

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065022.D
 Acq On : 30 Jan 2020 19:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 02:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	422152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	631541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	209169	51.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.30%	
35) Dibromofluoromethane	7.92	113	204220	51.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.92%	
50) Toluene-d8	10.34	98	765358	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.64	95	246926	52.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	155235	48.811	ug/l	97
3) Chloromethane	2.21	50	227332	48.772	ug/l	96
4) Vinyl Chloride	2.35	62	256023	47.823	ug/l	99
5) Bromomethane	2.77	94	172787	47.981	ug/l	100
6) Chloroethane	2.93	64	172792	48.958	ug/l	99
7) Trichlorofluoromethane	3.27	101	392286	47.446	ug/l	93
8) Diethyl Ether	3.71	74	96960	51.948	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	189896	49.367	ug/l	98
10) Methyl Iodide	4.30	142	214425	52.516	ug/l	99
11) Tert butyl alcohol	5.24	59	57270	255.933	ug/l	97
12) 1,1-Dichloroethene	4.06	96	180399	49.092	ug/l	96
13) Acrolein	3.92	56	72077	256.941	ug/l	97
14) Allyl chloride	4.71	41	302774	51.660	ug/l	99
15) Acrylonitrile	5.43	53	224149	277.323	ug/l	98
16) Acetone	4.17	43	251587	264.931	ug/l	100
17) Carbon Disulfide	4.40	76	586642	48.507	ug/l	100
18) Methyl Acetate	4.72	43	104502	55.103	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	451554	54.995	ug/l	96
20) Methylene Chloride	4.97	84	221677	57.220	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	218265	51.554	ug/l	99
22) Diisopropyl ether	6.37	45	652044	55.824	ug/l	98
23) Vinyl Acetate	6.31	43	1812000	264.966	ug/l	99
24) 1,1-Dichloroethane	6.27	63	381073	53.137	ug/l	98
25) 2-Butanone	7.22	43	311179	284.444	ug/l	98
26) 2,2-Dichloropropane	7.21	77	323098	49.670	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	242702	53.709	ug/l	99
28) Bromochloromethane	7.55	49	174895	60.980	ug/l	98
29) Tetrahydrofuran	7.57	42	184913	273.948	ug/l	99
30) Chloroform	7.71	83	398185	53.712	ug/l	97
31) Cyclohexane	7.98	56	329134	46.653	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	351628	50.986	ug/l	100
36) 1,1-Dichloropropene	8.11	75	302908	49.740	ug/l	100
37) Ethyl Acetate	7.30	43	131966	52.462	ug/l	99
38) Carbon Tetrachloride	8.10	117	316950	49.241	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	340585	47.837	ug/l	96
40) Benzene	8.36	78	867556	51.726	ug/l	99
41) Methacrylonitrile	7.53	41	70836	52.275	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	263524	52.745	ug/l	99
43) Isopropyl Acetate	8.46	43	253418	53.036	ug/l	99
44) Trichloroethene	9.11	130	236131	50.304	ug/l	100
45) 1,2-Dichloropropane	9.40	63	215179	52.922	ug/l	100
46) Dibromomethane	9.48	93	117487	52.926	ug/l	98
47) Bromodichloromethane	9.67	83	314102	54.378	ug/l	100
48) Methyl methacrylate	9.46	41	117304	53.348	ug/l	93
49) 1,4-Dioxane	9.47	88	25267	981.415	ug/l #	83
51) 4-Methyl-2-Pentanone	10.24	43	659479	275.836	ug/l	100
52) Toluene	10.41	92	556770	51.488	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	295396	53.687	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	351066	54.496	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	159424	53.316	ug/l	98
56) Ethyl methacrylate	10.67	69	202791	56.714	ug/l	99
57) 1,3-Dichloropropane	10.96	76	279422	54.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	318538	268.146	ug/l	99
59) 2-Hexanone	10.99	43	484306	293.674	ug/l	98
60) Dibromochloromethane	11.14	129	215824	54.003	ug/l	99
61) 1,2-Dibromoethane	11.25	107	154086	53.517	ug/l	98
64) Tetrachloroethene	10.88	164	239359	56.929	ug/l	97
65) Chlorobenzene	11.68	112	594727	50.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	228247	51.374	ug/l	99
67) Ethyl Benzene	11.75	91	1077982	51.399	ug/l	98
68) m/p-Xylenes	11.86	106	834801	103.381	ug/l	100
69) o-Xylene	12.18	106	370272	51.666	ug/l	100
70) Styrene	12.20	104	671176	52.574	ug/l	98
71) Bromoform	12.37	173	125838	50.953	ug/l #	99
73) Isopropylbenzene	12.48	105	995691	49.695	ug/l	99
74) N-amyl acetate	12.30	43	231788	51.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	170491	50.629	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	230291	94.649	ug/l #	100
77) Bromobenzene	12.77	156	248491	50.689	ug/l	98
78) n-propylbenzene	12.83	91	1188674	49.887	ug/l	100
79) 2-Chlorotoluene	12.91	91	652483	49.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	841254	51.236	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.54	75	55511	48.715	ug/l	95
82) 4-Chlorotoluene	13.01	91	699225	50.441	ug/l	99
83) tert-Butylbenzene	13.23	119	711296	51.048	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	840115	50.509	ug/l	100
85) sec-Butylbenzene	13.41	105	966325	48.980	ug/l	99
86) p-Isopropyltoluene	13.53	119	928434	50.290	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	468166	49.773	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	468092	50.141	ug/l	100
89) n-Butylbenzene	13.86	91	838813	49.787	ug/l	99
90) Hexachloroethane	14.13	117	176734	49.642	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	403319	50.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26802	49.735	ug/l	99

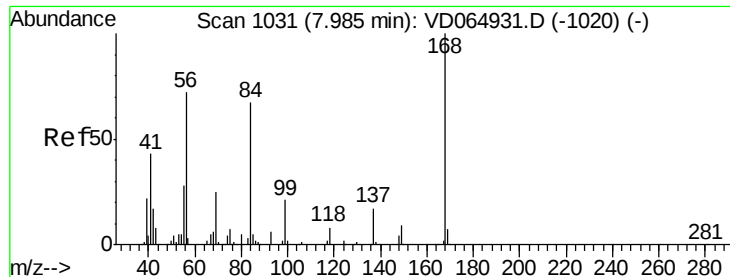
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	276963	50.135	ug/l	100
94) Hexachlorobutadiene	15.28	225	163514	46.794	ug/l	97
95) Naphthalene	15.41	128	473842	53.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	245114	51.173	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

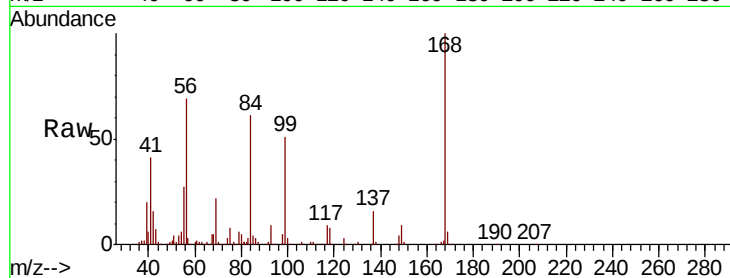
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 422152

Ion Ratio Lower Upper

168 100

99 50.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

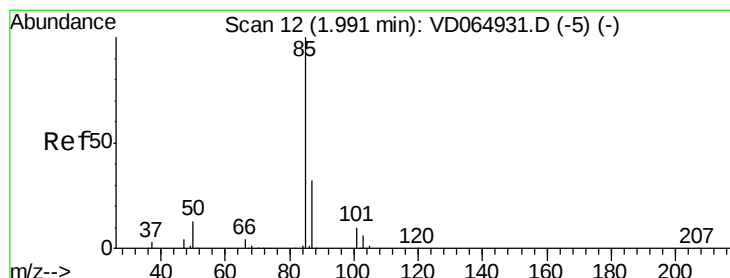
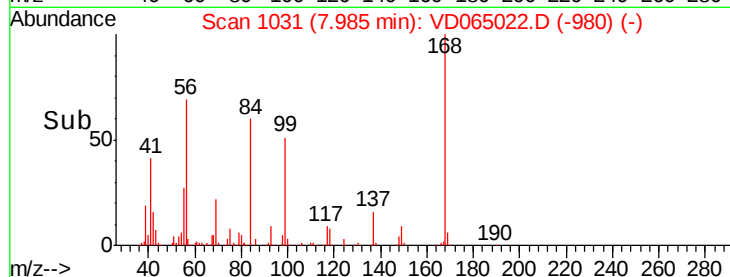
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 48.811 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065022.D

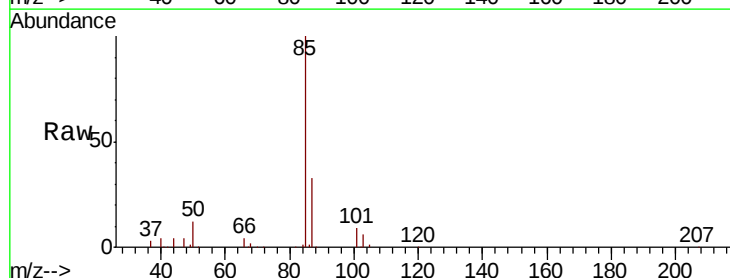
Acq: 30 Jan 2020 19:32

Tgt Ion: 85 Resp: 155235

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

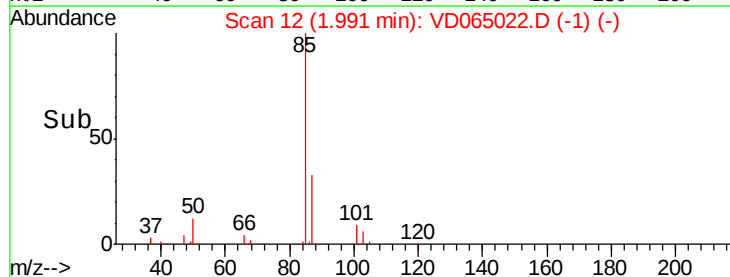
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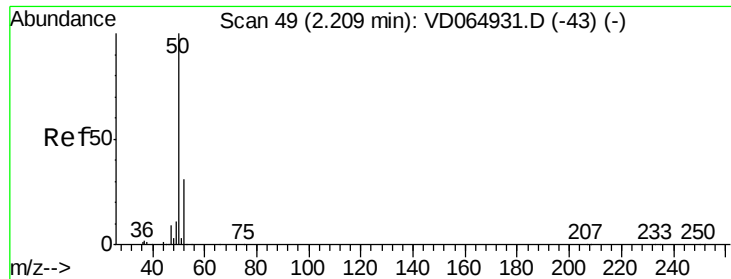
40000

20000

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Time-->





#3

Chloromethane

Concen: 48.772 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

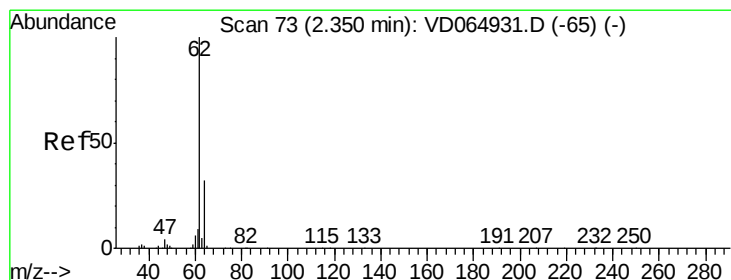
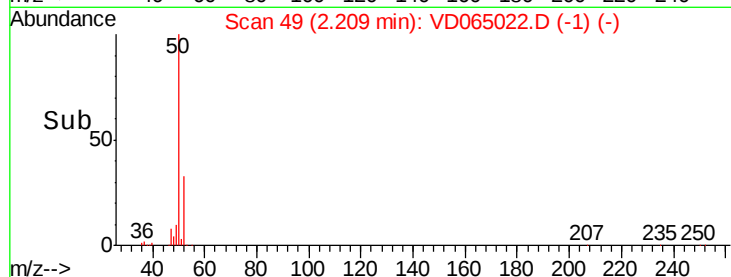
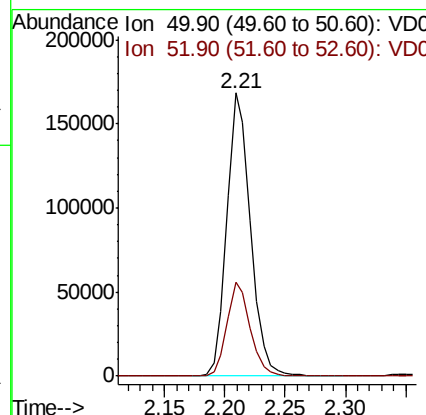
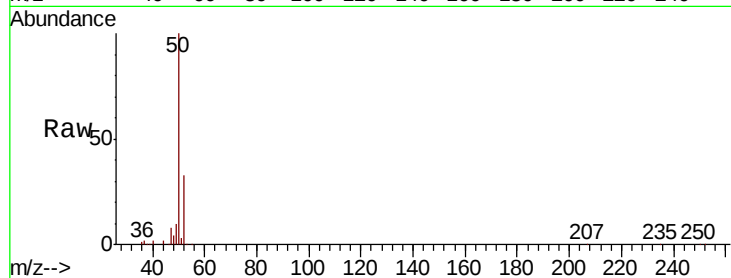
VSTDCCC050EC

Tot Ion: 50 Resp: 227332

Ion Ratio Lower Upper

50 100

52 33.1 24.6 36.8



#4

Vinyl Chloride

Concen: 47.823 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065022.D

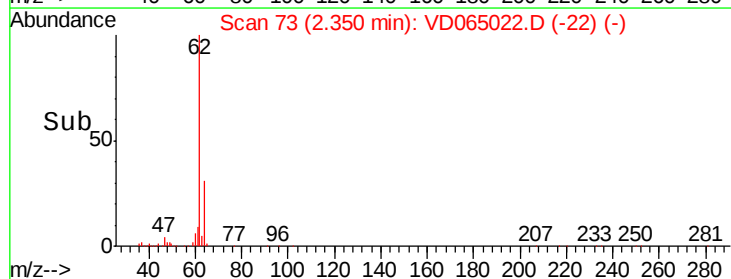
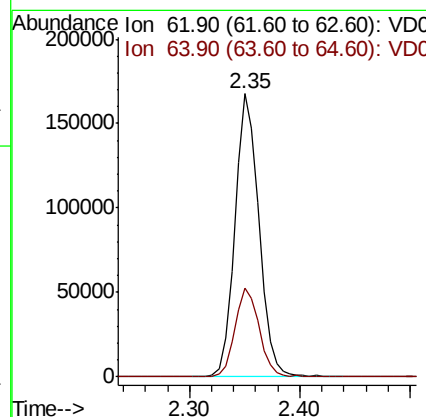
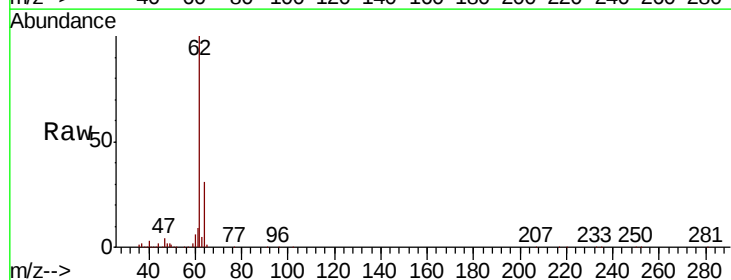
Acq: 30 Jan 2020 19:32

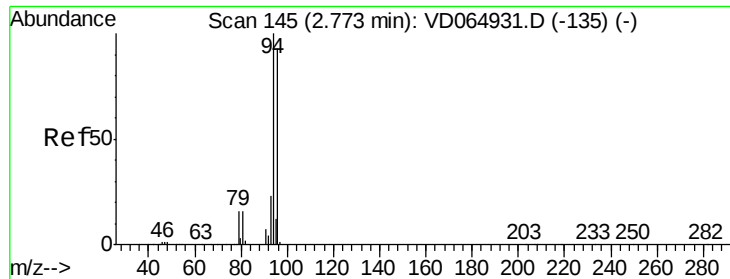
Tgt Ion: 62 Resp: 256023

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 47.981 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

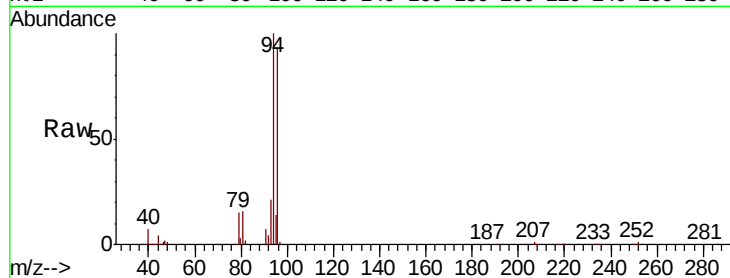
VSTDCCC050EC

Tot Ion: 94 Resp: 172787

Ion Ratio Lower Upper

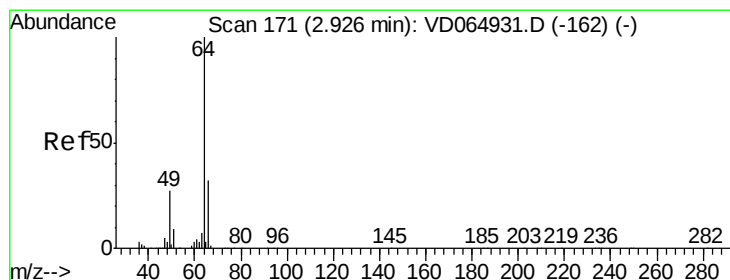
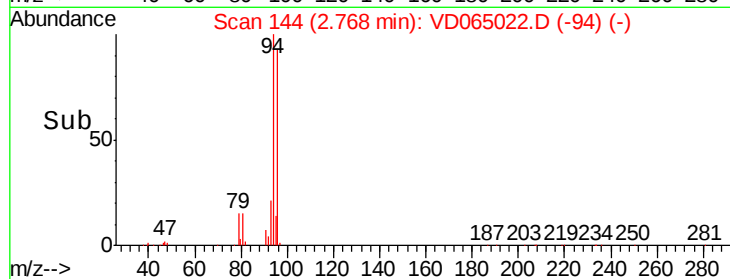
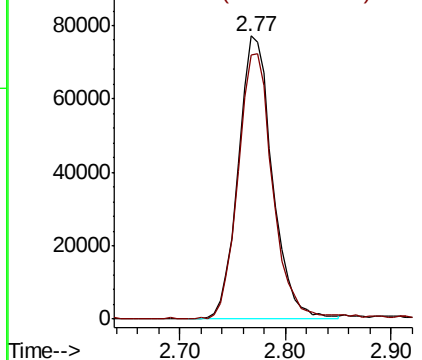
94 100

96 93.2 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.958 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065022.D

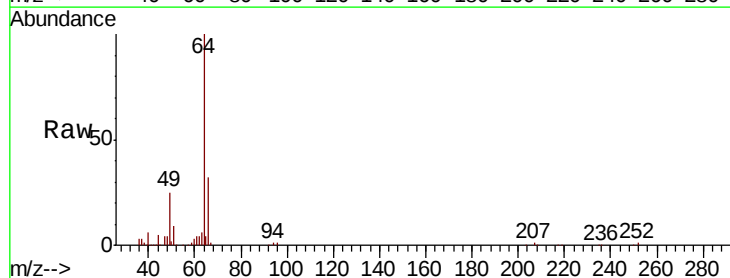
Acq: 30 Jan 2020 19:32

Tgt Ion: 64 Resp: 172792

Ion Ratio Lower Upper

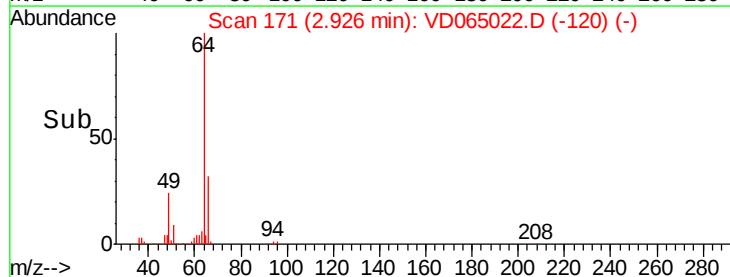
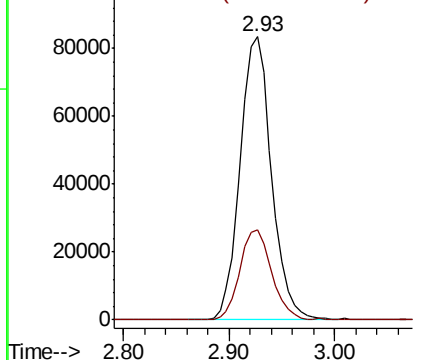
64 100

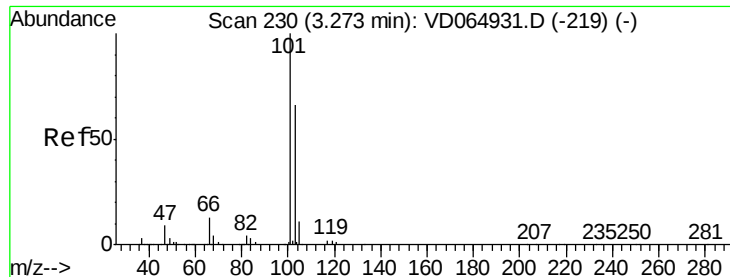
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



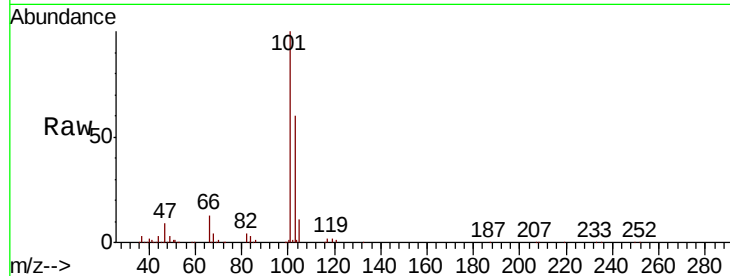


#7

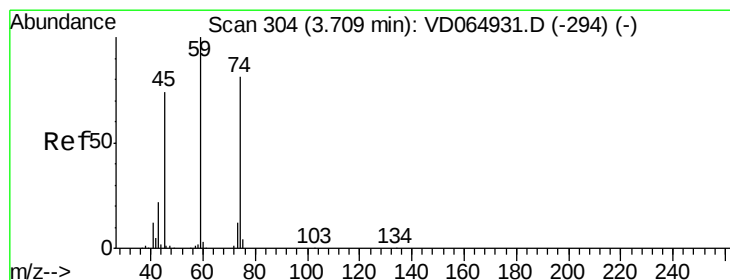
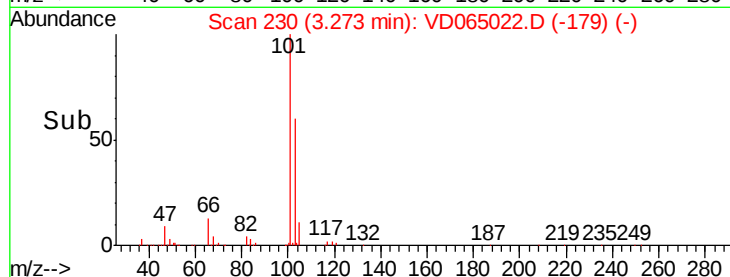
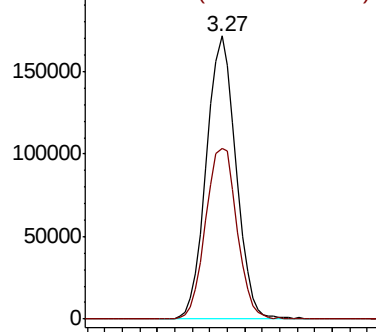
Trichlorofluoromethane
Concen: 47.446 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065022.D
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Instrument :
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Tot Ion:101 Resp: 392286
Ion Ratio Lower Upper
101 100
103 60.4 52.5 78.7



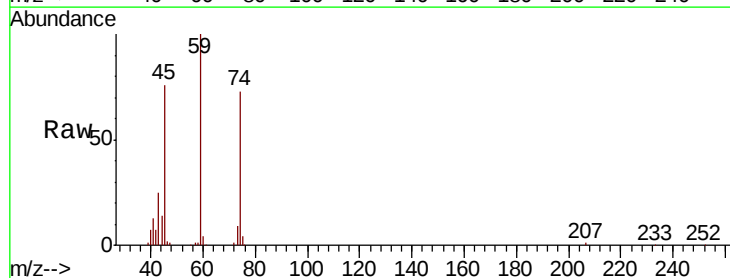
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



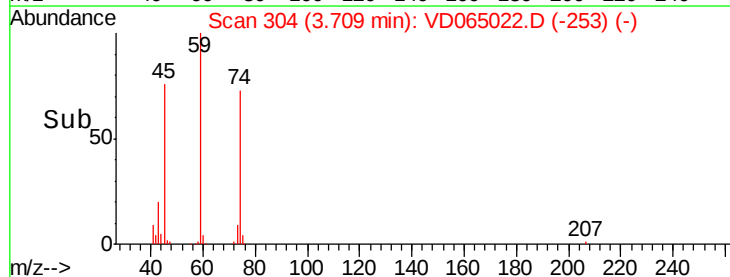
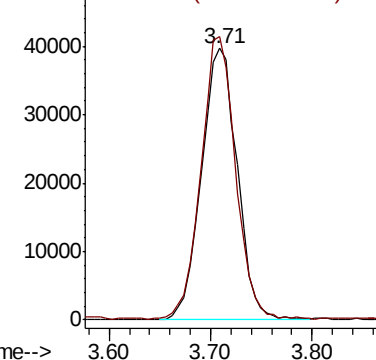
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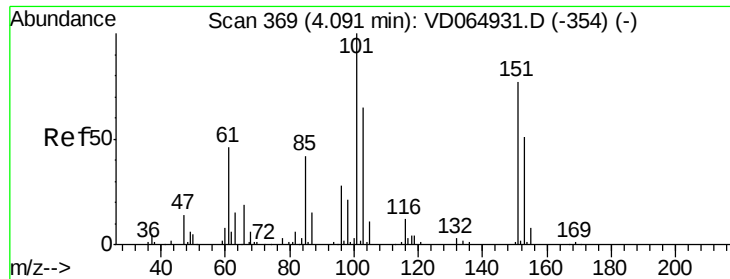
Diethyl Ether
Concen: 51.948 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 74 Resp: 96960
Ion Ratio Lower Upper
74 100
45 101.8 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.367 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

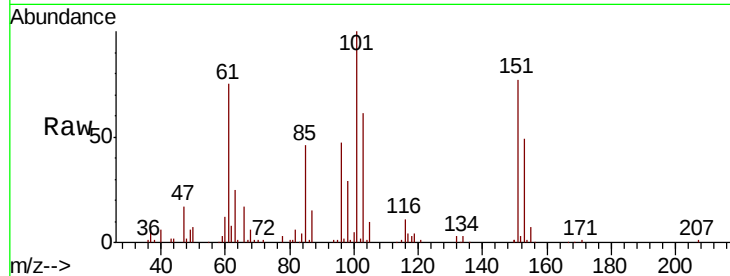
Tot Ion:101 Resp: 189896

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.4

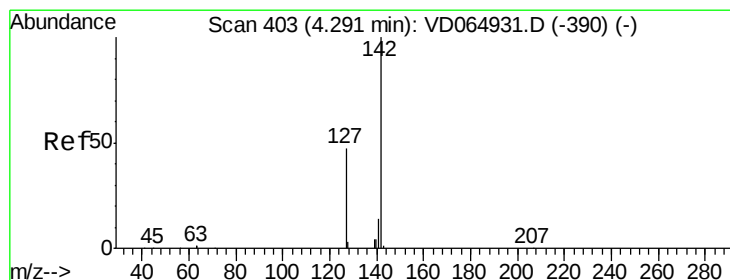
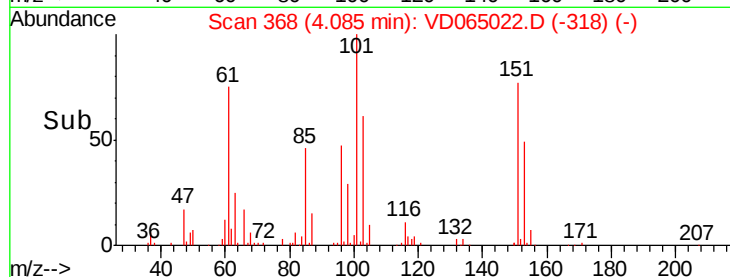
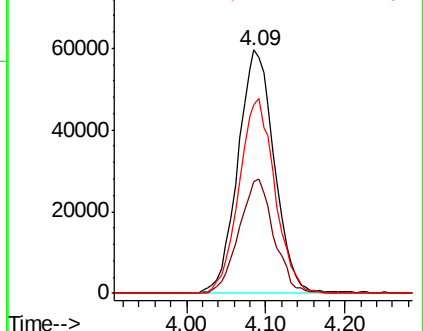
151 78.9 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.516 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

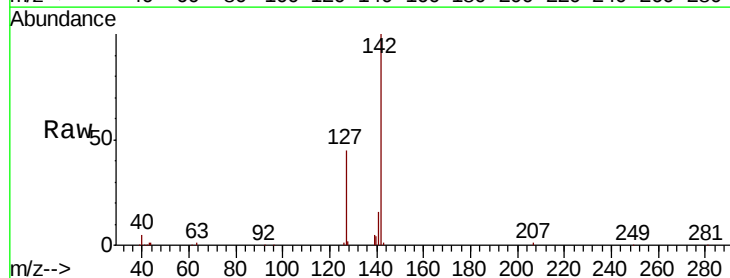
Tgt Ion:142 Resp: 214425

Ion Ratio Lower Upper

142 100

127 45.8 36.2 54.2

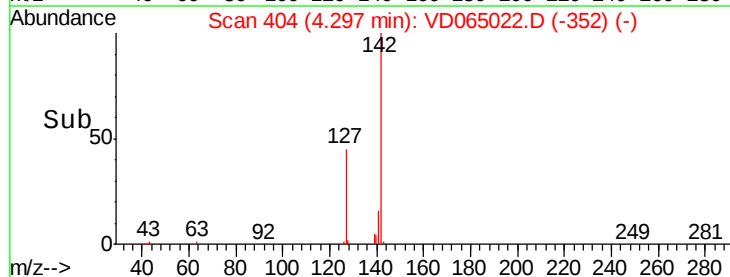
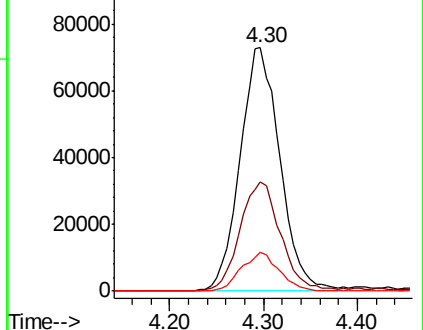
141 15.2 11.6 17.4

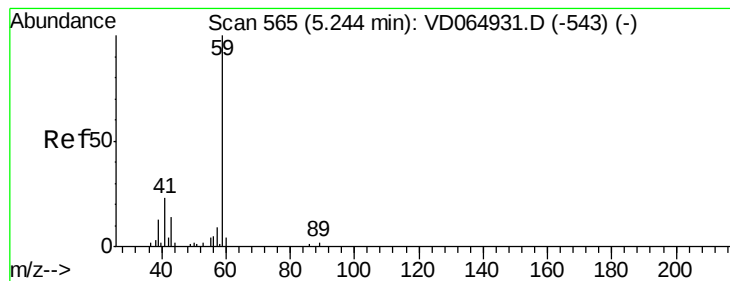


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



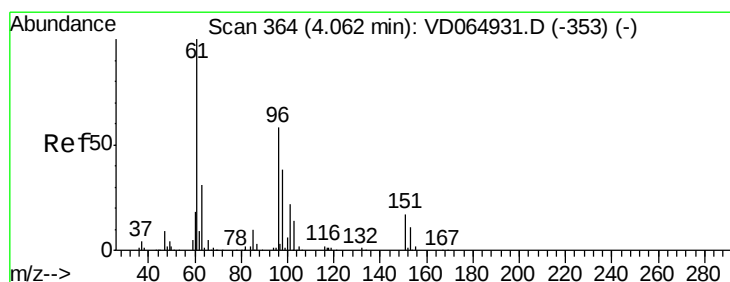
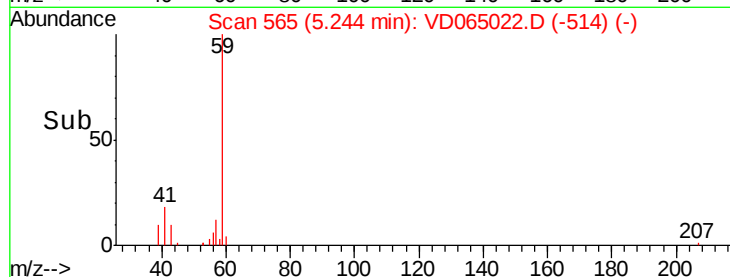
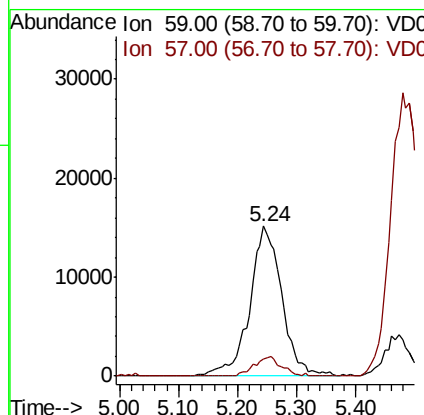
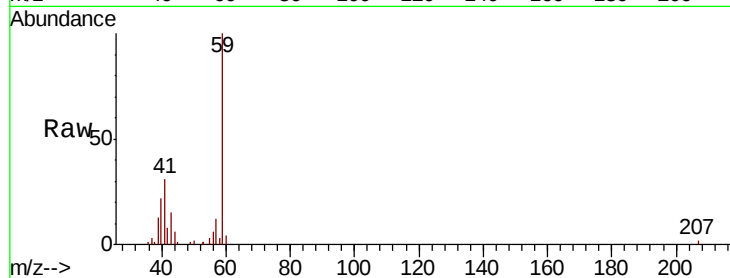


#11

Tert butyl alcohol
 Concen: 255.933 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

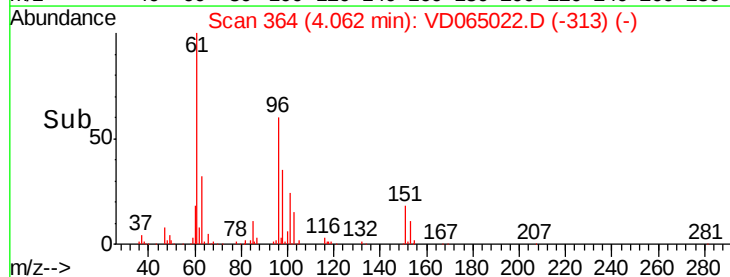
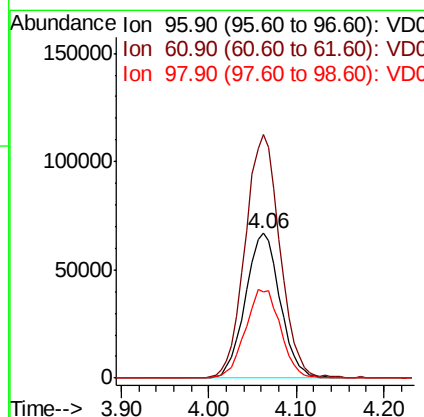
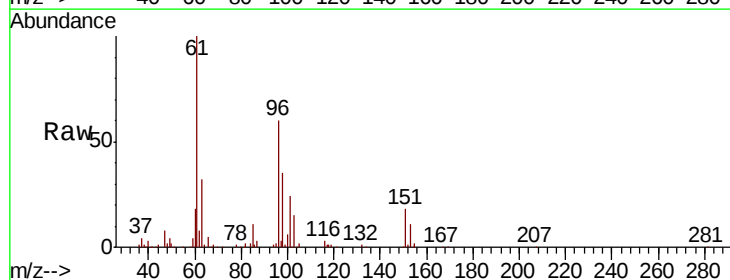
Tot Ion: 59 Resp: 57270
 Ion Ratio Lower Upper
 59 100
 57 10.8 7.7 11.5

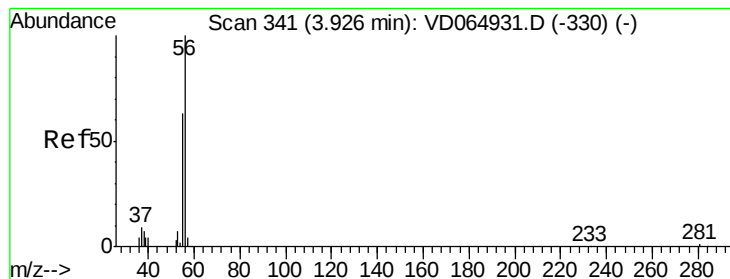


#12

1,1-Dichloroethene
 Concen: 49.092 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 96 Resp: 180399
 Ion Ratio Lower Upper
 96 100
 61 168.0 137.0 205.4
 98 59.4 52.1 78.1





#13

Acrolein

Concen: 256.941 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

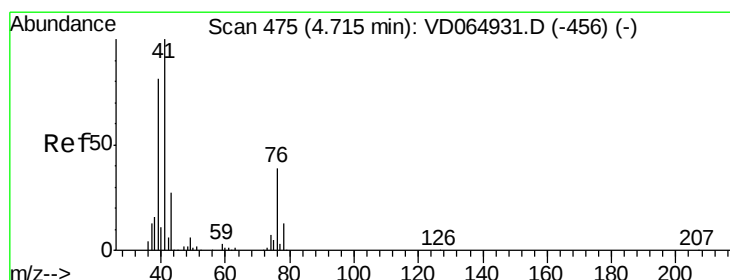
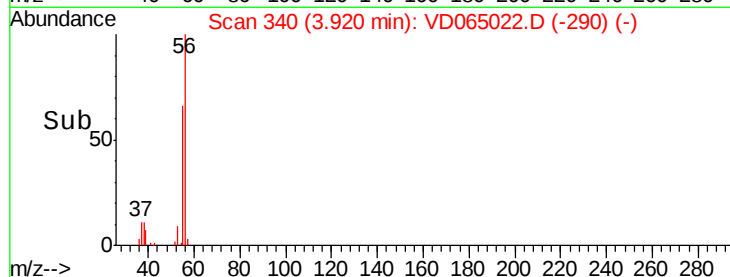
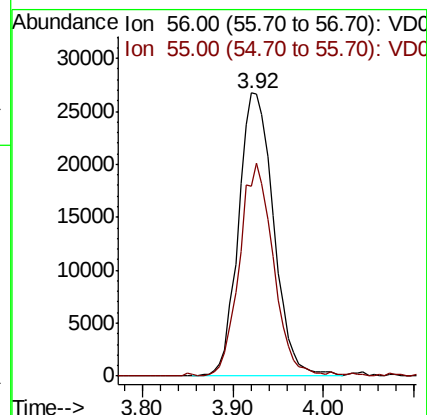
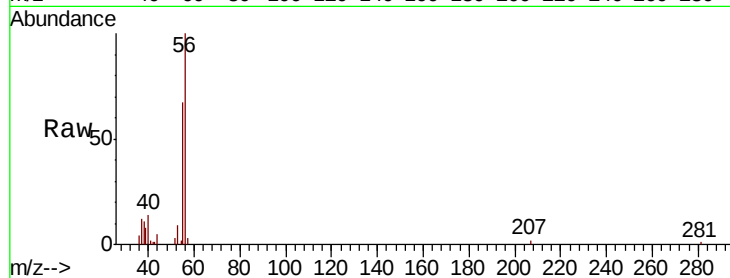
VSTDCCC050EC

Tot Ion: 56 Resp: 72077

Ion Ratio Lower Upper

56 100

55 72.4 59.7 89.5



#14

Allyl chloride

Concen: 51.660 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

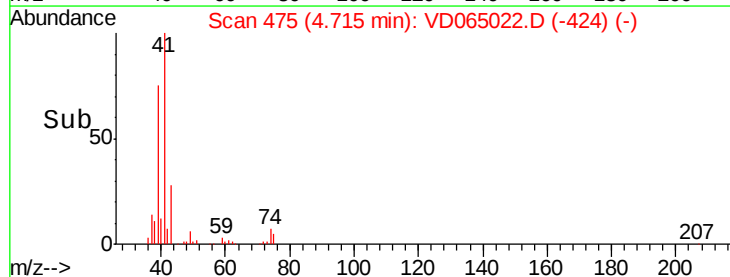
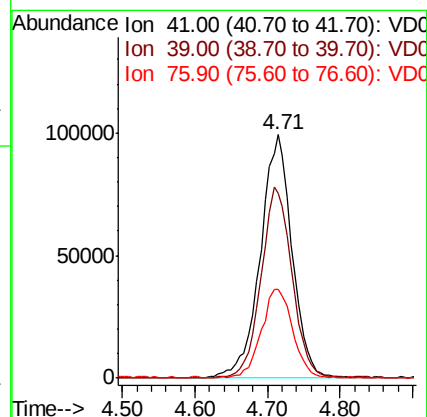
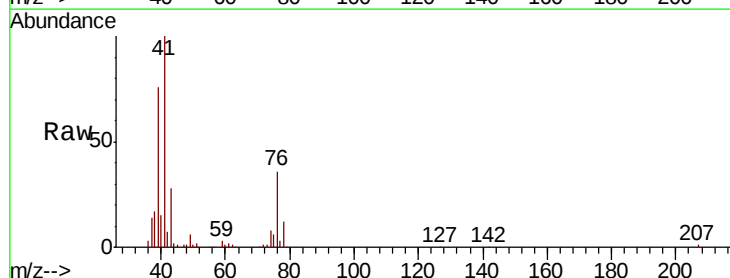
Tgt Ion: 41 Resp: 302774

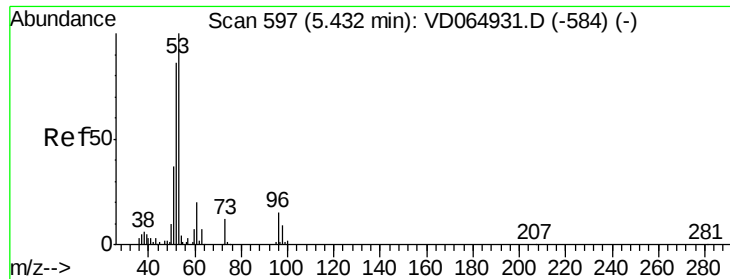
Ion Ratio Lower Upper

41 100

39 76.7 62.0 93.0

76 35.8 29.3 43.9





#15

Acrylonitrile

Concen: 277.323 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

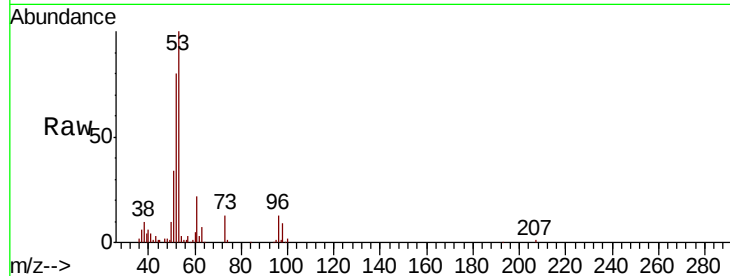
Tot Ion: 53 Resp: 224149

Ion Ratio Lower Upper

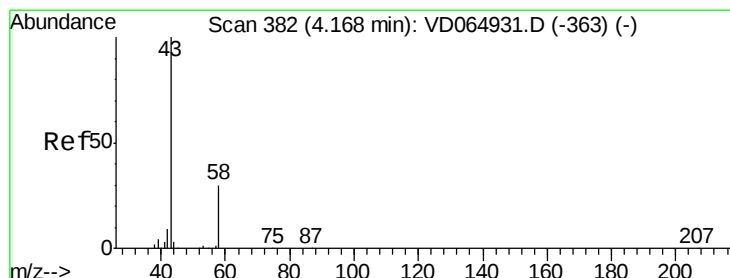
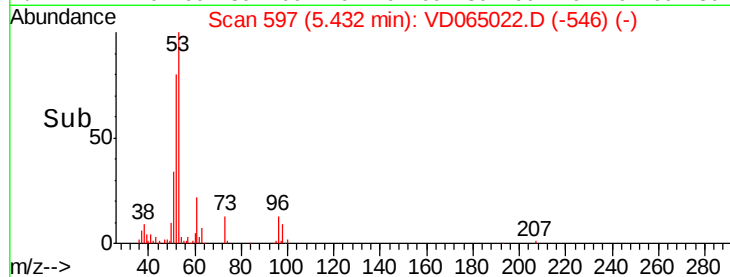
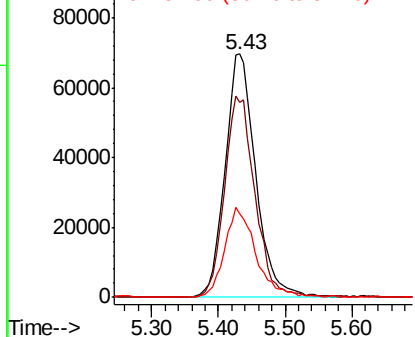
53 100

52 81.9 66.7 100.1

51 37.5 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 264.931 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065022.D

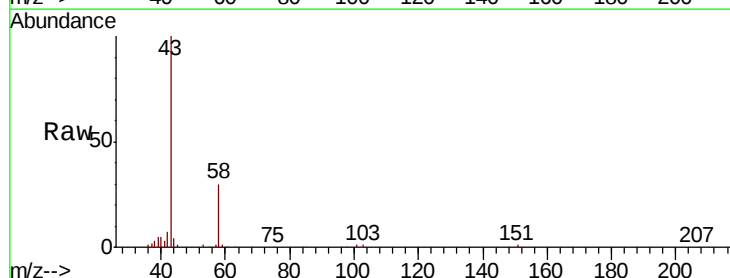
Acq: 30 Jan 2020 19:32

Tgt Ion: 43 Resp: 251587

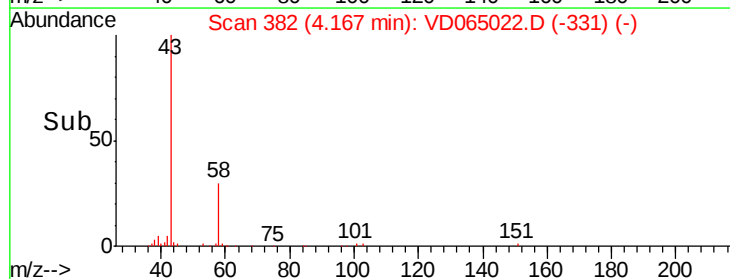
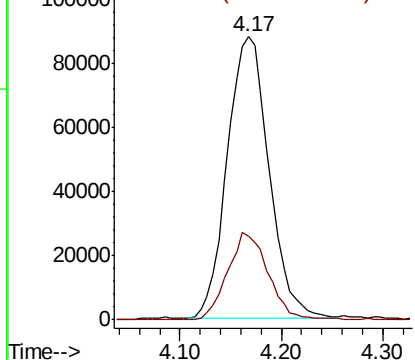
Ion Ratio Lower Upper

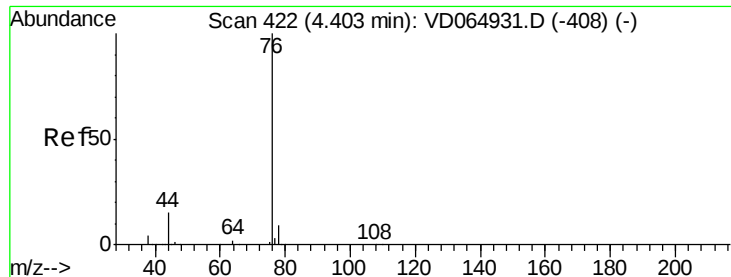
43 100

58 29.8 23.8 35.8



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





#17

Carbon Disulfide

Concen: 48.507 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

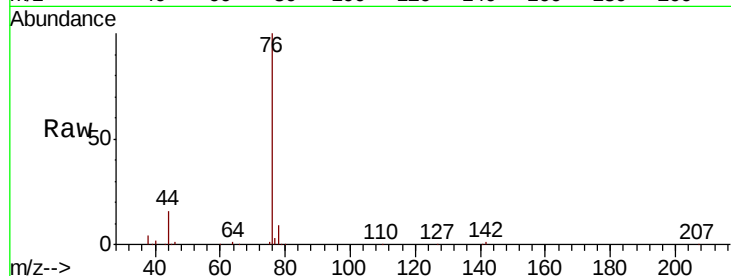
VSTDCCC050EC

Tot Ion: 76 Resp: 586642

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

200000

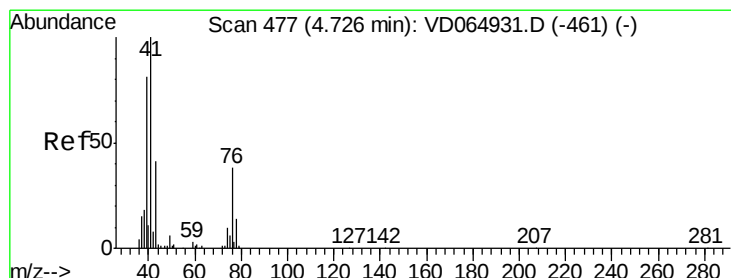
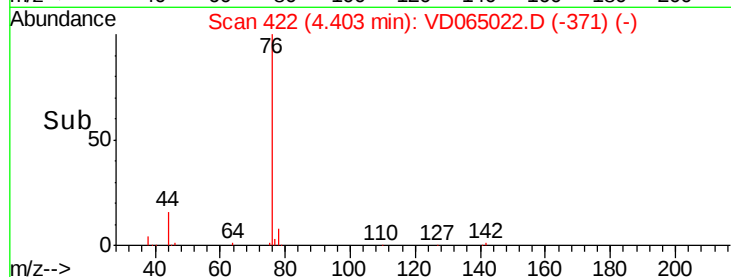
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.103 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065022.D

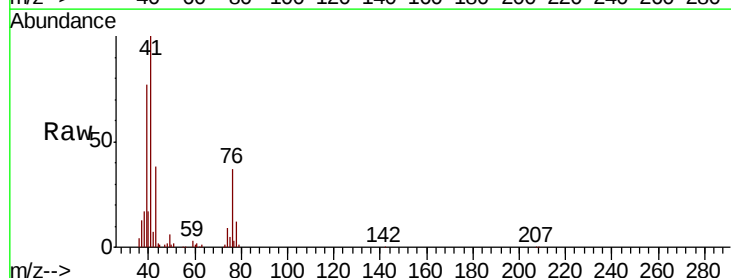
Acq: 30 Jan 2020 19:32

Tgt Ion: 43 Resp: 104502

Ion Ratio Lower Upper

43 100

74 23.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

40000

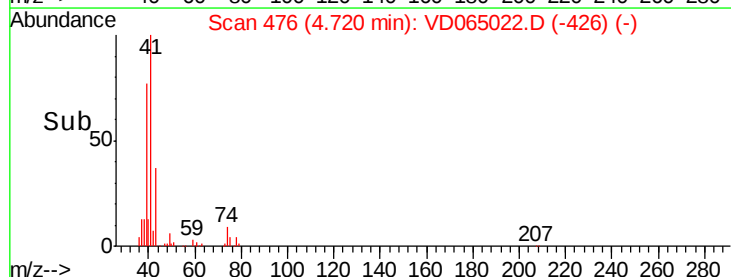
30000

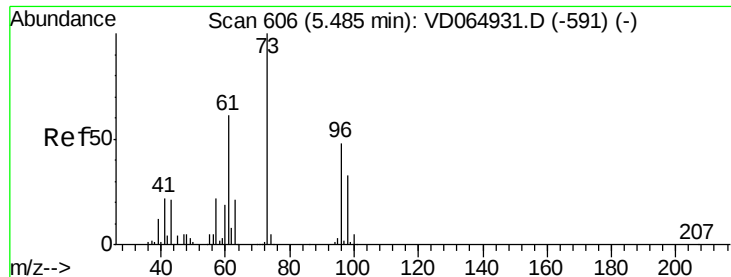
20000

10000

0

Time-->

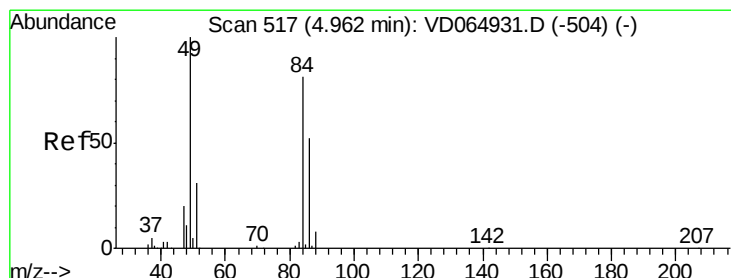
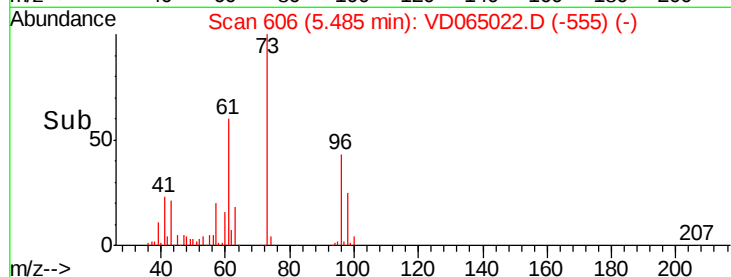
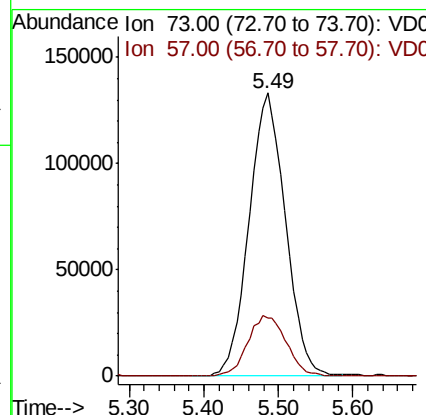
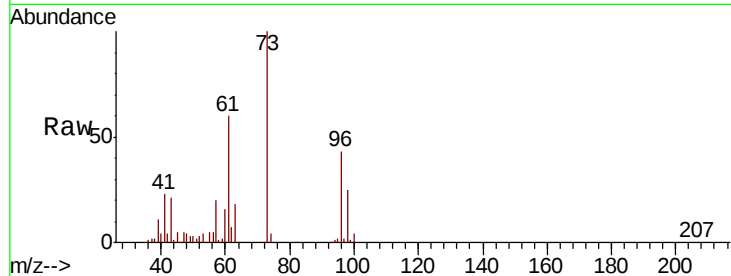




#19
Methvl tert-butvl Ether
Concen: 54.995 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

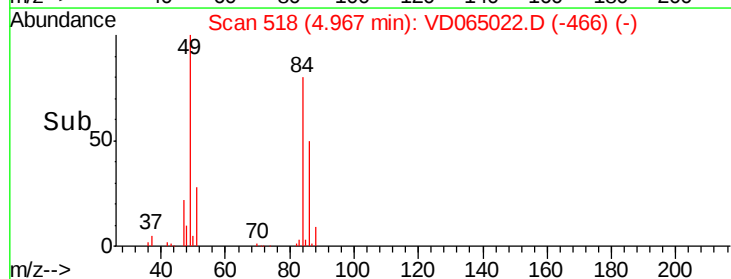
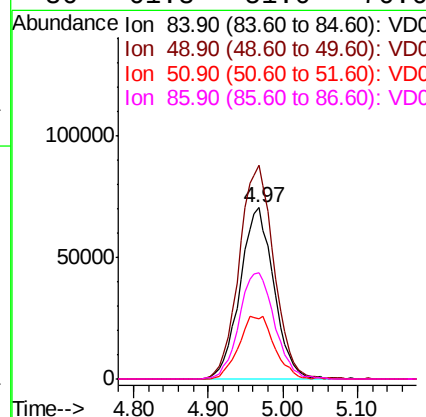
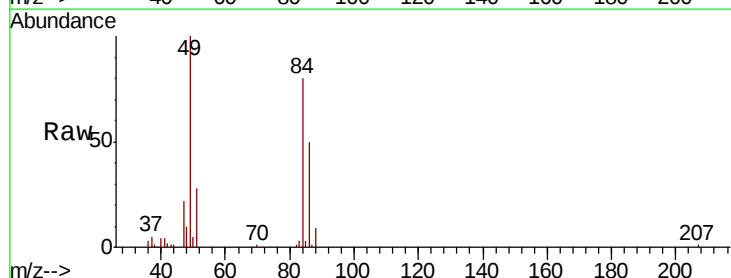
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

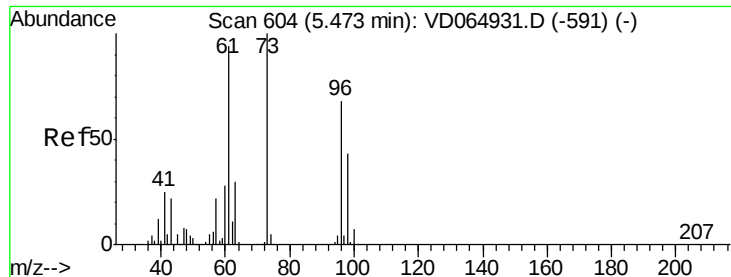
Tot Ion: 73 Resp: 451554
Ion Ratio Lower Upper
73 100
57 20.3 17.9 26.9



#20
Methylene Chloride
Concen: 57.220 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 84 Resp: 221677
Ion Ratio Lower Upper
84 100
49 124.8 98.4 147.6
51 35.3 30.8 46.2
86 61.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.554 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

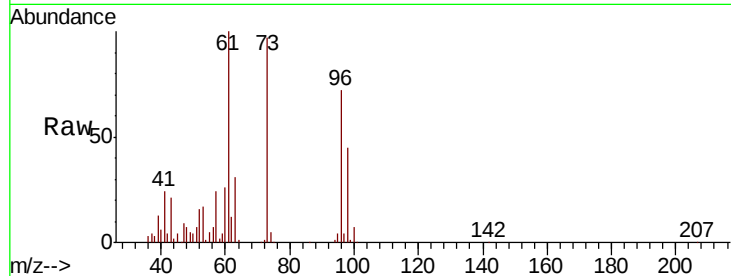
Tot Ion: 96 Resp: 218265

Ion Ratio Lower Upper

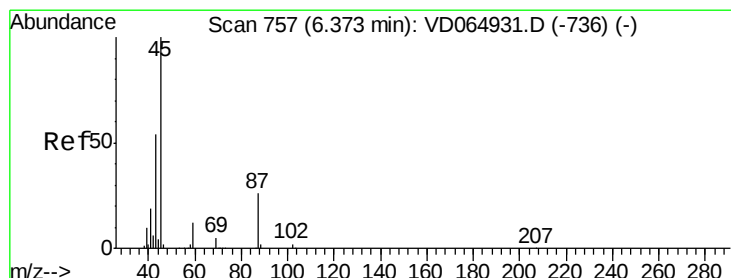
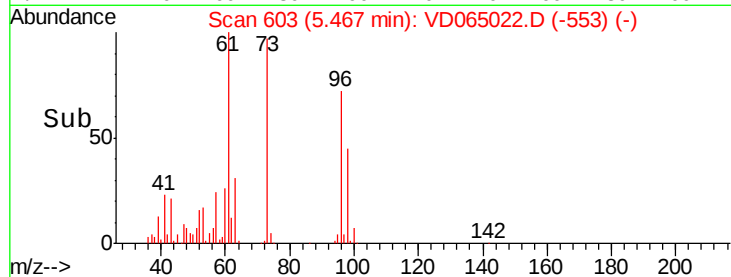
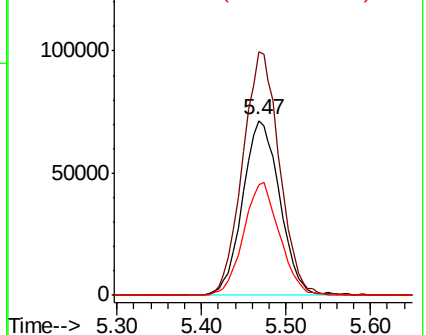
96 100

61 139.2 110.4 165.6

98 62.9 50.5 75.7



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: 55.824 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Tgt Ion: 45 Resp: 652044

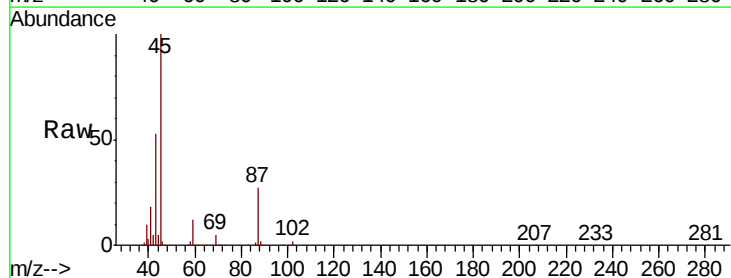
Ion Ratio Lower Upper

45 100

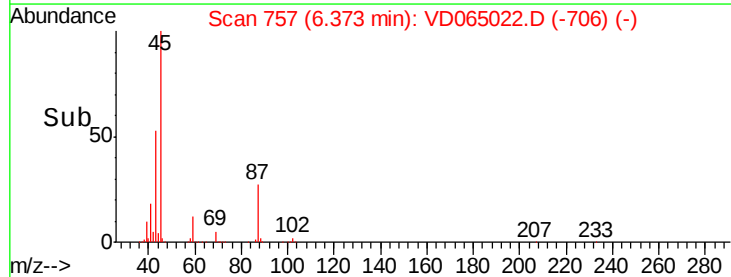
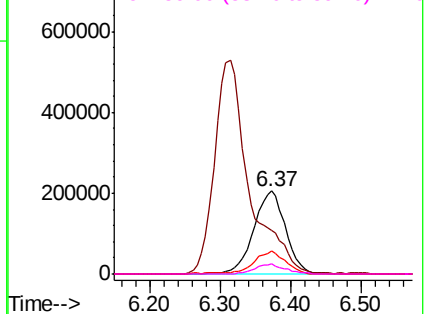
43 51.8 43.1 64.7

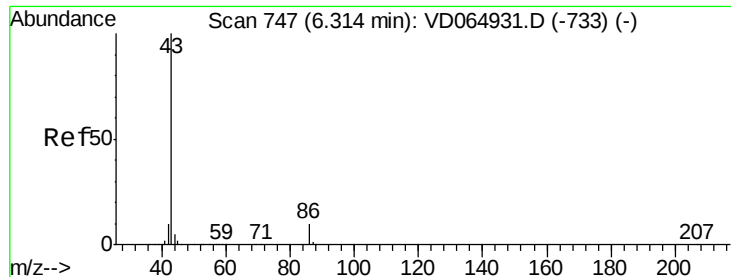
87 27.0 21.4 32.2

59 11.8 9.5 14.3



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

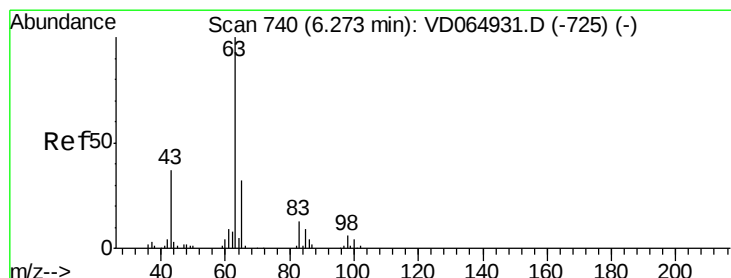
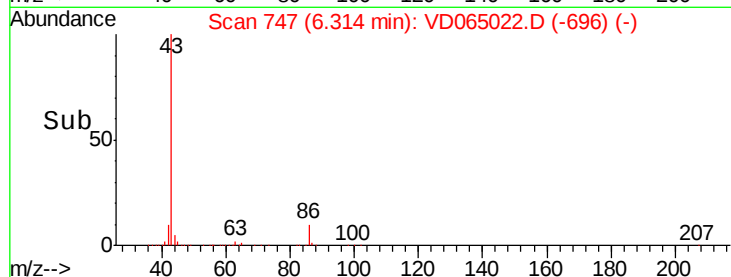
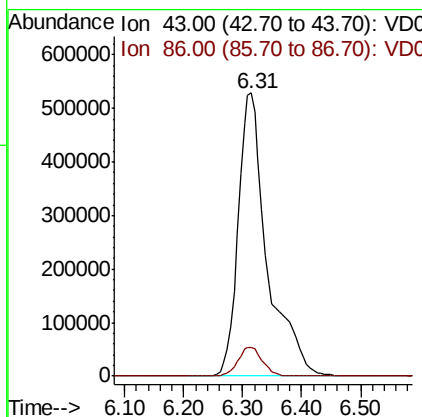
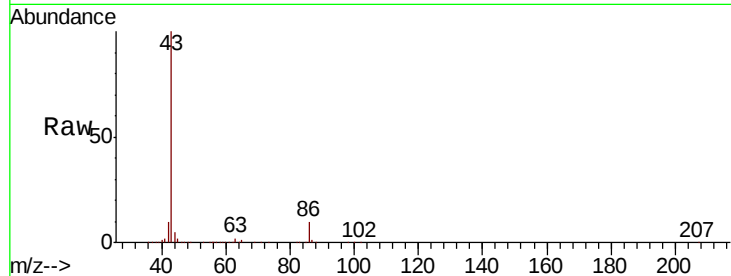




#23
 Vinyl Acetate
 Concen: 264.966 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

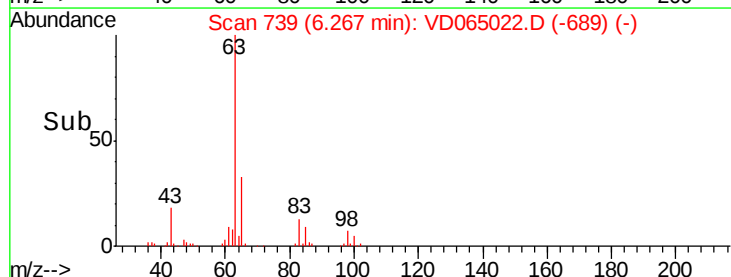
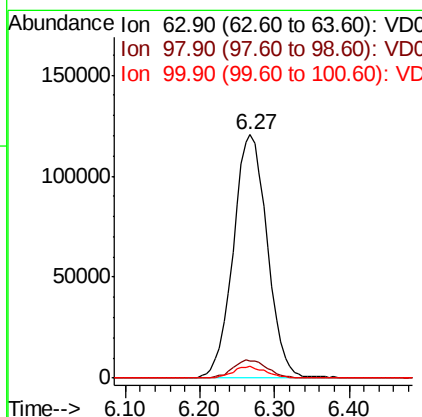
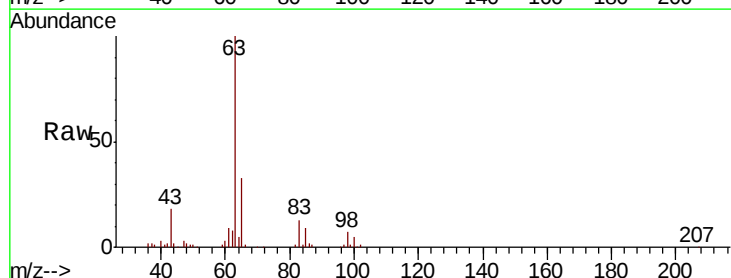
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

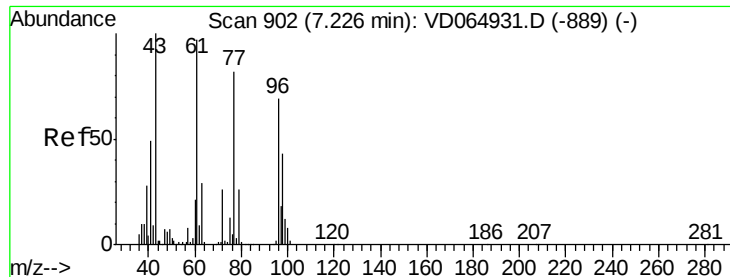
Tot Ion: 43 Resp: 1812000
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 53.137 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 63 Resp: 381073
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.3
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 284.444 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

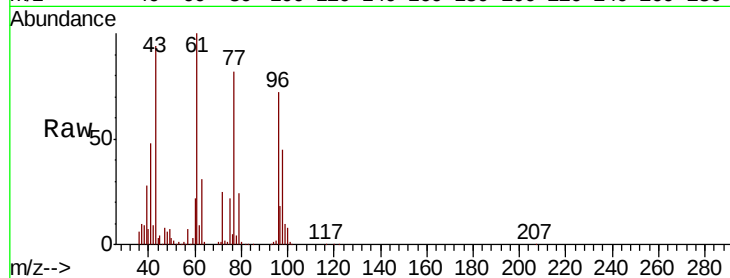
VSTDCCC050EC

Tot Ion: 43 Resp: 311179

Ion Ratio Lower Upper

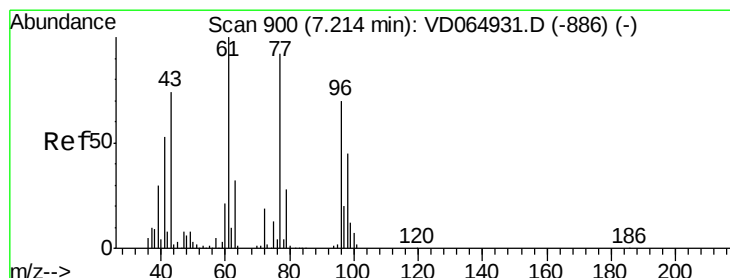
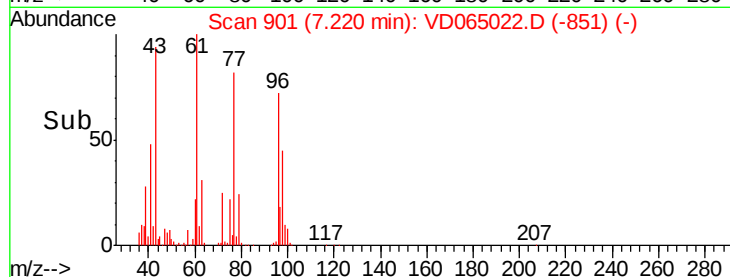
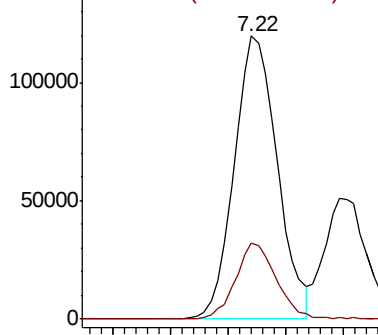
43 100

72 26.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.670 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065022.D

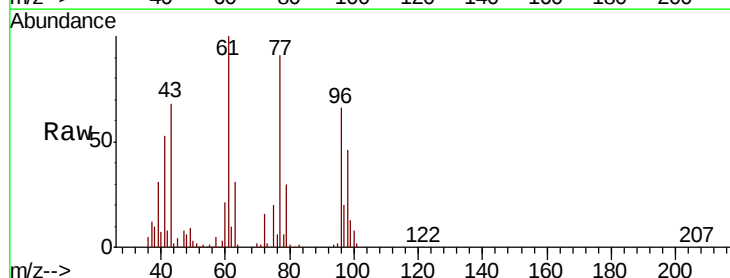
Acq: 30 Jan 2020 19:32

Tgt Ion: 77 Resp: 323098

Ion Ratio Lower Upper

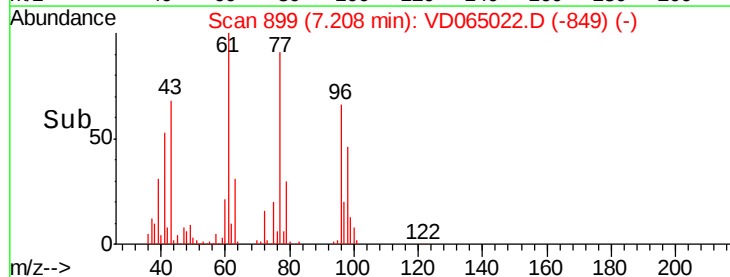
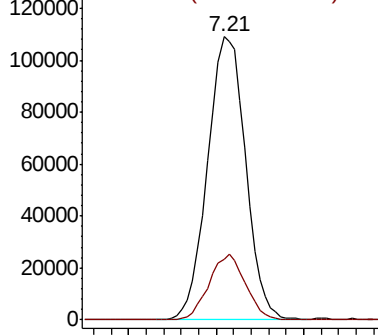
77 100

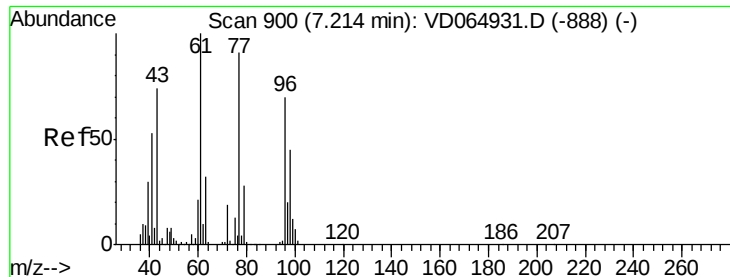
97 22.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



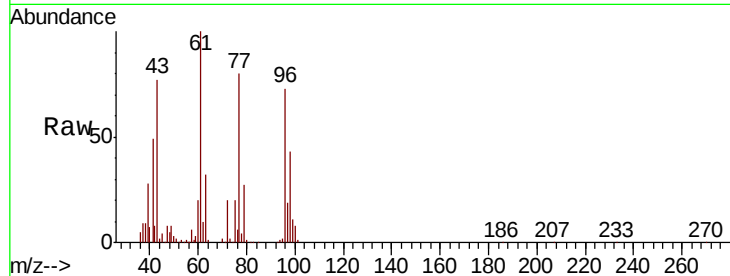


#27

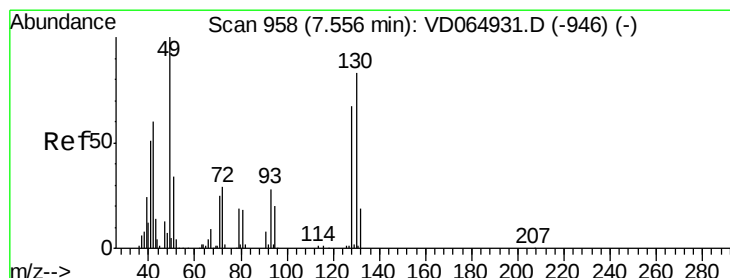
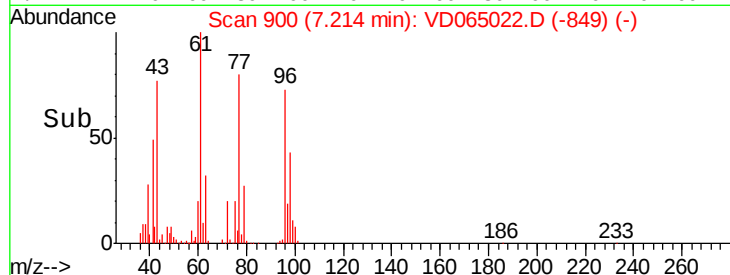
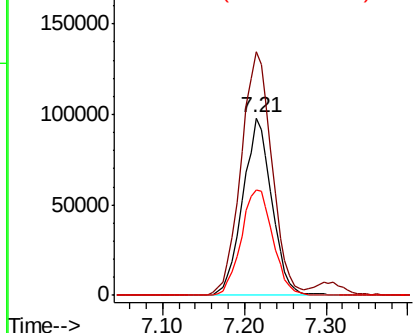
cis-1,2-Dichloroethene
 Concen: 53.709 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 242702
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 292.8
 98 64.8 0.0 130.0



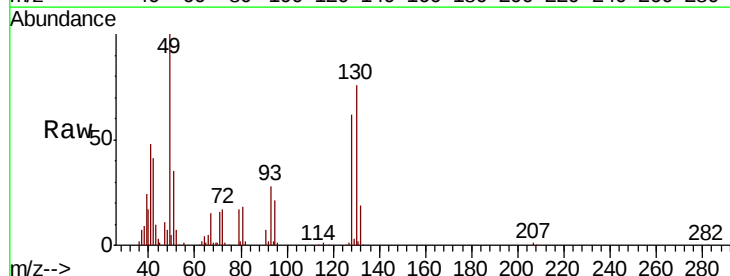
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



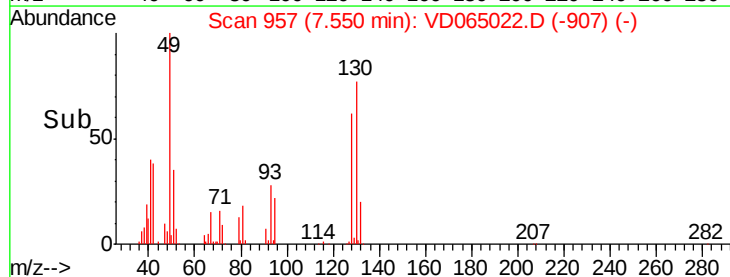
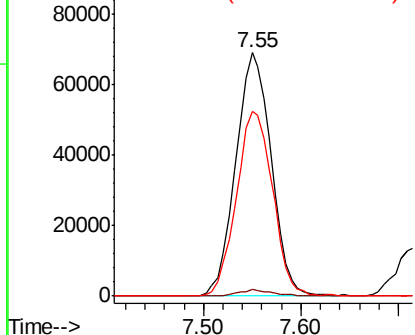
#28

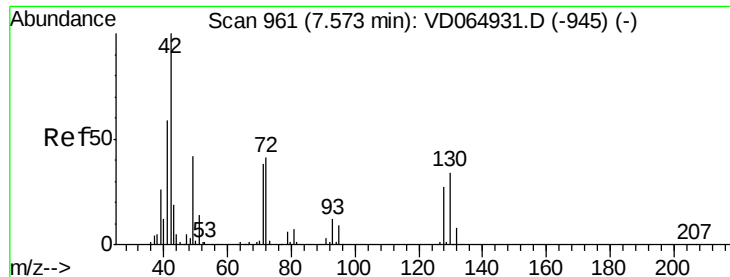
Bromochloromethane
 Concen: 60.980 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 49 Resp: 174895
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 77.6 63.8 95.8



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

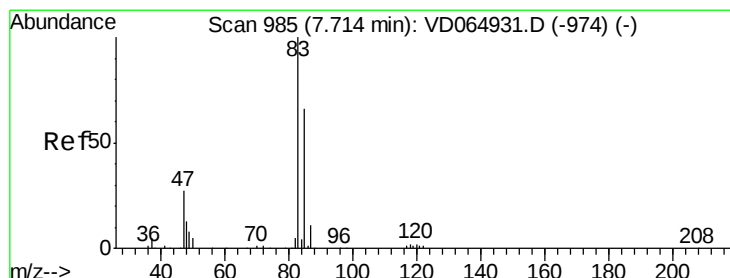
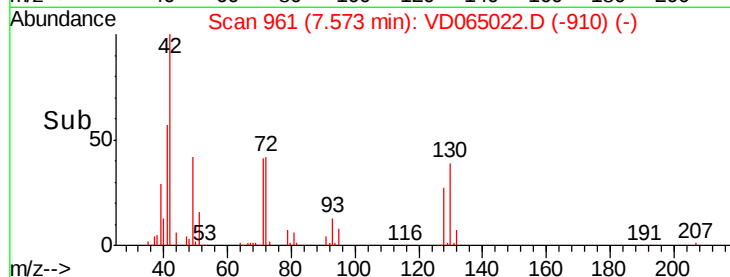
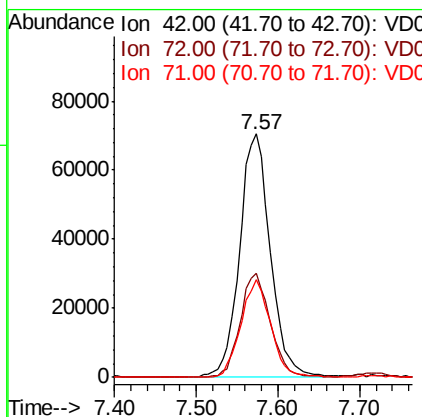
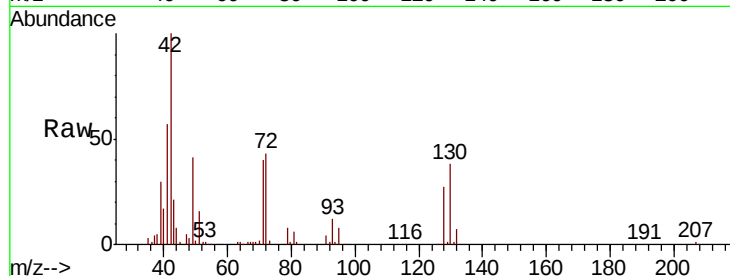




#29
Tetrahydrofuran
Concen: 273.948 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

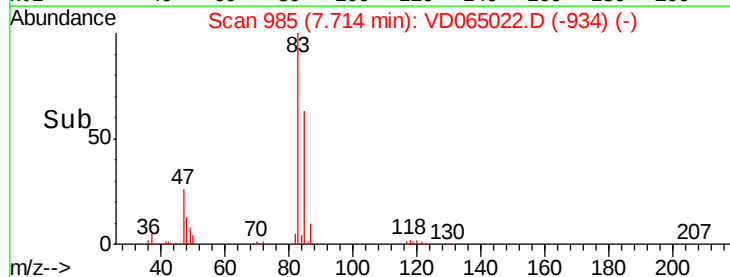
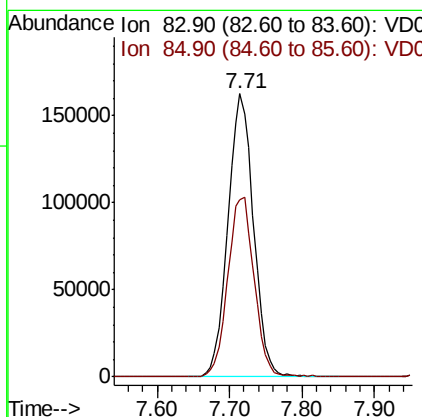
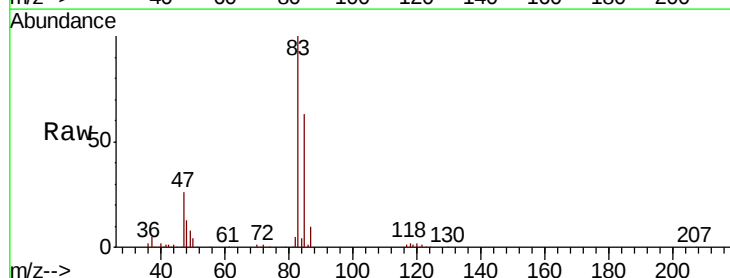
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

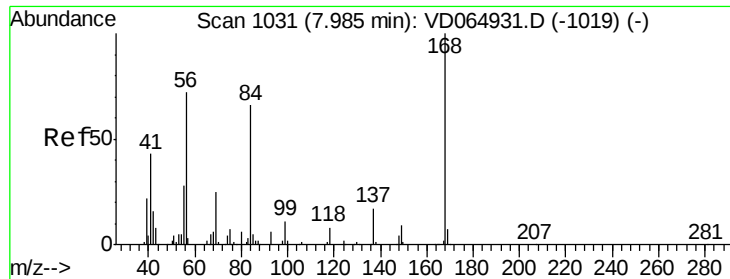
Tot Ion: 42 Resp: 184913
Ion Ratio Lower Upper
42 100
72 41.5 34.0 51.0
71 38.5 31.5 47.3



#30
Chloroform
Concen: 53.712 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 83 Resp: 398185
Ion Ratio Lower Upper
83 100
85 62.7 52.4 78.6

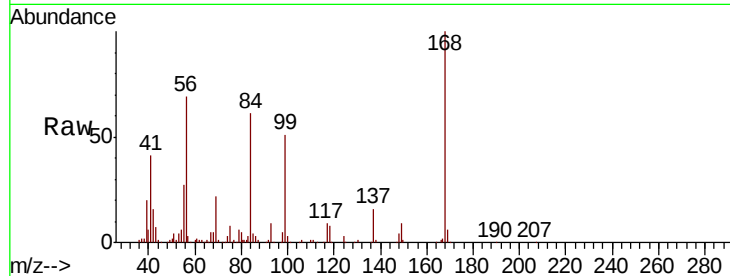




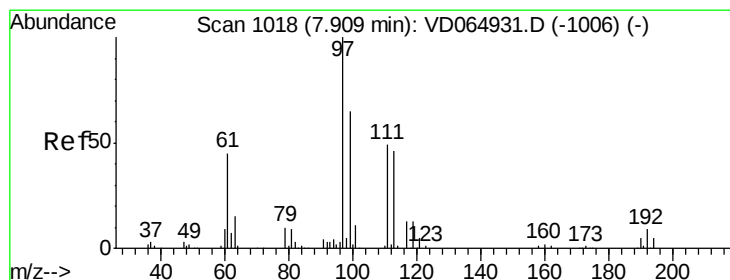
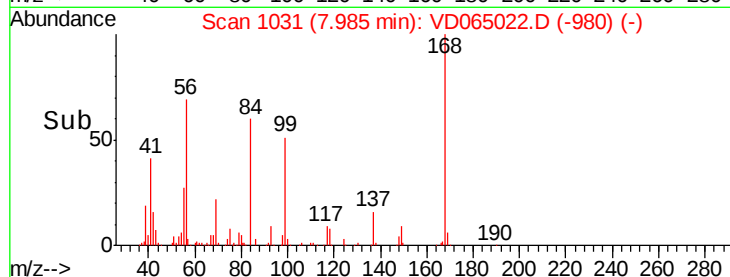
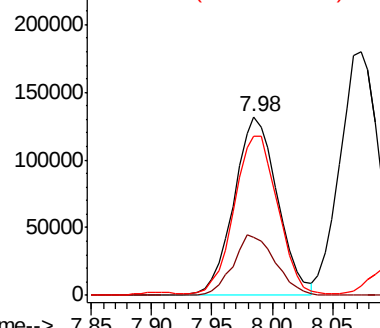
#31
Cyclohexane
Concen: 46.653 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 329134
Ion Ratio Lower Upper
56 100
69 32.5 27.9 41.9
84 86.9 72.8 109.2

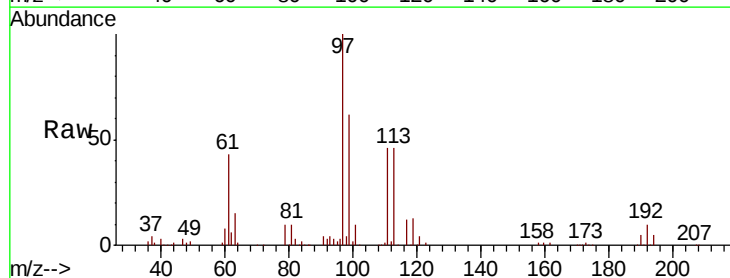


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

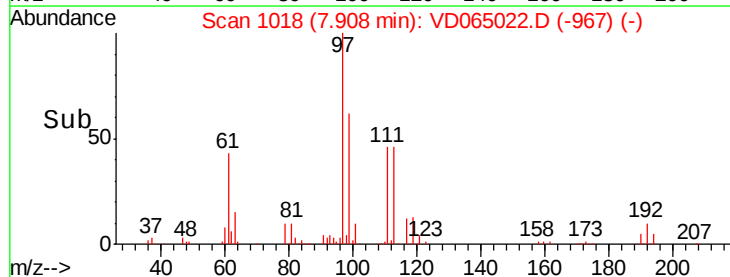
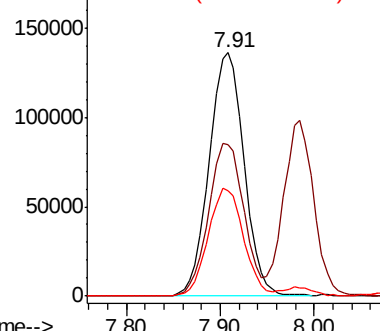


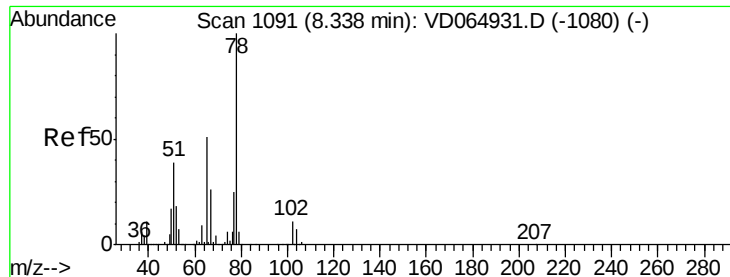
#32
1,1,1-Trichloroethane
Concen: 50.986 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 97 Resp: 351628
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 44.8 35.7 53.5



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: 51.655 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

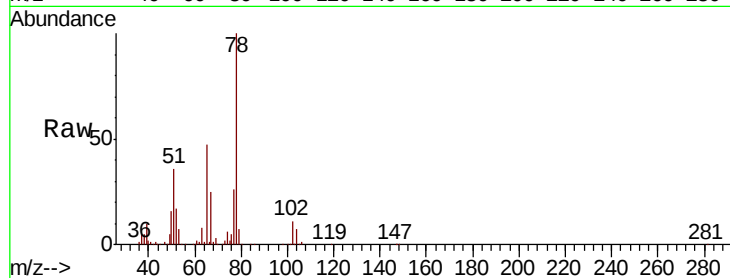
VSTDCCC050EC

Tot Ion: 65 Resp: 209169

Ion Ratio Lower Upper

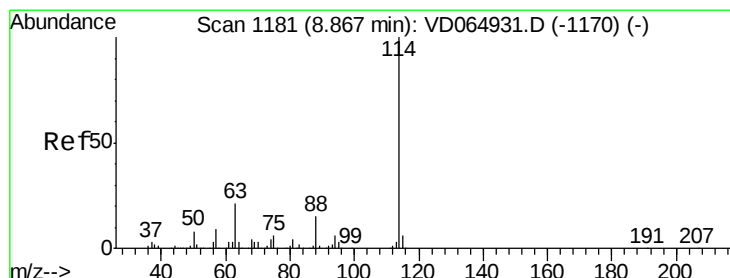
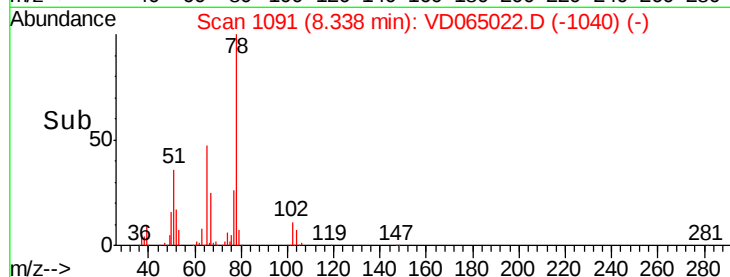
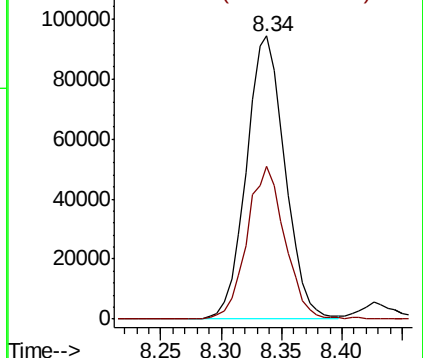
65 100

67 52.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

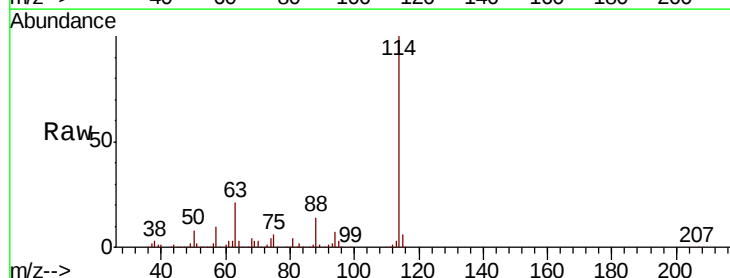
Tgt Ion: 114 Resp: 631541

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

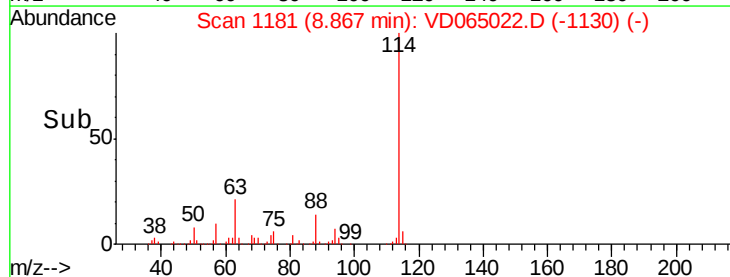
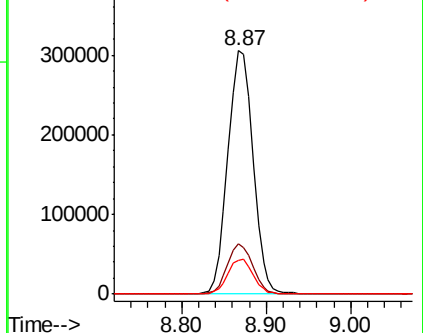
88 13.8 0.0 29.4

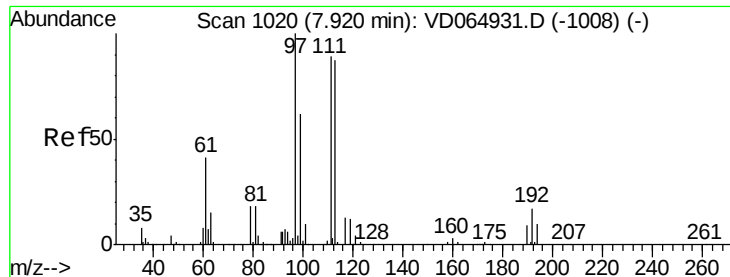


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

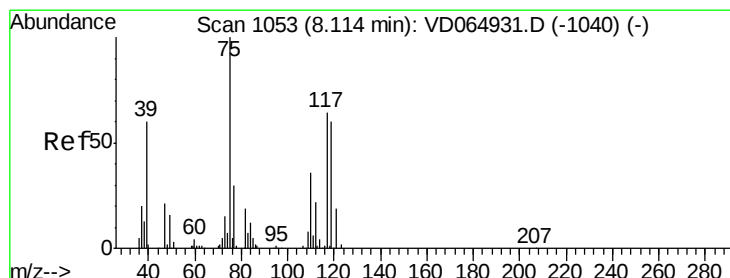
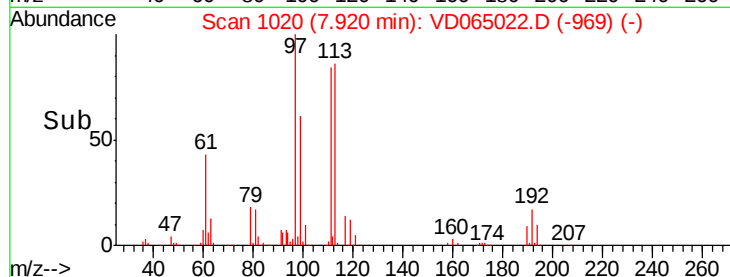
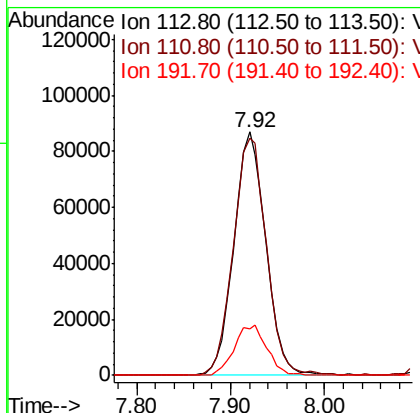
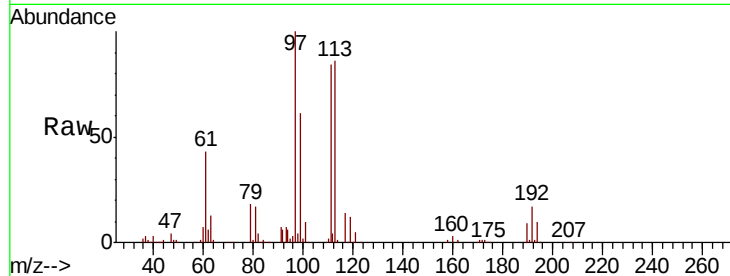




#35
 Dibromofluoromethane
 Concen: 51.458 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

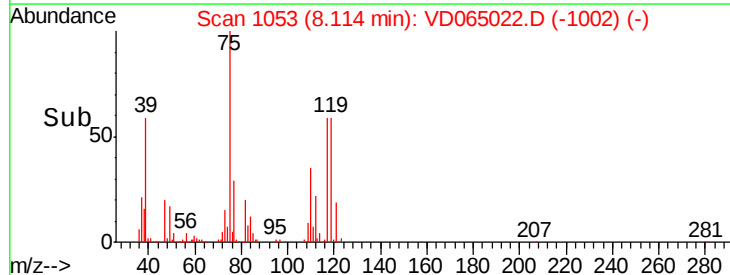
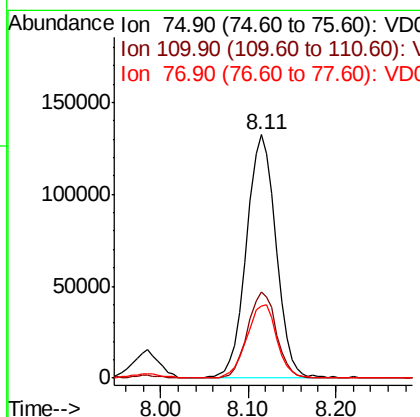
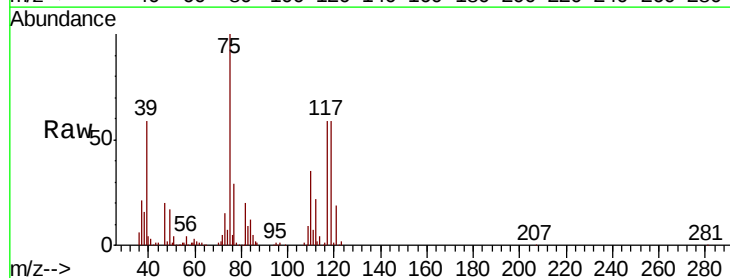
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

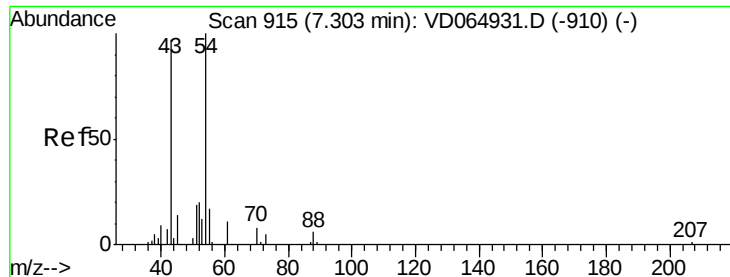
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	21.0	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 49.740 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	52.0
77	31.0	24.7	37.1

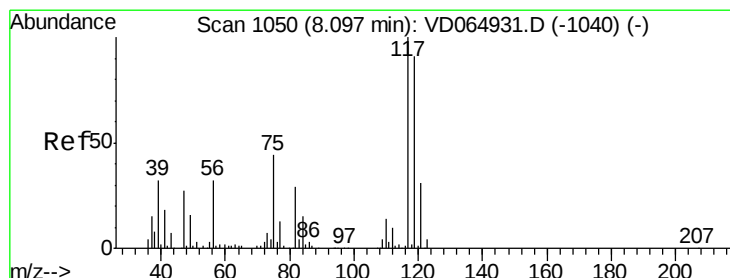
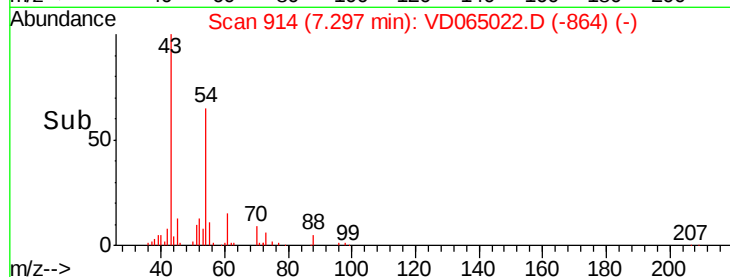
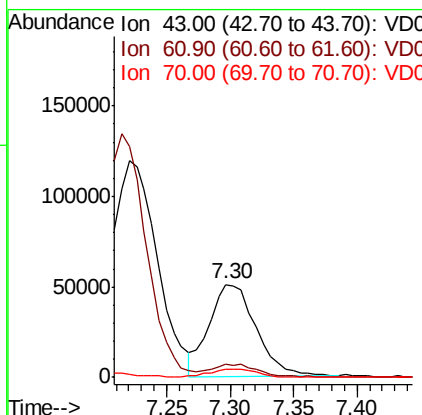
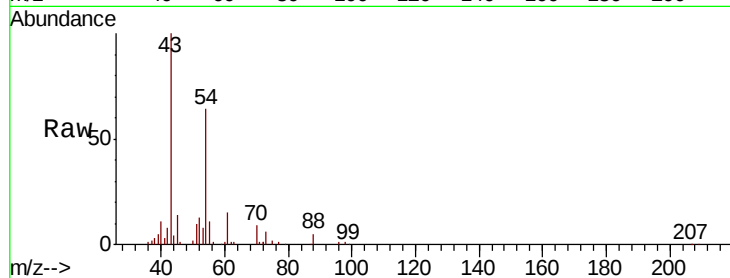




#37
Ethyl Acetate
Concen: 52.462 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

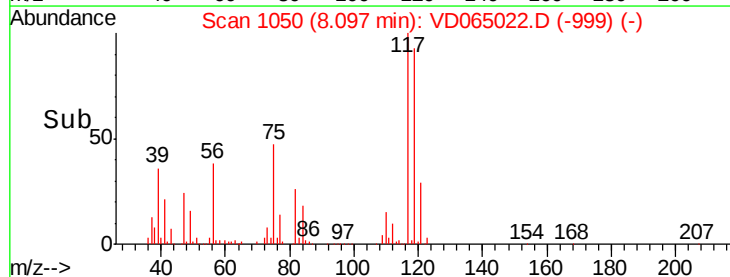
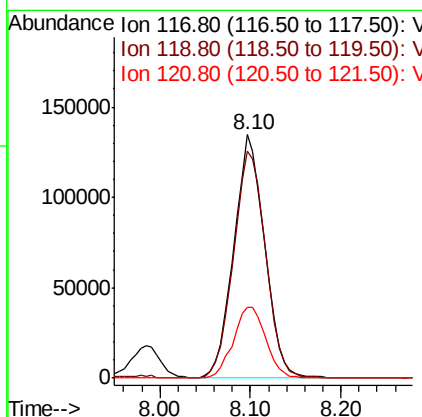
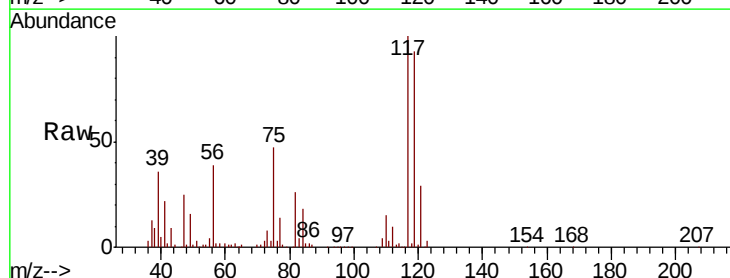
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

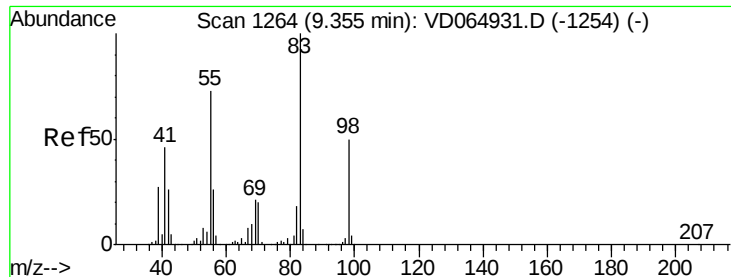
Tot Ion: 43 Resp: 131966
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 49.241 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 117 Resp: 316950
Ion Ratio Lower Upper
117 100
119 93.6 73.2 109.8
121 29.1 24.4 36.6

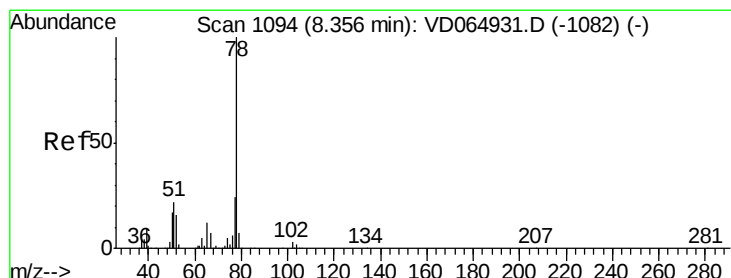
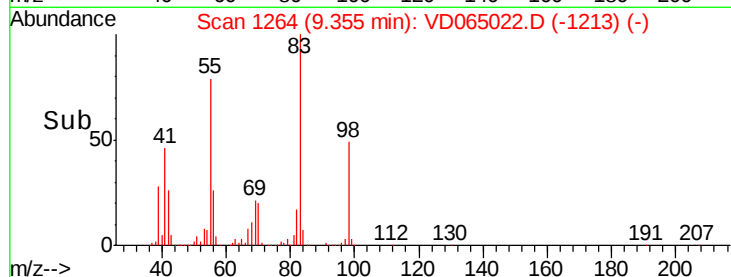
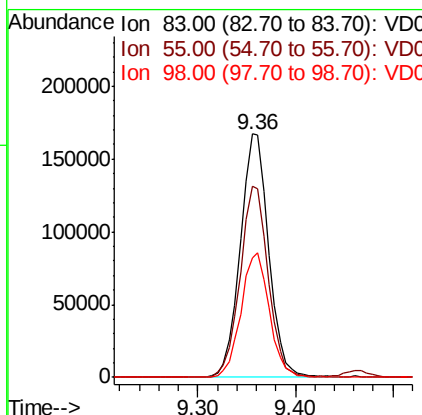
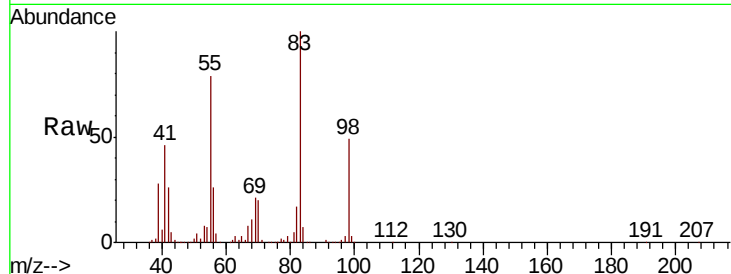




#39
Methvlcvclohexane
Concen: 47.837 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

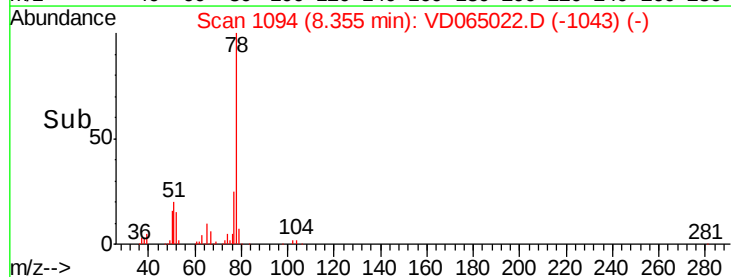
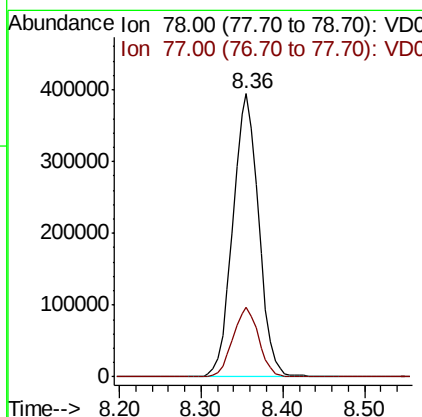
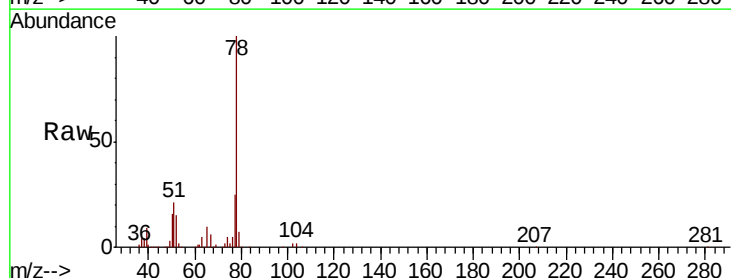
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

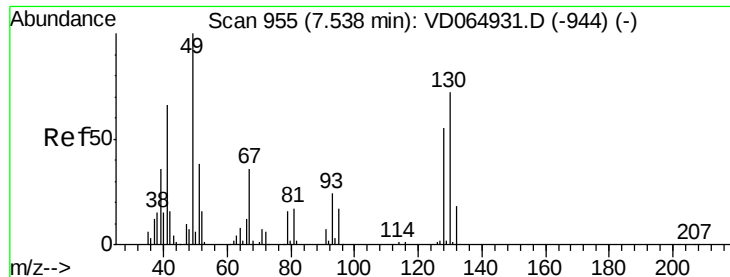
Tot Ion: 83 Resp: 340585
Ion Ratio Lower Upper
83 100
55 78.6 58.7 88.1
98 49.2 40.2 60.2



#40
Benzene
Concen: 51.726 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 78 Resp: 867556
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8





#41

Methacrylonitrile

Concen: 52.275 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 70836

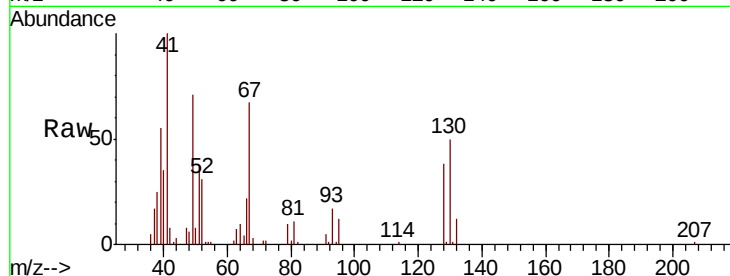
Ion Ratio Lower Upper

41 100

39 57.0 49.3 73.9

67 74.8 51.0 76.6

52 34.2 22.3 33.5#

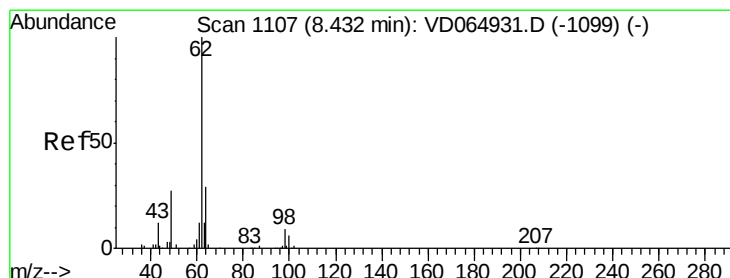
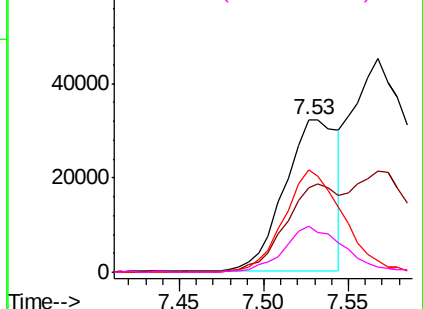
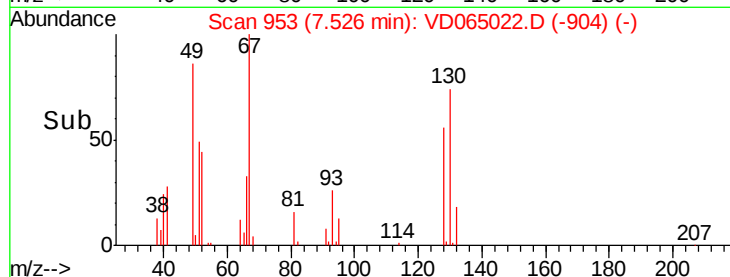


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.745 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD065022.D

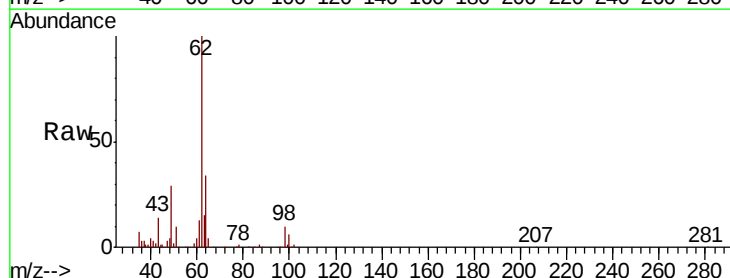
Acq: 30 Jan 2020 19:32

Tgt Ion: 62 Resp: 263524

Ion Ratio Lower Upper

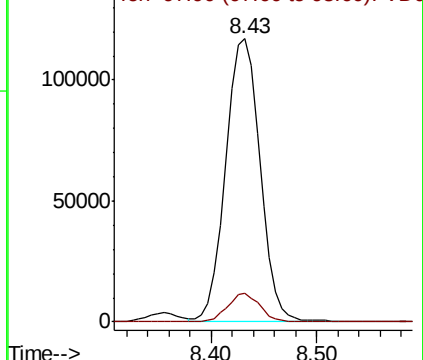
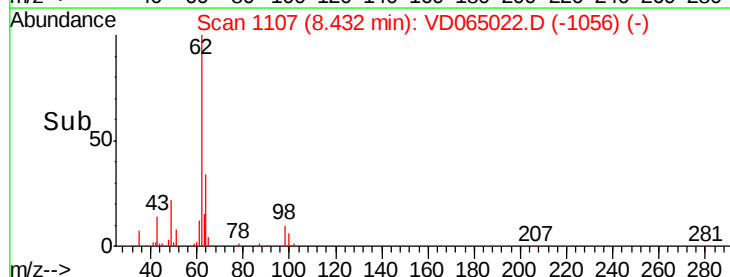
62 100

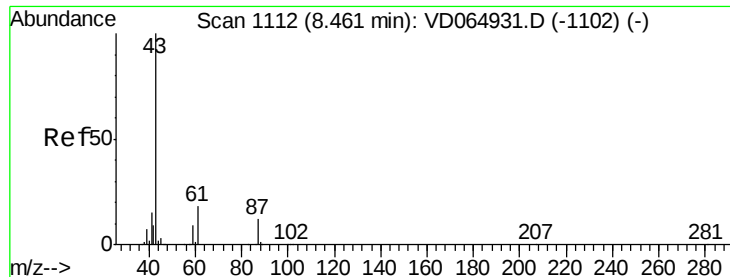
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.036 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

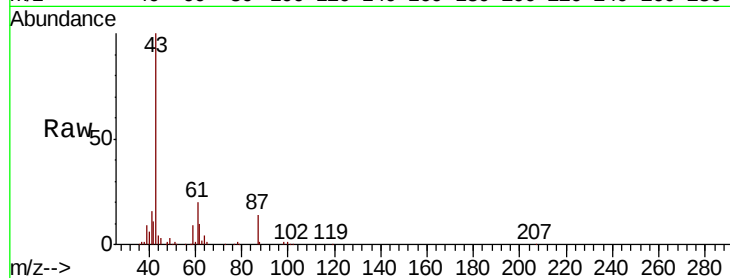
Tot Ion: 43 Resp: 253418

Ion Ratio Lower Upper

43 100

61 29.2 23.8 35.6

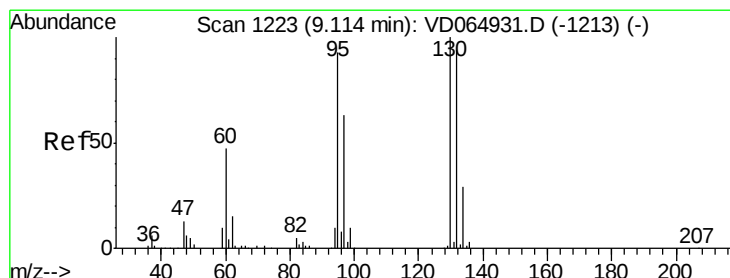
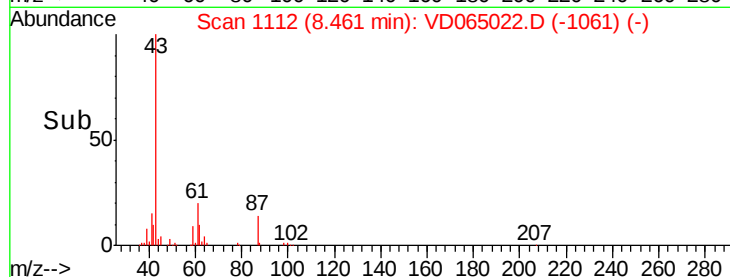
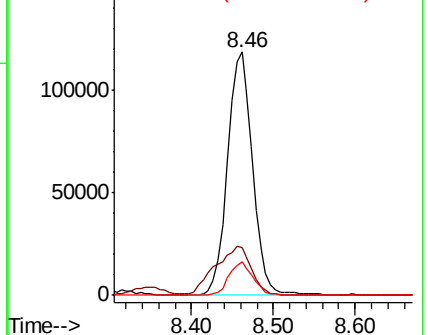
87 13.1 10.3 15.5



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: 50.304 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065022.D

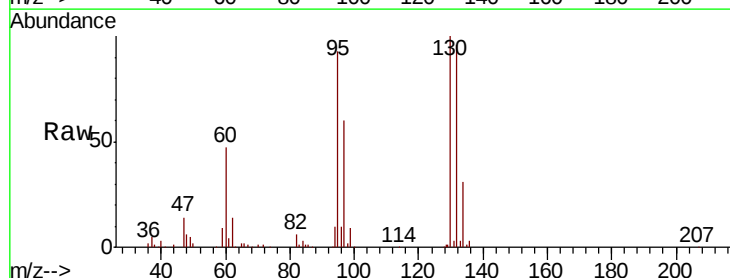
Acq: 30 Jan 2020 19:32

Tgt Ion:130 Resp: 236131

Ion Ratio Lower Upper

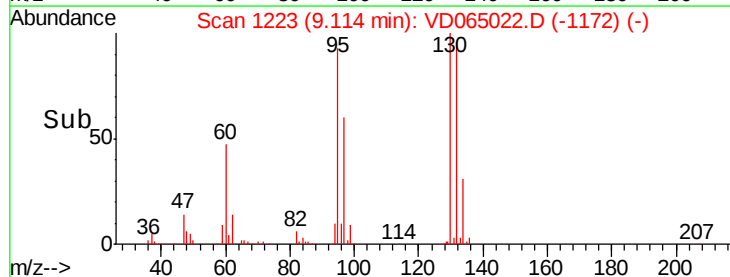
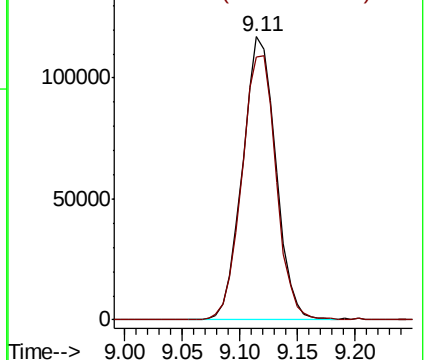
130 100

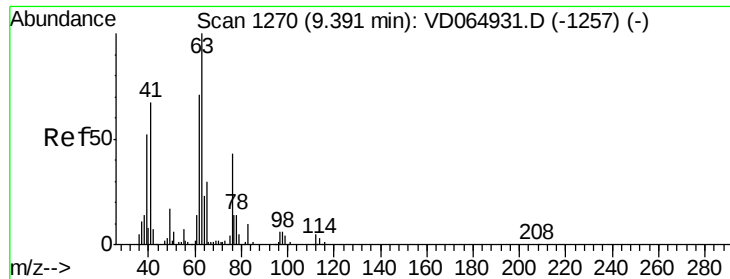
95 92.9 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

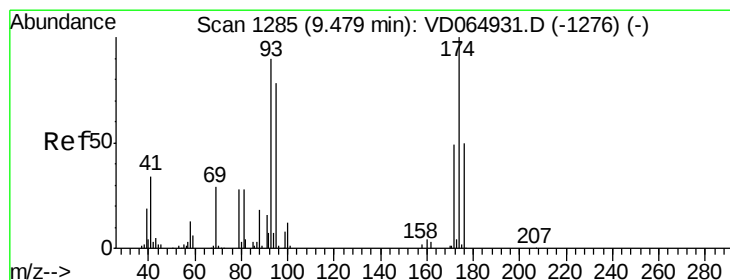
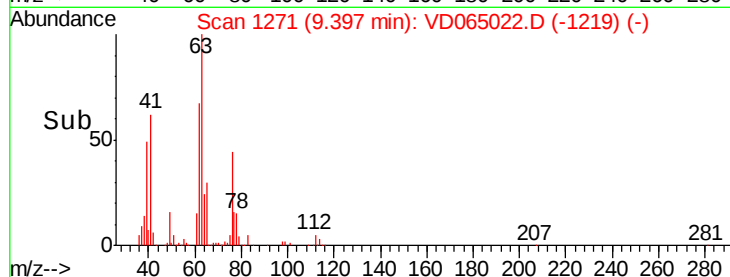
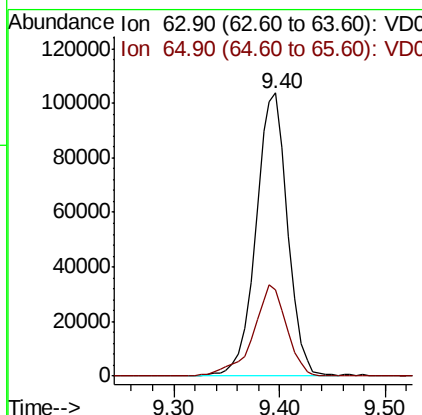
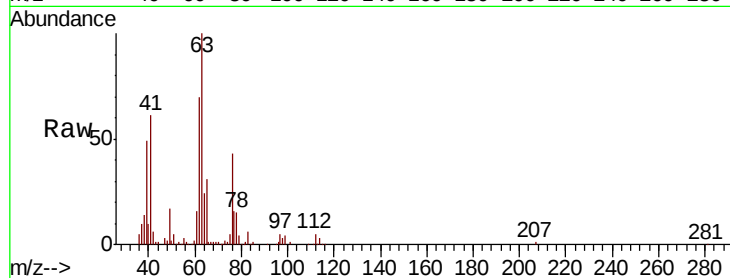




#45
 1,2-Dichloropropane
 Concen: 52.922 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

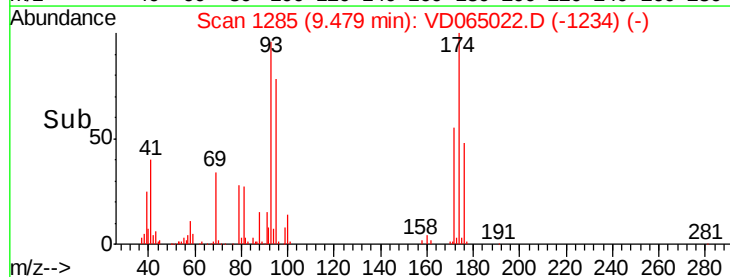
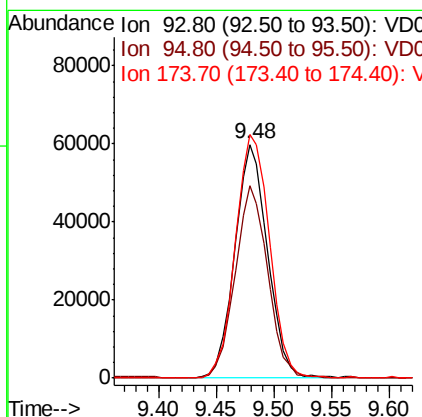
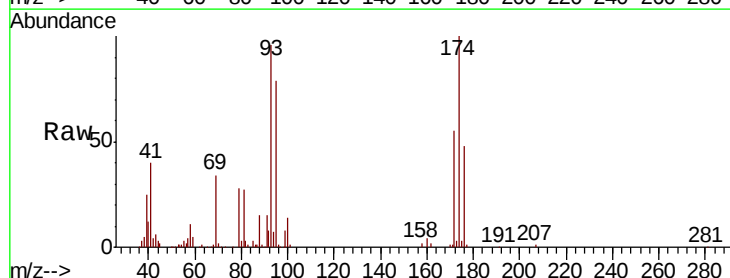
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

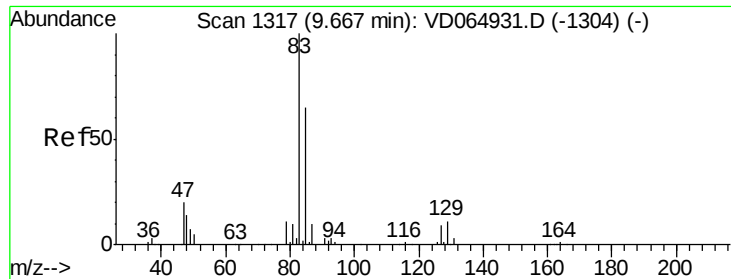
Tot Ion: 63 Resp: 215179
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 52.926 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 93 Resp: 117487
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.5 101.3
 174 108.9 88.4 132.6





#47

Bromodichloromethane

Concen: 54.378 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

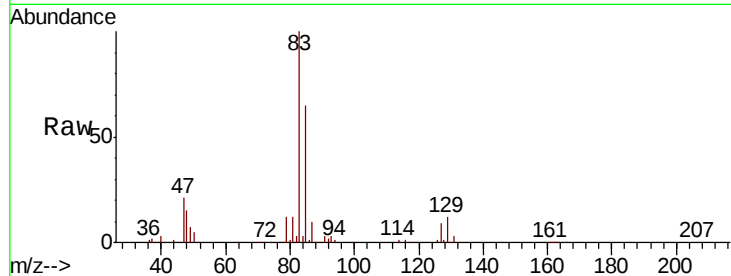
Tot Ion: 83 Resp: 314102

Ion Ratio Lower Upper

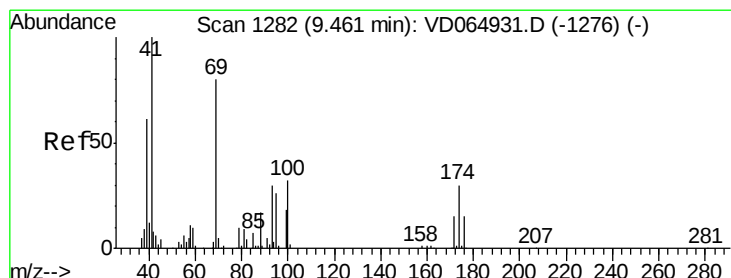
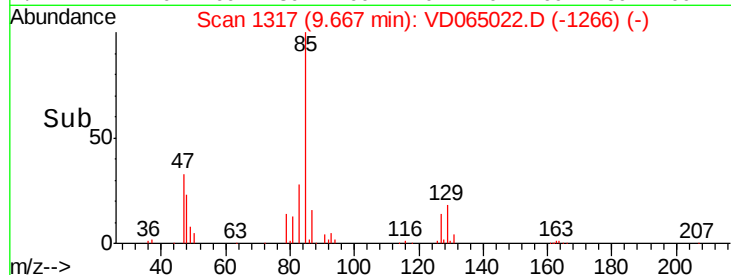
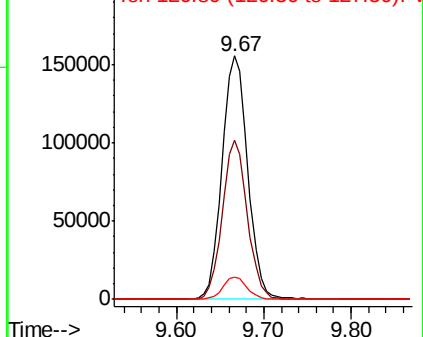
83 100

85 65.3 52.0 78.0

127 9.2 7.3 10.9



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: 53.348 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

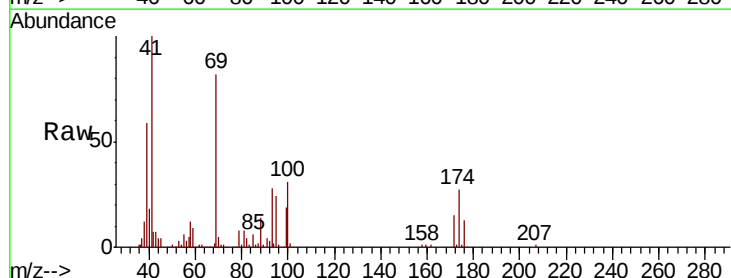
Tgt Ion: 41 Resp: 117304

Ion Ratio Lower Upper

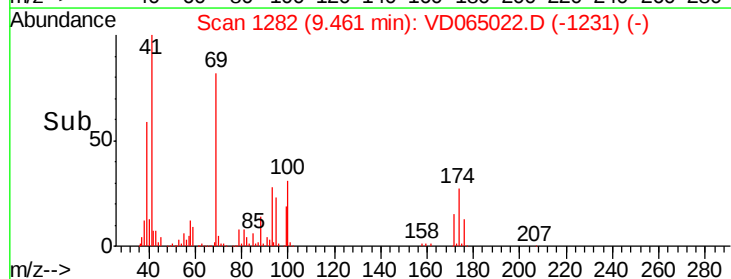
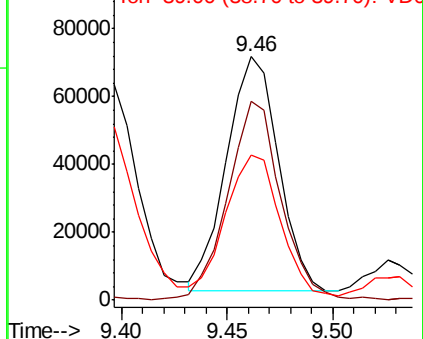
41 100

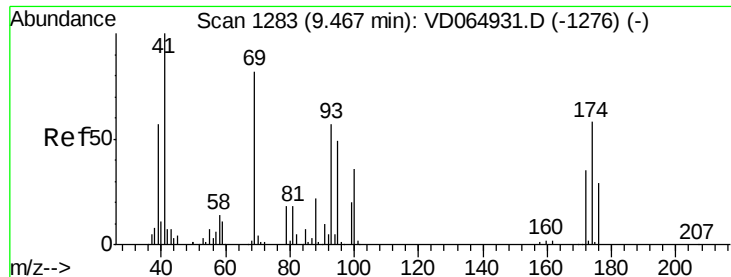
69 88.1 65.8 98.8

39 67.1 49.4 74.0



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: 981.415 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

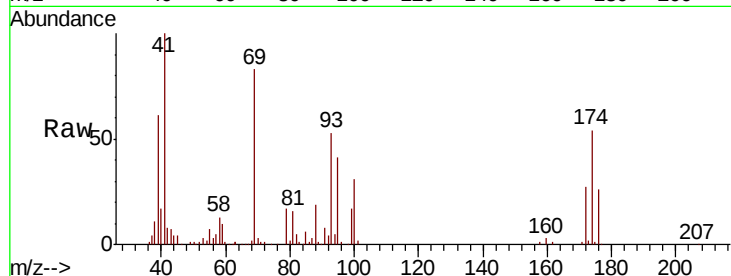
Tot Ion: 88 Resp: 25267

Ion Ratio Lower Upper

88 100

43 40.1 26.2 39.4#

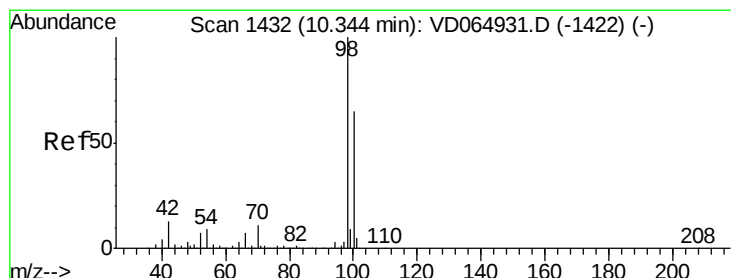
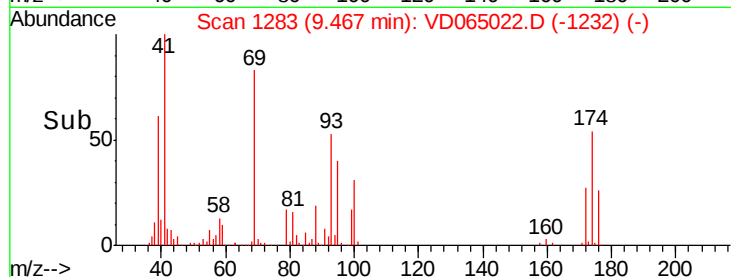
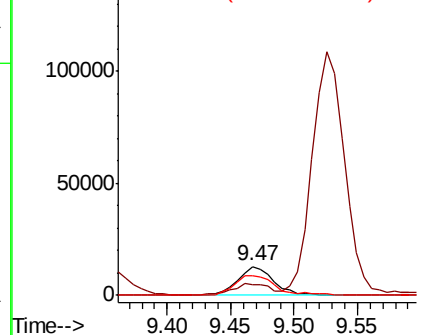
58 78.0 50.3 75.5#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.966 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065022.D

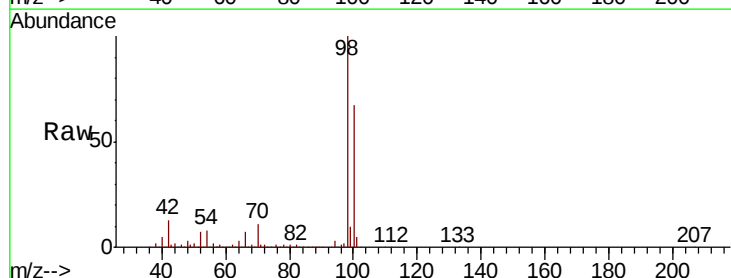
Acq: 30 Jan 2020 19:32

Tgt Ion: 98 Resp: 765358

Ion Ratio Lower Upper

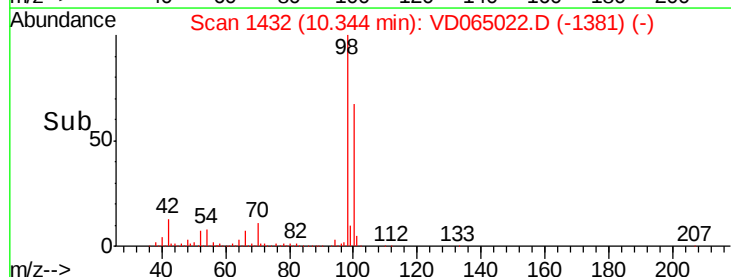
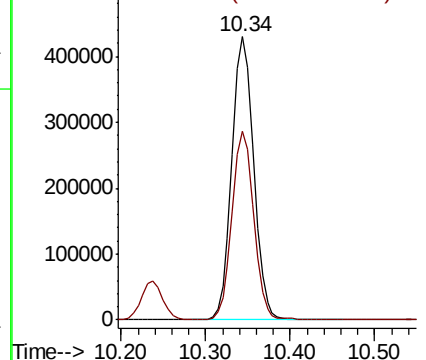
98 100

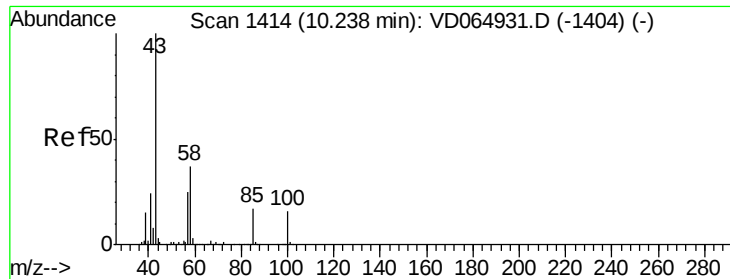
100 65.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 275.836 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

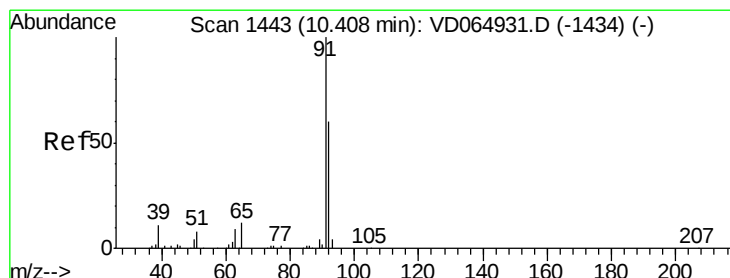
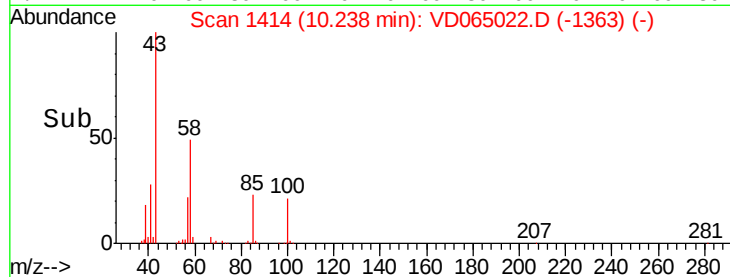
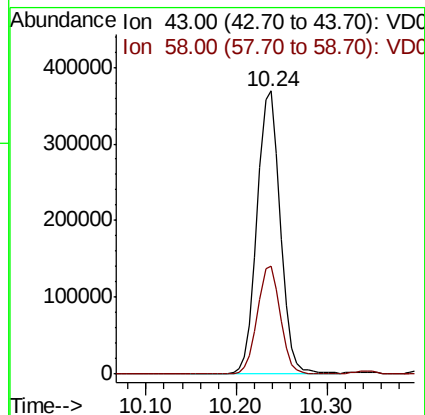
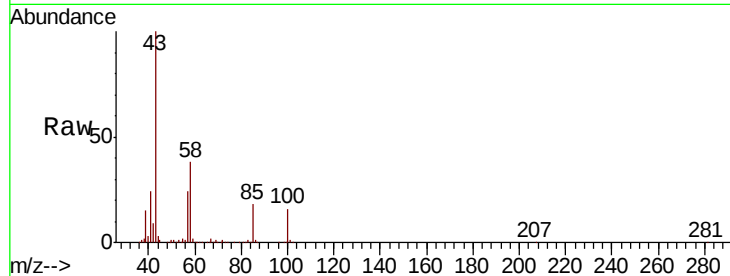
VSTDCCC050EC

Tot Ion: 43 Resp: 659479

Ion Ratio Lower Upper

43 100

58 37.7 30.4 45.6



#52

Toluene

Concen: 51.488 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065022.D

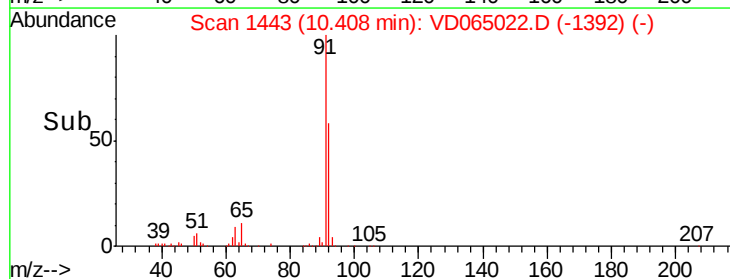
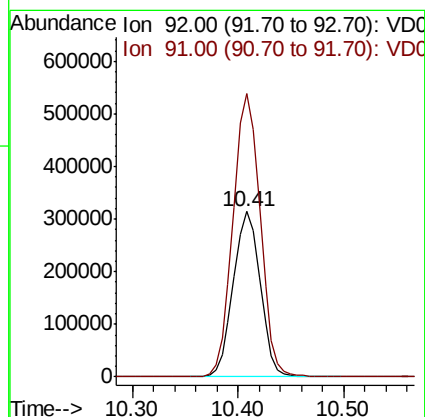
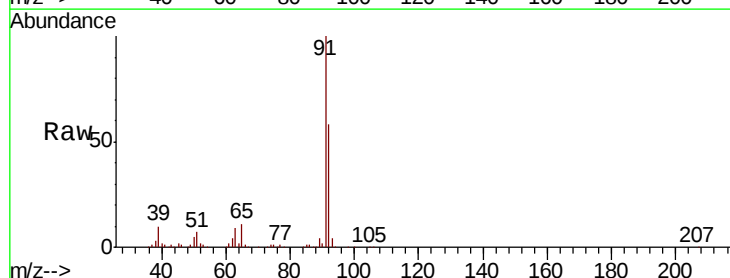
Acq: 30 Jan 2020 19:32

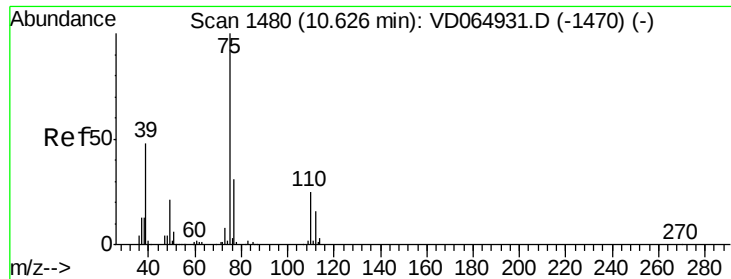
Tgt Ion: 92 Resp: 556770

Ion Ratio Lower Upper

92 100

91 172.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 53.687 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

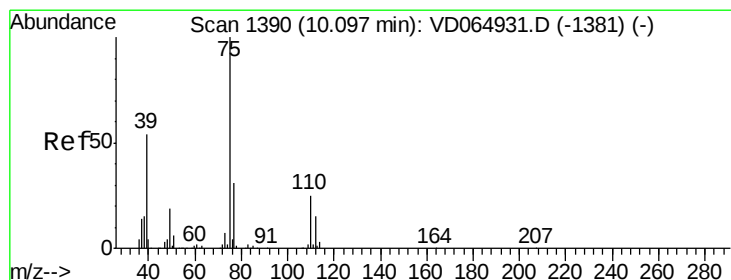
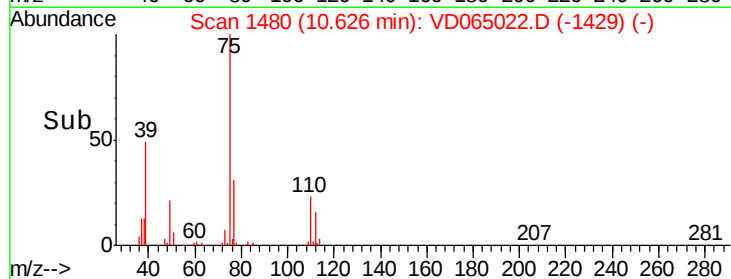
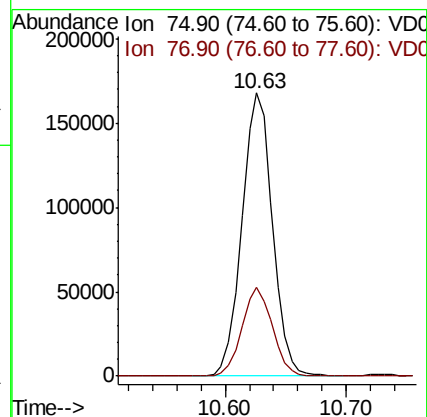
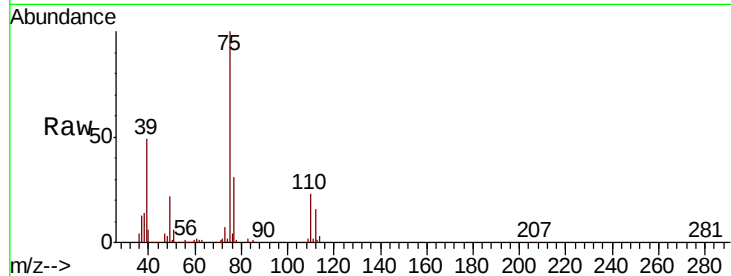
VSTDCCC050EC

Tot Ion: 75 Resp: 295396

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.496 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

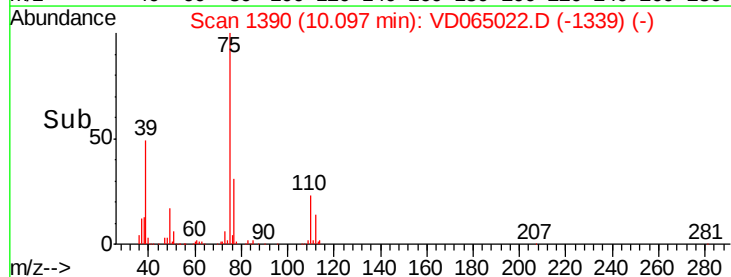
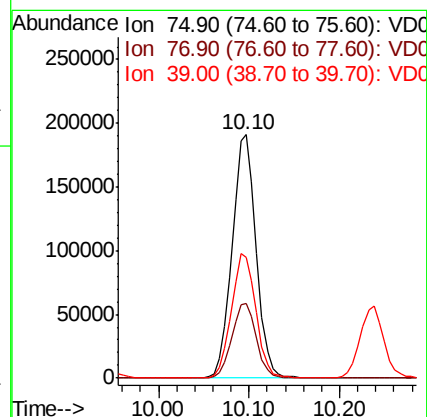
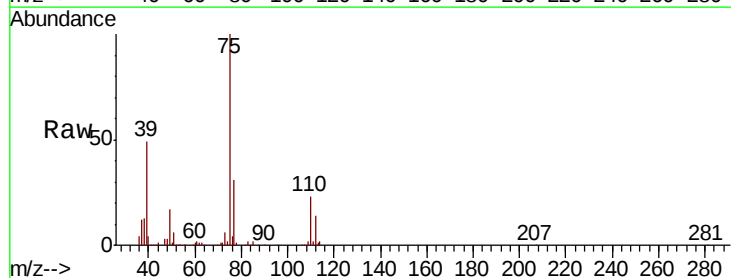
Tgt Ion: 75 Resp: 351066

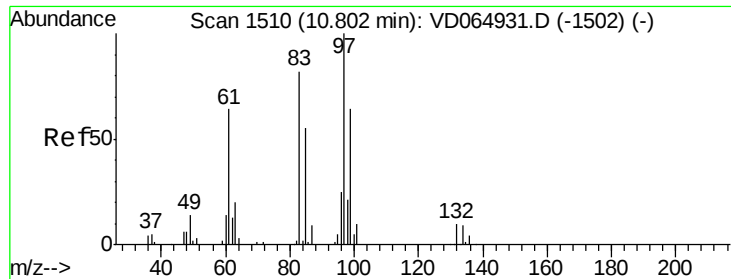
Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 49.4 43.0 64.6

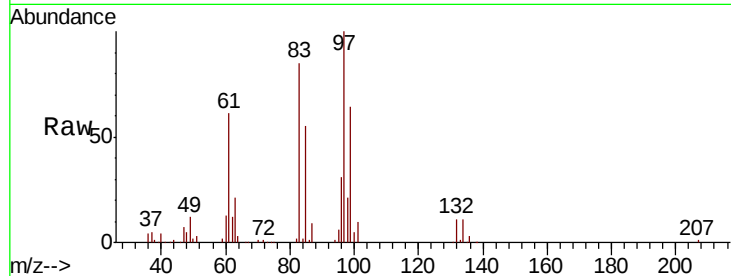




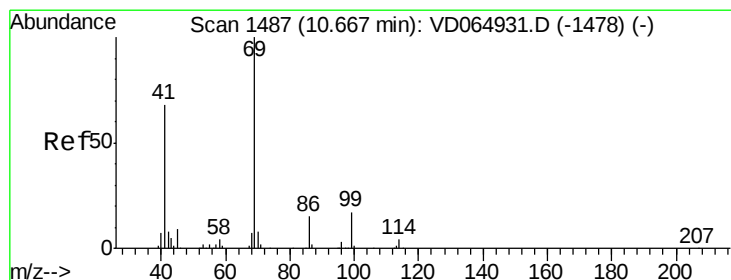
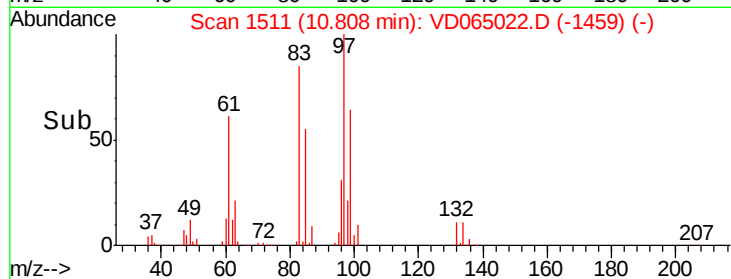
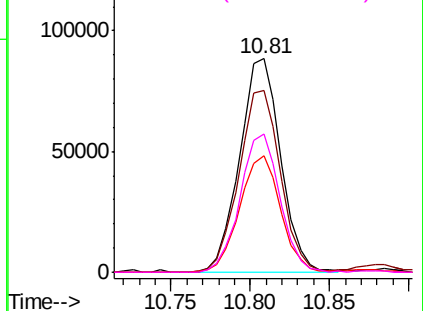
#55
 1,1,2-Trichloroethane
 Concen: 53.316 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	159424
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.0	99.0
85	54.6	44.4	66.6
99	64.2	51.4	77.0

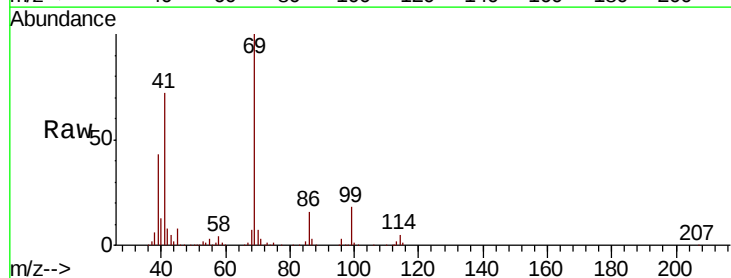


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

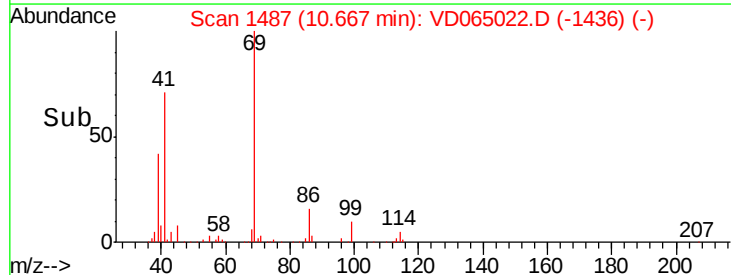
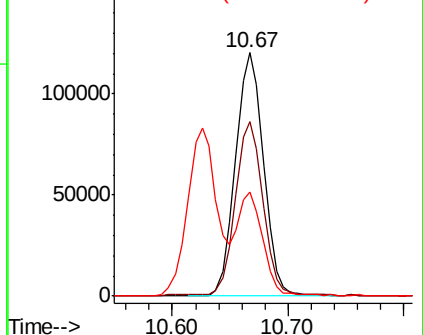


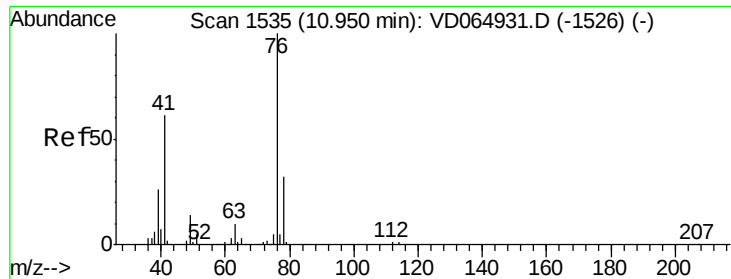
#56
 Ethyl methacrylate
 Concen: 56.714 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion:	69	Resp:	202791
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.4	84.6
39	37.9	30.6	46.0



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: 54.483 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

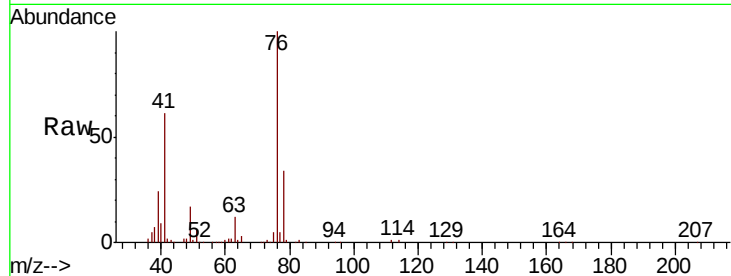
VSTDCCC050EC

Tot Ion: 76 Resp: 279422

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.96

150000

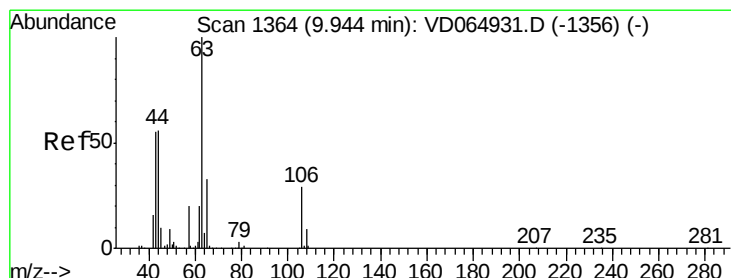
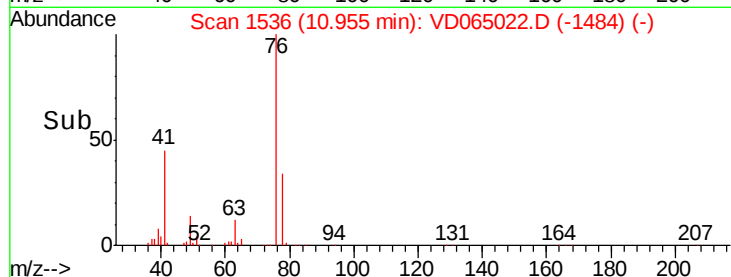
100000

50000

0

Time-->

10.90 11.00 11.10



#58

2-Chloroethyl Vinyl ether

Concen: 268.146 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD065022.D

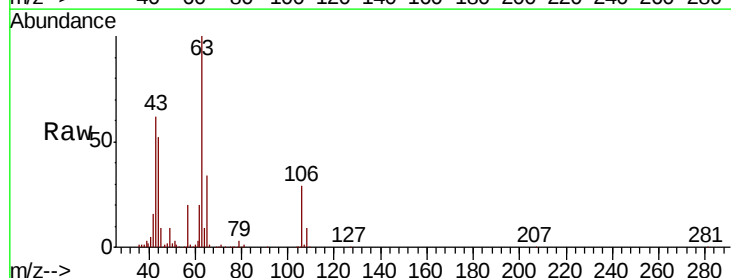
Acq: 30 Jan 2020 19:32

Tgt Ion: 63 Resp: 318538

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.95

200000

150000

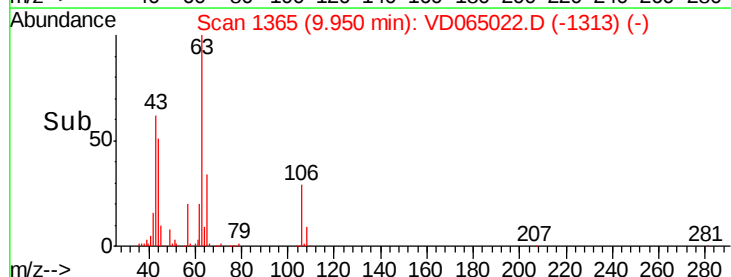
100000

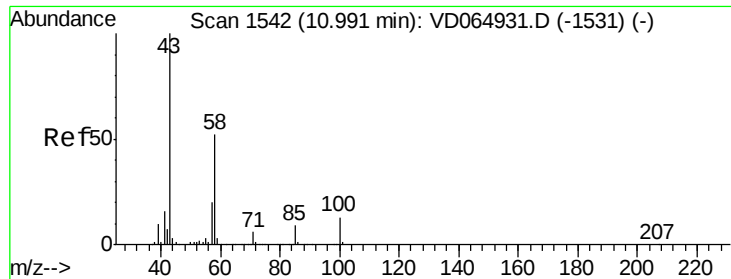
50000

0

Time-->

9.90 10.00 10.10

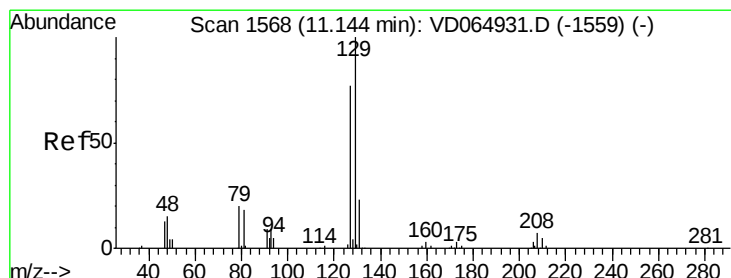
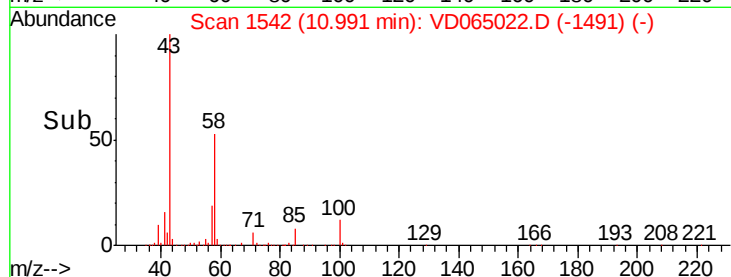
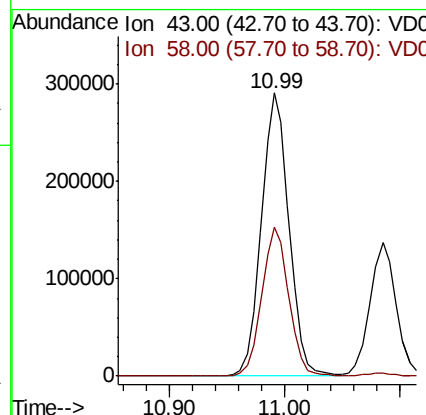
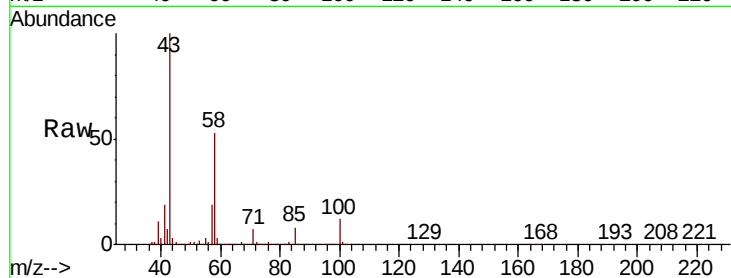




#59
2-Hexanone
Concen: 293.674 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

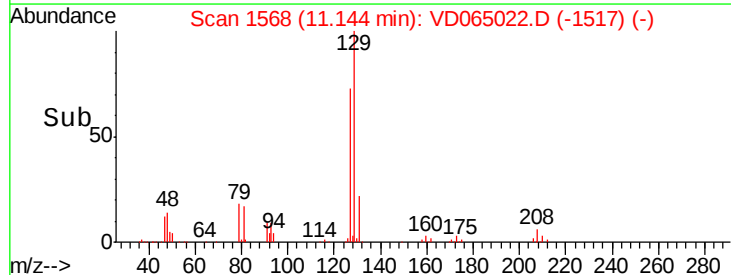
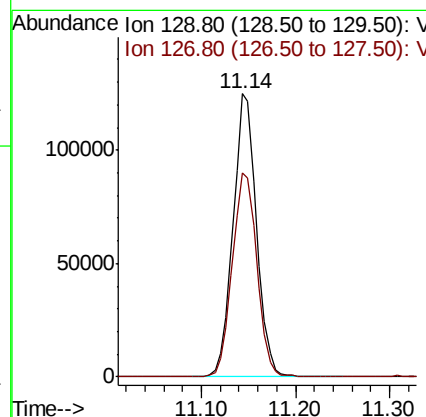
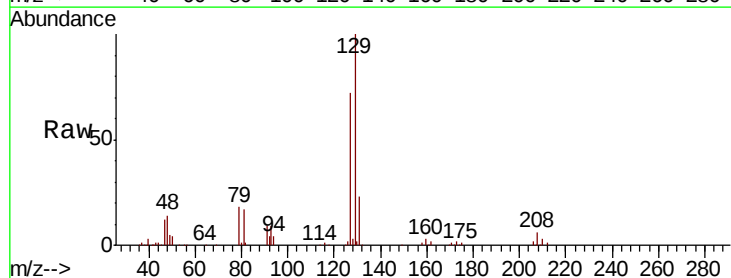
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

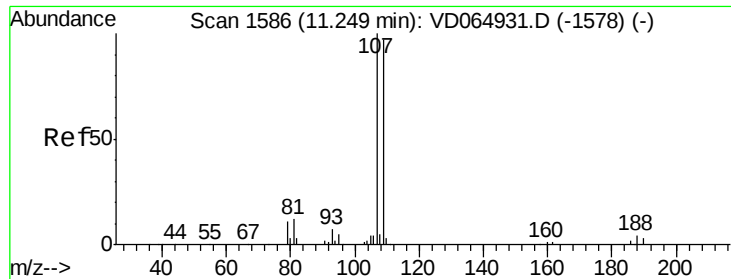
Tot Ion: 43 Resp: 484306
Ion Ratio Lower Upper
43 100
58 51.5 26.5 79.4



#60
Dibromochloromethane
Concen: 54.003 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 129 Resp: 215824
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6

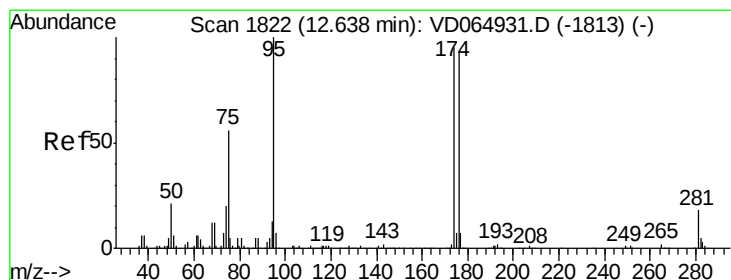
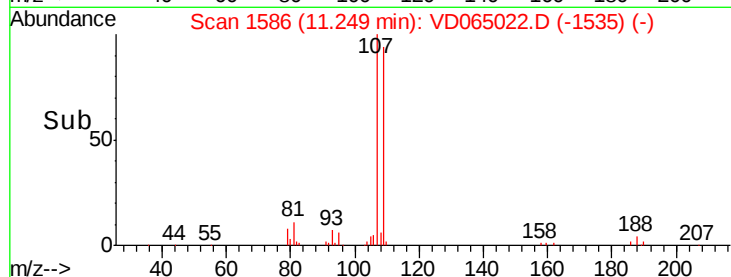
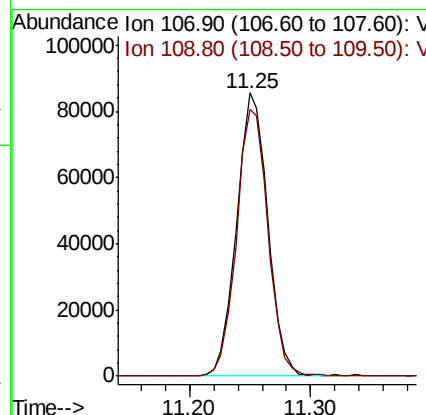
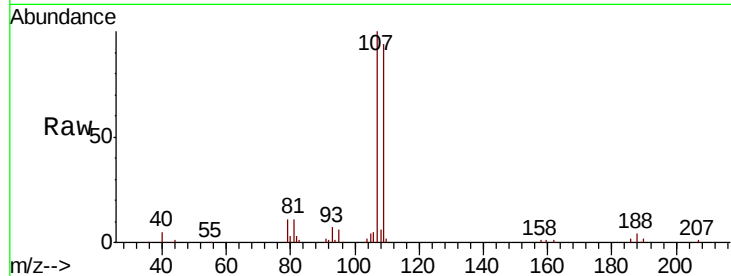




#61
 1,2-Dibromoethane
 Concen: 53.517 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

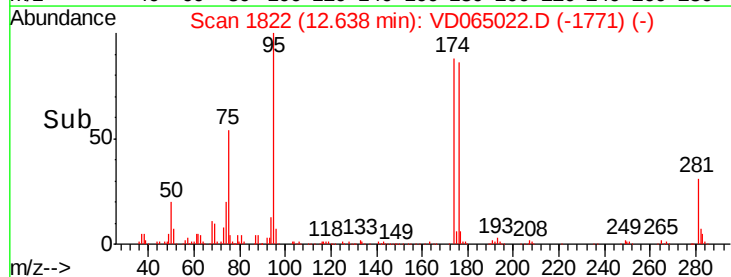
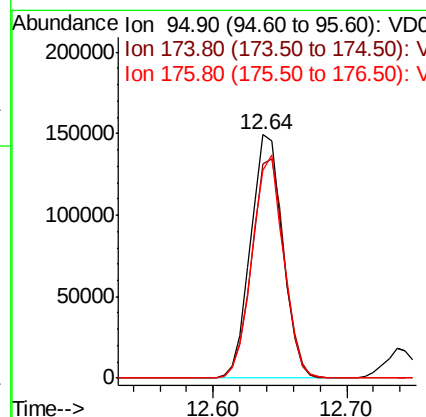
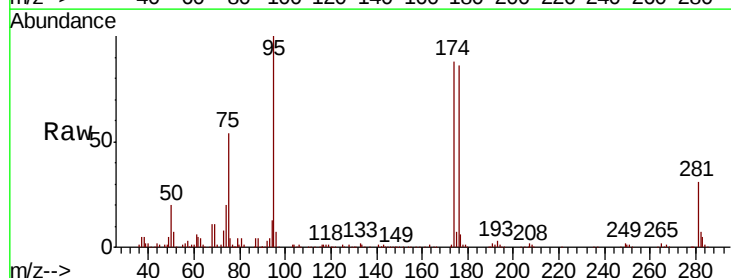
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

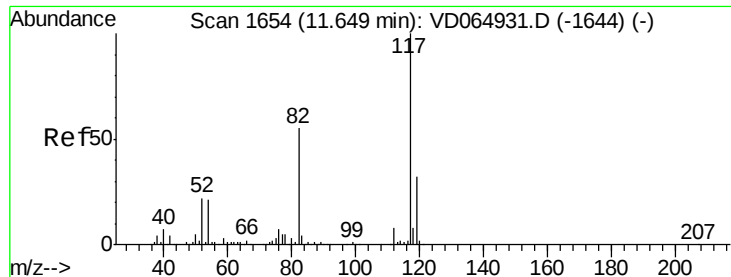
Tot Ion:107 Resp: 154086
 Ion Ratio Lower Upper
 107 100
 109 94.6 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 52.677 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 95 Resp: 246926
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 186.8
 176 89.7 0.0 183.4

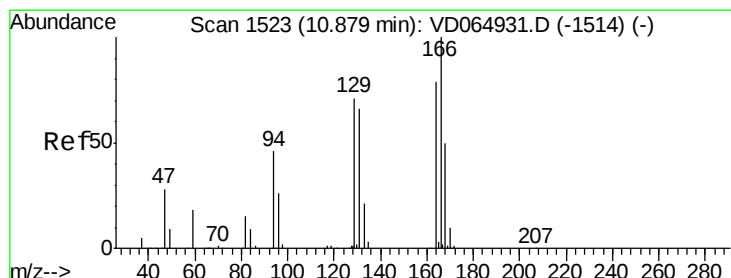
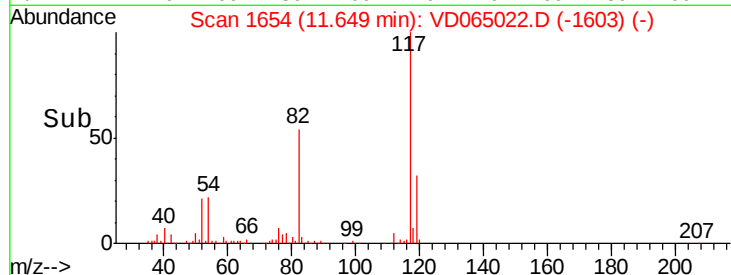
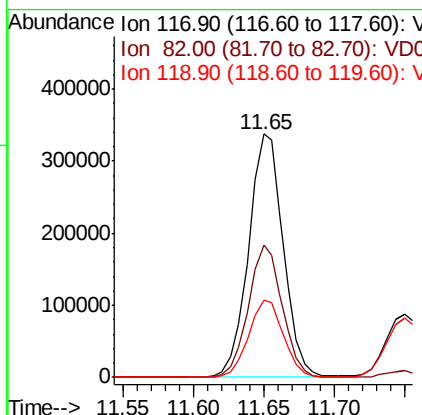
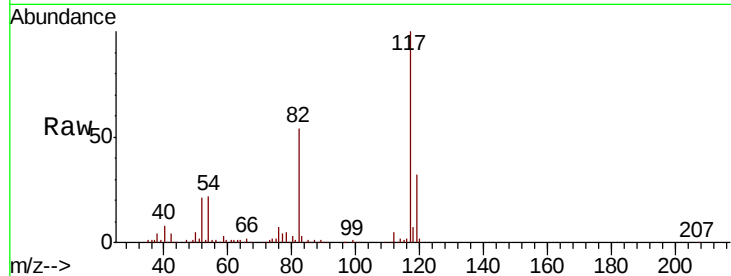




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

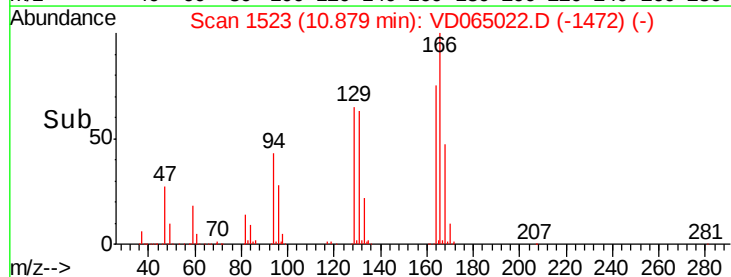
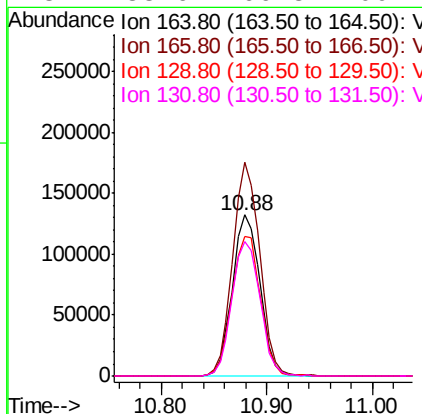
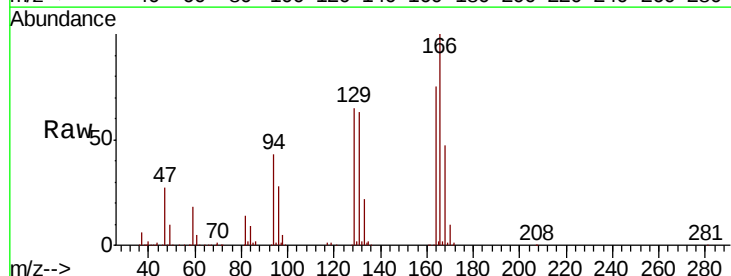
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

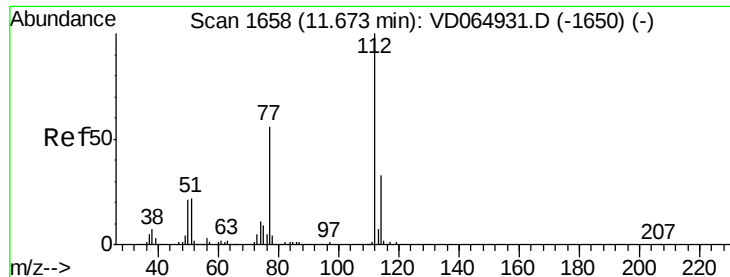
Tot Ion:117 Resp: 581835
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 56.929 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:164 Resp: 239359
Ion Ratio Lower Upper
164 100
166 132.9 101.4 152.2
129 86.7 71.8 107.8
131 83.6 66.8 100.2

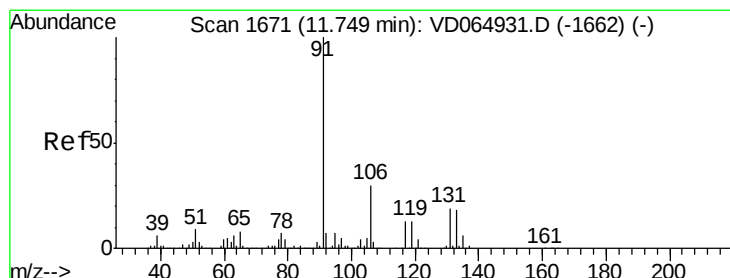
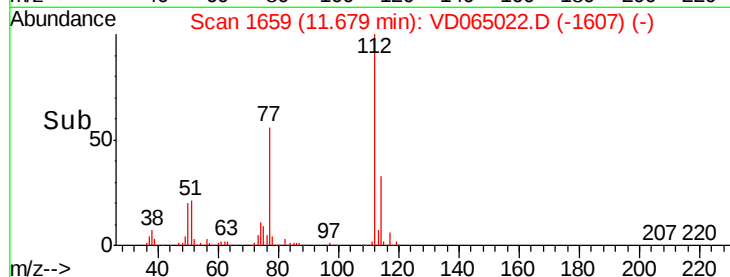
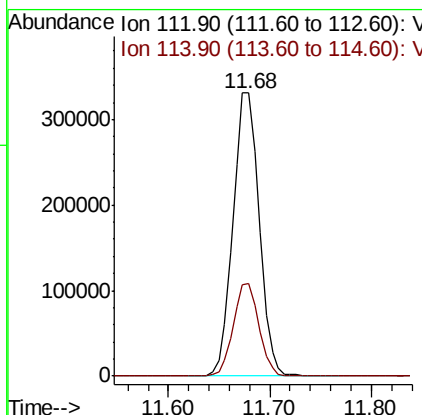
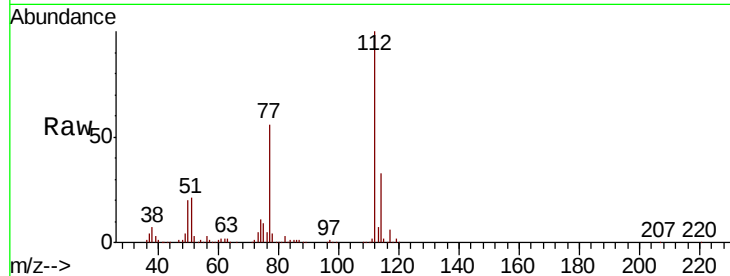




#65
Chlorobenzene
Concen: 50.343 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

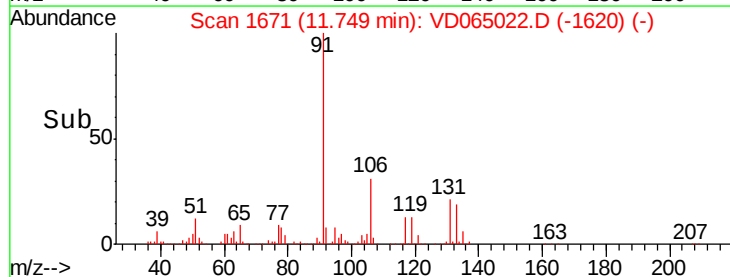
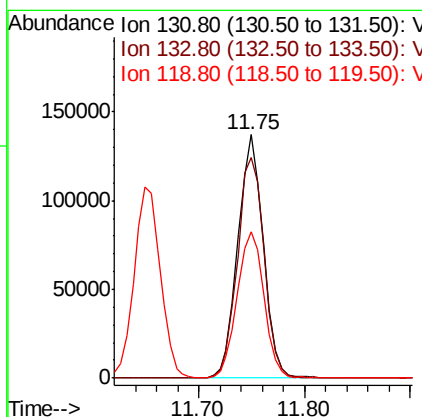
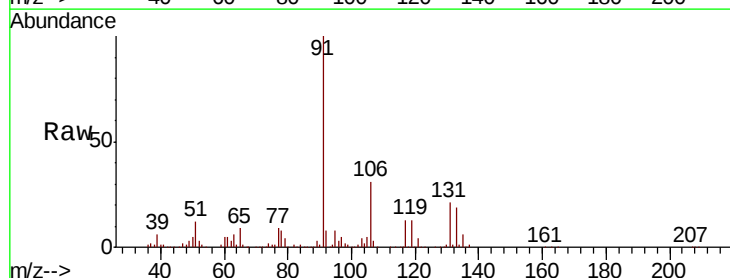
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

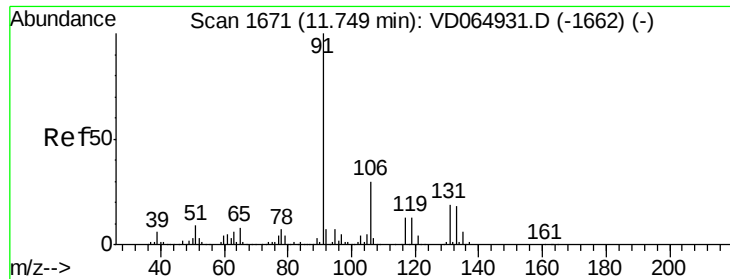
Tot Ion:112 Resp: 594727
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.374 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:131 Resp: 228247
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 63.8 31.1 93.5

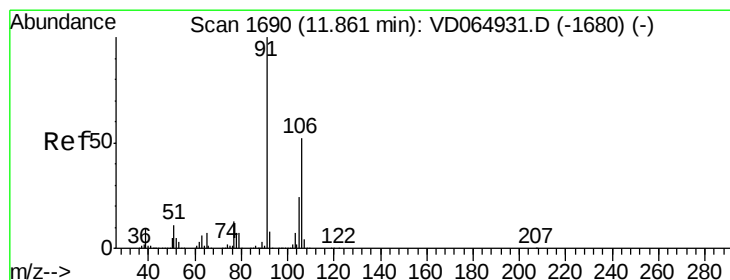
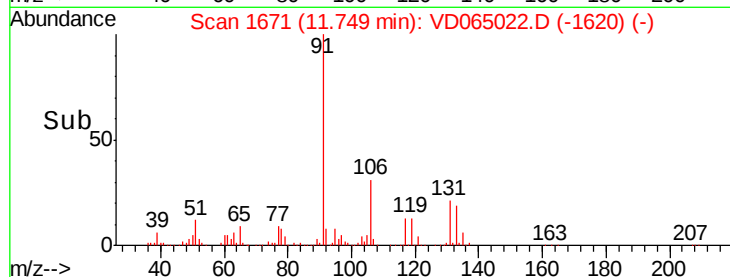
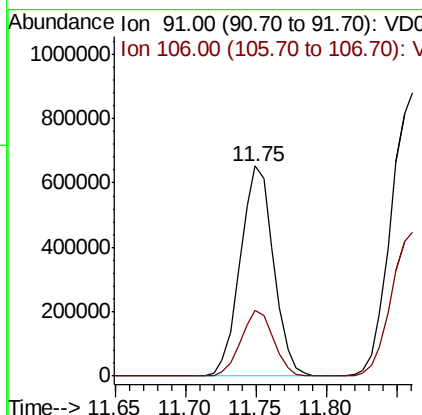
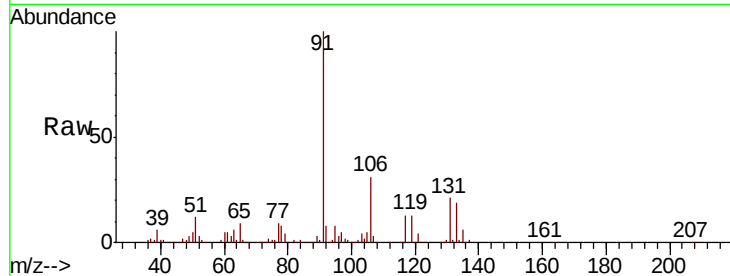




#67
Ethyl Benzene
Concen: 51.399 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

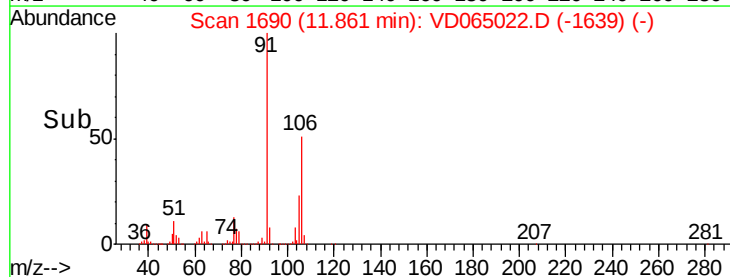
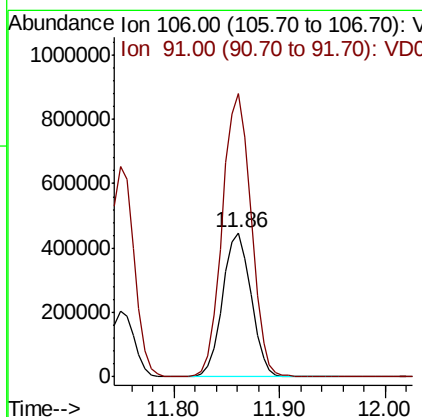
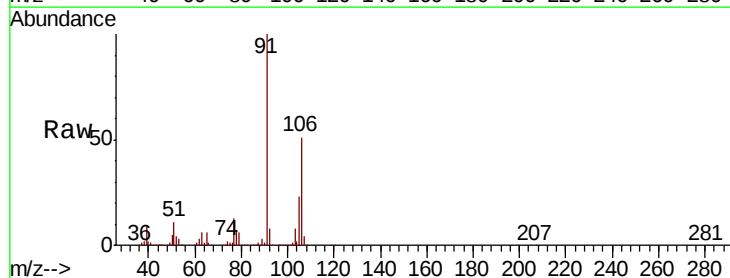
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

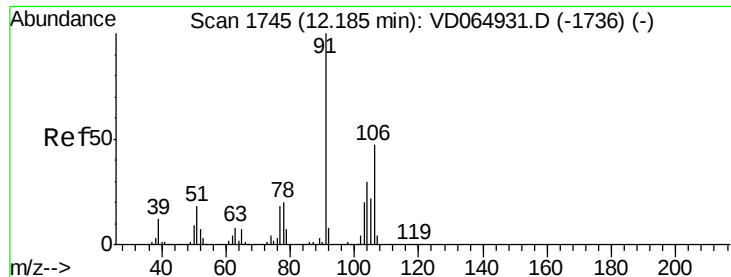
Tot Ion: 91 Resp: 1077982
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5



#68
m/p-Xylenes
Concen: 103.381 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 106 Resp: 834801
Ion Ratio Lower Upper
106 100
91 199.3 159.0 238.4

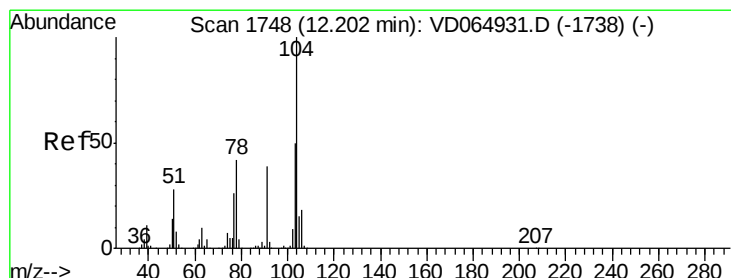
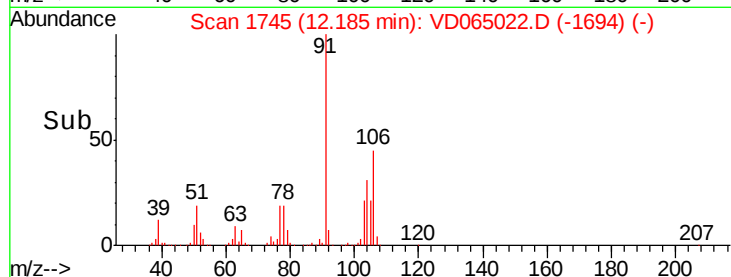
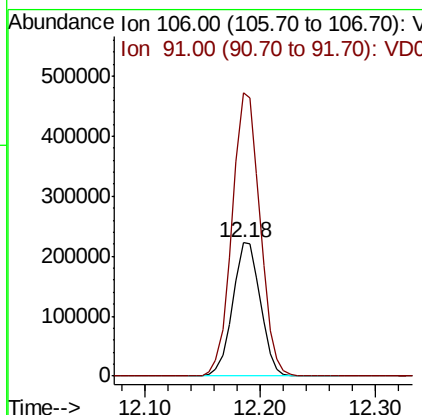
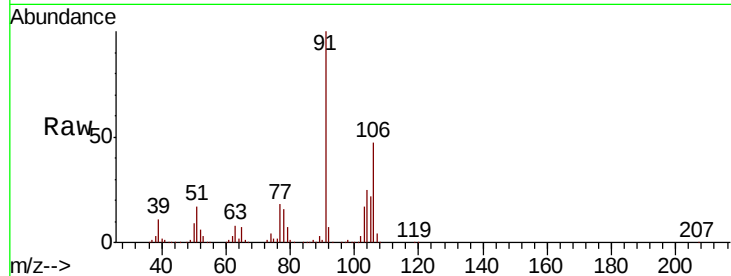




#69
o-Xylene
Concen: 51.666 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

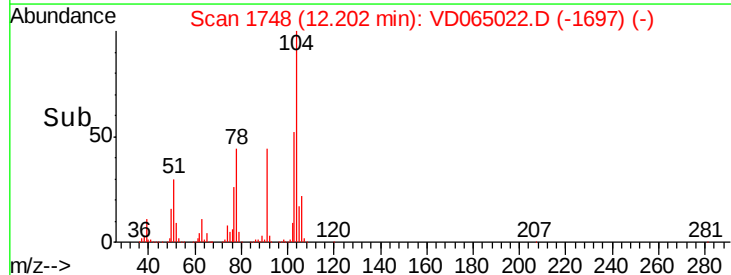
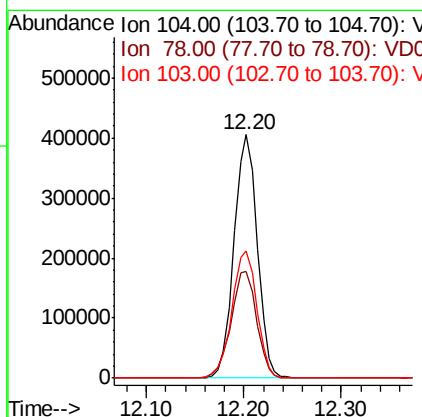
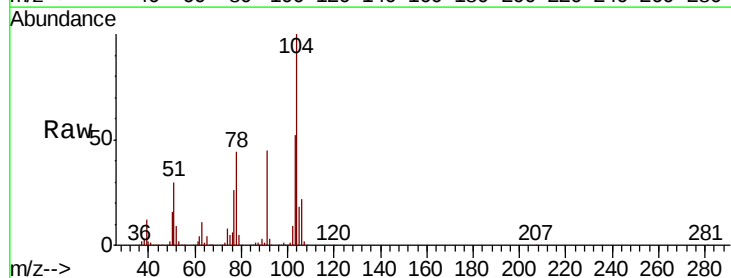
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

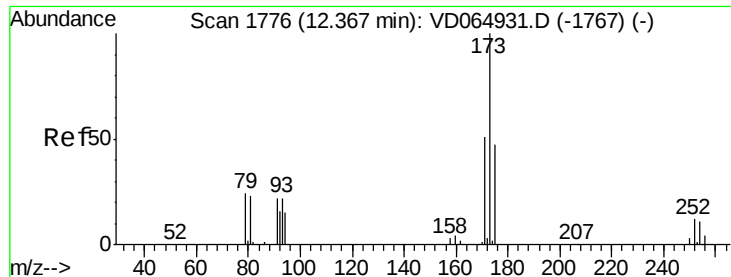
Tot Ion:106 Resp: 370272
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9



#70
Styrene
Concen: 52.574 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:104 Resp: 671176
Ion Ratio Lower Upper
104 100
78 48.6 38.3 57.5
103 56.4 43.5 65.3

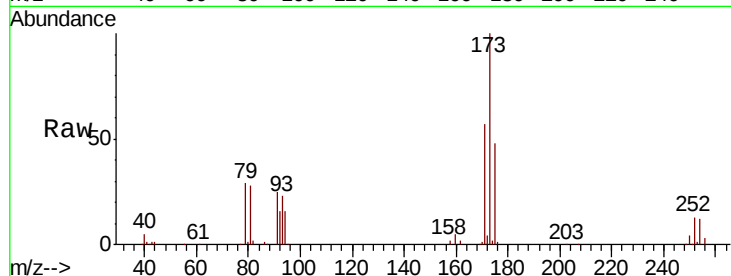




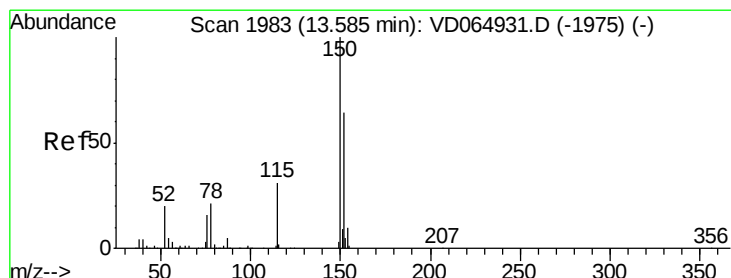
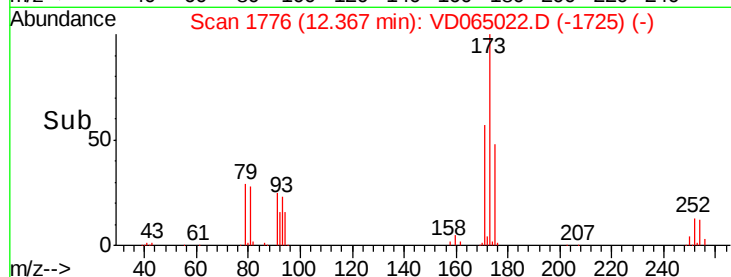
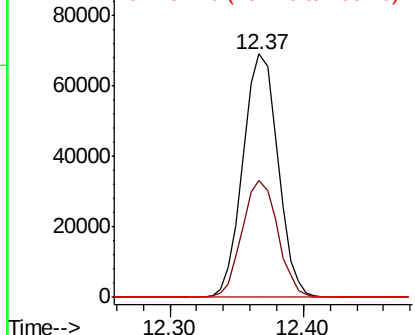
#71
Bromoform
Concen: 50.953 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 125838
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.1 0.1#

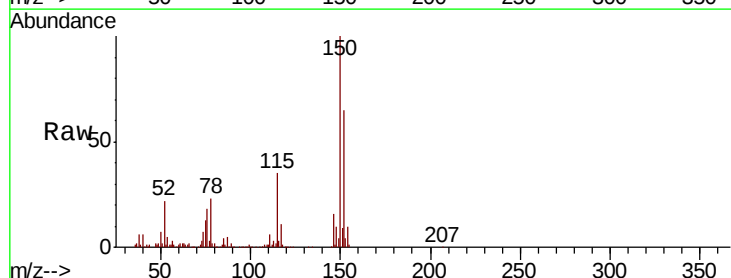


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

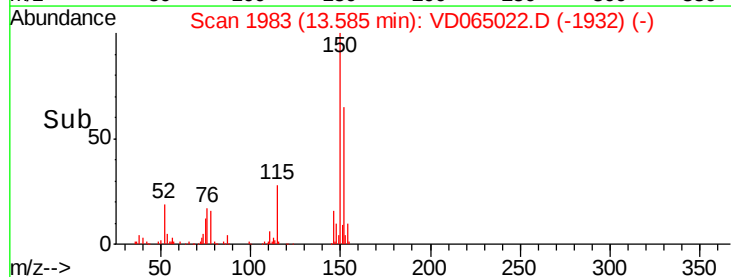
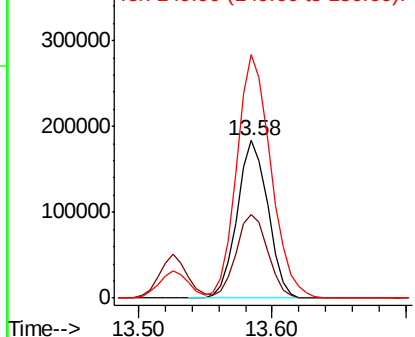


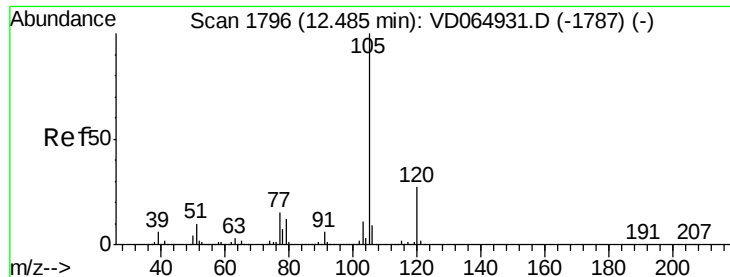
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:152 Resp: 293140
Ion Ratio Lower Upper
152 100
115 54.6 28.1 84.4
150 171.1 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.695 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

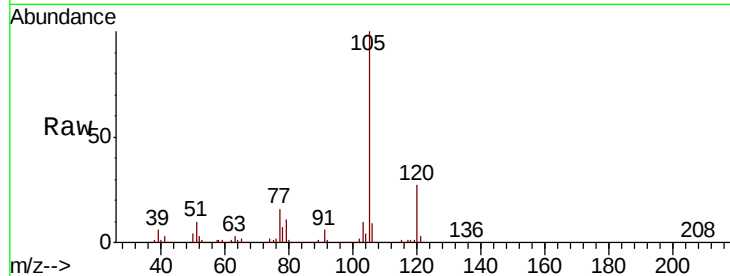
VSTDCCC050EC

Tot Ion:105 Resp: 995691

Ion Ratio Lower Upper

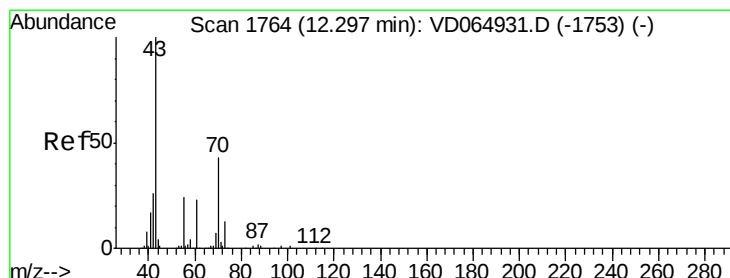
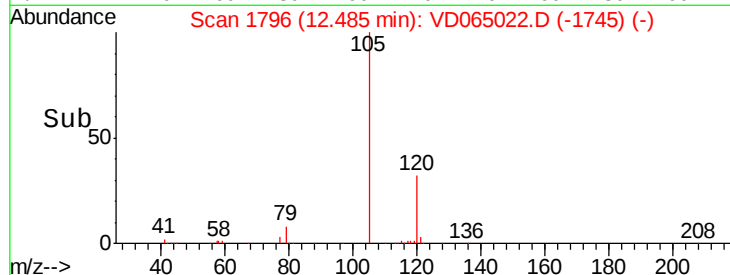
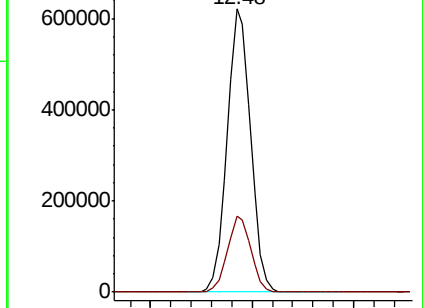
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.699 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Tgt Ion: 43 Resp: 231788

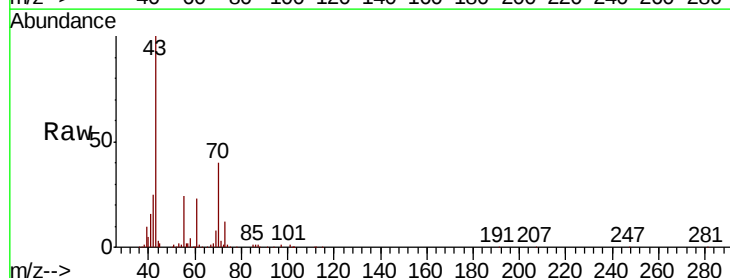
Ion Ratio Lower Upper

43 100

70 41.8 32.6 49.0

55 25.4 19.9 29.9

61 22.9 18.3 27.5

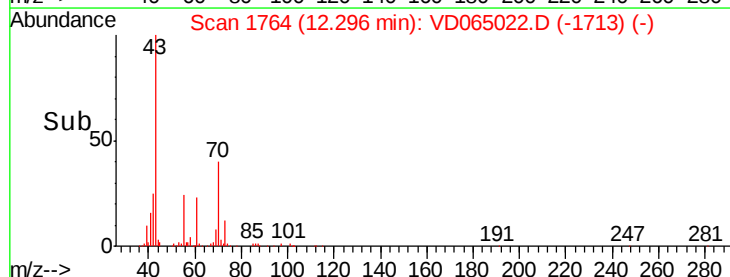
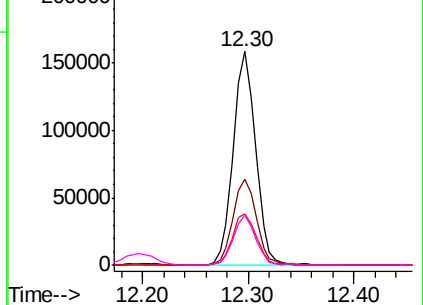


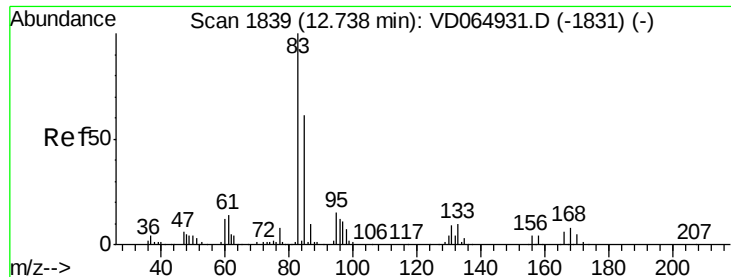
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.629 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

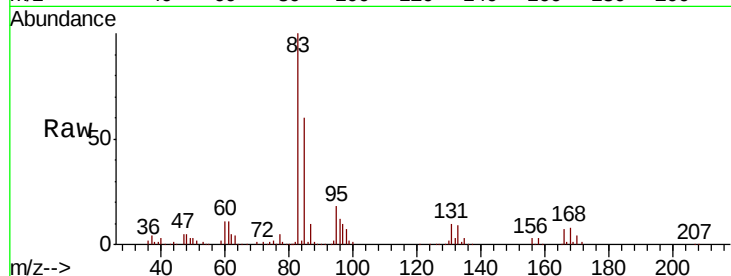
Tot Ion: 83 Resp: 170491

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

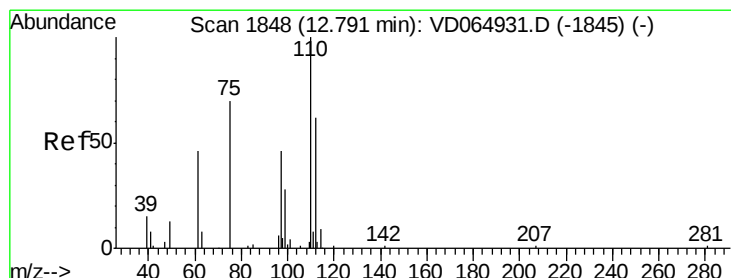
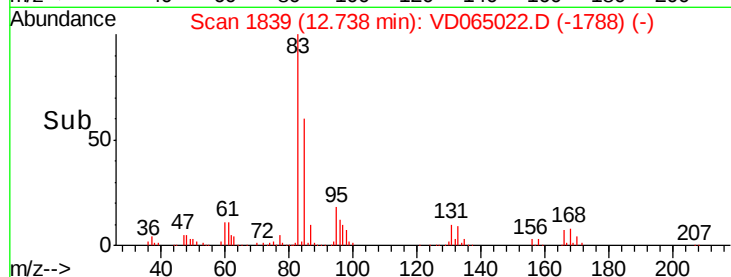
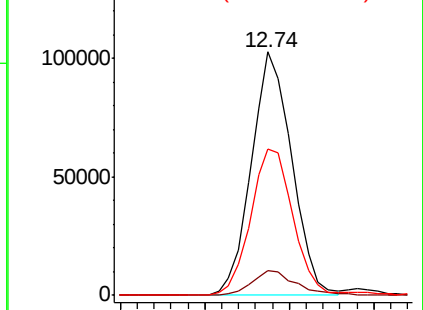
85 62.6 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 94.649 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065022.D

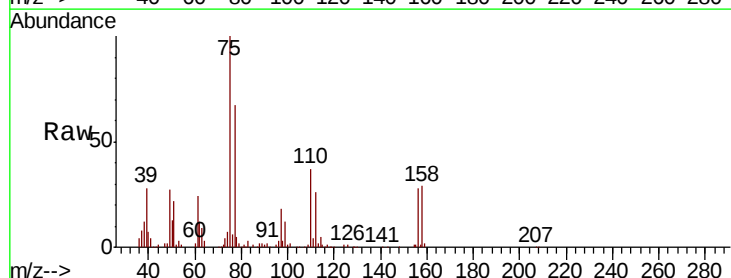
Acq: 30 Jan 2020 19:32

Tgt Ion: 75 Resp: 230291

Ion Ratio Lower Upper

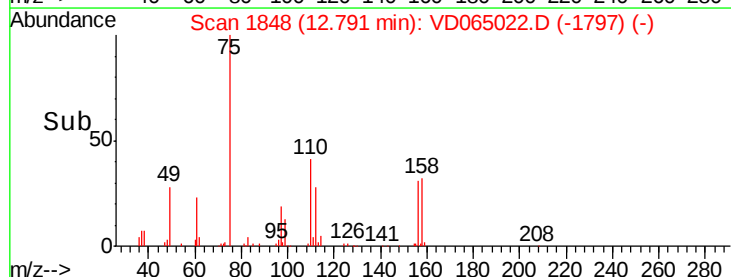
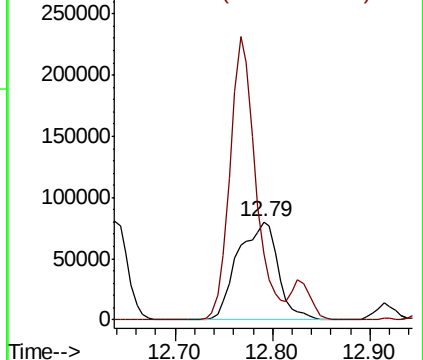
75 100

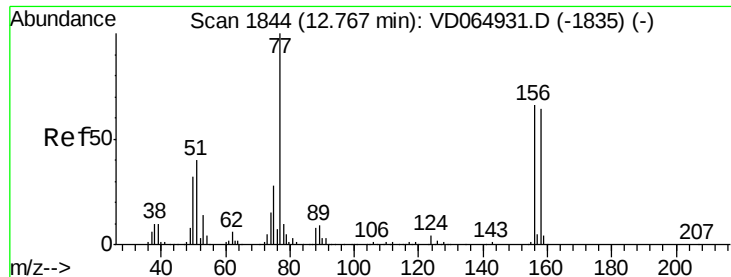
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.689 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

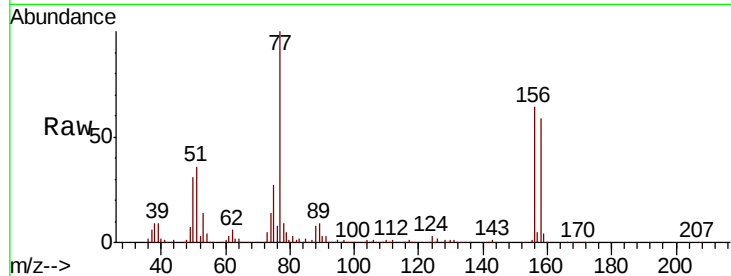
Tot Ion:156 Resp: 248491

Ion Ratio Lower Upper

156 100

77 171.4 84.2 252.5

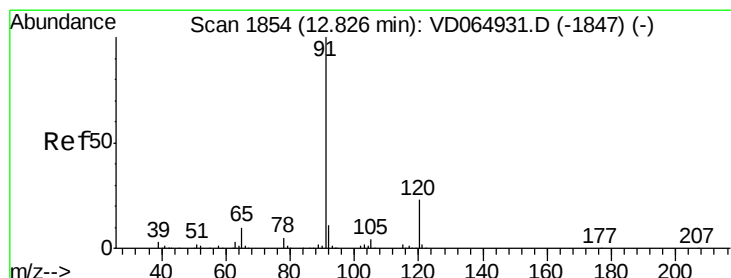
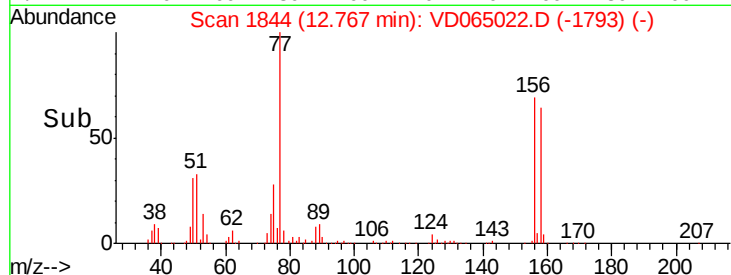
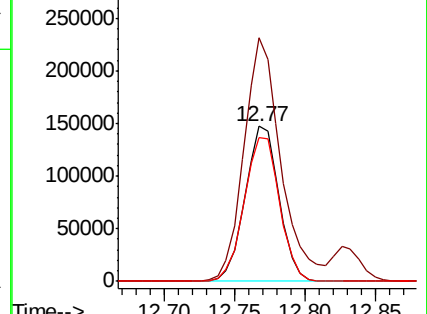
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.887 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065022.D

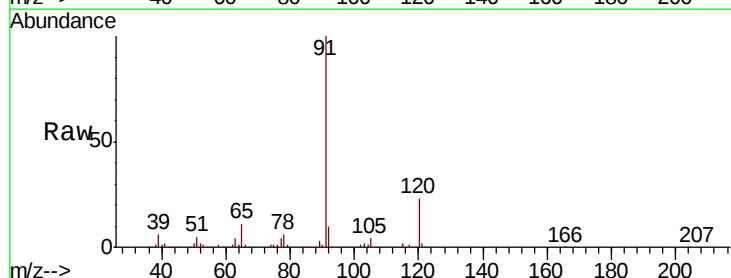
Acq: 30 Jan 2020 19:32

Tgt Ion: 91 Resp: 1188674

Ion Ratio Lower Upper

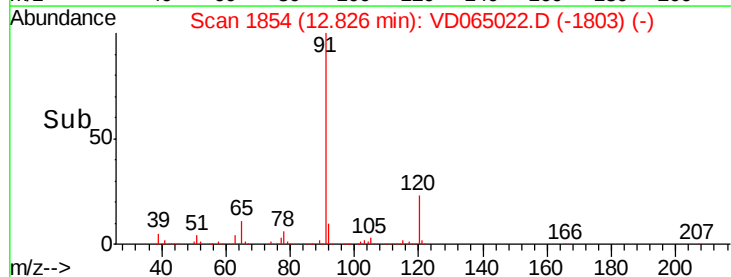
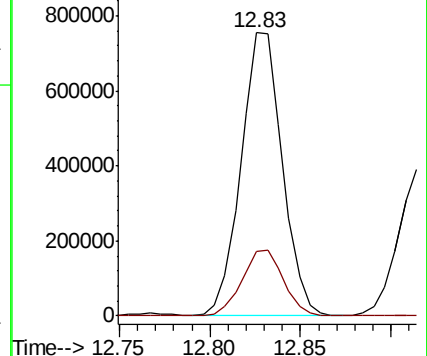
91 100

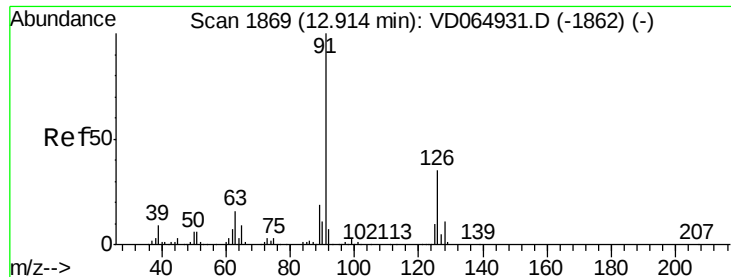
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

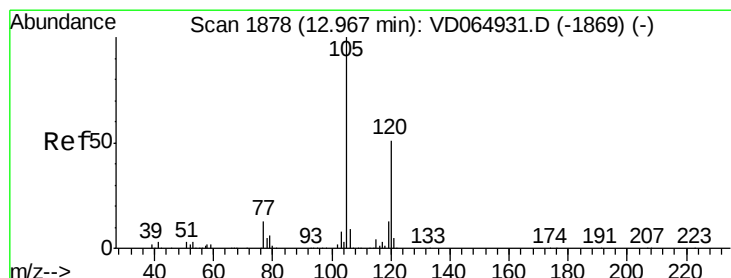
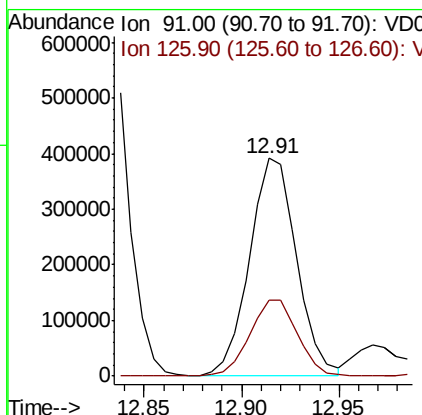
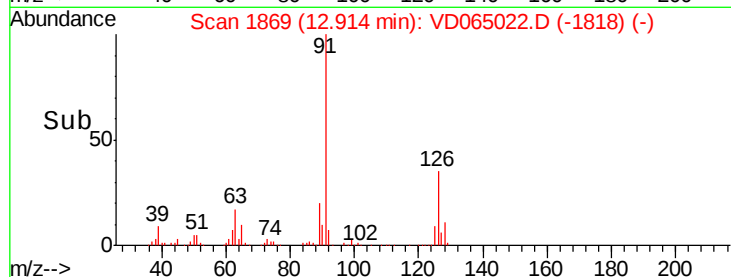
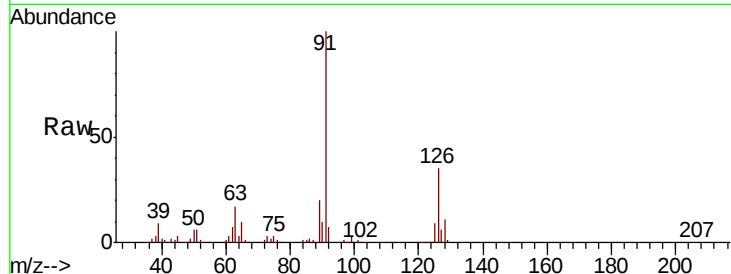




#79
 2-Chlorotoluene
 Concen: 49.917 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

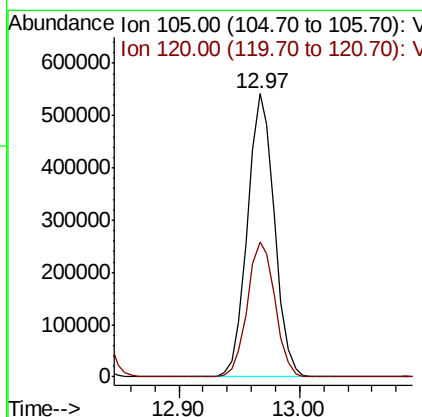
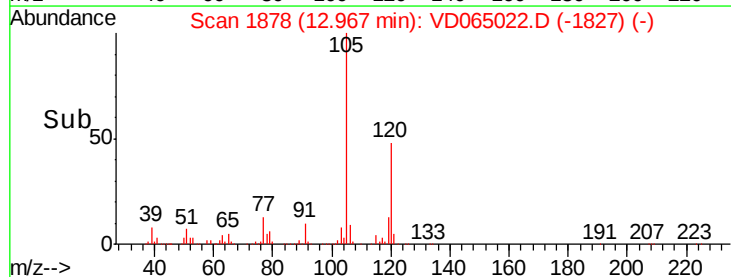
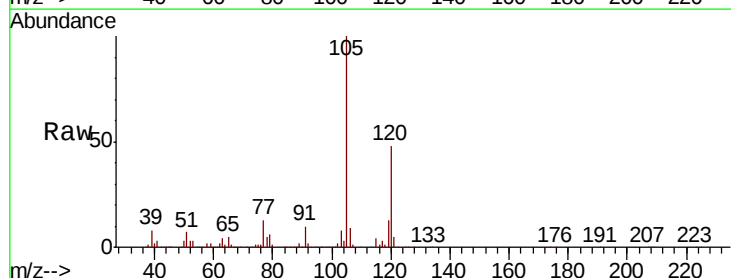
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

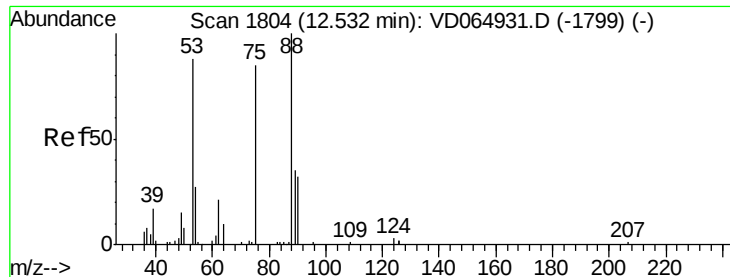
Tot Ion: 91 Resp: 652483
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.236 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion: 105 Resp: 841254
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.715 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

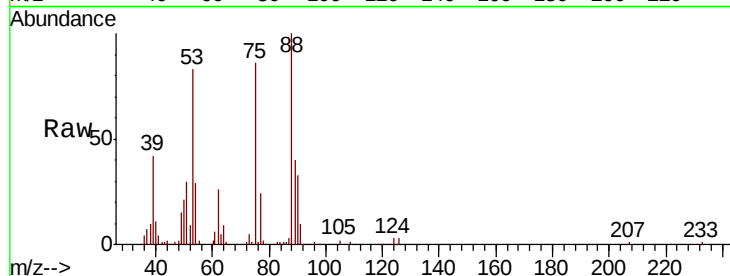
Tot Ion: 75 Resp: 55511

Ion Ratio Lower Upper

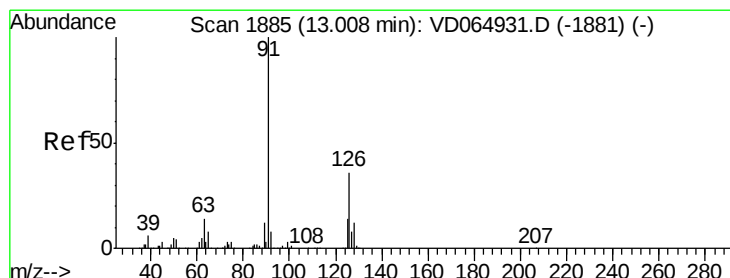
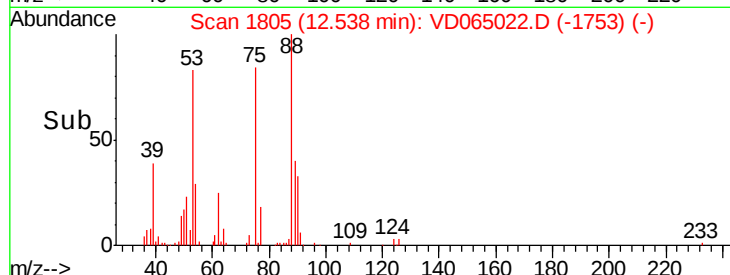
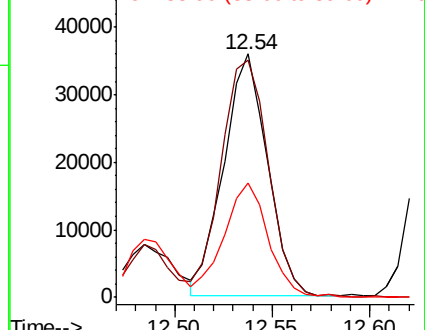
75 100

53 106.4 81.0 121.4

89 48.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.441 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065022.D

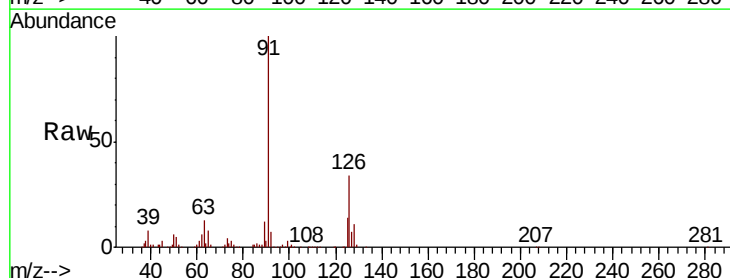
Acq: 30 Jan 2020 19:32

Tgt Ion: 91 Resp: 699225

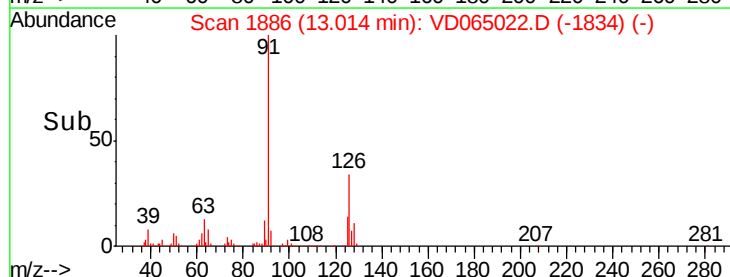
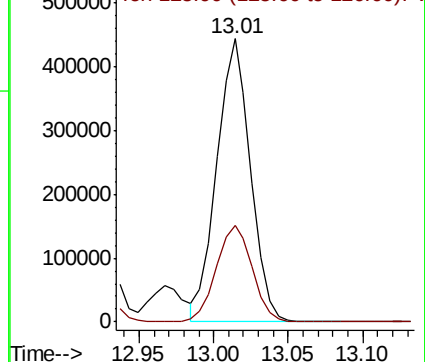
Ion Ratio Lower Upper

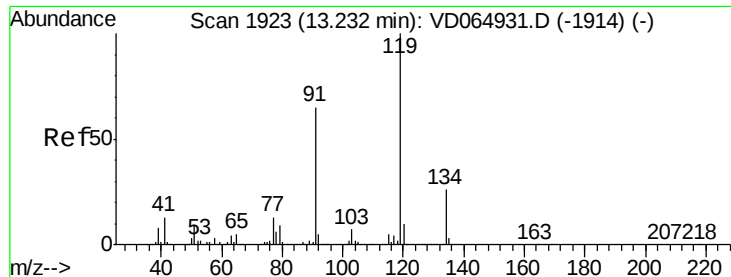
91 100

126 36.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

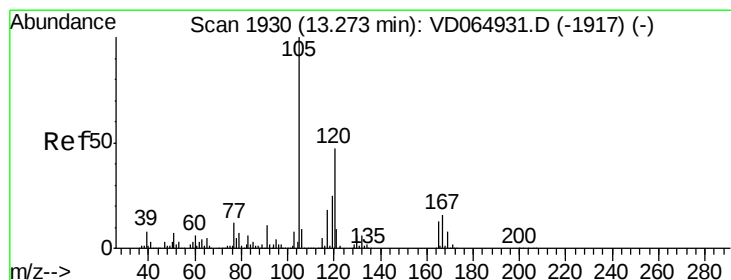
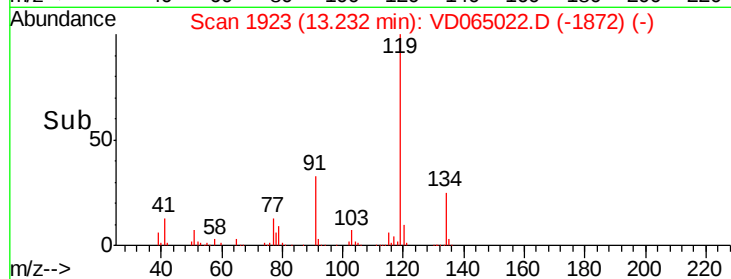
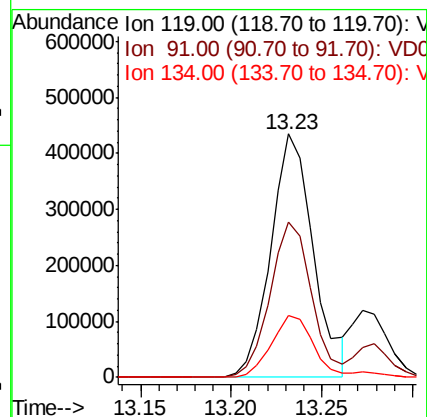
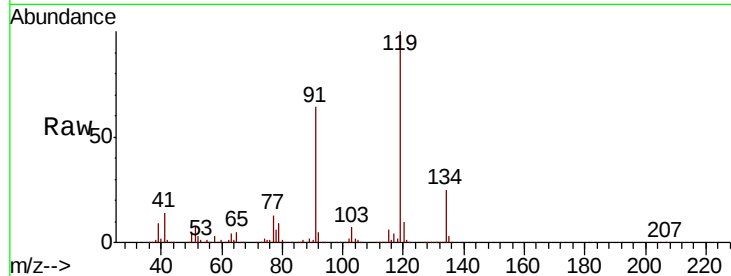




#83
tert-Butylbenzene
Concen: 51.048 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

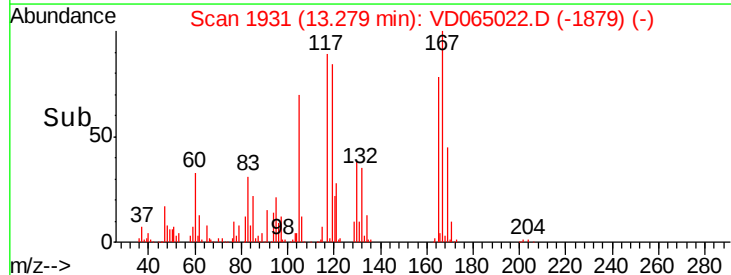
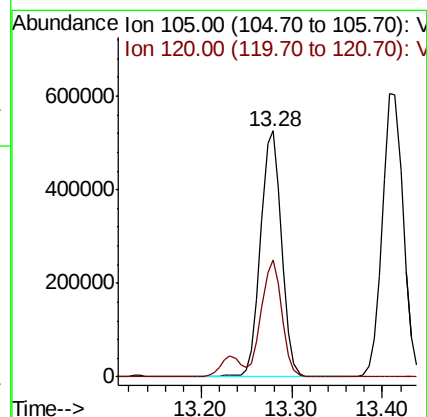
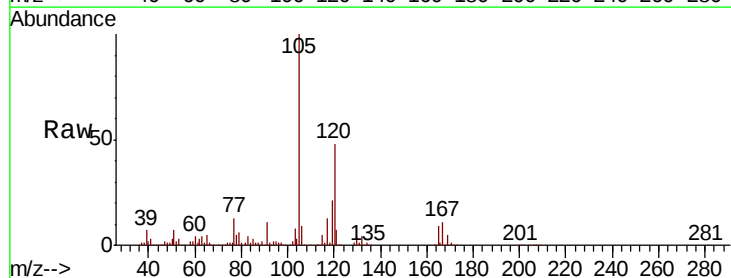
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

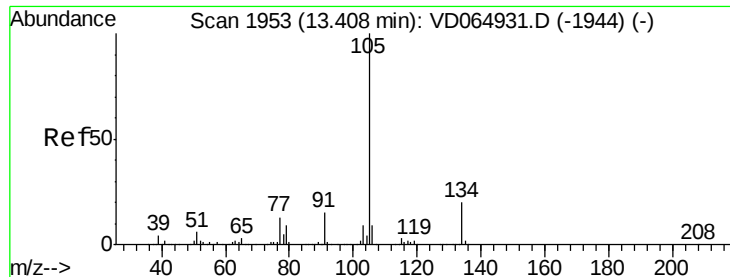
Tot Ion:119 Resp: 711296
Ion Ratio Lower Upper
119 100
91 62.4 32.0 96.0
134 24.9 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 50.509 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:105 Resp: 840115
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3

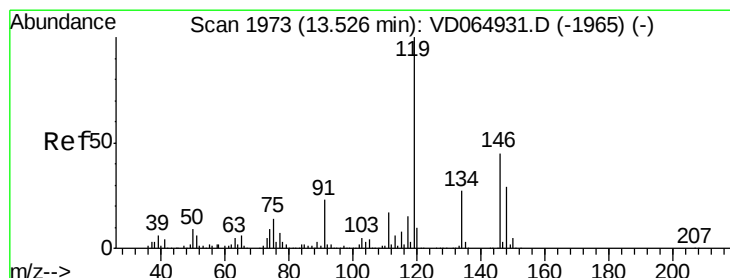
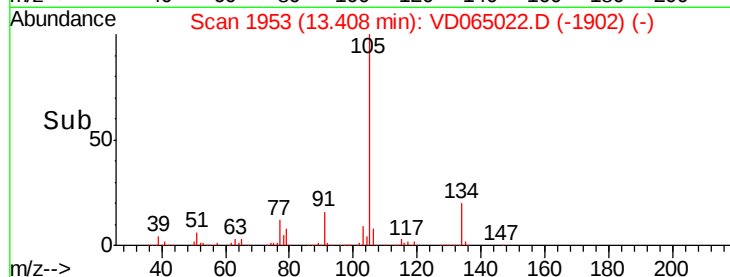
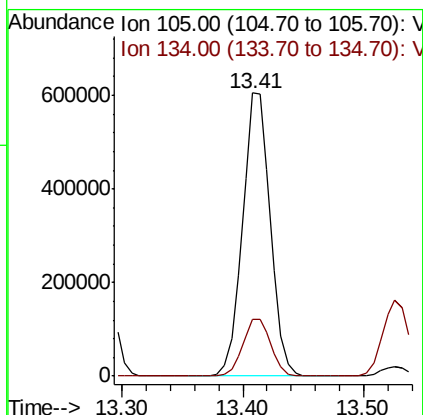
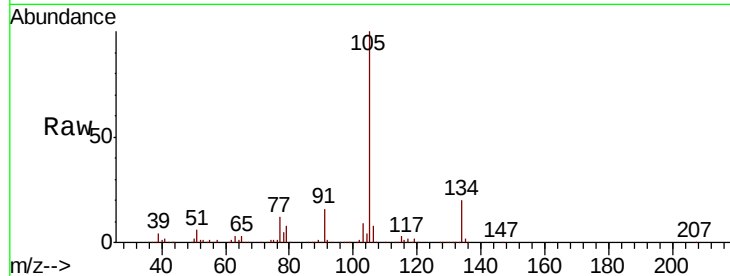




#85
 sec-Butylbenzene
 Concen: 48.980 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

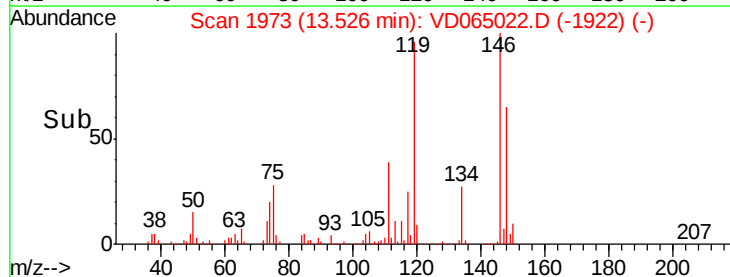
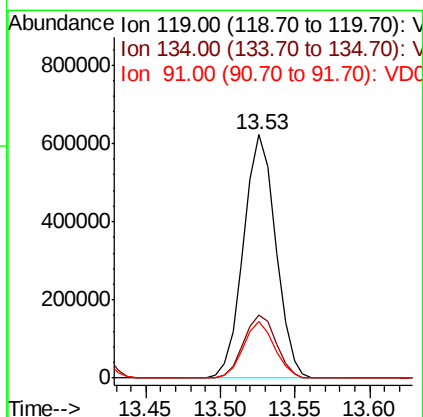
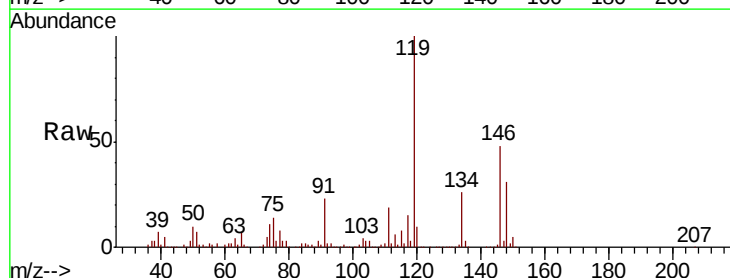
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

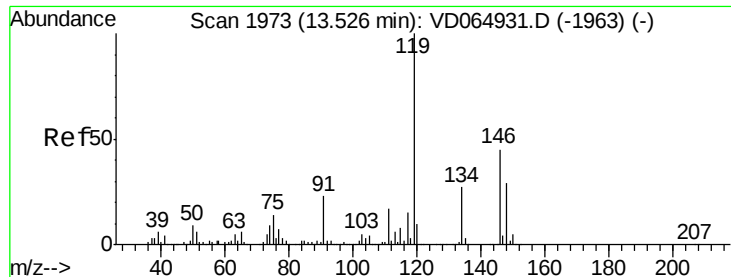
Tot Ion:105 Resp: 966325
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 50.290 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion:119 Resp: 928434
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 22.6 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 49.773 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

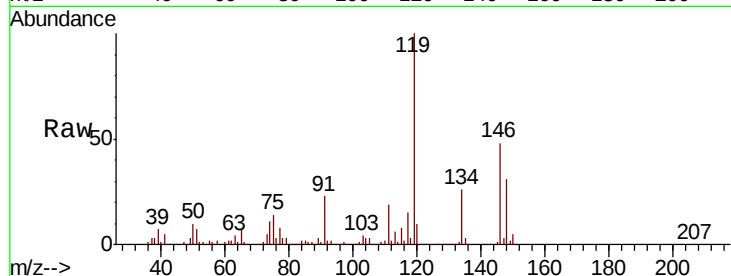
Tot Ion:146 Resp: 468166

Ion Ratio Lower Upper

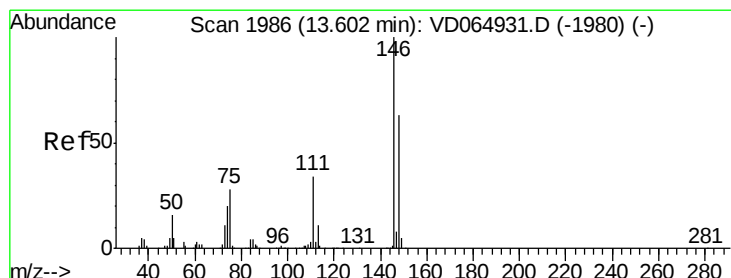
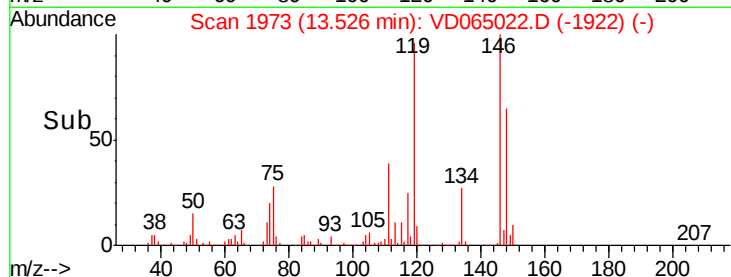
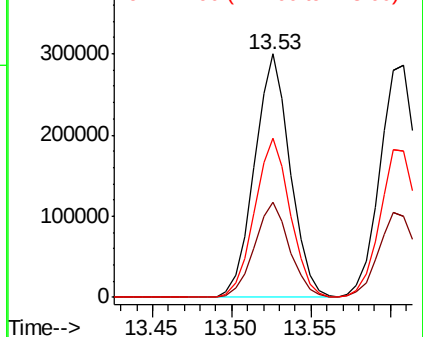
146 100

111 38.4 18.9 56.9

148 65.2 32.6 97.7



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



#88

1,4-Dichlorobenzene

Concen: 50.141 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD065022.D

Acq: 30 Jan 2020 19:32

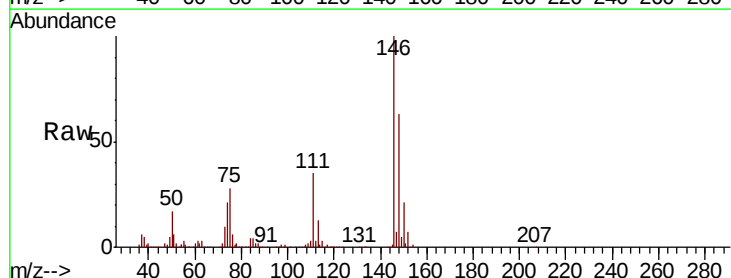
Tgt Ion:146 Resp: 468092

Ion Ratio Lower Upper

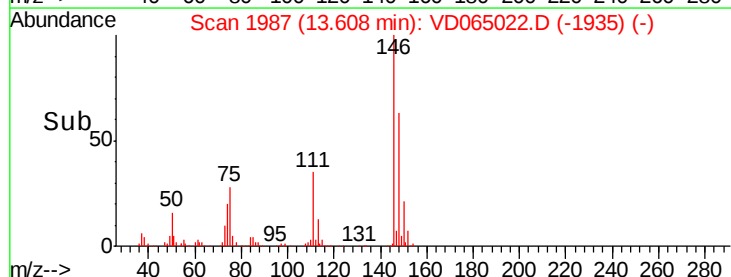
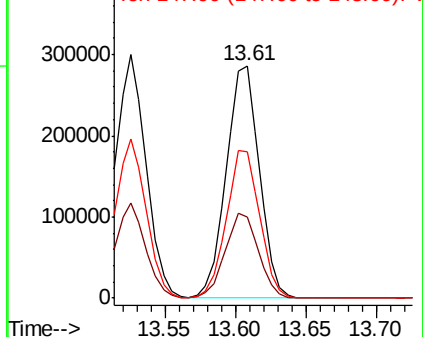
146 100

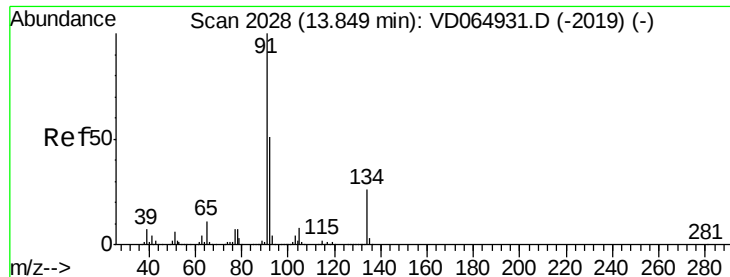
111 36.9 18.2 54.6

148 63.8 32.0 96.0



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

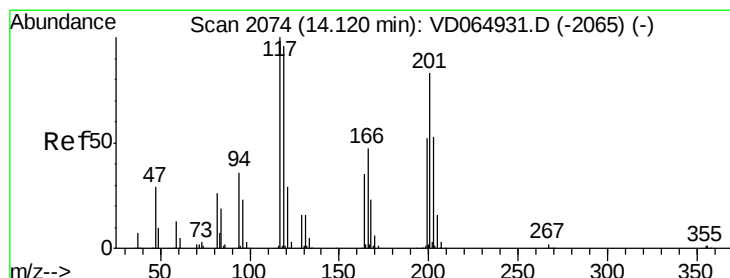
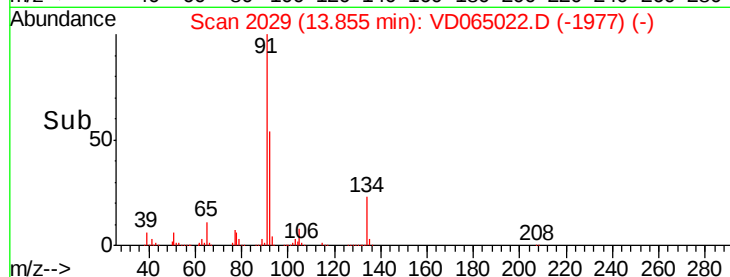
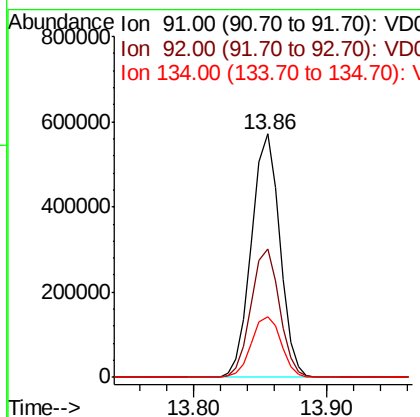
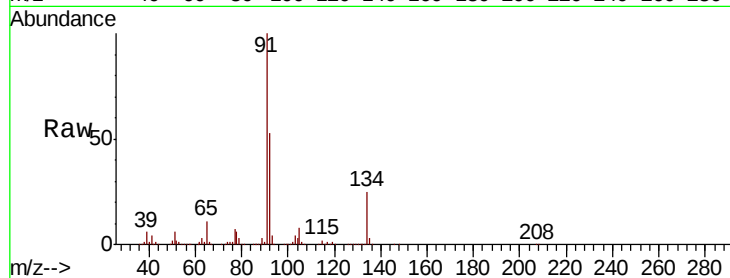




#89
n-Butylbenzene
Concen: 49.787 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

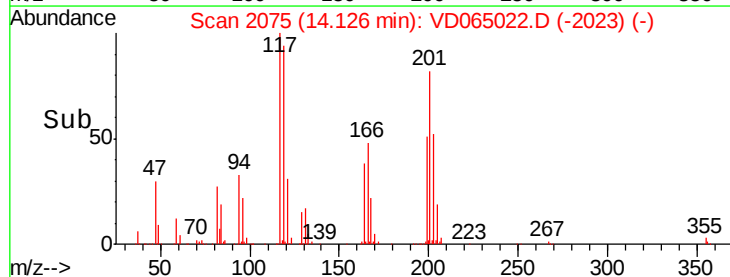
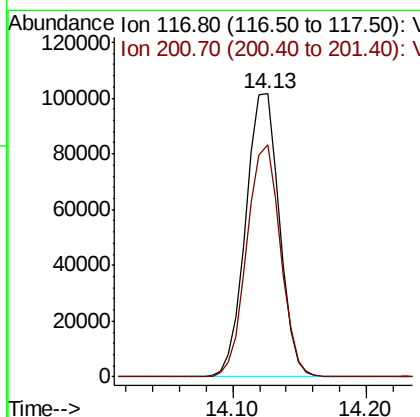
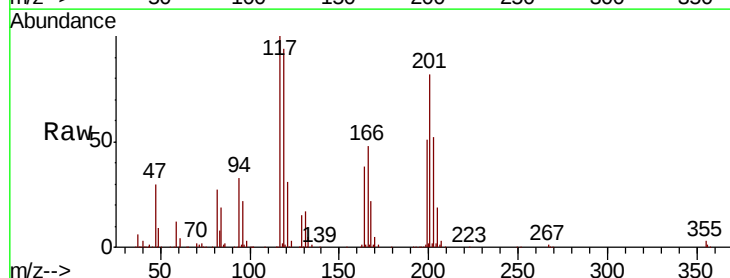
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

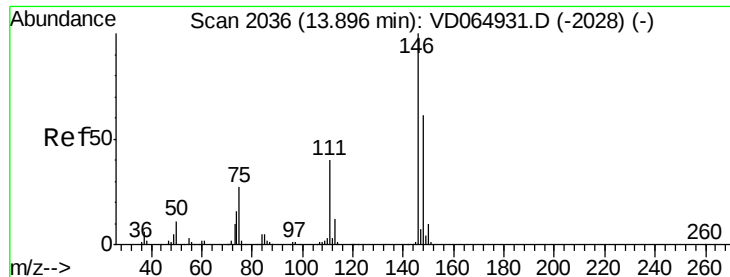
Tot Ion: 91 Resp: 838813
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 26.2 13.3 39.9



#90
Hexachloroethane
Concen: 49.642 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion: 117 Resp: 176734
Ion Ratio Lower Upper
117 100
201 82.0 41.1 123.3

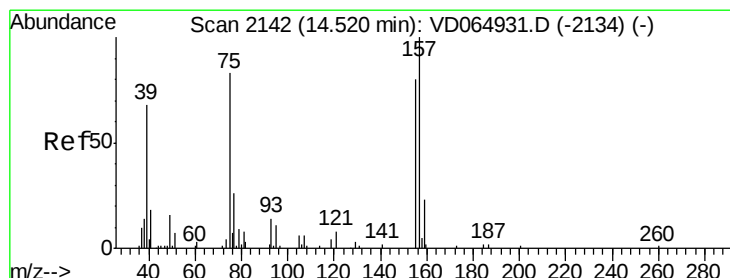
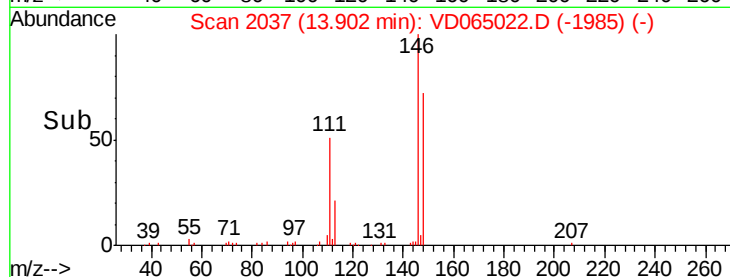
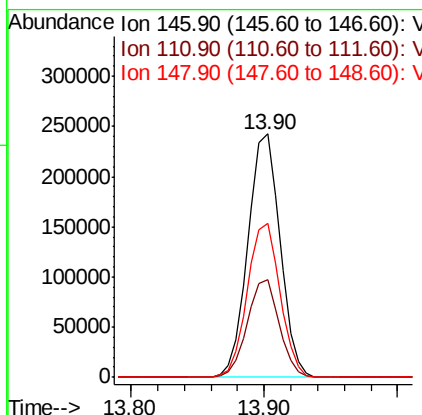
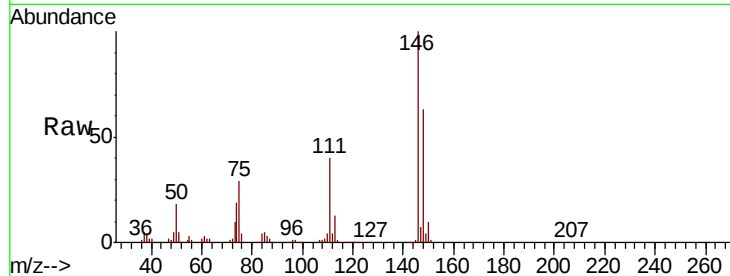




#91
 1,2-Dichlorobenzene
 Concen: 50.507 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

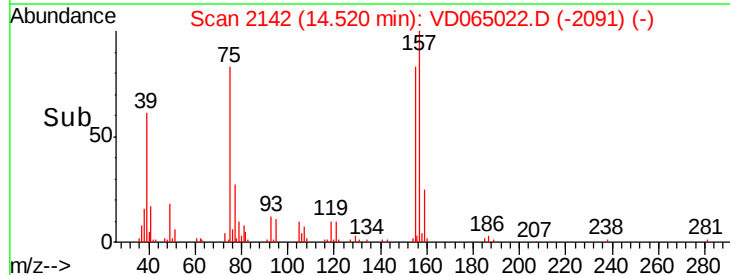
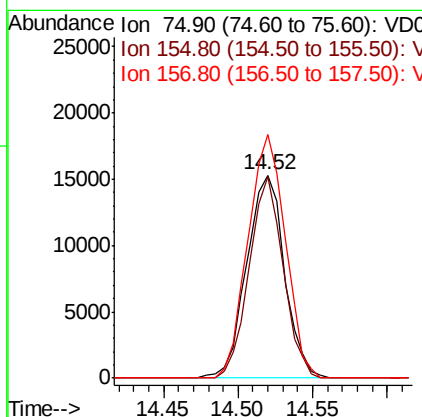
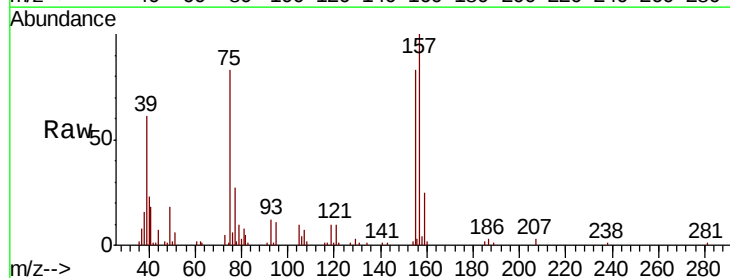
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

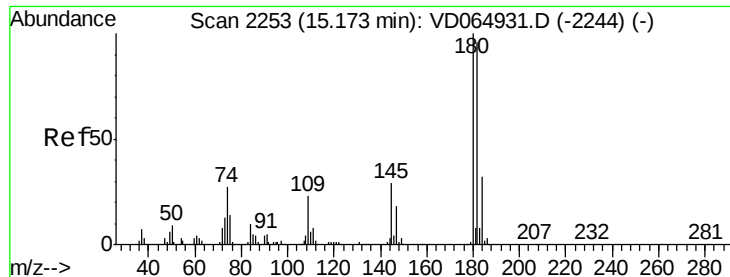
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	64.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.735 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	44.9	134.7
157	118.2	58.9	176.6

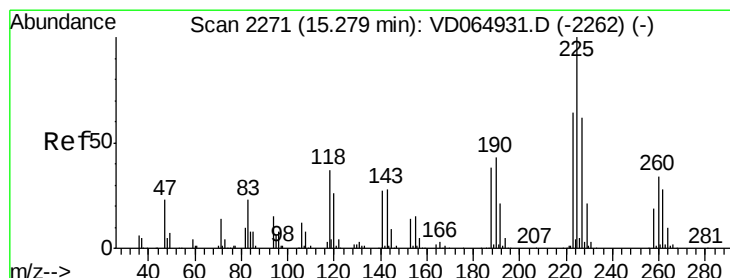
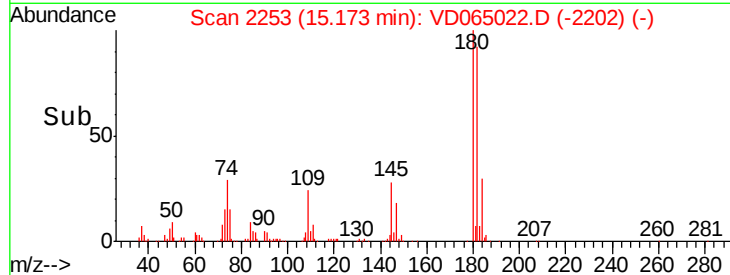
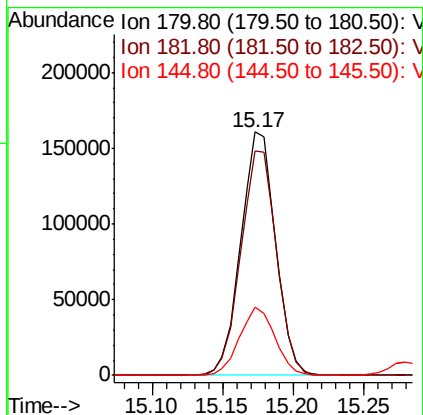
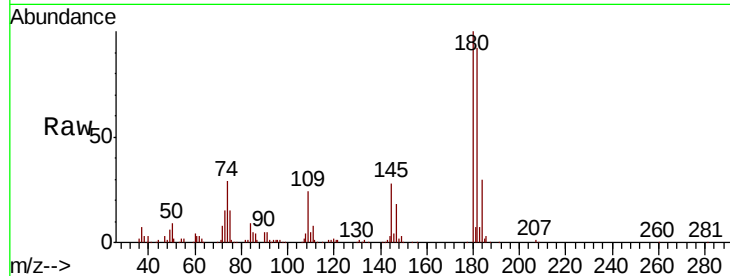




#93
 1,2,4-Trichlorobenzene
 Concen: 50.135 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

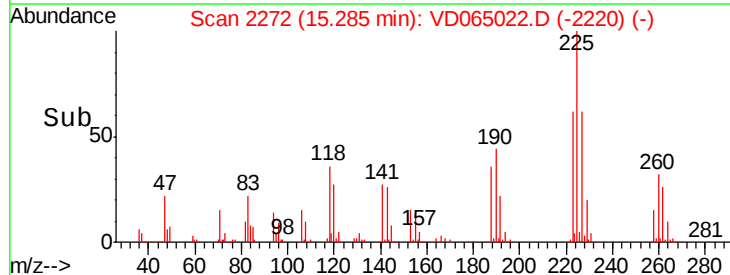
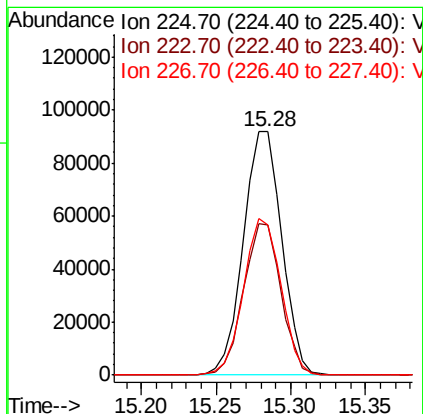
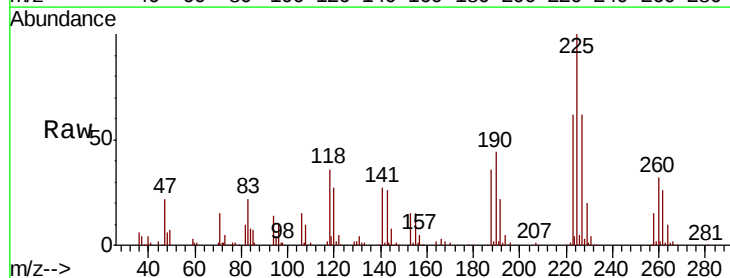
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

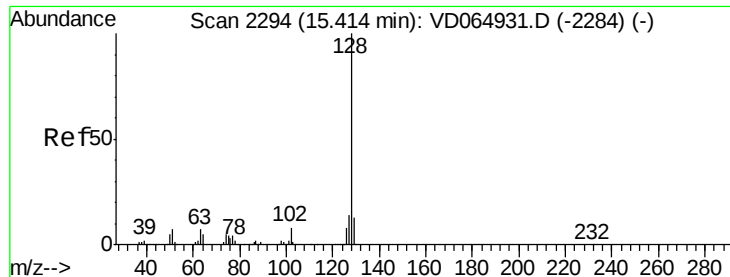
Tot Ion:180 Resp: 276963
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.4
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 46.794 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065022.D
 Acq: 30 Jan 2020 19:32

Tgt Ion:225 Resp: 163514
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.4 97.2
 227 62.7 31.9 95.9

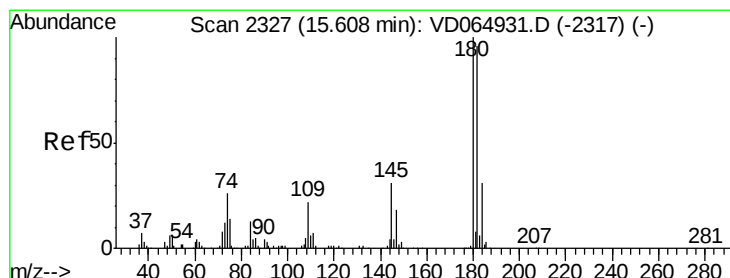
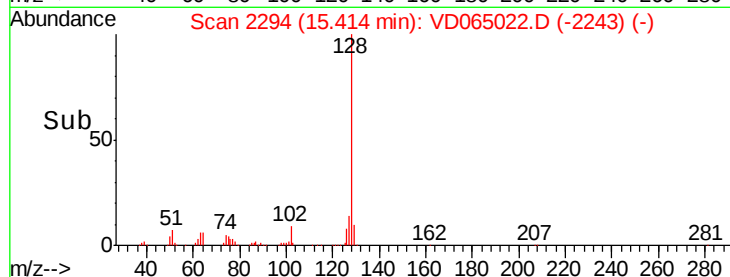
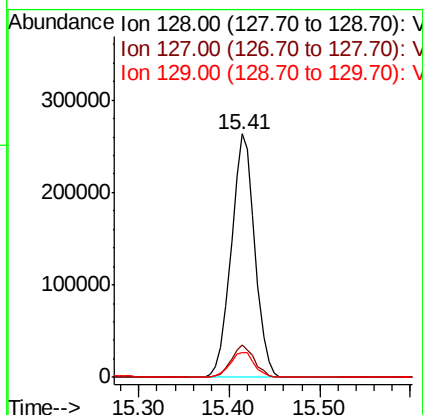
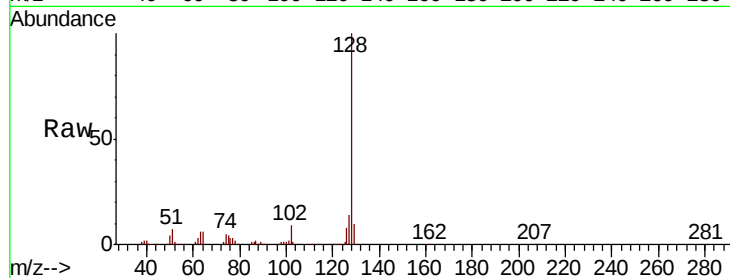




#95
Naphthalene
Concen: 53.147 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 473842
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 9.3 13.9



#96
1,2,3-Trichlorobenzene
Concen: 51.173 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065022.D
Acq: 30 Jan 2020 19:32

Tgt Ion:180 Resp: 245114
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.8
145 30.6 14.6 43.8

