000

400000

200000

0

Time-->

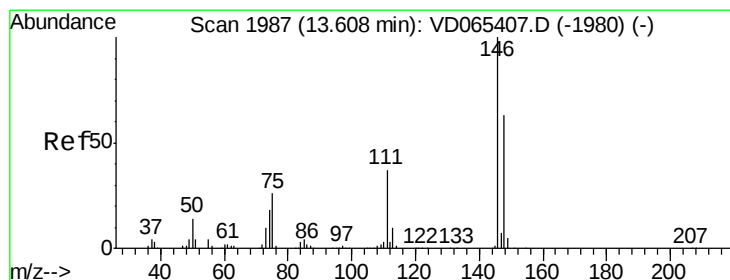
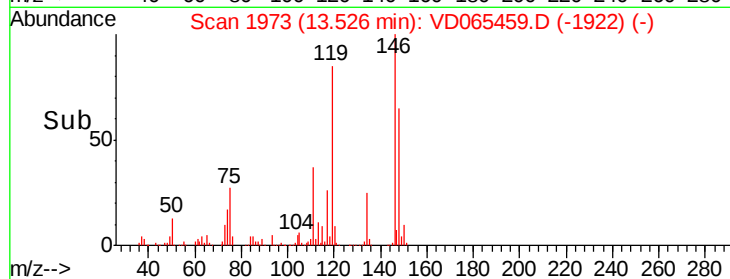
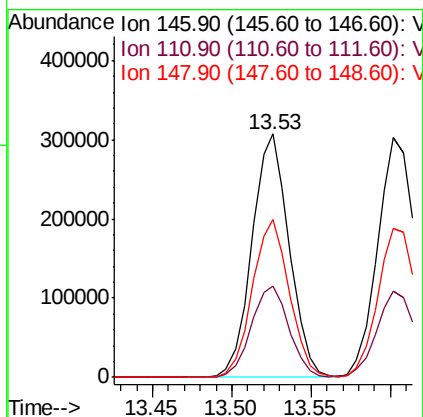
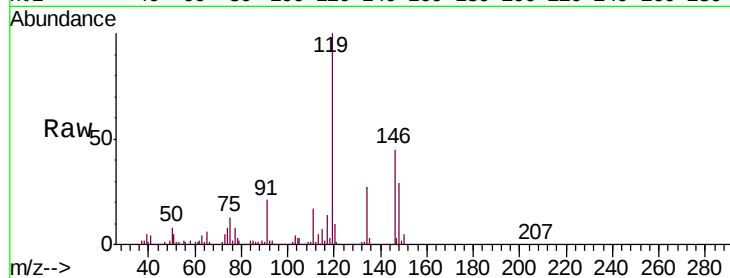




#87
 1,3-Dichlorobenzene
 Concen: 51.821 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

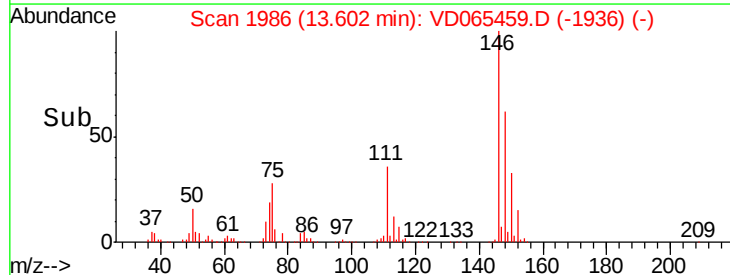
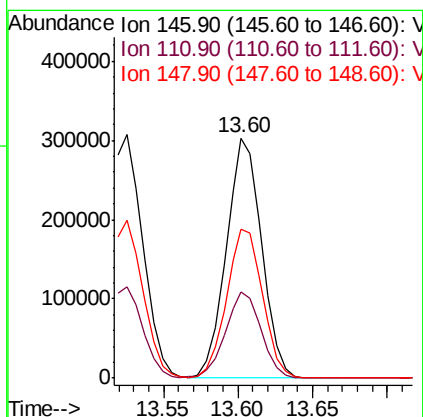
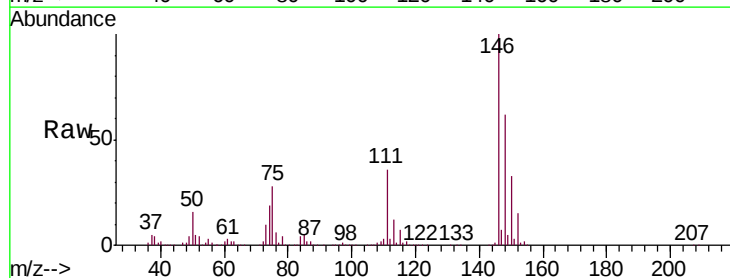
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

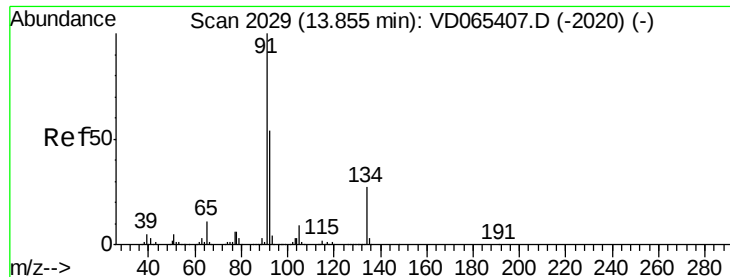
Tgt Ion:146 Resp: 500047
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 64.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.187 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion:146 Resp: 500928
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.5 55.5
 148 63.1 32.0 96.0





#89

n-Butylbenzene

Concen: 55.056 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065459.D

Acq: 10 Mar 2020 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

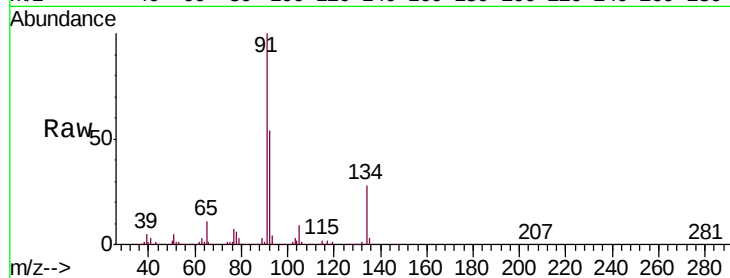
Tgt Ion: 91 Resp: 931513

Ion Ratio Lower Upper

91 100

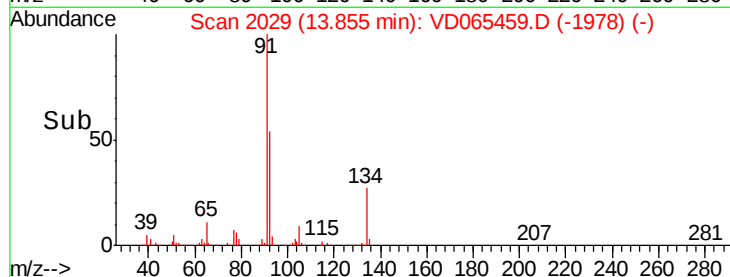
92 53.4 26.8 80.4

134 27.0 13.4 40.2

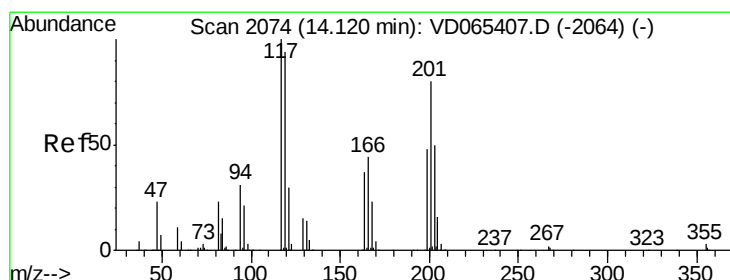


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

13.86



Time-->



#90

Hexachloroethane

Concen: 52.391 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065459.D

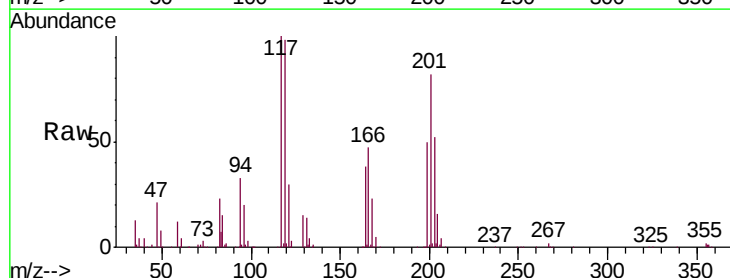
Acq: 10 Mar 2020 10:59

Tgt Ion: 117 Resp: 197455

Ion Ratio Lower Upper

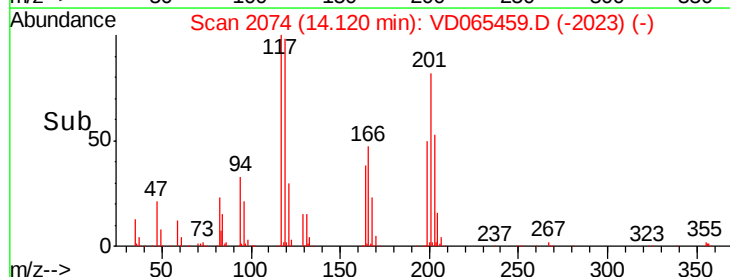
117 100

201 83.5 41.9 125.6

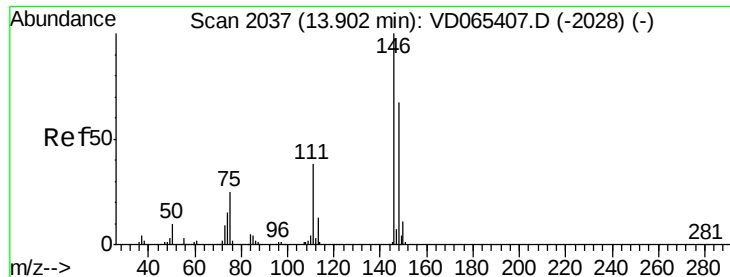


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

14.12



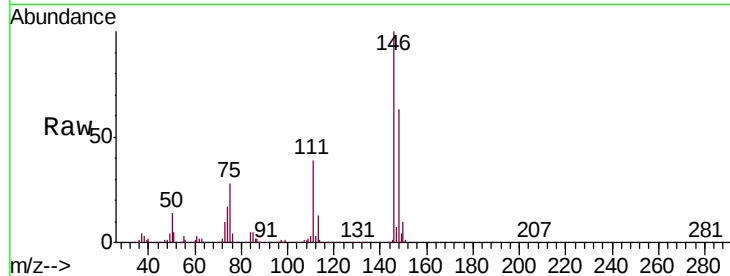
Time-->



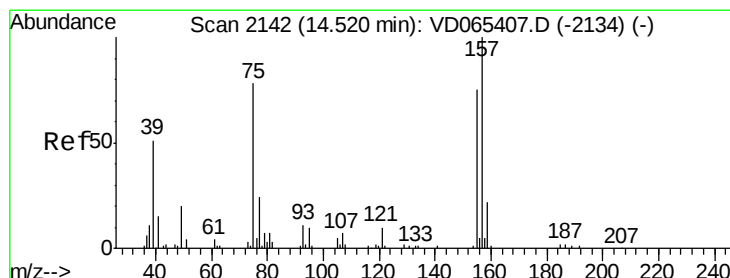
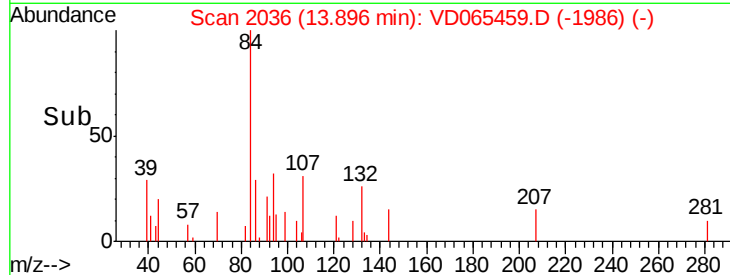
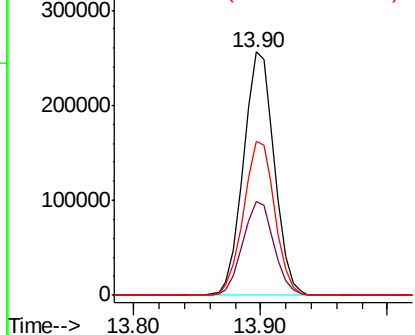
#91
 1,2-Dichlorobenzene
 Concen: 52.656 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.0	32.6	97.8

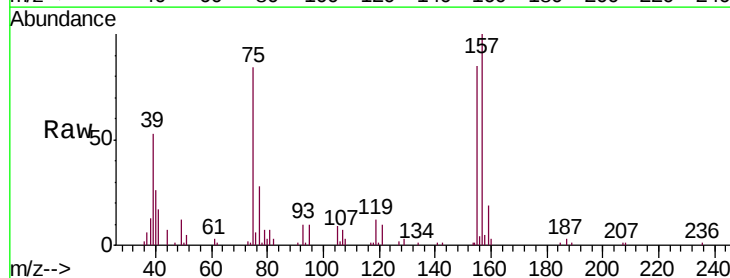


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

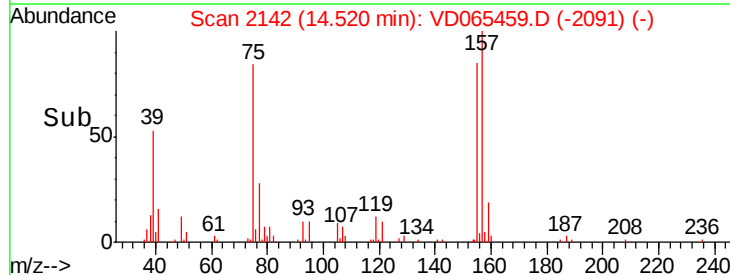
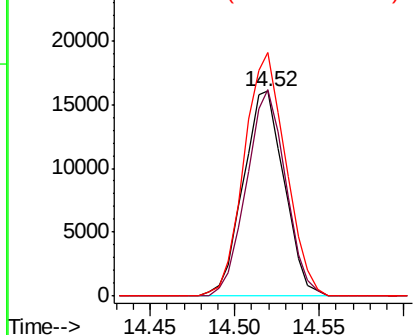


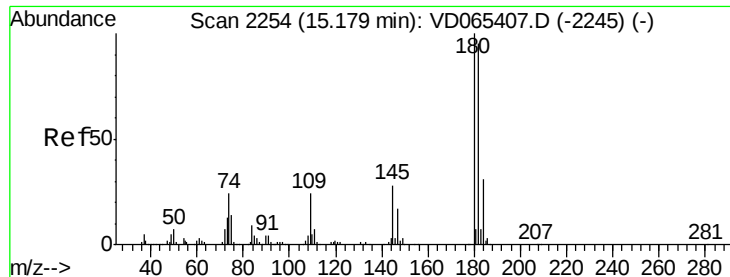
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.044 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.4	139.1
157	120.3	60.2	180.4



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

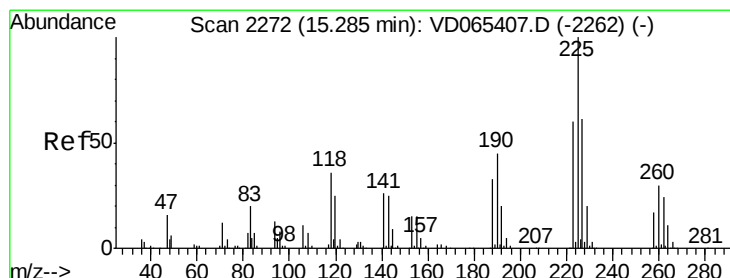
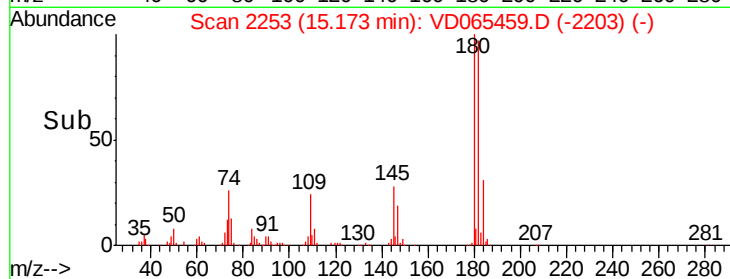
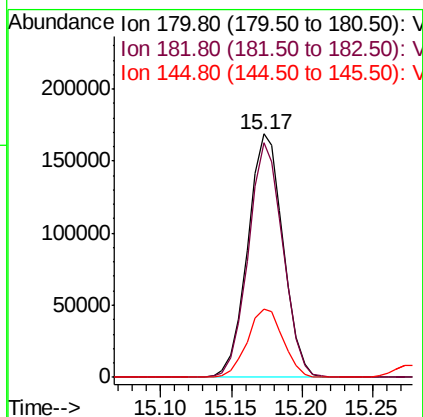
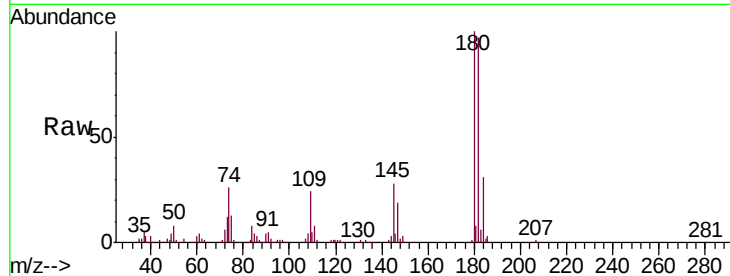




#93
 1,2,4-Trichlorobenzene
 Concen: 53.281 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

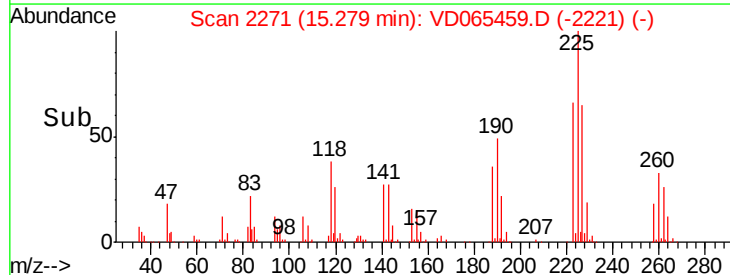
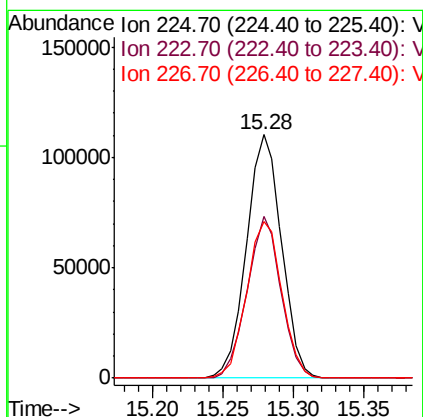
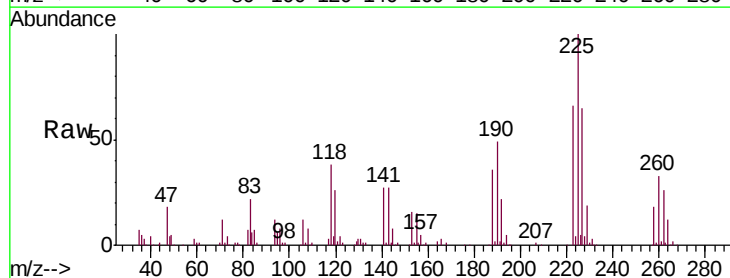
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

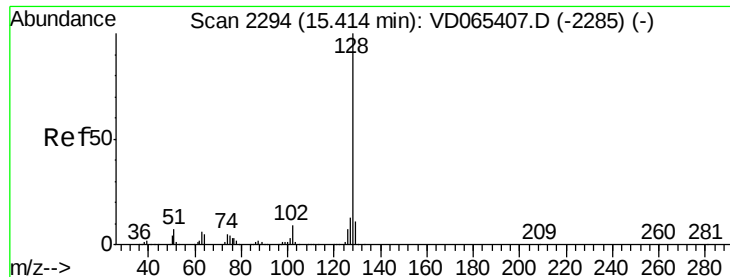
Tgt Ion:180 Resp: 296543
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.9
 145 28.3 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 52.618 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065459.D
 Acq: 10 Mar 2020 10:59

Tgt Ion:225 Resp: 192426
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.9 92.5
 227 64.6 31.6 94.7

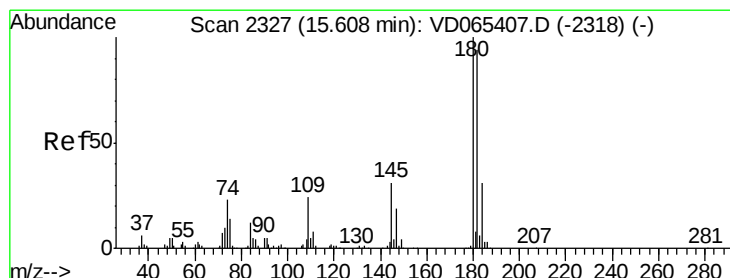
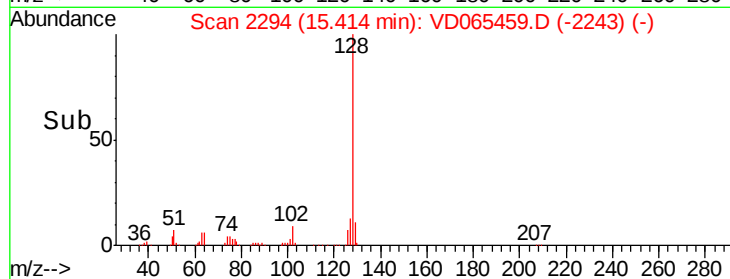
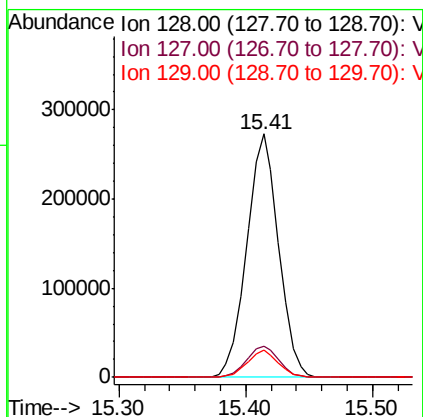
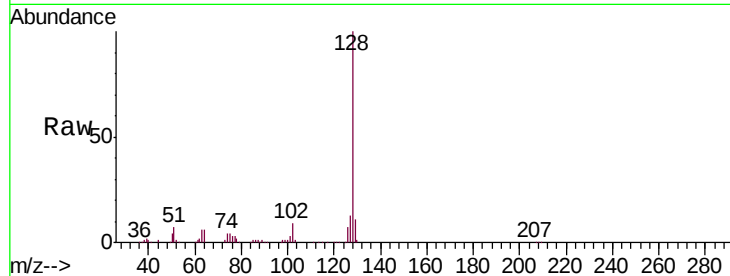




#95
Naphthalene
Concen: 48.252 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 476967
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.301 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065459.D
Acq: 10 Mar 2020 10:59

Tgt Ion:180 Resp: 256349
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 30.6 15.0 45.1

