

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
 Data File : VD066311.D
 Acq On : 19 Aug 2020 11:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 15:58:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	259001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	369102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121146	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	121331	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	444406	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.63	95	157680	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	94569	41.443	ug/l	99
3) Chloromethane	2.20	50	73828	41.592	ug/l	98
4) Vinyl Chloride	2.35	62	76572	48.725	ug/l	99
5) Bromomethane	2.76	94	53250	51.073	ug/l	97
6) Chloroethane	2.92	64	48999	50.794	ug/l	93
7) Trichlorofluoromethane	3.27	101	204479	49.909	ug/l	98
8) Diethyl Ether	3.70	74	55191	47.741	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	118851	48.880	ug/l	97
10) Methyl Iodide	4.30	142	126595	56.223	ug/l	96
11) Tert butyl alcohol	5.21	59	38600	219.004	ug/l #	94
12) 1,1-Dichloroethene	4.06	96	111897	48.784	ug/l	96
13) Acrolein	3.92	56	35432	192.643	ug/l	99
14) Allyl chloride	4.71	41	161549	46.489	ug/l	94
15) Acrylonitrile	5.41	53	116705	239.569	ug/l	99
16) Acetone	4.16	43	116418	265.531	ug/l	92
17) Carbon Disulfide	4.40	76	296005	40.587	ug/l	99
18) Methyl Acetate	4.71	43	49777	44.698	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	262573	49.944	ug/l	97
20) Methylene Chloride	4.96	84	126650	50.331	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	123375	46.822	ug/l	94
22) Diisopropyl ether	6.36	45	326780	47.554	ug/l	96
23) Vinyl Acetate	6.30	43	972046	241.456	ug/l	99
24) 1,1-Dichloroethane	6.26	63	207482	48.788	ug/l	98
25) 2-Butanone	7.21	43	153740	238.410	ug/l	99
26) 2,2-Dichloropropane	7.20	77	203390	53.361	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	138380	50.069	ug/l	99
28) Bromochloromethane	7.54	49	71709	48.009	ug/l	96
29) Tetrahydrofuran	7.56	42	91075	227.955	ug/l	98
30) Chloroform	7.71	83	233396	52.267	ug/l	99
31) Cyclohexane	7.98	56	177529	43.854	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	223781	53.448	ug/l	99
36) 1,1-Dichloropropene	8.11	75	175760	50.674	ug/l	98
37) Ethyl Acetate	7.29	43	61197	44.532	ug/l	98
38) Carbon Tetrachloride	8.09	117	210417	54.402	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	204781	48.841	ug/l	97
40) Benzene	8.34	78	471557	49.010	ug/l	97
41) Methacrylonitrile	7.51	41	39977	49.476	ug/l	95
42) 1,2-Dichloroethane	8.42	62	148620	52.579	ug/l	98
43) Isopropyl Acetate	8.44	43	130696	48.269	ug/l	99
44) Trichloroethene	9.11	130	148452	51.202	ug/l	100
45) 1,2-Dichloropropane	9.38	63	116290	49.417	ug/l	93
46) Dibromomethane	9.47	93	65290	50.370	ug/l	97
47) Bromodichloromethane	9.66	83	181009	52.836	ug/l	94
48) Methyl methacrylate	9.45	41	63665	46.048	ug/l	90
49) 1,4-Dioxane	9.46	88	15086	905.898	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	335926	241.532	ug/l	99
52) Toluene	10.40	92	318805	50.354	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	169748	52.211	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	196449	51.572	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	92139	49.365	ug/l	96
56) Ethyl methacrylate	10.66	69	114321	50.986	ug/l	95
57) 1,3-Dichloropropane	10.94	76	154354	49.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	264555	262.308	ug/l	98
59) 2-Hexanone	10.98	43	237331	243.143	ug/l	98
60) Dibromochloromethane	11.14	129	131853	51.169	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92685	51.635	ug/l	96
64) Tetrachloroethene	10.87	164	132483	52.324	ug/l	97
65) Chlorobenzene	11.67	112	346886	51.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	140002	53.456	ug/l	99
67) Ethyl Benzene	11.74	91	624004	53.796	ug/l	98
68) m/p-Xylenes	11.86	106	472938	105.235	ug/l	97
69) o-Xylene	12.18	106	217198	53.129	ug/l	98
70) Styrene	12.20	104	388458	54.219	ug/l	98
71) Bromoform	12.36	173	80424	51.829	ug/l #	99
73) Isopropylbenzene	12.48	105	627162	55.934	ug/l	99
74) N-amyl acetate	12.28	43	125382	50.781	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	94403	49.376	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	131406	93.811	ug/l #	100
77) Bromobenzene	12.76	156	153496	53.181	ug/l	98
78) n-propylbenzene	12.82	91	722639	55.444	ug/l	99
79) 2-Chlorotoluene	12.91	91	405430	54.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	531042	56.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	31987	50.479	ug/l	94
82) 4-Chlorotoluene	13.01	91	428545	54.459	ug/l	100
83) tert-Butylbenzene	13.23	119	459299	55.696	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	519706	55.380	ug/l	100
85) sec-Butylbenzene	13.40	105	618625	55.562	ug/l	99
86) p-Isopropyltoluene	13.52	119	589019	56.405	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	289722	53.408	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	284820	52.647	ug/l	98
89) n-Butylbenzene	13.85	91	529157	56.557	ug/l	99
90) Hexachloroethane	14.11	117	111837	53.698	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	250126	52.137	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17001	51.738	ug/l	97

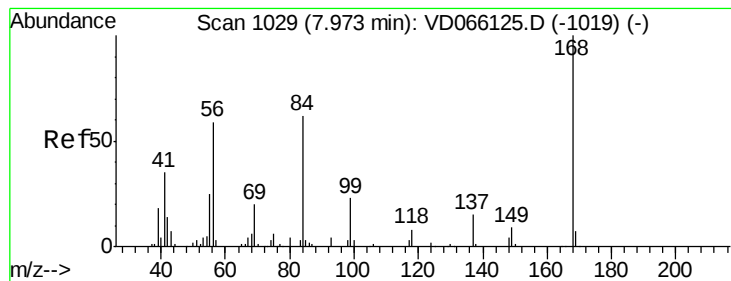
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189852	53.700	ug/l	97
94) Hexachlorobutadiene	15.27	225	116160	55.795	ug/l	99
95) Naphthalene	15.41	128	318065	55.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	170752	54.711	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

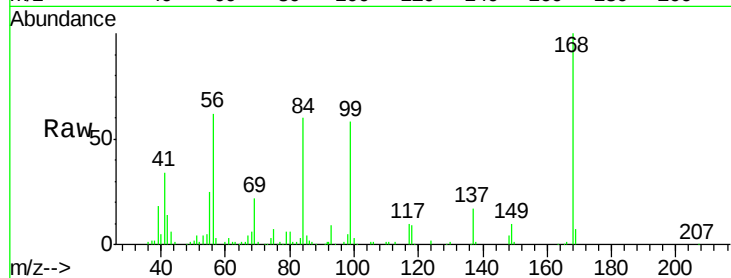
VSTDCCC050

Tgt Ion:168 Resp: 259001

Ion Ratio Lower Upper

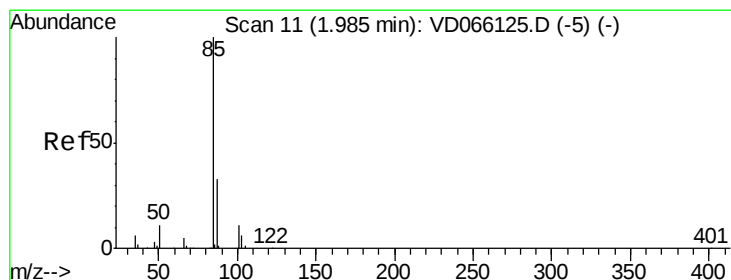
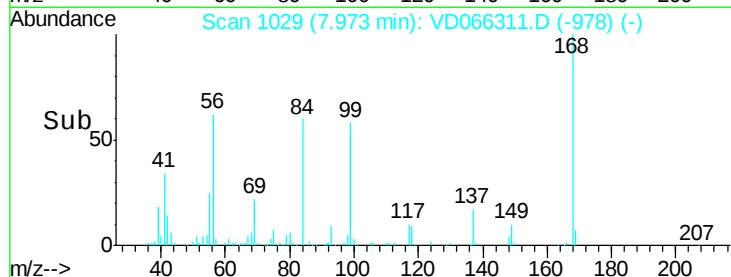
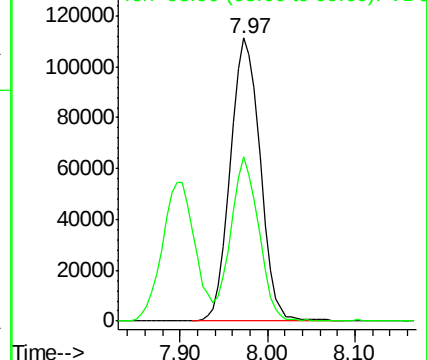
168 100

99 57.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 41.443 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066311.D

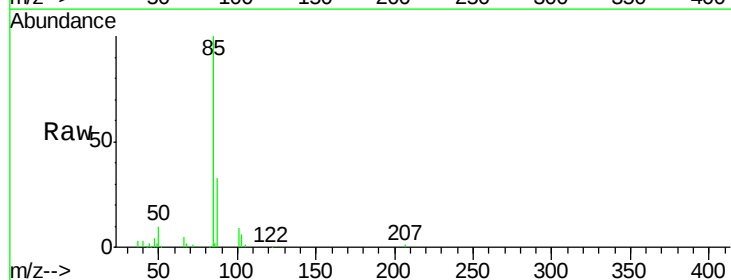
Acq: 19 Aug 2020 11:16

Tgt Ion: 85 Resp: 94569

Ion Ratio Lower Upper

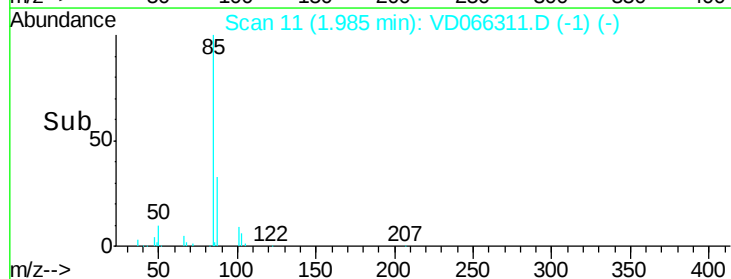
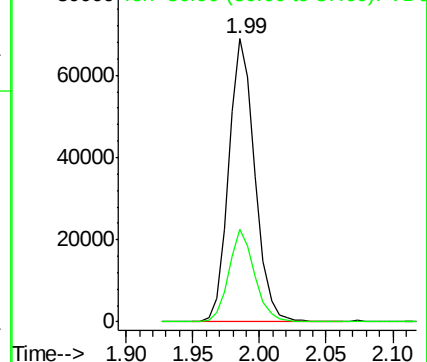
85 100

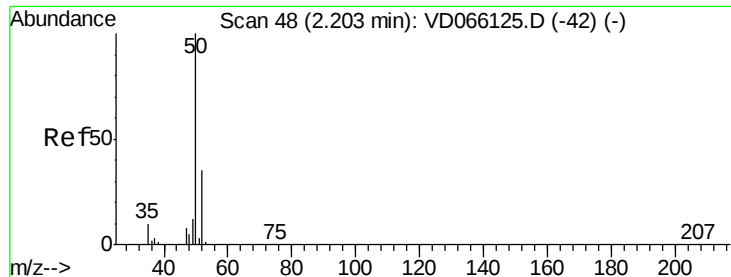
87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.592 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

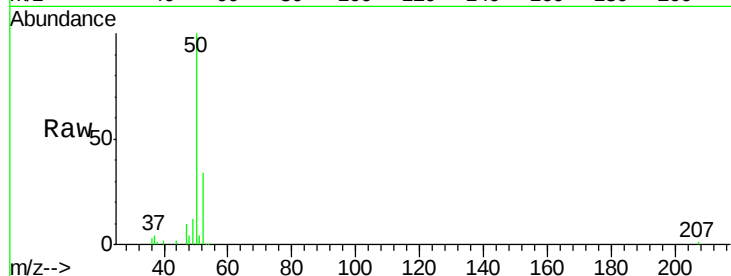
VSTDCCC050

Tgt Ion: 50 Resp: 73828

Ion Ratio Lower Upper

50 100

52 33.7 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

60000

50000

40000

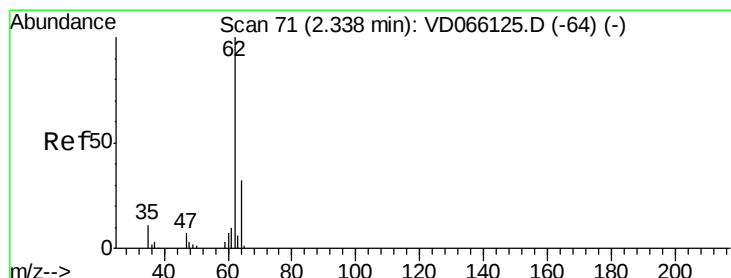
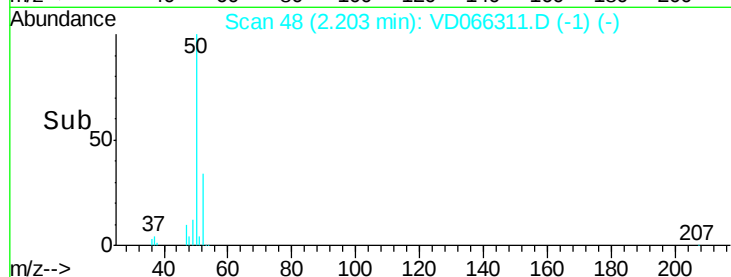
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 48.725 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066311.D

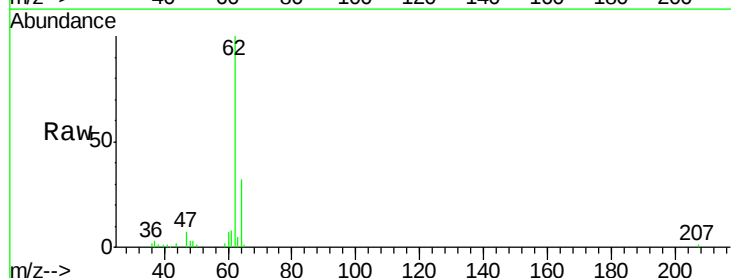
Acq: 19 Aug 2020 11:16

Tgt Ion: 62 Resp: 76572

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

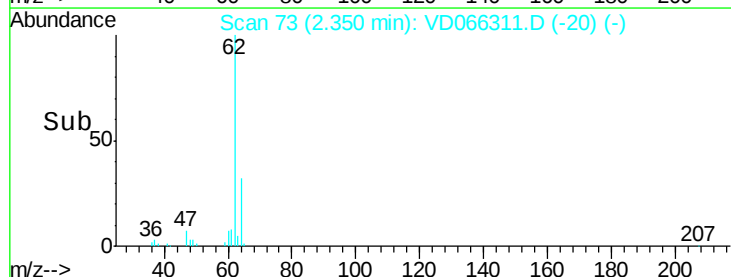
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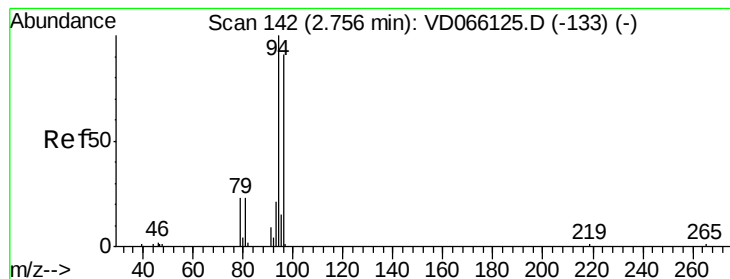
20000

10000

0

Time-->





#5

Bromomethane

Concen: 51.073 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

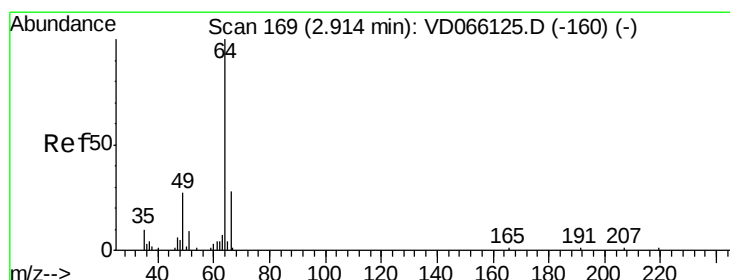
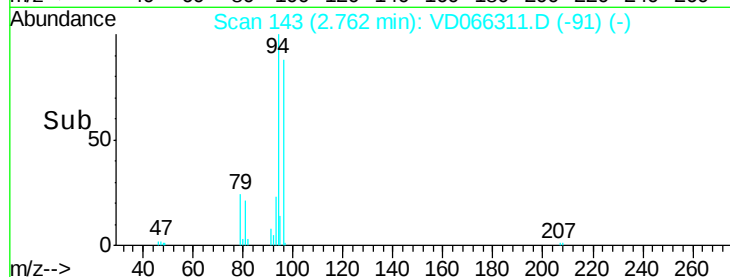
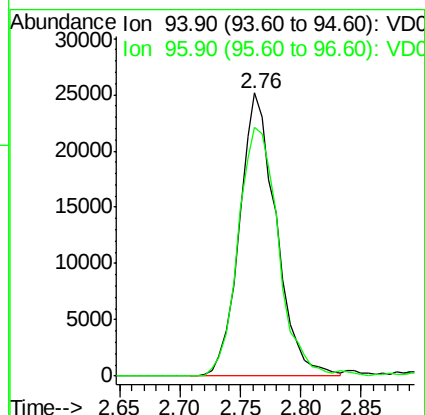
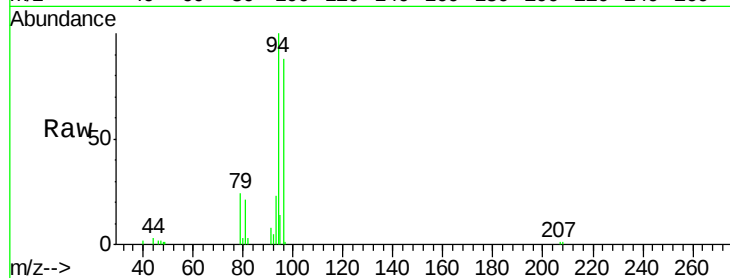
VSTDCCC050

Tgt Ion: 94 Resp: 53250

Ion Ratio Lower Upper

94 100

96 88.0 72.6 109.0



#6

Chloroethane

Concen: 50.794 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066311.D

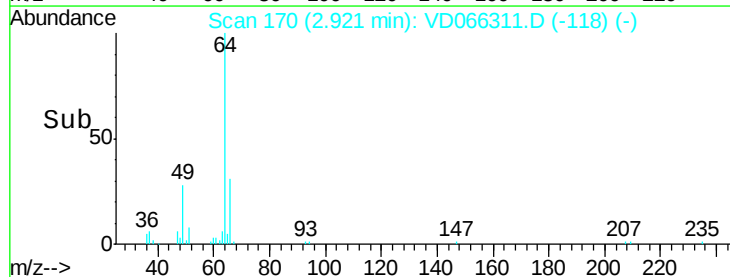
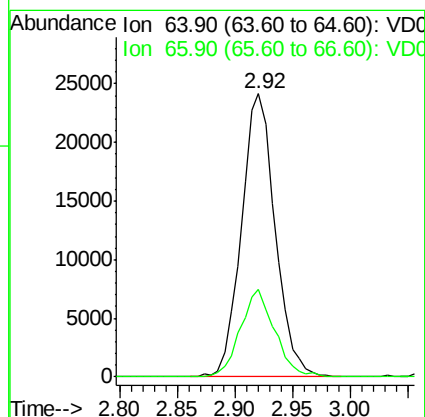
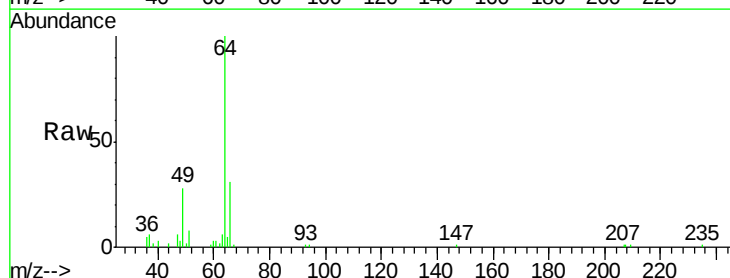
Acq: 19 Aug 2020 11:16

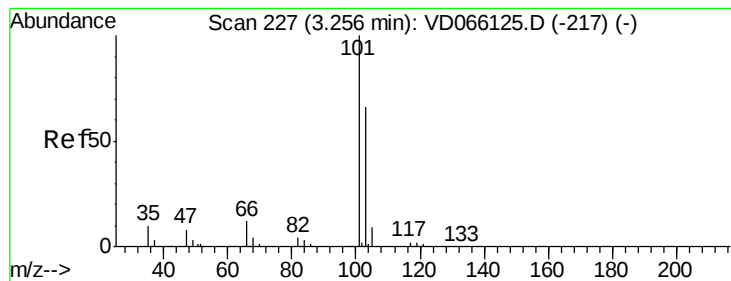
Tgt Ion: 64 Resp: 48999

Ion Ratio Lower Upper

64 100

66 30.9 22.0 33.0



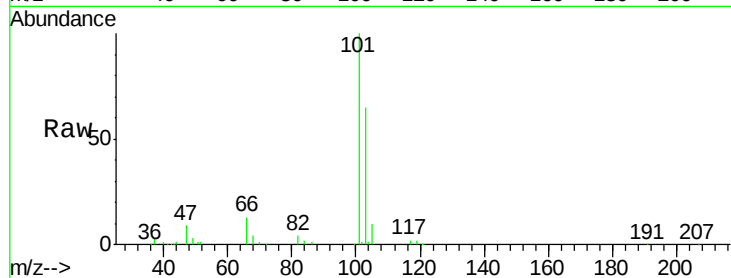


#7

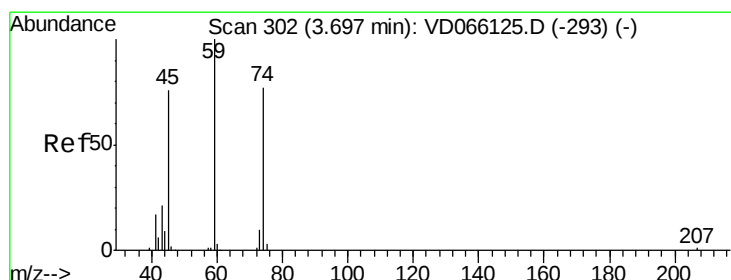
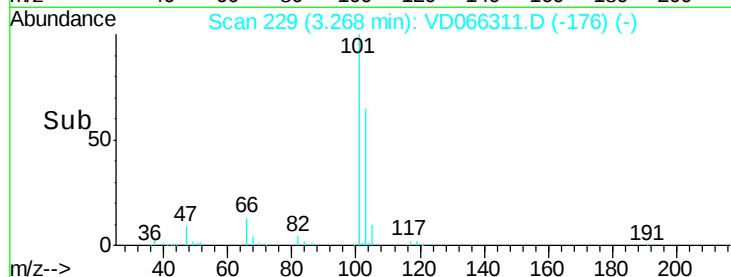
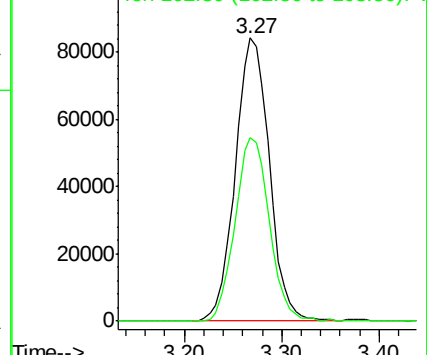
Trichlorofluoromethane
 Concen: 49.909 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 204479
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.0 79.6



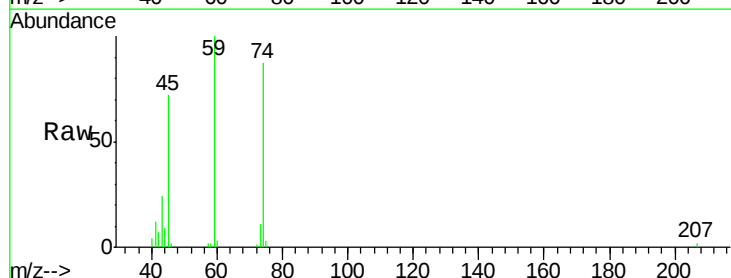
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



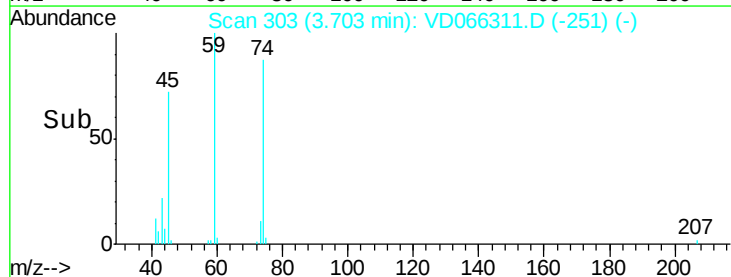
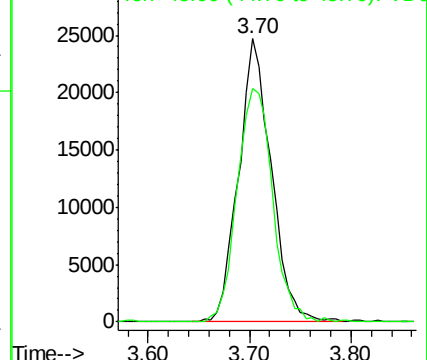
#8

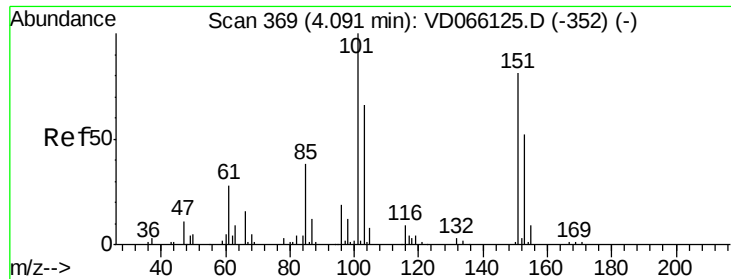
Diethyl Ether
 Concen: 47.741 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 74 Resp: 55191
 Ion Ratio Lower Upper
 74 100
 45 89.2 48.4 145.2



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: 48.880 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

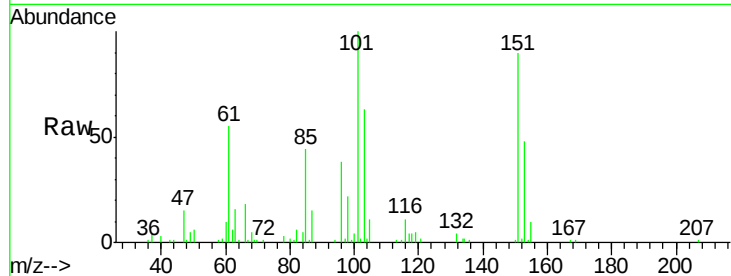
Tgt Ion:101 Resp: 118851

Ion Ratio Lower Upper

101 100

85 43.8 33.5 50.3

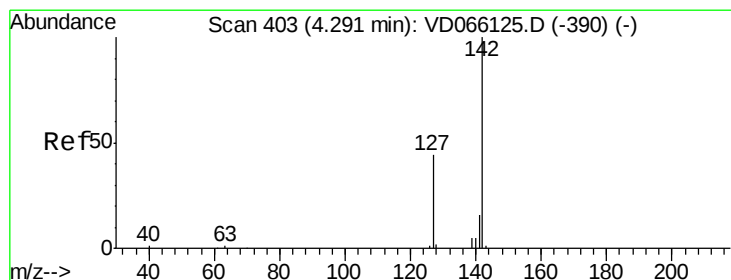
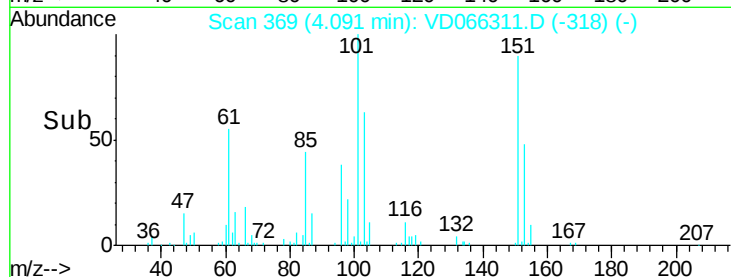
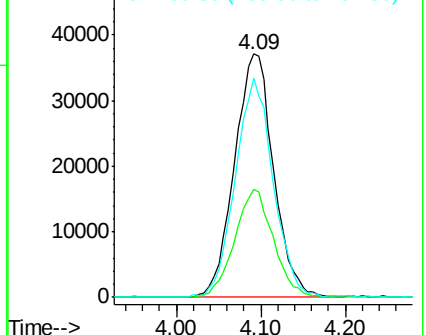
151 87.3 67.8 101.8



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: 56.223 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

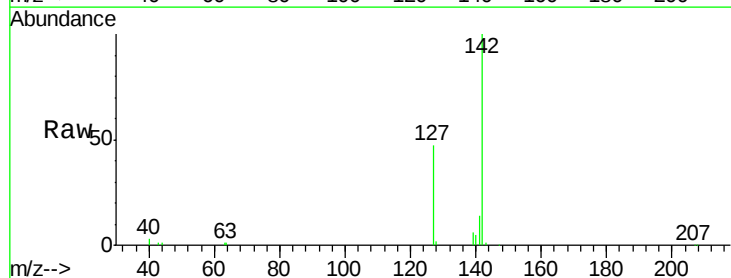
Tgt Ion:142 Resp: 126595

Ion Ratio Lower Upper

142 100

127 48.2 36.2 54.4

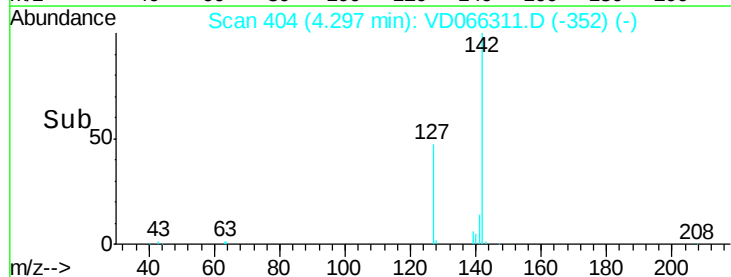
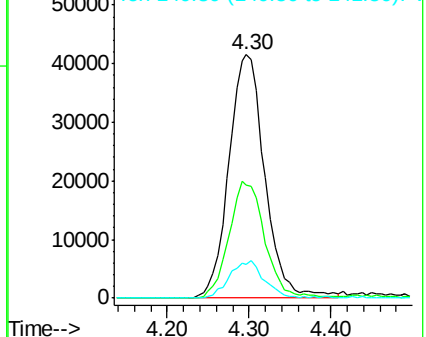
141 14.6 12.6 18.8



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



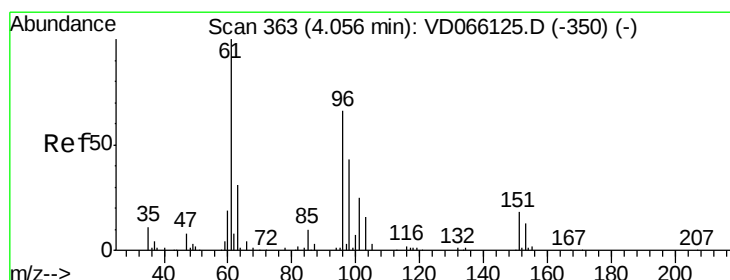
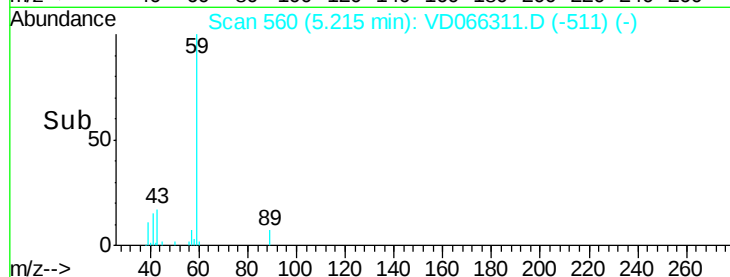
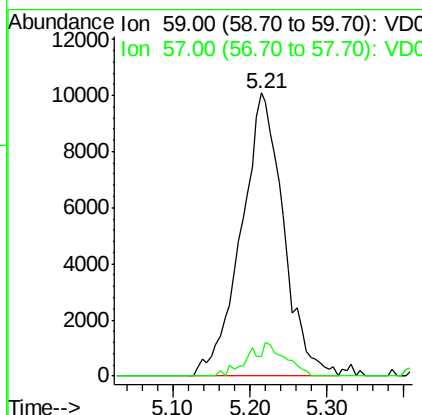
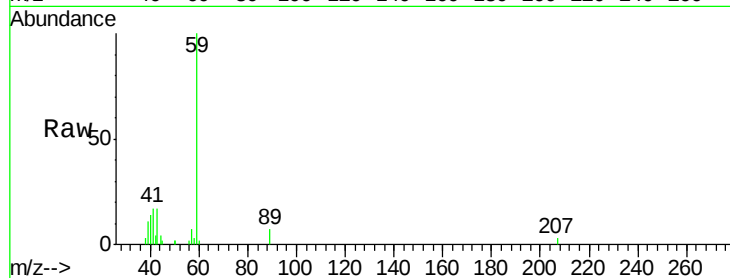


#11

Tert butyl alcohol
 Concen: 219.004 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

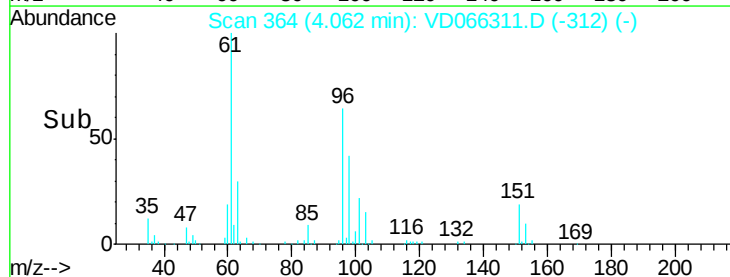
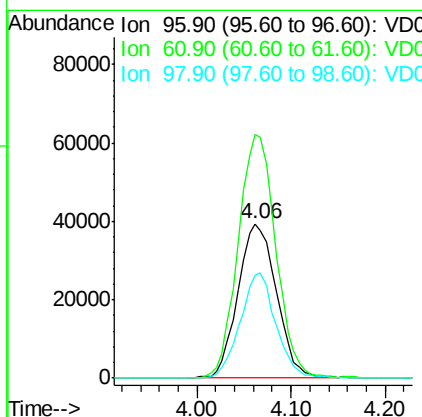
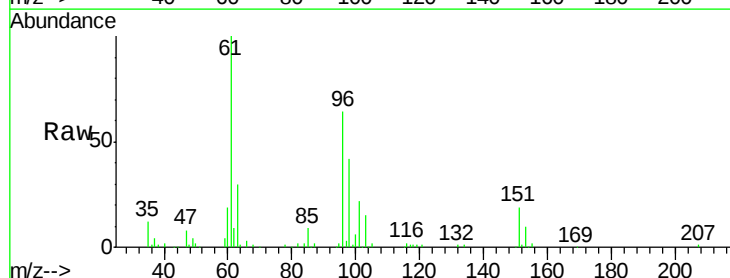
Tgt Ion: 59 Resp: 38600
 Ion Ratio Lower Upper
 59 100
 57 6.7 7.0 10.4#

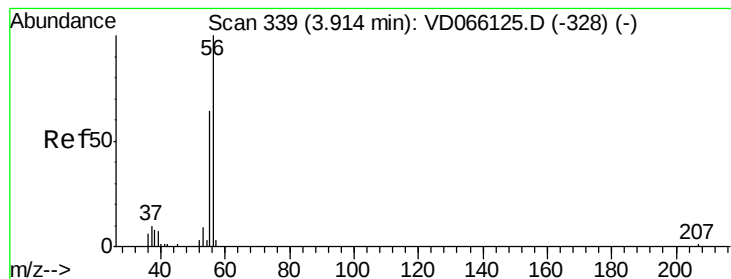


#12

1,1-Dichloroethene
 Concen: 48.784 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 96 Resp: 111897
 Ion Ratio Lower Upper
 96 100
 61 157.5 121.6 182.4
 98 66.4 52.0 78.0





#13

Acrolein

Concen: 192.643 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

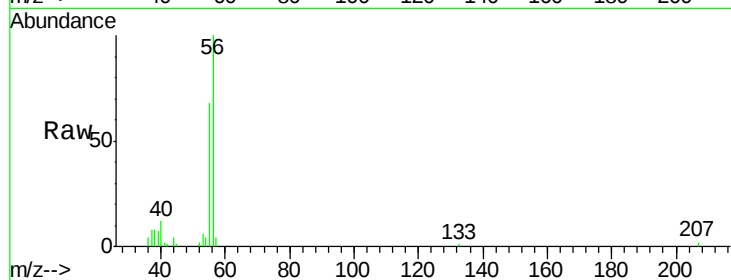
VSTDCCC050

Tgt Ion: 56 Resp: 35432

Ion Ratio Lower Upper

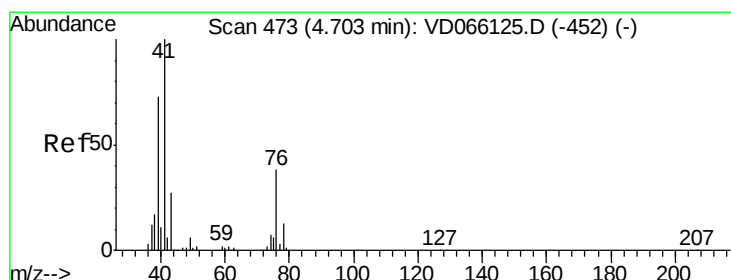
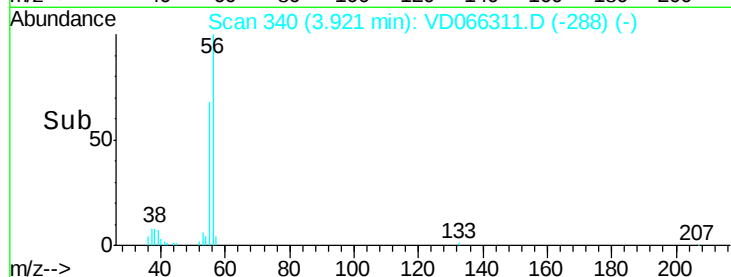
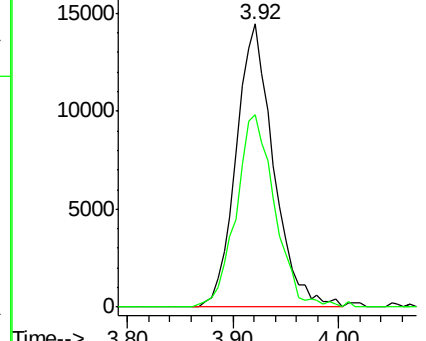
56 100

55 70.2 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 46.489 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

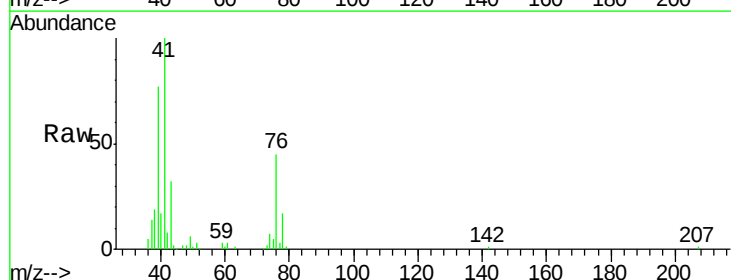
Tgt Ion: 41 Resp: 161549

Ion Ratio Lower Upper

41 100

39 78.1 57.4 86.0

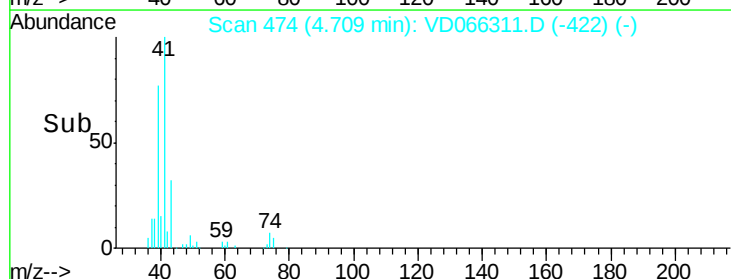
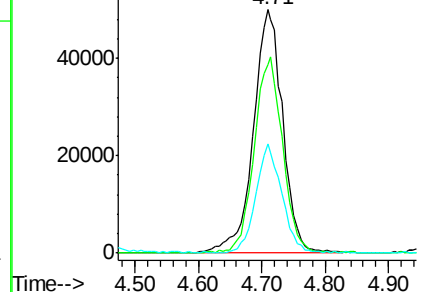
76 39.9 30.1 45.1

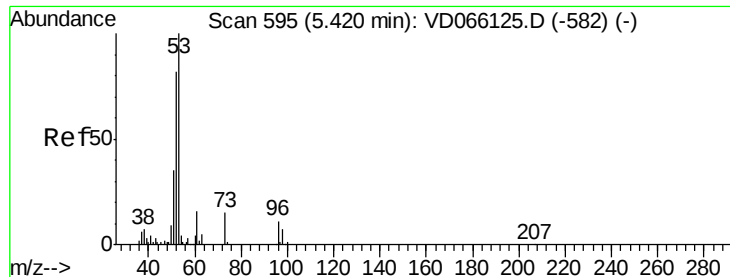


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 239.569 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

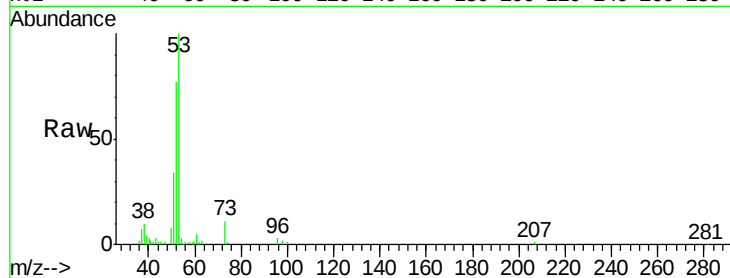
Tgt Ion: 53 Resp: 116705

Ion Ratio Lower Upper

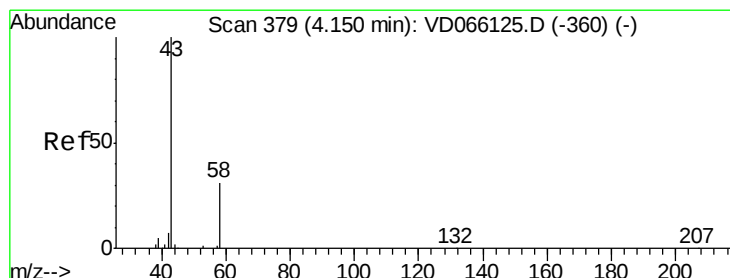
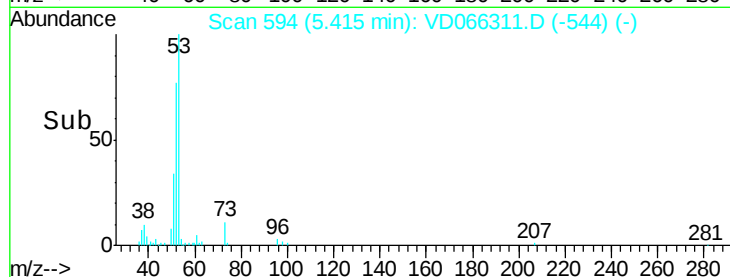
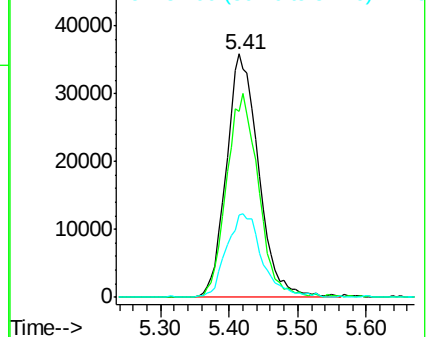
53 100

52 82.6 66.1 99.1

51 37.5 30.8 46.2



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: 265.531 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066311.D

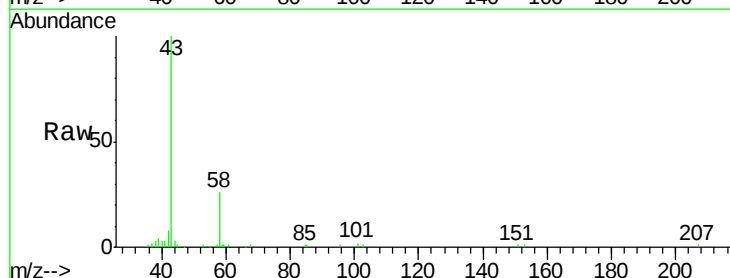
Acq: 19 Aug 2020 11:16

Tgt Ion: 43 Resp: 116418

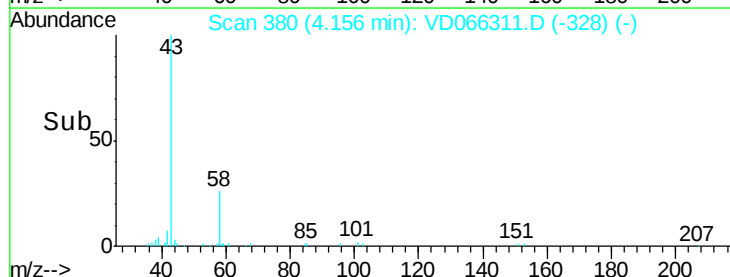
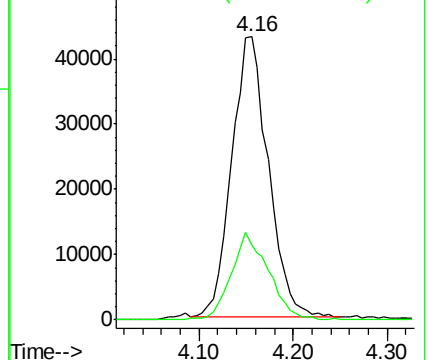
Ion Ratio Lower Upper

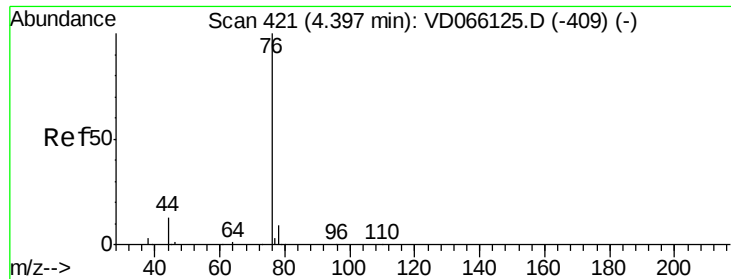
43 100

58 26.5 24.7 37.1



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

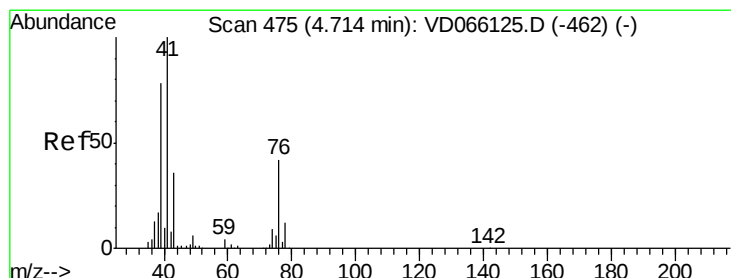
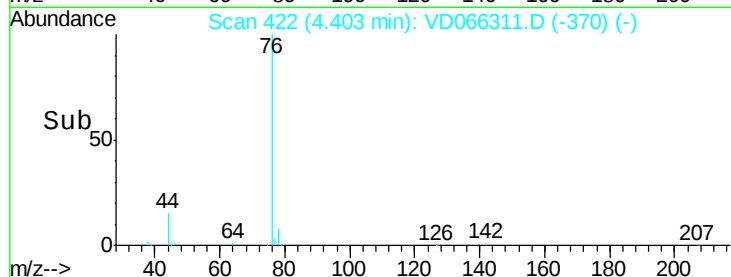
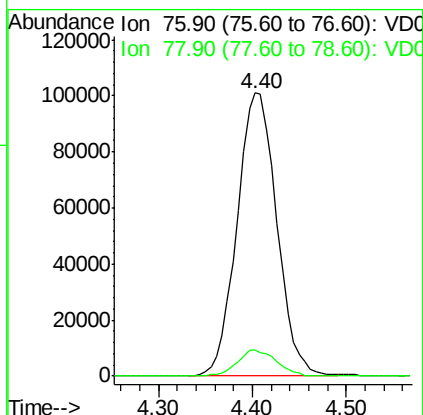
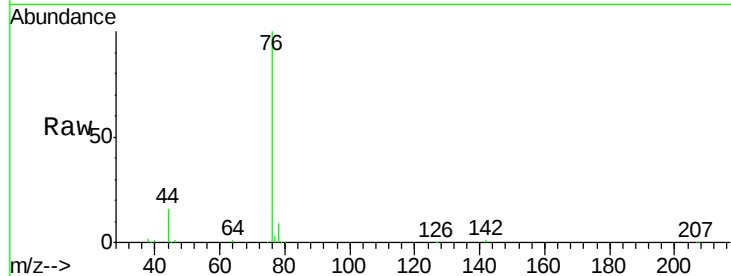




#17
Carbon Disulfide
Concen: 40.587 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

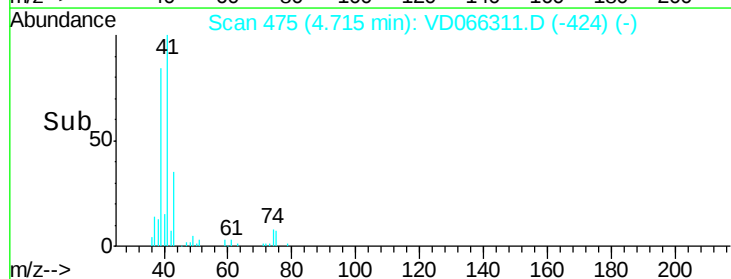
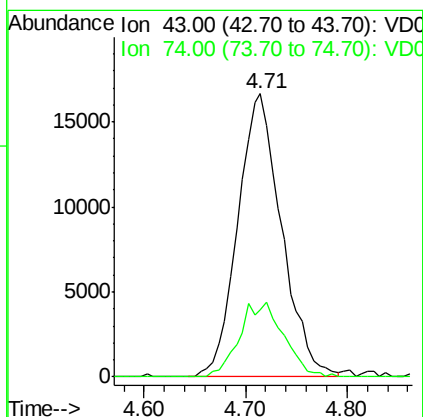
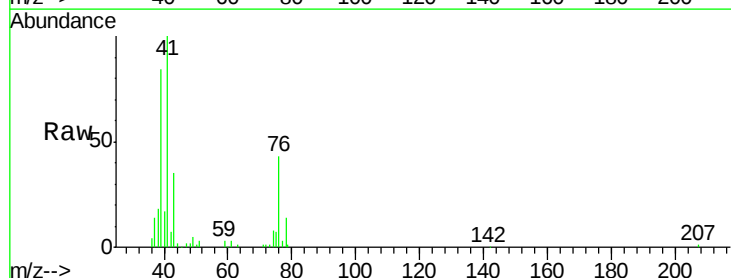
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

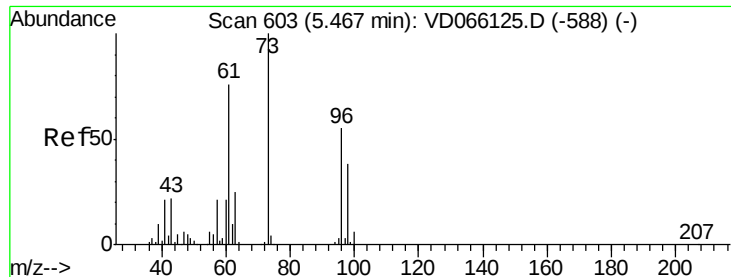
Tgt Ion: 76 Resp: 296005
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 44.698 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 43 Resp: 49777
Ion Ratio Lower Upper
43 100
74 26.7 21.2 31.8



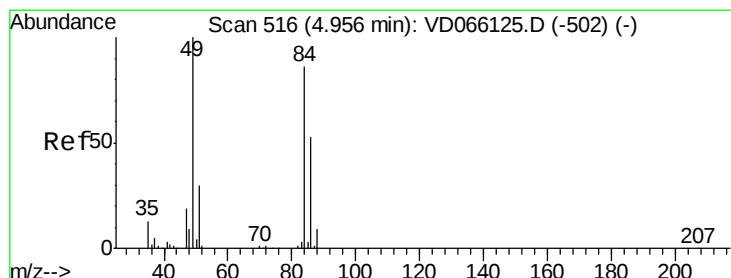
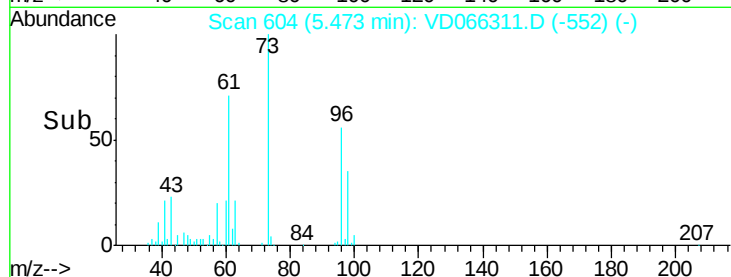
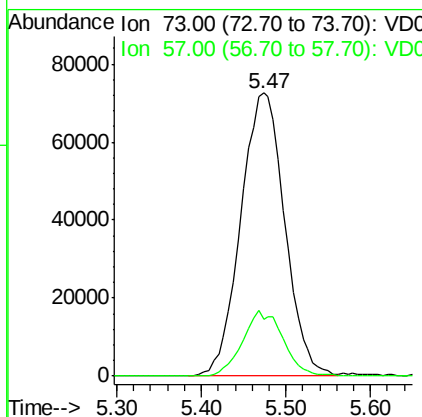
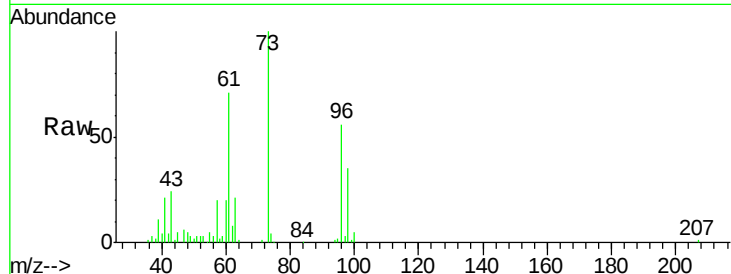


#19

Methyl tert-butyl Ether
 Concen: 49.944 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

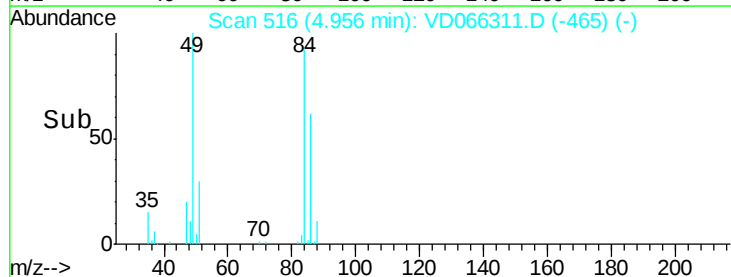
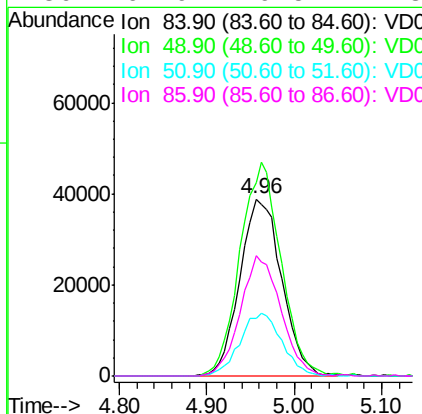
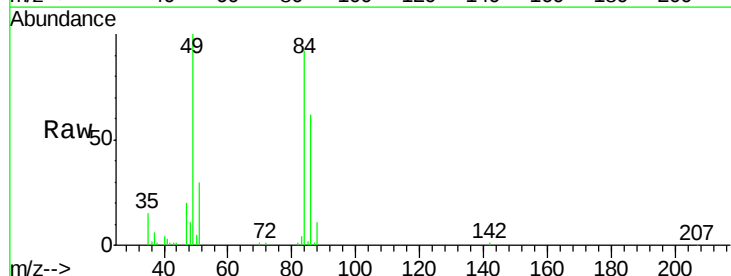
Tgt Ion: 73 Resp: 262573
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.1 25.7

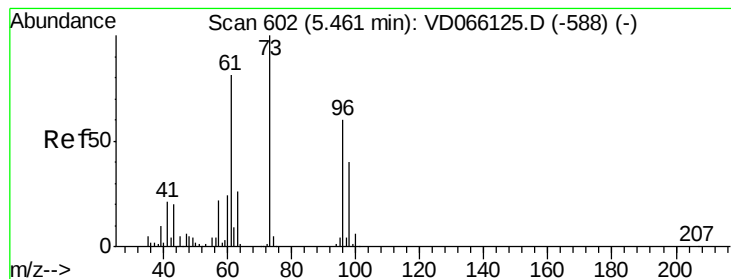


#20

Methylene Chloride
 Concen: 50.331 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 84 Resp: 126650
 Ion Ratio Lower Upper
 84 100
 49 108.7 93.5 140.3
 51 32.7 28.2 42.4
 86 67.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.822 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

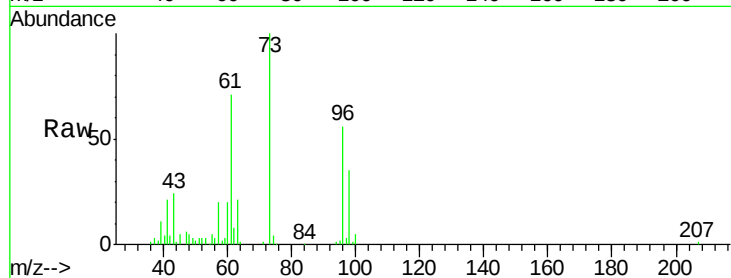
Tgt Ion: 96 Resp: 123375

Ion Ratio Lower Upper

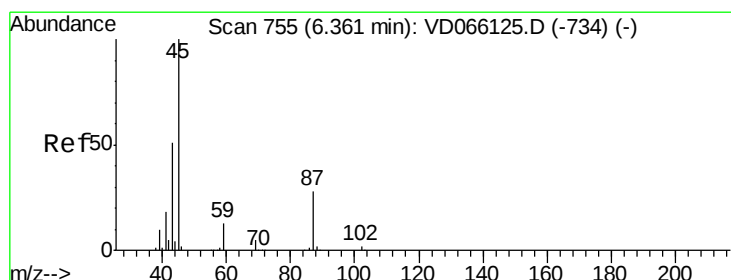
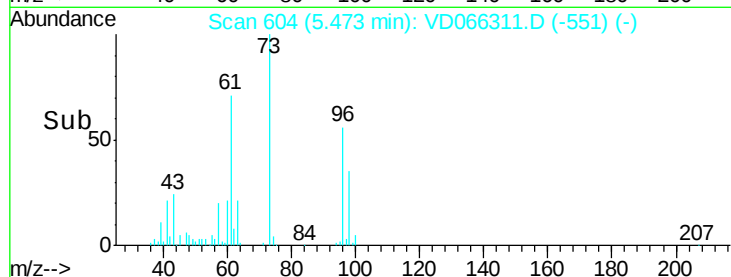
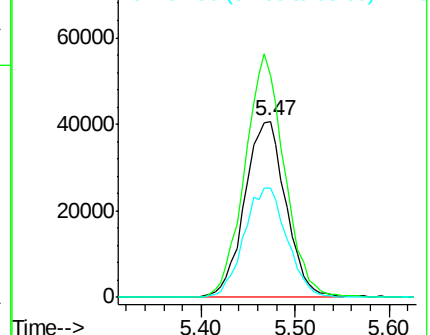
96 100

61 126.3 106.9 160.3

98 62.3 53.4 80.0



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



#22

Diisopropyl ether

Concen: 47.554 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Tgt Ion: 45 Resp: 326780

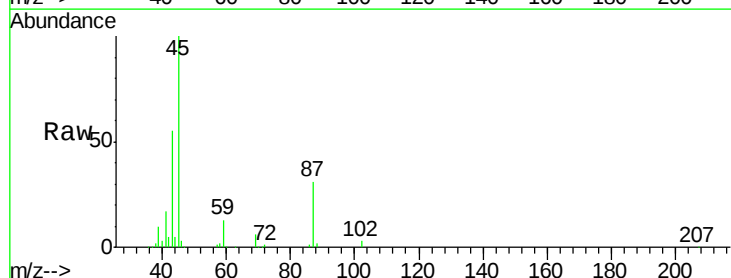
Ion Ratio Lower Upper

45 100

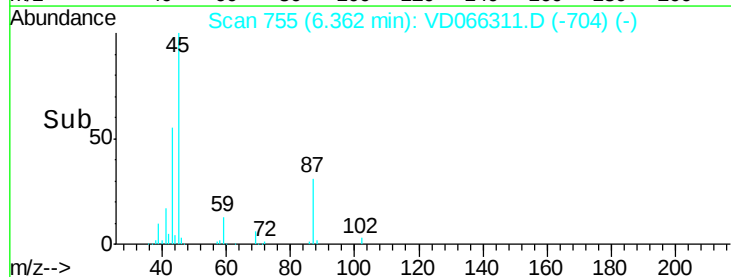
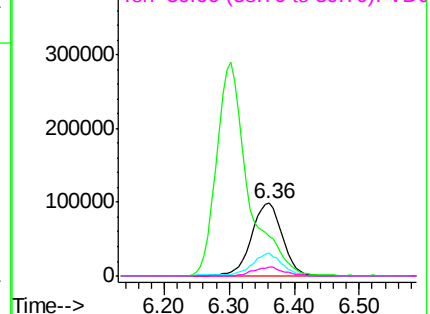
43 54.5 41.2 61.8

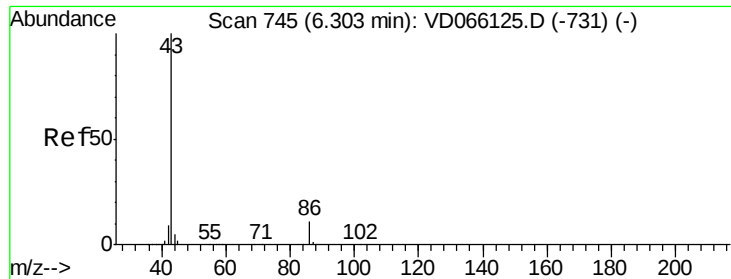
87 31.0 22.8 34.2

59 13.0 10.2 15.2



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: 241.456 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

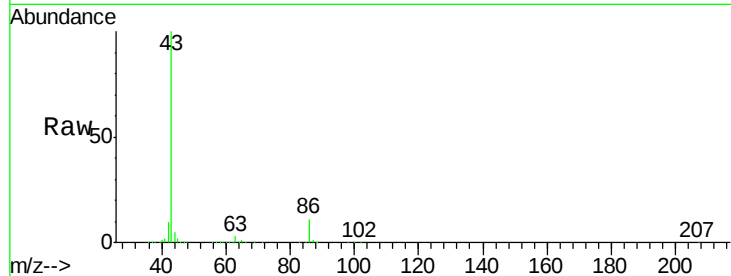
VSTDCCC050

Tgt Ion: 43 Resp: 972046

Ion Ratio Lower Upper

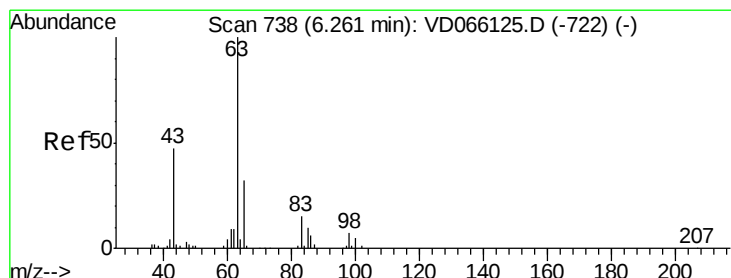
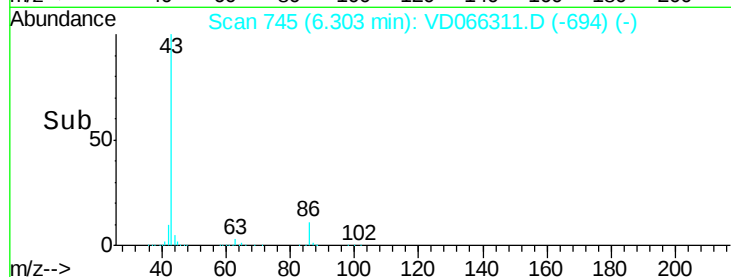
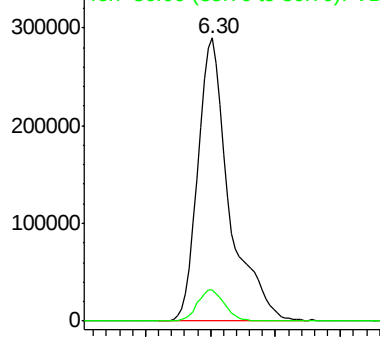
43 100

86 10.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.788 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

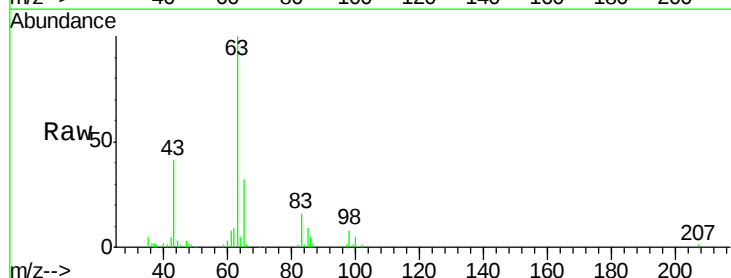
Tgt Ion: 63 Resp: 207482

Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.5

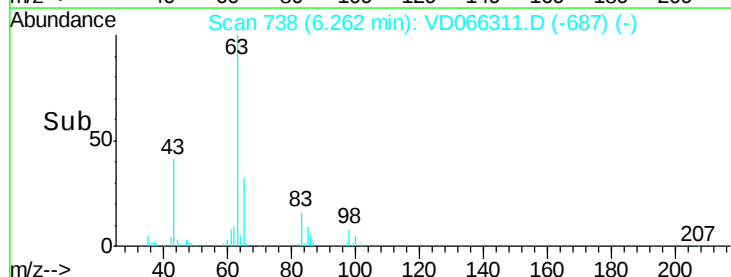
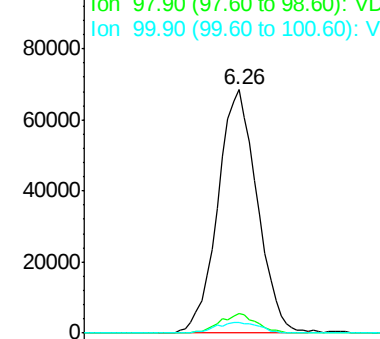
100 4.6 2.4 7.2

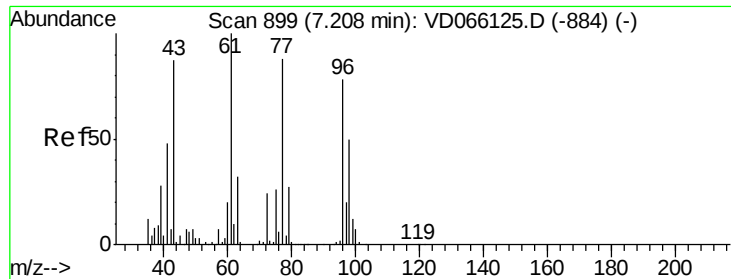


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 238.410 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

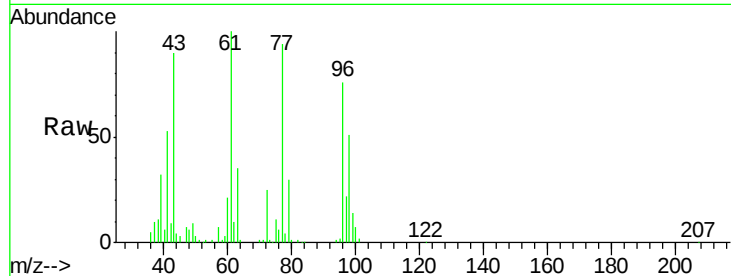
VSTDCCC050

Tgt Ion: 43 Resp: 153740

Ion Ratio Lower Upper

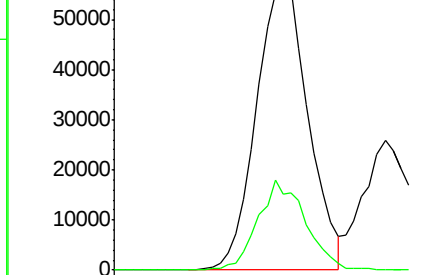
43 100

72 27.3 22.2 33.2

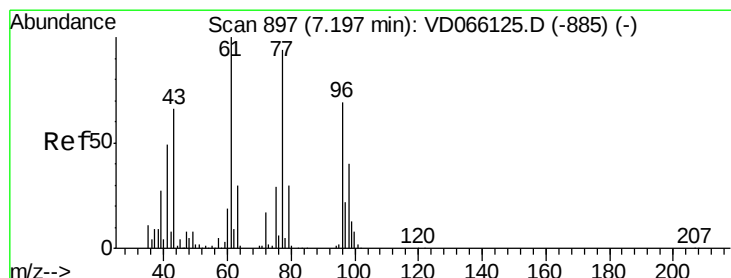
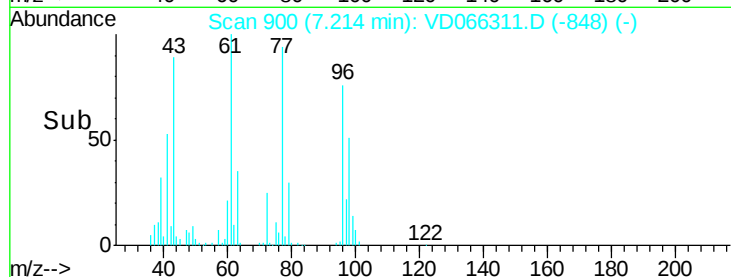


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 53.361 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066311.D

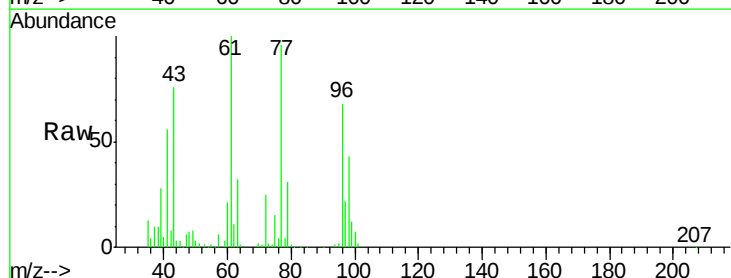
Acq: 19 Aug 2020 11:16

Tgt Ion: 77 Resp: 203390

Ion Ratio Lower Upper

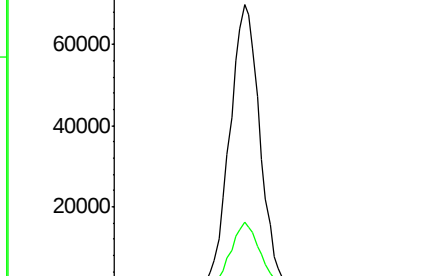
77 100

97 22.8 11.8 35.3

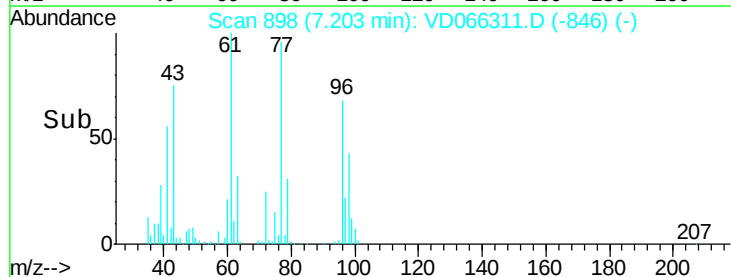


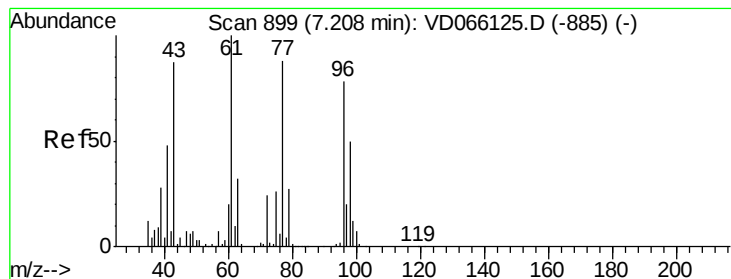
Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->



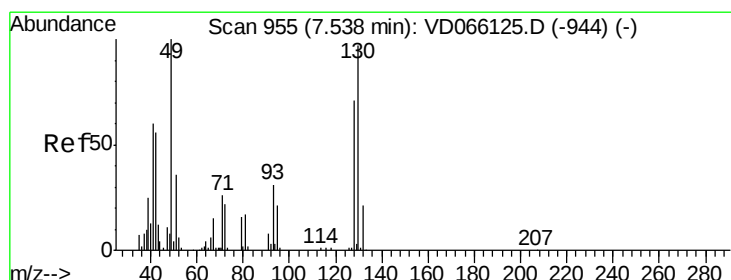
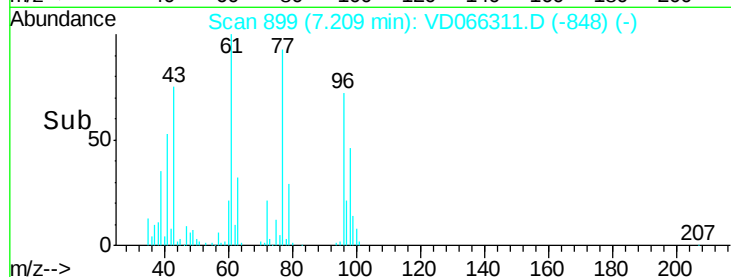
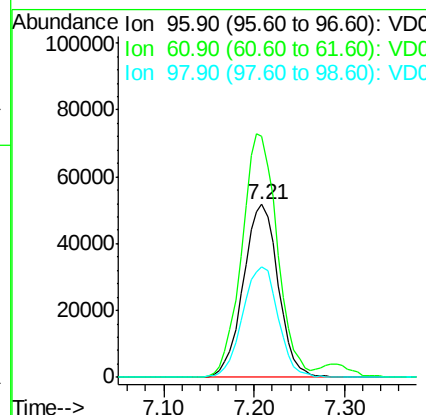
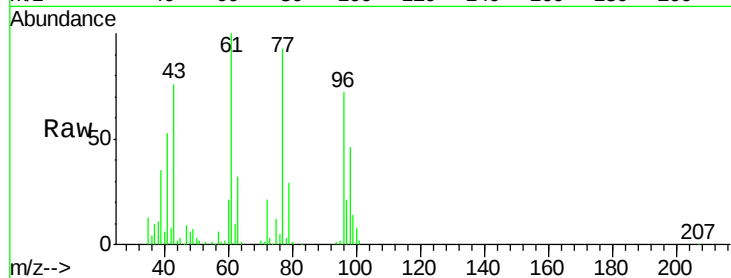


#27

cis-1,2-Dichloroethene
 Concen: 50.069 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

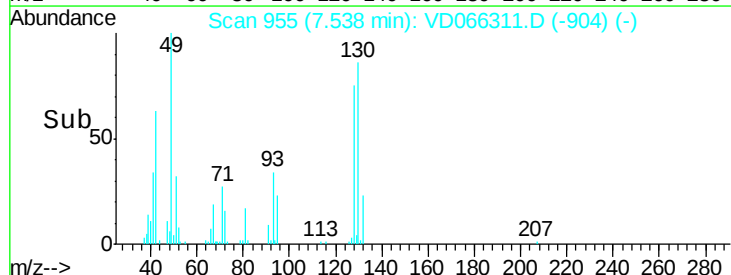
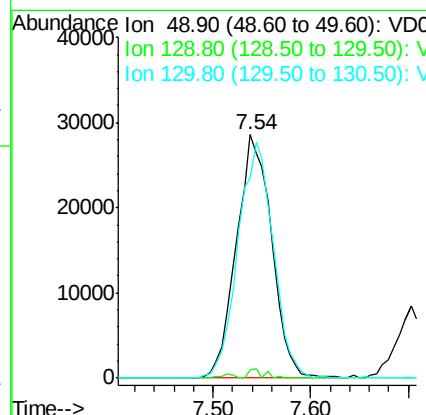
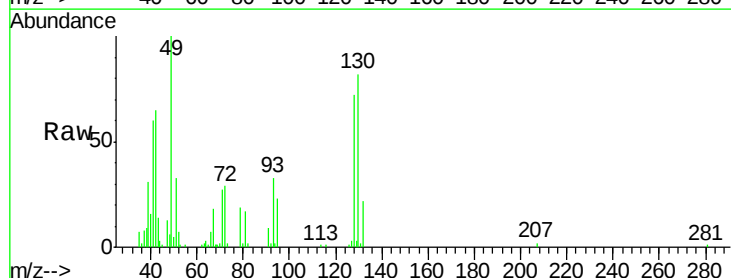
Tgt Ion: 96 Resp: 138380
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 281.6
 98 65.5 0.0 130.8

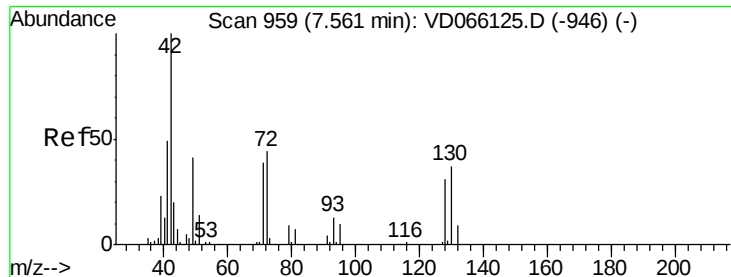


#28

Bromochloromethane
 Concen: 48.009 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 49 Resp: 71709
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 96.4 73.8 110.6

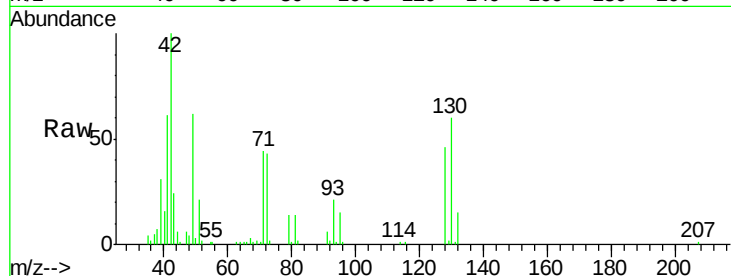




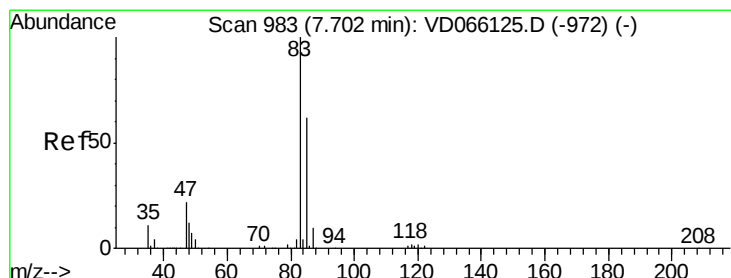
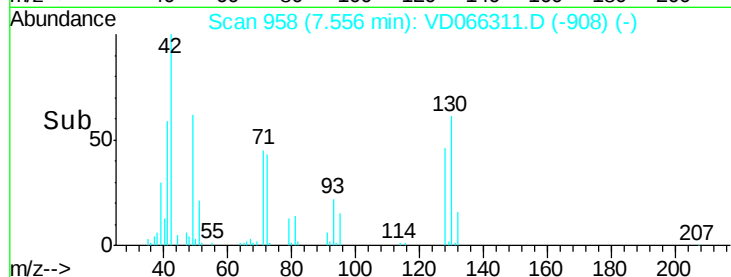
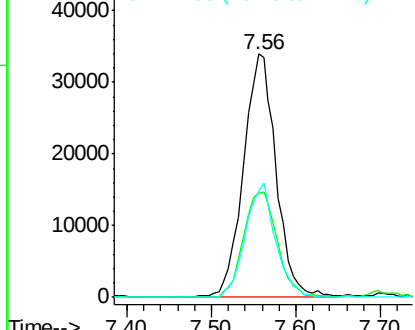
#29
Tetrahydrofuran
Concen: 227.955 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 91075
Ion Ratio Lower Upper
42 100
72 44.9 34.8 52.2
71 43.5 33.5 50.3

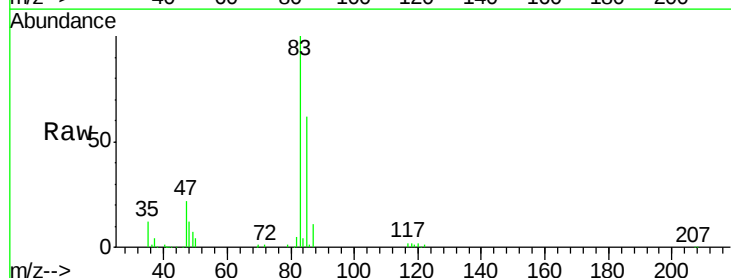


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

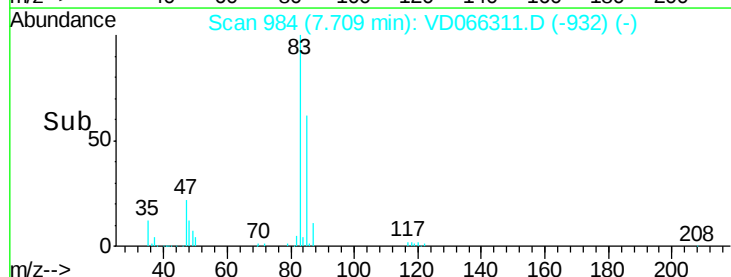
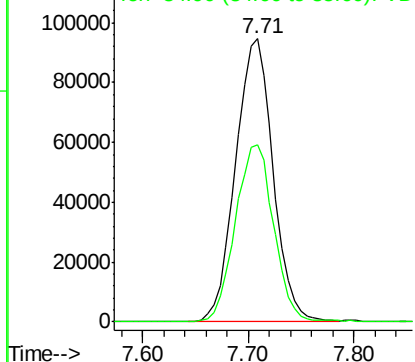


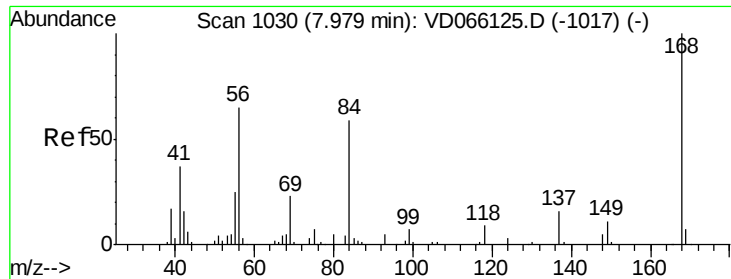
#30
Chloroform
Concen: 52.267 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 83 Resp: 233396
Ion Ratio Lower Upper
83 100
85 62.4 49.5 74.3



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

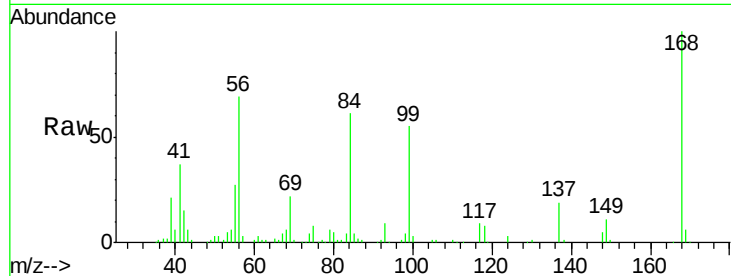




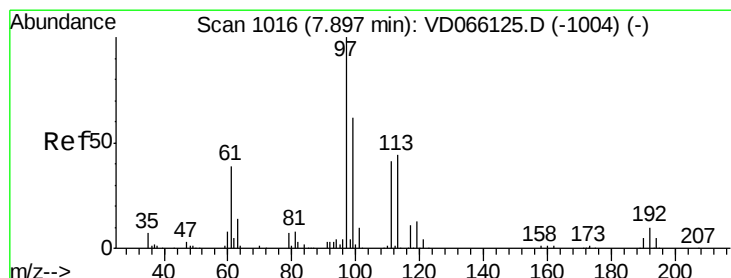
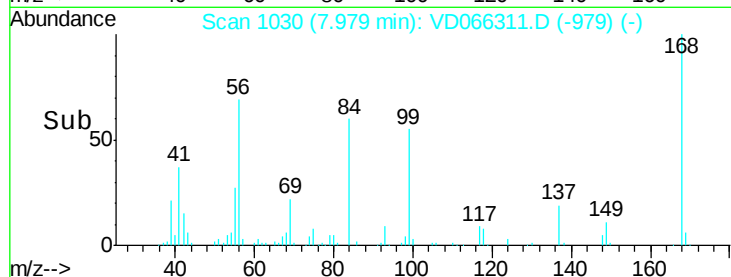
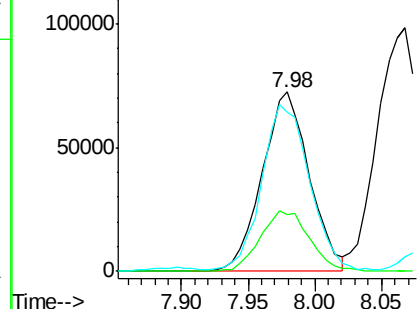
#31
Cyclohexane
Concen: 43.854 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 177529
Ion Ratio Lower Upper
56 100
69 31.8 28.8 43.2
84 87.3 73.0 109.6

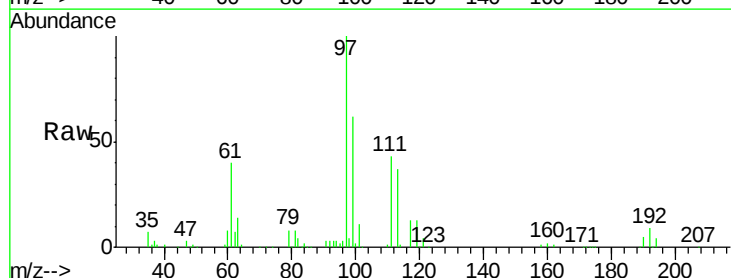


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

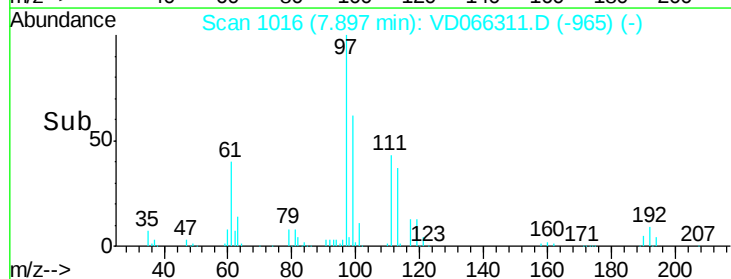
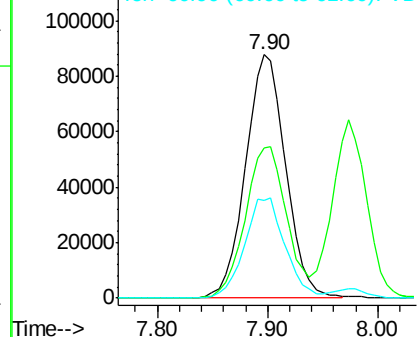


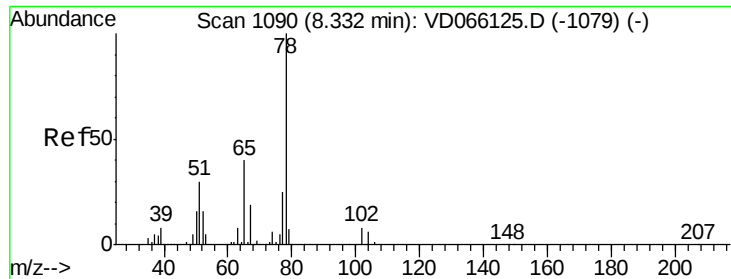
#32
1,1,1-Trichloroethane
Concen: 53.448 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 97 Resp: 223781
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 41.4 32.7 49.1



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: 52.429 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

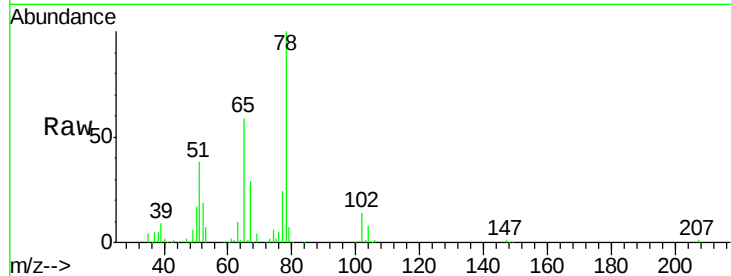
VSTDCCC050

Tgt Ion: 65 Resp: 121146

Ion Ratio Lower Upper

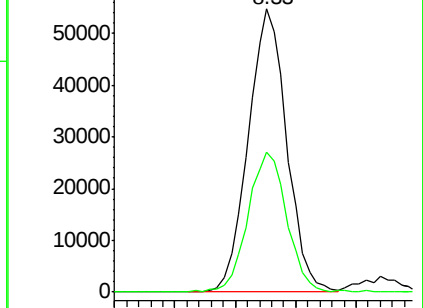
65 100

67 50.0 0.0 104.6

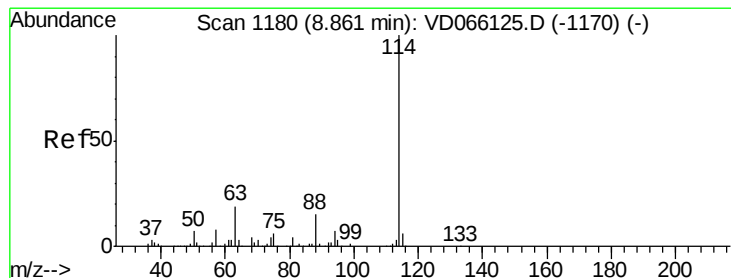
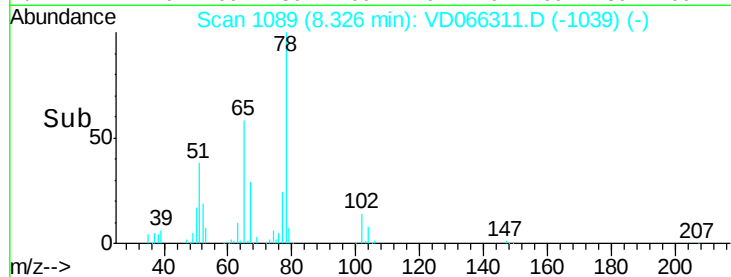


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

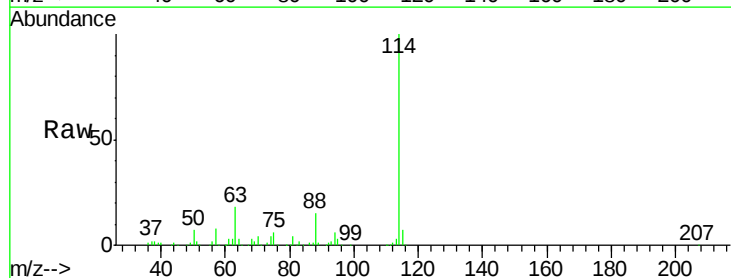
Tgt Ion: 114 Resp: 369102

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.6

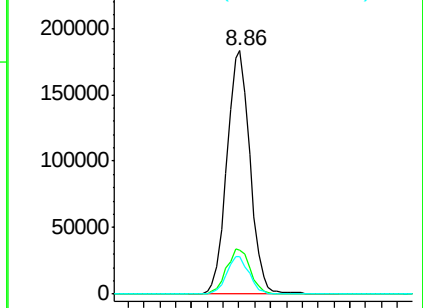
88 15.3 0.0 30.0



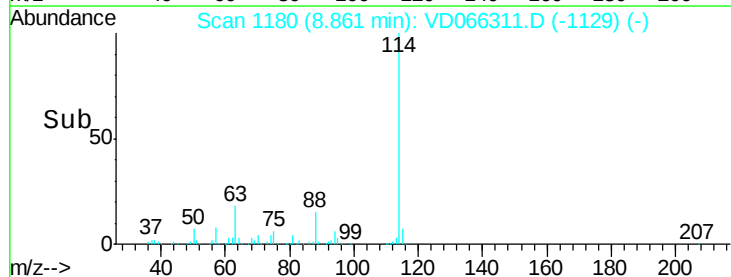
Abundance Ion 113.90 (113.60 to 114.60): V

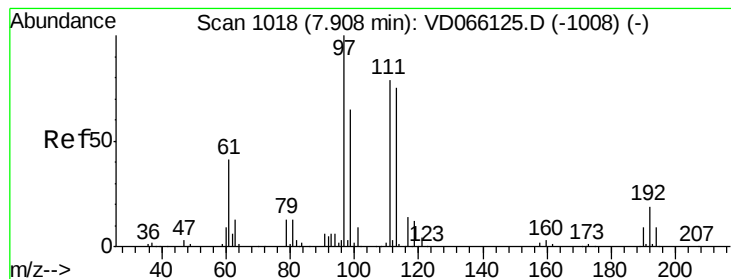
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time--> 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 51.890 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

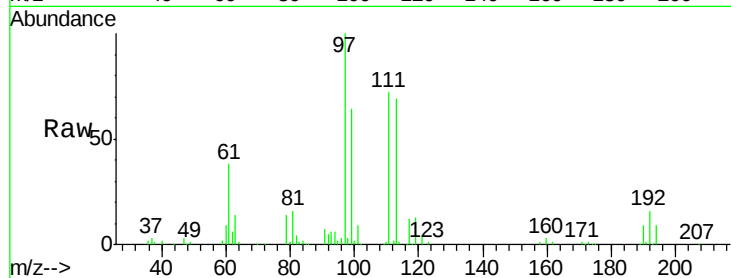
Tgt Ion: 113 Resp: 121331

Ion Ratio Lower Upper

113 100

111 103.9 80.7 121.1

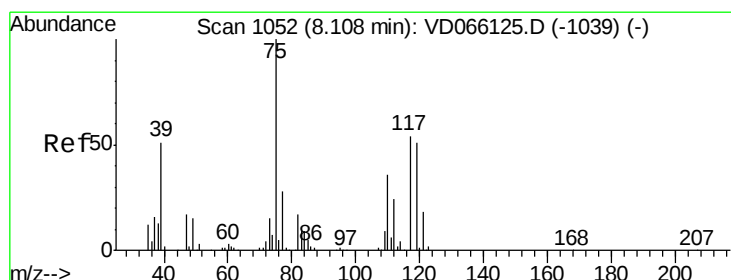
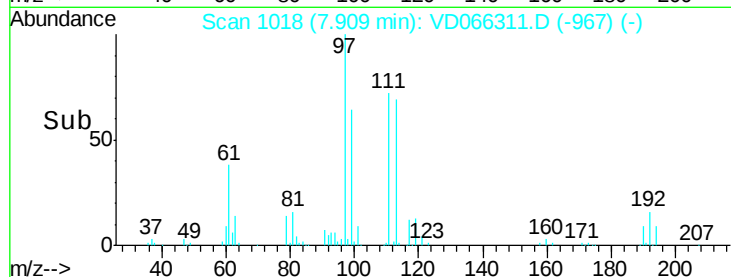
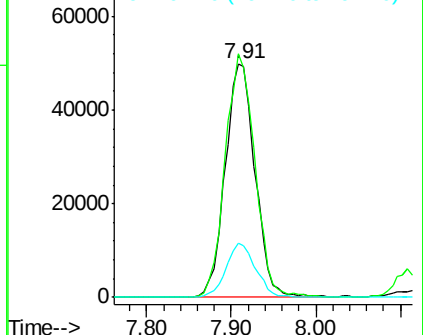
192 22.9 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.674 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

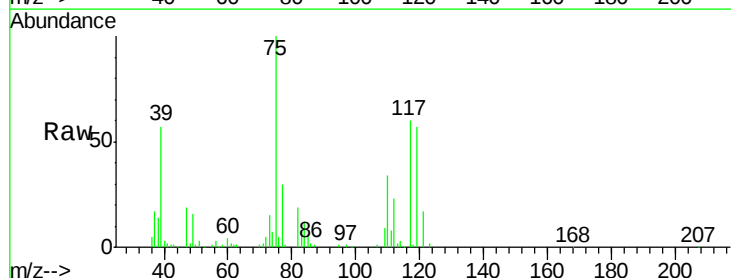
Tgt Ion: 75 Resp: 175760

Ion Ratio Lower Upper

75 100

110 35.2 18.8 56.3

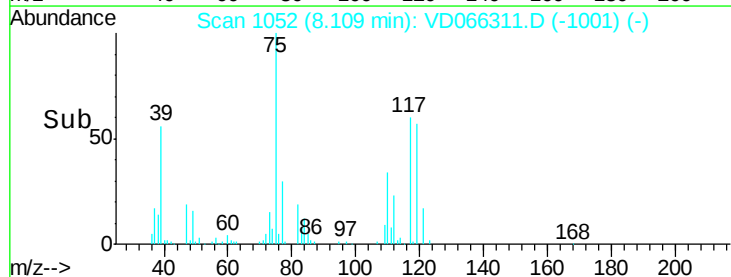
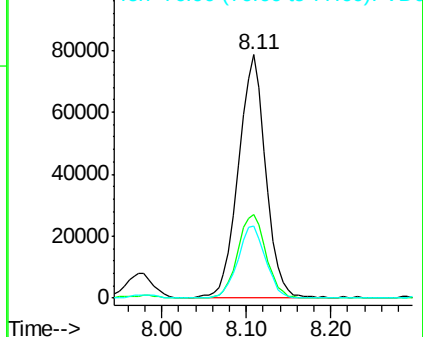
77 30.0 24.2 36.2

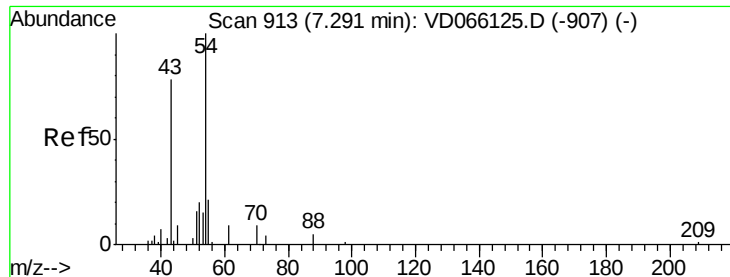


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

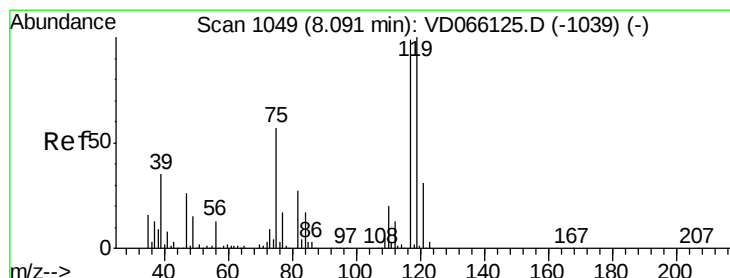
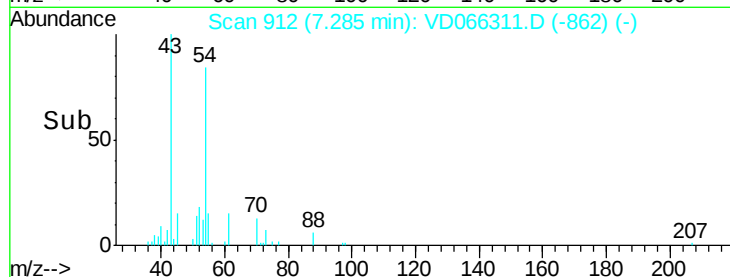
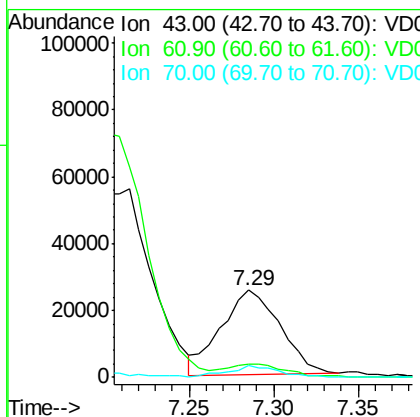
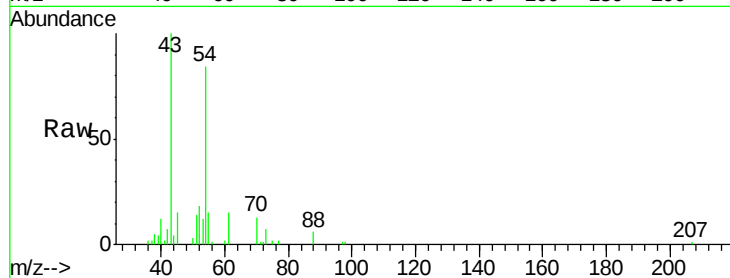




#37
Ethyl Acetate
Concen: 44.532 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

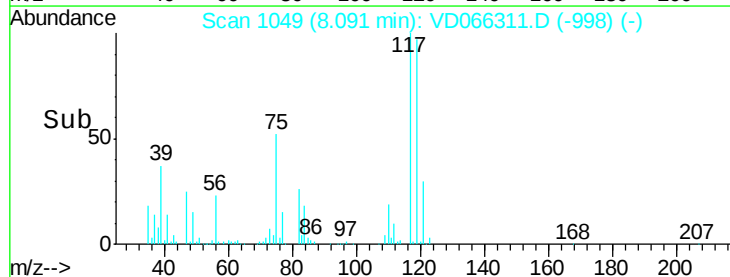
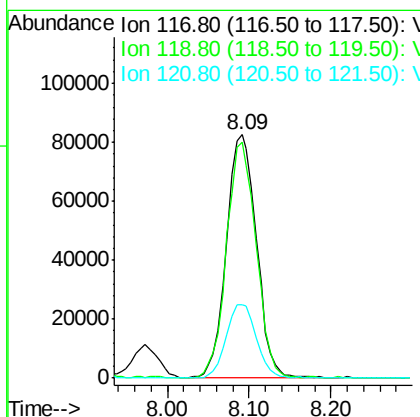
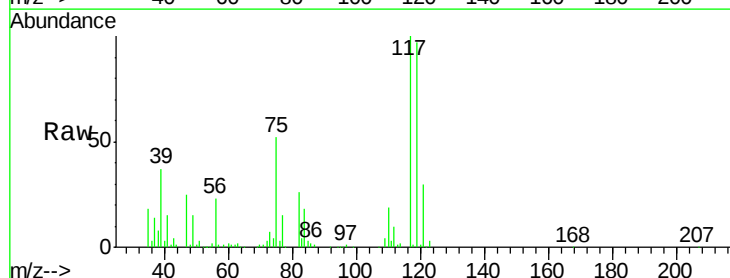
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

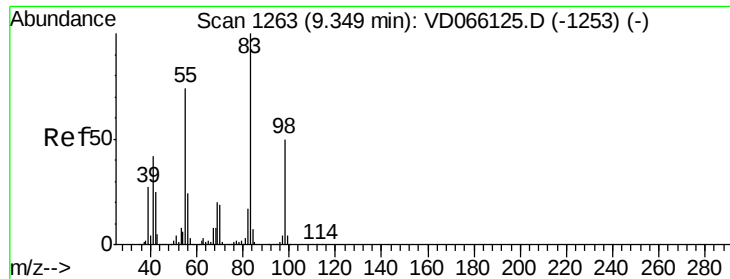
Tgt Ion: 43 Resp: 61197
Ion Ratio Lower Upper
43 100
61 16.5 12.0 18.0
70 12.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 54.402 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 117 Resp: 210417
Ion Ratio Lower Upper
117 100
119 97.2 81.0 121.4
121 30.4 24.8 37.2

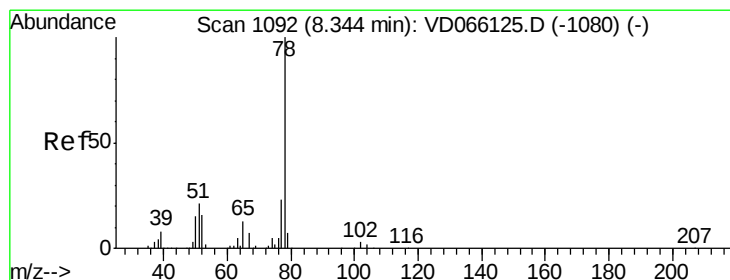
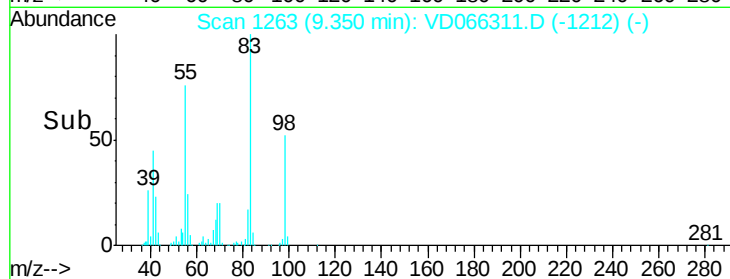
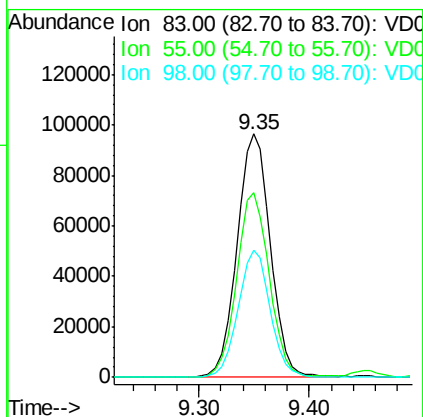
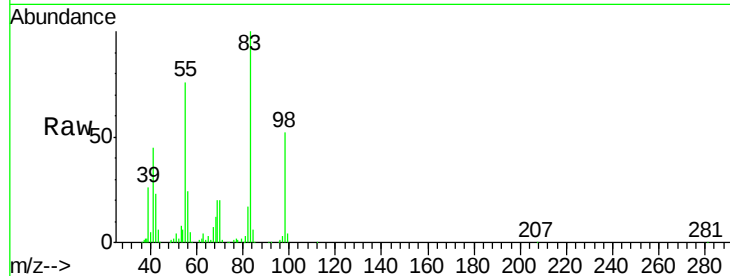




#39
Methylcyclohexane
Concen: 48.841 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

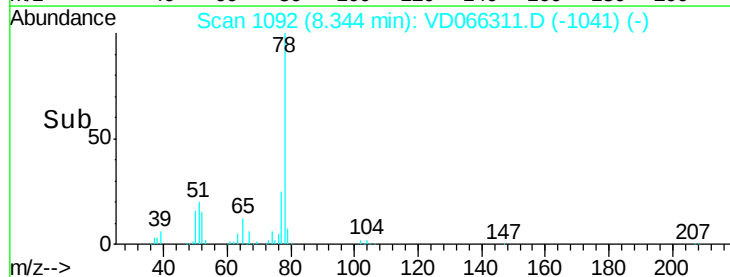
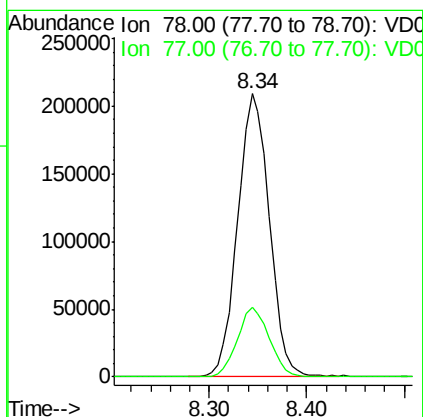
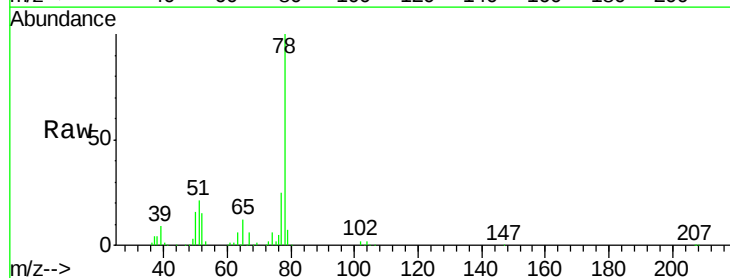
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

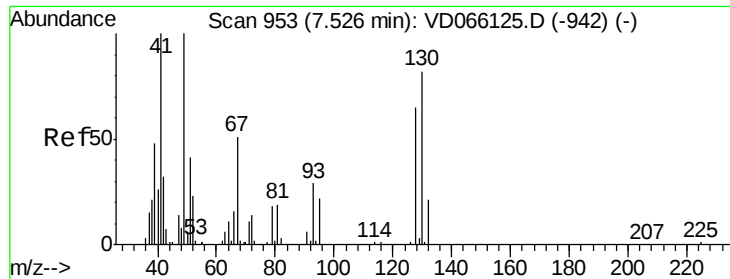
Tgt Ion: 83 Resp: 204781
Ion Ratio Lower Upper
83 100
55 75.7 59.2 88.8
98 52.1 39.8 59.6



#40
Benzene
Concen: 49.010 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 78 Resp: 471557
Ion Ratio Lower Upper
78 100
77 24.7 18.6 27.8





#41

Methacrylonitrile

Concen: 49.476 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 39977

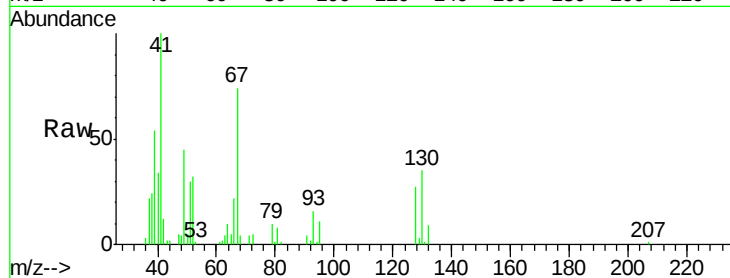
Ion Ratio Lower Upper

41 100

39 65.0 47.5 71.3

67 76.8 59.1 88.7

52 34.1 25.4 38.0

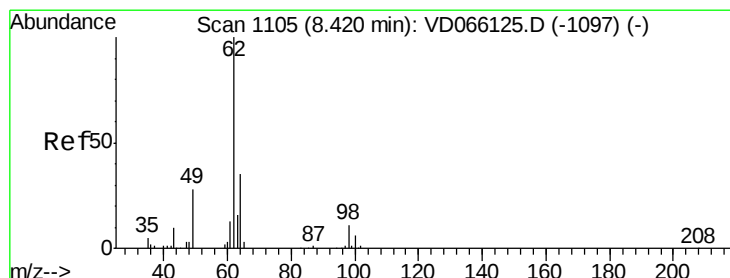
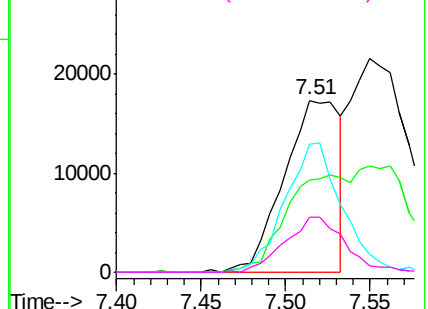
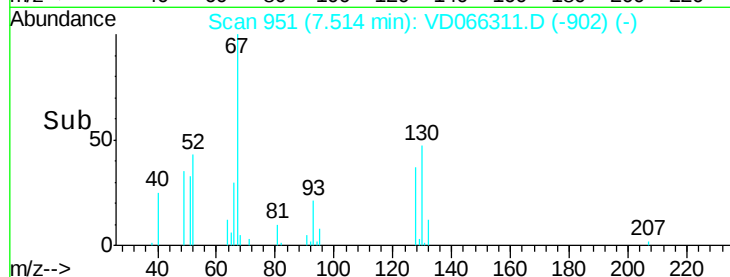


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.579 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066311.D

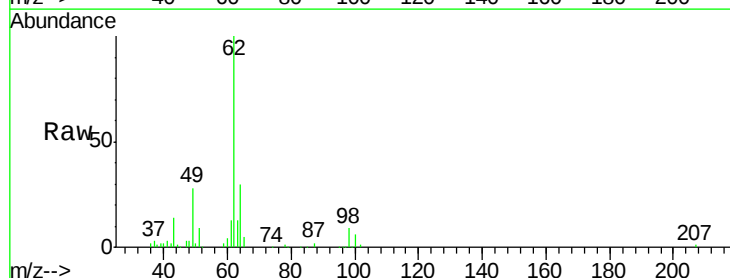
Acq: 19 Aug 2020 11:16

Tgt Ion: 62 Resp: 148620

Ion Ratio Lower Upper

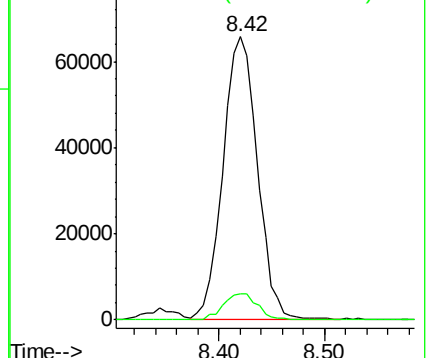
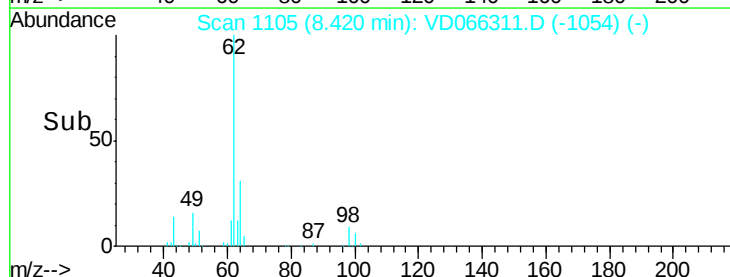
62 100

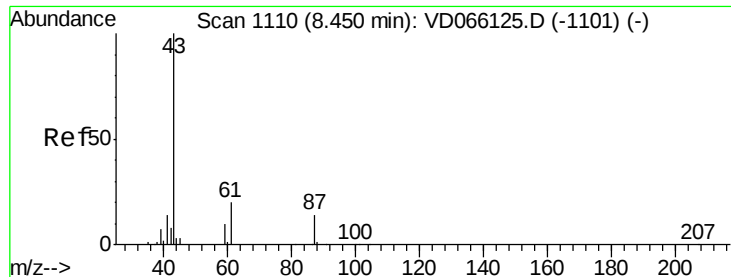
98 9.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 48.269 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

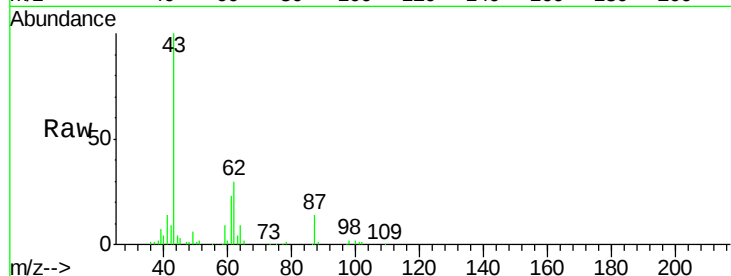
Tgt Ion: 43 Resp: 130696

Ion Ratio Lower Upper

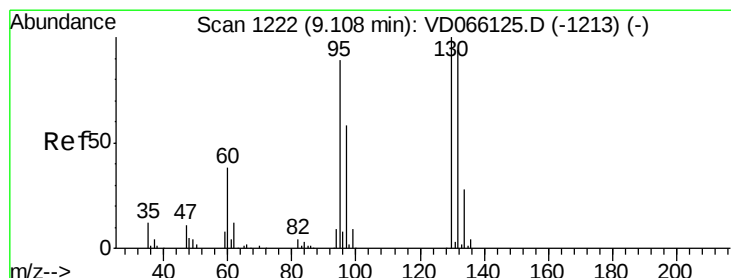
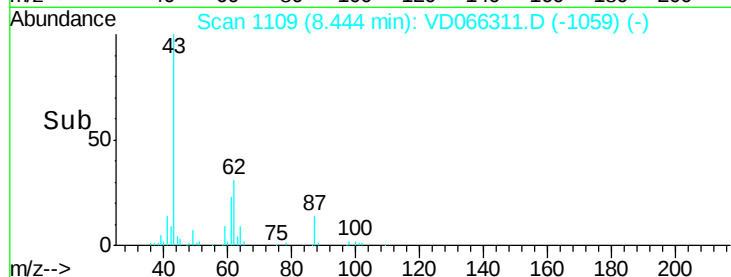
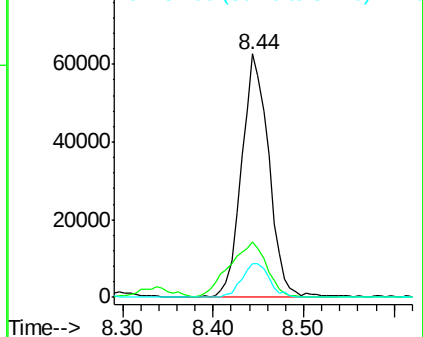
43 100

61 31.3 25.5 38.3

87 14.1 11.2 16.8



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: 51.202 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066311.D

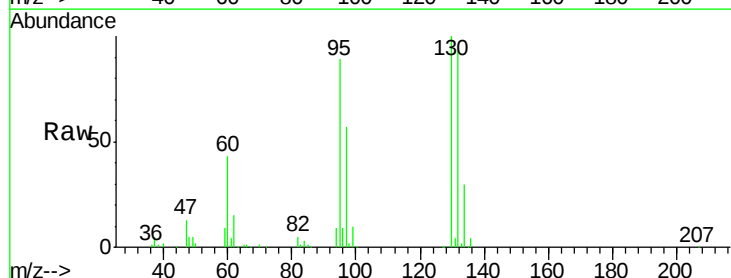
Acq: 19 Aug 2020 11:16

Tgt Ion: 130 Resp: 148452

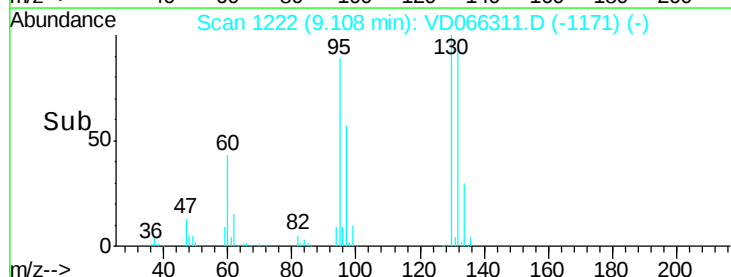
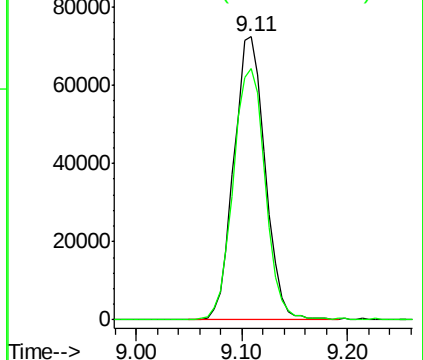
Ion Ratio Lower Upper

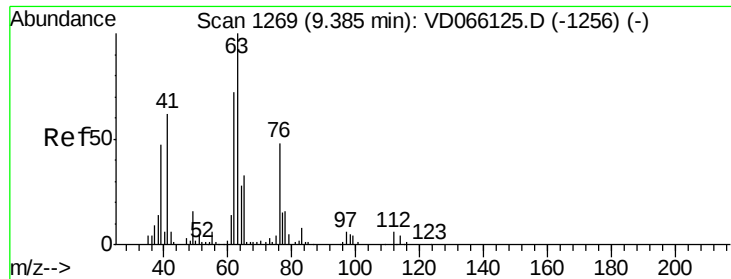
130 100

95 88.8 0.0 178.4



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





#45

1,2-Dichloropropane

Concen: 49.417 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

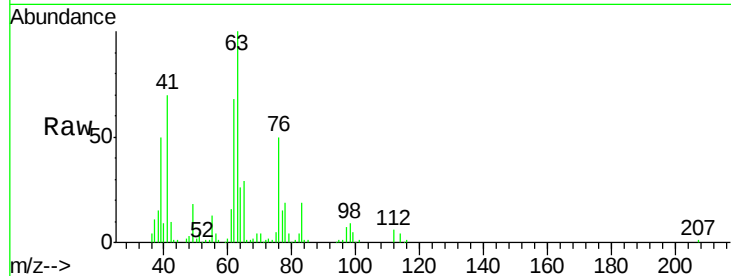
VSTDCCC050

Tgt Ion: 63 Resp: 116290

Ion Ratio Lower Upper

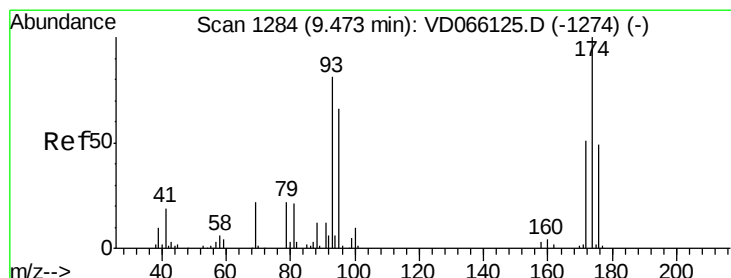
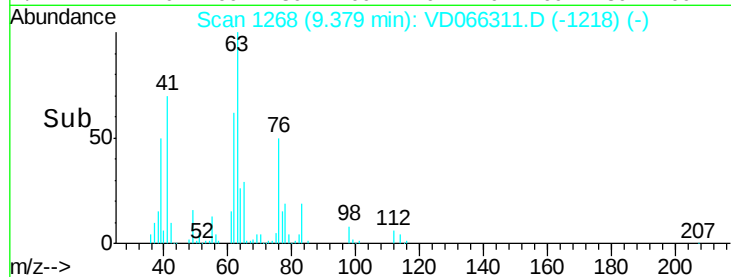
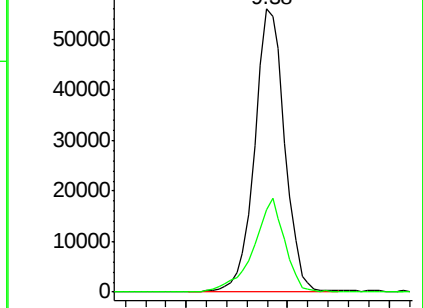
63 100

65 29.1 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.370 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

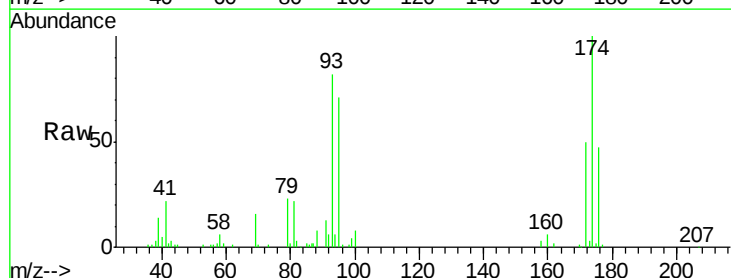
Tgt Ion: 93 Resp: 65290

Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

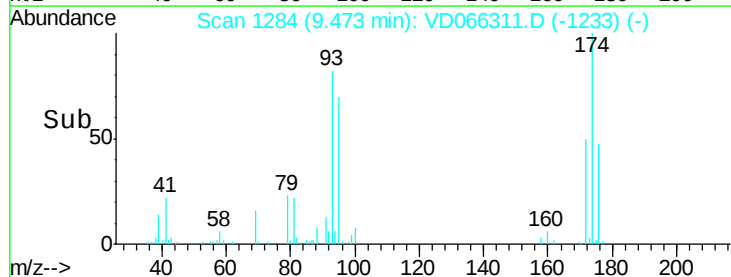
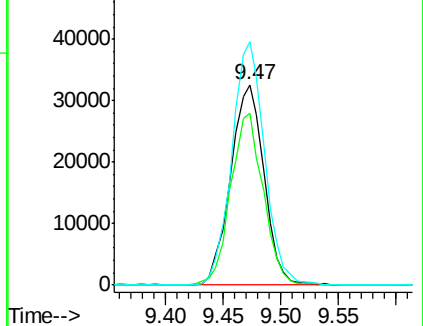
174 119.3 92.8 139.2

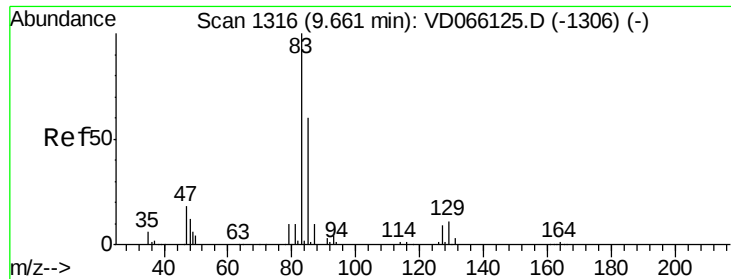


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.836 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

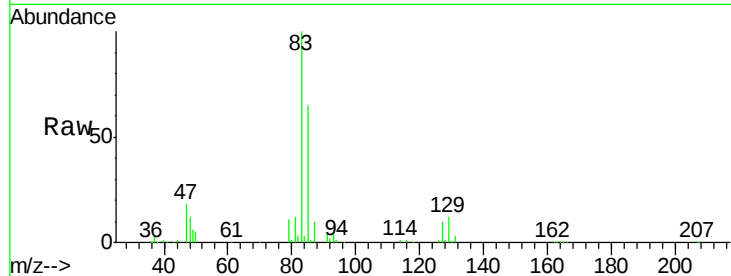
Tgt Ion: 83 Resp: 181009

Ion Ratio Lower Upper

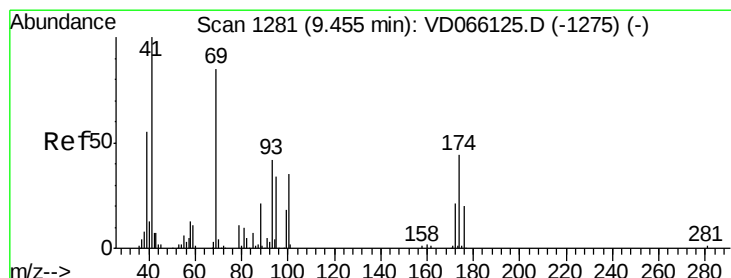
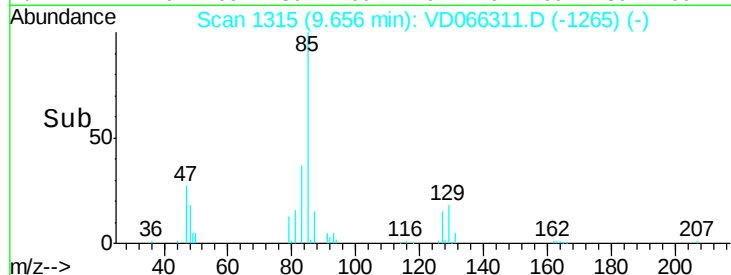
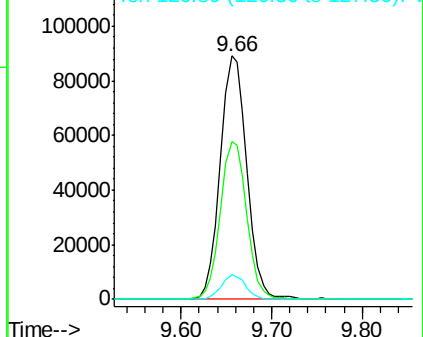
83 100

85 64.9 48.2 72.4

127 10.0 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): V



#48

Methyl methacrylate

Concen: 46.048 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

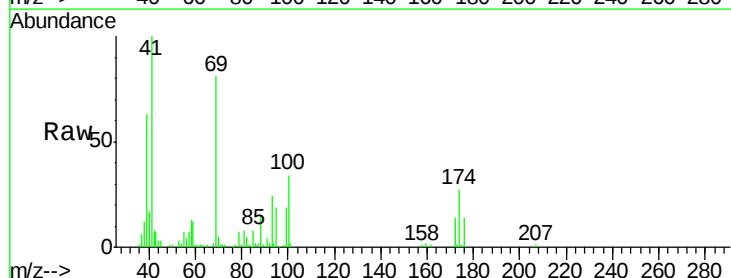
Tgt Ion: 41 Resp: 63665

Ion Ratio Lower Upper

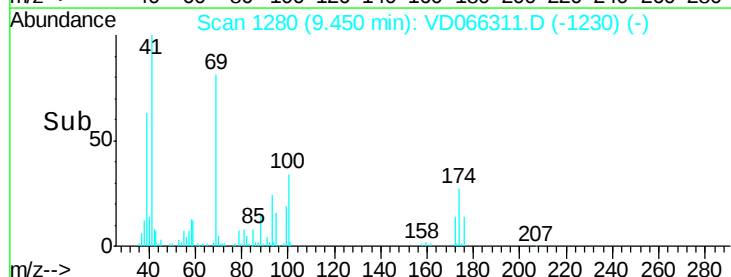
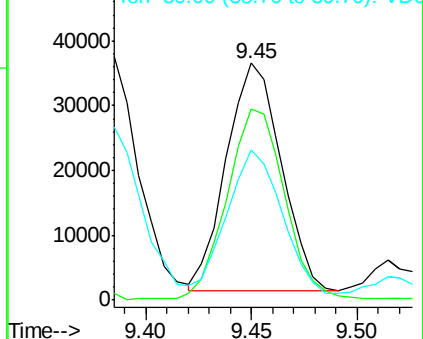
41 100

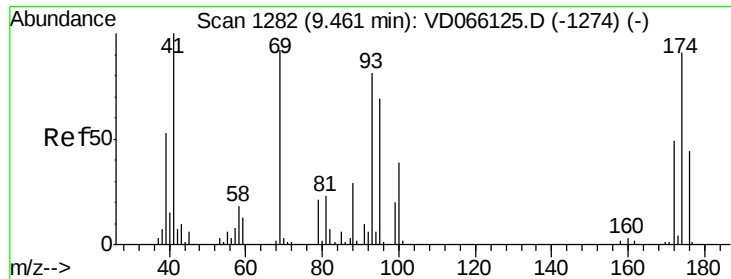
69 87.0 63.9 95.9

39 62.0 42.6 64.0



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

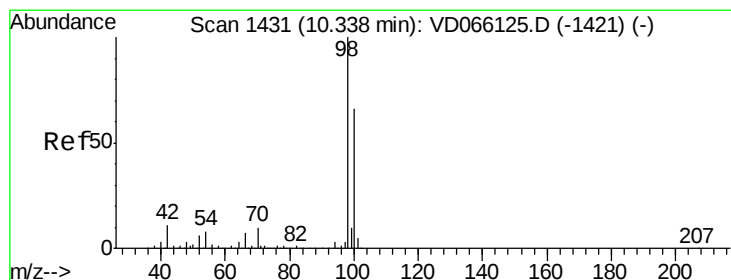
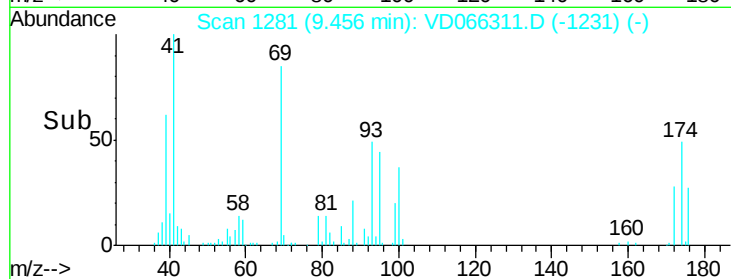
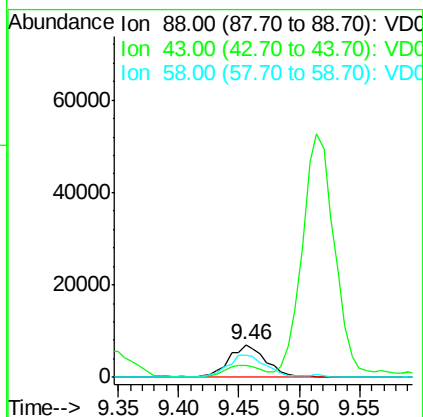
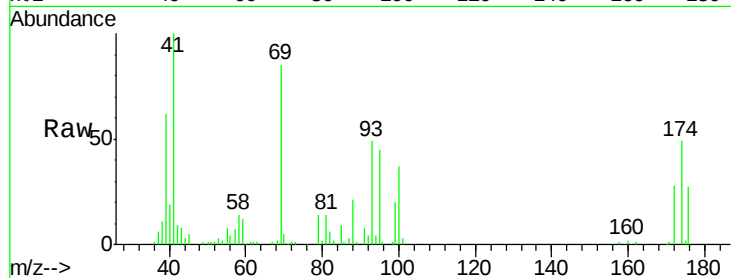




#49
1,4-Dioxane
Concen: 905.898 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

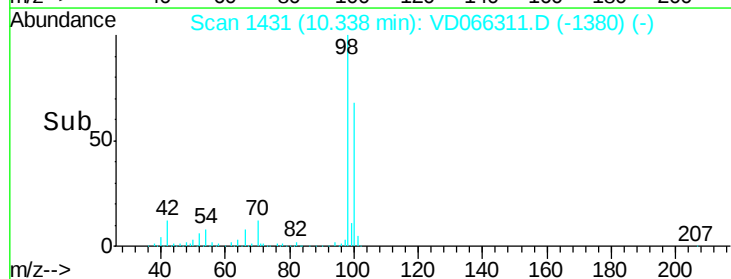
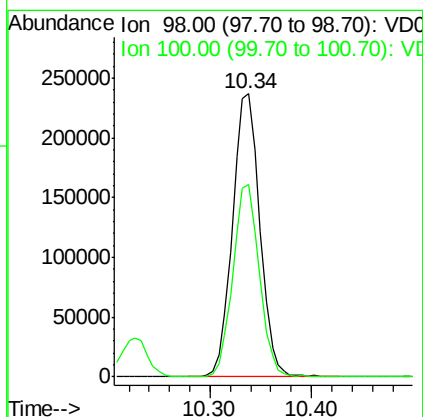
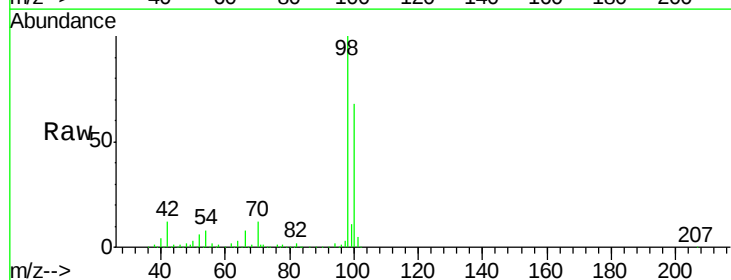
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

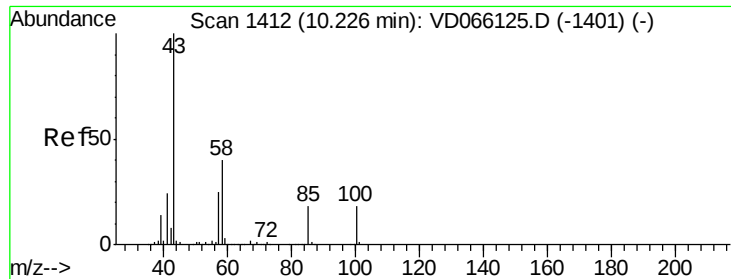
Tgt Ion: 88 Resp: 15086
Ion Ratio Lower Upper
88 100
43 38.5 27.5 41.3
58 71.4 50.2 75.4



#50
Toluene-d8
Concen: 51.504 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 98 Resp: 444406
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 241.532 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

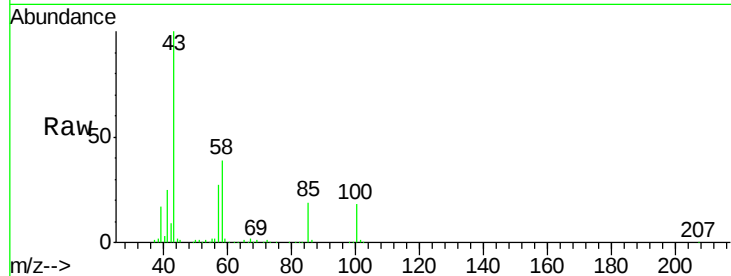
VSTDCCC050

Tgt Ion: 43 Resp: 335926

Ion Ratio Lower Upper

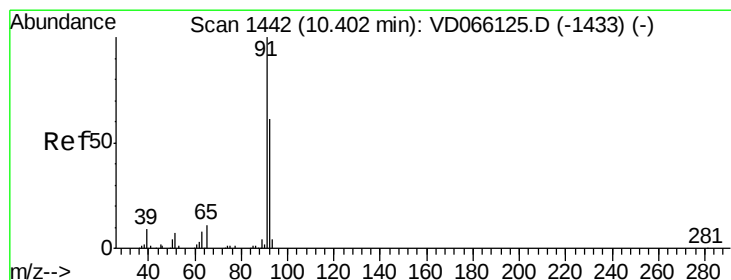
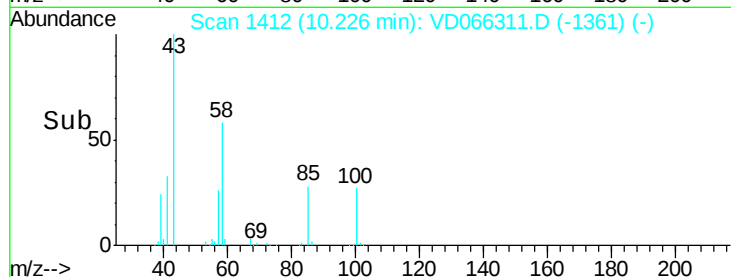
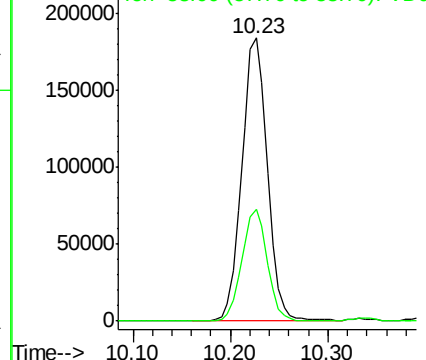
43 100

58 39.3 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.354 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066311.D

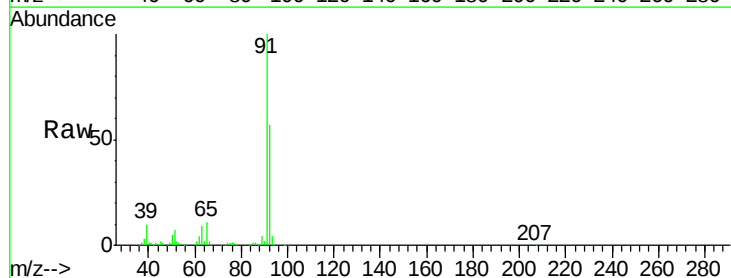
Acq: 19 Aug 2020 11:16

Tgt Ion: 92 Resp: 318805

Ion Ratio Lower Upper

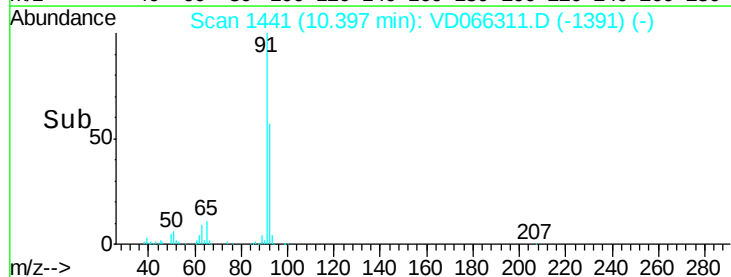
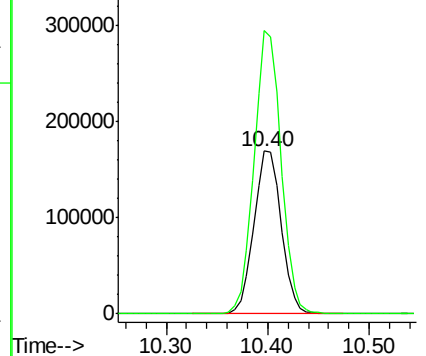
92 100

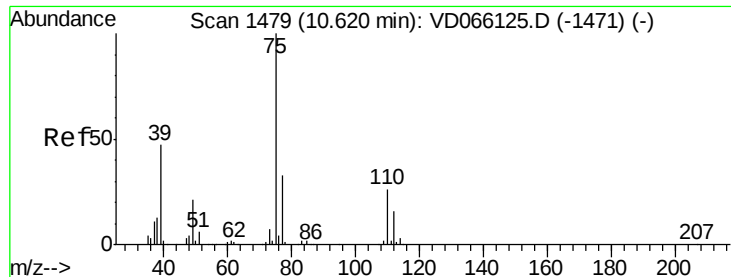
91 171.6 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.211 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

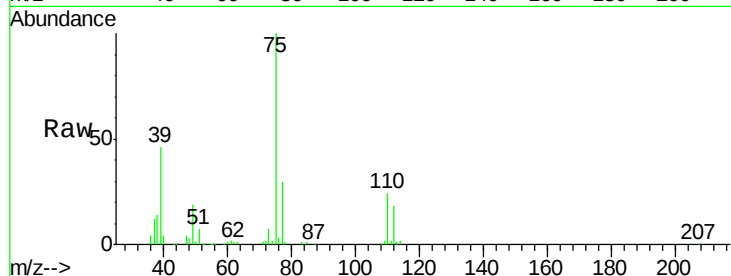
VSTDCCC050

Tgt Ion: 75 Resp: 169748

Ion Ratio Lower Upper

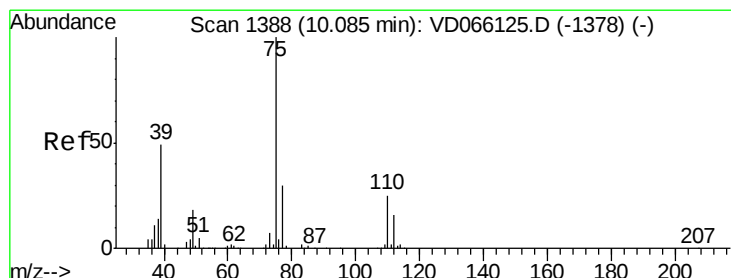
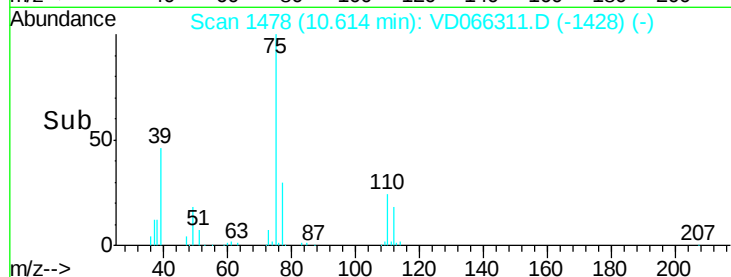
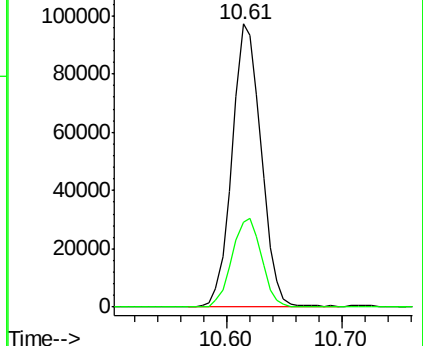
75 100

77 30.3 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 51.572 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

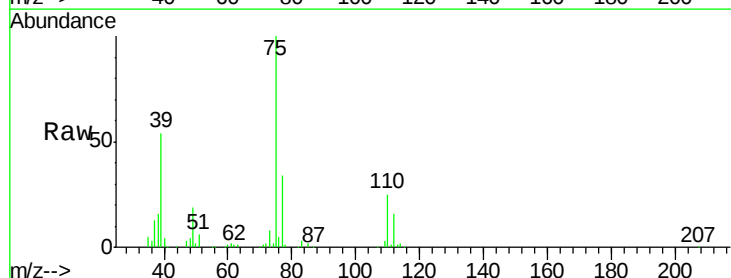
Tgt Ion: 75 Resp: 196449

Ion Ratio Lower Upper

75 100

77 33.7 24.3 36.5

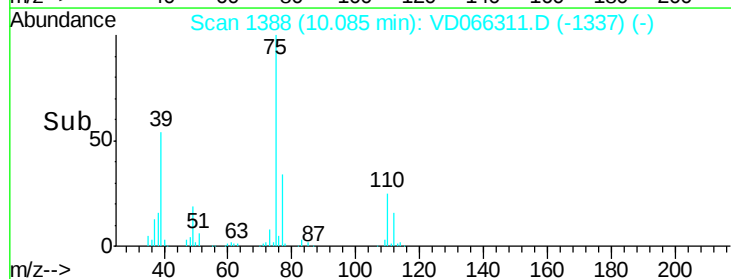
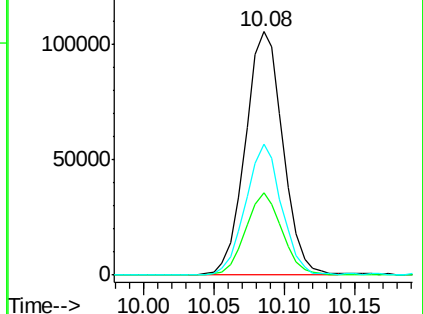
39 53.7 39.3 58.9

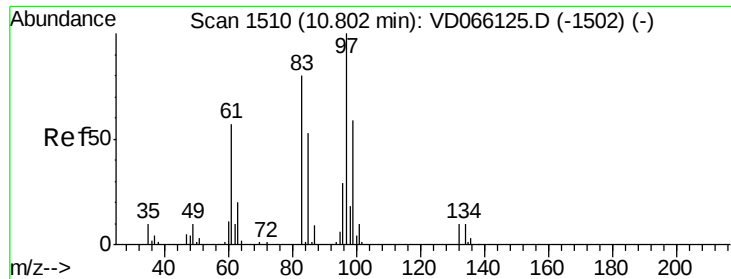


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 49.365 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 92139

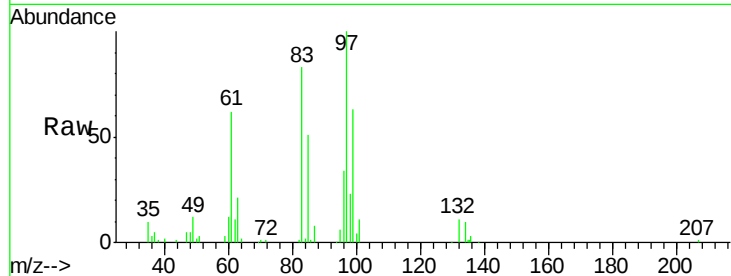
Ion Ratio Lower Upper

97 100

83 83.3 63.9 95.9

85 50.8 42.5 63.7

99 62.5 47.4 71.0

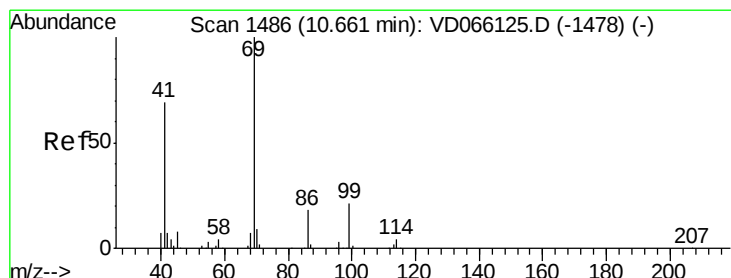
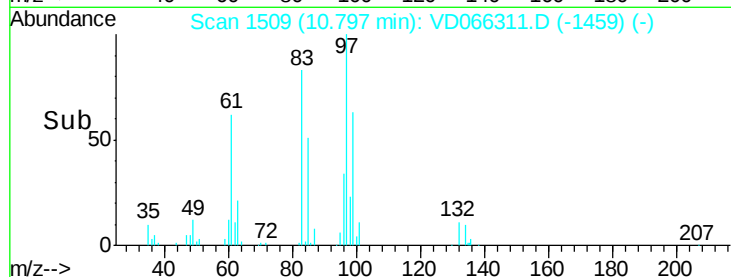
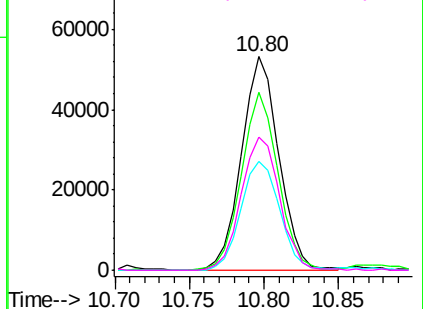


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 50.986 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

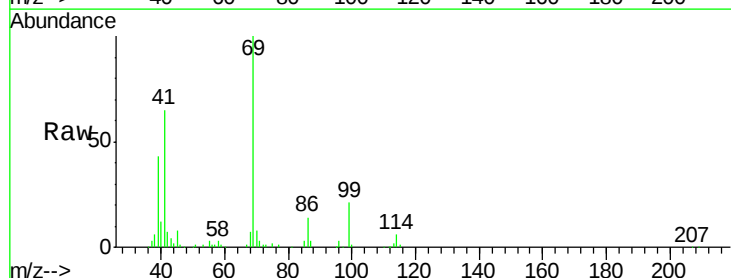
Tgt Ion: 69 Resp: 114321

Ion Ratio Lower Upper

69 100

41 65.5 54.1 81.1

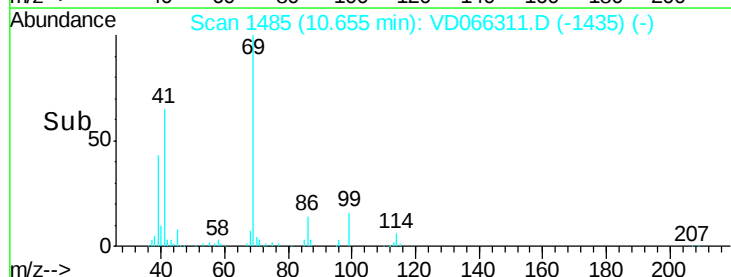
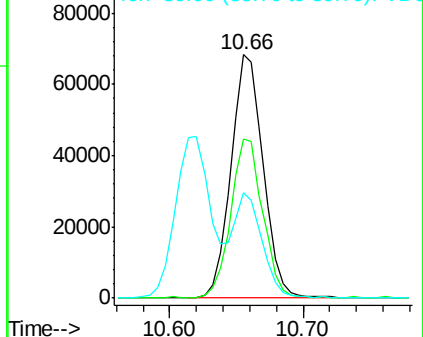
39 41.3 28.6 43.0

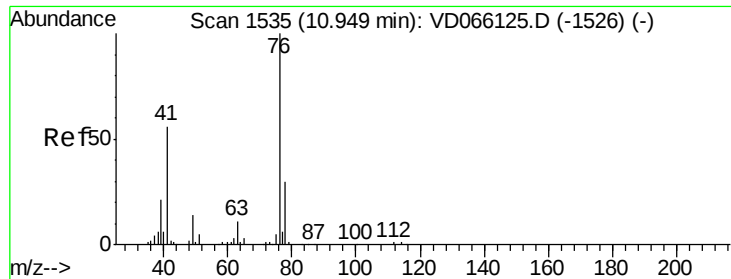


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

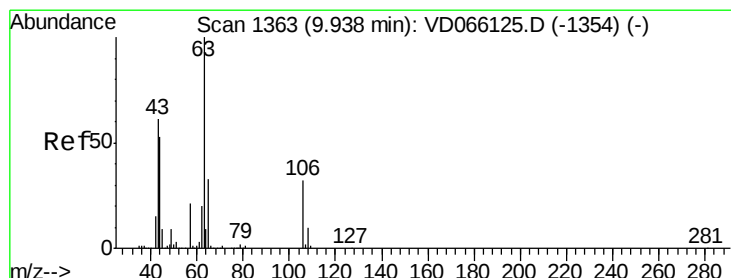
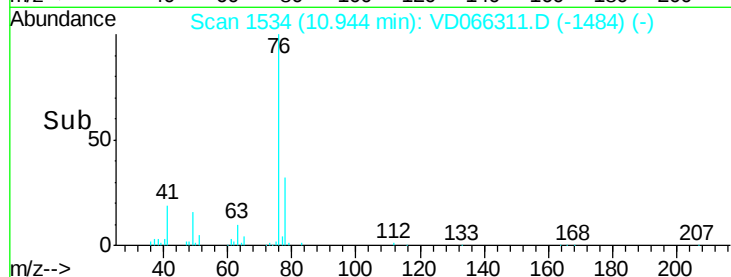
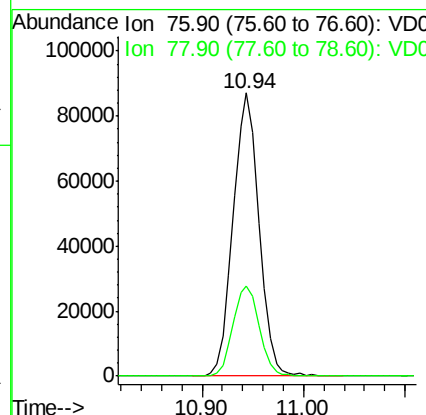
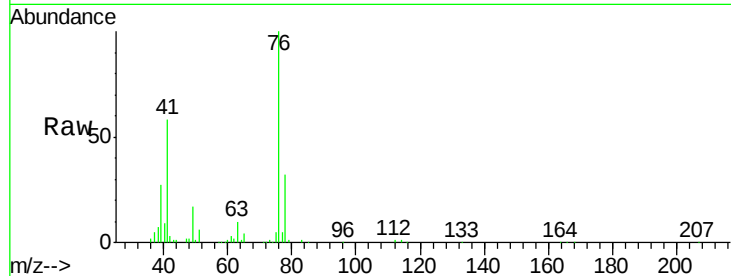




#57
 1,3-Dichloropropane
 Concen: 49.813 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

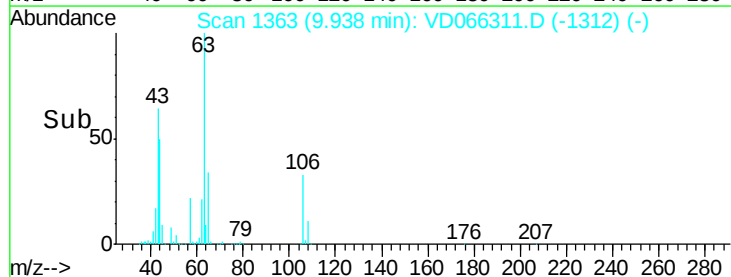
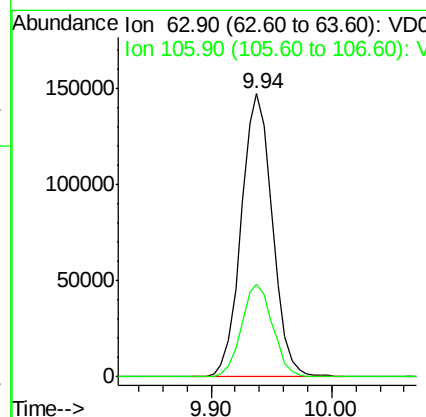
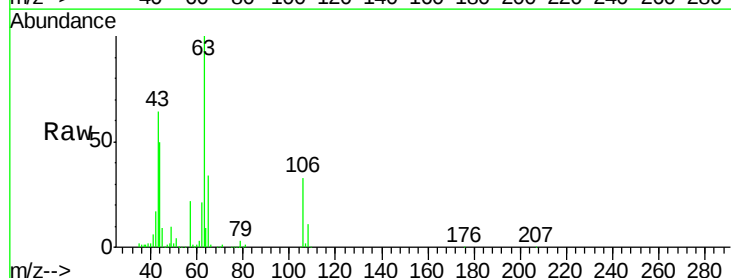
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

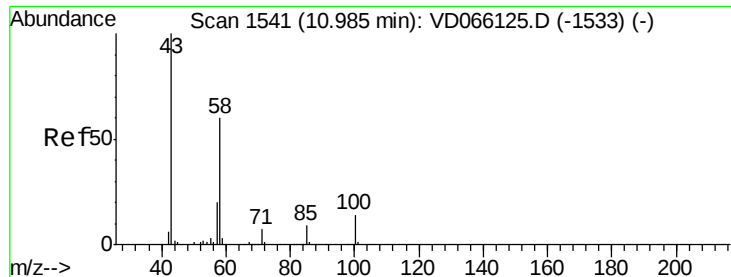
Tgt Ion: 76 Resp: 154354
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.308 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 63 Resp: 264555
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.3 37.9

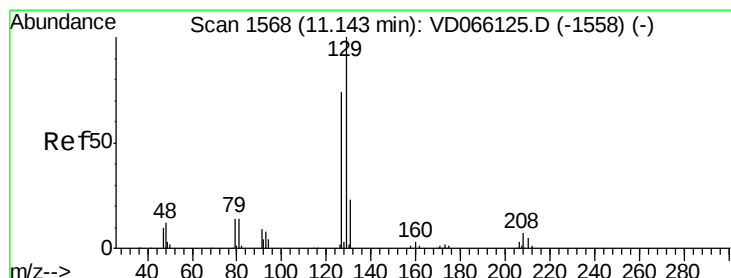
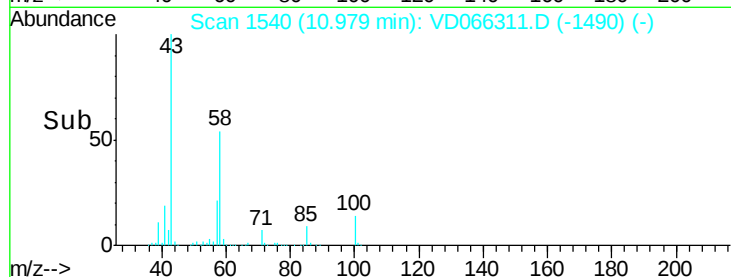
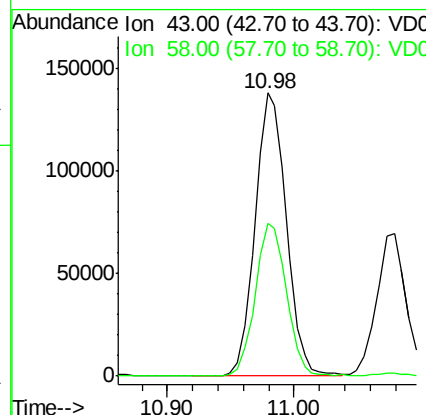
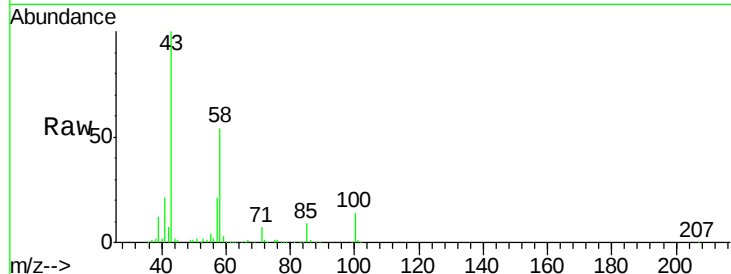




#59
2-Hexanone
Concen: 243.143 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

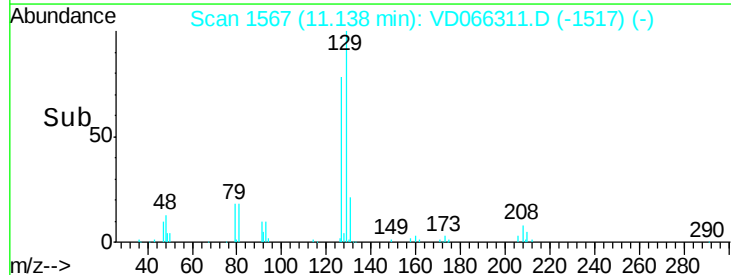
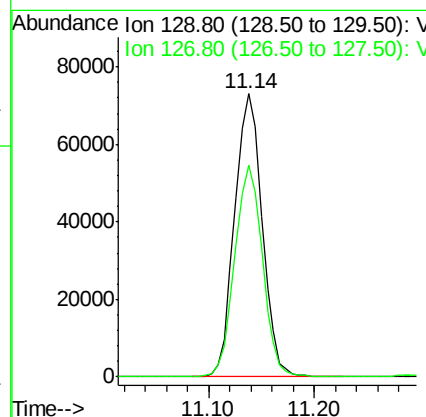
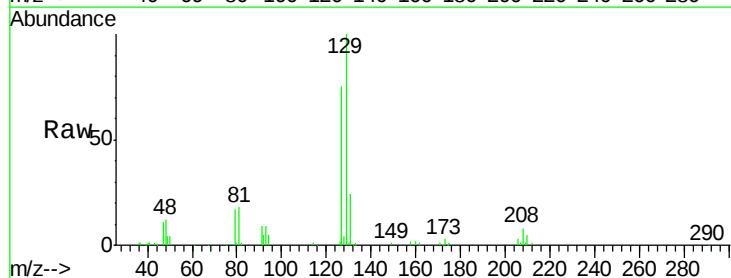
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

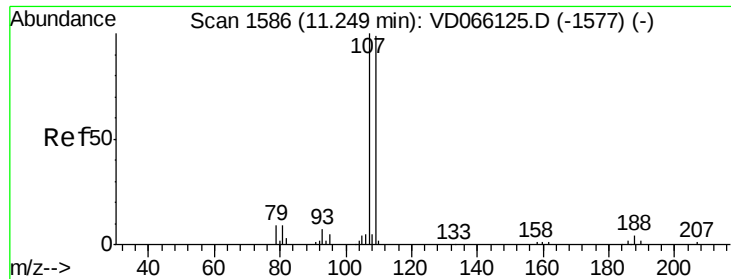
Tgt Ion: 43 Resp: 237331
Ion Ratio Lower Upper
43 100
58 54.1 27.8 83.4



#60
Dibromochloromethane
Concen: 51.169 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion: 129 Resp: 131853
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.1

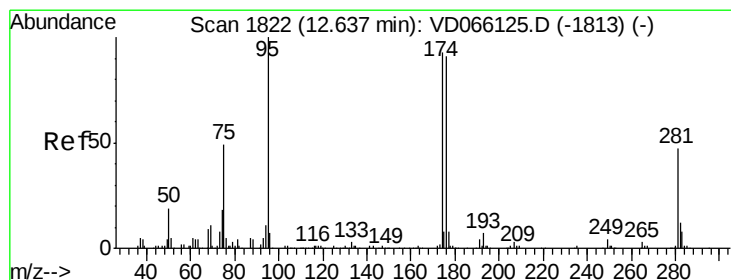
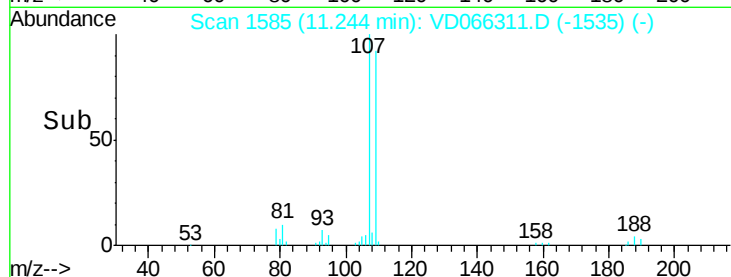
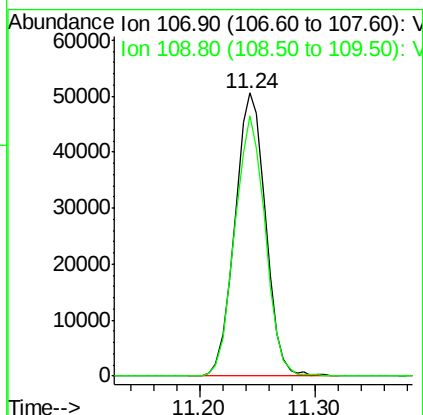
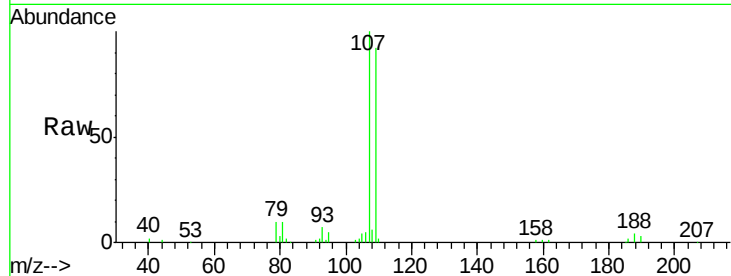




#61
 1,2-Dibromoethane
 Concen: 51.635 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

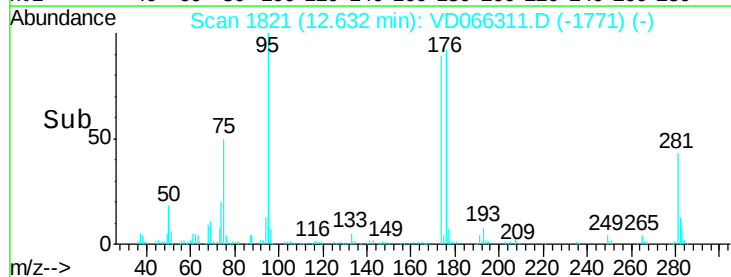
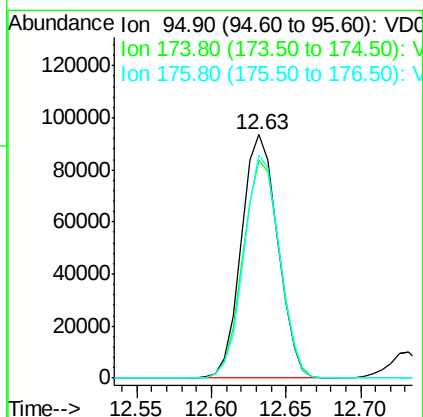
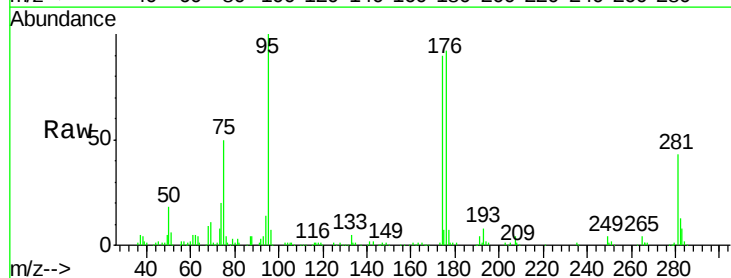
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

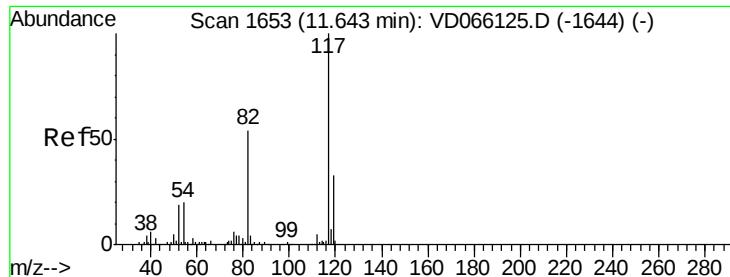
Tgt Ion: 107 Resp: 92685
 Ion Ratio Lower Upper
 107 100
 109 91.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.696 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 95 Resp: 157680
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 180.8
 176 89.4 0.0 181.2

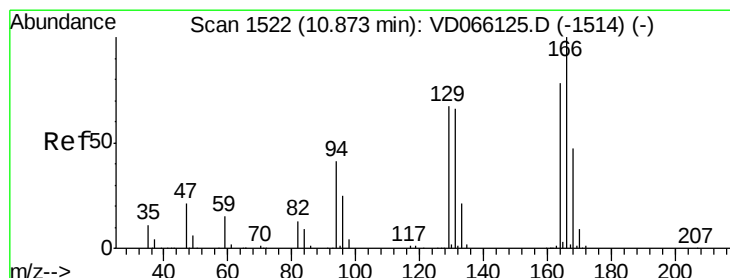
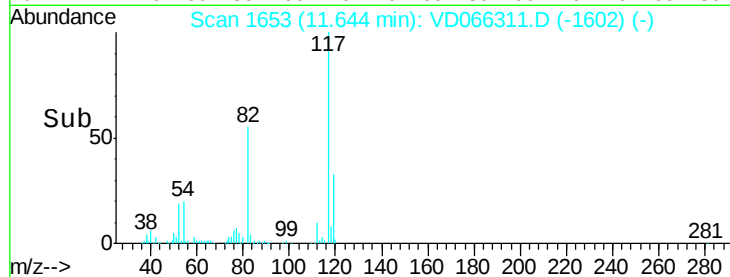
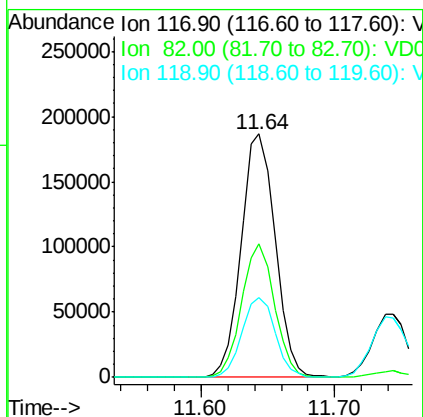
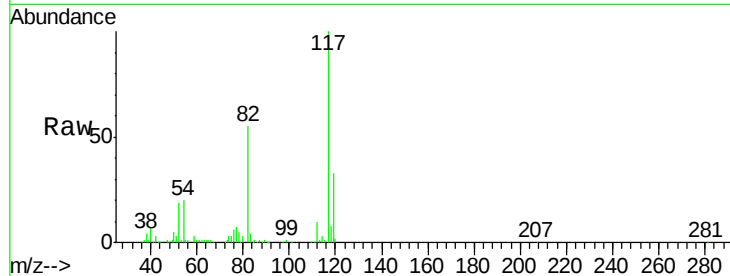




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

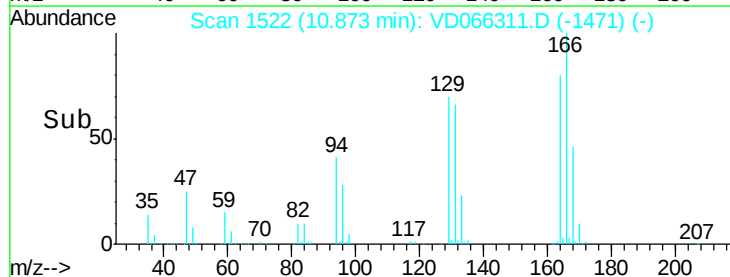
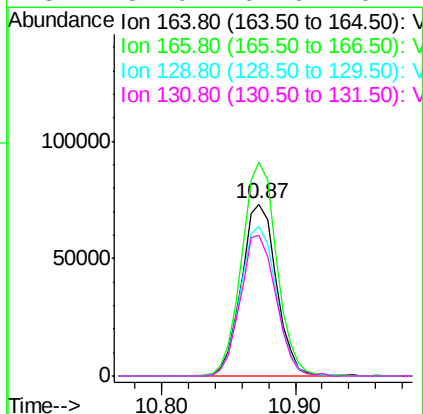
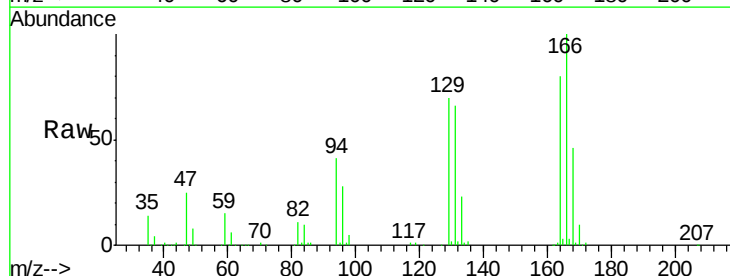
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

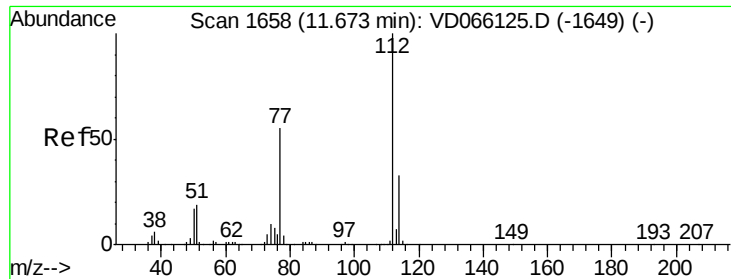
Tgt Ion:117 Resp: 329730
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 33.0 26.1 39.1



#64
Tetrachloroethene
Concen: 52.324 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion:164 Resp: 132483
Ion Ratio Lower Upper
164 100
166 124.3 101.9 152.9
129 87.5 68.1 102.1
131 82.0 67.6 101.4

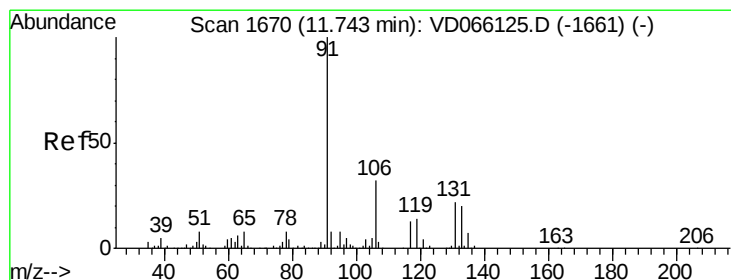
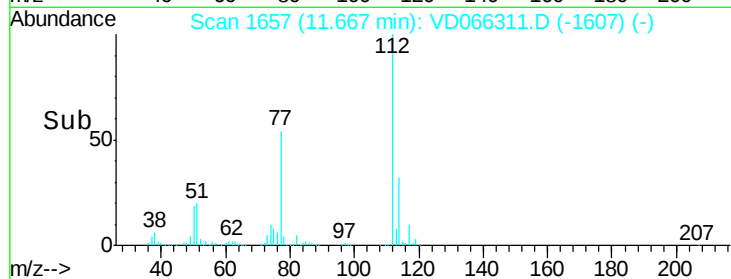
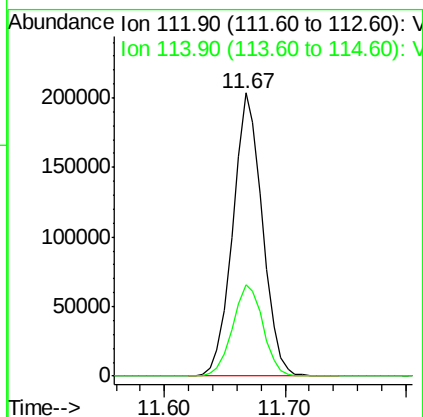
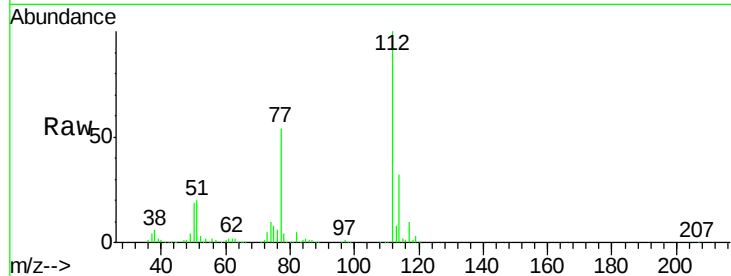




#65
Chlorobenzene
Concen: 51.823 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

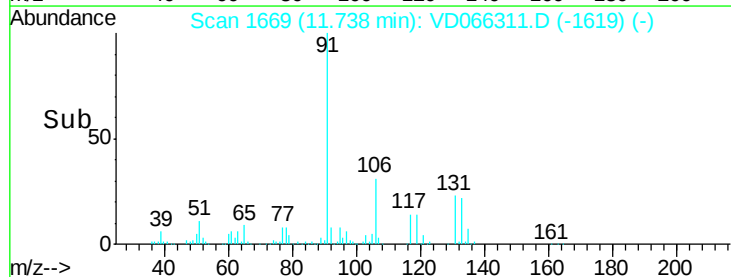
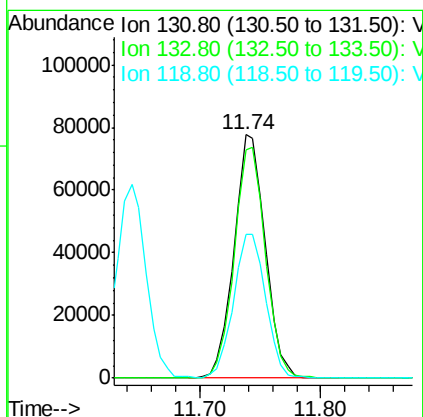
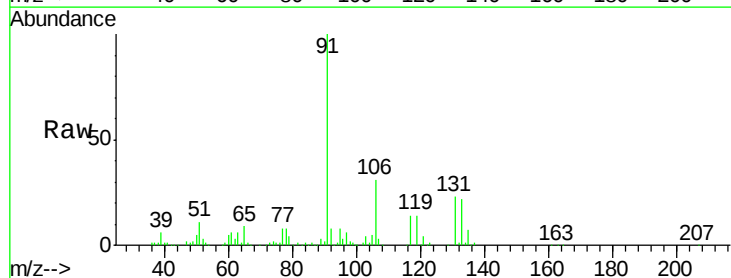
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

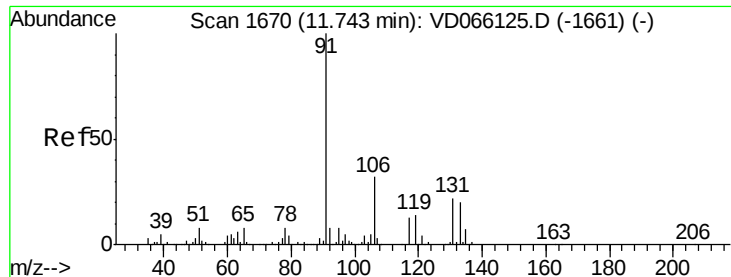
Tgt Ion:112 Resp: 346886
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.456 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion:131 Resp: 140002
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 61.1 31.6 94.7

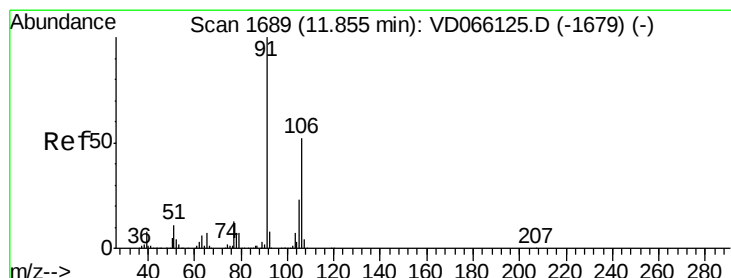
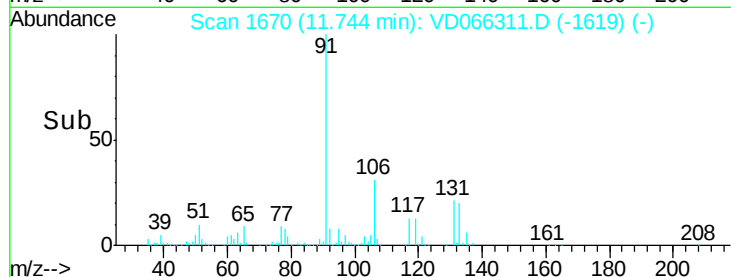
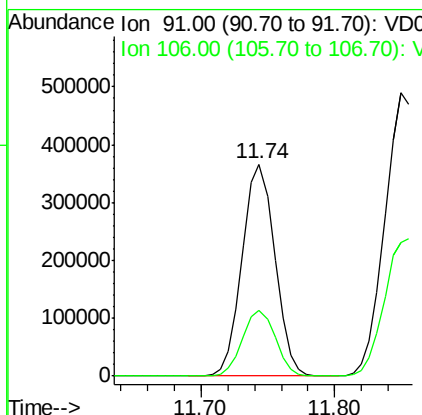
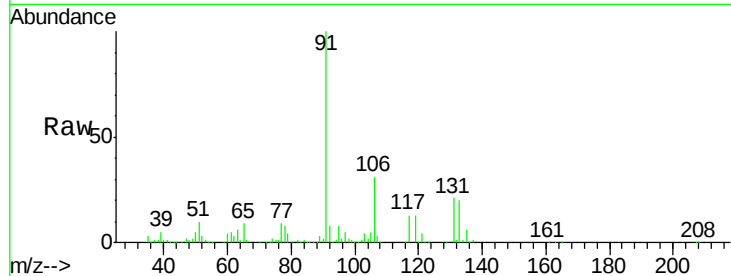




#67
 Ethyl Benzene
 Concen: 53.796 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

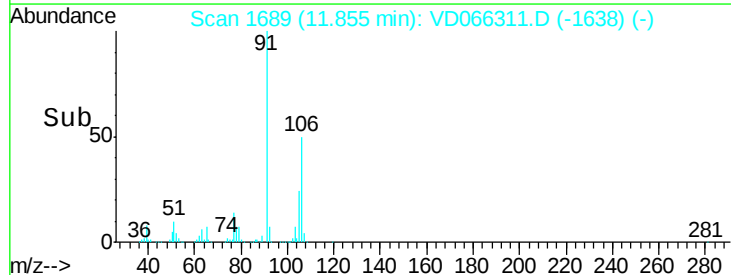
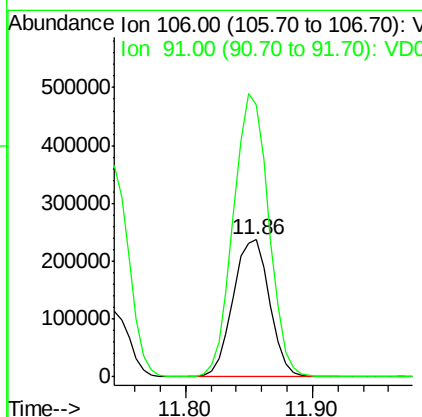
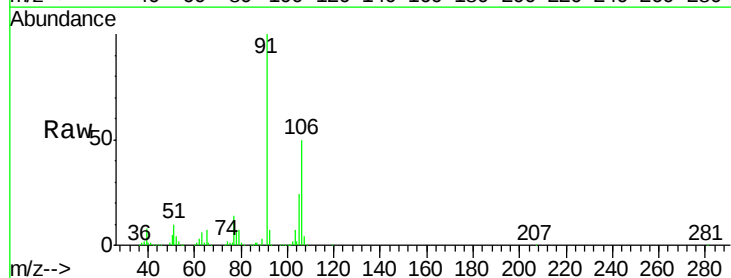
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

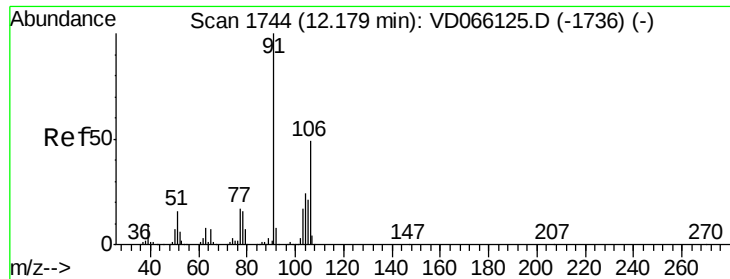
Tgt Ion: 91 Resp: 624004
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.7 38.5



#68
 m/p-Xylenes
 Concen: 105.235 ug/l
 RT: 11.86 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion: 106 Resp: 472938
 Ion Ratio Lower Upper
 106 100
 91 200.3 156.6 235.0

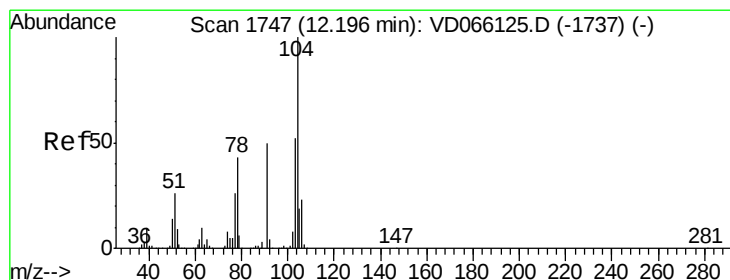
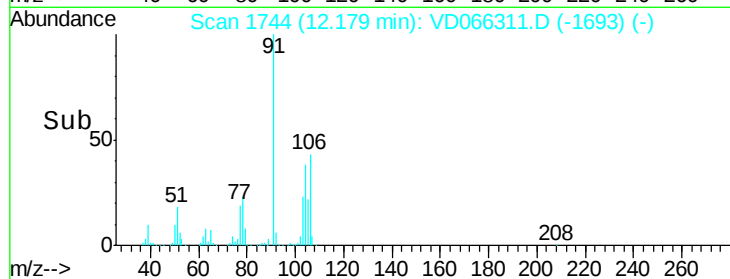
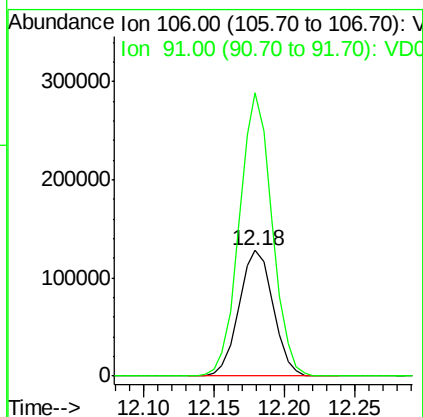
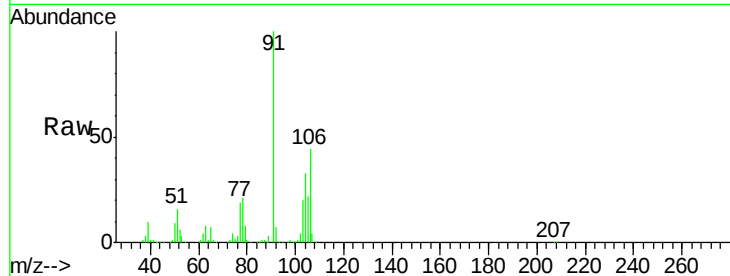




#69
o-Xylene
Concen: 53.129 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

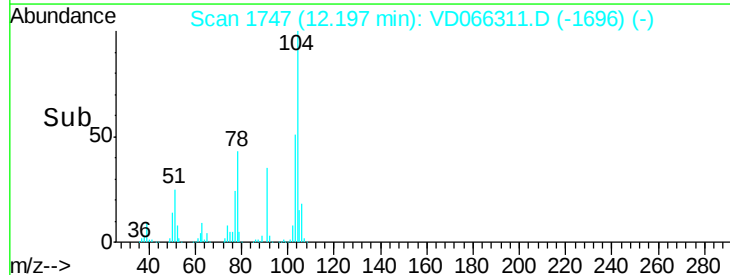
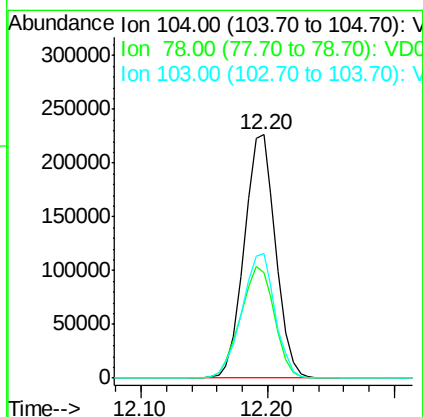
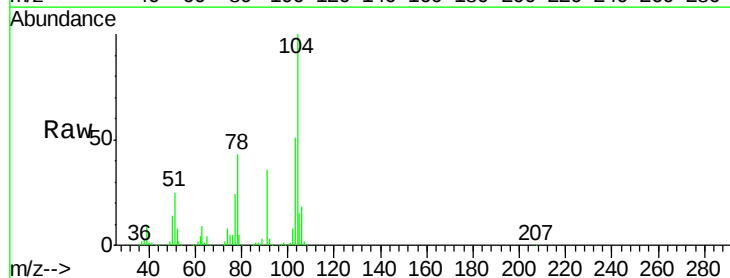
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

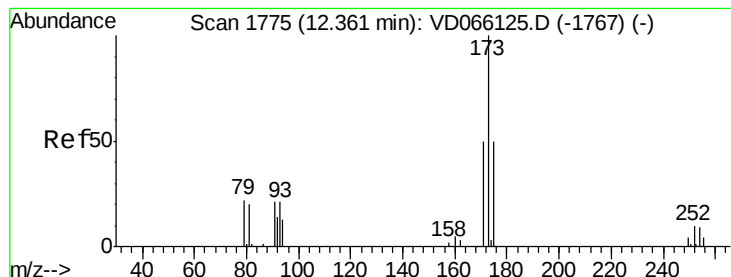
Tgt Ion:106 Resp: 217198
Ion Ratio Lower Upper
106 100
91 214.7 105.7 317.1



#70
Styrene
Concen: 54.219 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion:104 Resp: 388458
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 54.3 44.1 66.1





#71

Bromoform

Concen: 51.829 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

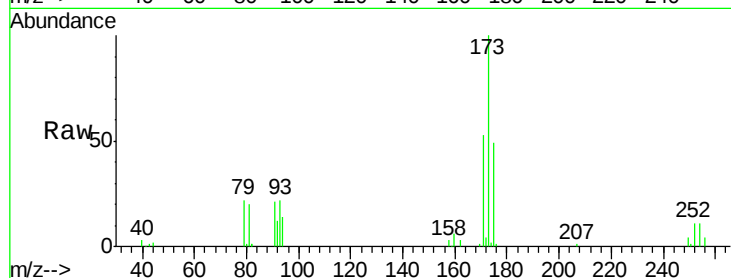
Tgt Ion:173 Resp: 80424

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

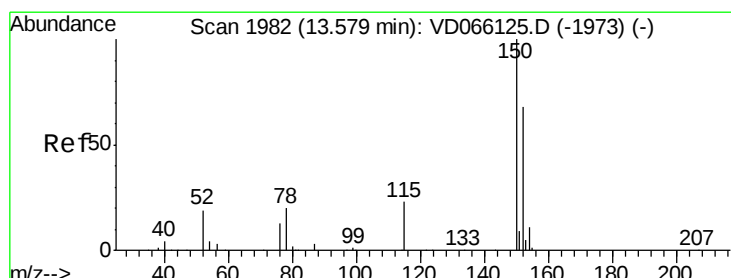
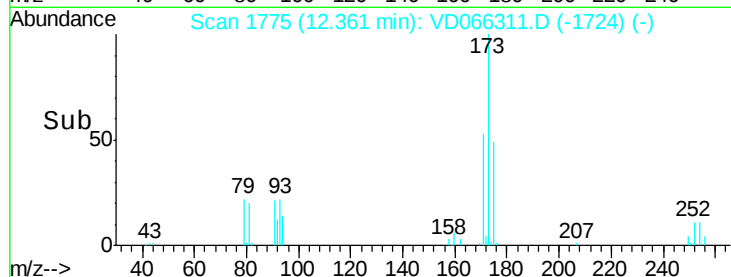
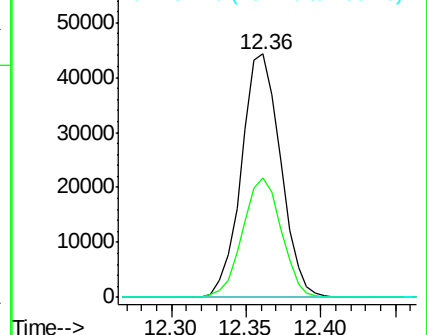
254 0.0 0.2 0.2#



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# 1982

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

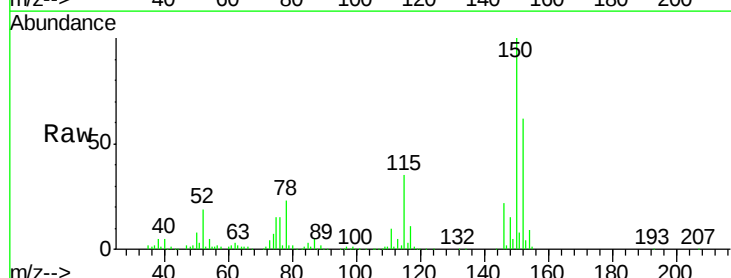
Tgt Ion:152 Resp: 167971

Ion Ratio Lower Upper

152 100

115 57.4 28.0 83.9

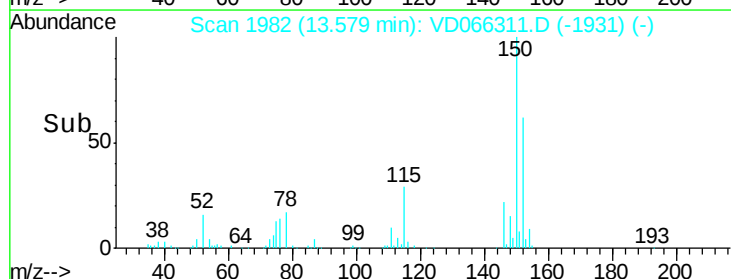
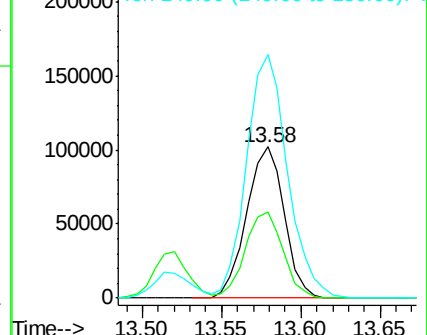
150 175.9 0.0 346.4

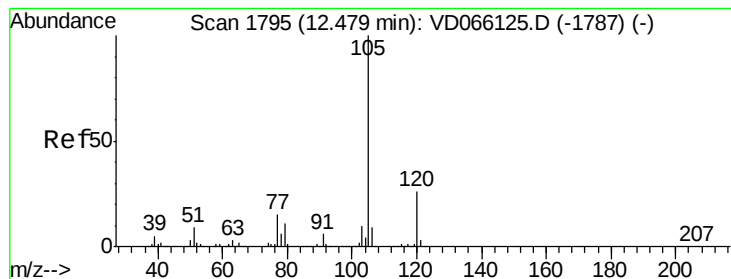


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.934 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

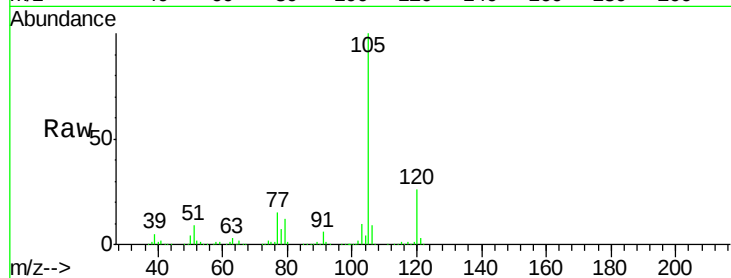
VSTDCCC050

Tgt Ion: 105 Resp: 627162

Ion Ratio Lower Upper

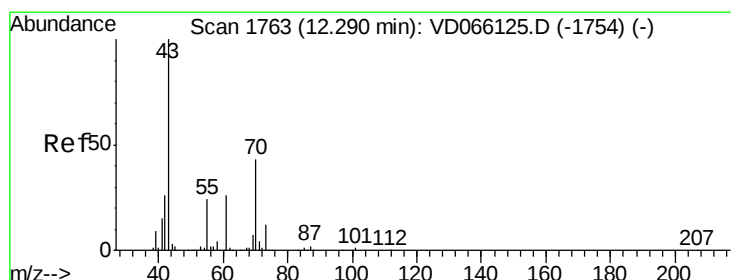
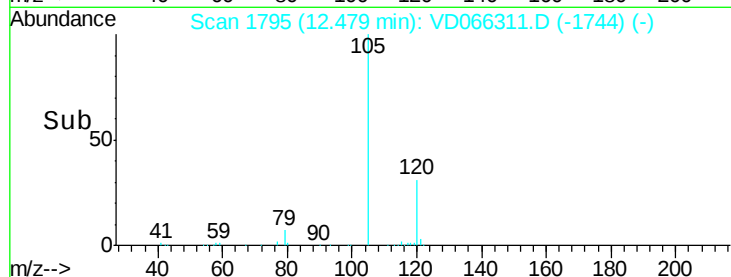
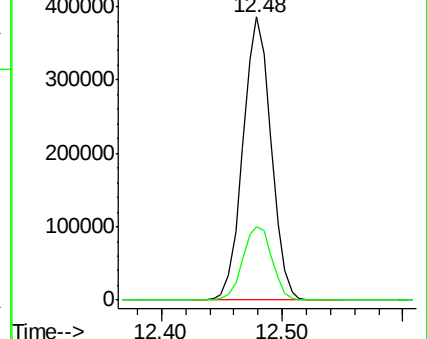
105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.781 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Tgt Ion: 43 Resp: 125382

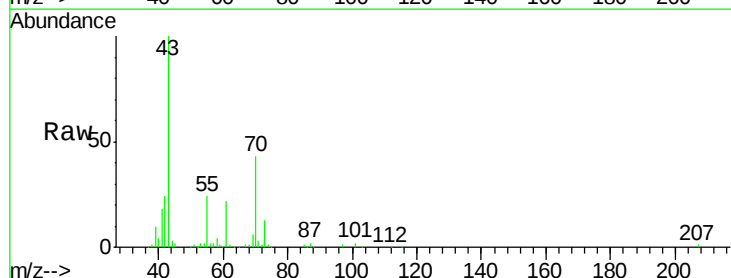
Ion Ratio Lower Upper

43 100

70 42.3 34.9 52.3

55 24.1 19.2 28.8

61 23.4 19.7 29.5

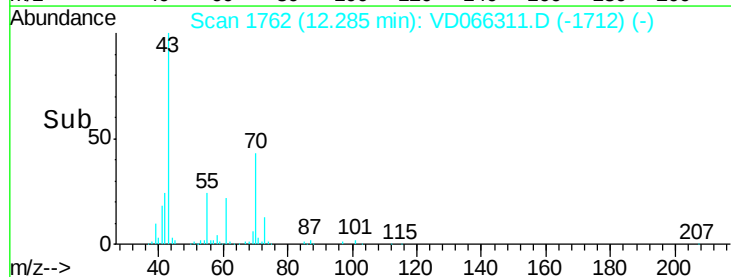
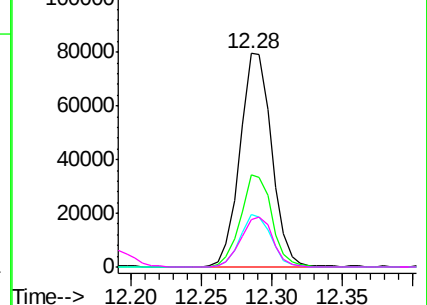


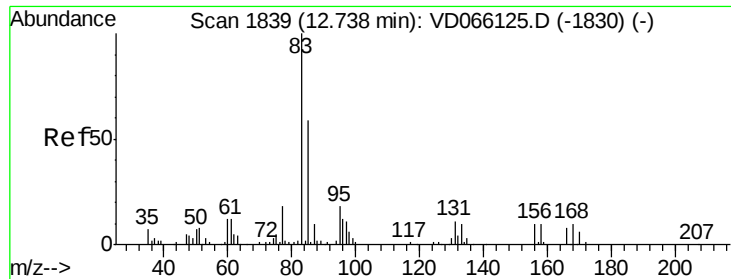
Abundance Ion 43.00 (42.70 to 43.70): V

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: 49.376 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

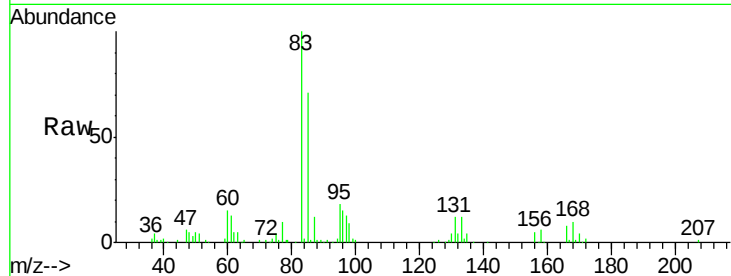
Tgt Ion: 83 Resp: 94403

Ion Ratio Lower Upper

83 100

131 13.3 6.2 18.6

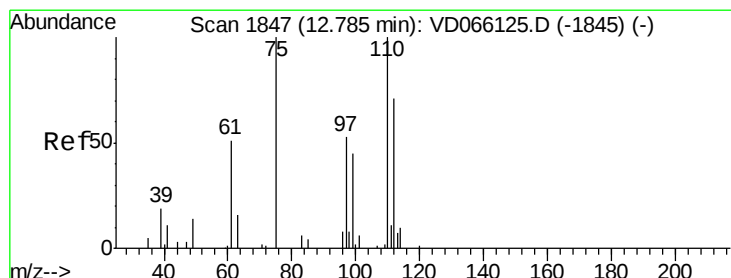
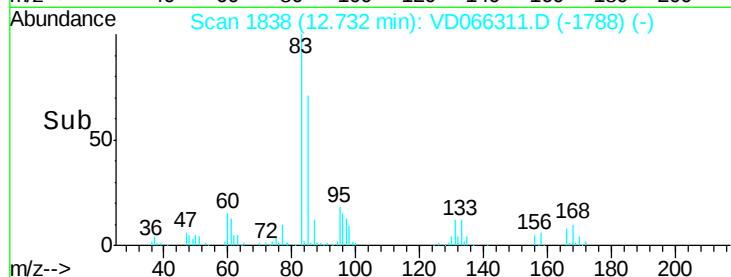
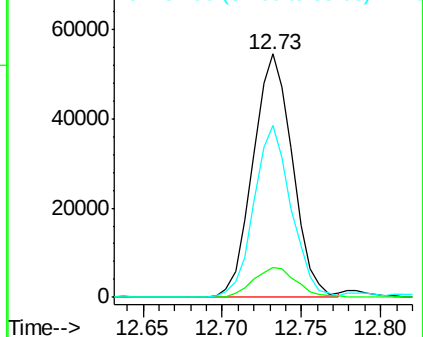
85 66.4 32.4 97.2



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: 93.811 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066311.D

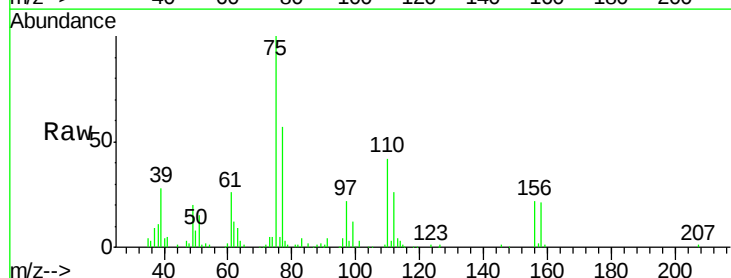
Acq: 19 Aug 2020 11:16

Tgt Ion: 75 Resp: 131406

Ion Ratio Lower Upper

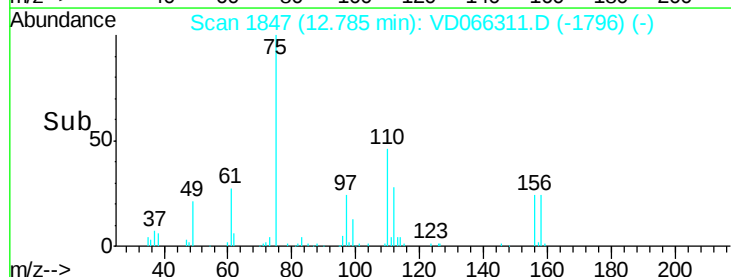
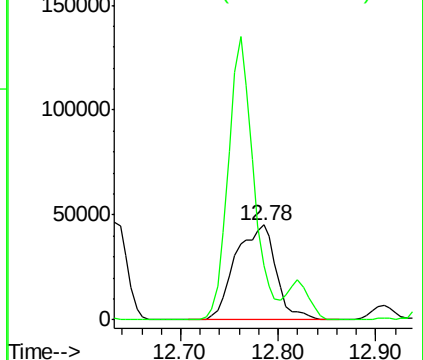
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.181 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

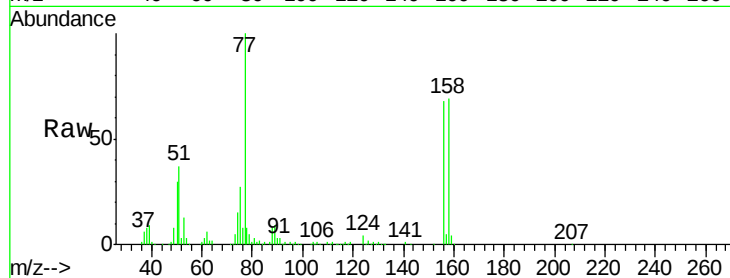
Tgt Ion: 156 Resp: 153496

Ion Ratio Lower Upper

156 100

77 159.2 81.0 243.1

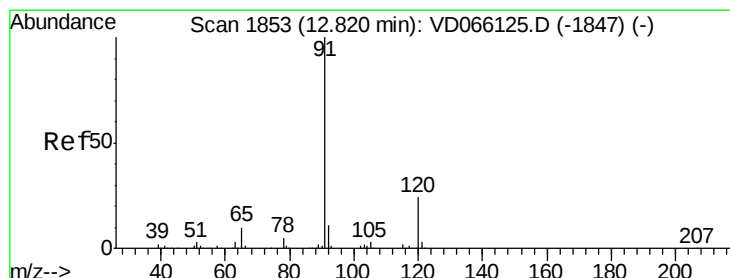
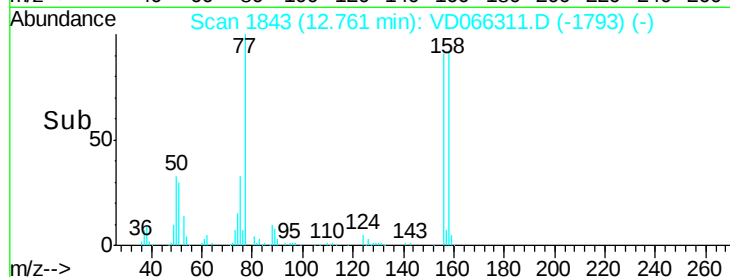
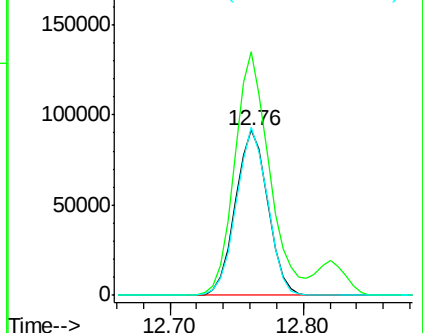
158 98.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.444 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066311.D

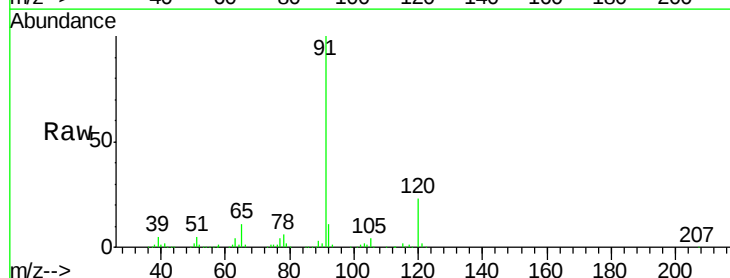
Acq: 19 Aug 2020 11:16

Tgt Ion: 91 Resp: 722639

Ion Ratio Lower Upper

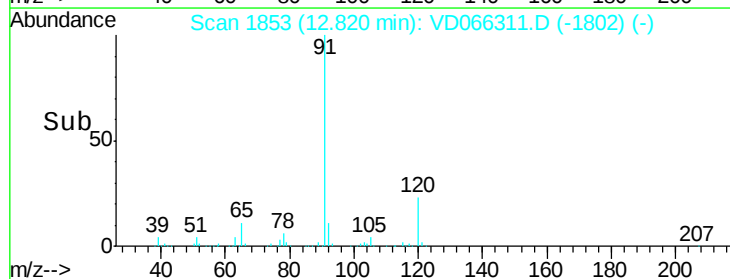
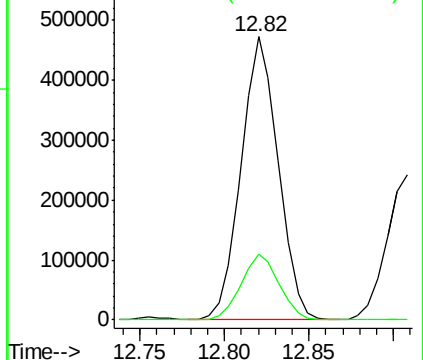
91 100

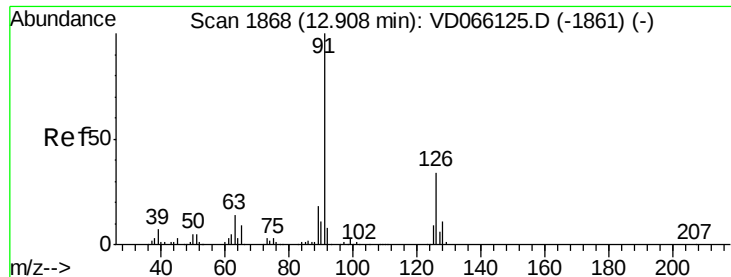
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.388 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

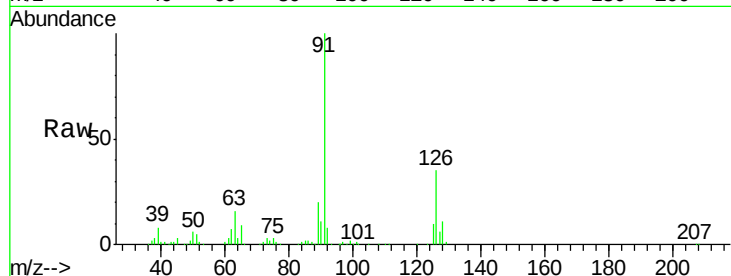
VSTDCCC050

Tgt Ion: 91 Resp: 405430

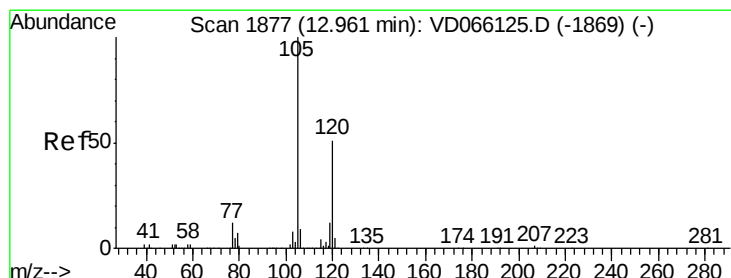
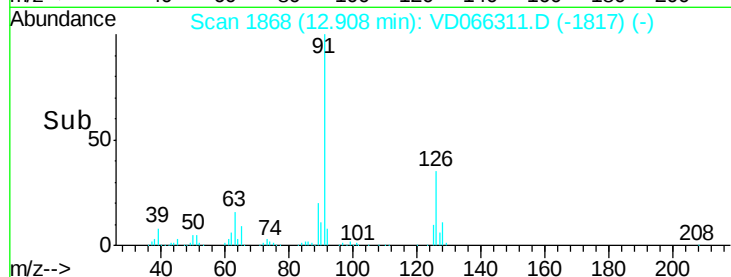
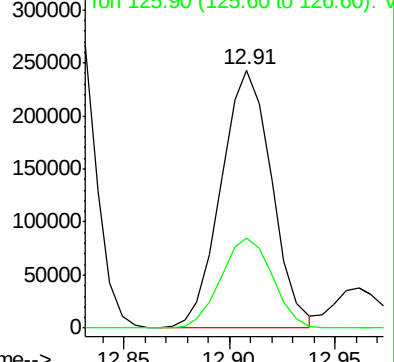
Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066311.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.632 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066311.D

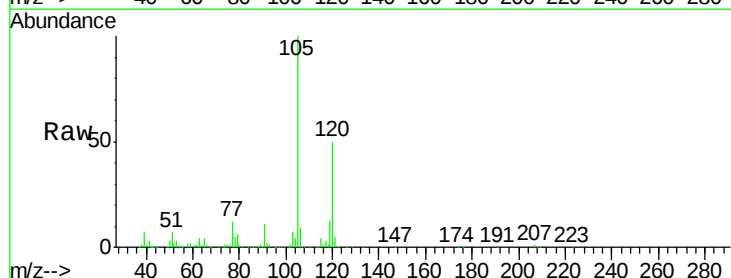
Acq: 19 Aug 2020 11:16

Tgt Ion: 105 Resp: 531042

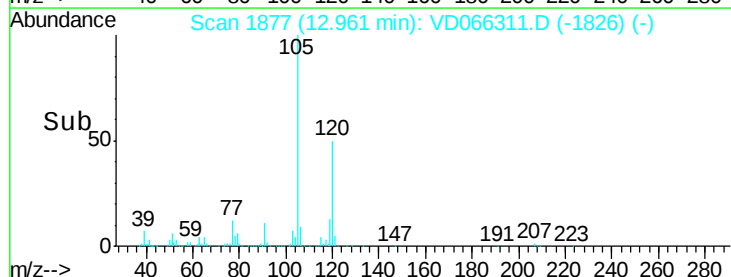
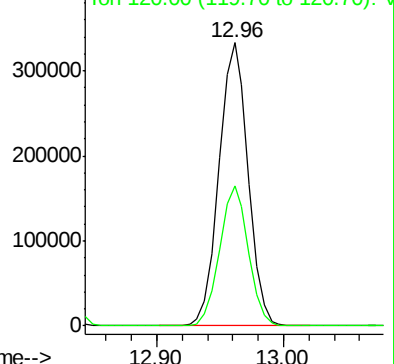
Ion Ratio Lower Upper

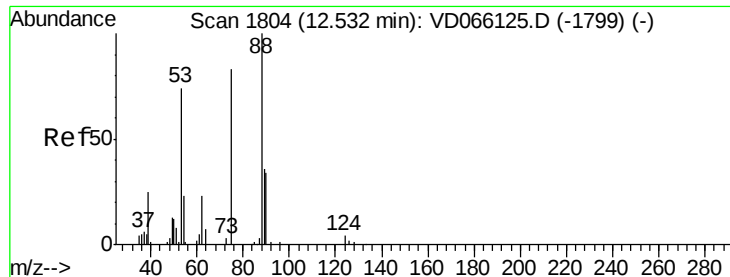
105 100

120 49.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066311.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.479 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

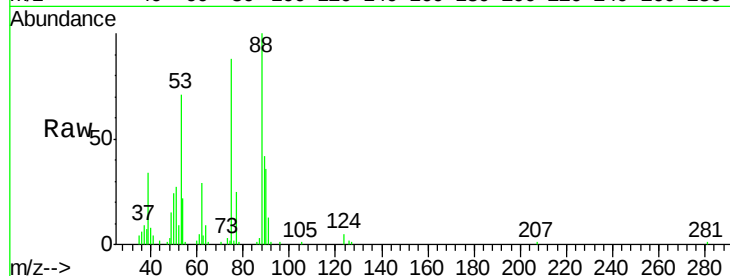
Tgt Ion: 75 Resp: 31987

Ion Ratio Lower Upper

75 100

53 96.7 73.4 110.2

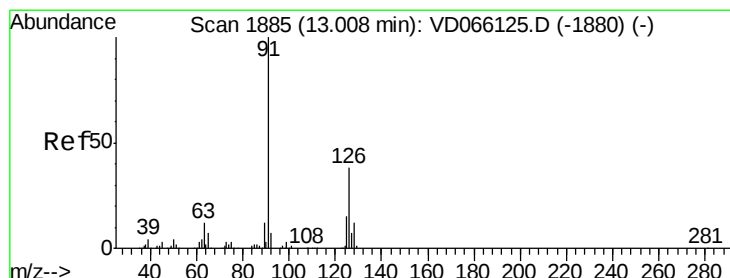
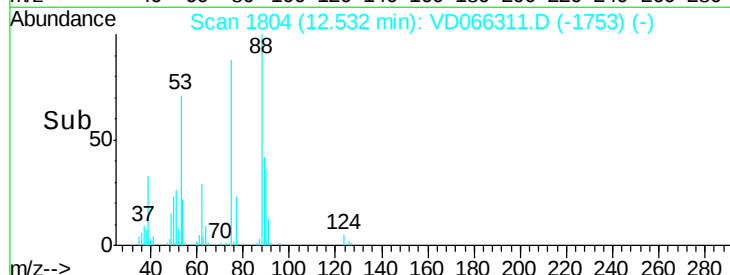
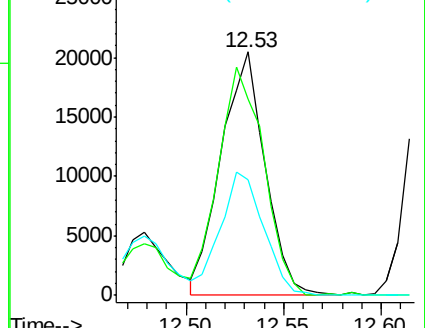
89 50.4 36.6 55.0



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: 54.459 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066311.D

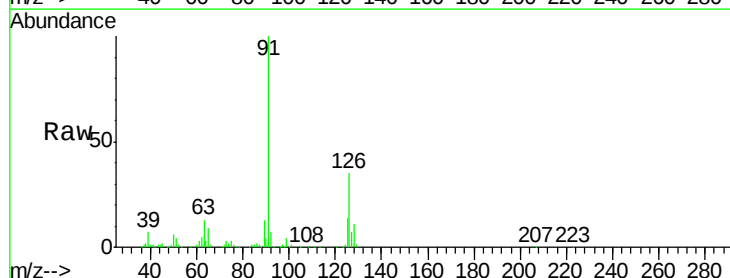
Acq: 19 Aug 2020 11:16

Tgt Ion: 91 Resp: 428545

Ion Ratio Lower Upper

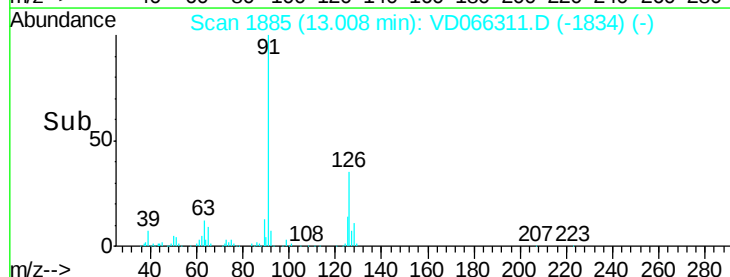
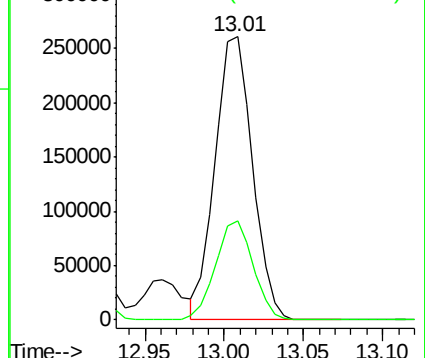
91 100

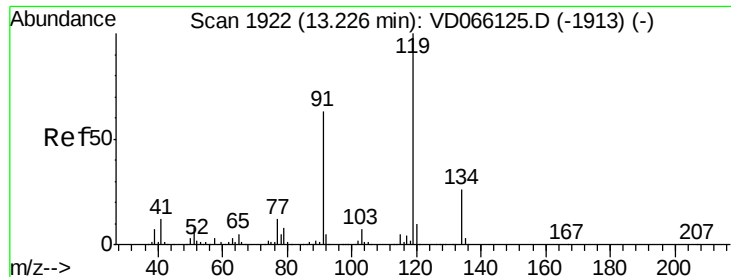
126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

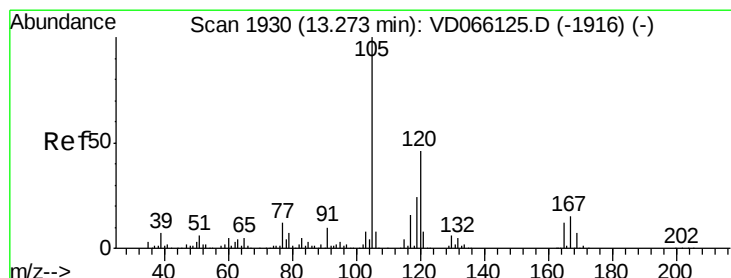
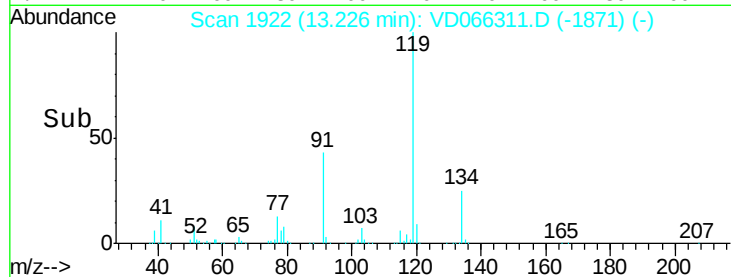
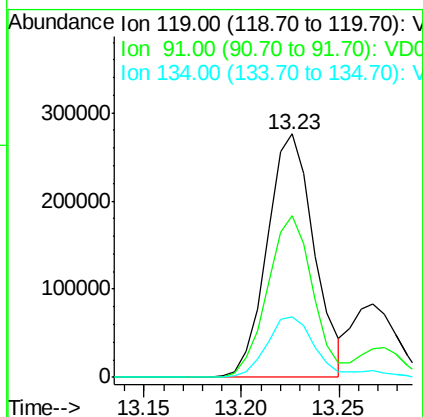
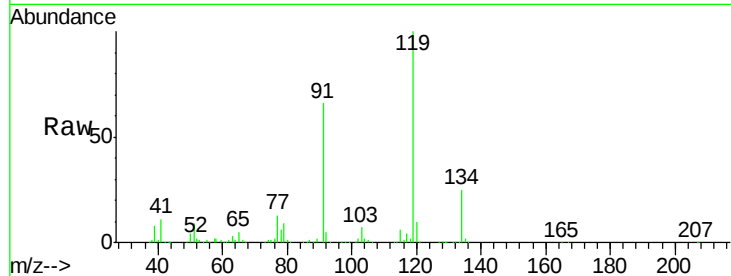




#83
 tert-Butylbenzene
 Concen: 55.696 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

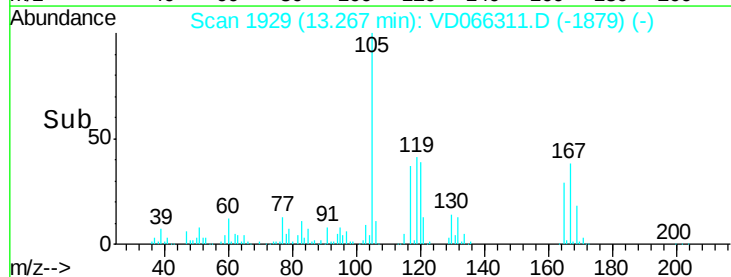
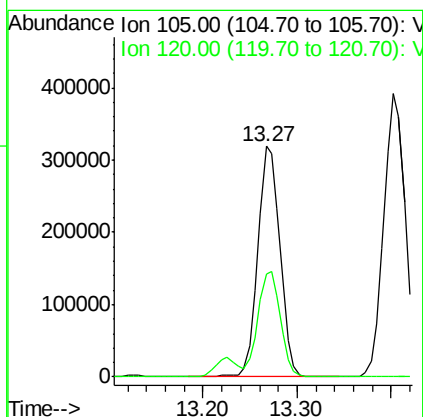
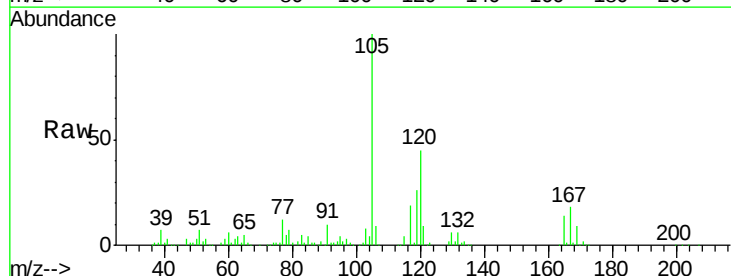
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

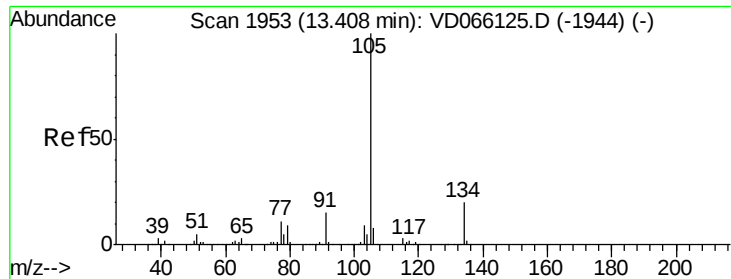
Tgt Ion:119 Resp: 459299
 Ion Ratio Lower Upper
 119 100
 91 65.0 30.8 92.4
 134 25.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.380 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion:105 Resp: 519706
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2

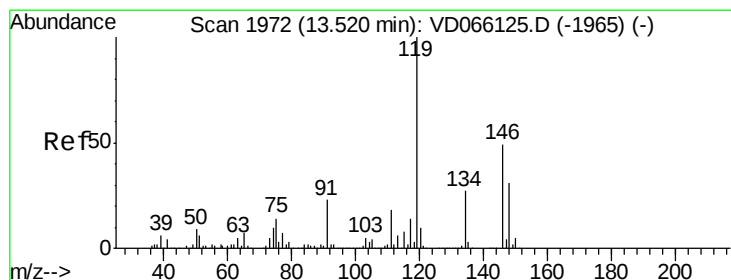
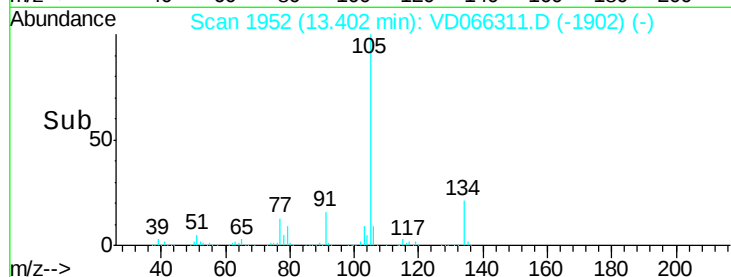
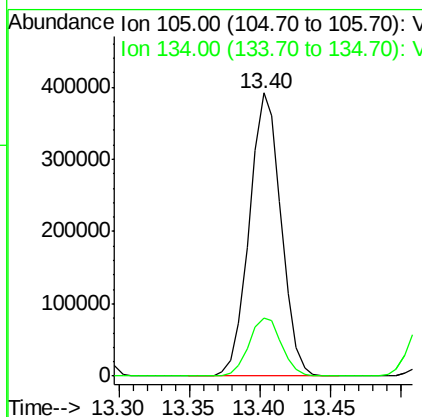
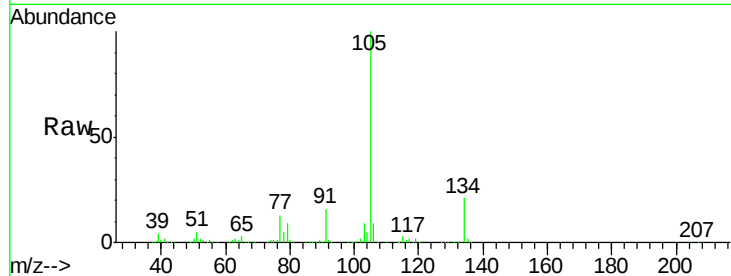




#85
 sec-Butylbenzene
 Concen: 55.562 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

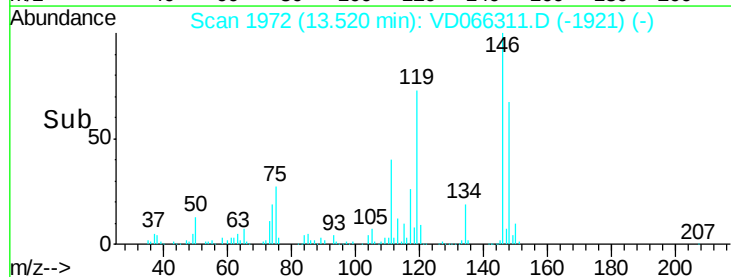
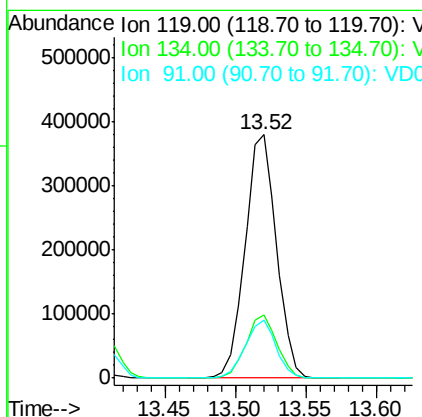
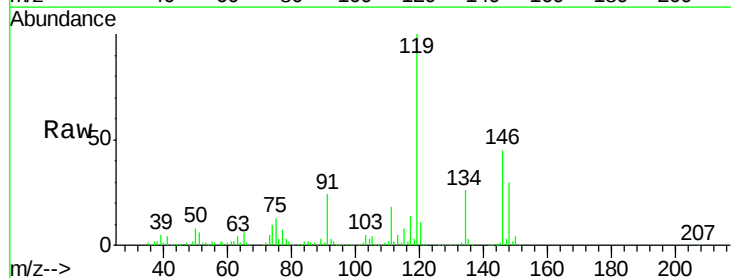
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

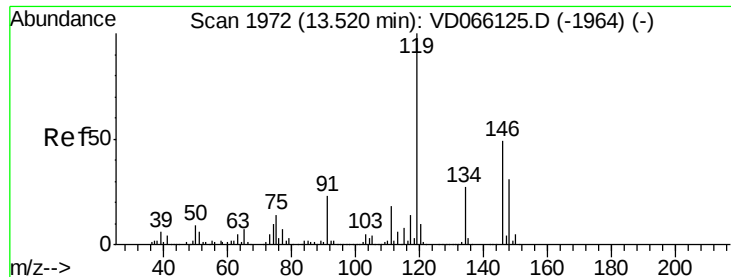
Tgt Ion:105 Resp: 618625
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 56.405 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion:119 Resp: 589019
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 23.5 11.2 33.5

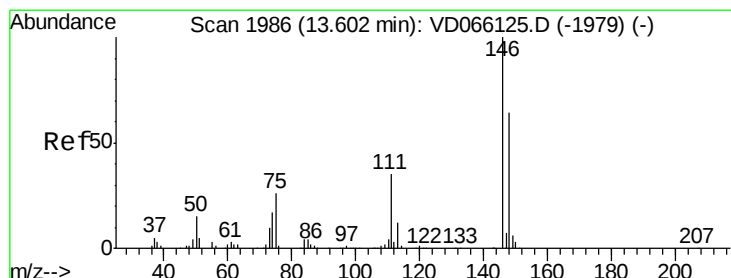
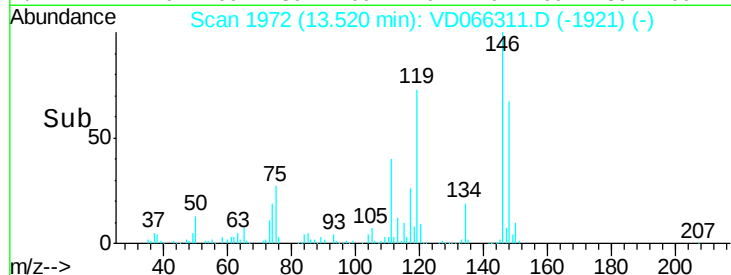
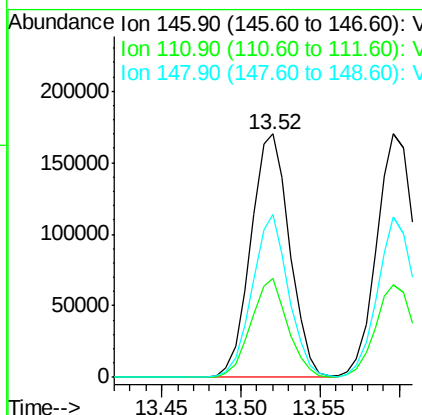
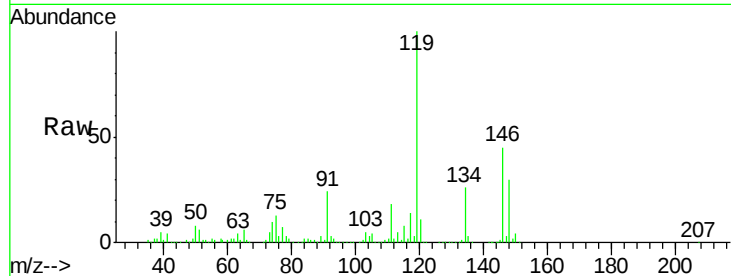




#87
 1,3-Dichlorobenzene
 Concen: 53.408 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

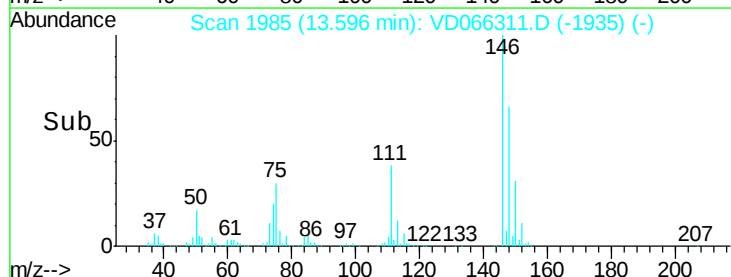
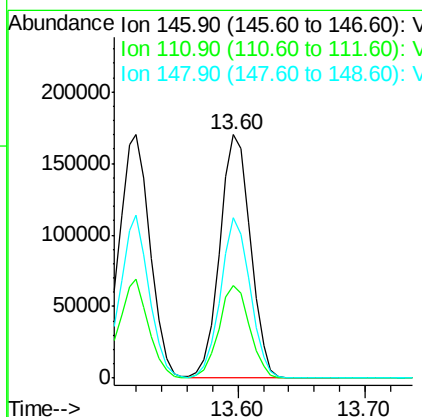
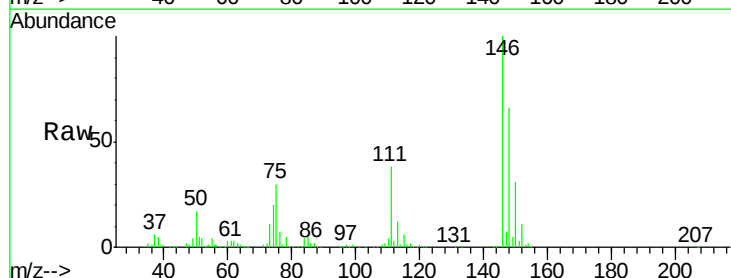
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

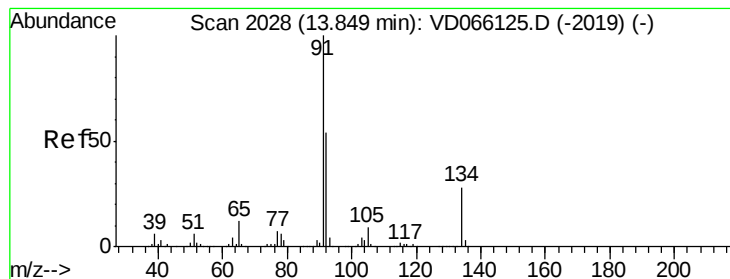
Tgt Ion:146 Resp: 289722
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 62.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.647 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion:146 Resp: 284820
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 63.6 32.4 97.0





#89

n-Butylbenzene

Concen: 56.557 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD066311.D

Acq: 19 Aug 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

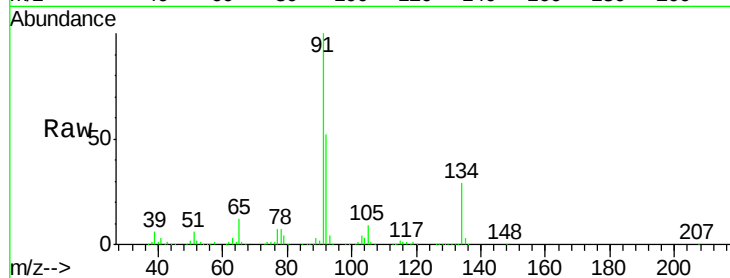
Tgt Ion: 91 Resp: 529157

Ion Ratio Lower Upper

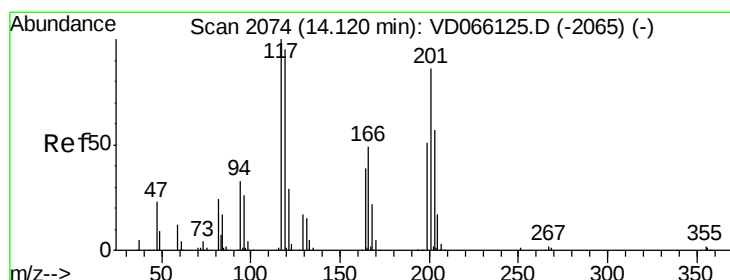
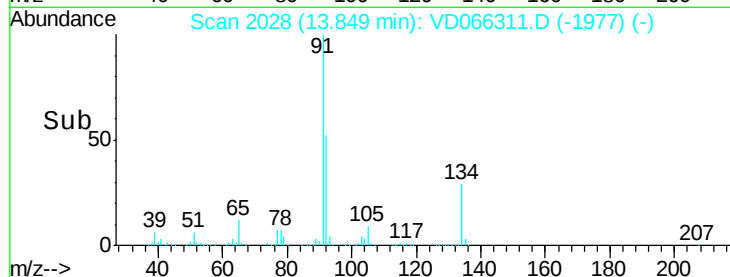
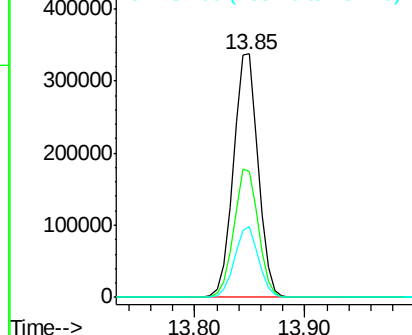
91 100

92 52.2 26.8 80.3

134 28.0 14.0 41.9



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



#90

Hexachloroethane

Concen: 53.698 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.01 min

Lab File: VD066311.D

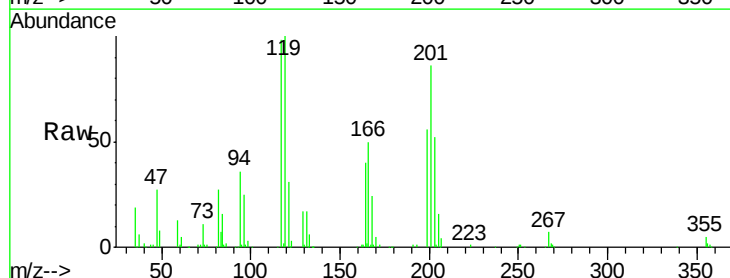
Acq: 19 Aug 2020 11:16

Tgt Ion: 117 Resp: 111837

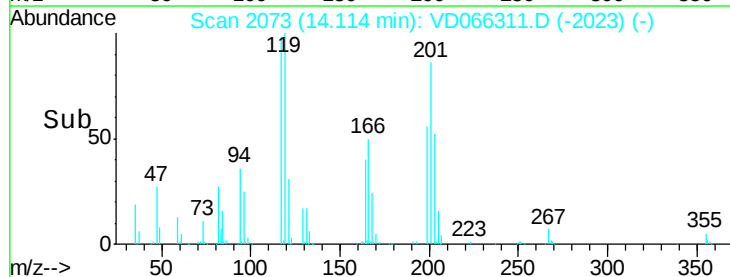
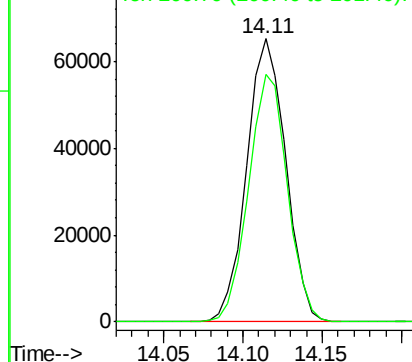
Ion Ratio Lower Upper

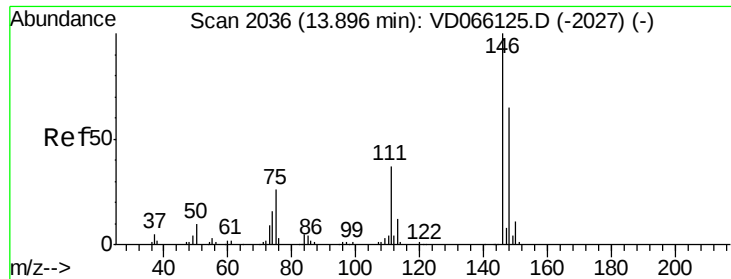
117 100

201 86.7 42.7 128.1



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

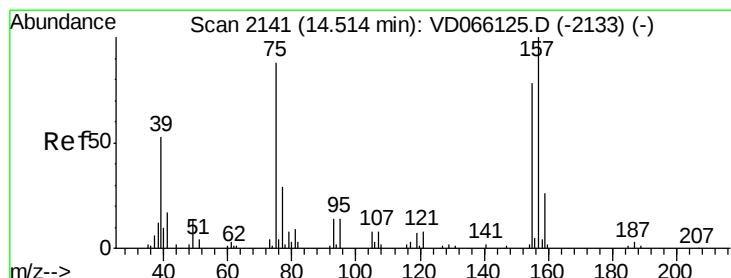
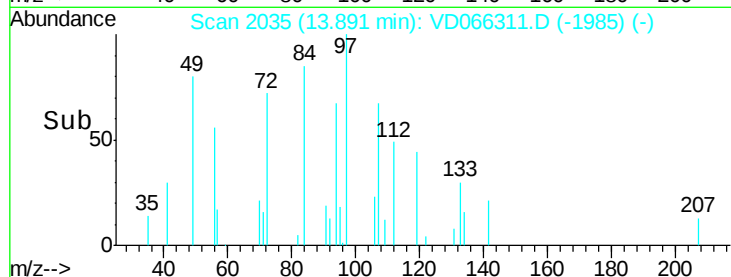
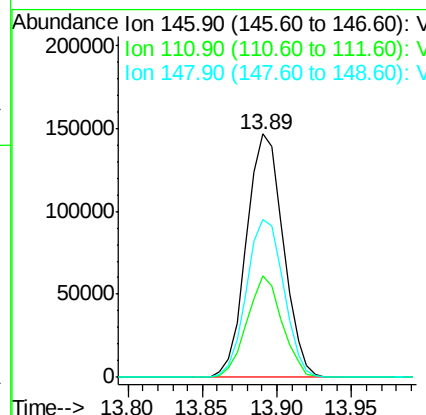
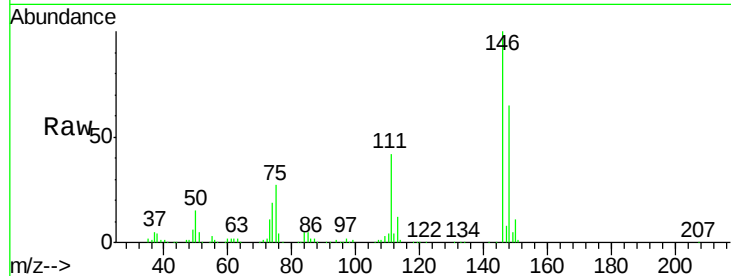




#91
 1,2-Dichlorobenzene
 Concen: 52.137 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

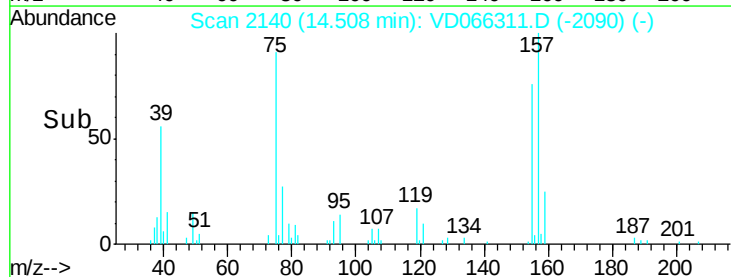
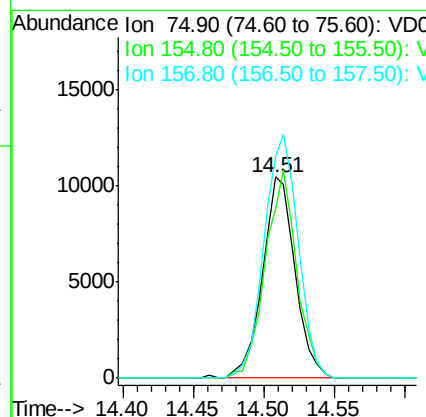
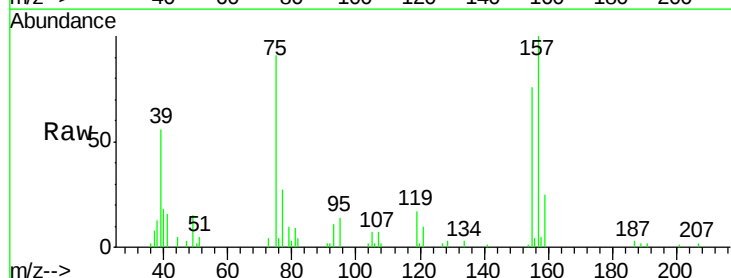
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

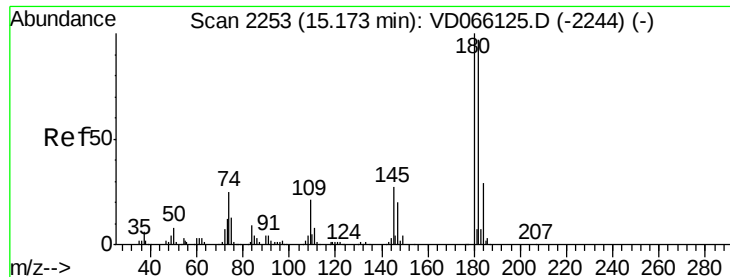
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.8	56.3
148	65.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.738 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	47.7	143.1
157	125.8	62.1	186.2

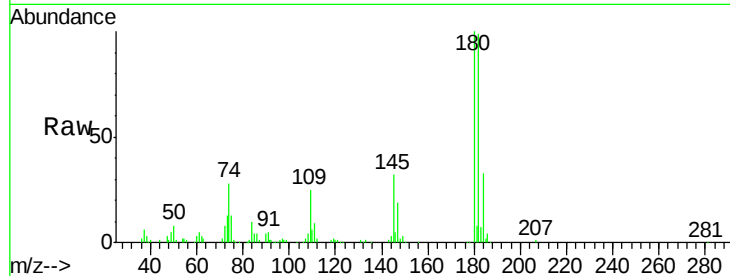




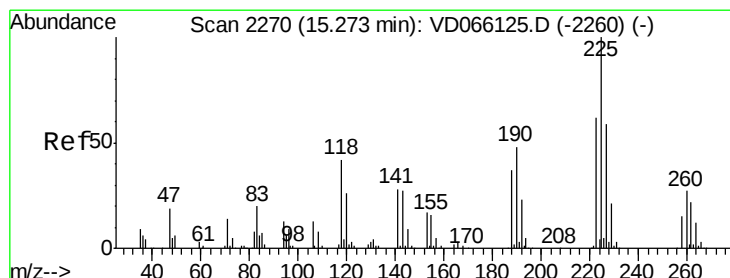
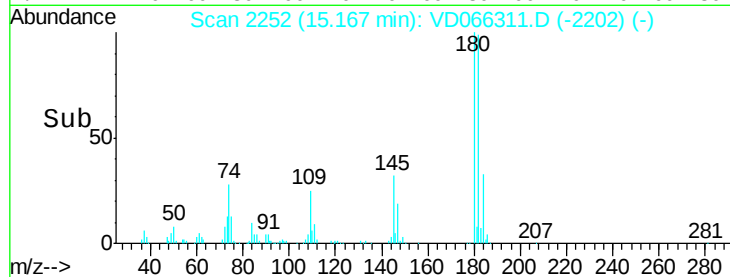
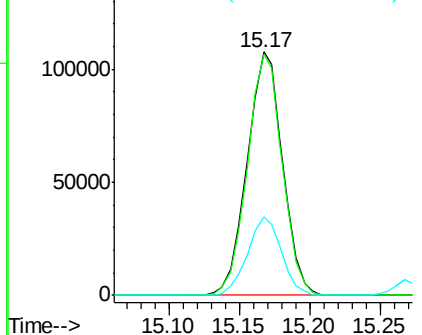
#93
 1,2,4-Trichlorobenzene
 Concen: 53.700 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	30.7	14.5	43.6

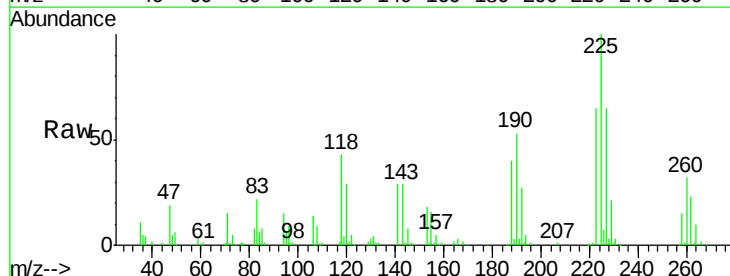


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

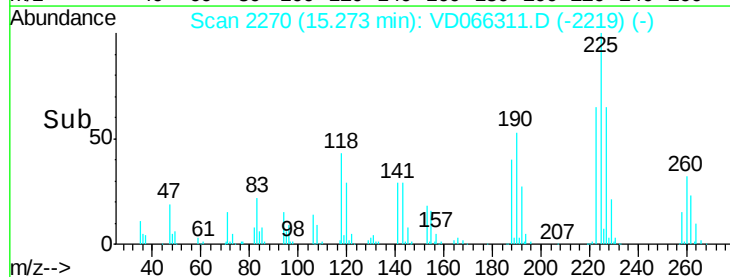
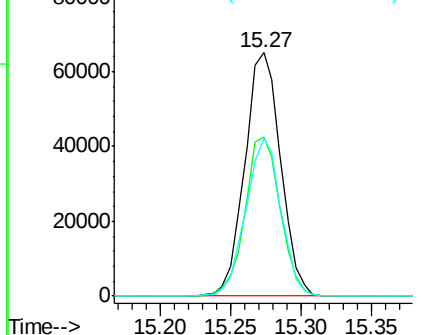


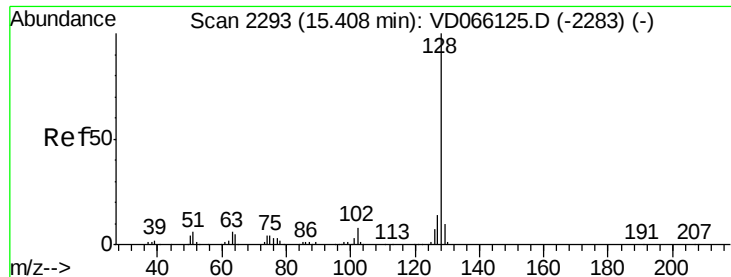
#94
 Hexachlorobutadiene
 Concen: 55.795 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066311.D
 Acq: 19 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.3	96.9
227	63.3	32.1	96.5



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

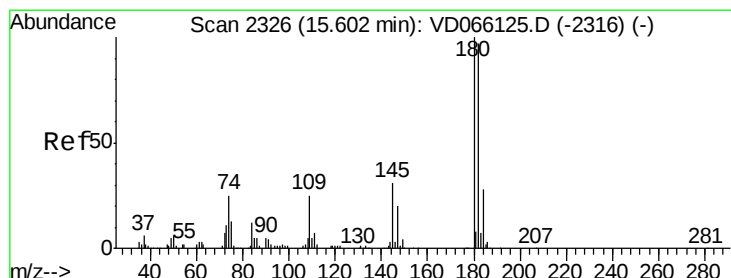
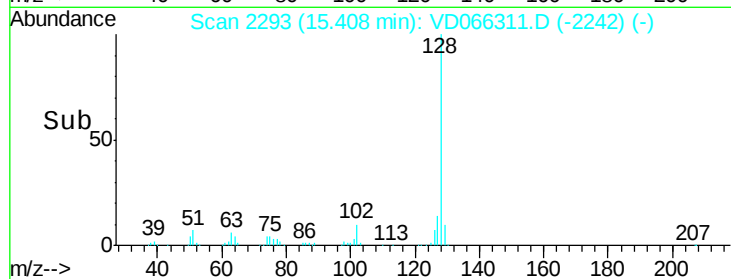
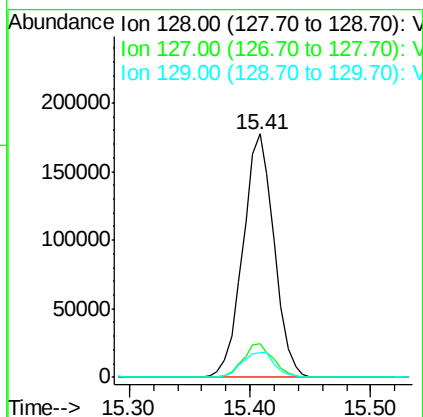
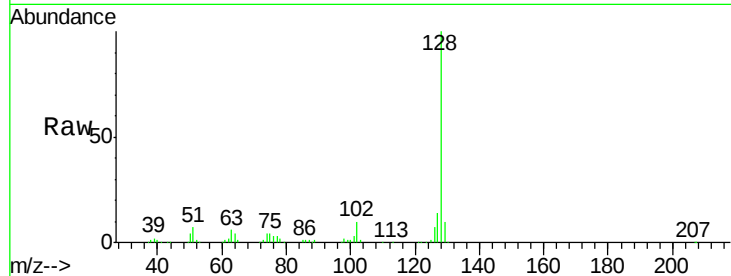




#95
Naphthalene
Concen: 55.213 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 318065
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.711 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066311.D
Acq: 19 Aug 2020 11:16

Tgt Ion:180 Resp: 170752
Ion Ratio Lower Upper
180 100
182 93.7 47.1 141.4
145 31.5 14.9 44.9

