

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
 Data File : VD066271.D
 Acq On : 18 Aug 2020 12:06
 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 18 13:47:15 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	252727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	362093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	336801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	123863	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.91	113	123594	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.33	98	443660	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.63	95	169182	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	89818	40.338	ug/l	97
3) Chloromethane	2.21	50	72350	41.771	ug/l	90
4) Vinyl Chloride	2.35	62	70498	45.974	ug/l	96
5) Bromomethane	2.77	94	53207	52.298	ug/l	94
6) Chloroethane	2.92	64	46533	49.435	ug/l #	80
7) Trichlorofluoromethane	3.27	101	195475	48.896	ug/l	97
8) Diethyl Ether	3.70	74	52289	46.354	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	111910	47.168	ug/l	97
10) Methyl Iodide	4.30	142	108870	50.348	ug/l	98
11) Tert butyl alcohol	5.21	59	33889	192.558	ug/l	96
12) 1,1-Dichloroethene	4.07	96	105364	47.076	ug/l	96
13) Acrolein	3.92	56	36849	205.321	ug/l	95
14) Allyl chloride	4.71	41	152836	45.074	ug/l	93
15) Acrylonitrile	5.41	53	114280	240.414	ug/l	100
16) Acetone	4.15	43	116296	271.838	ug/l	99
17) Carbon Disulfide	4.40	76	291545	40.968	ug/l	99
18) Methyl Acetate	4.71	43	50110	46.114	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	258415	50.373	ug/l	96
20) Methylene Chloride	4.97	84	126344	51.570	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	119347	46.418	ug/l	97
22) Diisopropyl ether	6.36	45	330976	49.360	ug/l	95
23) Vinyl Acetate	6.30	43	944251	240.374	ug/l	98
24) 1,1-Dichloroethane	6.26	63	203214	48.971	ug/l	98
25) 2-Butanone	7.21	43	143681	228.342	ug/l	96
26) 2,2-Dichloropropane	7.20	77	193516	52.031	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	134141	49.740	ug/l	99
28) Bromochloromethane	7.54	49	73574	50.480	ug/l	95
29) Tetrahydrofuran	7.56	42	88947	228.156	ug/l	97
30) Chloroform	7.71	83	228140	52.358	ug/l	92
31) Cyclohexane	7.98	56	166573	42.169	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	212104	51.917	ug/l	99
36) 1,1-Dichloropropene	8.11	75	166561	48.952	ug/l	98
37) Ethyl Acetate	7.29	43	64502	47.845	ug/l	99
38) Carbon Tetrachloride	8.09	117	199566	52.595	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	190588	46.336	ug/l	96
40) Benzene	8.34	78	462657	49.015	ug/l	97
41) Methacrylonitrile	7.55	41	90526	114.204	ug/l #	47
42) 1,2-Dichloroethane	8.42	62	144904	52.257	ug/l	98
43) Isopropyl Acetate	8.44	43	124594	46.906	ug/l	99
44) Trichloroethene	9.11	130	141900	49.889	ug/l	98
45) 1,2-Dichloropropane	9.38	63	114563	49.626	ug/l	95
46) Dibromomethane	9.47	93	66653	52.417	ug/l	98
47) Bromodichloromethane	9.66	83	175879	52.332	ug/l	93
48) Methyl methacrylate	9.45	41	64540	47.584	ug/l	95
49) 1,4-Dioxane	9.46	88	14836	908.131	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	324462	237.805	ug/l	99
52) Toluene	10.40	92	314784	50.681	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	166277	52.133	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	193124	51.681	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	93221	50.911	ug/l	98
56) Ethyl methacrylate	10.66	69	110879	50.408	ug/l	94
57) 1,3-Dichloropropane	10.94	76	152338	50.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	267248	270.107	ug/l	99
59) 2-Hexanone	10.98	43	229004	239.153	ug/l	99
60) Dibromochloromethane	11.14	129	130531	51.636	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88903	50.486	ug/l	98
64) Tetrachloroethene	10.87	164	125893	48.678	ug/l	95
65) Chlorobenzene	11.67	112	347457	50.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	139883	52.289	ug/l	99
67) Ethyl Benzene	11.74	91	612081	51.660	ug/l	98
68) m/p-Xylenes	11.85	106	468867	102.139	ug/l	97
69) o-Xylene	12.18	106	215256	51.548	ug/l	99
70) Styrene	12.20	104	383106	52.349	ug/l	99
71) Bromoform	12.36	173	79002	49.844	ug/l #	100
73) Isopropylbenzene	12.48	105	602912	51.241	ug/l	100
74) N-amyl acetate	12.29	43	124464	48.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	96847	48.271	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	128484	87.409	ug/l #	100
77) Bromobenzene	12.76	156	153258	50.600	ug/l	99
78) n-propylbenzene	12.82	91	698919	51.101	ug/l	100
79) 2-Chlorotoluene	12.91	91	400589	51.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	518441	52.687	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32372	48.683	ug/l	95
82) 4-Chlorotoluene	13.01	91	432028	52.318	ug/l	99
83) tert-Butylbenzene	13.23	119	450308	52.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	520117	52.816	ug/l	98
85) sec-Butylbenzene	13.40	105	612902	52.458	ug/l	100
86) p-Isopropyltoluene	13.52	119	577285	52.681	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	289849	50.917	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	290668	51.200	ug/l	100
89) n-Butylbenzene	13.84	91	519514	52.914	ug/l	99
90) Hexachloroethane	14.11	117	113571	51.965	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	255419	50.735	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17734	51.429	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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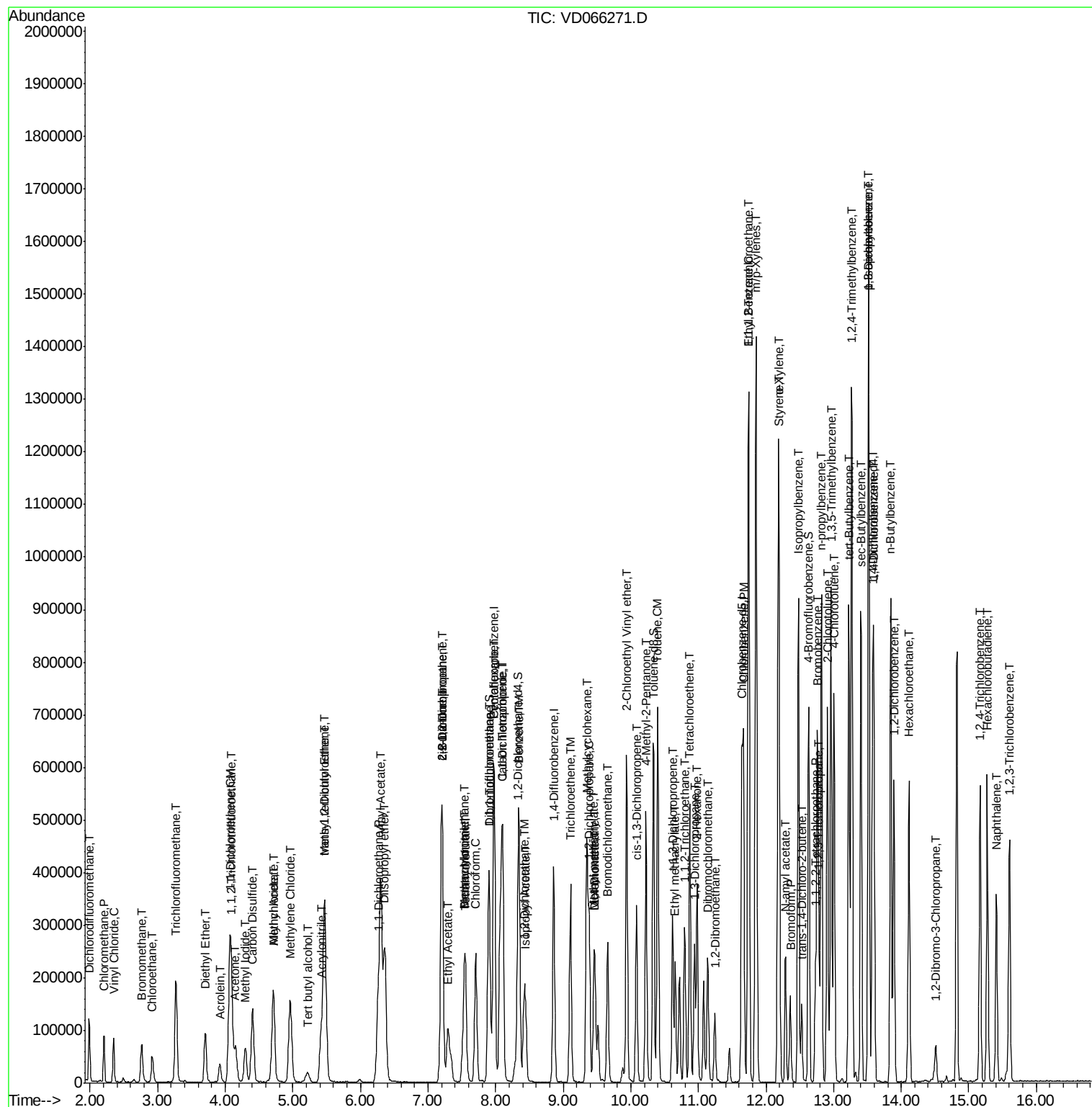
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189993	51.211	ug/l	99
94) Hexachlorobutadiene	15.27	225	117702	53.876	ug/l	97
95) Naphthalene	15.41	128	309285	51.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	165237	50.452	ug/l	98

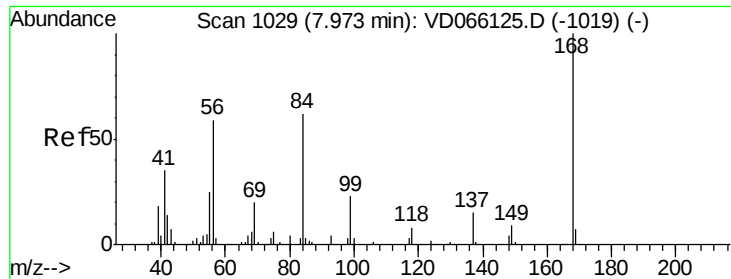
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

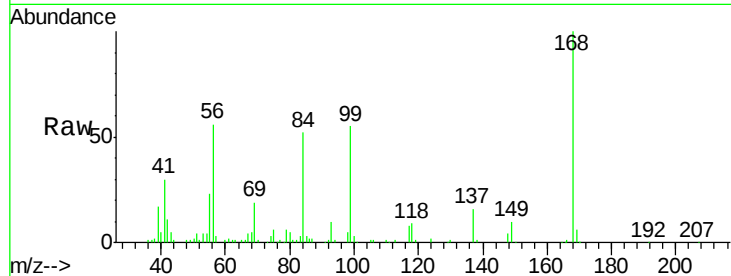
VSTDCCC050

Tgt Ion:168 Resp: 252727

Ion Ratio Lower Upper

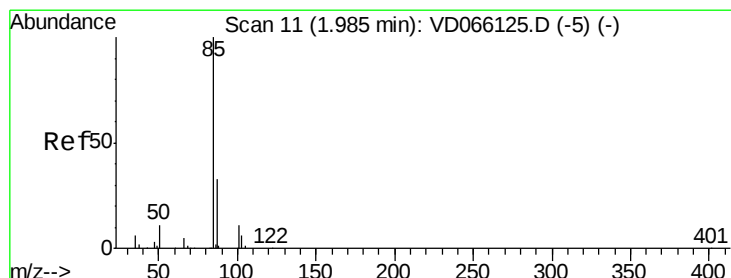
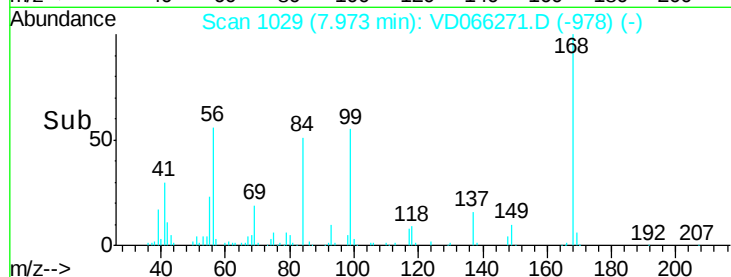
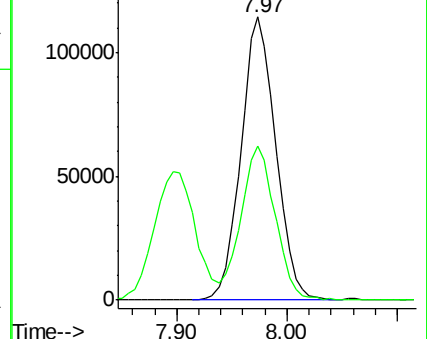
168 100

99 54.4 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: 40.338 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066271.D

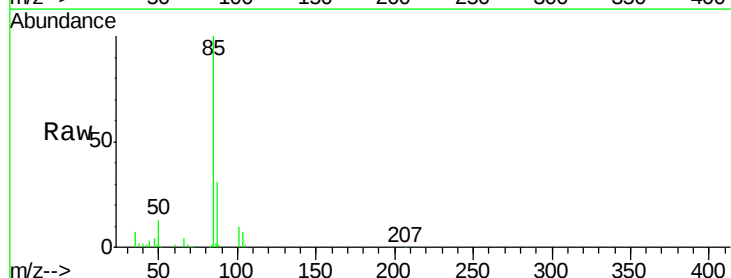
Acq: 18 Aug 2020 12:06

Tgt Ion: 85 Resp: 89818

Ion Ratio Lower Upper

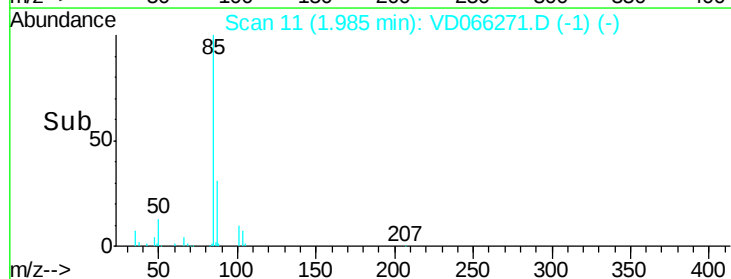
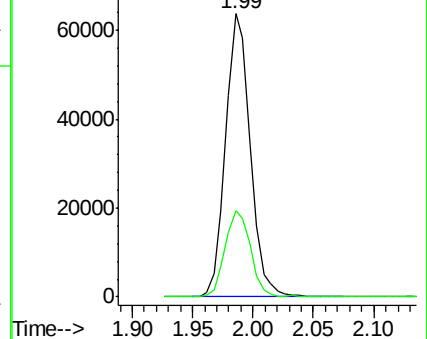
85 100

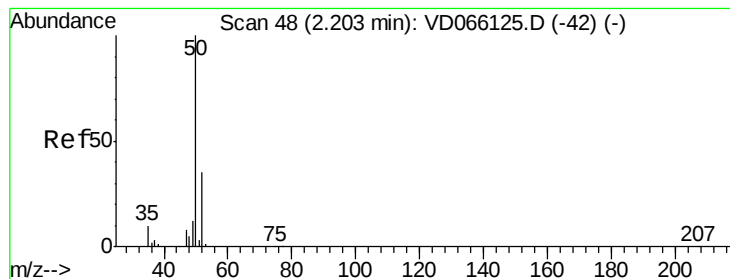
87 30.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.771 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

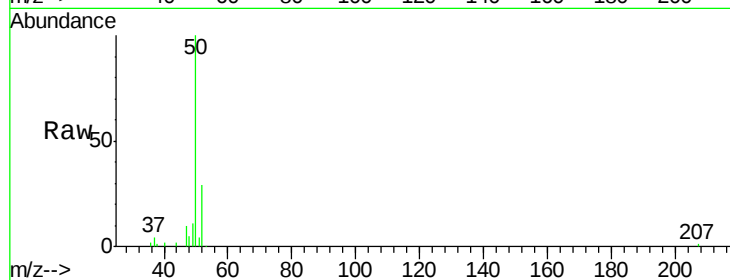
VSTDCCC050

Tgt Ion: 50 Resp: 72350

Ion Ratio Lower Upper

50 100

52 29.2 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

60000

50000

40000

30000

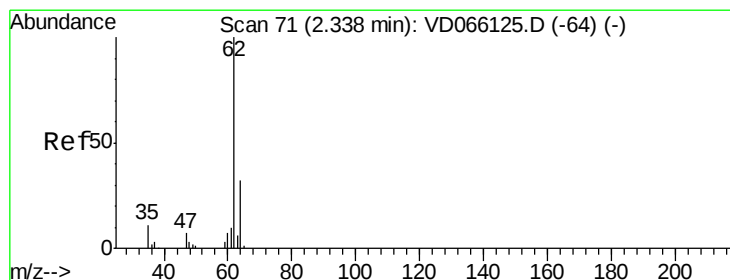
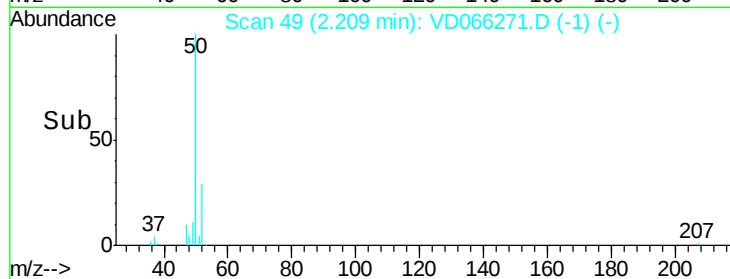
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 45.974 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066271.D

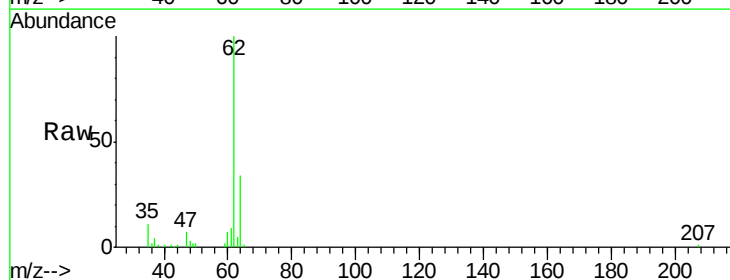
Acq: 18 Aug 2020 12:06

Tgt Ion: 62 Resp: 70498

Ion Ratio Lower Upper

62 100

64 34.5 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

30000

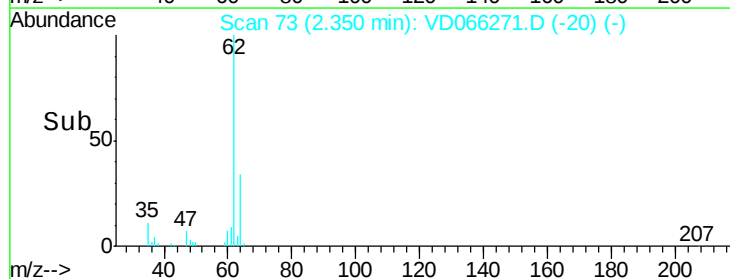
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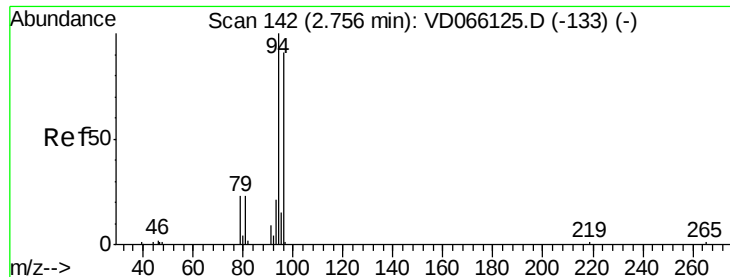
10000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 52.298 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

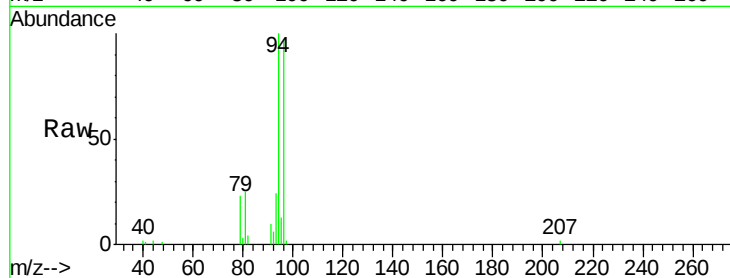
VSTDCCC050

Tgt Ion: 94 Resp: 53207

Ion Ratio Lower Upper

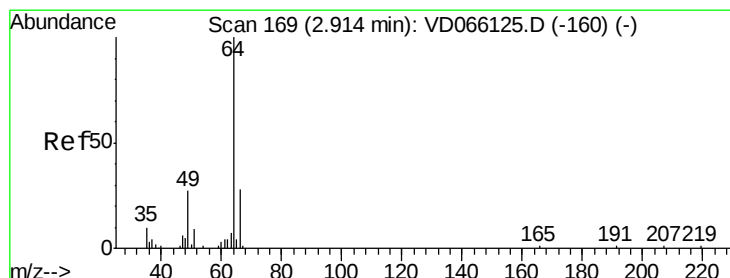
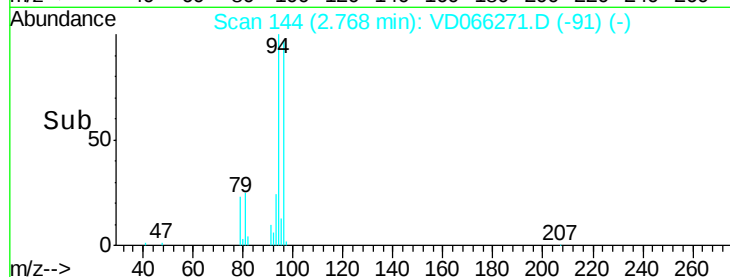
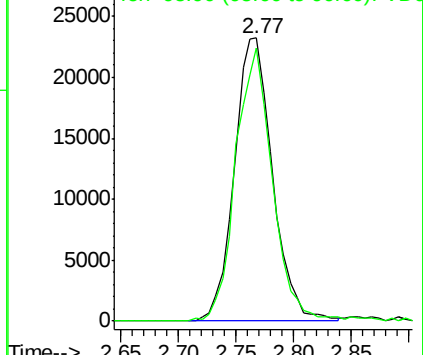
94 100

96 96.6 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.435 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066271.D

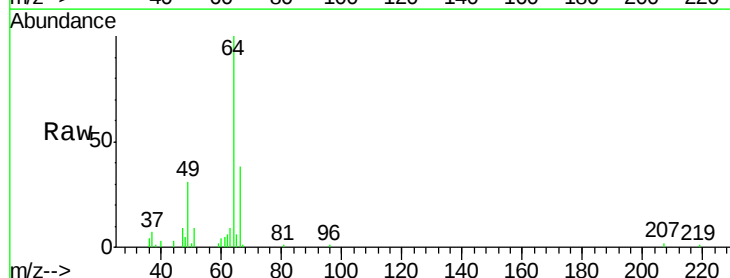
Acq: 18 Aug 2020 12:06

Tgt Ion: 64 Resp: 46533

Ion Ratio Lower Upper

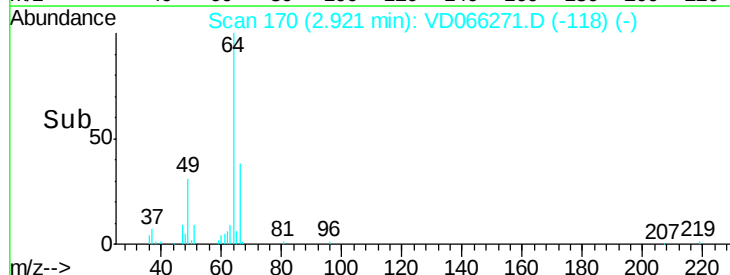
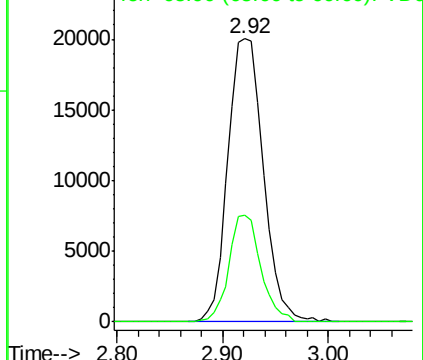
64 100

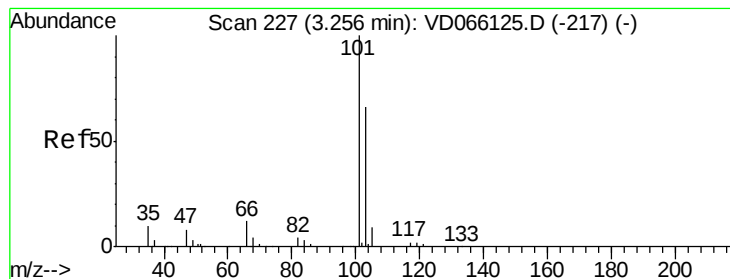
66 37.8 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 48.896 ug/l

RT: 3.27 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

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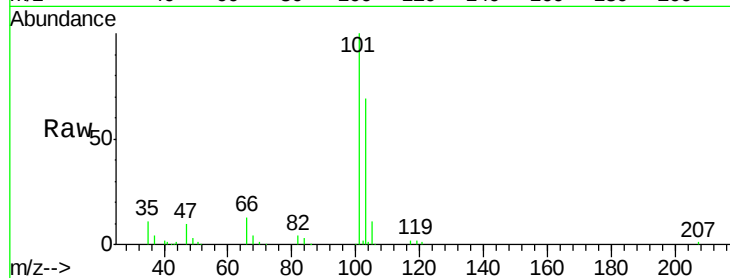
VSTDCCC050

Tgt Ion:101 Resp: 195475

Ion Ratio Lower Upper

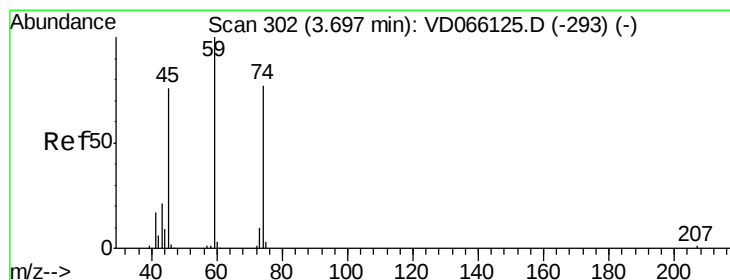
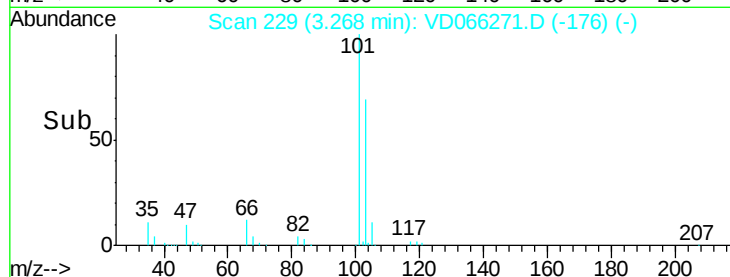
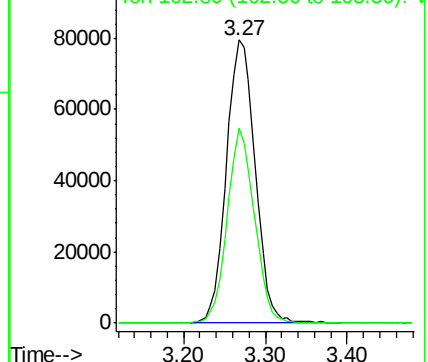
101 100

103 68.7 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: 46.354 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.01 min

Lab File: VD066271.D

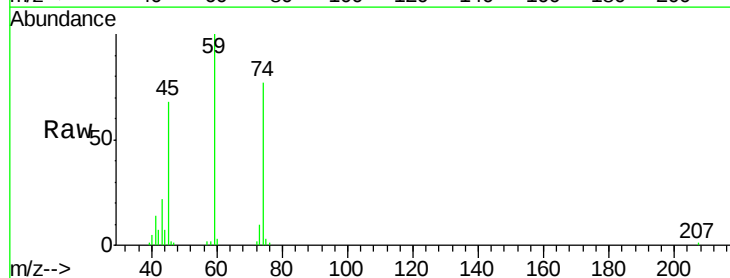
Acq: 18 Aug 2020 12:06

Tgt Ion: 74 Resp: 52289

Ion Ratio Lower Upper

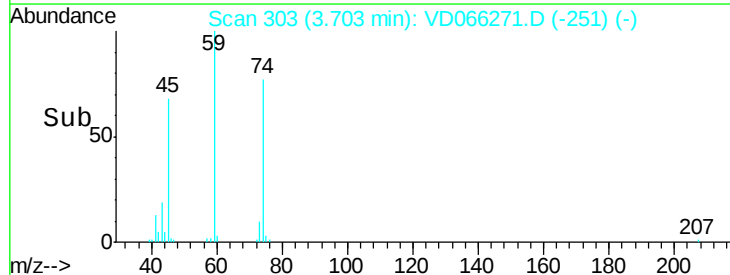
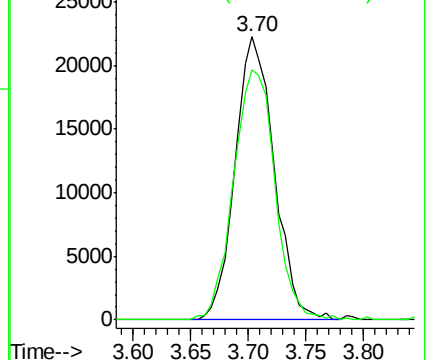
74 100

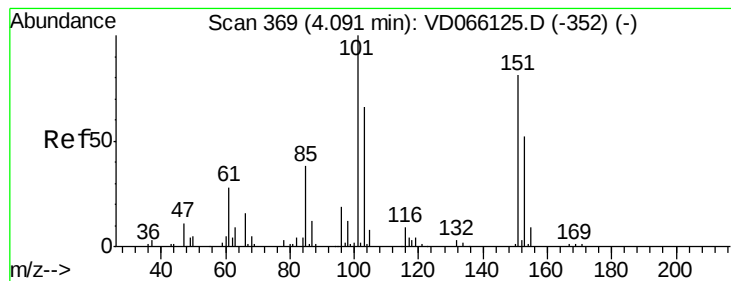
45 93.6 48.4 145.2



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: 47.168 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066271.D

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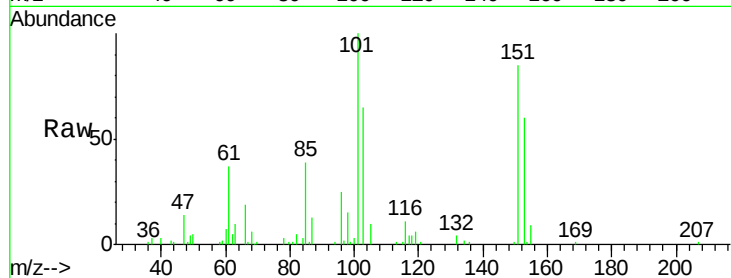
Tgt Ion:101 Resp: 111910

Ion Ratio Lower Upper

101 100

85 43.7 33.5 50.3

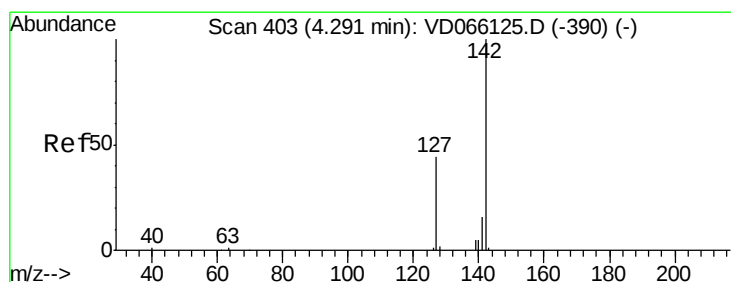
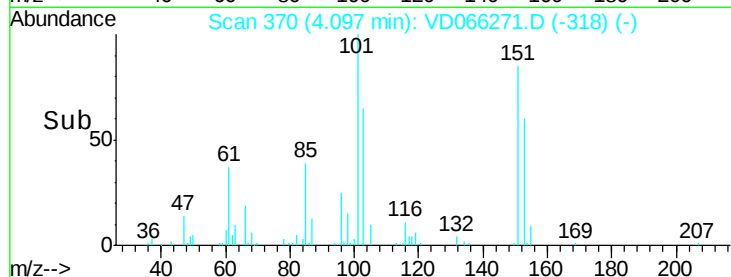
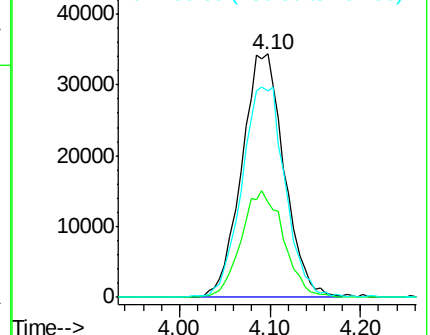
151 88.2 67.8 101.8



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: 50.348 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

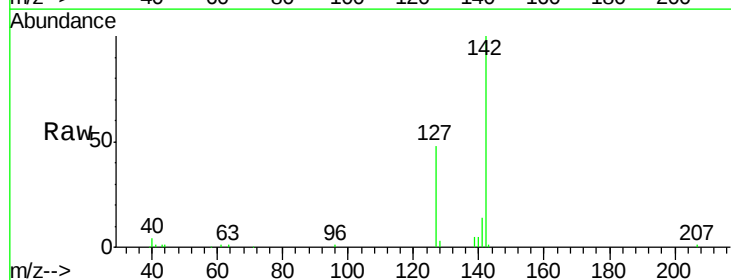
Tgt Ion:142 Resp: 108870

Ion Ratio Lower Upper

142 100

127 46.3 36.2 54.4

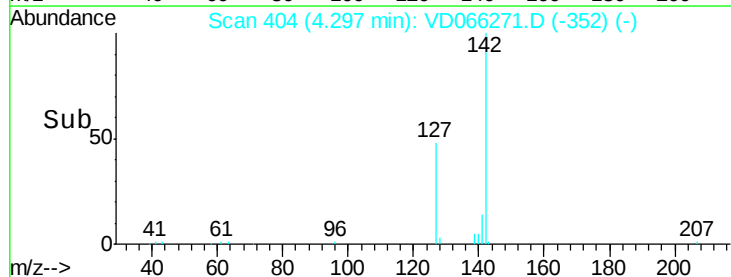
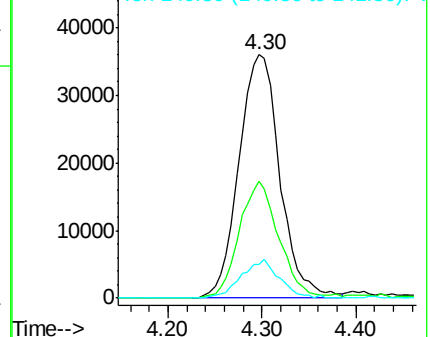
141 14.8 12.6 18.8

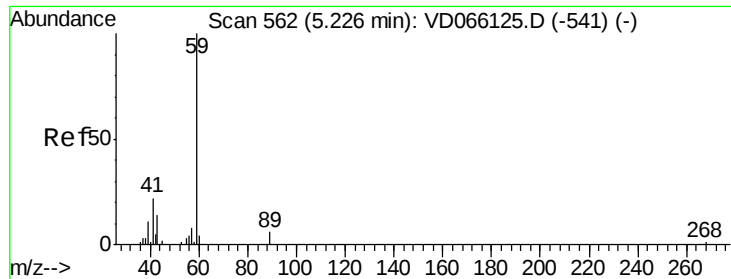


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

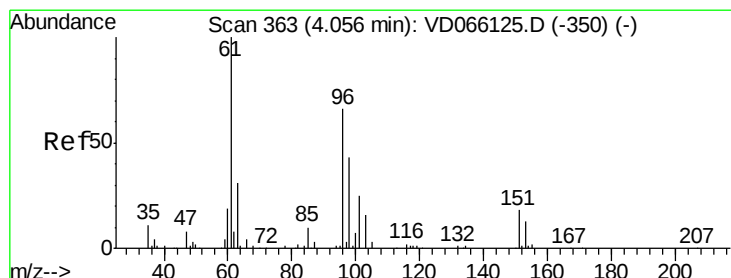
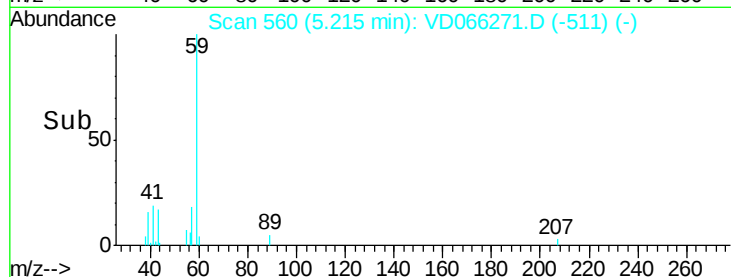
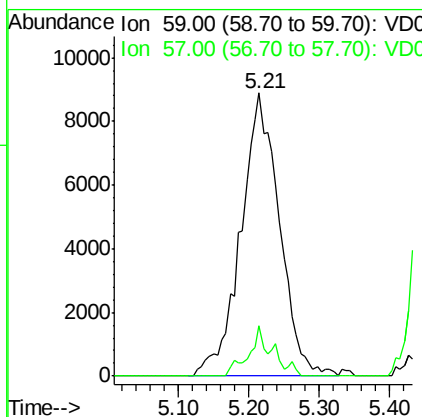
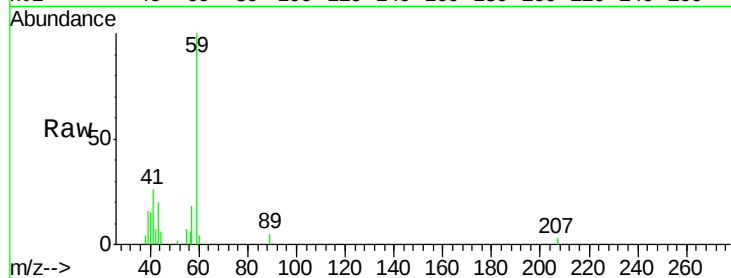




#11
Tert butyl alcohol
Concen: 192.558 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

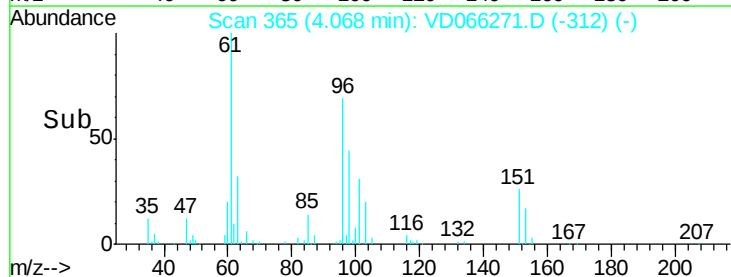
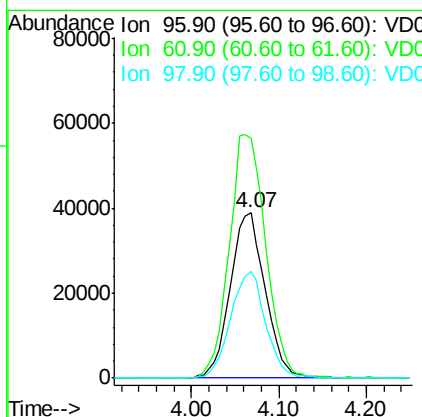
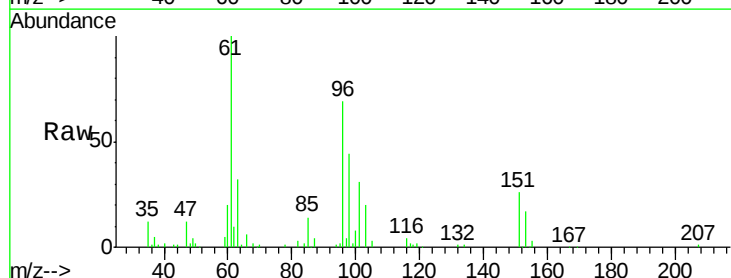
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

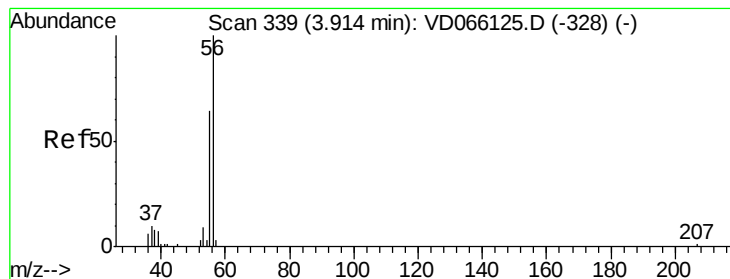
Tgt Ion: 59 Resp: 33889
Ion Ratio Lower Upper
59 100
57 7.3 7.0 10.4



#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 96 Resp: 105364
Ion Ratio Lower Upper
96 100
61 145.2 121.6 182.4
98 64.5 52.0 78.0





#13

Acrolein

Concen: 205.321 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

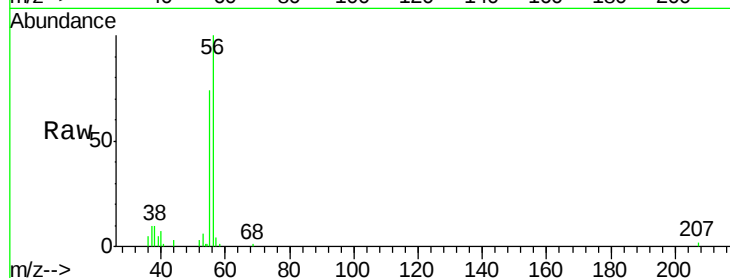
VSTDCCC050

Tgt Ion: 56 Resp: 36849

Ion Ratio Lower Upper

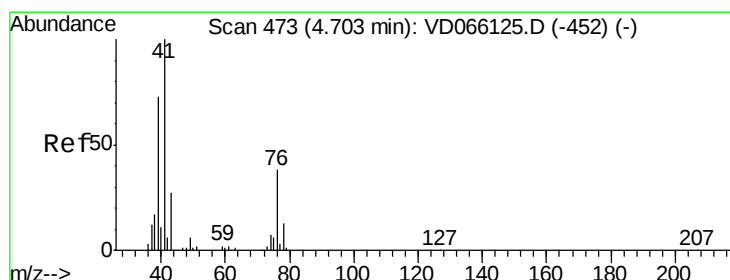
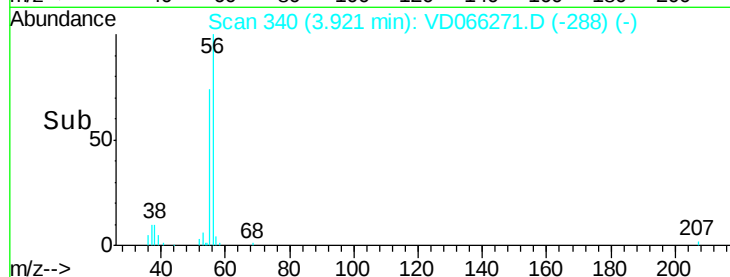
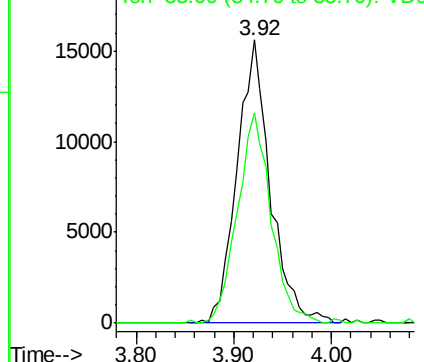
56 100

55 75.0 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: 45.074 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

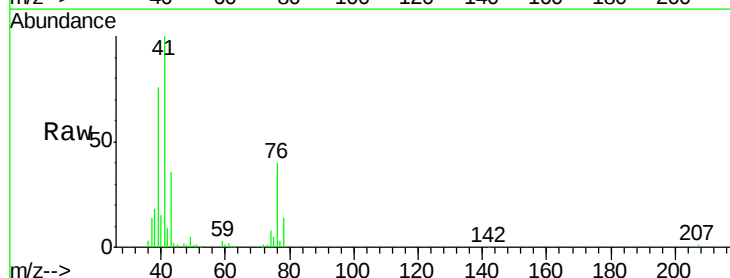
Tgt Ion: 41 Resp: 152836

Ion Ratio Lower Upper

41 100

39 78.5 57.4 86.0

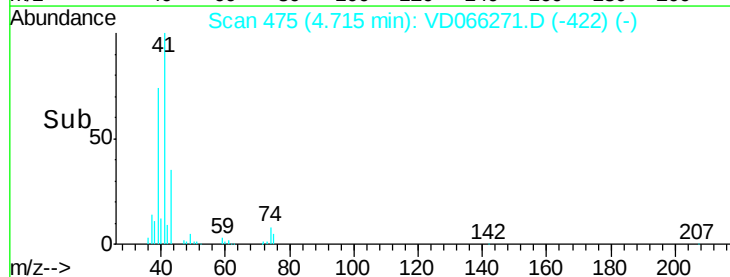
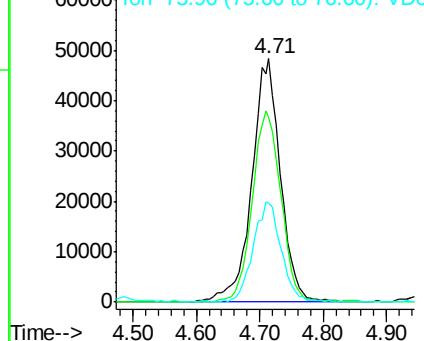
76 40.1 30.1 45.1

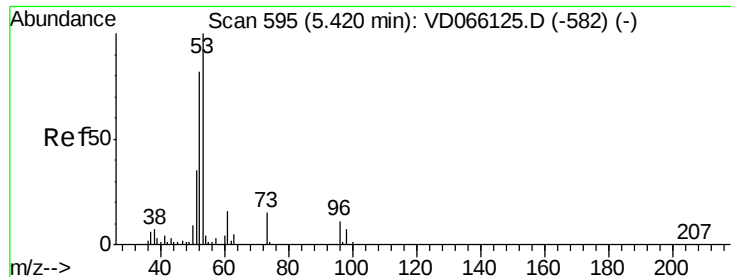


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 240.414 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

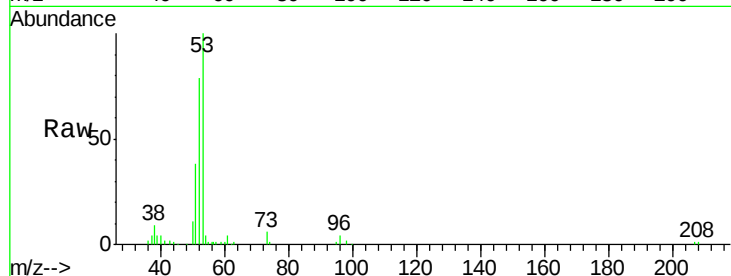
Tgt Ion: 53 Resp: 114280

Ion Ratio Lower Upper

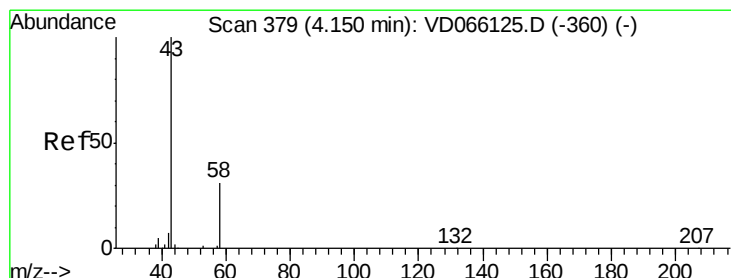
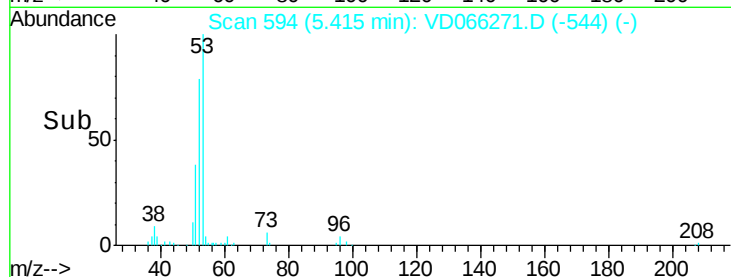
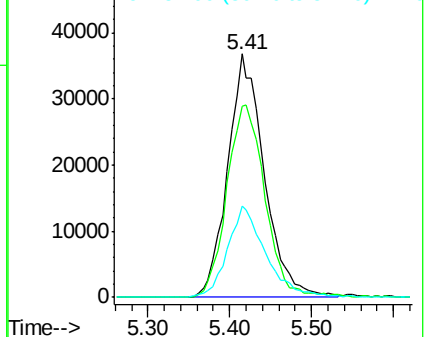
53 100

52 82.8 66.1 99.1

51 38.8 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: 271.838 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066271.D

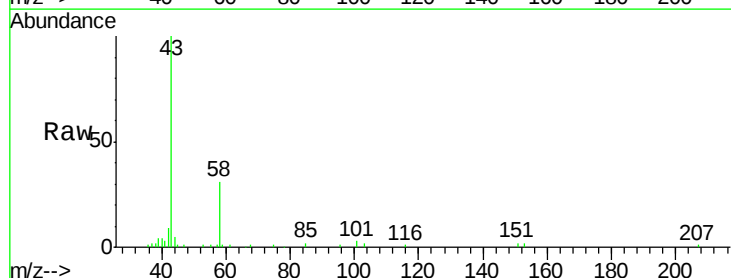
Acq: 18 Aug 2020 12:06

Tgt Ion: 43 Resp: 116296

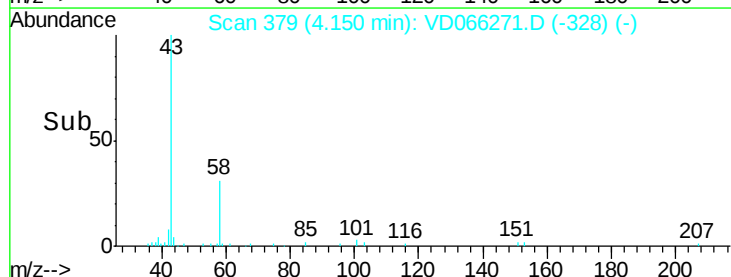
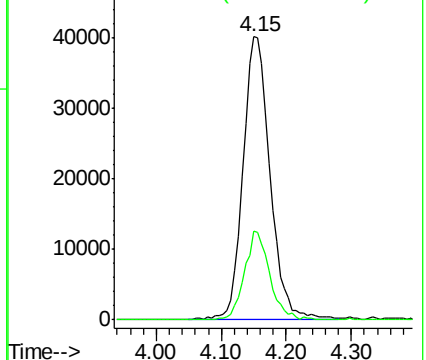
Ion Ratio Lower Upper

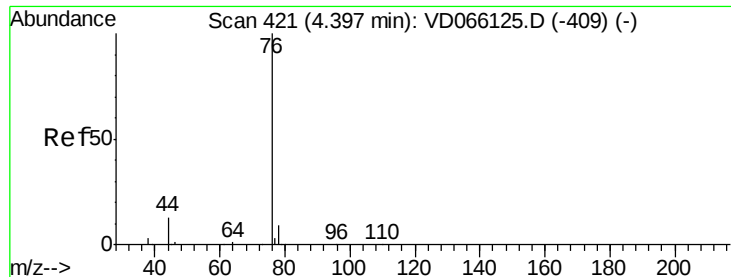
43 100

58 31.2 24.7 37.1



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

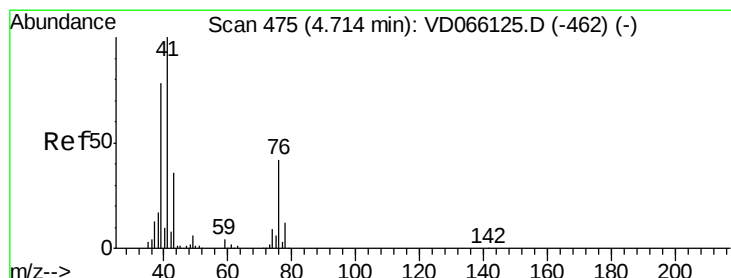
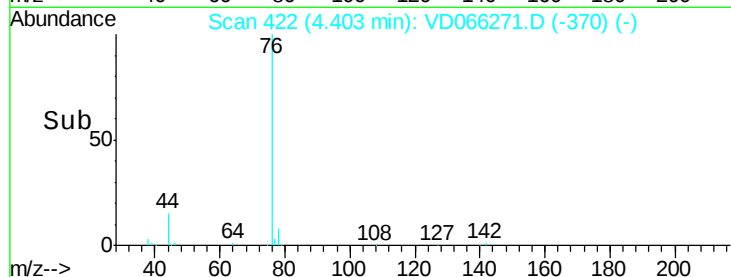
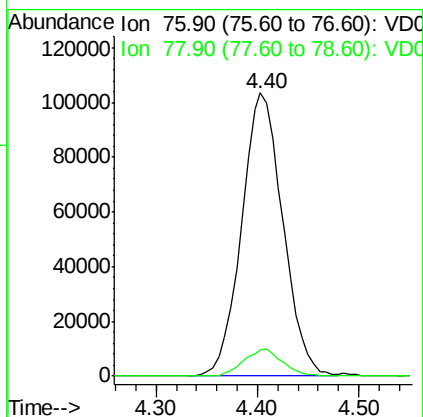
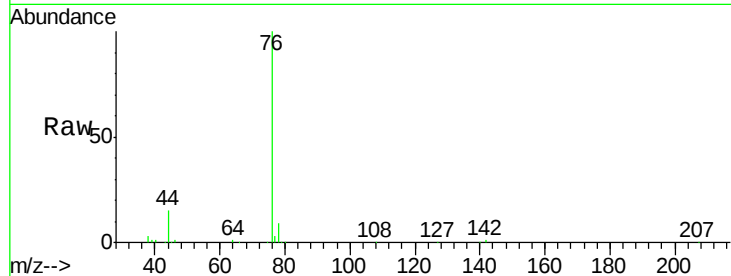




#17
Carbon Disulfide
Concen: 40.968 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

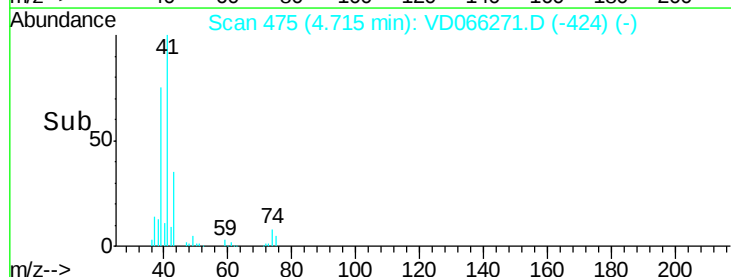
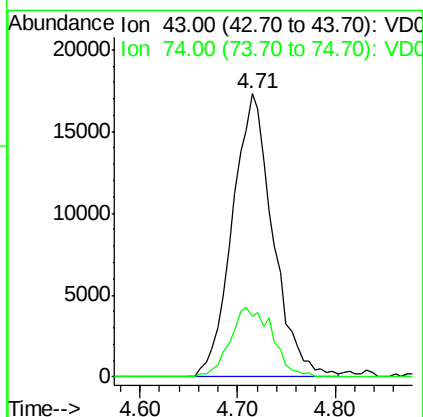
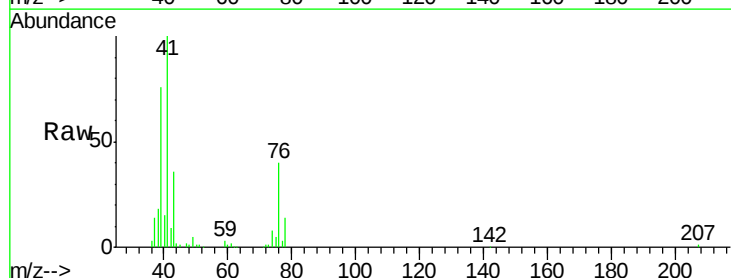
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

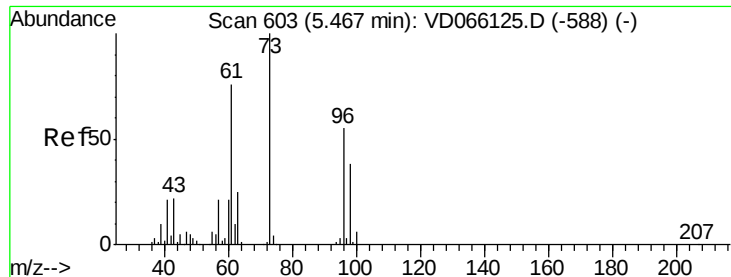
Tgt Ion: 76 Resp: 291545
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 46.114 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 43 Resp: 50110
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8



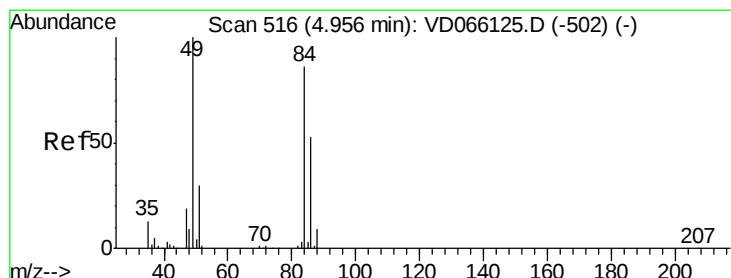
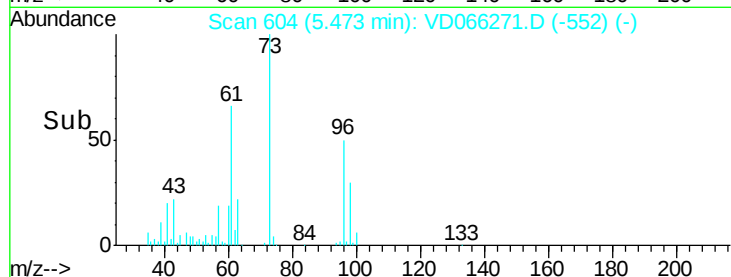
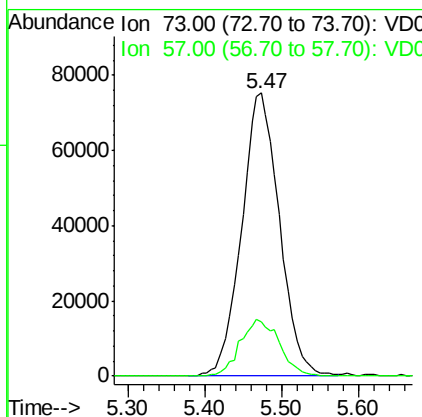
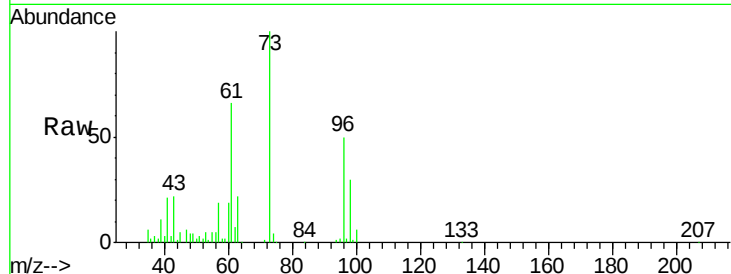


#19

Methyl tert-butyl Ether
 Concen: 50.373 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

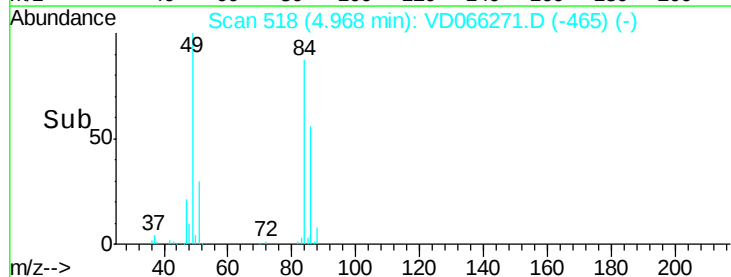
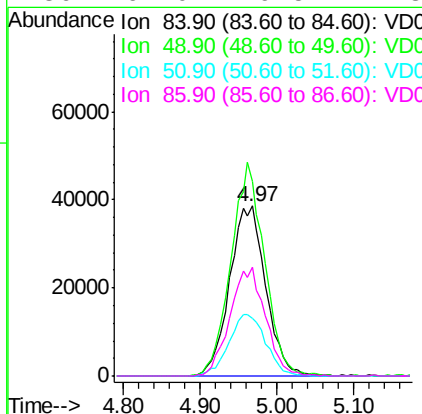
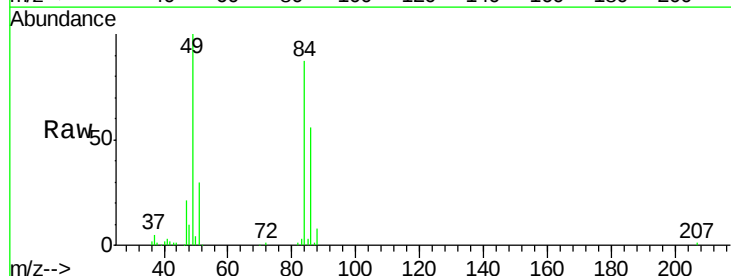
Tgt Ion: 73 Resp: 258415
 Ion Ratio Lower Upper
 73 100
 57 19.4 17.1 25.7

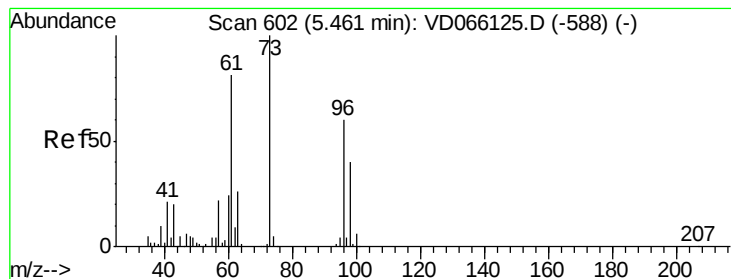


#20

Methylene Chloride
 Concen: 51.570 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 84 Resp: 126344
 Ion Ratio Lower Upper
 84 100
 49 114.5 93.5 140.3
 51 33.9 28.2 42.4
 86 64.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.418 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

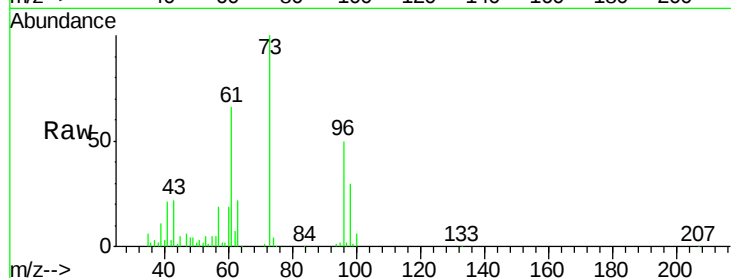
Tgt Ion: 96 Resp: 119347

Ion Ratio Lower Upper

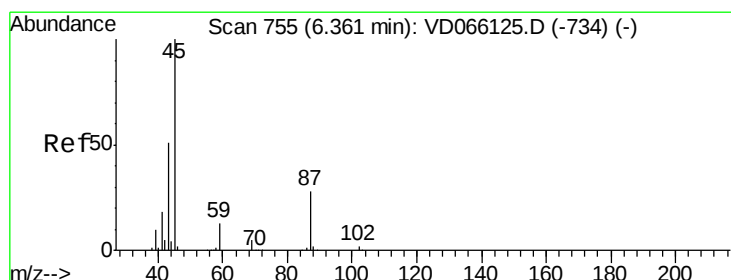
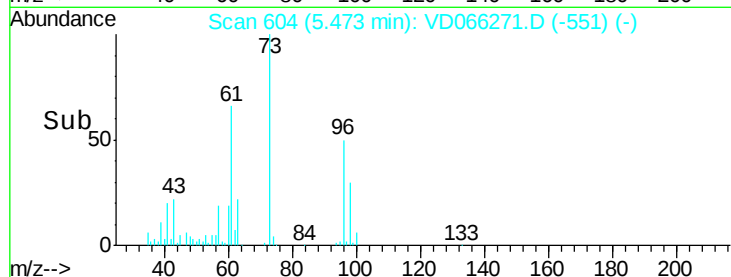
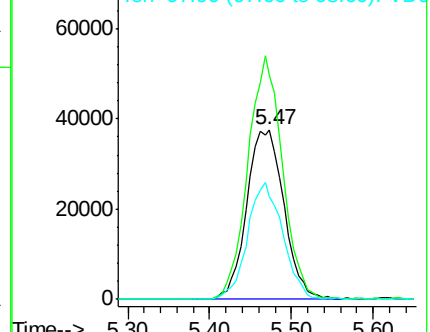
96 100

61 132.3 106.9 160.3

98 61.0 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: 49.360 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion: 45 Resp: 330976

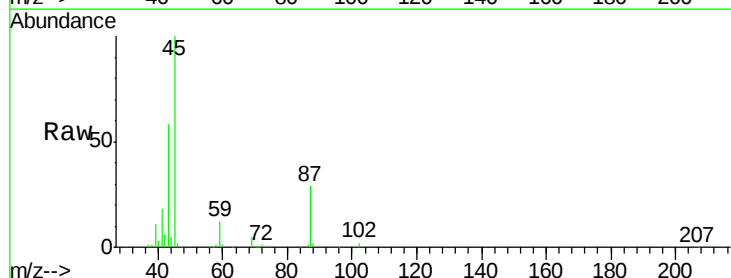
Ion Ratio Lower Upper

45 100

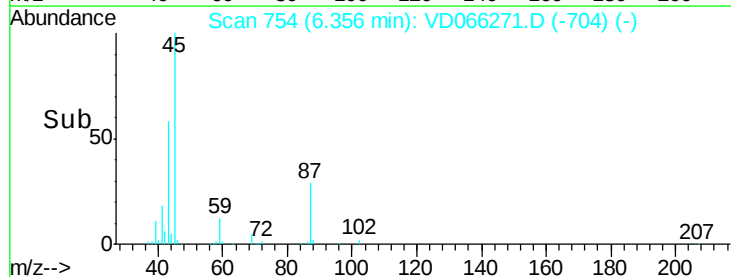
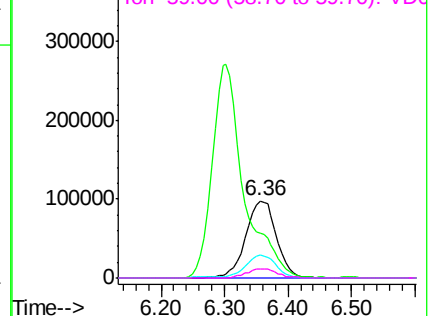
43 57.2 41.2 61.8

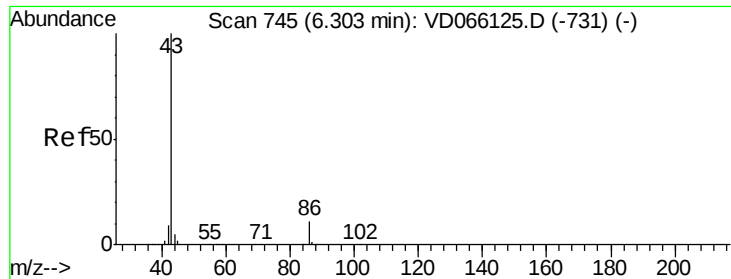
87 29.3 22.8 34.2

59 12.1 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

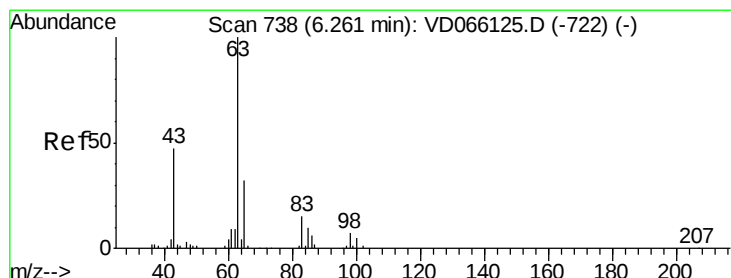
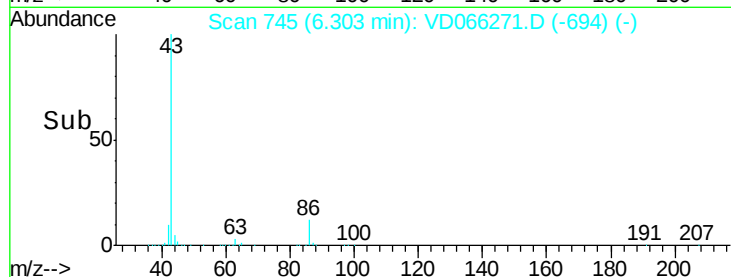
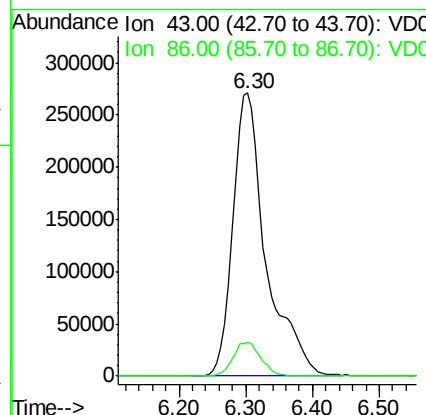
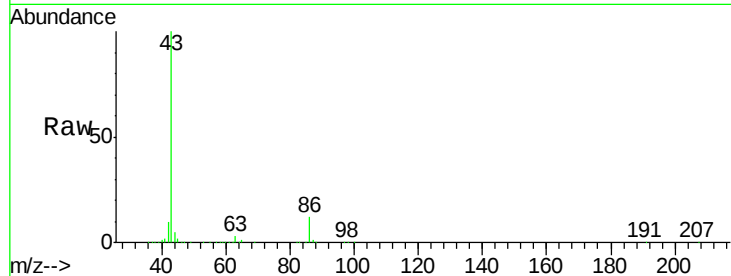




#23
 Vinyl Acetate
 Concen: 240.374 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

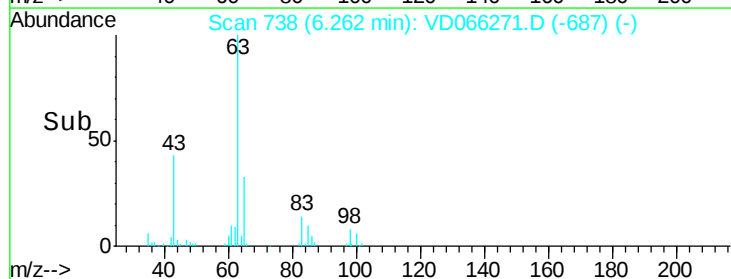
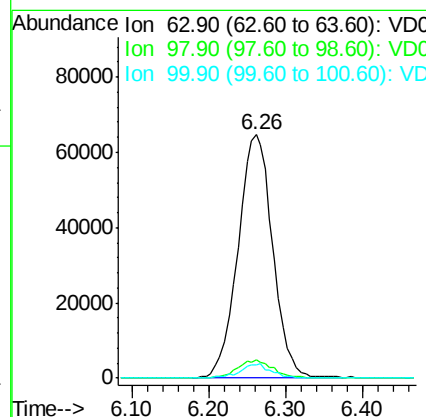
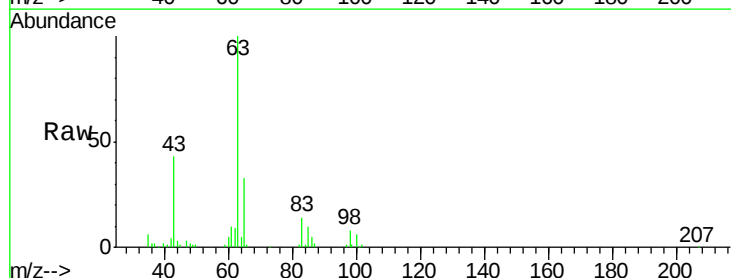
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

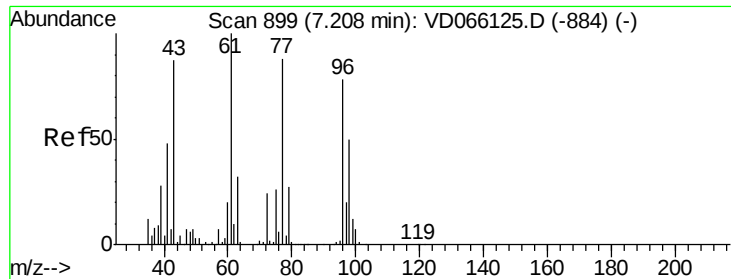
Tgt Ion: 43 Resp: 944251
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 48.971 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 63 Resp: 203214
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 5.6 2.4 7.2

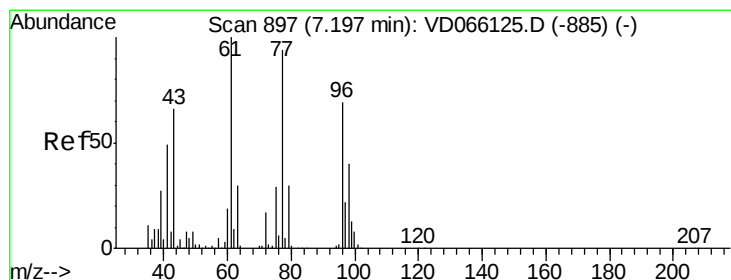
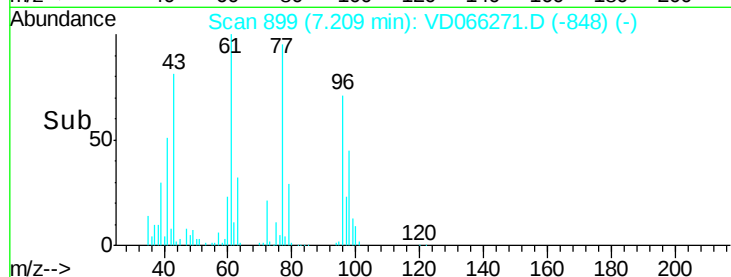
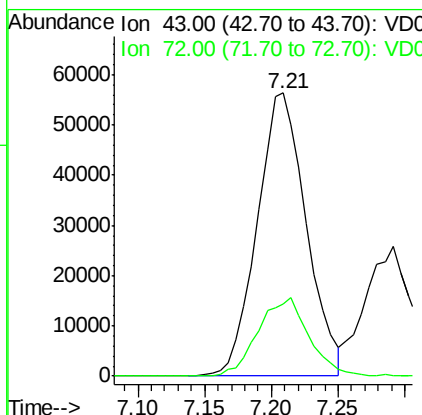
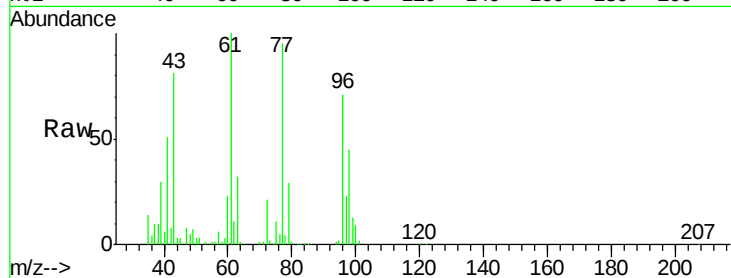




#25
2-Butanone
Concen: 228.342 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

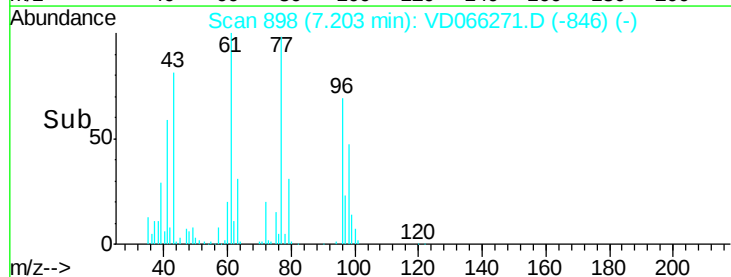
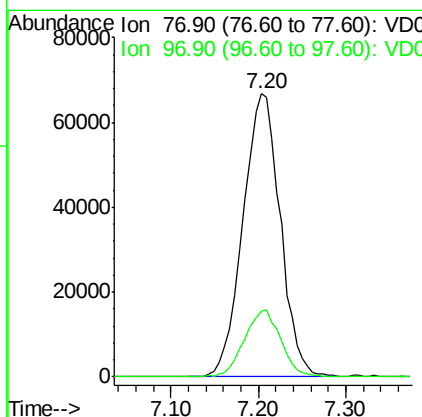
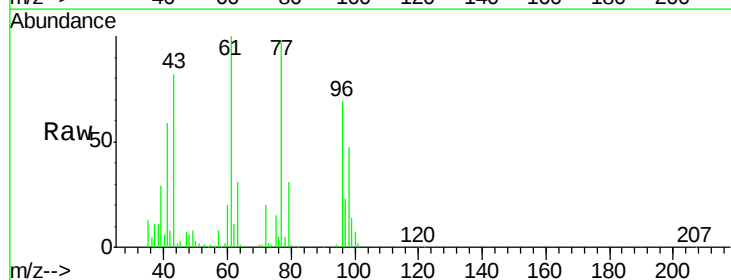
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

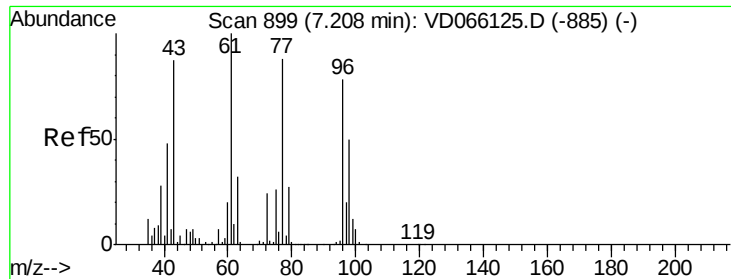
Tgt Ion: 43 Resp: 143681
Ion Ratio Lower Upper
43 100
72 25.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 52.031 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 77 Resp: 193516
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3

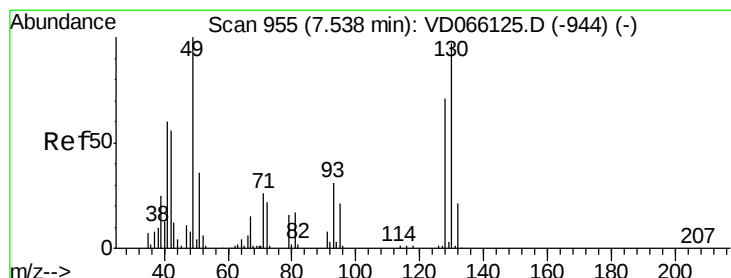
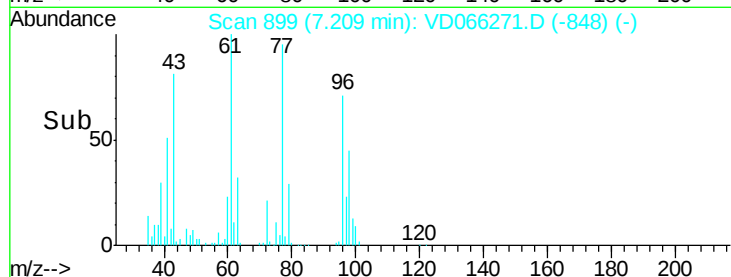
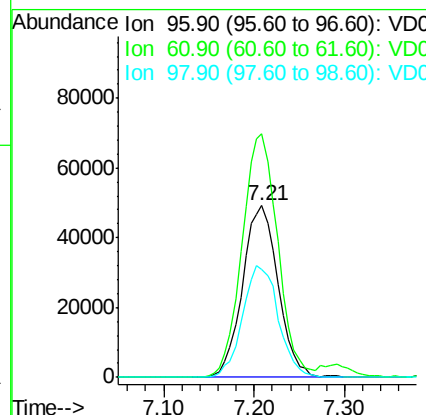
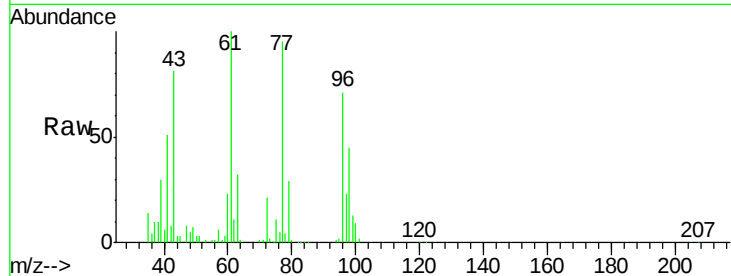




#27
 cis-1,2-Dichloroethene
 Concen: 49.740 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

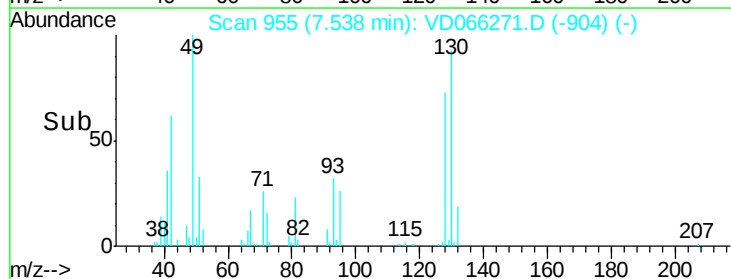
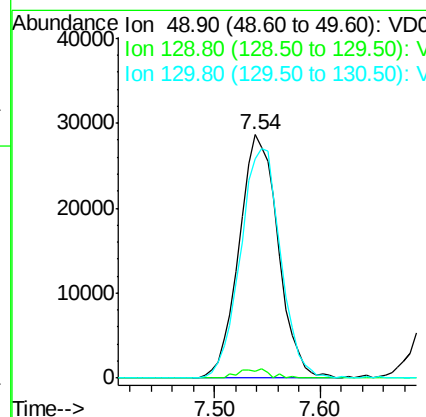
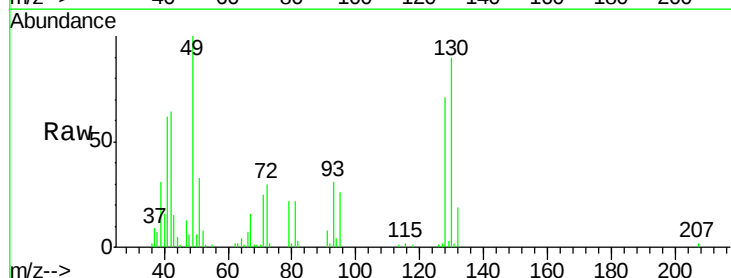
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

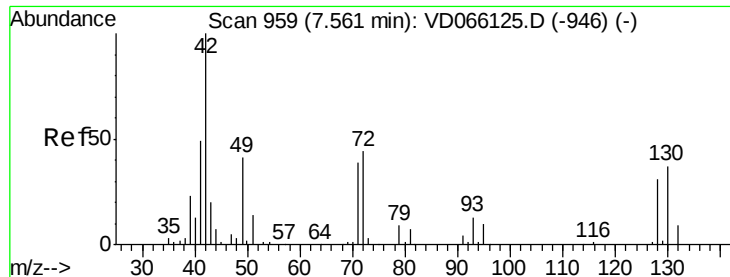
Tgt Ion: 96 Resp: 134141
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 281.6
 98 65.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.480 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 49 Resp: 73574
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 96.8 73.8 110.6

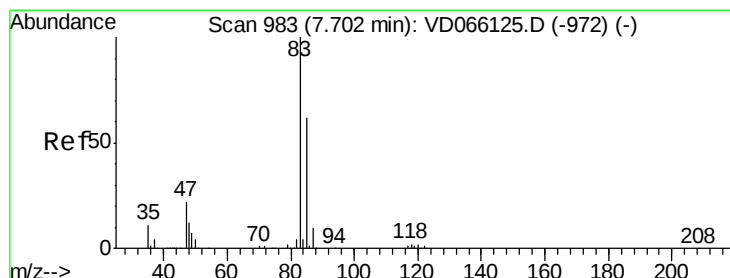
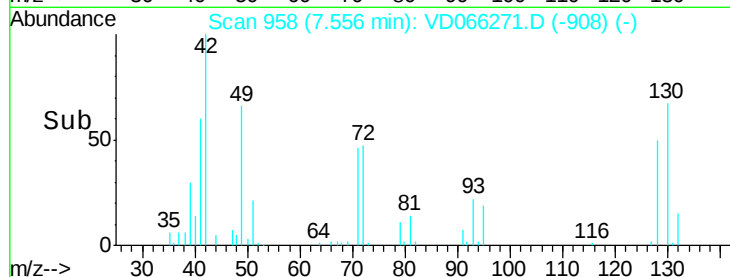
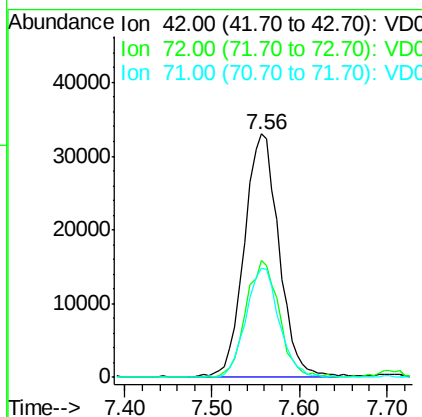
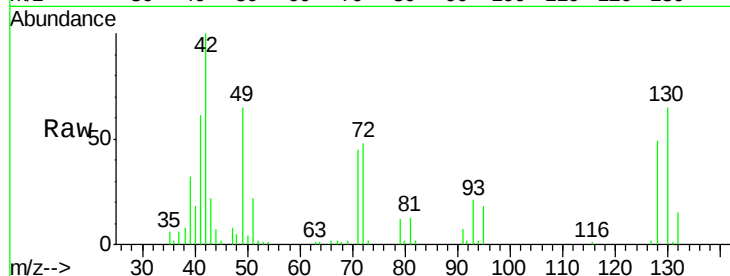




#29
Tetrahydrofuran
Concen: 228.156 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

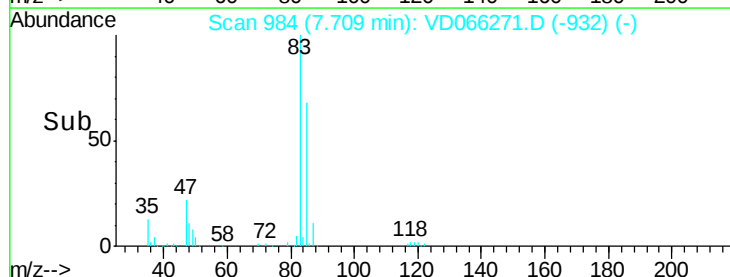
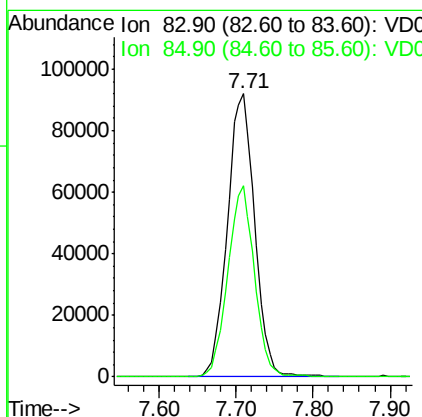
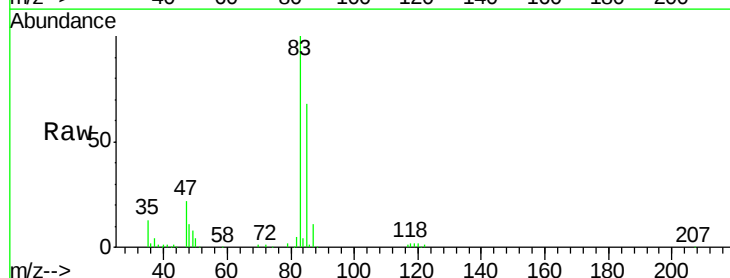
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

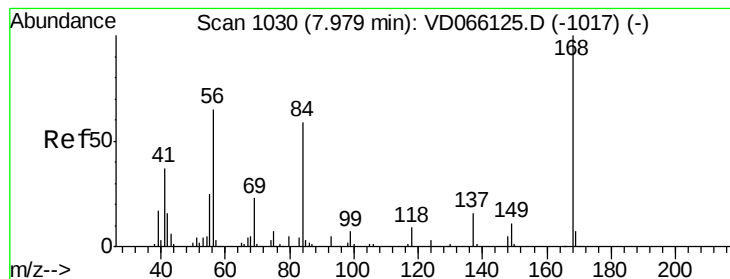
Tgt Ion: 42 Resp: 88947
Ion Ratio Lower Upper
42 100
72 45.9 34.8 52.2
71 42.8 33.5 50.3



#30
Chloroform
Concen: 52.358 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 83 Resp: 228140
Ion Ratio Lower Upper
83 100
85 67.7 49.5 74.3





#31

Cyclohexane

Concen: 42.169 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

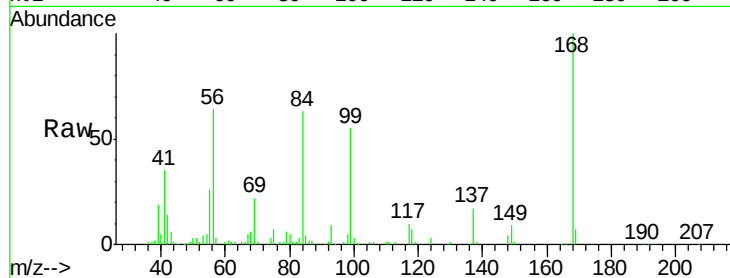
Tgt Ion: 56 Resp: 166573

Ion Ratio Lower Upper

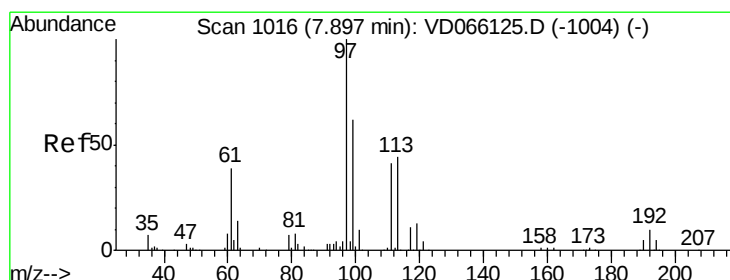
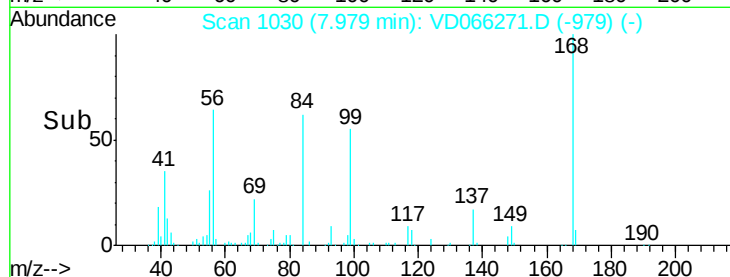
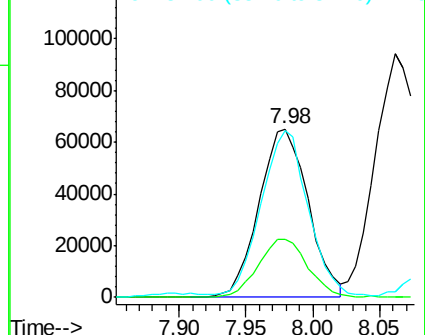
56 100

69 34.6 28.8 43.2

84 96.5 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: 51.917 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

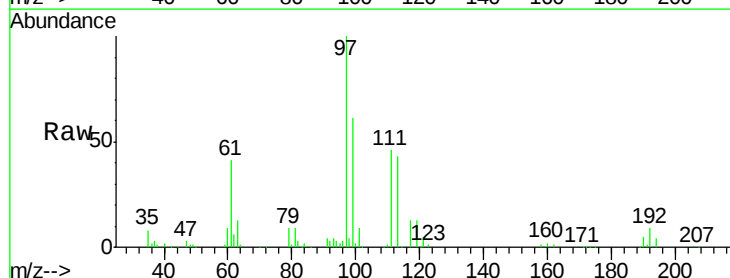
Tgt Ion: 97 Resp: 212104

Ion Ratio Lower Upper

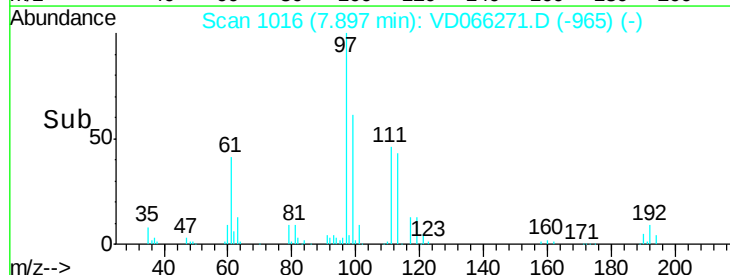
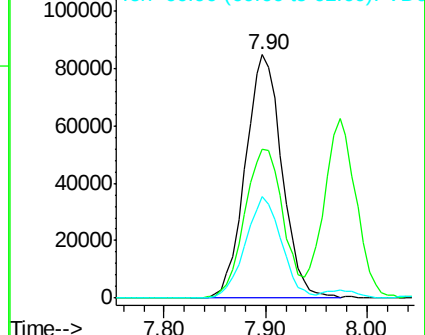
97 100

99 64.7 51.1 76.7

61 41.1 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: 54.935 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

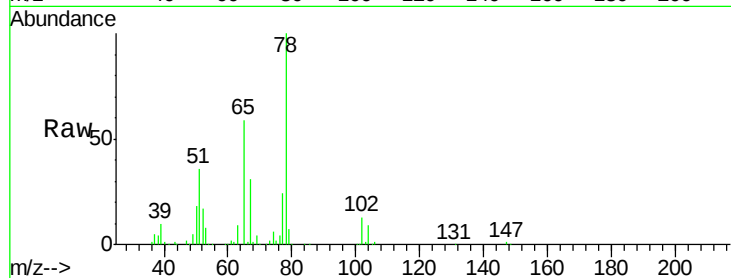
VSTDCCC050

Tgt Ion: 65 Resp: 123863

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

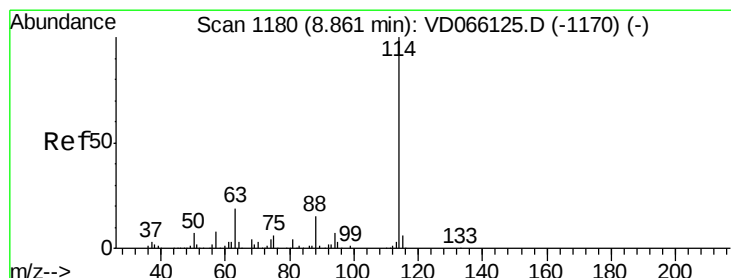
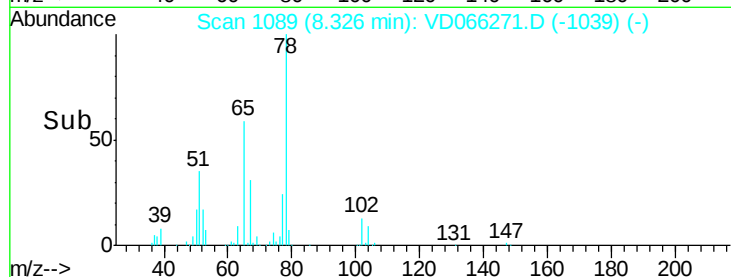
30000

20000

10000

0

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: VD066271.D

Acq: 18 Aug 2020 12:06

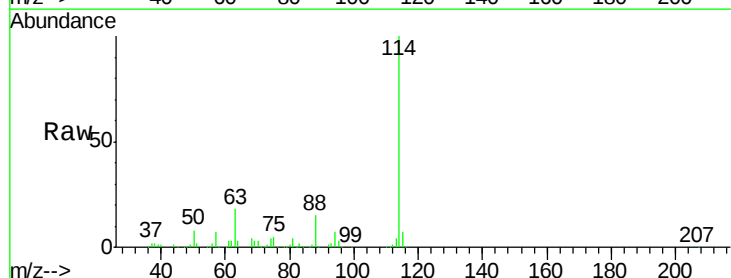
Tgt Ion: 114 Resp: 362093

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.6

88 15.0 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

250000

200000

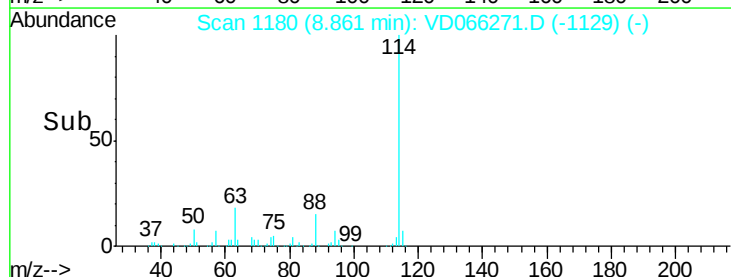
150000

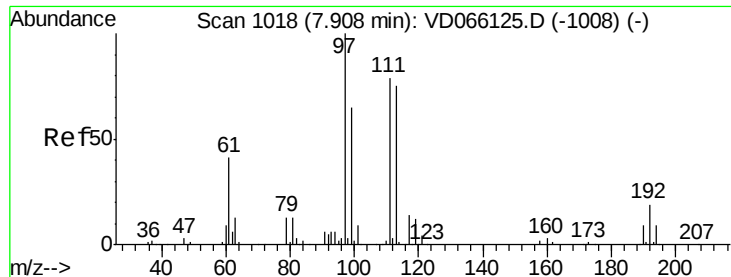
100000

50000

0

Time--> 8.80 8.90

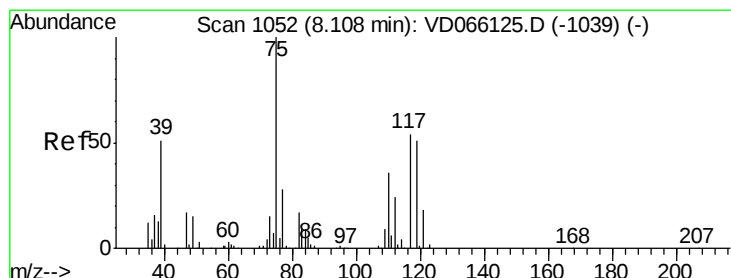
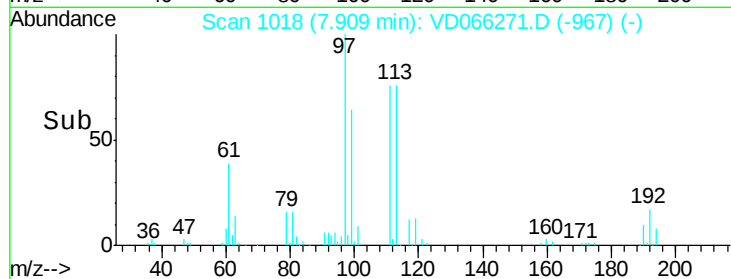
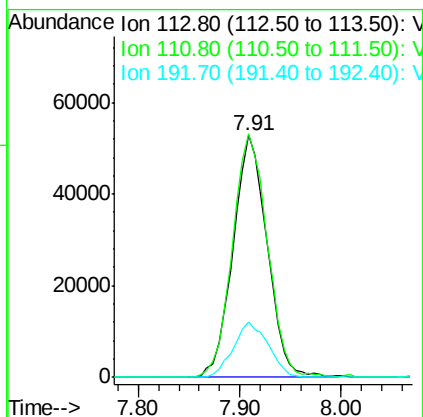
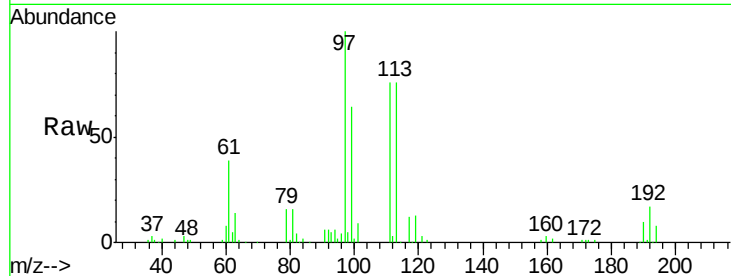




#35
Dibromofluoromethane
Concen: 53.881 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

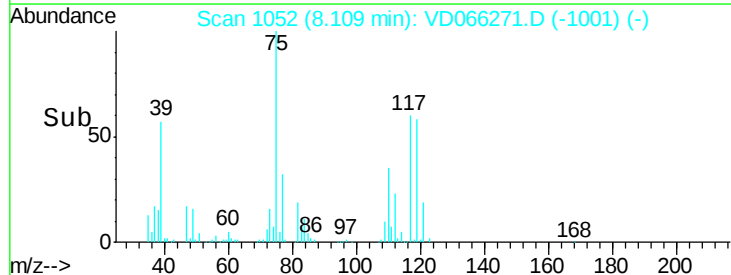
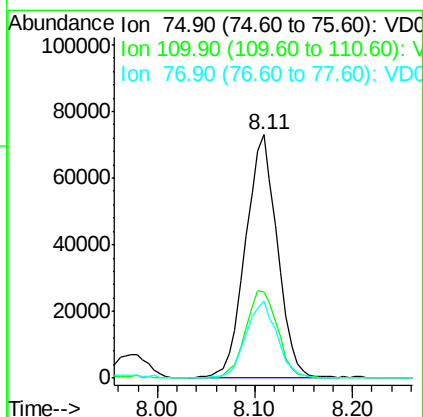
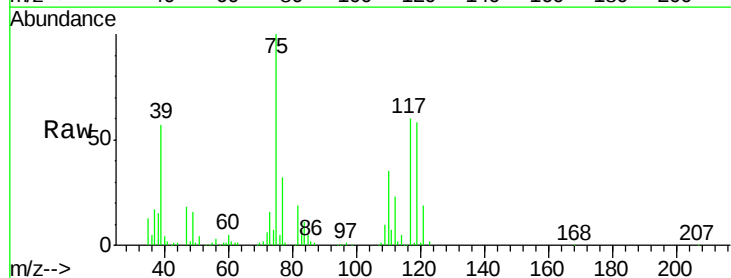
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 123594
Ion Ratio Lower Upper
113 100
111 103.2 80.7 121.1
192 23.3 18.4 27.6



#36
1,1-Dichloropropene
Concen: 48.952 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 75 Resp: 166561
Ion Ratio Lower Upper
75 100
110 36.2 18.8 56.3
77 31.1 24.2 36.2

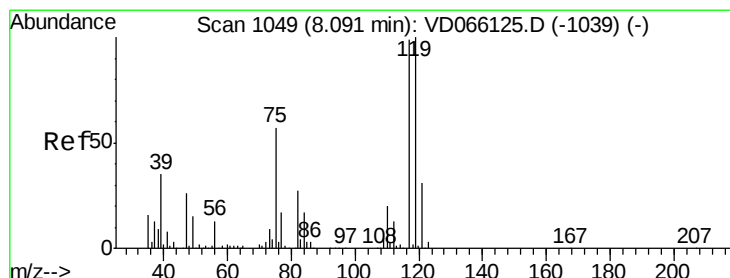
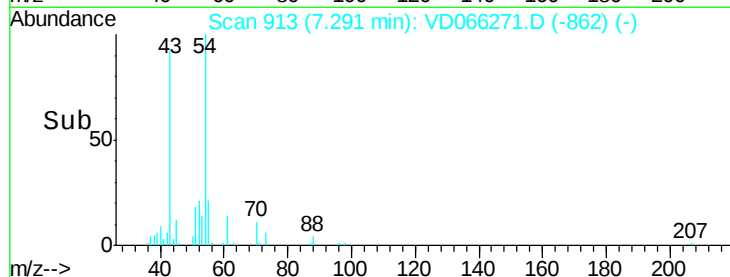
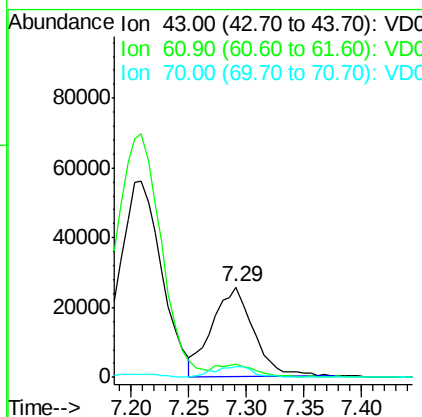
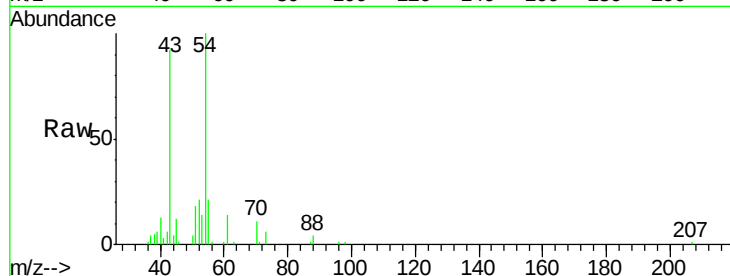




#37
Ethyl Acetate
Concen: 47.845 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

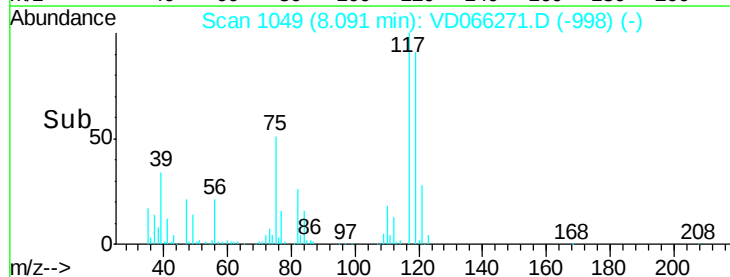
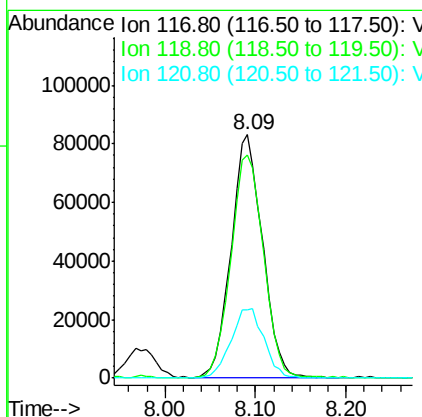
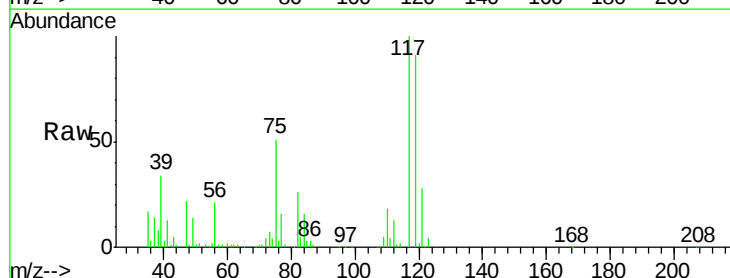
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

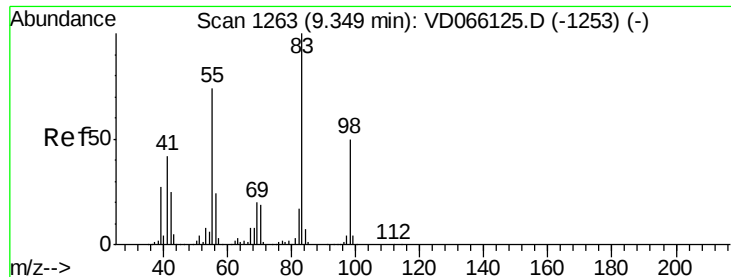
Tgt Ion: 43 Resp: 64502
Ion Ratio Lower Upper
43 100
61 14.3 12.0 18.0
70 12.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.595 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 117 Resp: 199566
Ion Ratio Lower Upper
117 100
119 91.7 81.0 121.4
121 28.0 24.8 37.2

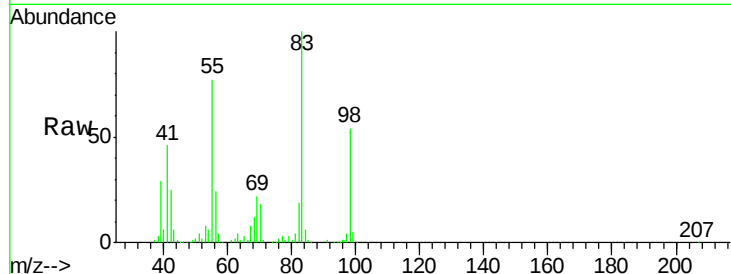




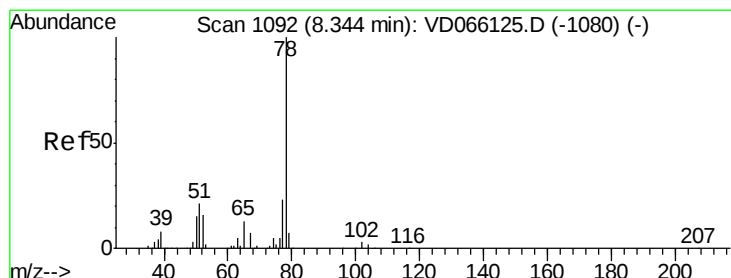
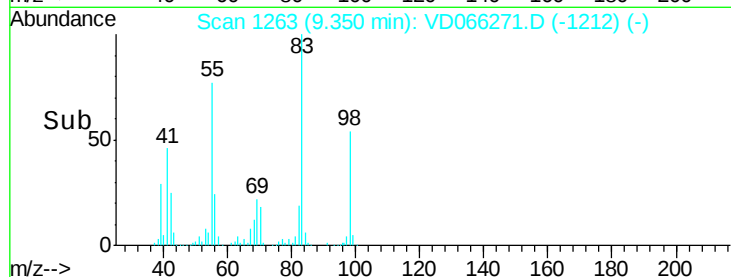
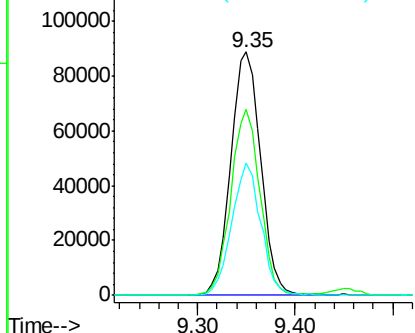
#39
Methylcyclohexane
Concen: 46.336 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 190588
Ion Ratio Lower Upper
83 100
55 76.6 59.2 88.8
98 54.1 39.8 59.6

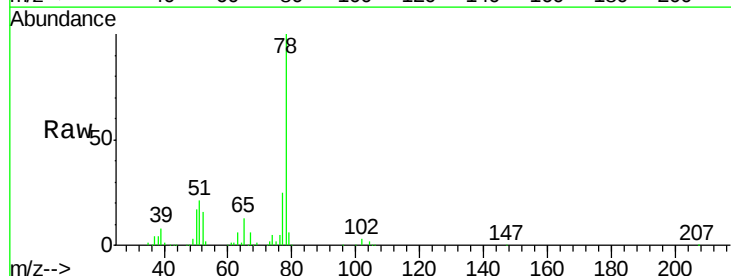


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

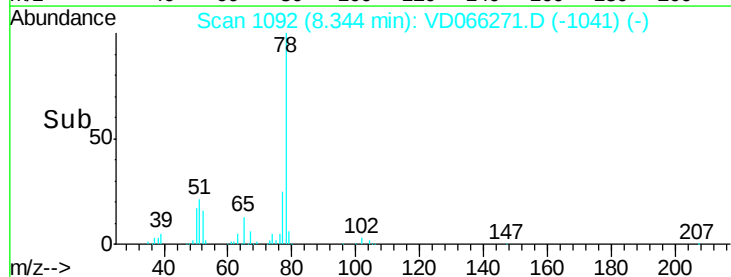
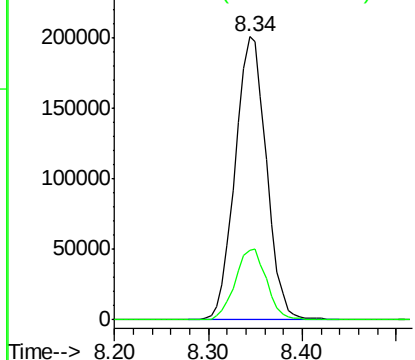


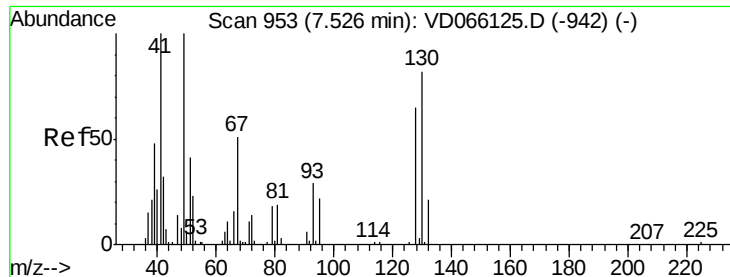
#40
Benzene
Concen: 49.015 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 78 Resp: 462657
Ion Ratio Lower Upper
78 100
77 24.8 18.6 27.8



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





#41

Methacrylonitrile

Concen: 114.204 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 90526

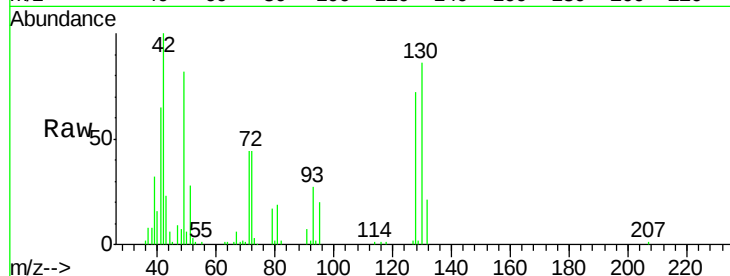
Ion Ratio Lower Upper

41 100

39 52.9 47.5 71.3

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

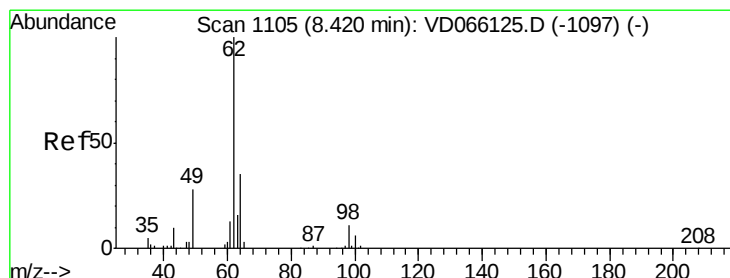
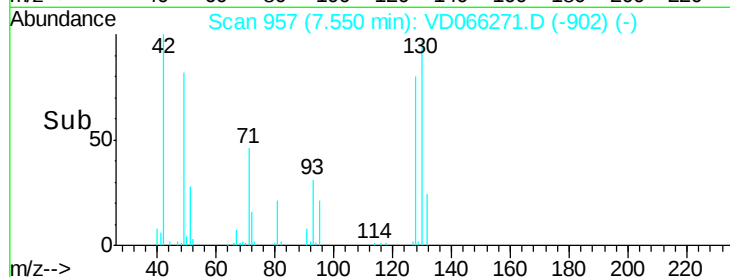
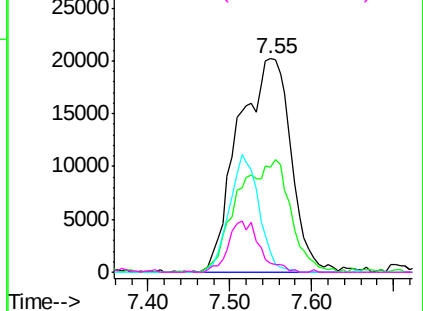


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.257 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066271.D

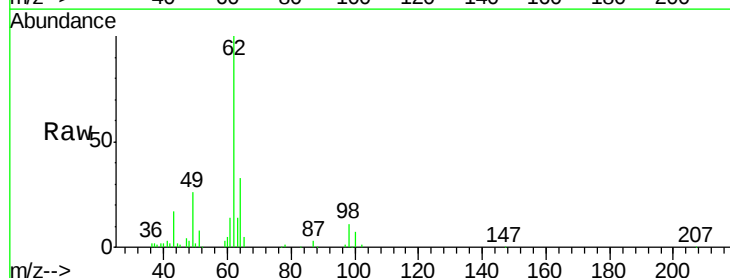
Acq: 18 Aug 2020 12:06

Tgt Ion: 62 Resp: 144904

Ion Ratio Lower Upper

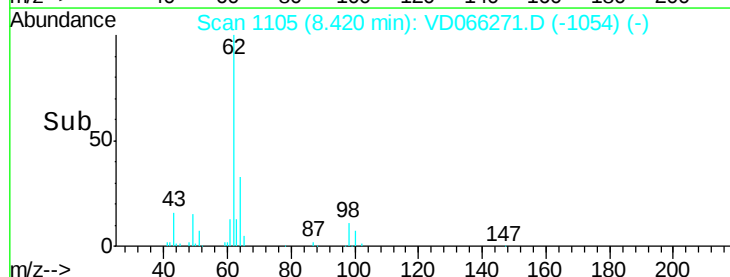
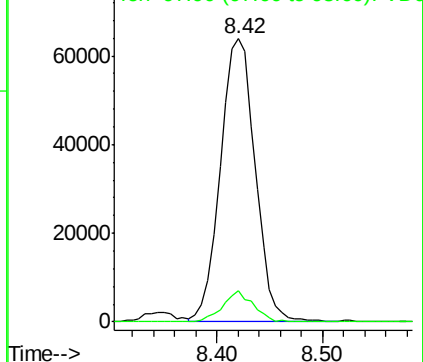
62 100

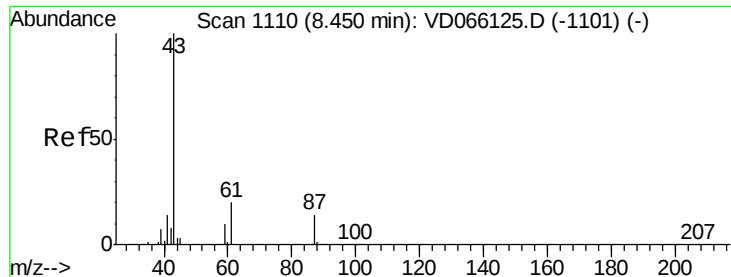
98 9.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.906 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

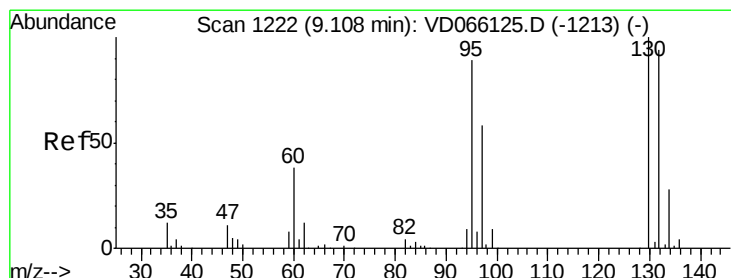
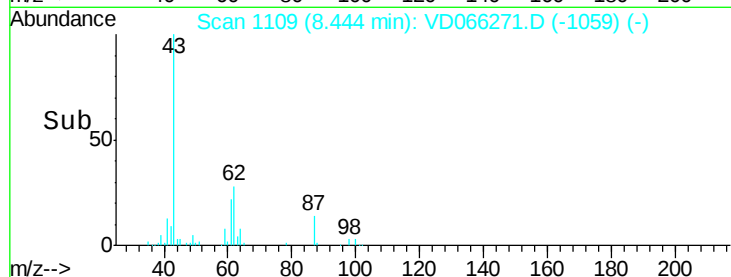
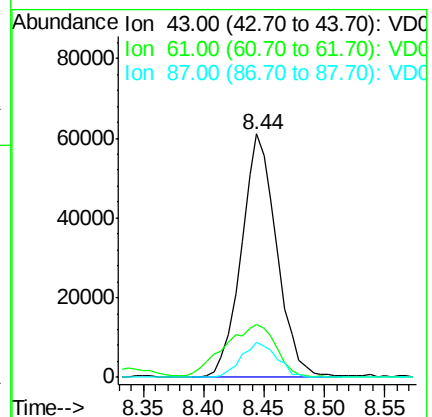
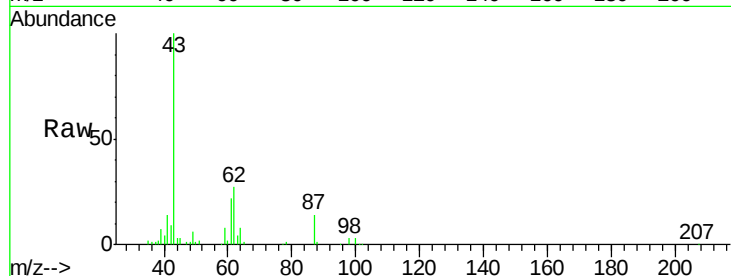
Tgt Ion: 43 Resp: 124594

Ion Ratio Lower Upper

43 100

61 32.1 25.5 38.3

87 14.4 11.2 16.8



#44

Trichloroethene

Concen: 49.889 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066271.D

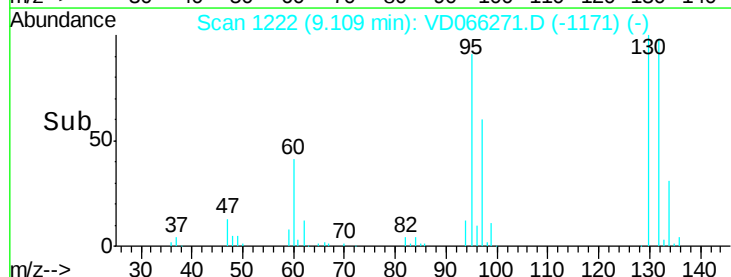
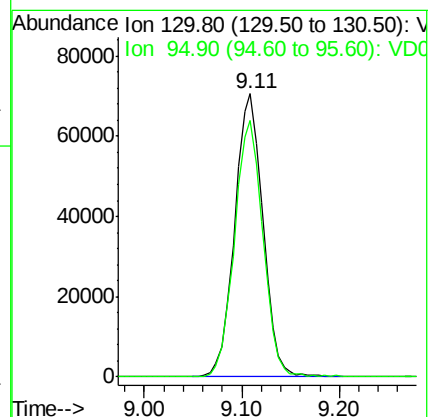
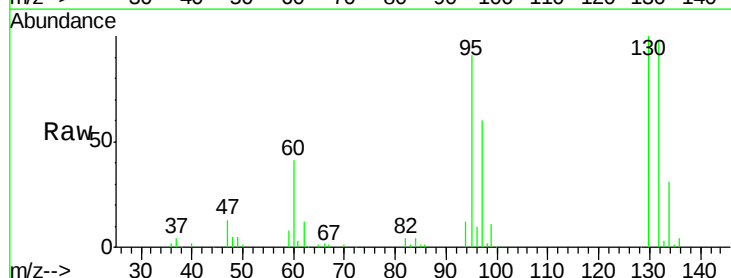
Acq: 18 Aug 2020 12:06

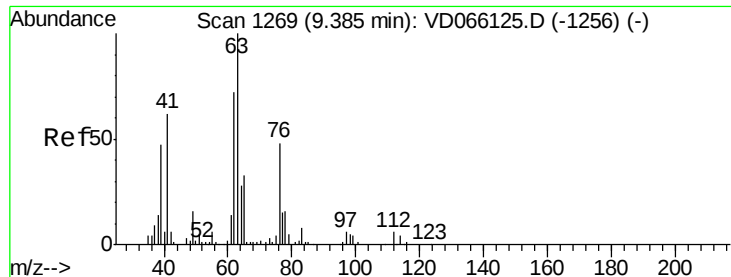
Tgt Ion: 130 Resp: 141900

Ion Ratio Lower Upper

130 100

95 90.6 0.0 178.4

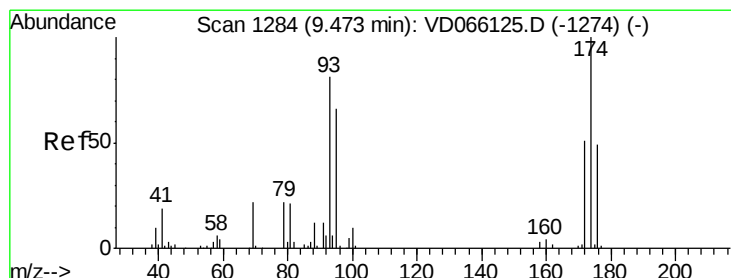
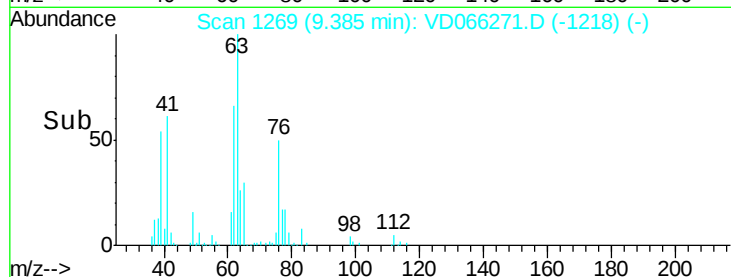
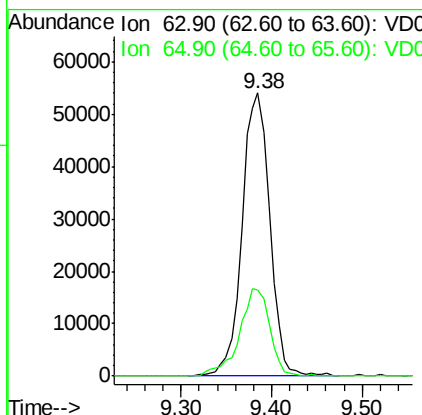
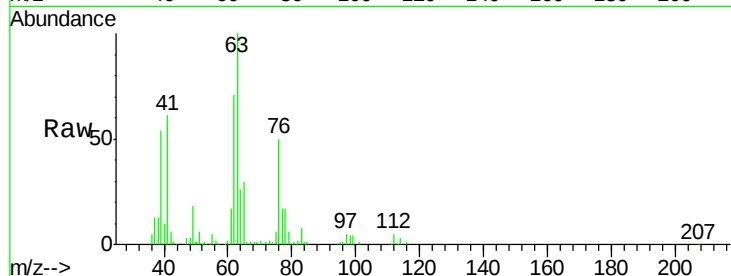




#45
 1,2-Dichloropropane
 Concen: 49.626 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

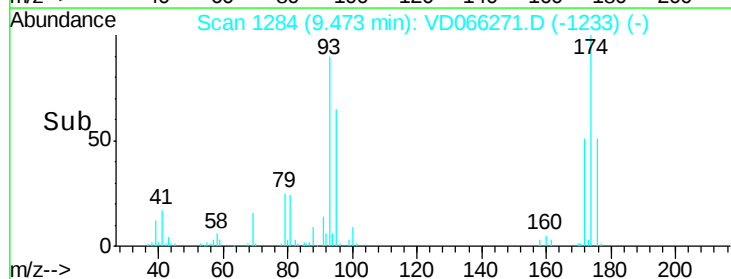
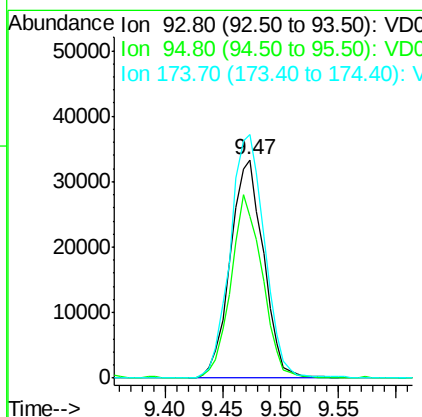
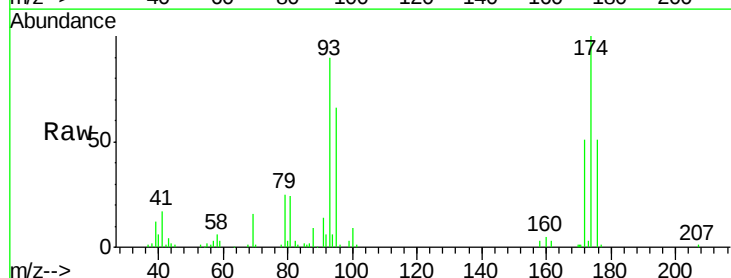
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

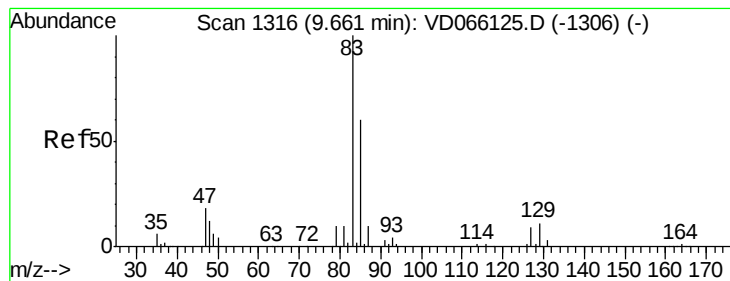
Tgt Ion: 63 Resp: 114563
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.5 39.7



#46
 Dibromomethane
 Concen: 52.417 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 93 Resp: 66653
 Ion Ratio Lower Upper
 93 100
 95 79.4 65.8 98.6
 174 115.0 92.8 139.2





#47

Bromodichloromethane

Concen: 52.332 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

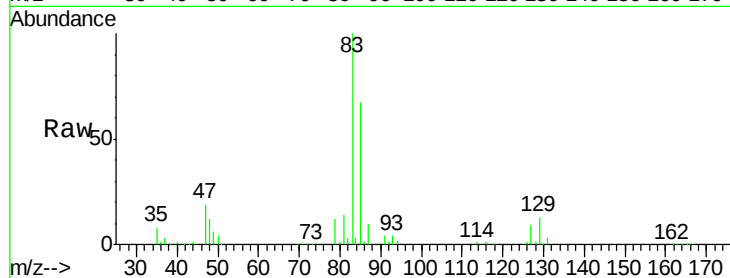
Tgt Ion: 83 Resp: 175879

Ion Ratio Lower Upper

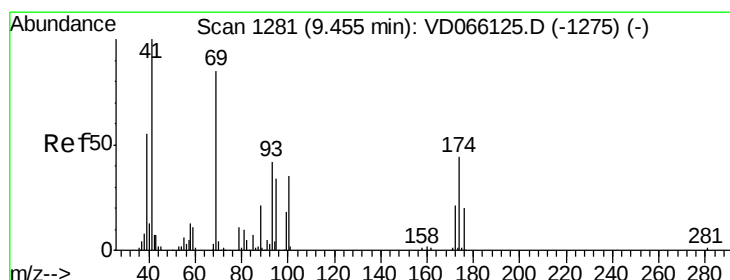
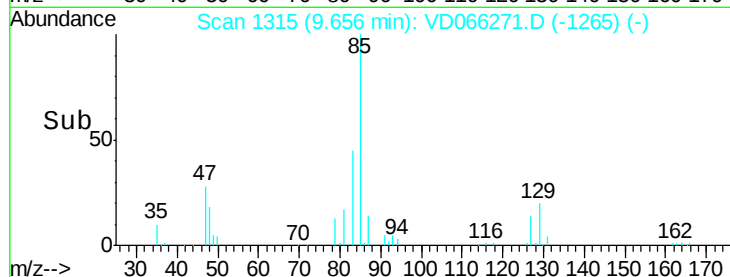
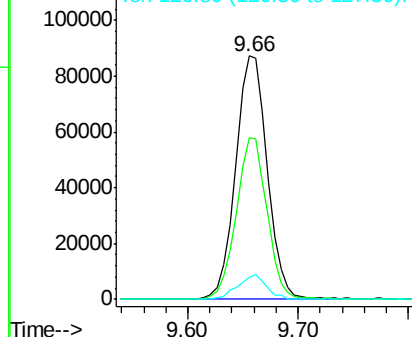
83 100

85 66.6 48.2 72.4

127 9.3 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: 47.584 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

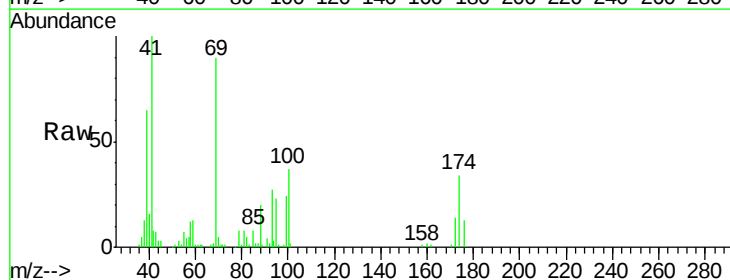
Tgt Ion: 41 Resp: 64540

Ion Ratio Lower Upper

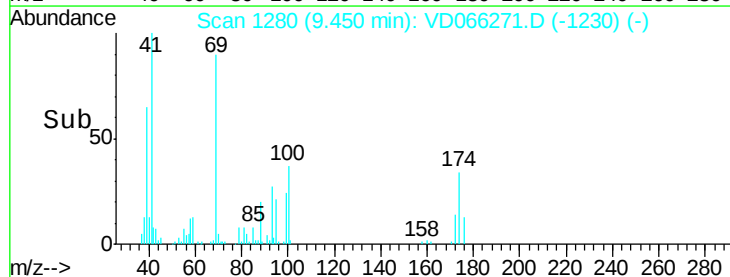
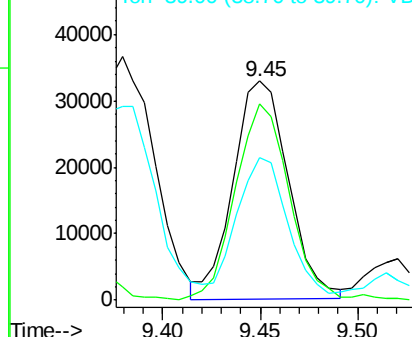
41 100

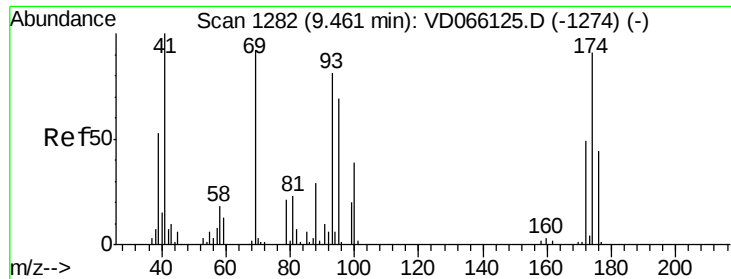
69 86.1 63.9 95.9

39 55.0 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

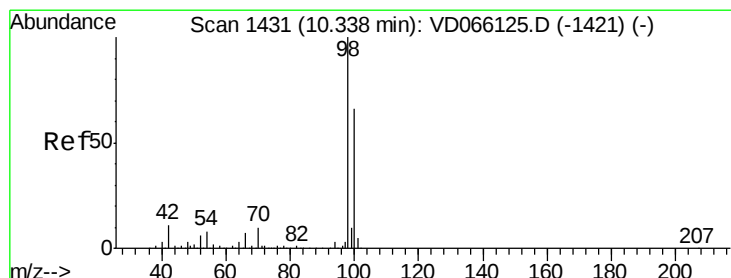
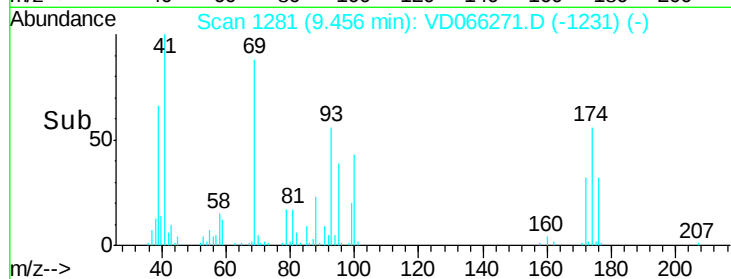
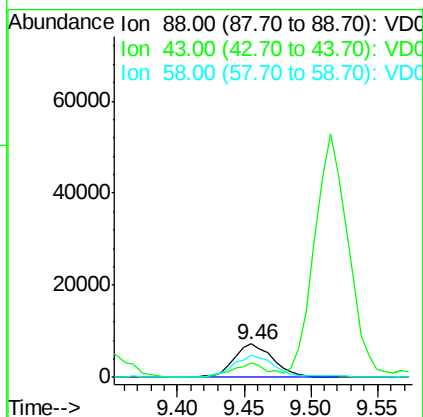
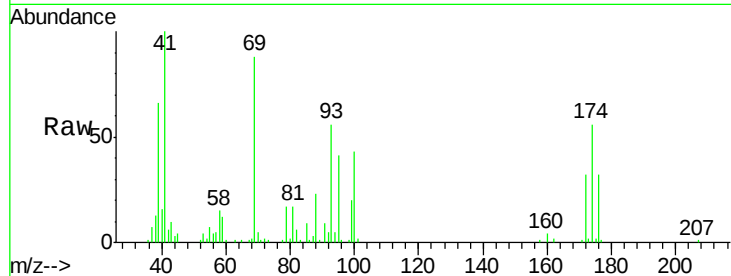




#49
1,4-Dioxane
Concen: 908.131 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

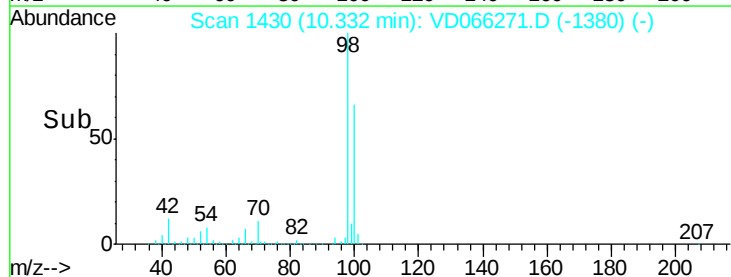
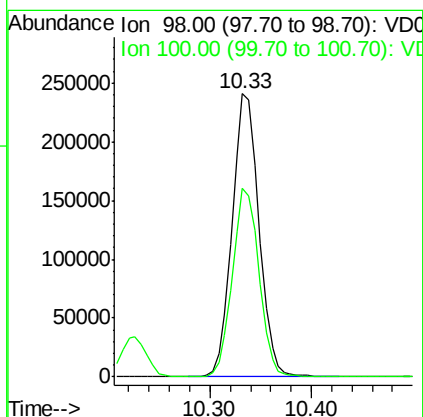
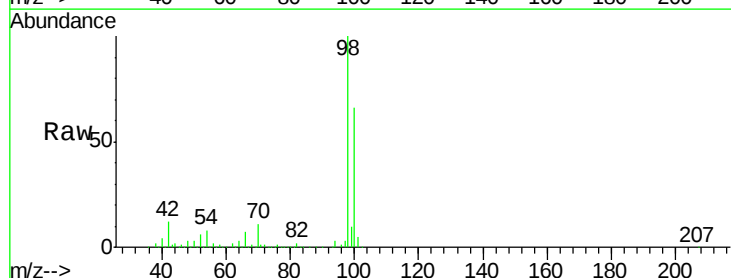
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

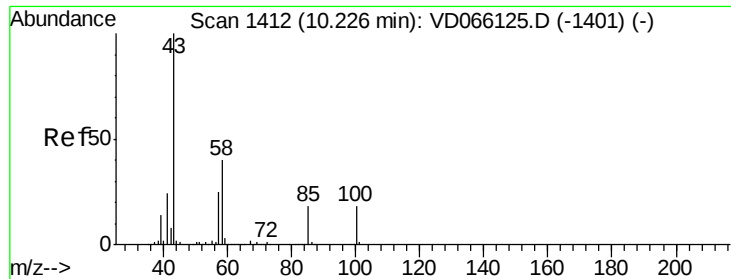
Tgt Ion: 88 Resp: 14836
Ion Ratio Lower Upper
88 100
43 38.9 27.5 41.3
58 71.5 50.2 75.4



#50
Toluene-d8
Concen: 52.413 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 98 Resp: 443660
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

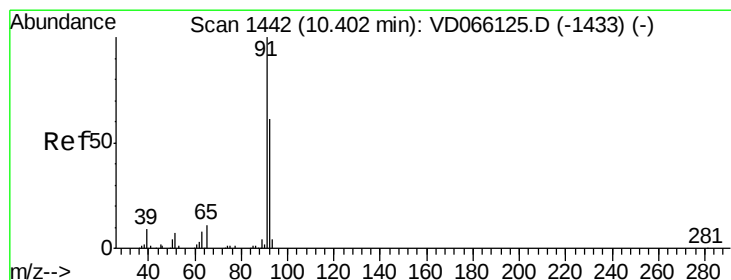
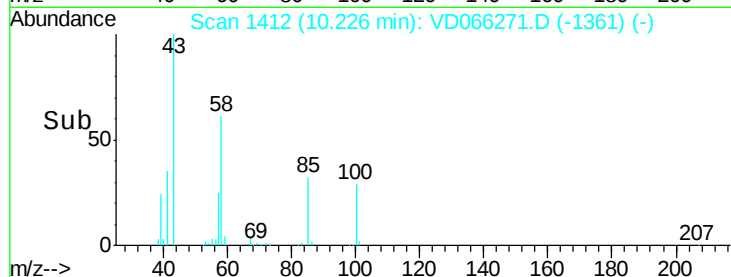
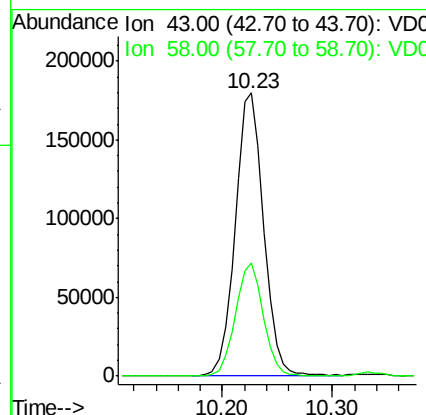
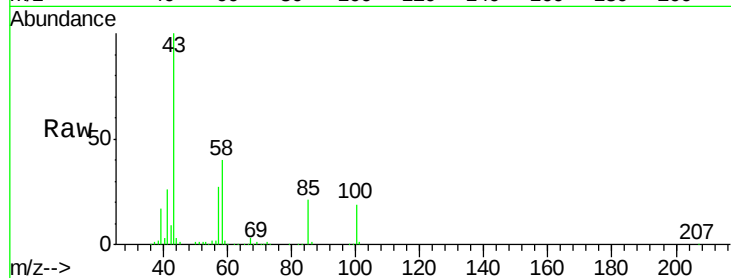




#51
 4-Methyl-2-Pentanone
 Concen: 237.805 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

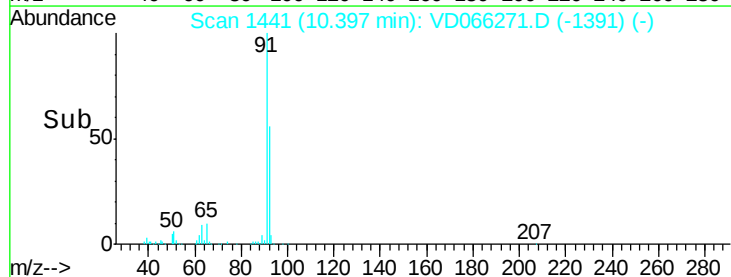
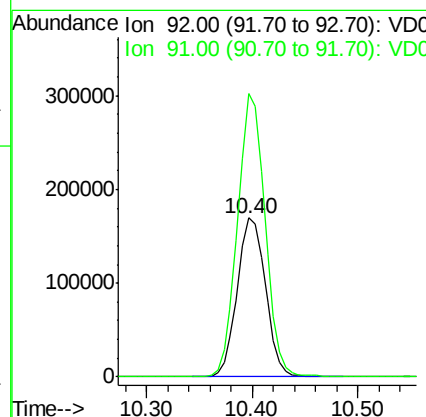
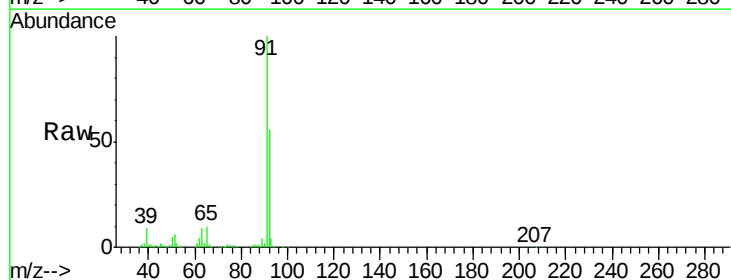
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

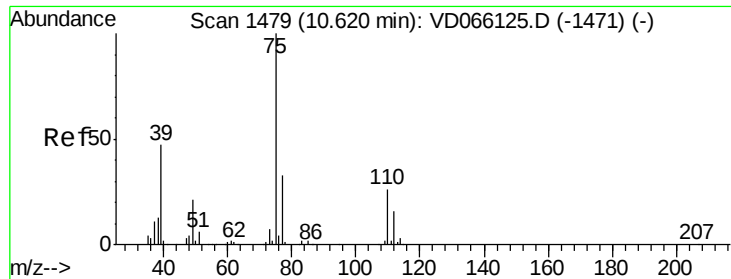
Tgt Ion: 43 Resp: 324462
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.1 46.7



#52
 Toluene
 Concen: 50.681 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 92 Resp: 314784
 Ion Ratio Lower Upper
 92 100
 91 173.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 52.133 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

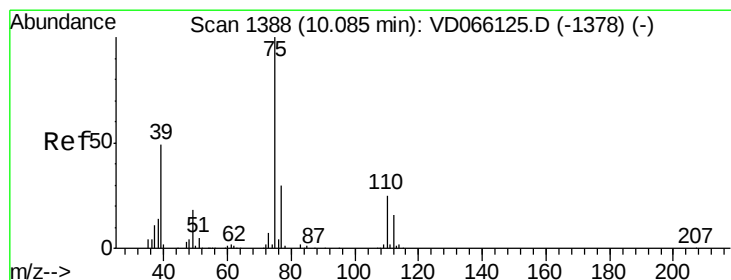
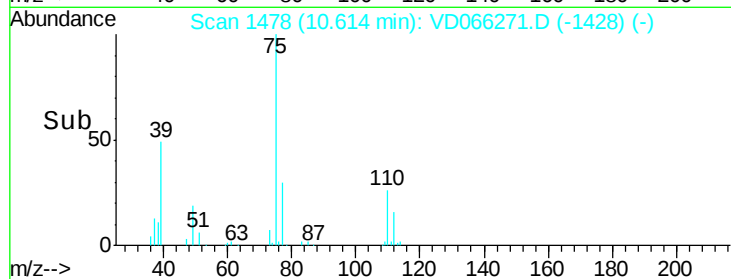
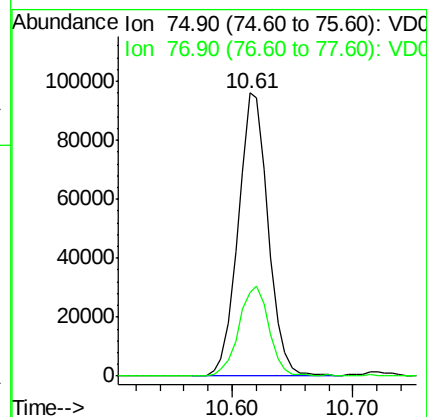
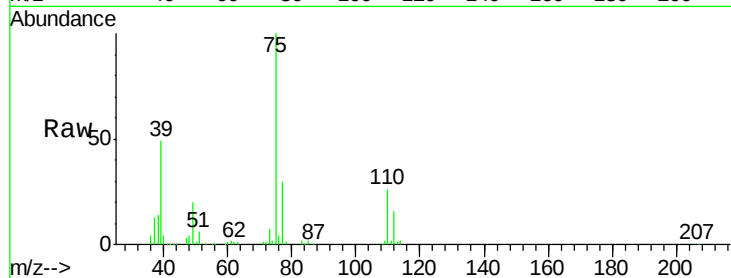
VSTDCCC050

Tgt Ion: 75 Resp: 166277

Ion Ratio Lower Upper

75 100

77 29.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 51.681 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

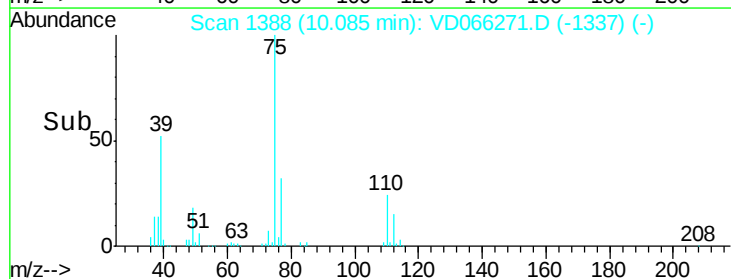
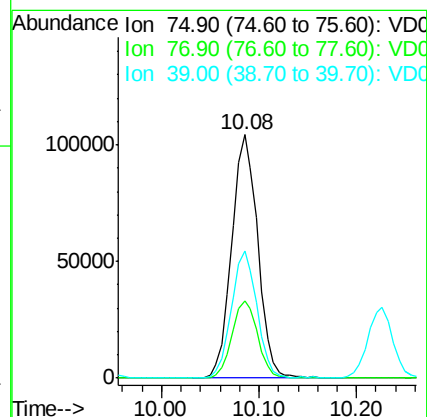
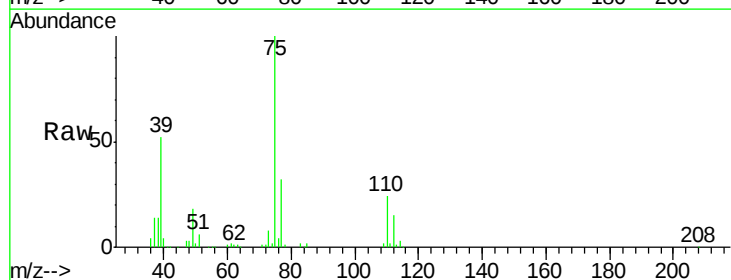
Tgt Ion: 75 Resp: 193124

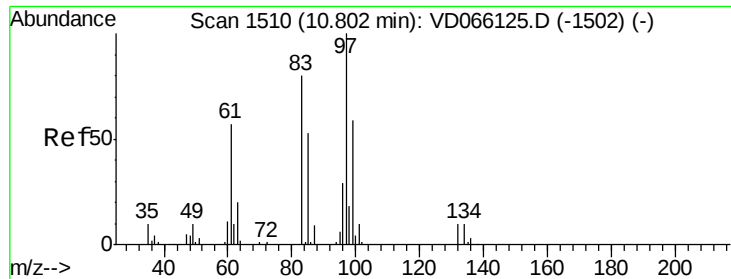
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 52.0 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 50.911 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 93221

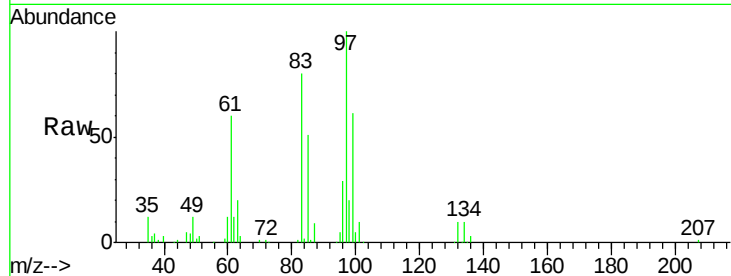
Ion Ratio Lower Upper

97 100

83 79.7 63.9 95.9

85 50.9 42.5 63.7

99 61.2 47.4 71.0

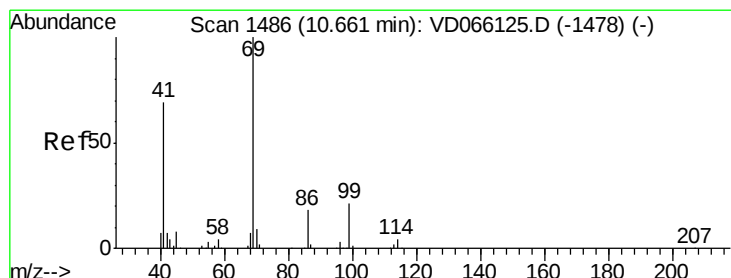
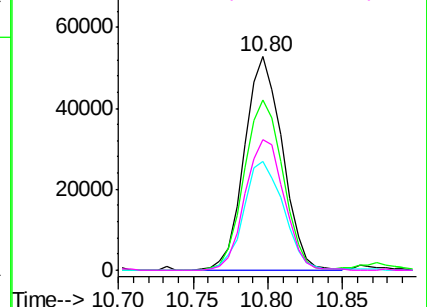
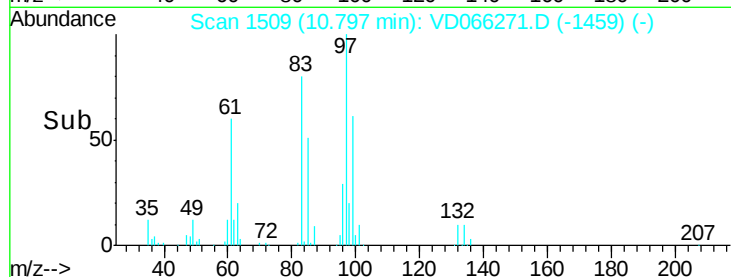


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 50.408 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

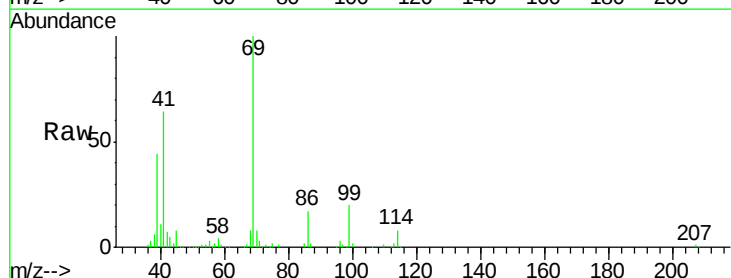
Tgt Ion: 69 Resp: 110879

Ion Ratio Lower Upper

69 100

41 64.6 54.1 81.1

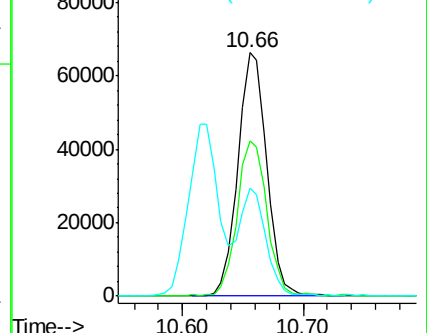
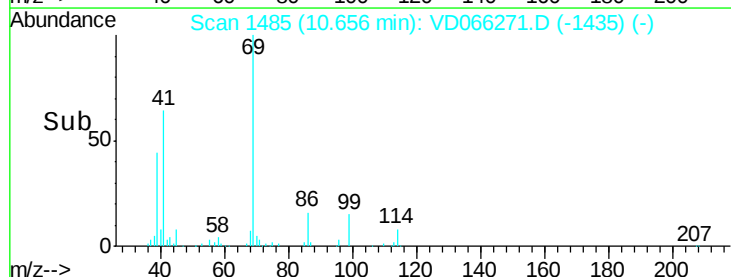
39 41.2 28.6 43.0

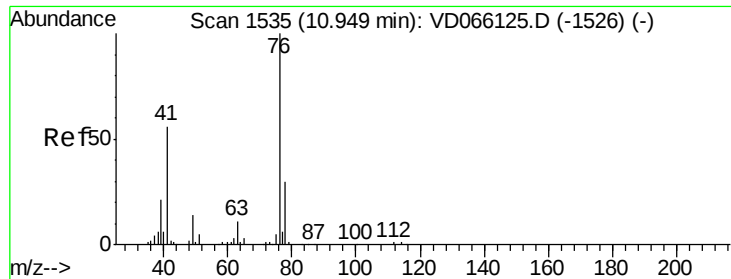


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

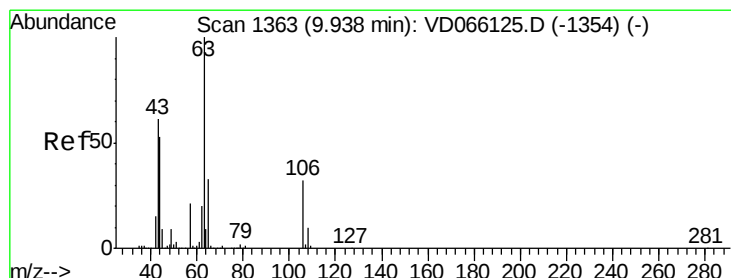
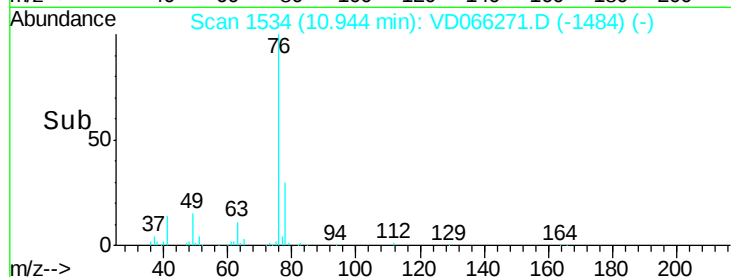
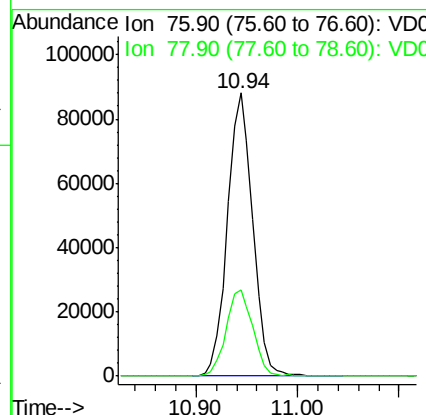
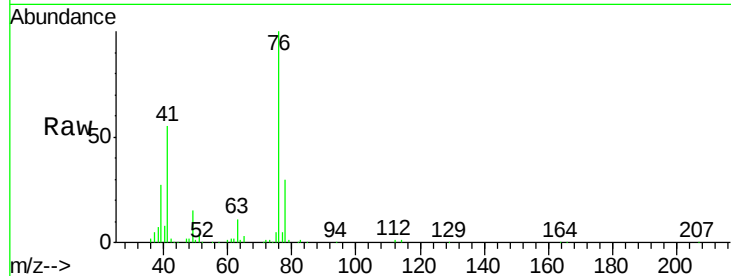




#57
 1,3-Dichloropropane
 Concen: 50.114 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

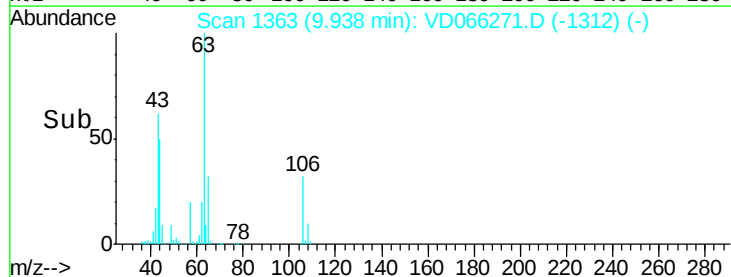
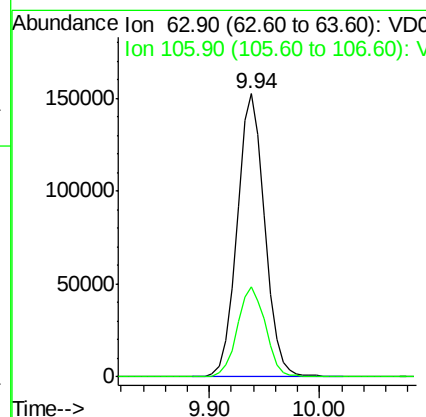
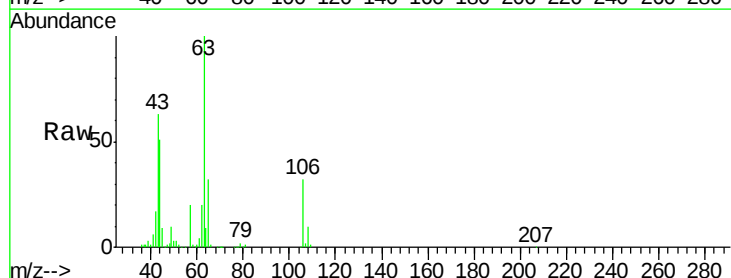
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

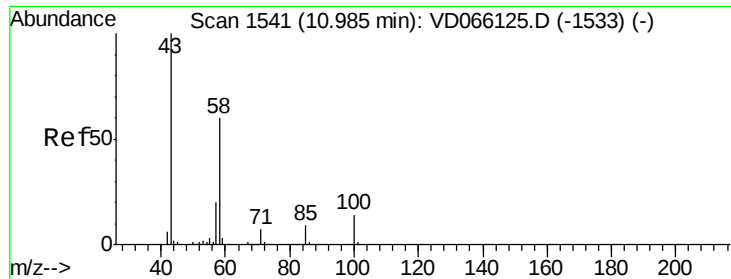
Tgt Ion: 76 Resp: 152338
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.107 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 63 Resp: 267248
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.3 37.9

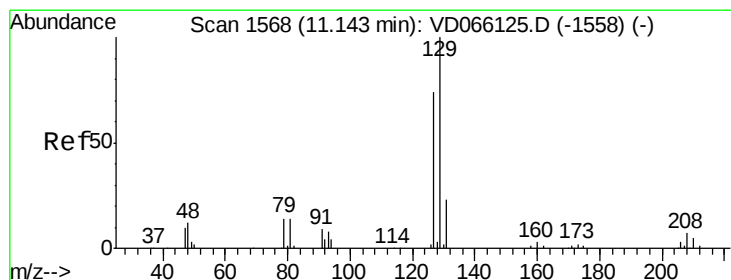
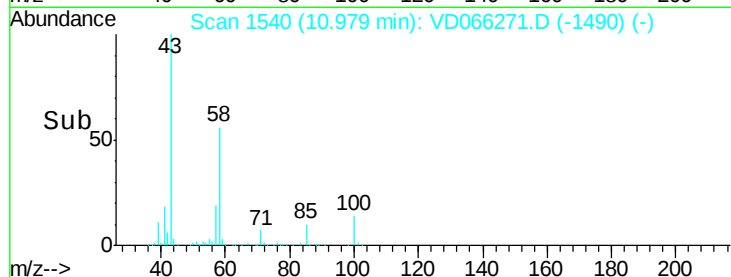
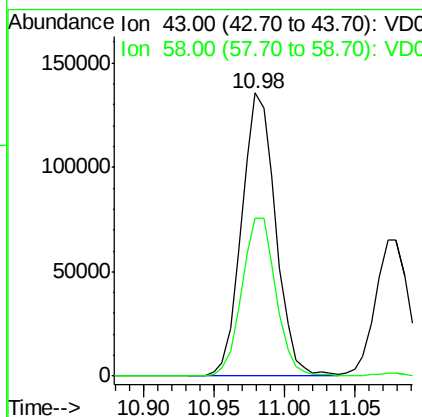
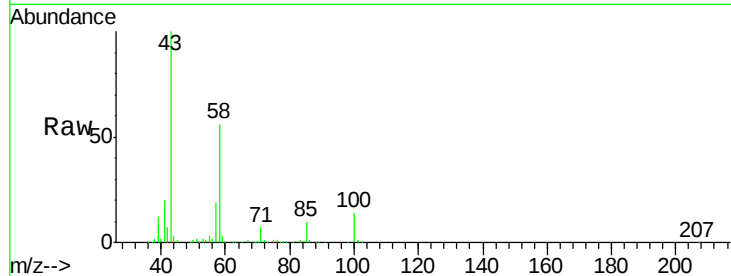




#59
2-Hexanone
Concen: 239.153 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

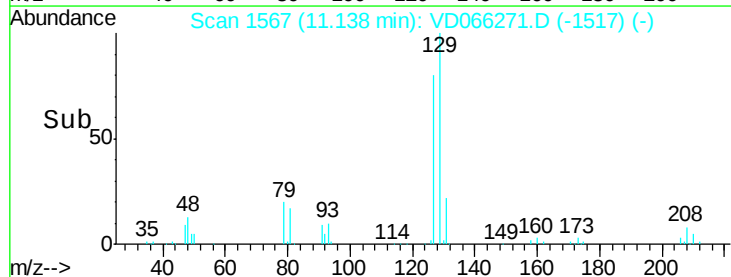
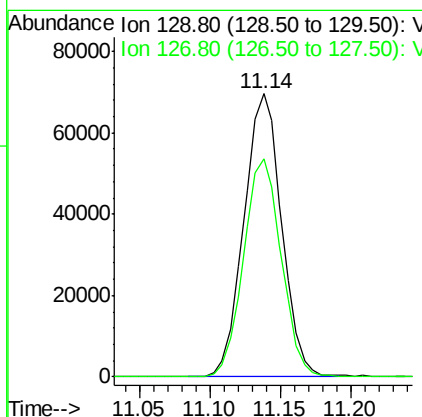
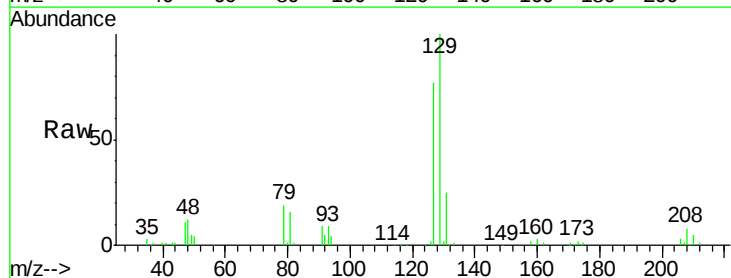
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

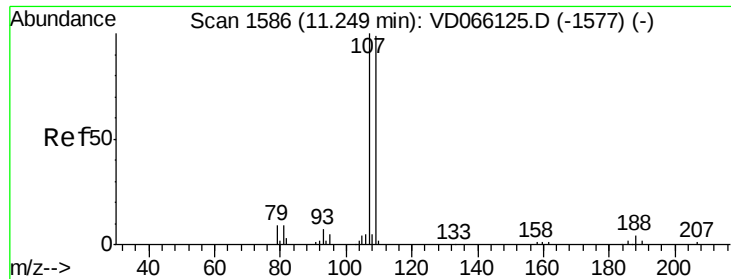
Tgt Ion: 43 Resp: 229004
Ion Ratio Lower Upper
43 100
58 56.0 27.8 83.4



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 129 Resp: 130531
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

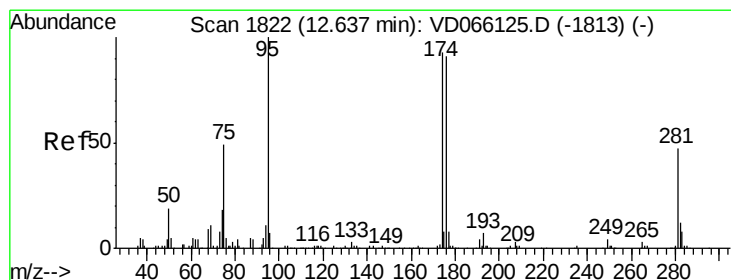
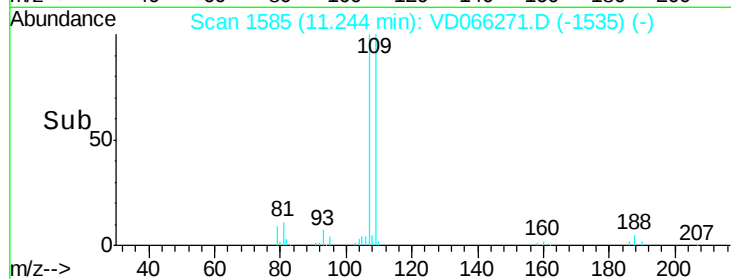
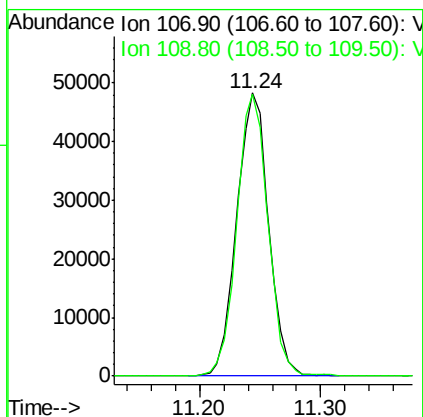
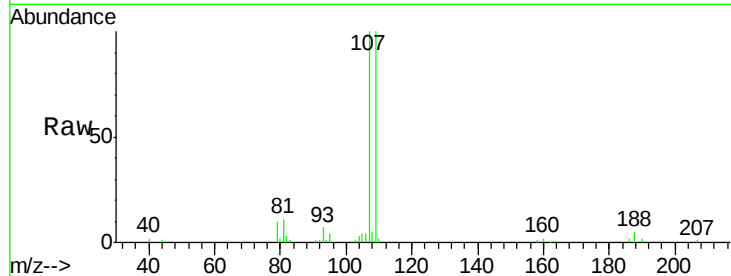




#61
 1,2-Dibromoethane
 Concen: 50.486 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

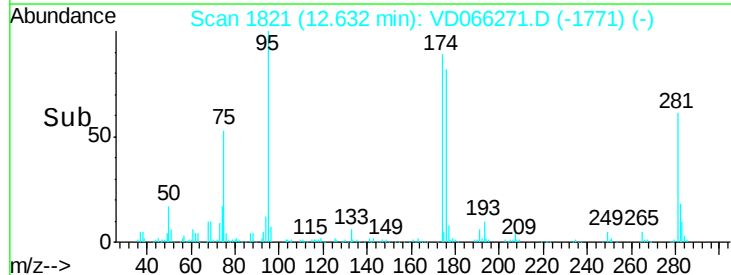
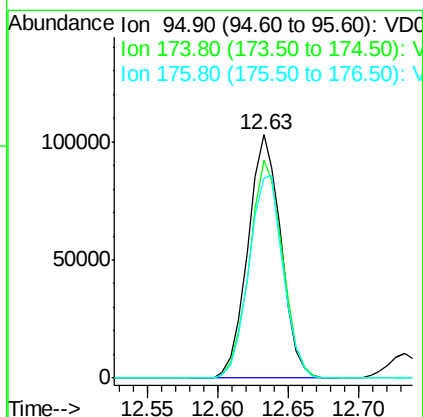
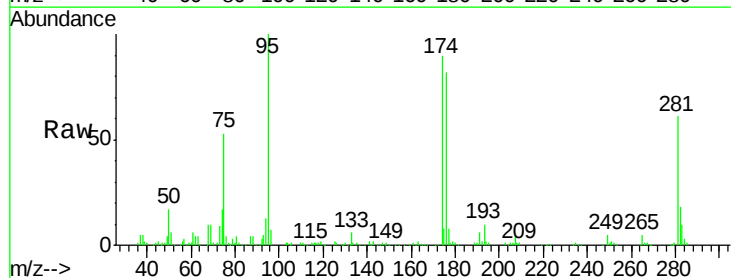
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 88903
 Ion Ratio Lower Upper
 107 100
 109 97.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 55.447 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 95 Resp: 169182
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 180.8
 176 86.3 0.0 181.2

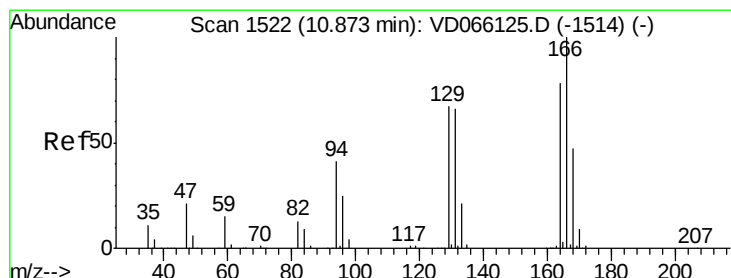
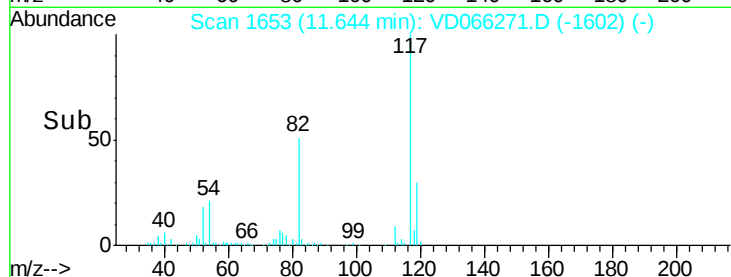
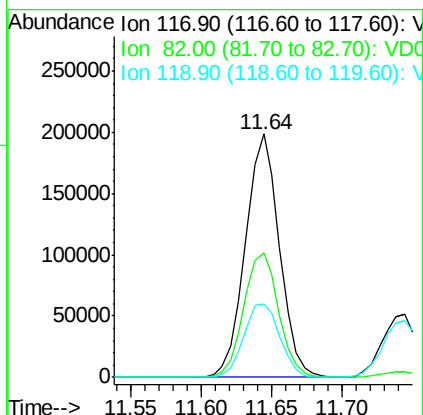
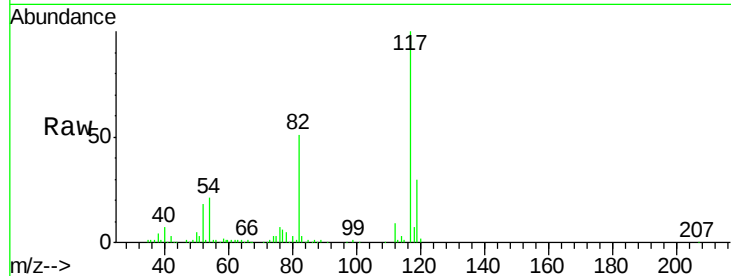




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

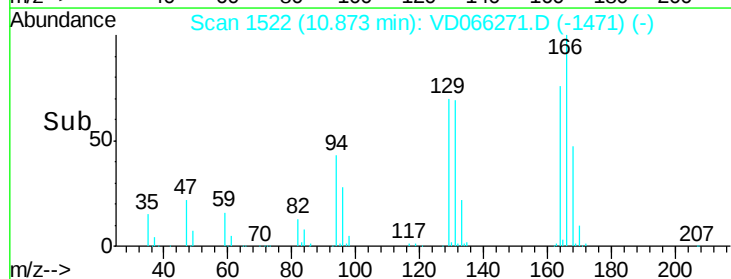
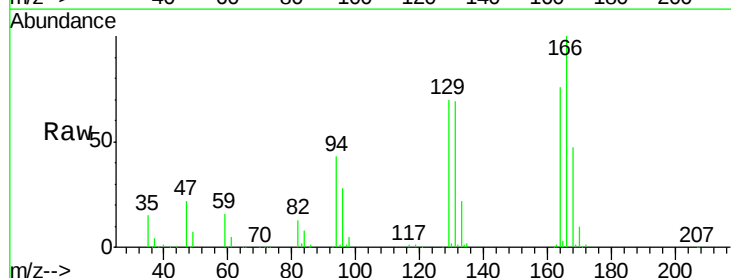
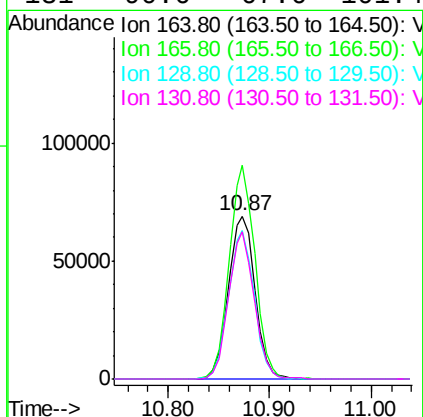
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

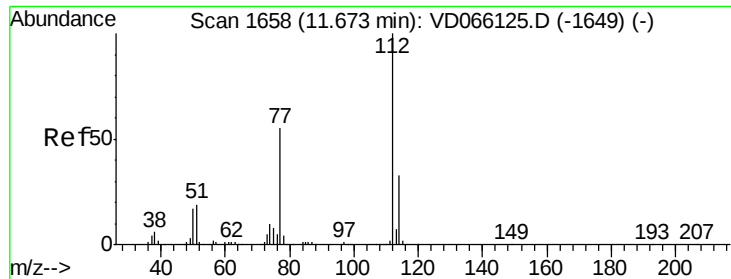
Tgt Ion:117 Resp: 336801
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 30.0 26.1 39.1



#64
Tetrachloroethene
Concen: 48.678 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion:164 Resp: 125893
Ion Ratio Lower Upper
164 100
166 130.9 101.9 152.9
129 91.3 68.1 102.1
131 90.6 67.6 101.4





#65

Chlorobenzene

Concen: 50.819 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

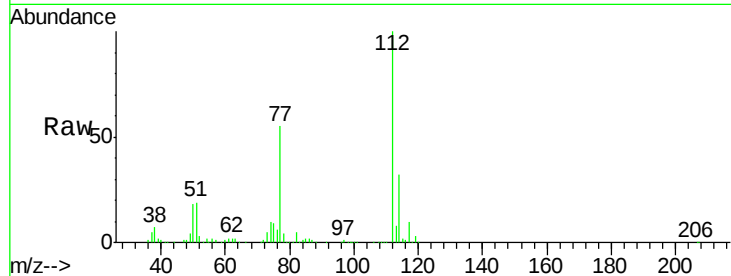
VSTDCCC050

Tgt Ion:112 Resp: 347457

Ion Ratio Lower Upper

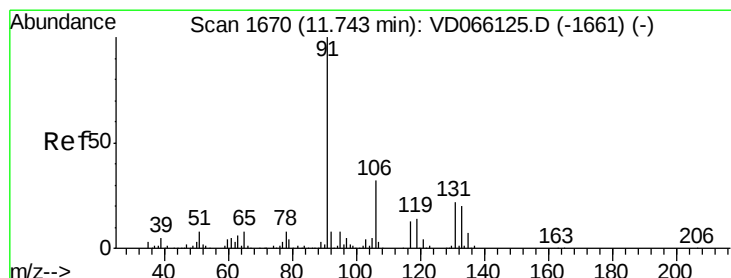
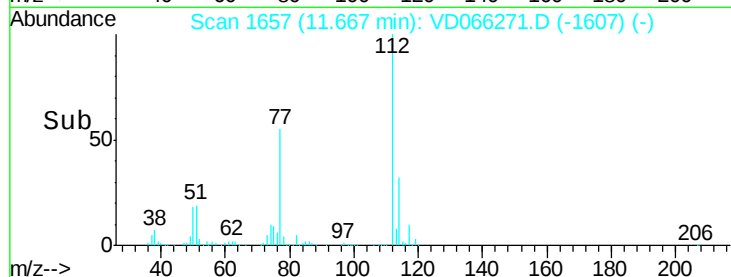
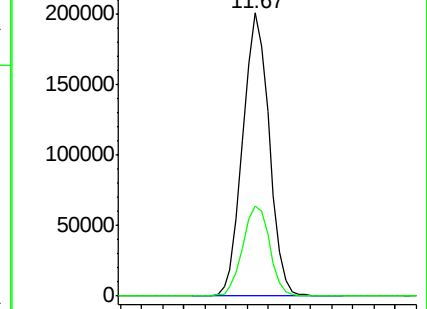
112 100

114 31.9 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.289 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

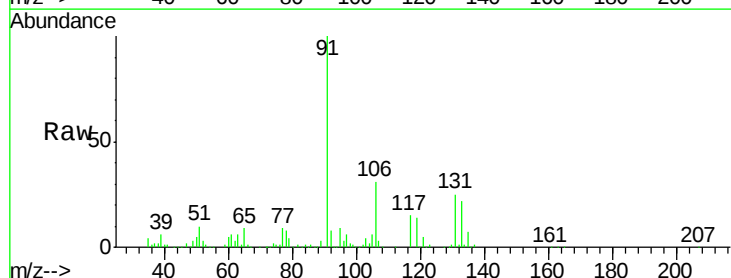
Tgt Ion:131 Resp: 139883

Ion Ratio Lower Upper

131 100

133 94.3 47.1 141.4

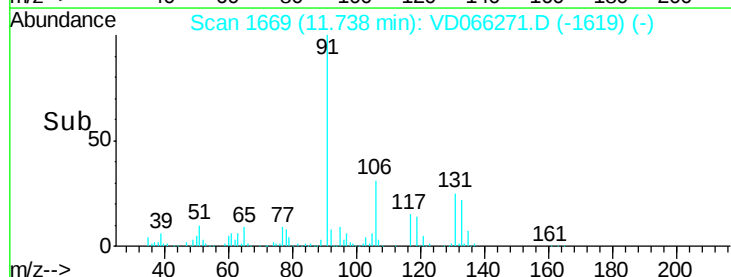
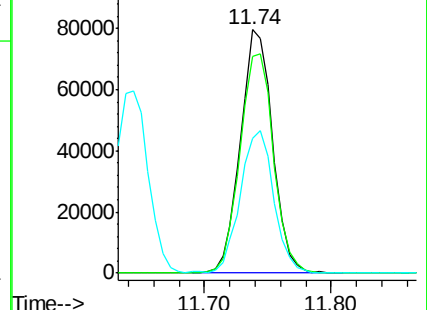
119 61.0 31.6 94.7

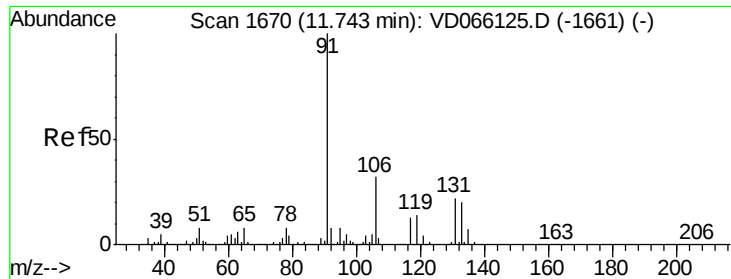


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

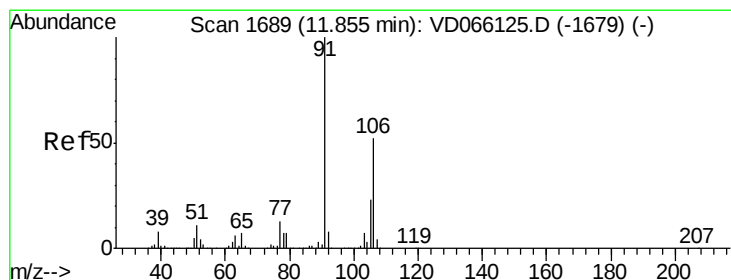
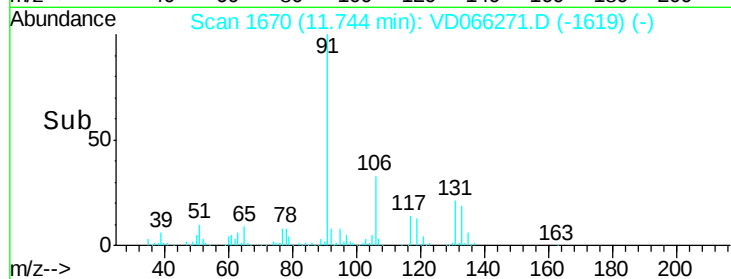
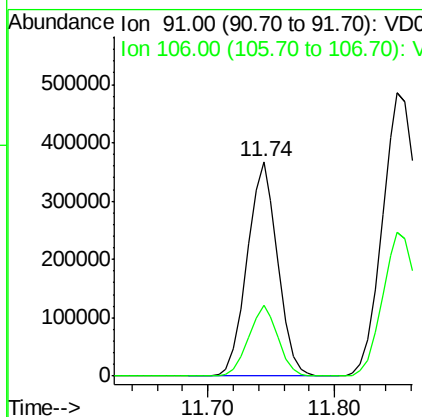
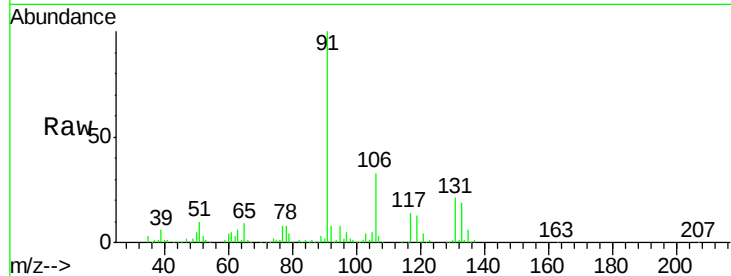




#67
Ethyl Benzene
Concen: 51.660 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

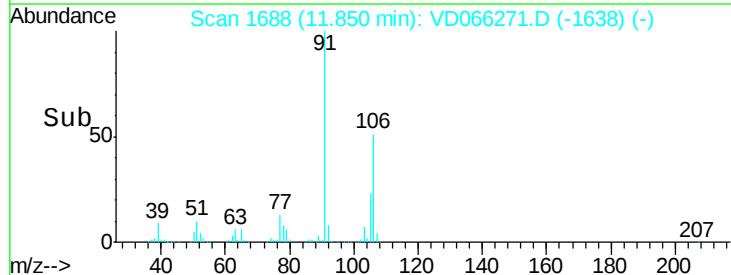
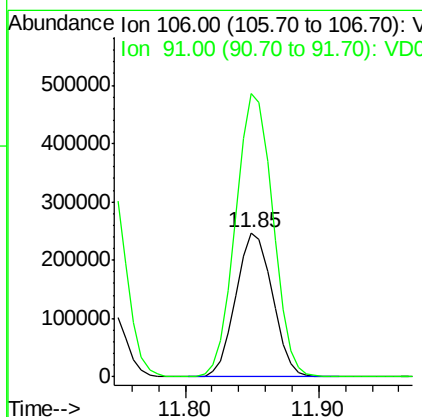
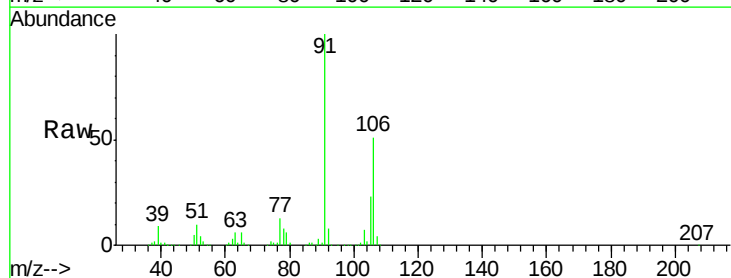
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

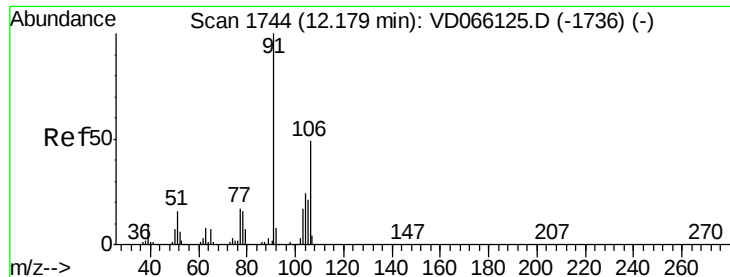
Tgt Ion: 91 Resp: 612081
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5



#68
m/p-Xylenes
Concen: 102.139 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 106 Resp: 468867
Ion Ratio Lower Upper
106 100
91 200.7 156.6 235.0

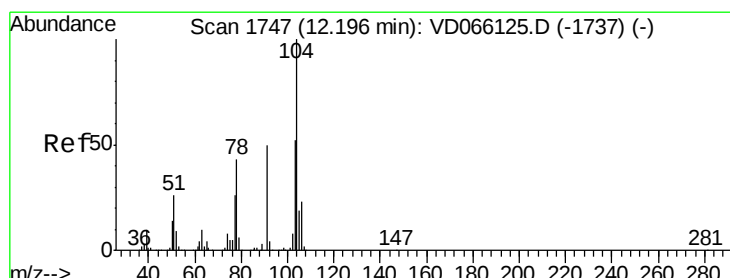
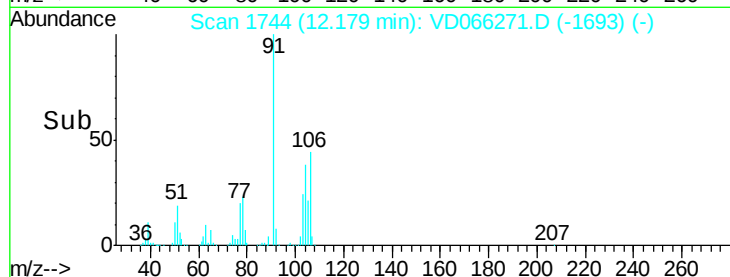
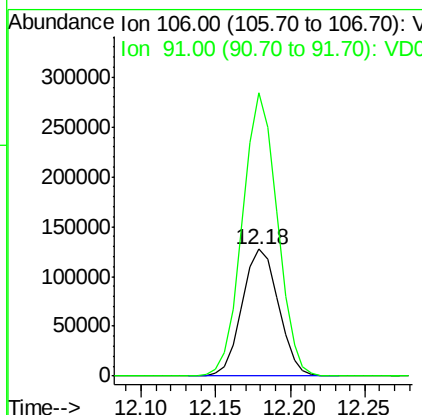
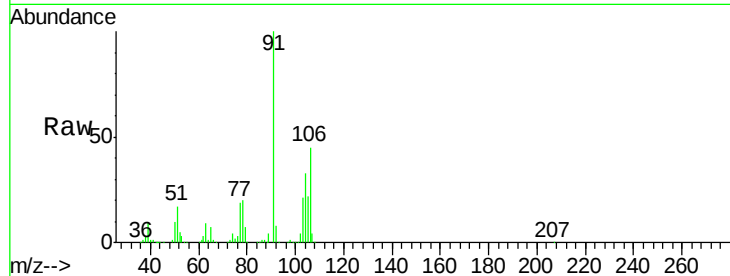




#69
o-Xylene
Concen: 51.548 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

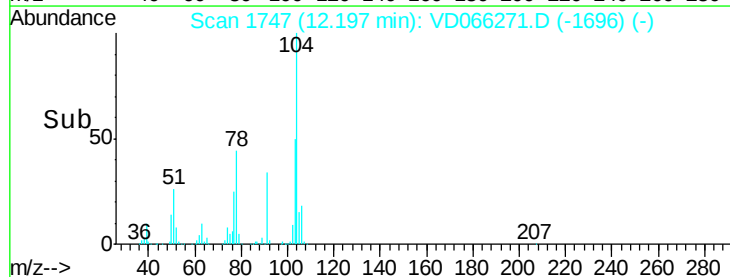
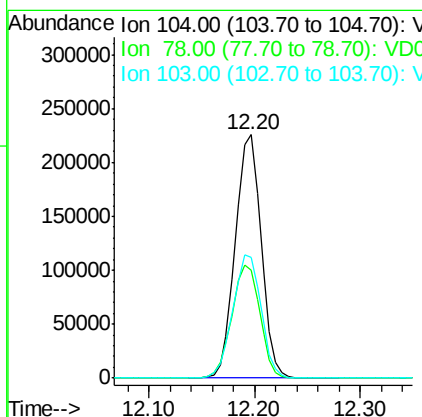
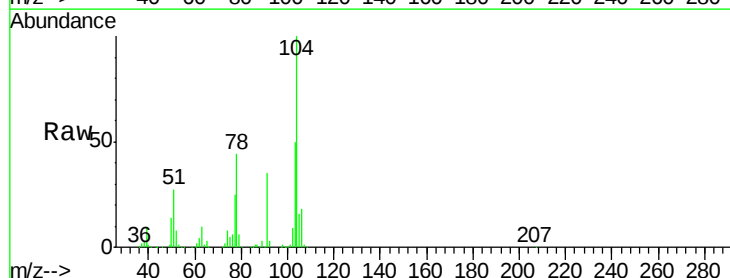
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

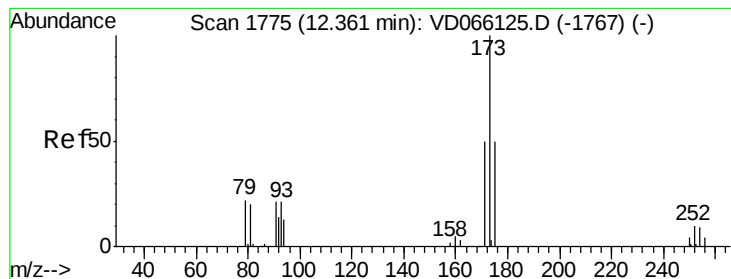
Tgt Ion:106 Resp: 215256
Ion Ratio Lower Upper
106 100
91 213.4 105.7 317.1



#70
Styrene
Concen: 52.349 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion:104 Resp: 383106
Ion Ratio Lower Upper
104 100
78 50.3 38.6 58.0
103 55.1 44.1 66.1





#71

Bromoform

Concen: 49.844 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

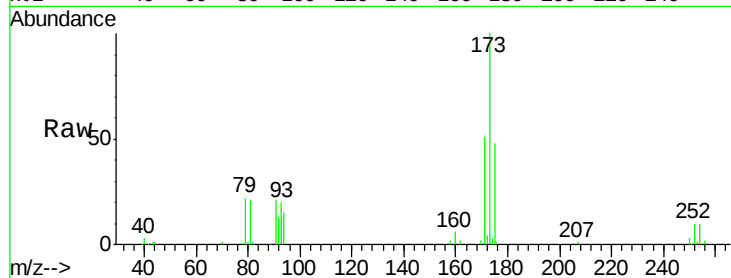
Tgt Ion:173 Resp: 79002

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

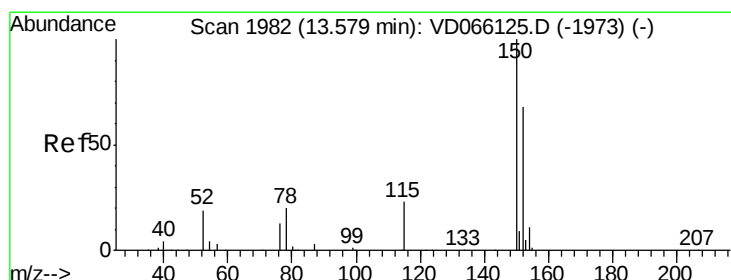
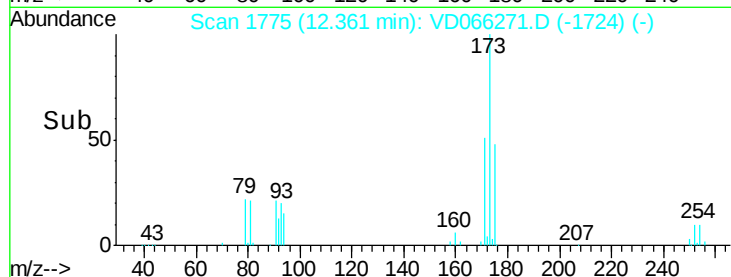
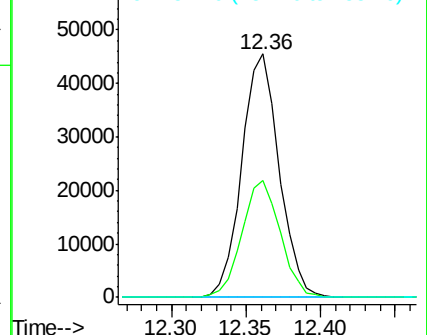
254 0.0 0.2 0.2#



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: VD066271.D

Acq: 18 Aug 2020 12:06

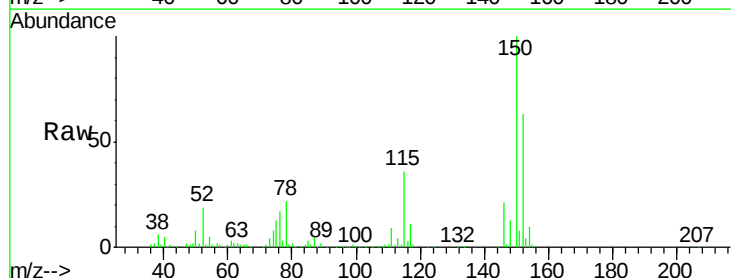
Tgt Ion:152 Resp: 176265

Ion Ratio Lower Upper

152 100

115 57.1 28.0 83.9

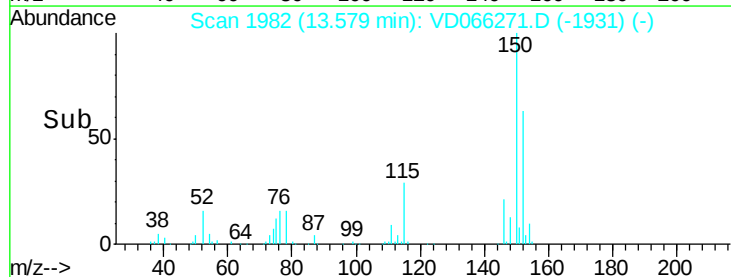
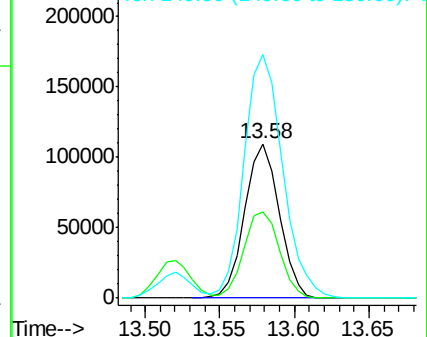
150 176.0 0.0 346.4

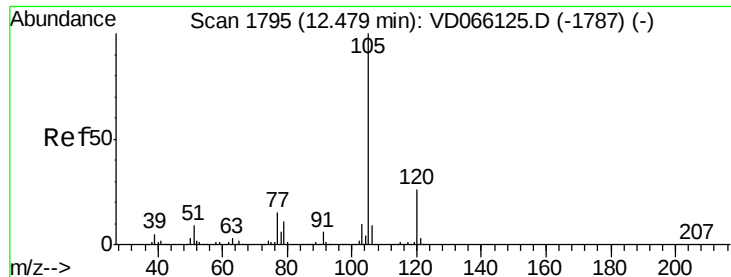


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.241 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

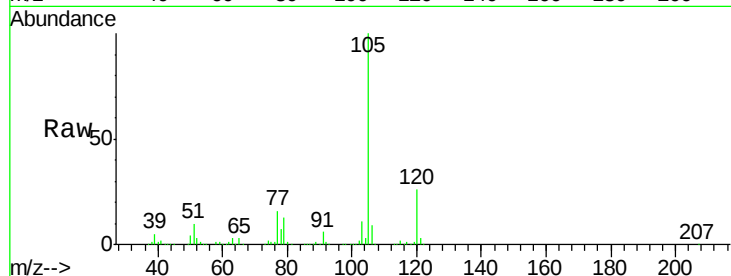
VSTDCCC050

Tgt Ion: 105 Resp: 602912

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

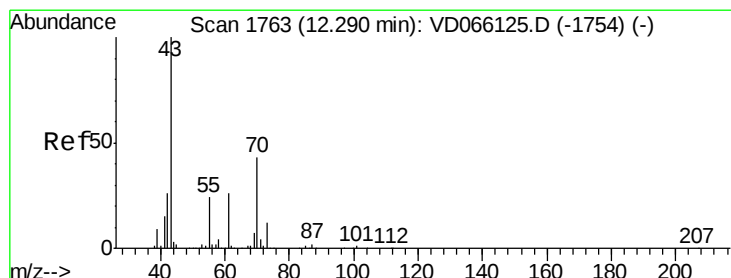
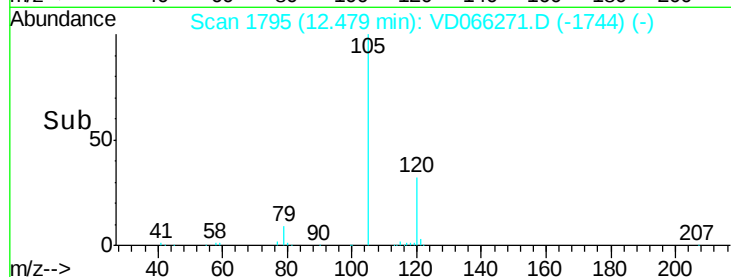
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.038 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion: 43 Resp: 124464

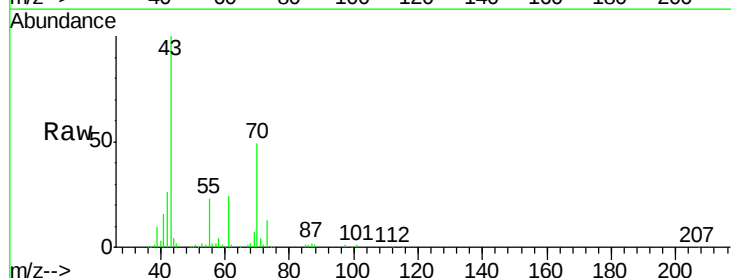
Ion Ratio Lower Upper

43 100

70 44.0 34.9 52.3

55 24.1 19.2 28.8

61 23.8 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

120000

100000

80000

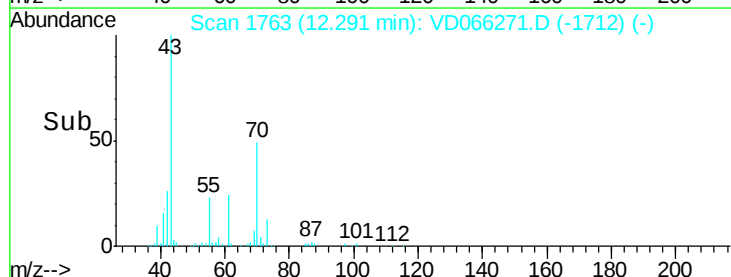
60000

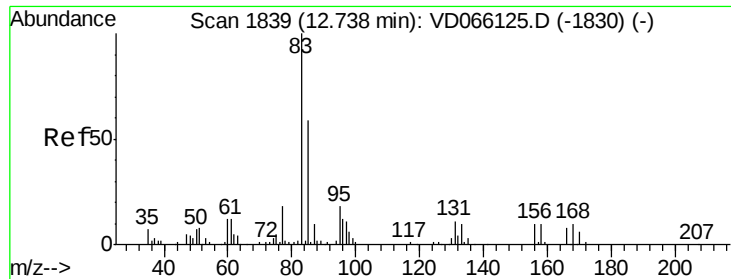
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.271 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

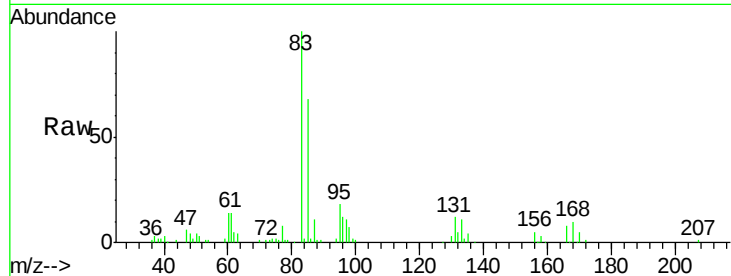
Tgt Ion: 83 Resp: 96847

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.6

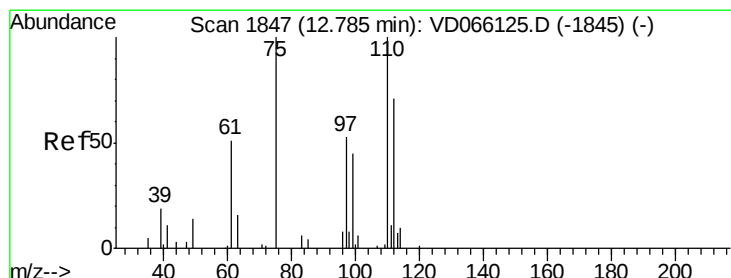
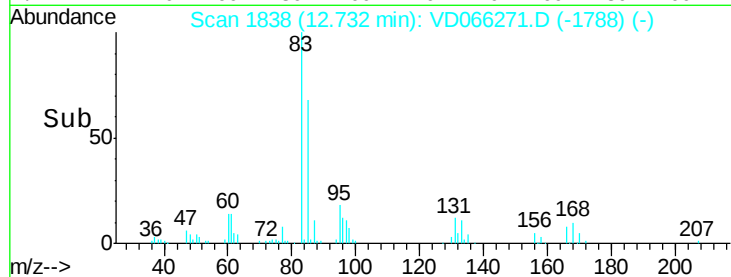
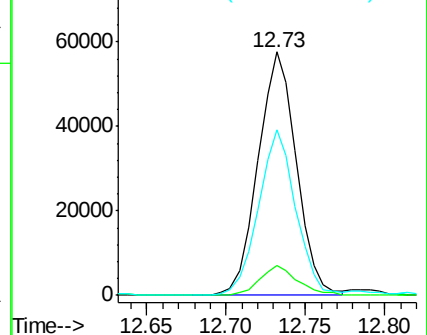
85 66.5 32.4 97.2



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: 87.409 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066271.D

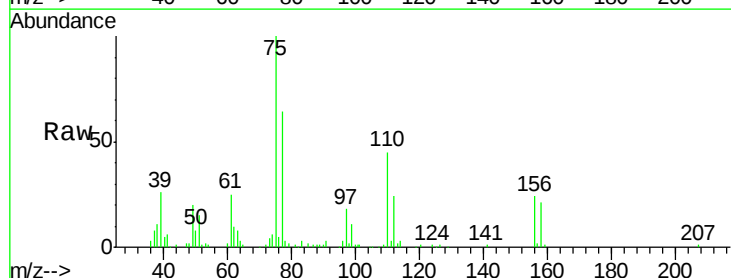
Acq: 18 Aug 2020 12:06

Tgt Ion: 75 Resp: 128484

Ion Ratio Lower Upper

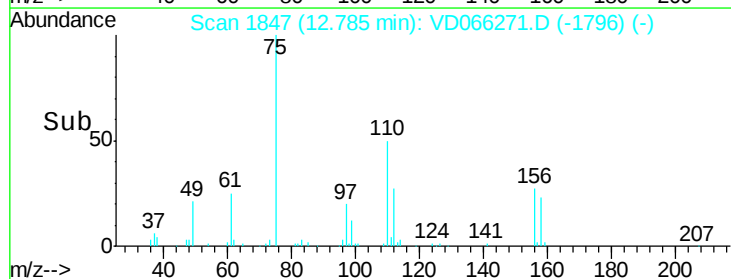
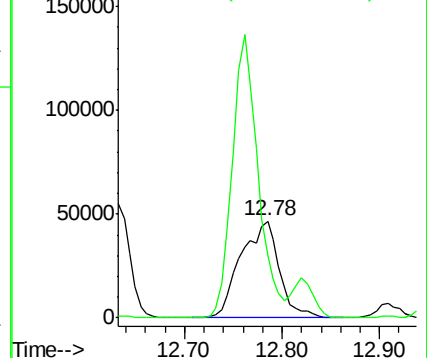
75 100

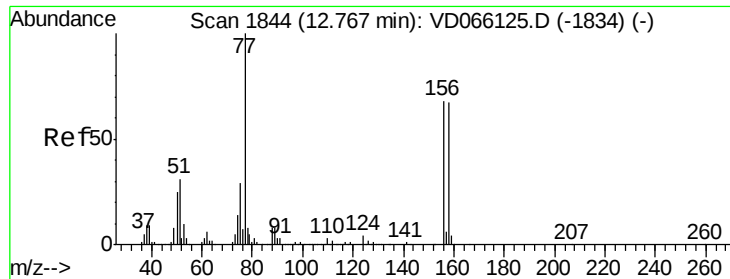
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.600 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

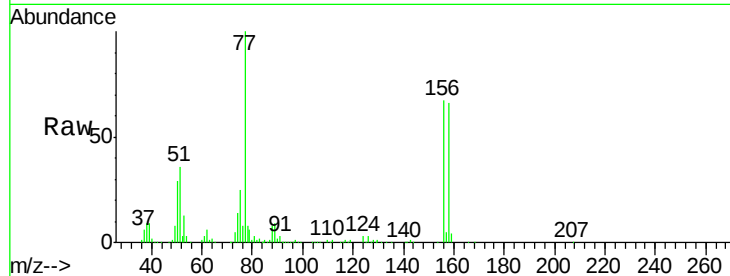
Tgt Ion: 156 Resp: 153258

Ion Ratio Lower Upper

156 100

77 164.1 81.0 243.1

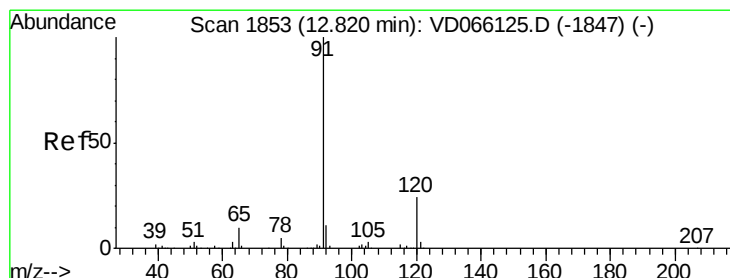
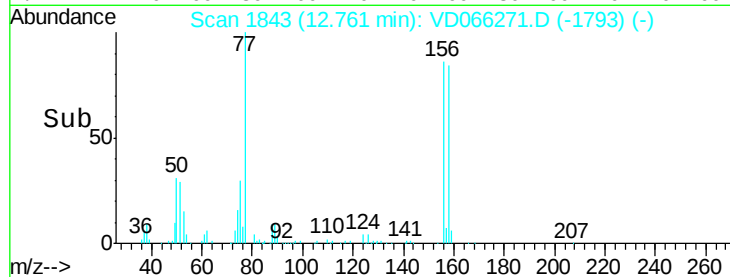
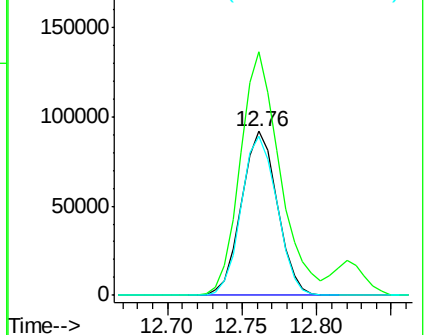
158 96.5 48.8 146.3



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: 51.101 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066271.D

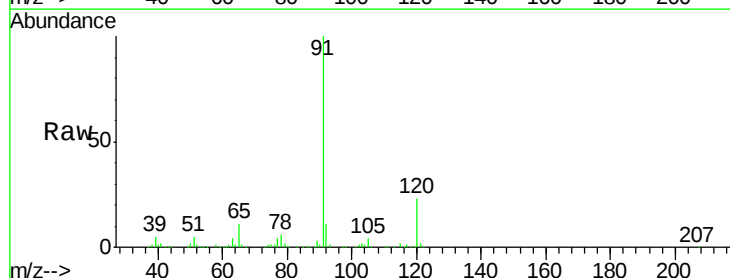
Acq: 18 Aug 2020 12:06

Tgt Ion: 91 Resp: 698919

Ion Ratio Lower Upper

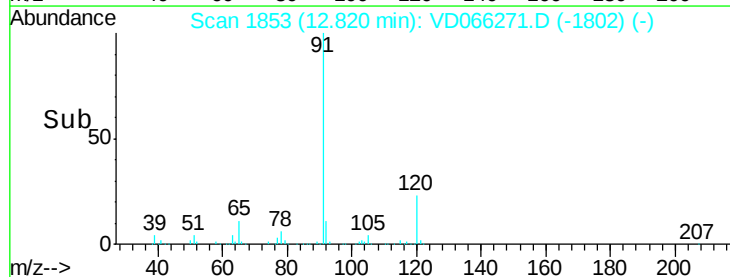
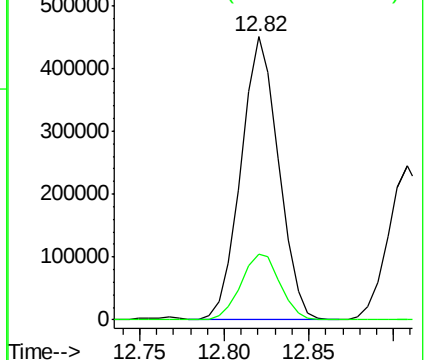
91 100

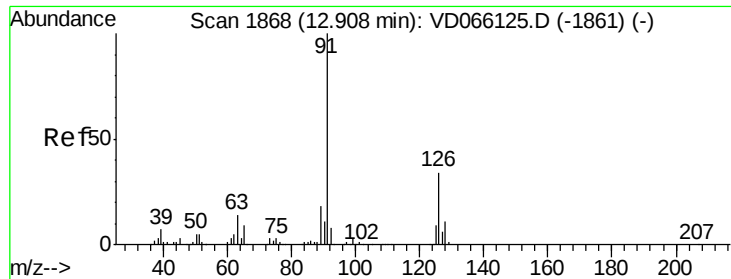
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

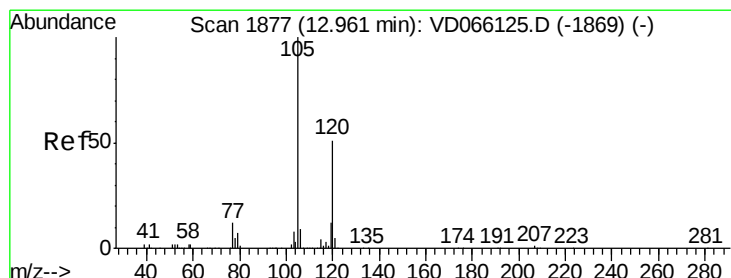
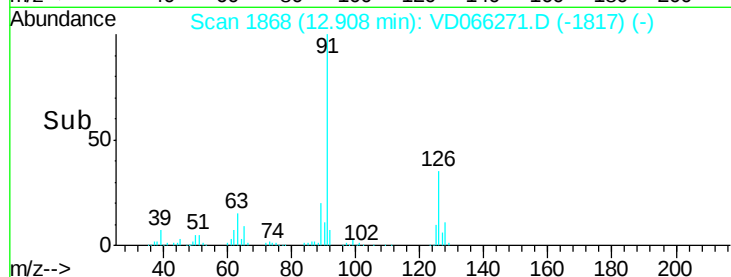
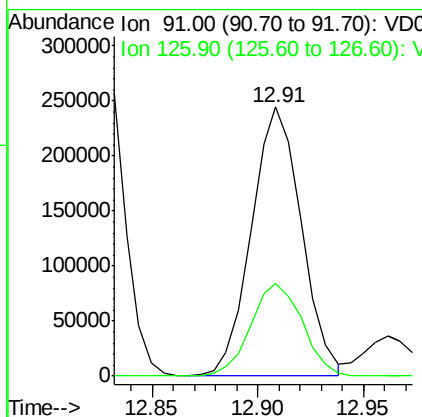
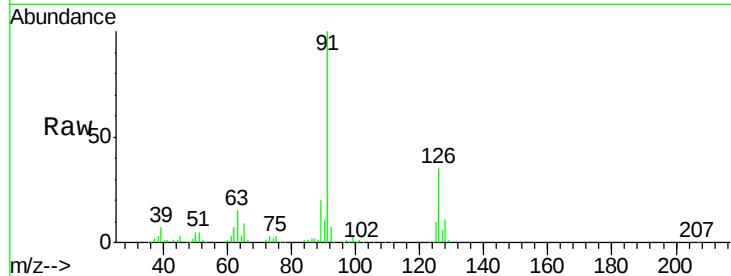




#79
 2-Chlorotoluene
 Concen: 51.210 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

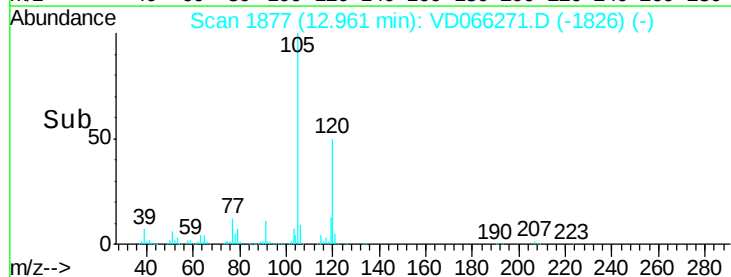
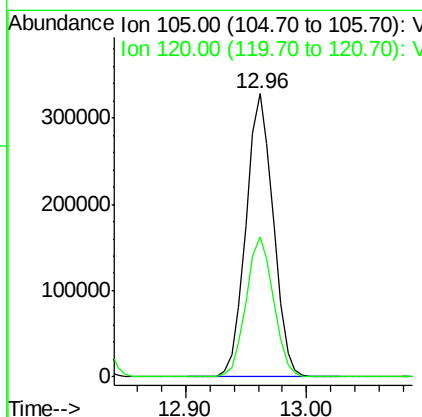
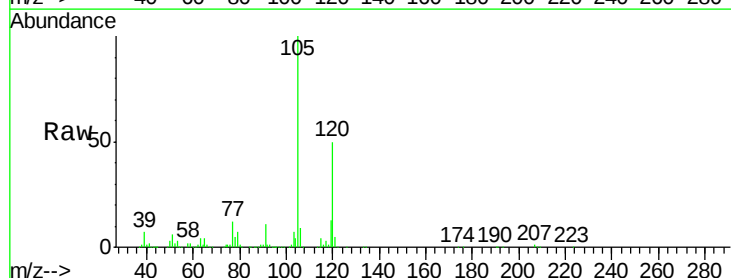
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

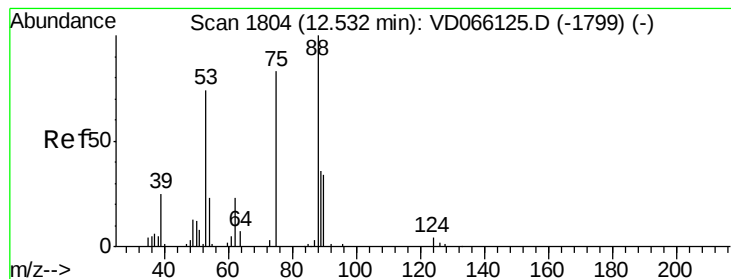
Tgt Ion: 91 Resp: 400589
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.687 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 105 Resp: 518441
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.683 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

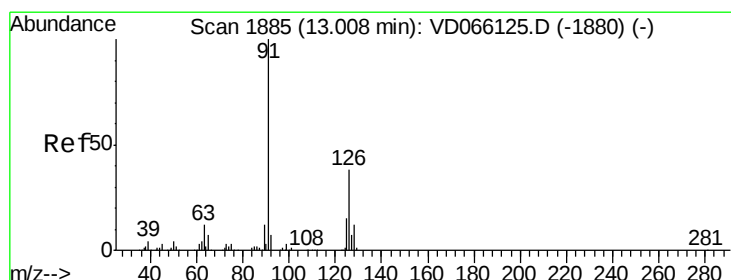
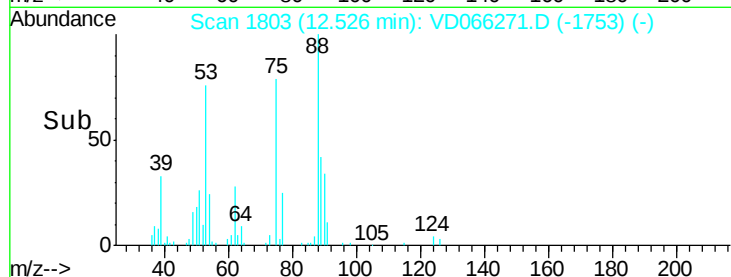
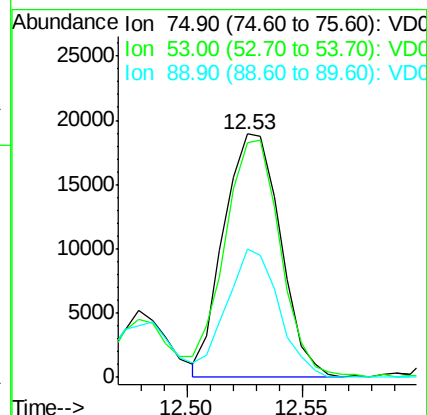
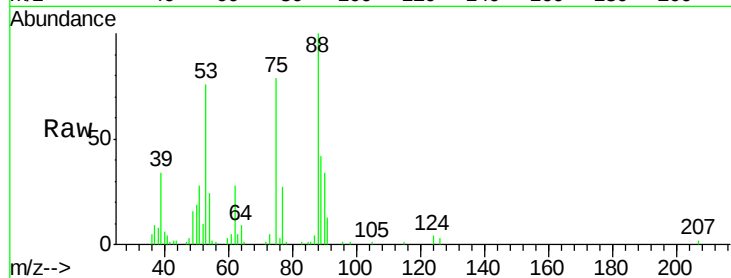
Tgt Ion: 75 Resp: 32372

Ion Ratio Lower Upper

75 100

53 97.3 73.4 110.2

89 48.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 52.318 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066271.D

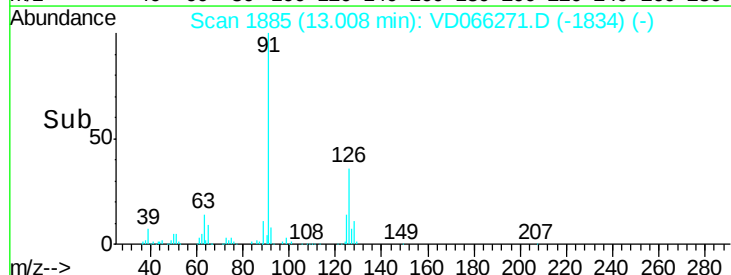
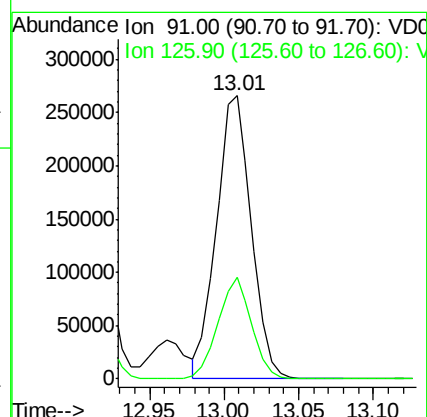
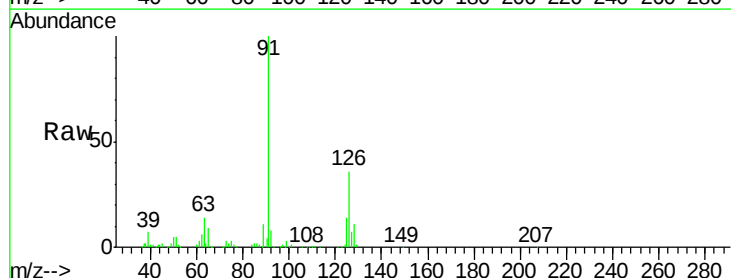
Acq: 18 Aug 2020 12:06

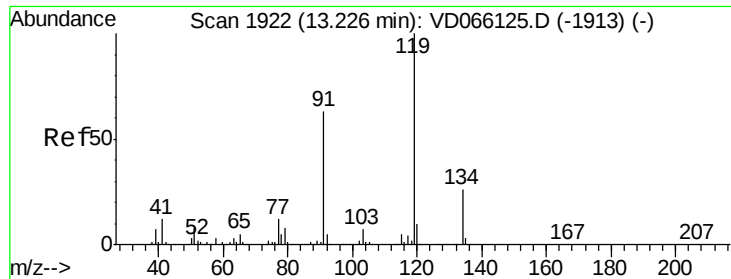
Tgt Ion: 91 Resp: 432028

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.3

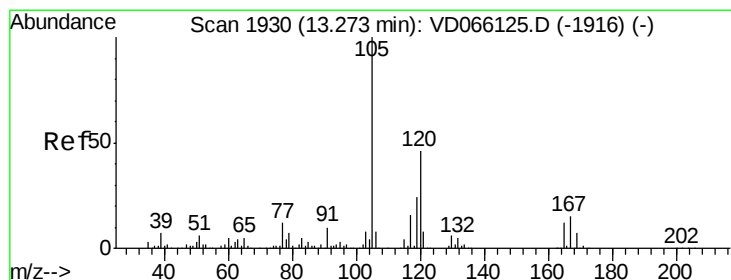
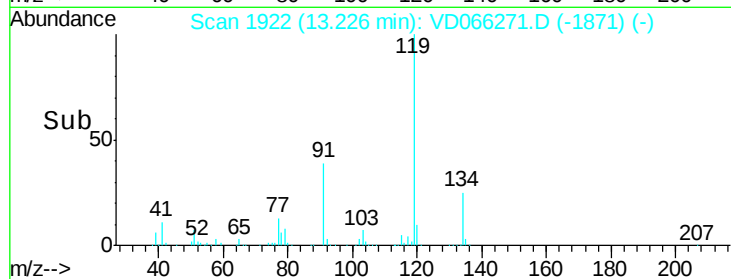
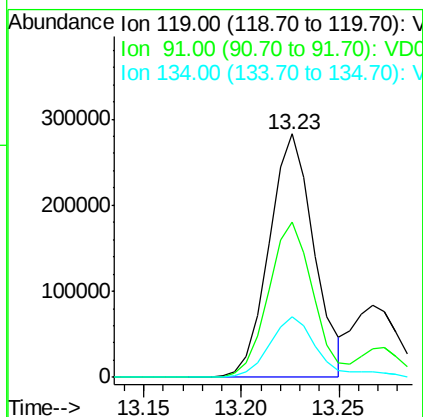
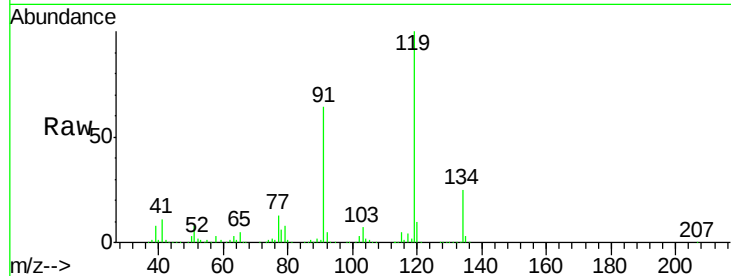




#83
 tert-Butylbenzene
 Concen: 52.036 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

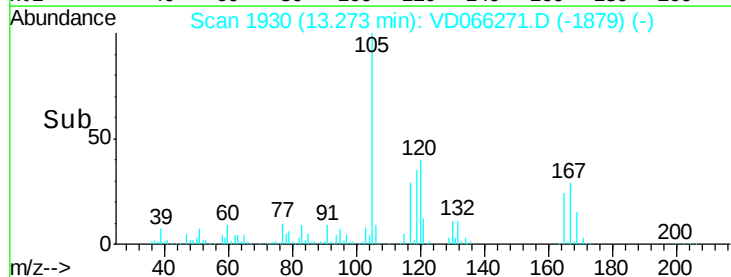
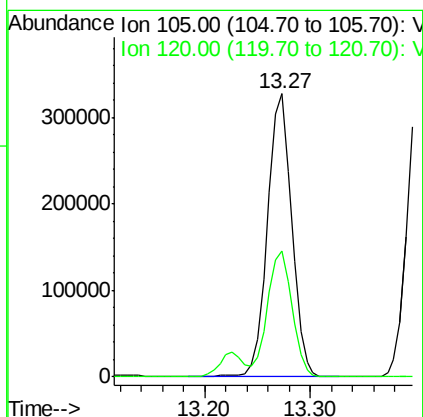
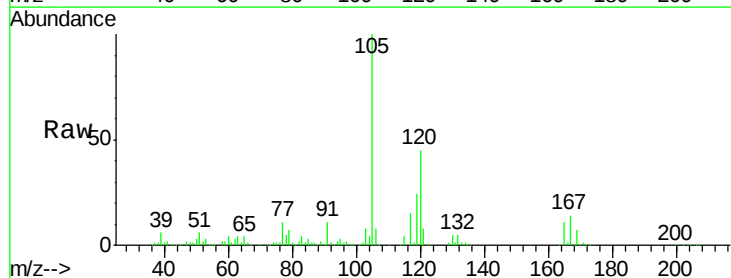
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

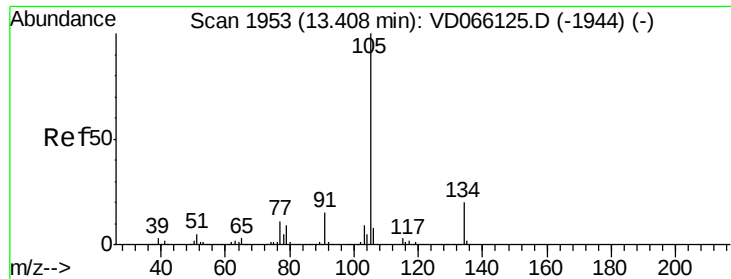
Tgt Ion:119 Resp: 450308
 Ion Ratio Lower Upper
 119 100
 91 64.0 30.8 92.4
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.816 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion:105 Resp: 520117
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.458 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

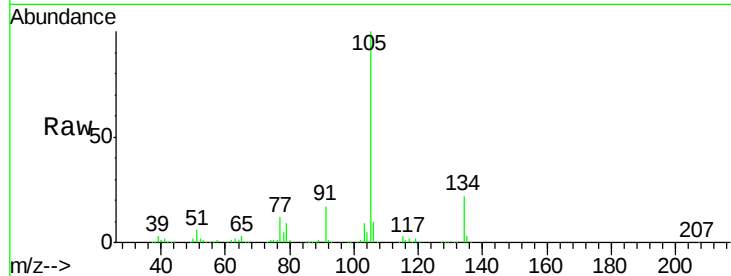
VSTDCCC050

Tgt Ion:105 Resp: 612902

Ion Ratio Lower Upper

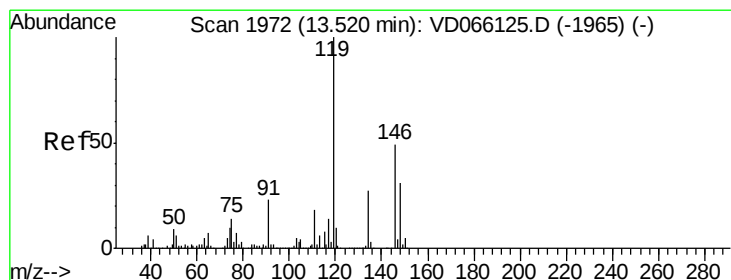
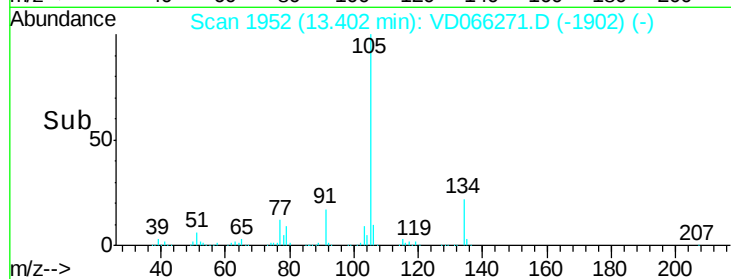
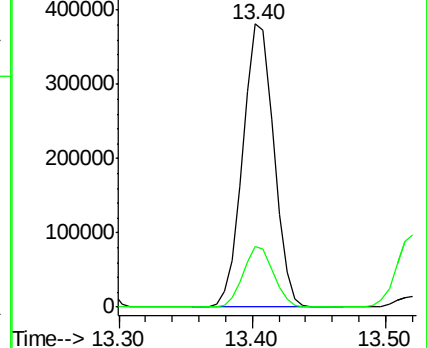
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.681 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

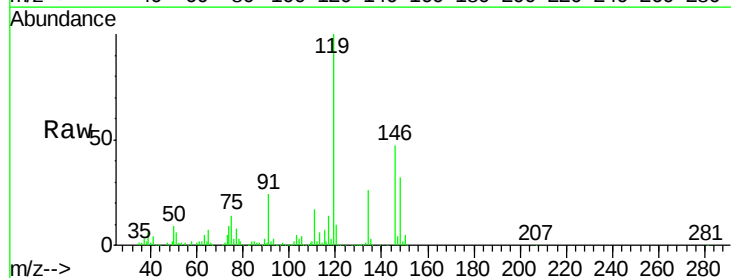
Tgt Ion:119 Resp: 577285

Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

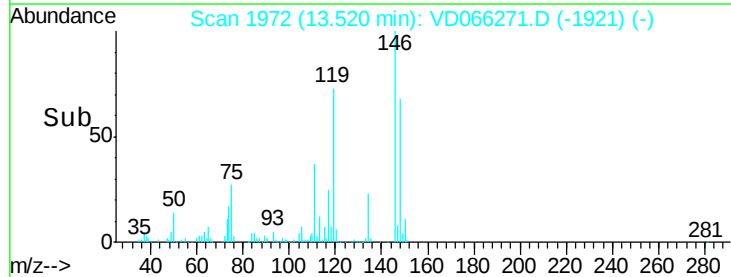
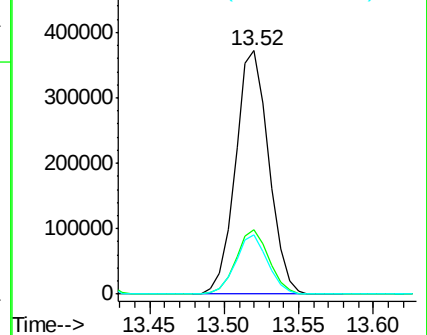
91 23.4 11.2 33.5

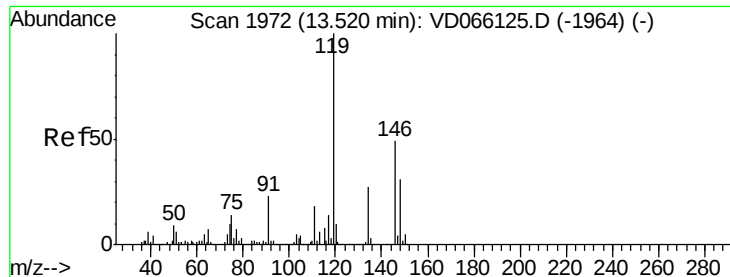


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

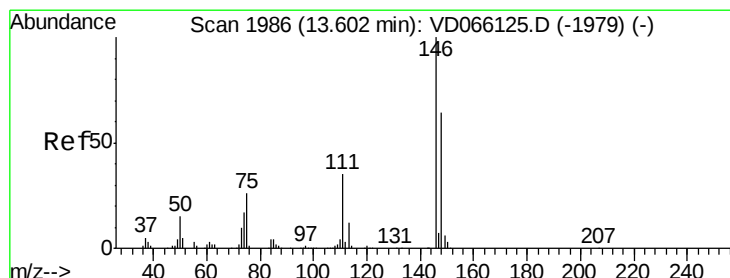
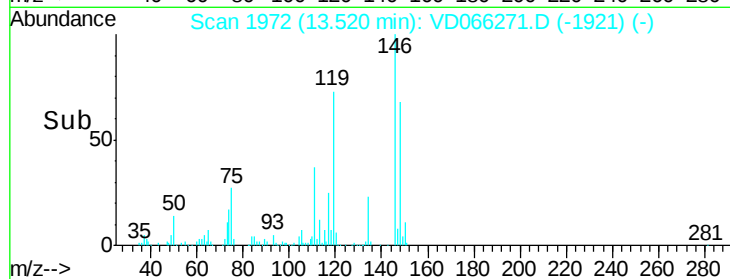
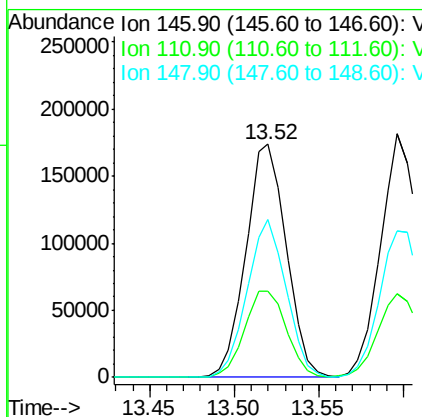
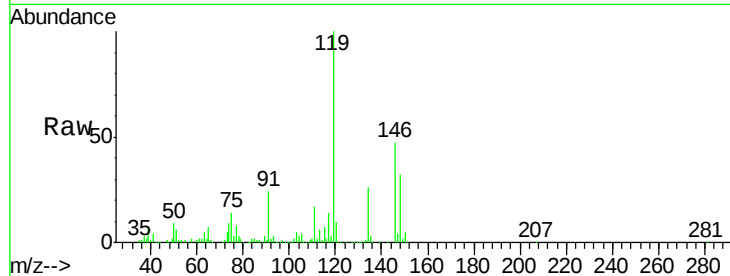




#87
 1,3-Dichlorobenzene
 Concen: 50.917 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

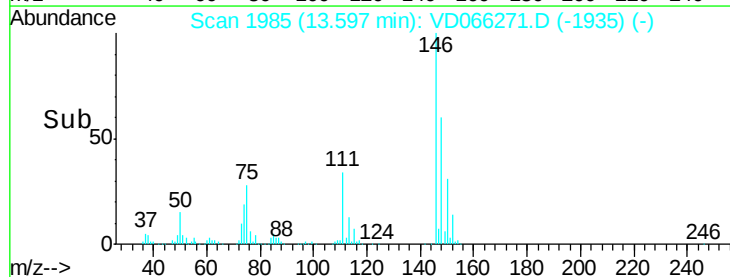
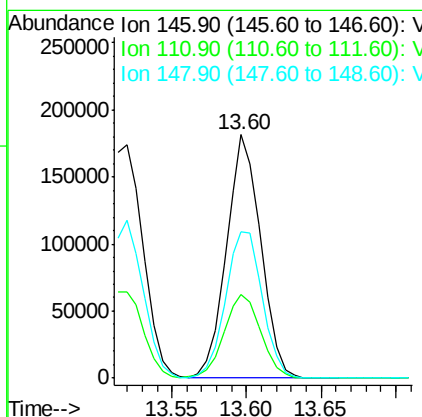
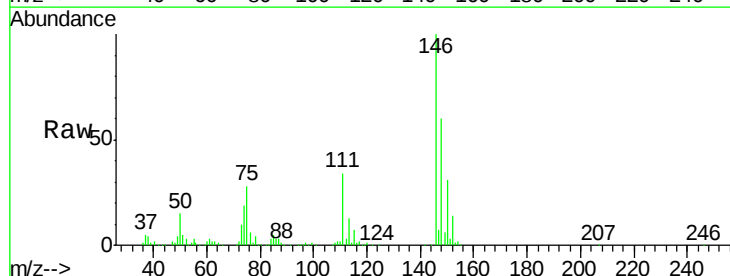
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

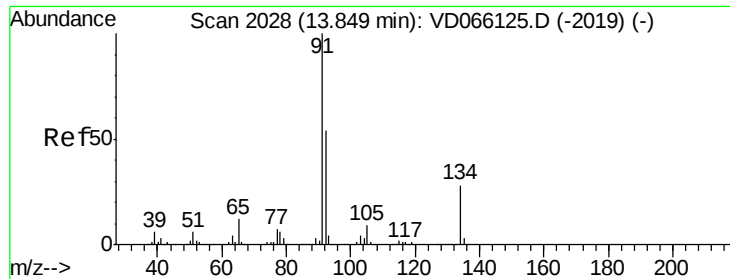
Tgt Ion:146 Resp: 289849
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 65.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.200 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion:146 Resp: 290668
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.7 32.4 97.0

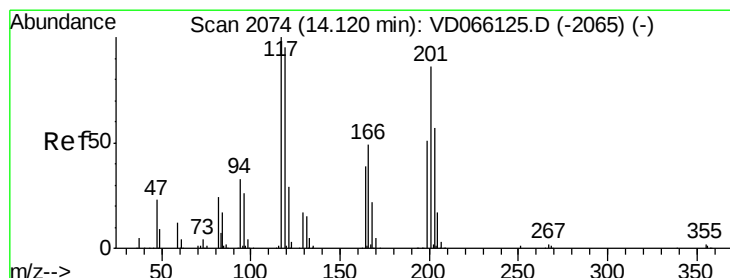
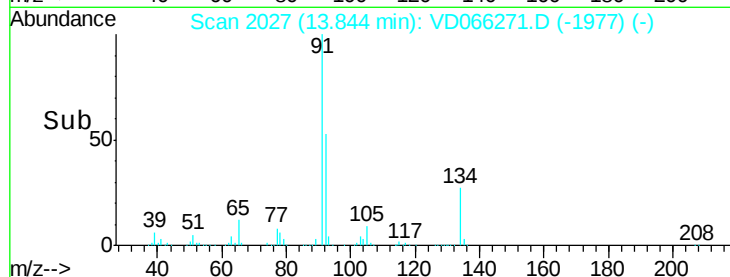
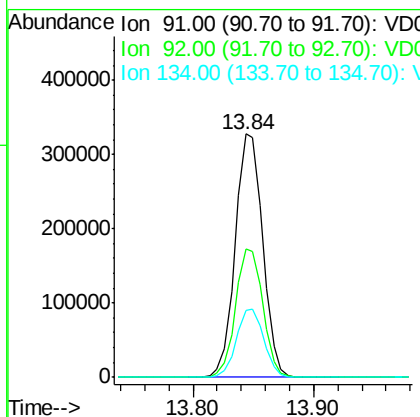
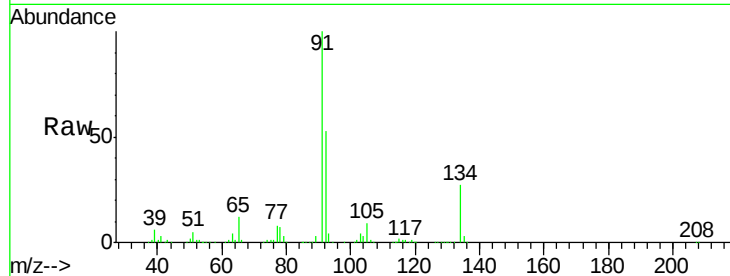




#89
n-Butylbenzene
Concen: 52.914 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

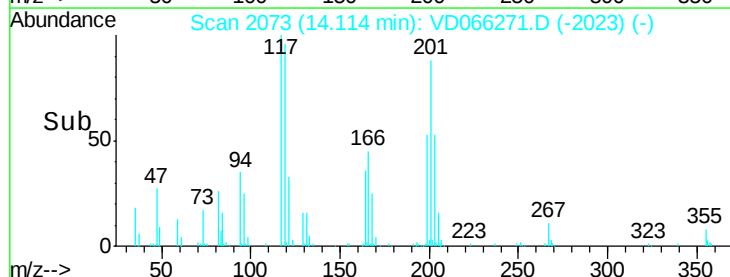
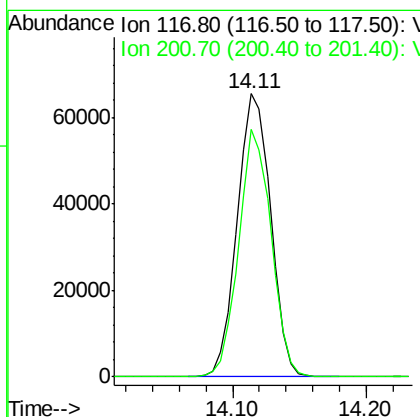
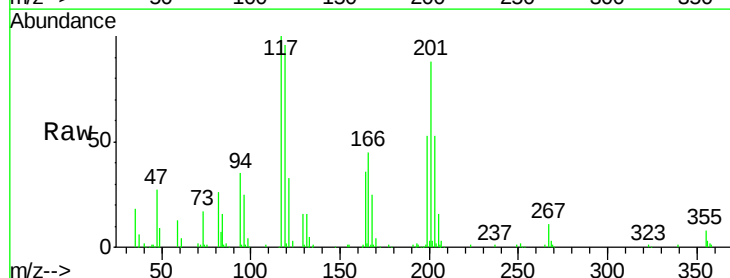
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

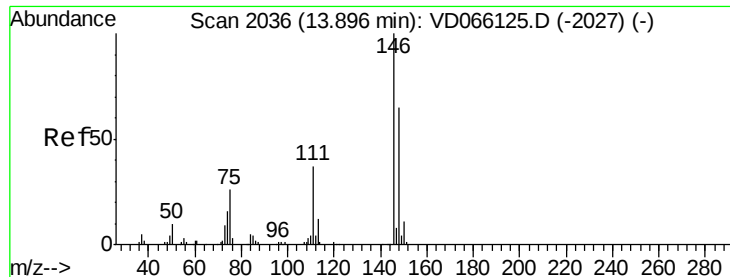
Tgt Ion: 91 Resp: 519514
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 27.9 14.0 41.9



#90
Hexachloroethane
Concen: 51.965 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 117 Resp: 113571
Ion Ratio Lower Upper
117 100
201 84.8 42.7 128.1

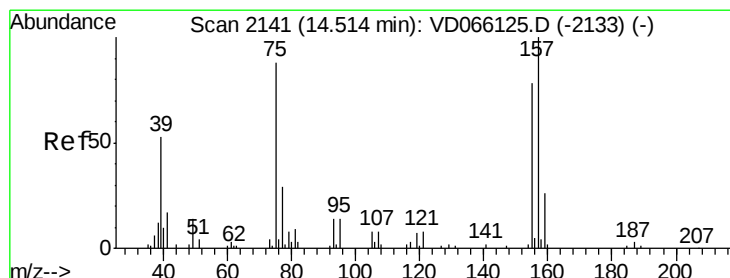
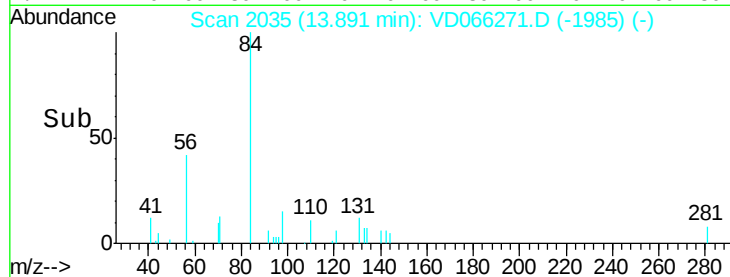
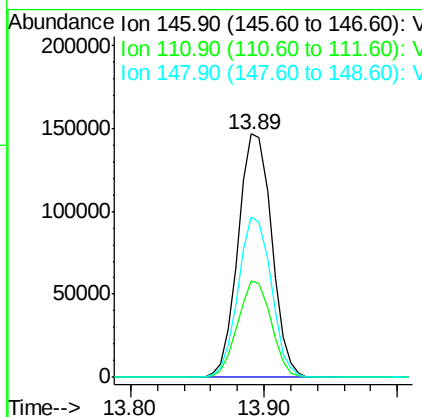
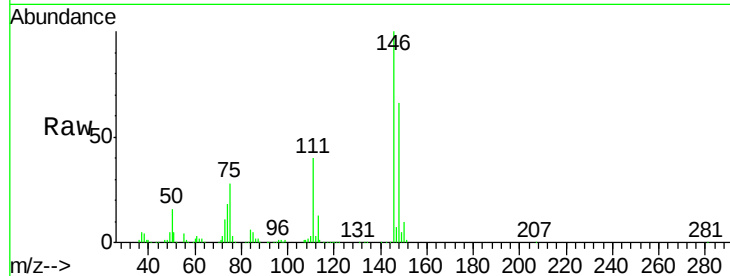




#91
 1,2-Dichlorobenzene
 Concen: 50.735 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

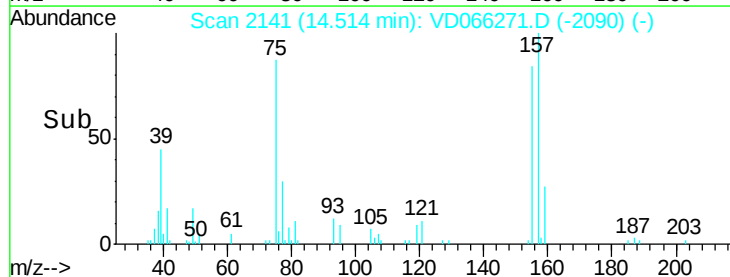
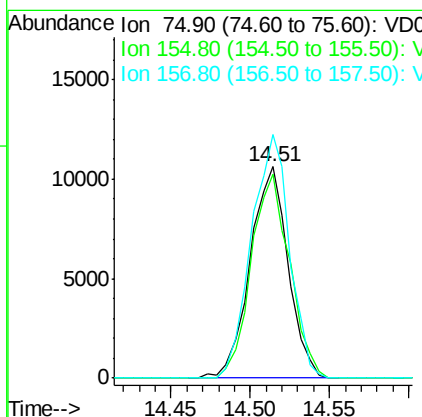
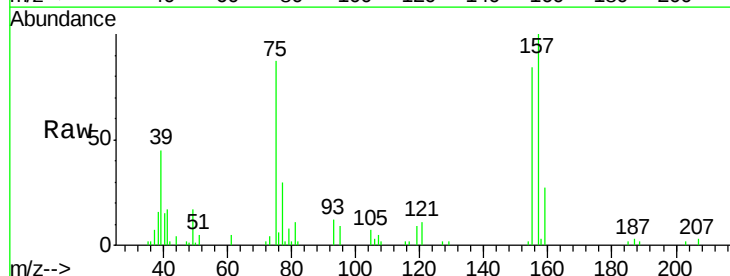
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

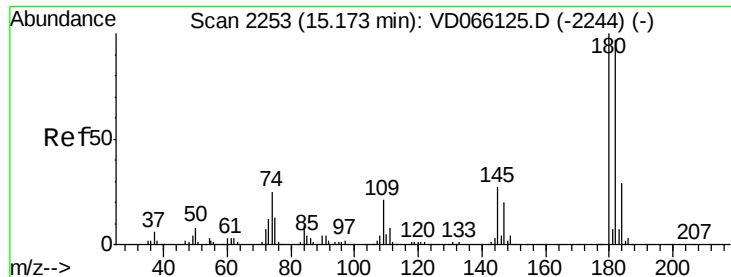
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	65.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.429 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.7	143.1
157	115.2	62.1	186.2

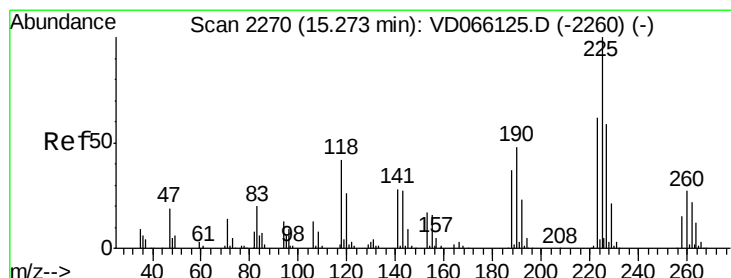
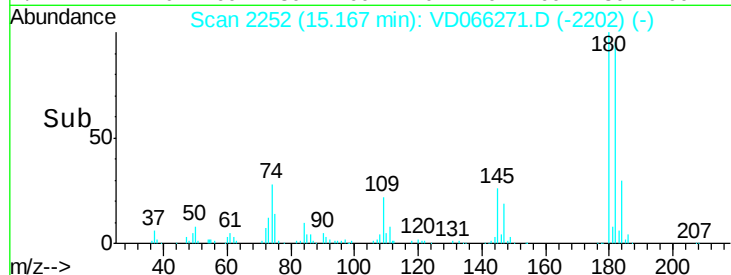
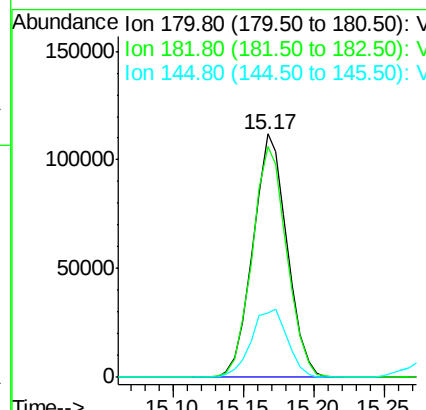
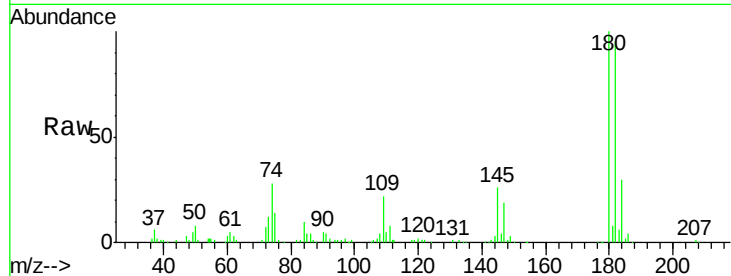




#93
 1,2,4-Trichlorobenzene
 Concen: 51.211 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

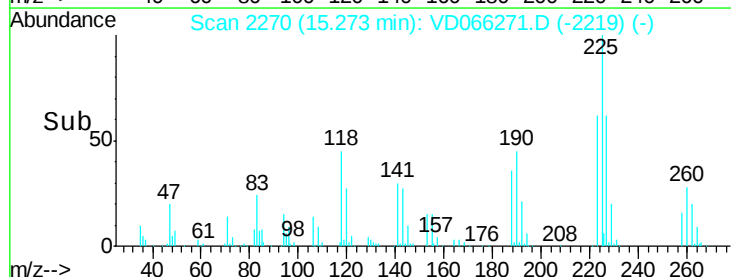
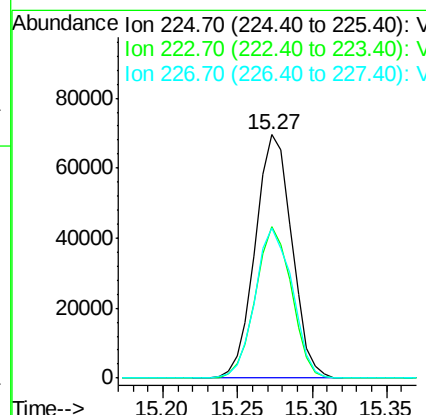
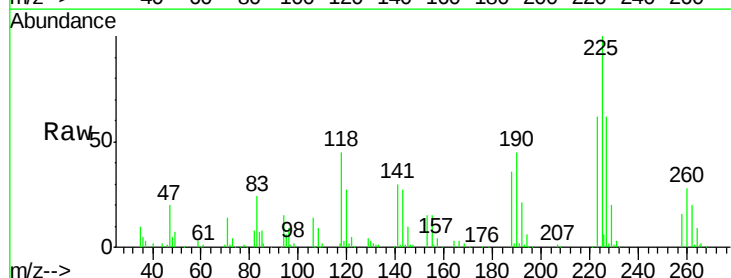
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

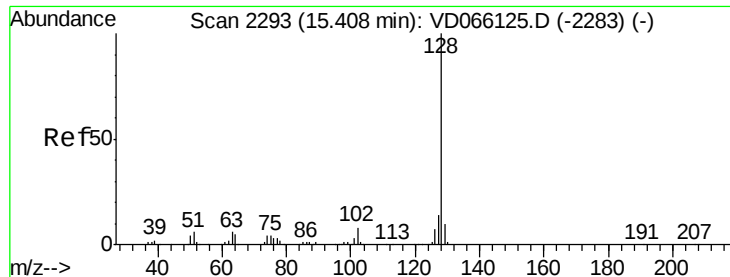
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	29.9	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 53.876 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.3	96.9
227	62.8	32.1	96.5

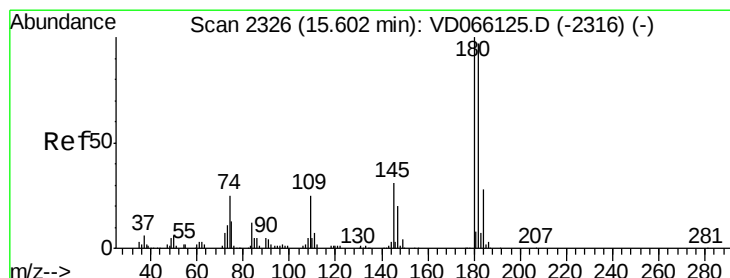
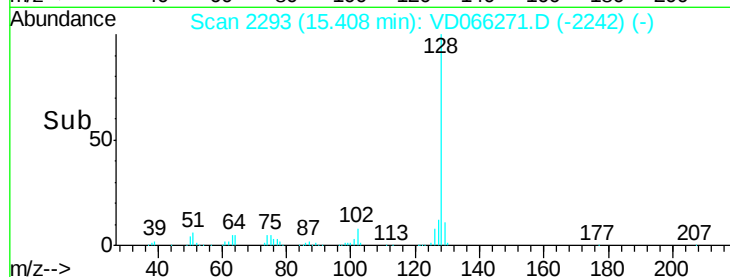
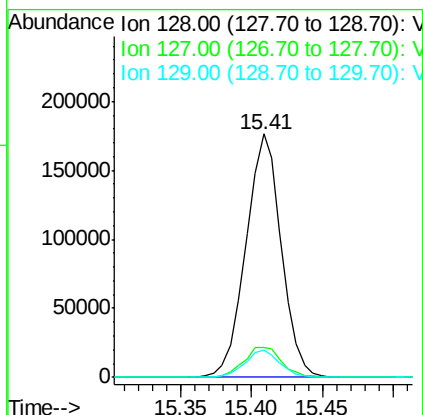
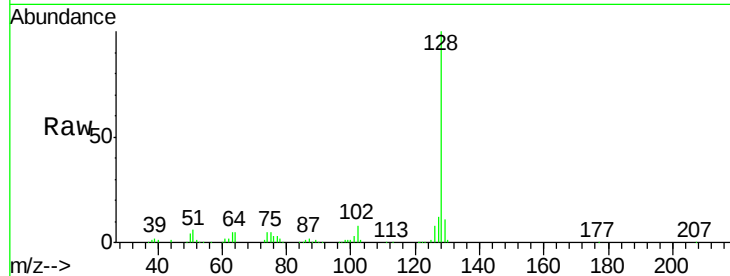




#95
Naphthalene
Concen: 51.162 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.452 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	31.5	14.9	44.9

