

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066146.D
 Acq On : 06 Aug 2020 20:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 07 01:31:49 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	7.98	168	312537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	490759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	460675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	155824	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	7.91	113	159961	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.34	98	609379	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.64	95	211500	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116824	42.427	ug/l	98
3) Chloromethane	2.20	50	107687	50.275	ug/l	98
4) Vinyl Chloride	2.34	62	98350	51.863	ug/l	95
5) Bromomethane	2.77	94	70485	56.023	ug/l	94
6) Chloroethane	2.92	64	62118	53.364	ug/l #	83
7) Trichlorofluoromethane	3.27	101	220692	44.639	ug/l	99
8) Diethyl Ether	3.71	74	72284	51.817	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	136418	46.495	ug/l	99
10) Methyl Iodide	4.30	142	156800	57.532	ug/l	97
11) Tert butyl alcohol	5.21	59	49753	236.981	ug/l	100
12) 1,1-Dichloroethene	4.07	96	135355	48.902	ug/l	94
13) Acrolein	3.92	56	46542	209.702	ug/l	99
14) Allyl chloride	4.71	41	230674	55.011	ug/l	97
15) Acrylonitrile	5.41	53	159919	272.045	ug/l	100
16) Acetone	4.16	43	120383	227.541	ug/l	93
17) Carbon Disulfide	4.40	76	434977	49.426	ug/l	97
18) Methyl Acetate	4.71	43	70376	52.370	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	335037	52.811	ug/l	97
20) Methylene Chloride	4.96	84	181885	60.878	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	164077	51.602	ug/l	94
22) Diisopropyl ether	6.36	45	470843	56.782	ug/l	98
23) Vinyl Acetate	6.30	43	1349977	277.893	ug/l	99
24) 1,1-Dichloroethane	6.26	63	278462	54.263	ug/l	100
25) 2-Butanone	7.21	43	195860	251.700	ug/l	96
26) 2,2-Dichloropropane	7.20	77	201356	43.778	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	185320	55.567	ug/l	97
28) Bromochloromethane	7.54	49	104902	58.201	ug/l	95
29) Tetrahydrofuran	7.56	42	130306	270.281	ug/l	97
30) Chloroform	7.71	83	286202	53.114	ug/l	94
31) Cyclohexane	7.98	56	227402	46.552	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	255783	50.627	ug/l	99
36) 1,1-Dichloropropene	8.11	75	213582	46.314	ug/l	99
37) Ethyl Acetate	7.29	43	88384	48.371	ug/l	96
38) Carbon Tetrachloride	8.09	117	225665	43.881	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	251982	45.201	ug/l	97
40) Benzene	8.35	78	641104	50.113	ug/l	97
41) Methacrylonitrile	7.56	41	130913	121.855	ug/l #	21
42) 1,2-Dichloroethane	8.43	62	183298	48.772	ug/l	100
43) Isopropyl Acetate	8.45	43	182492	50.691	ug/l	99
44) Trichloroethene	9.11	130	184559	47.875	ug/l	100
45) 1,2-Dichloropropane	9.38	63	160442	51.278	ug/l	96
46) Dibromomethane	9.47	93	85404	49.554	ug/l	99
47) Bromodichloromethane	9.66	83	223523	49.072	ug/l	97
48) Methyl methacrylate	9.46	41	90412	49.183	ug/l	94
49) 1,4-Dioxane	9.46	88	20496	925.662	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	465522	251.738	ug/l	100
52) Toluene	10.40	92	423096	50.260	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	214292	49.573	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	249383	49.239	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	119888	48.309	ug/l	96
56) Ethyl methacrylate	10.66	69	155449	52.143	ug/l	98
57) 1,3-Dichloropropane	10.94	76	204568	49.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	381428	284.437	ug/l	99
59) 2-Hexanone	10.98	43	318892	245.713	ug/l	97
60) Dibromochloromethane	11.14	129	164175	47.918	ug/l	98
61) 1,2-Dibromoethane	11.24	107	121583	50.943	ug/l	96
64) Tetrachloroethene	10.87	164	161385	45.621	ug/l	96
65) Chlorobenzene	11.67	112	459834	49.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	173260	47.350	ug/l	99
67) Ethyl Benzene	11.74	91	786230	48.515	ug/l	98
68) m/p-Xylenes	11.86	106	605399	96.419	ug/l	99
69) o-Xylene	12.18	106	285846	50.046	ug/l	98
70) Styrene	12.20	104	497808	49.732	ug/l	100
71) Bromoform	12.37	173	99838	46.052	ug/l #	99
73) Isopropylbenzene	12.48	105	767578	50.589	ug/l	100
74) N-amyl acetate	12.29	43	175561	52.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	127175	49.155	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	166757	87.974	ug/l #	100
77) Bromobenzene	12.77	156	193681	49.588	ug/l	96
78) n-propylbenzene	12.83	91	877019	49.725	ug/l	99
79) 2-Chlorotoluene	12.91	91	510170	50.575	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	637258	50.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	39511	46.078	ug/l	97
82) 4-Chlorotoluene	13.01	91	538030	50.525	ug/l	100
83) tert-Butylbenzene	13.23	119	557664	49.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	643654	50.686	ug/l	99
85) sec-Butylbenzene	13.41	105	734533	48.753	ug/l	99
86) p-Isopropyltoluene	13.52	119	686124	48.554	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	356704	48.592	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	356925	48.755	ug/l	99
89) n-Butylbenzene	13.85	91	609707	48.157	ug/l	98
90) Hexachloroethane	14.11	117	137401	48.753	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	320275	49.334	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21284	47.865	ug/l	99

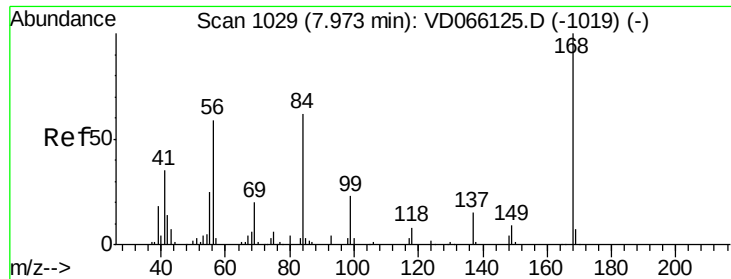
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	226030	47.245	ug/l	98
94) Hexachlorobutadiene	15.27	225	128434	45.588	ug/l	99
95) Naphthalene	15.41	128	401855	51.550	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	202872	48.035	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

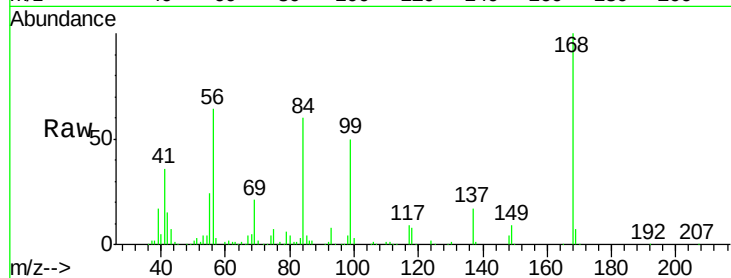
VSTDCCC050EC

Tot Ion:168 Resp: 312537

Ion Ratio Lower Upper

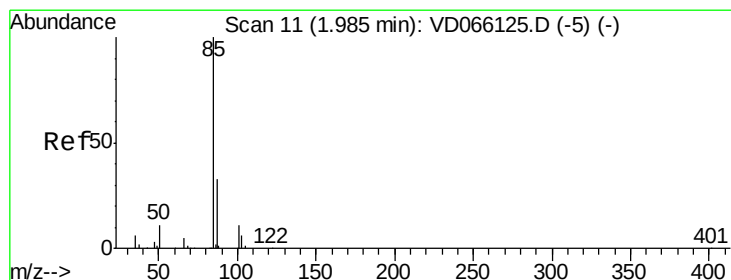
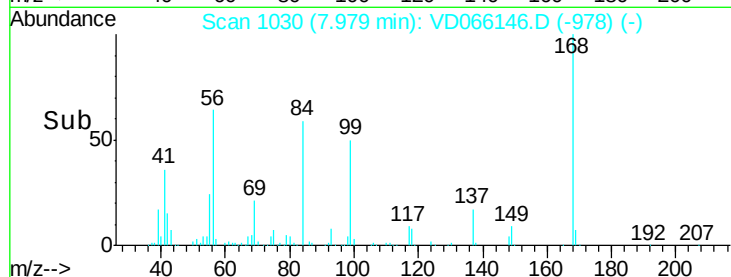
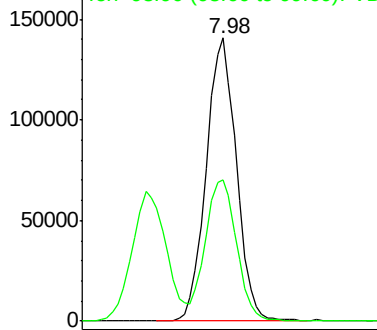
168 100

99 49.7 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: 42.427 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066146.D

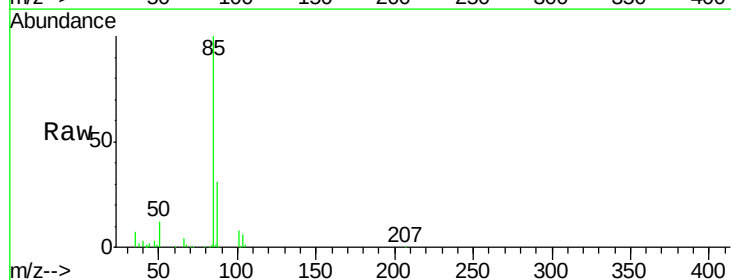
Acq: 06 Aug 2020 20:35

Tgt Ion: 85 Resp: 116824

Ion Ratio Lower Upper

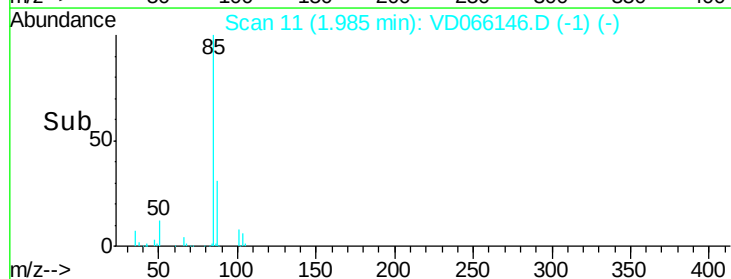
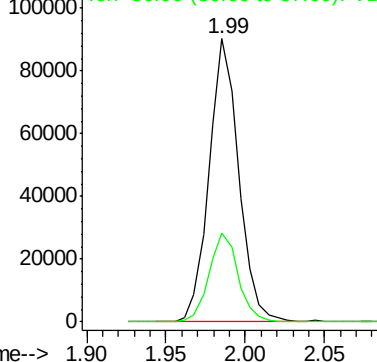
85 100

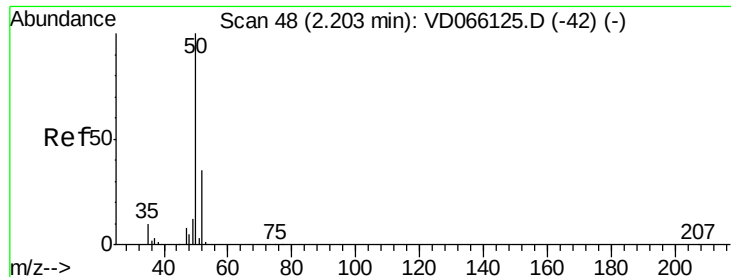
87 31.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 50.275 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

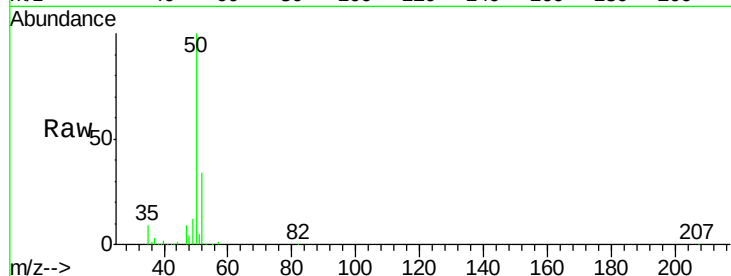
VSTDCCC050EC

Tot Ion: 50 Resp: 107687

Ion Ratio Lower Upper

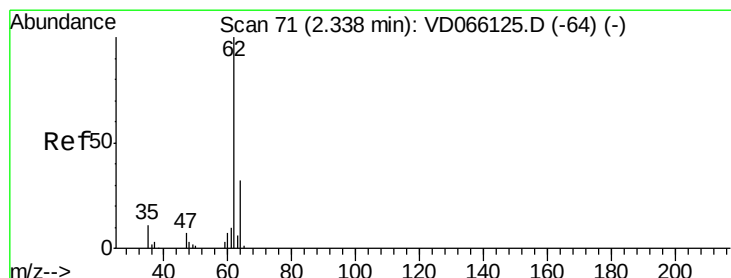
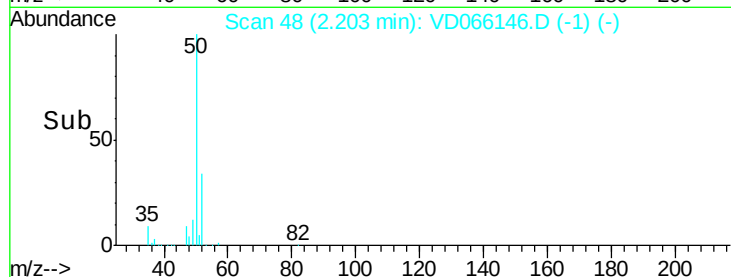
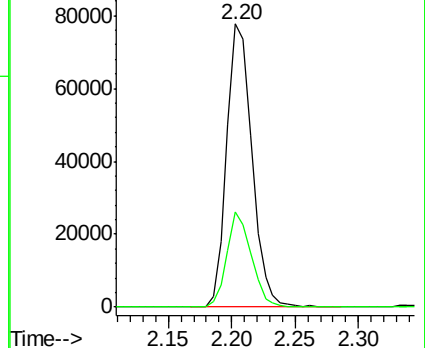
50 100

52 33.8 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.863 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066146.D

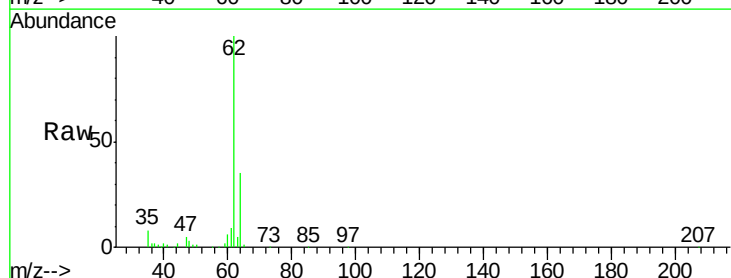
Acq: 06 Aug 2020 20:35

Tgt Ion: 62 Resp: 98350

Ion Ratio Lower Upper

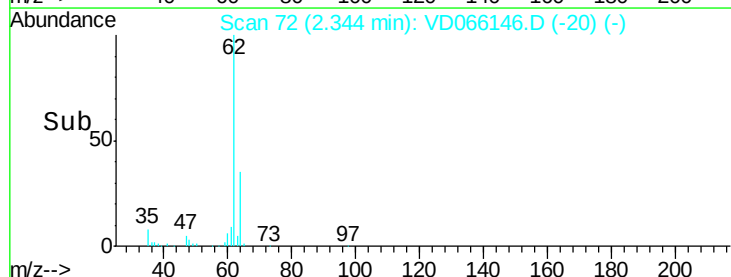
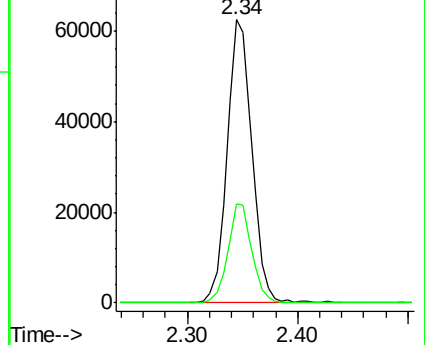
62 100

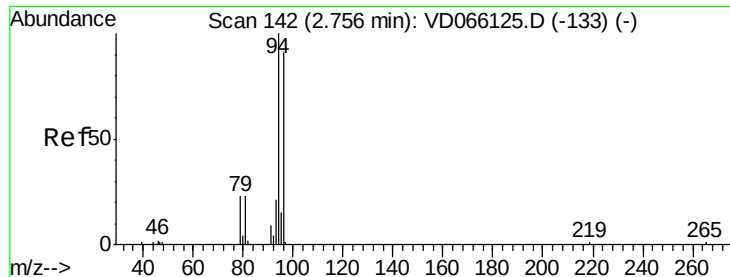
64 34.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.023 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

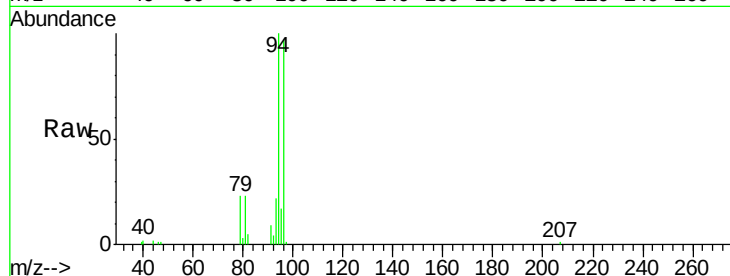
VSTDCCC050EC

Tot Ion: 94 Resp: 70485

Ion Ratio Lower Upper

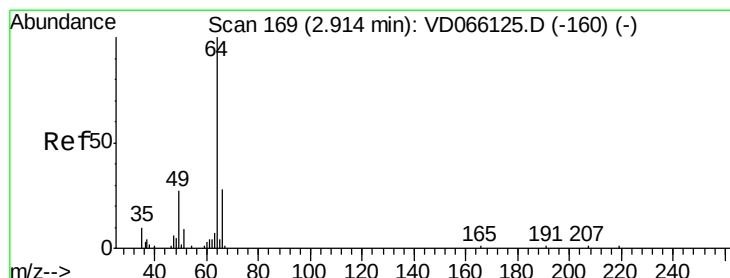
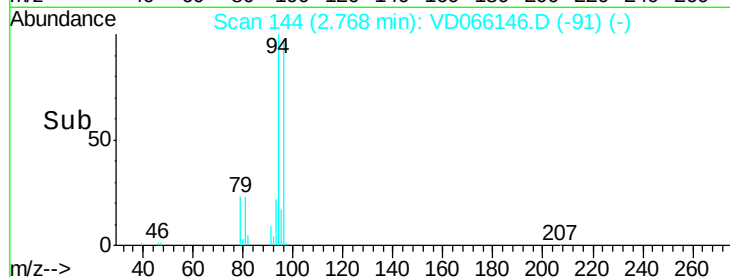
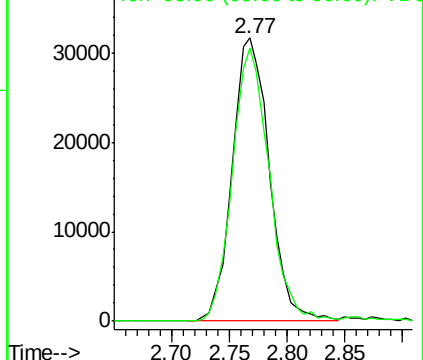
94 100

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: 53.364 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066146.D

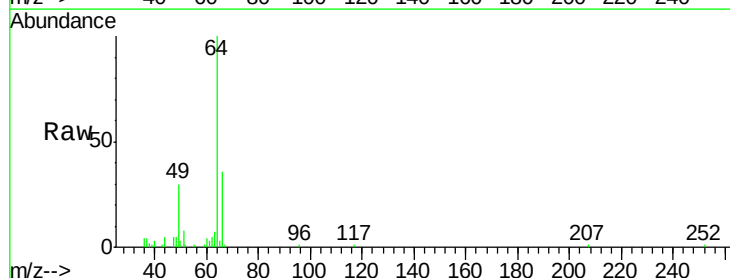
Acq: 06 Aug 2020 20:35

Tgt Ion: 64 Resp: 62118

Ion Ratio Lower Upper

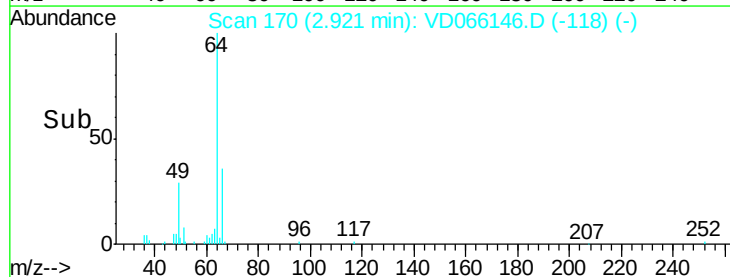
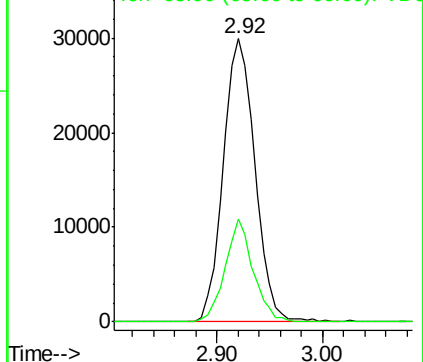
64 100

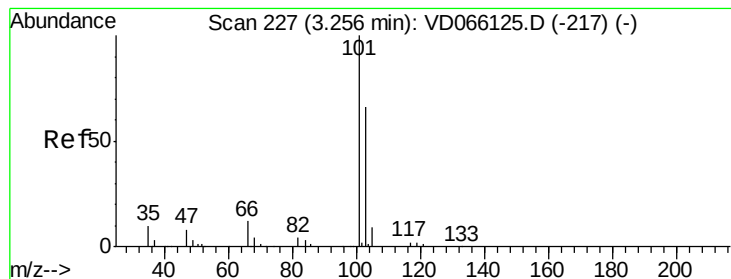
66 36.3 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



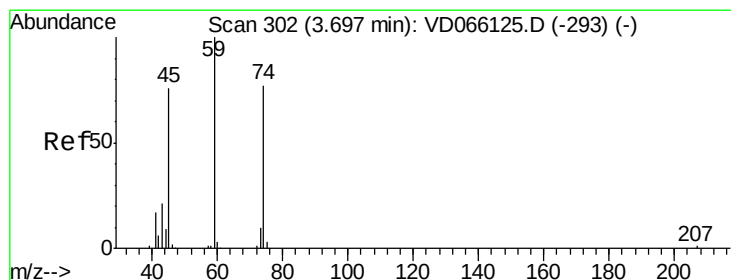
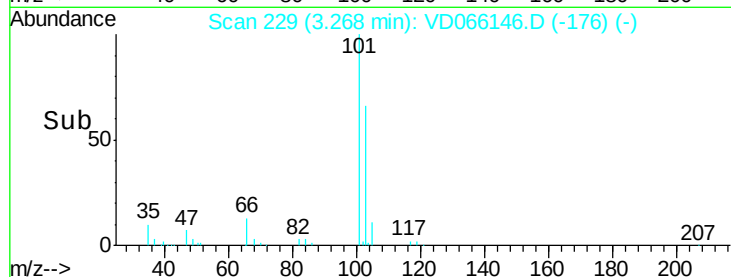
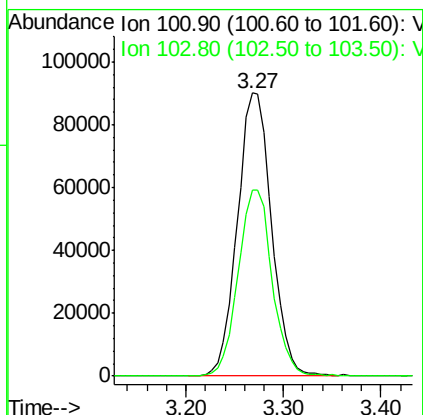
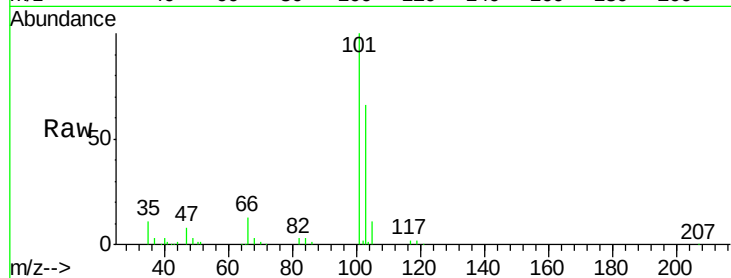


#7

Trichlorofluoromethane
 Concen: 44.639 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Instrument :
 MSVOA_D
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 VSTDCCC050EC

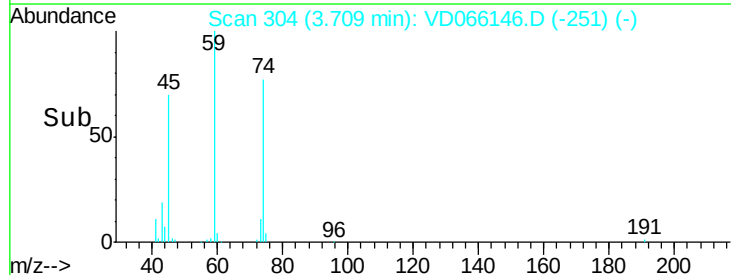
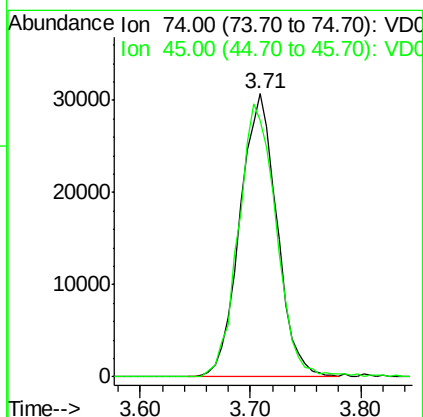
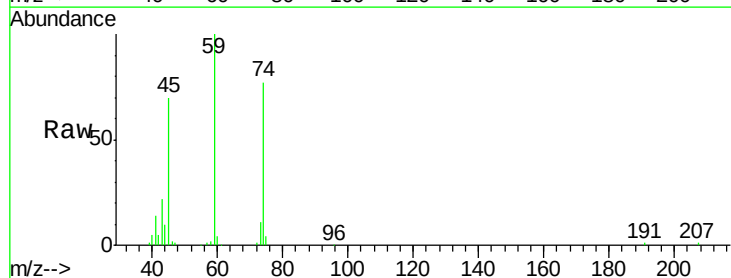
Tot Ion:101 Resp: 220692
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.0 79.6

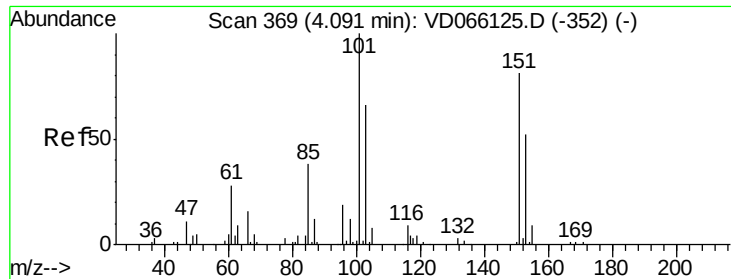


#8

Diethyl Ether
 Concen: 51.817 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 74 Resp: 72284
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.495 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

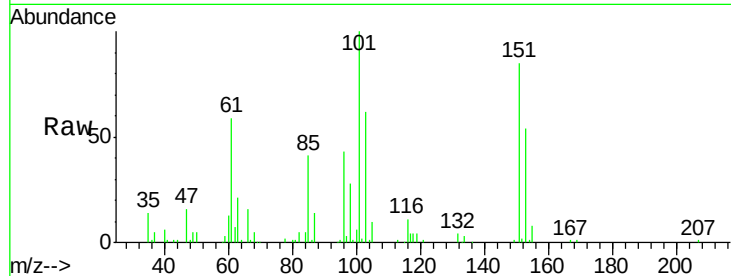
Tot Ion:101 Resp: 136418

Ion Ratio Lower Upper

101 100

85 41.4 33.5 50.3

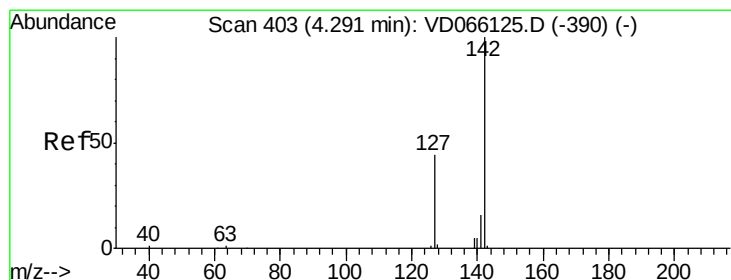
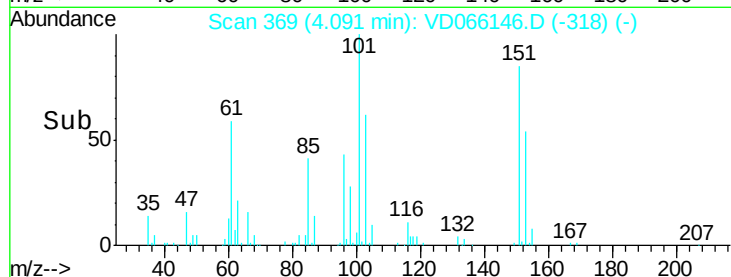
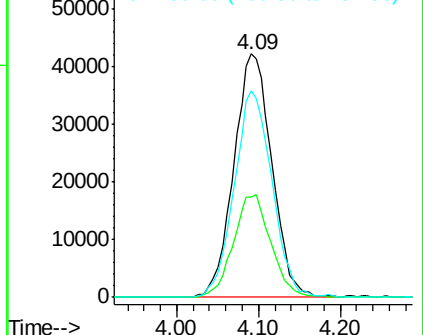
151 84.2 67.8 101.8



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: 57.532 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

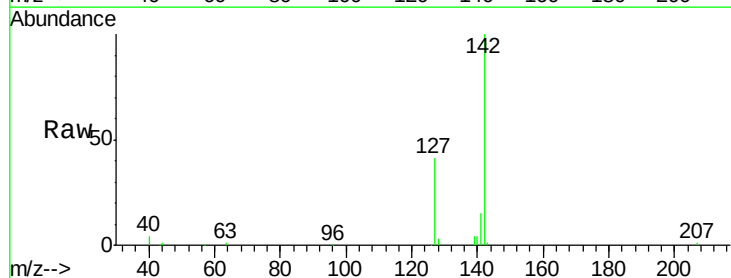
Tgt Ion:142 Resp: 156800

Ion Ratio Lower Upper

142 100

127 43.9 36.2 54.4

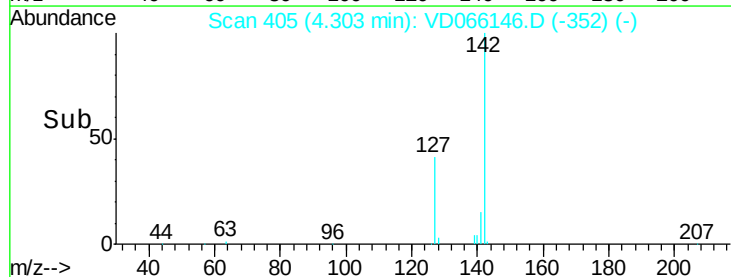
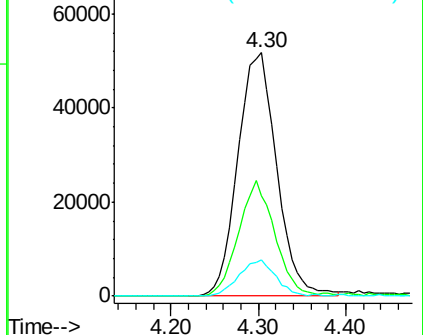
141 14.1 12.6 18.8

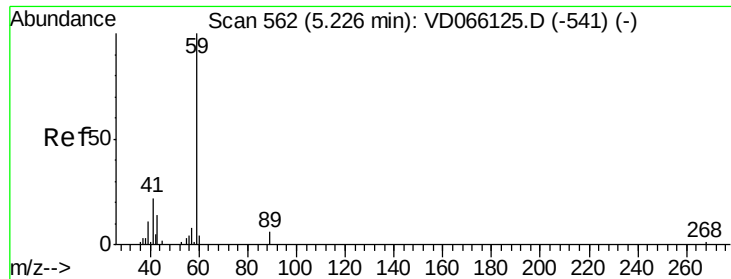


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

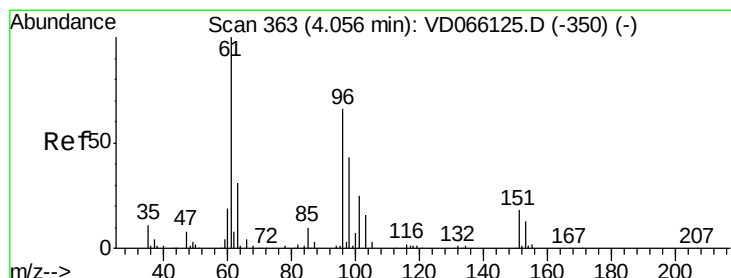
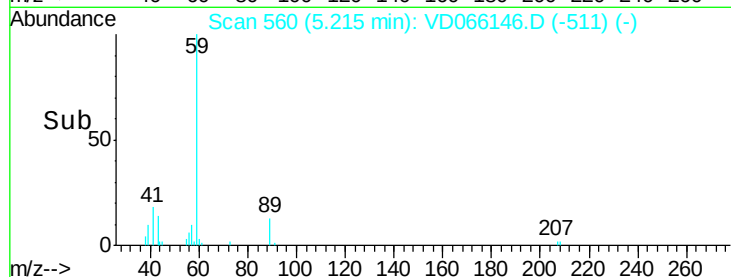
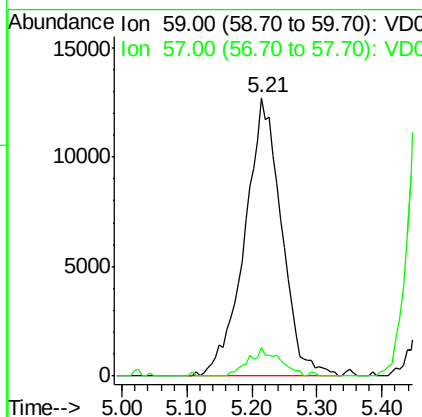
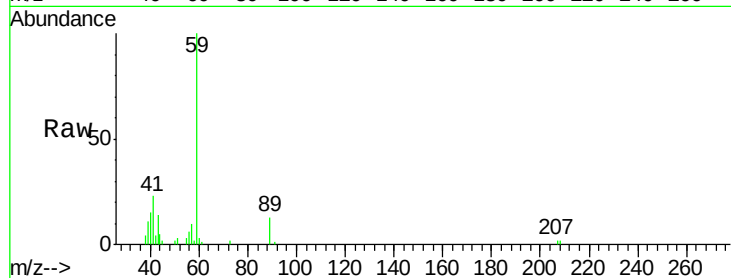




#11
Tert butyl alcohol
Concen: 236.981 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

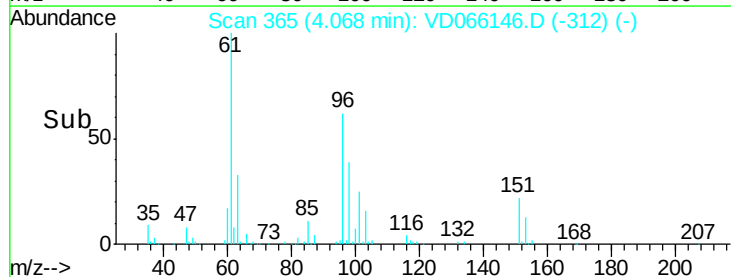
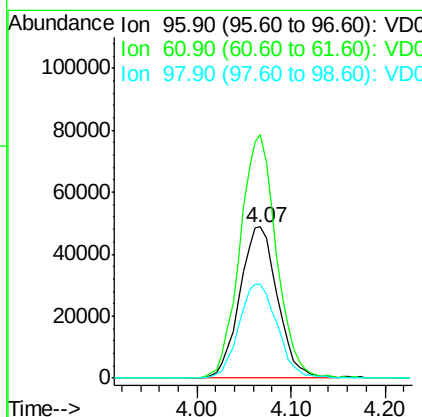
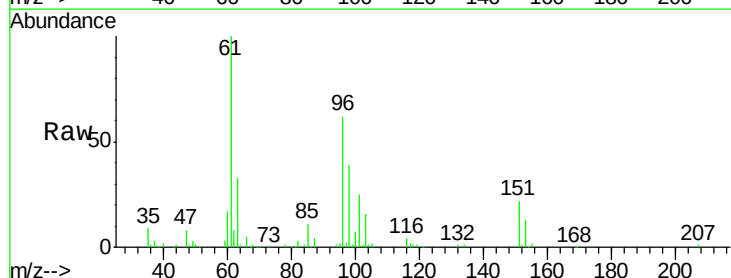
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

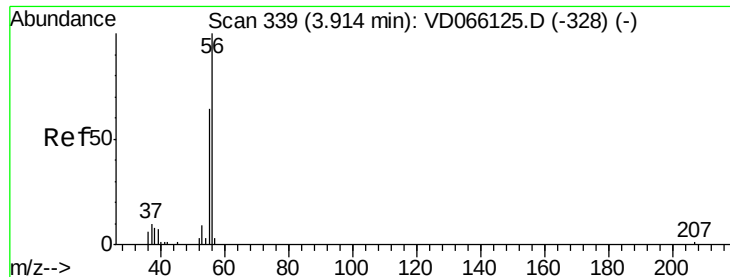
Tot Ion: 59 Resp: 49753
Ion Ratio Lower Upper
59 100
57 8.6 7.0 10.4



#12
1,1-Dichloroethene
Concen: 48.902 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 96 Resp: 135355
Ion Ratio Lower Upper
96 100
61 161.4 121.6 182.4
98 62.3 52.0 78.0





#13

Acrolein

Concen: 209.702 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

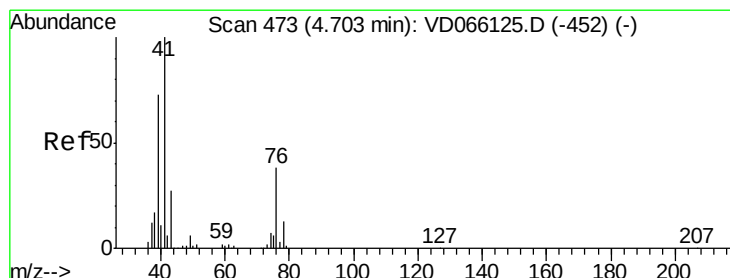
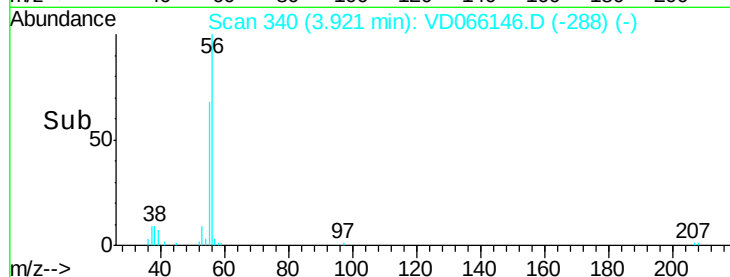
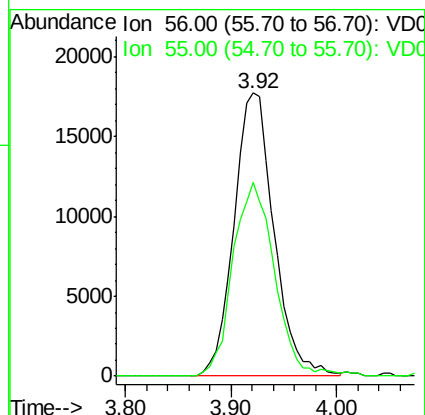
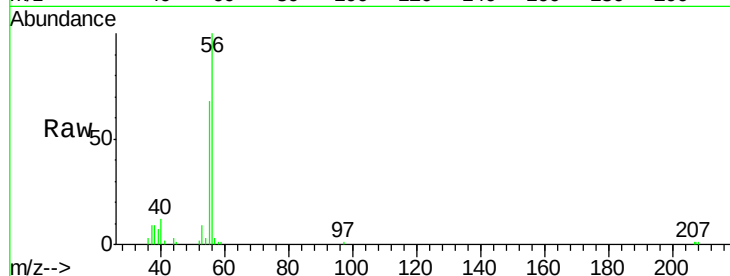
VSTDCCC050EC

Tot Ion: 56 Resp: 46542

Ion Ratio Lower Upper

56 100

55 70.1 56.7 85.1



#14

Allyl chloride

Concen: 55.011 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

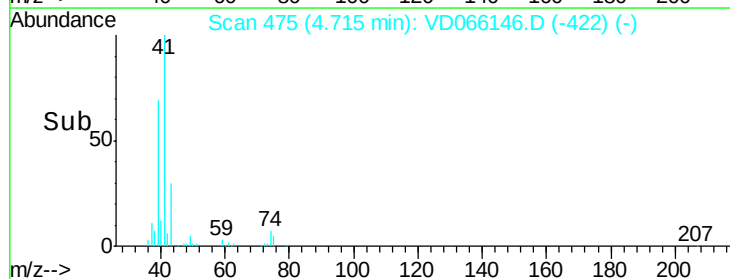
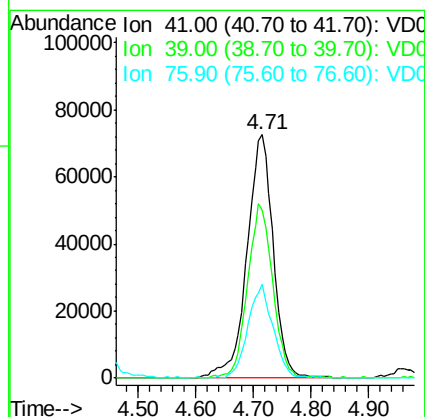
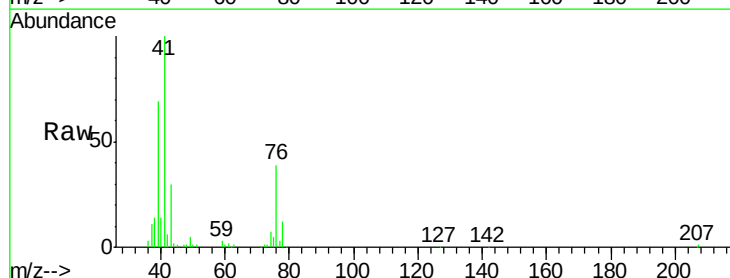
Tgt Ion: 41 Resp: 230674

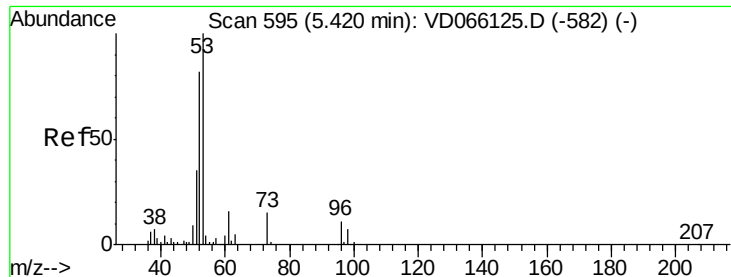
Ion Ratio Lower Upper

41 100

39 68.6 57.4 86.0

76 36.6 30.1 45.1





#15

Acrylonitrile

Concen: 272.045 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

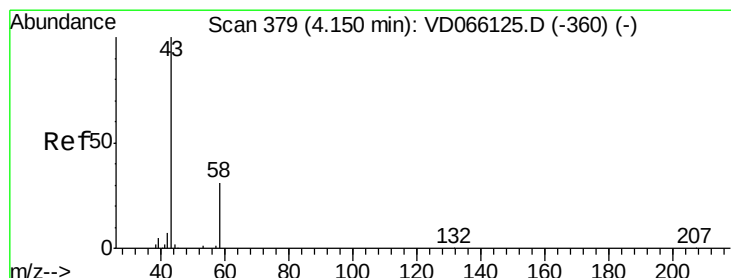
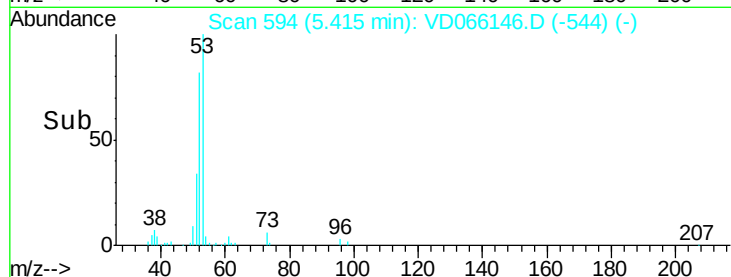
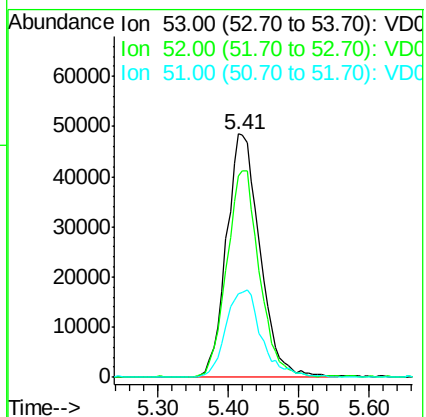
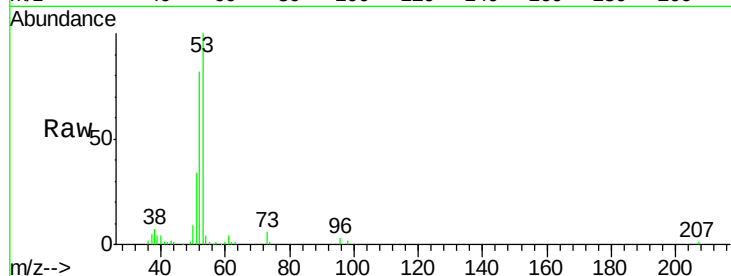
Tot Ion: 53 Resp: 159919

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

51 38.2 30.8 46.2



#16

Acetone

Concen: 227.541 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066146.D

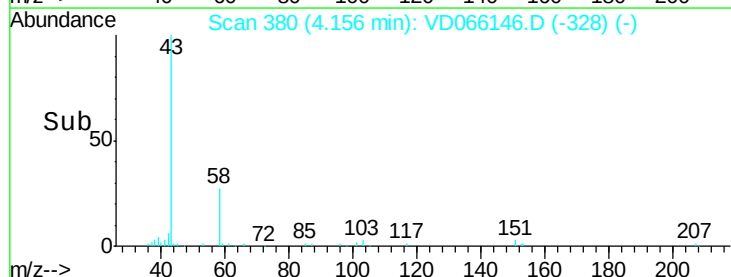
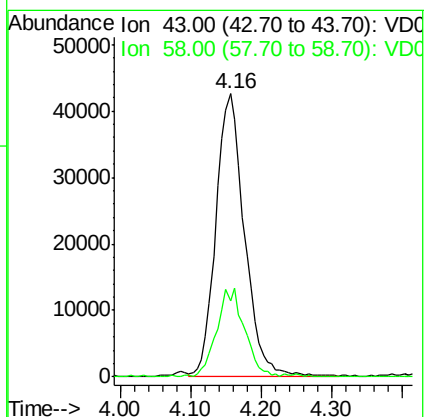
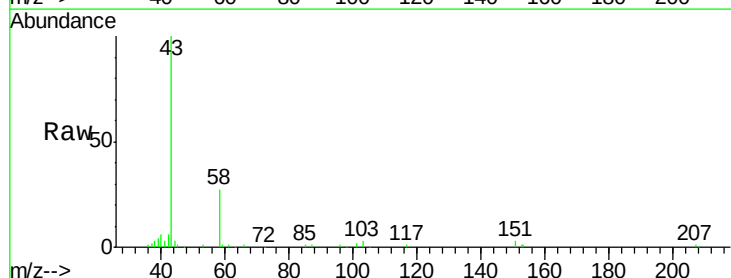
Acq: 06 Aug 2020 20:35

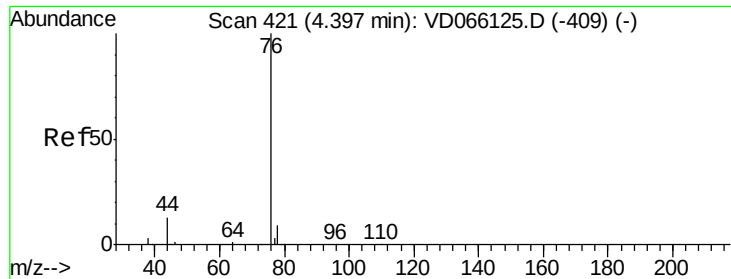
Tgt Ion: 43 Resp: 120383

Ion Ratio Lower Upper

43 100

58 27.1 24.7 37.1





#17

Carbon Disulfide

Concen: 49.426 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

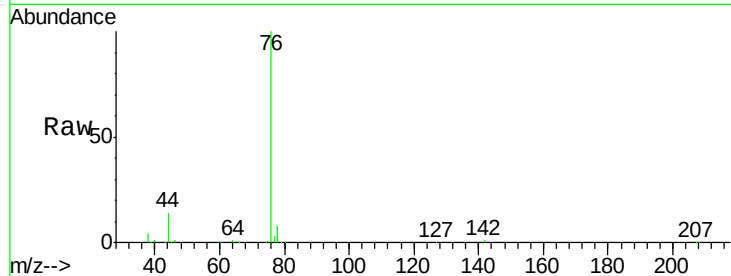
VSTDCCC050EC

Tot Ion: 76 Resp: 434977

Ion Ratio Lower Upper

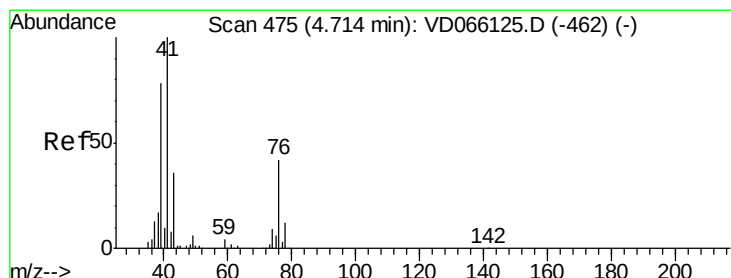
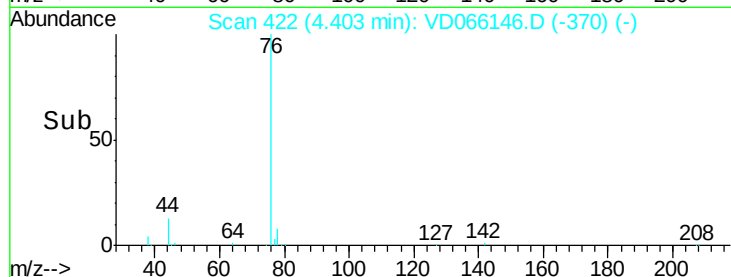
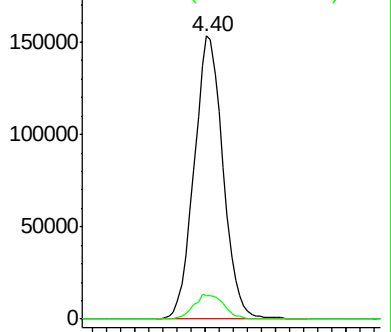
76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 52.370 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066146.D

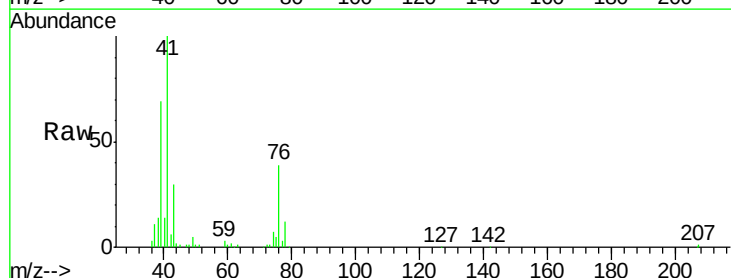
Acq: 06 Aug 2020 20:35

Tgt Ion: 43 Resp: 70376

Ion Ratio Lower Upper

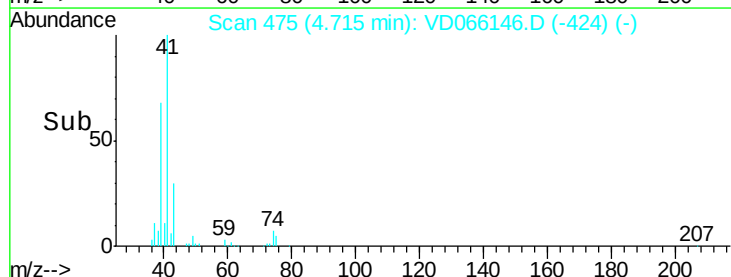
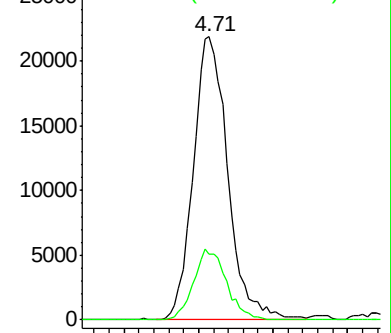
43 100

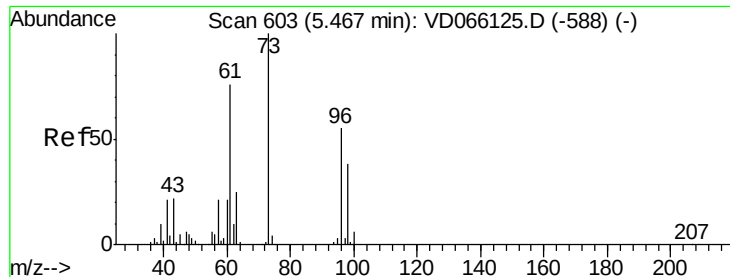
74 23.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

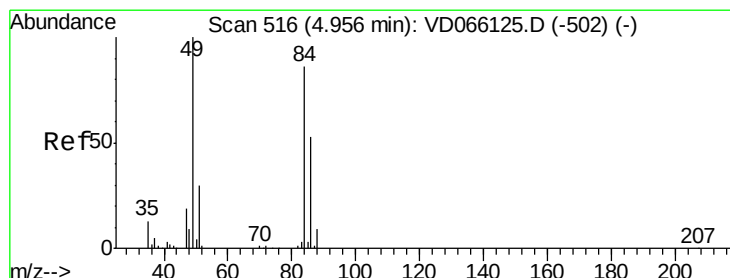
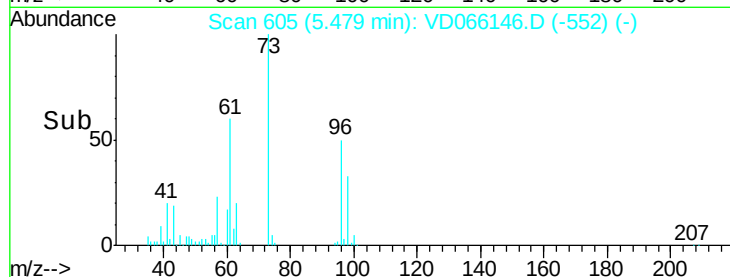
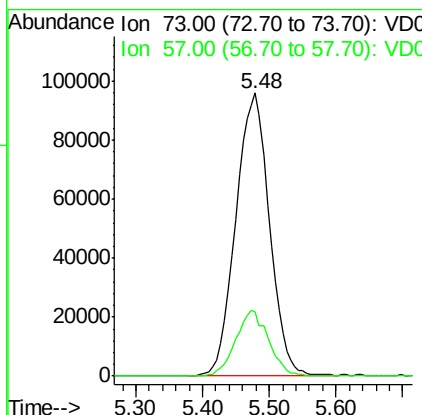
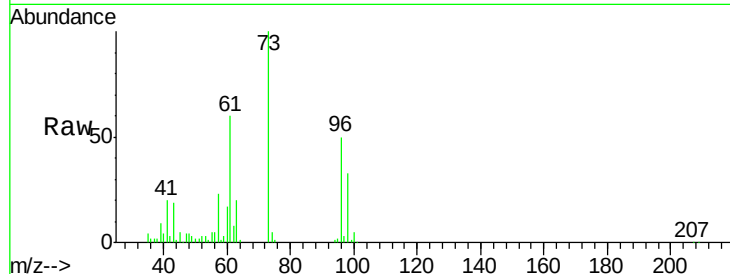




#19
Methyl tert-butyl Ether
Concen: 52.811 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

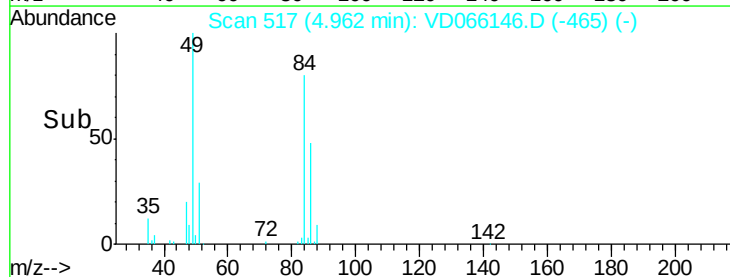
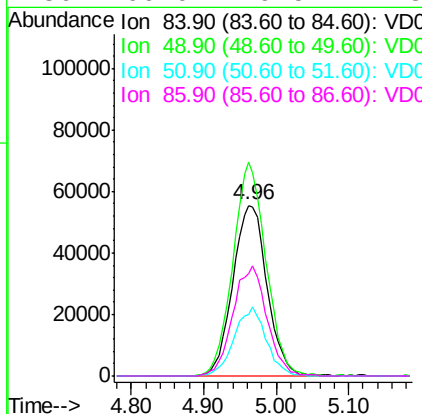
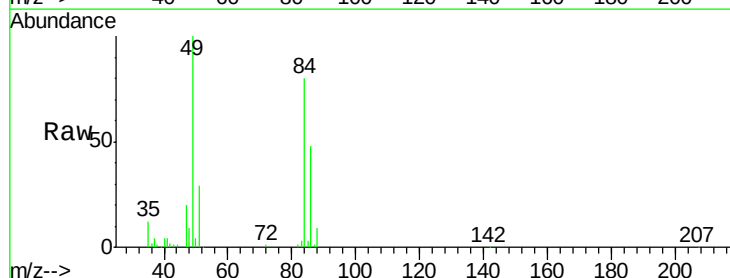
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

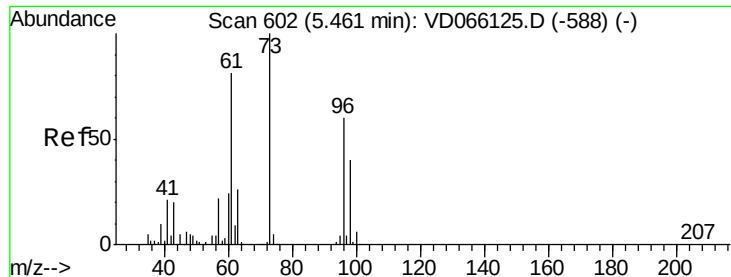
Tot Ion: 73 Resp: 335037
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 60.878 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 84 Resp: 181885
Ion Ratio Lower Upper
84 100
49 125.0 93.5 140.3
51 35.9 28.2 42.4
86 60.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 51.602 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

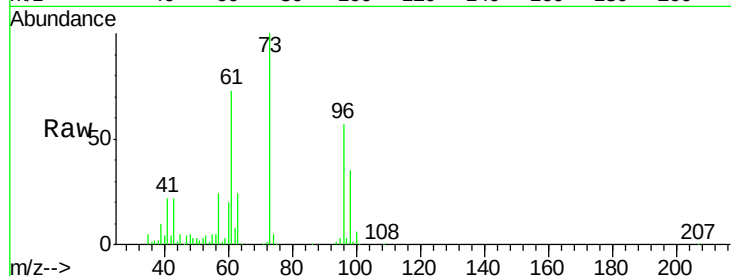
Tot Ion: 96 Resp: 164077

Ion Ratio Lower Upper

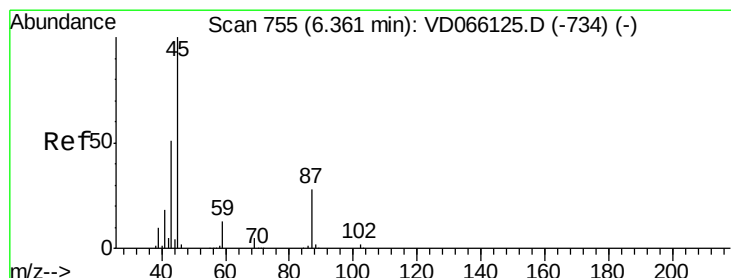
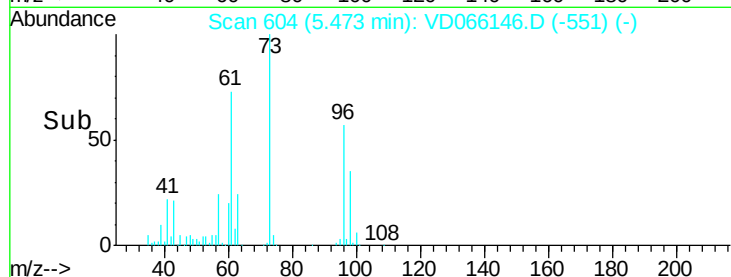
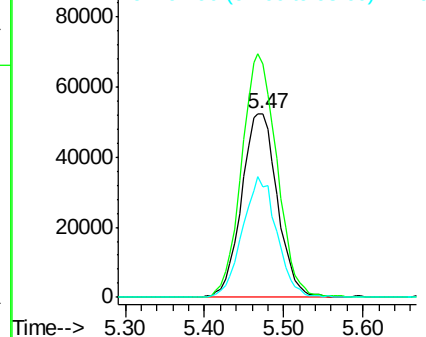
96 100

61 127.0 106.9 160.3

98 60.5 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: 56.782 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Tgt Ion: 45 Resp: 470843

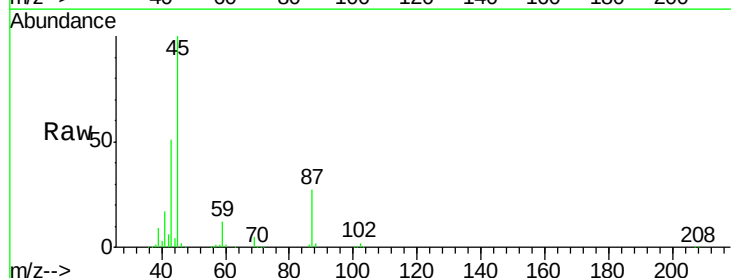
Ion Ratio Lower Upper

45 100

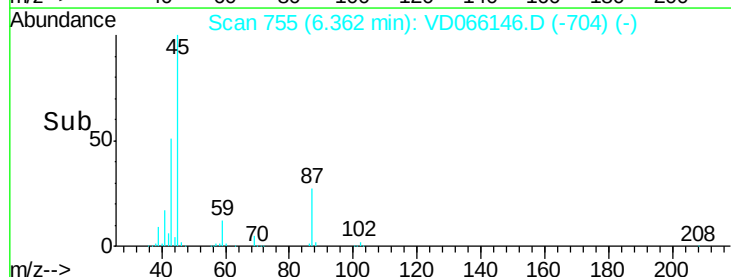
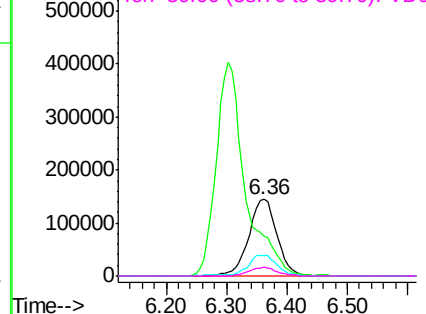
43 50.6 41.2 61.8

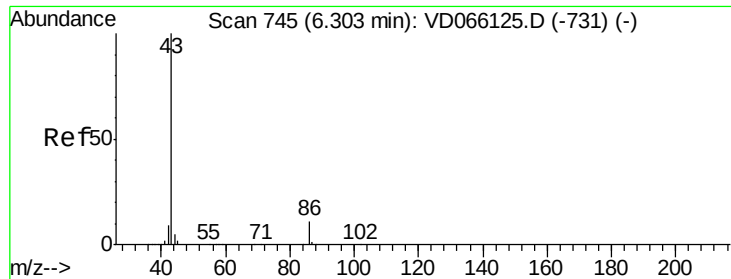
87 27.0 22.8 34.2

59 11.8 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: 277.893 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

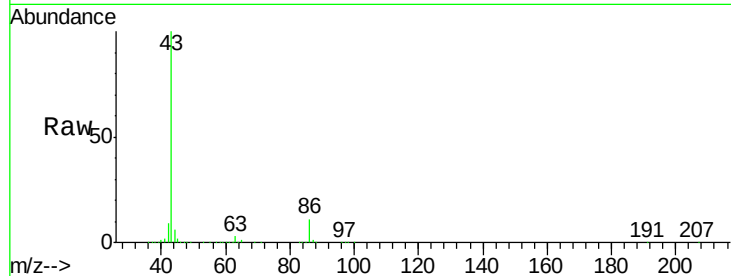
VSTDCCC050EC

Tot Ion: 43 Resp: 1349977

Ion Ratio Lower Upper

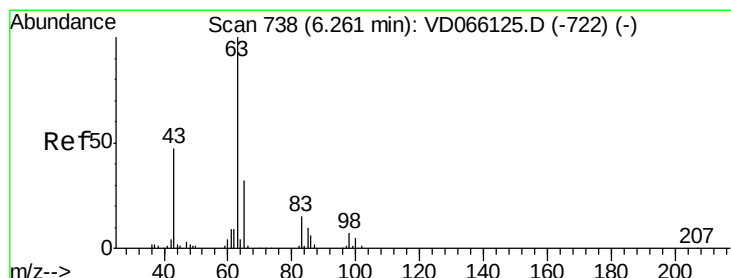
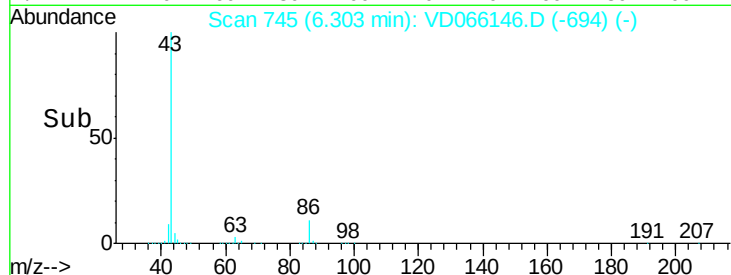
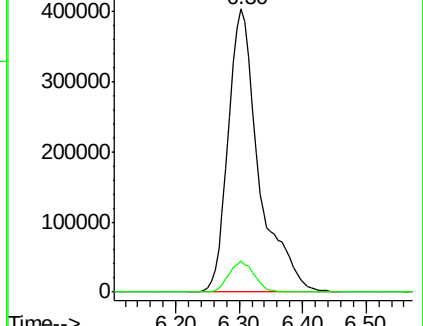
43 100

86 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 54.263 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

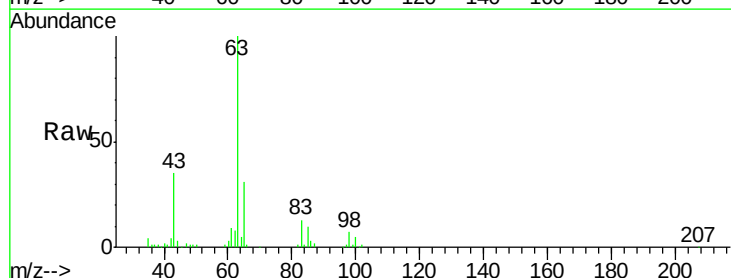
Tgt Ion: 63 Resp: 278462

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

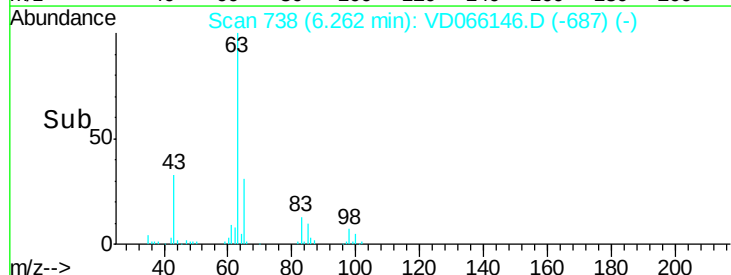
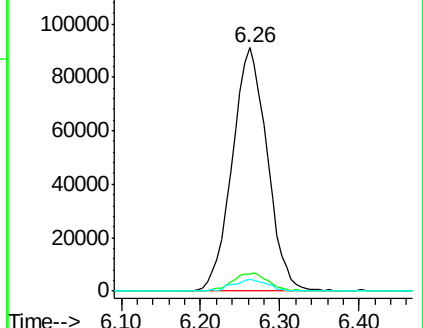
100 4.9 2.4 7.2

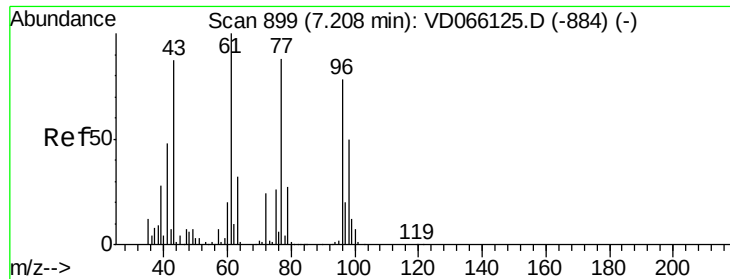


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 251.700 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

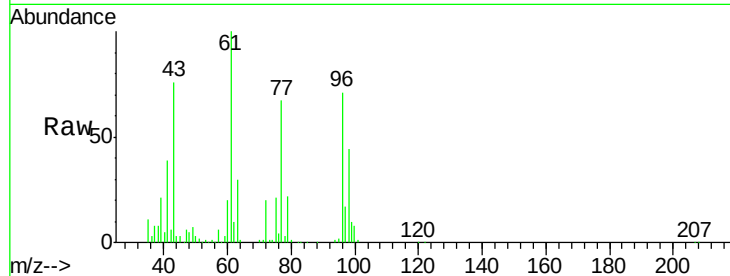
VSTDCCC050EC

Tot Ion: 43 Resp: 195860

Ion Ratio Lower Upper

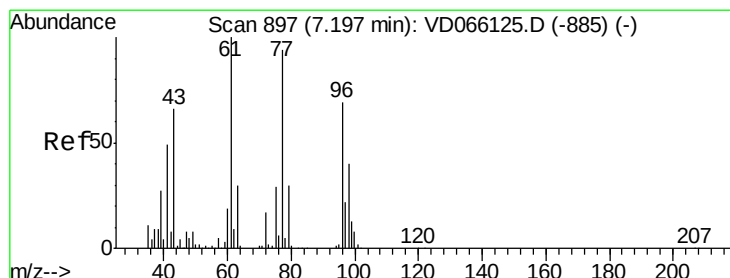
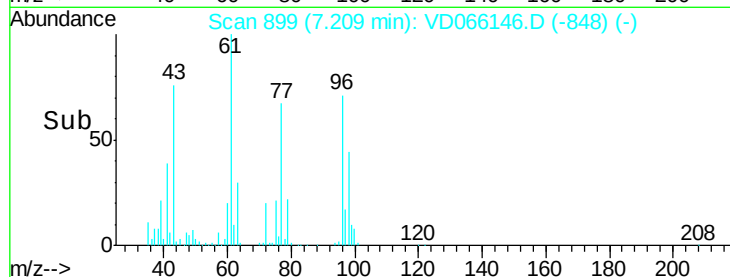
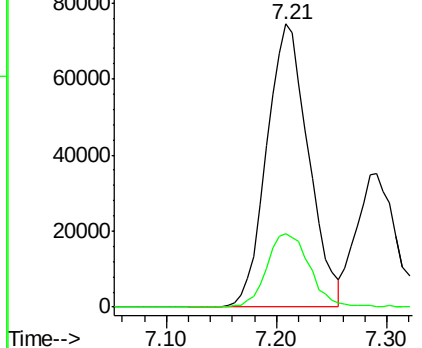
43 100

72 25.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 43.778 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066146.D

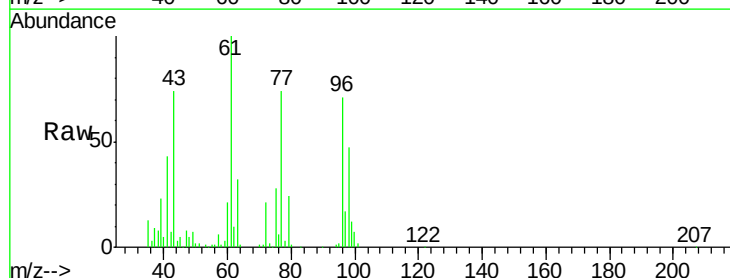
Acq: 06 Aug 2020 20:35

Tgt Ion: 77 Resp: 201356

Ion Ratio Lower Upper

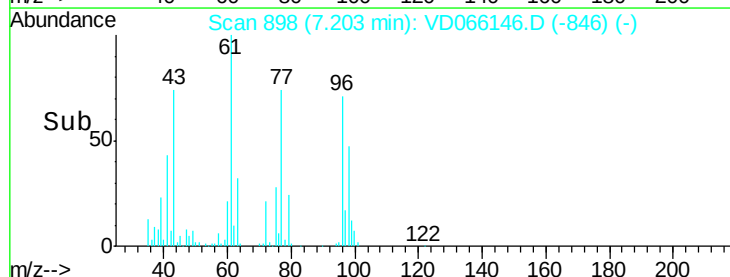
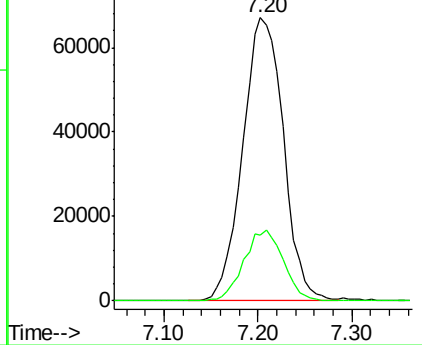
77 100

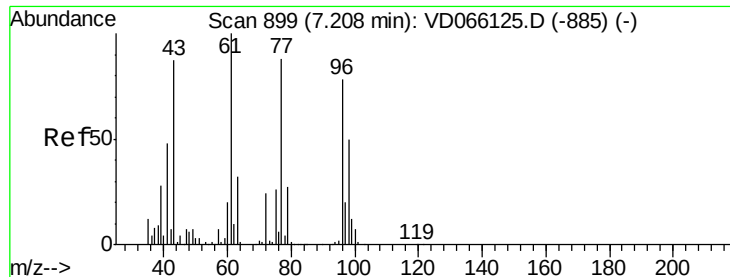
97 24.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

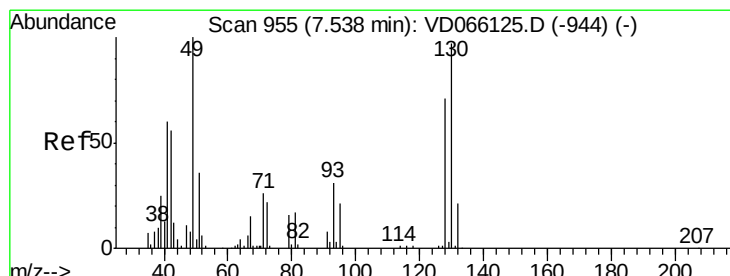
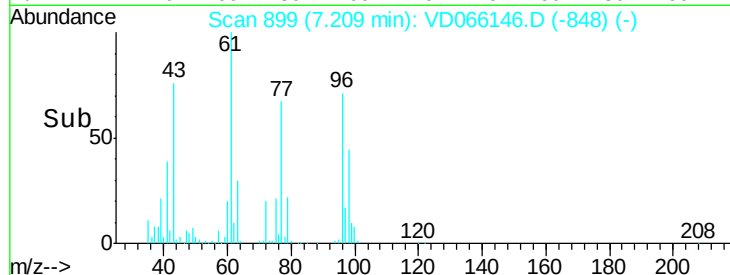
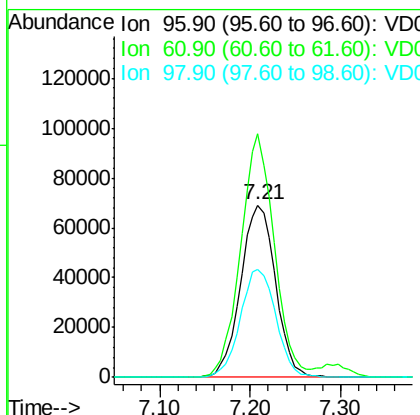
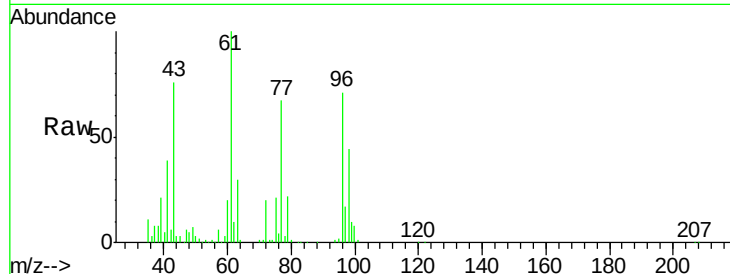




#27
 cis-1,2-Dichloroethene
 Concen: 55.567 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

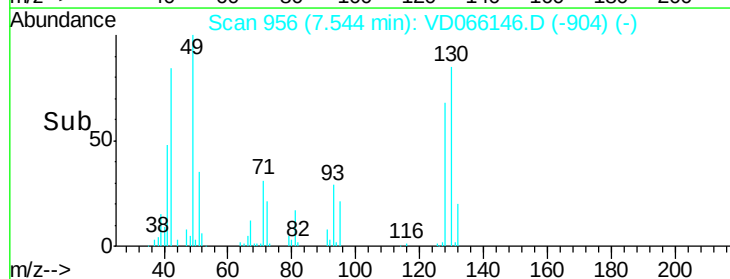
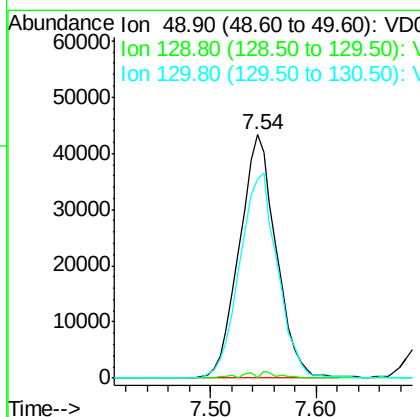
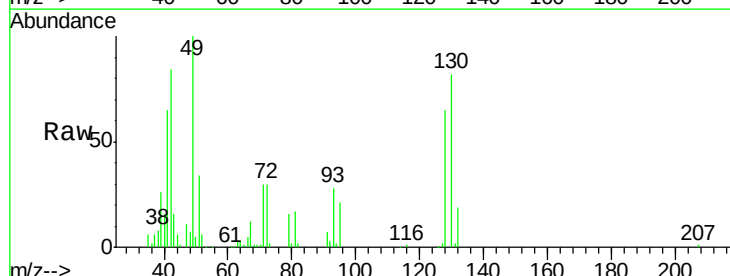
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

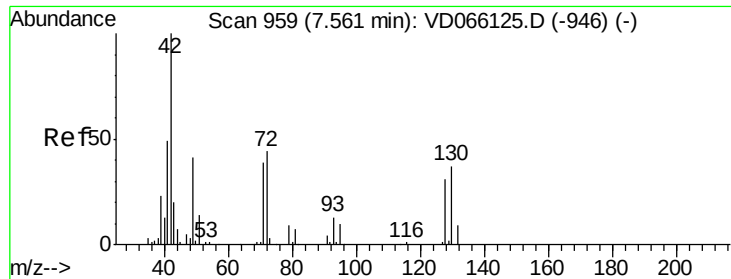
Tot Ion: 96 Resp: 185320
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 281.6
 98 64.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 58.201 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 49 Resp: 104902
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 6.0
 130 86.9 73.8 110.6

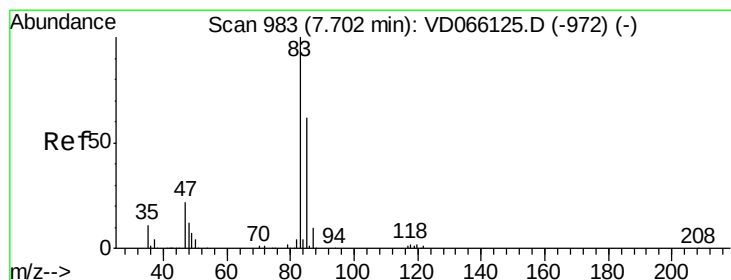
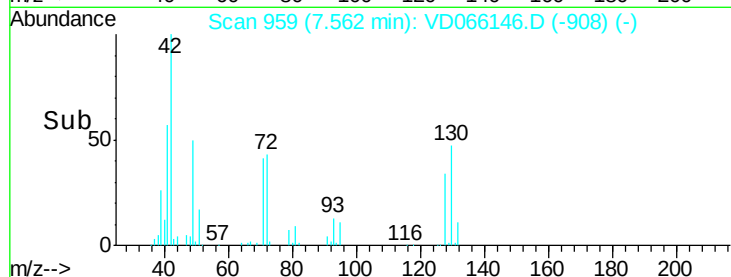
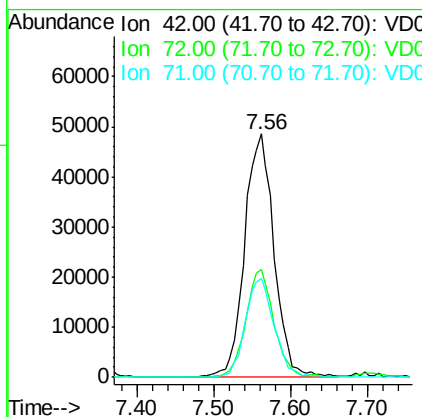
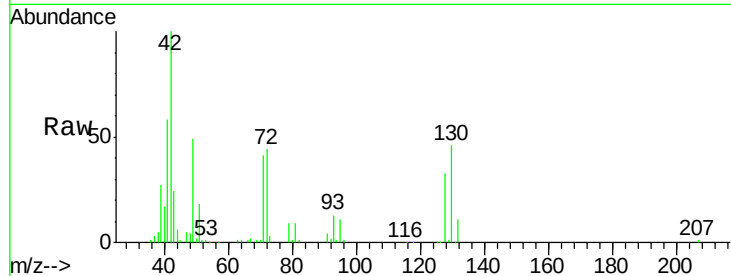




#29
Tetrahydrofuran
Concen: 270.281 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

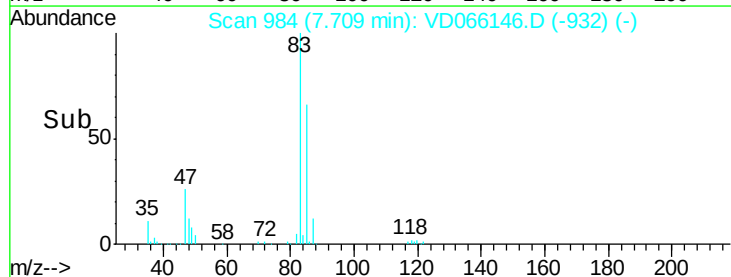
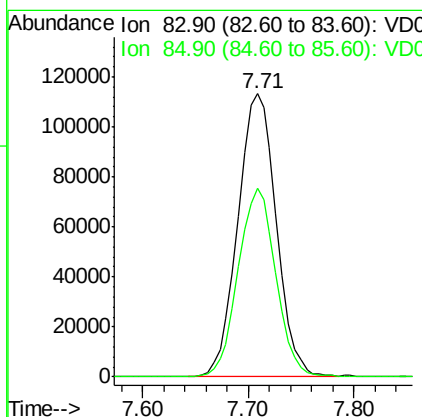
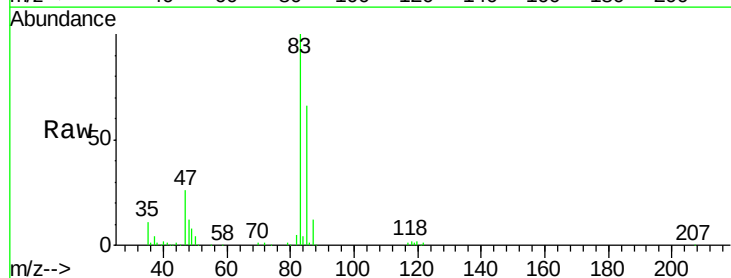
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

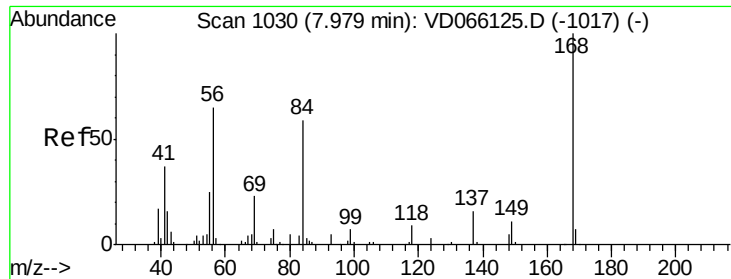
Tot Ion: 42 Resp: 130306
Ion Ratio Lower Upper
42 100
72 41.9 34.8 52.2
71 39.8 33.5 50.3



#30
Chloroform
Concen: 53.114 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 83 Resp: 286202
Ion Ratio Lower Upper
83 100
85 66.4 49.5 74.3

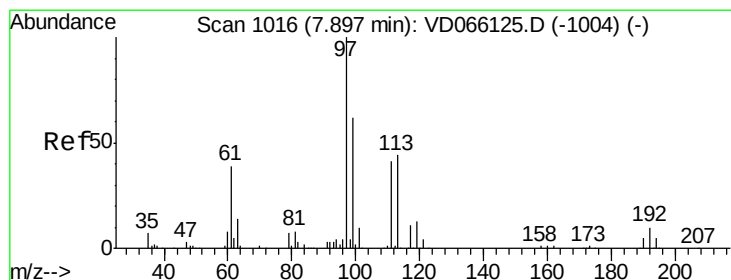
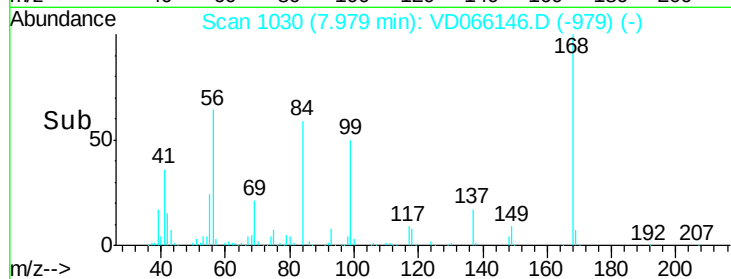
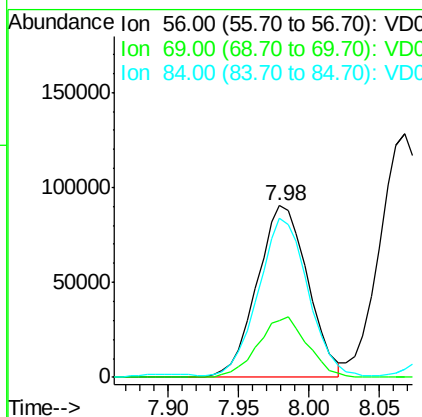
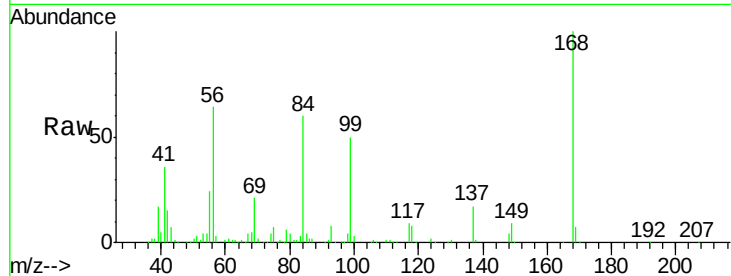




#31
Cyclohexane
Concen: 46.552 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

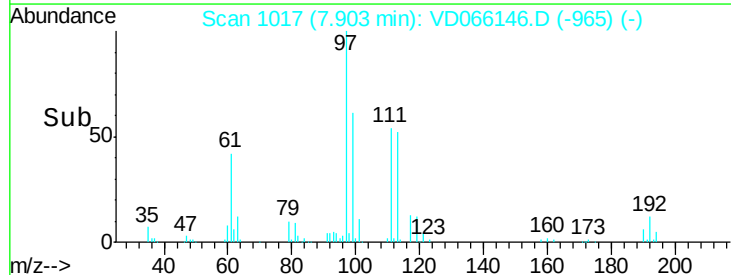
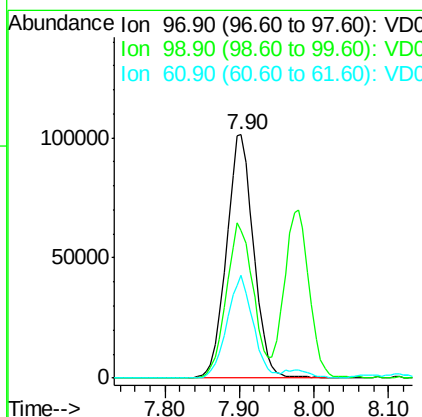
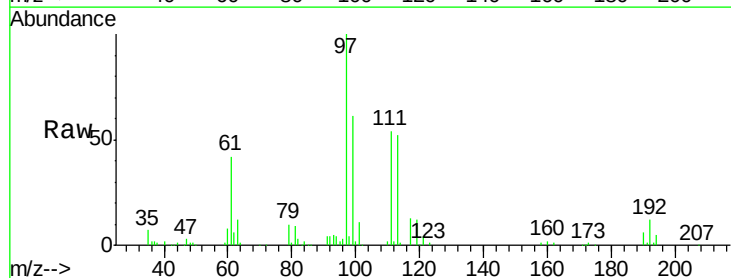
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

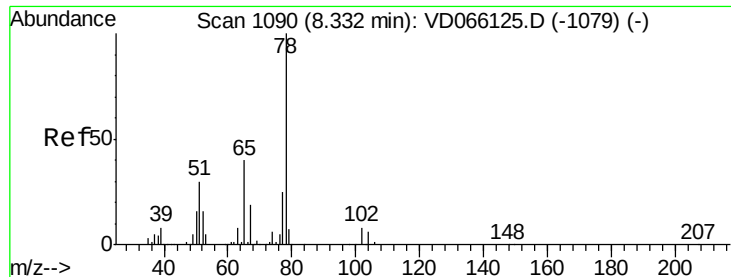
Tot Ion: 56 Resp: 227402
Ion Ratio Lower Upper
56 100
69 33.2 28.8 43.2
84 91.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.627 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 97 Resp: 255783
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 40.8 32.7 49.1

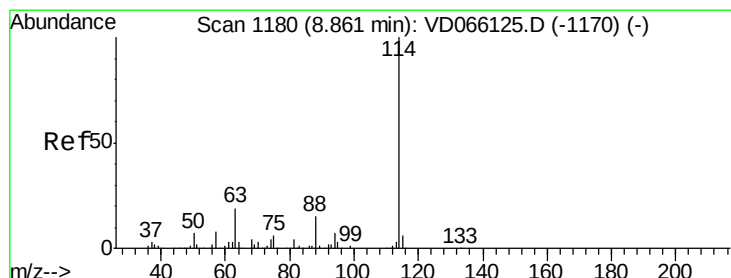
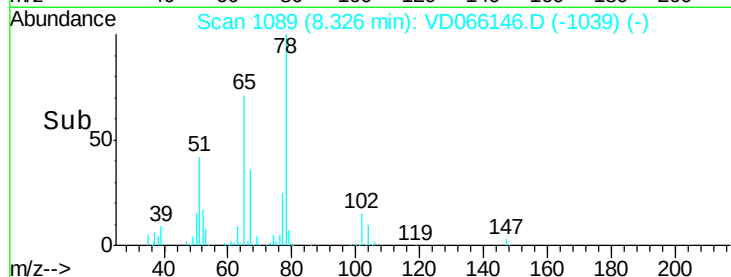
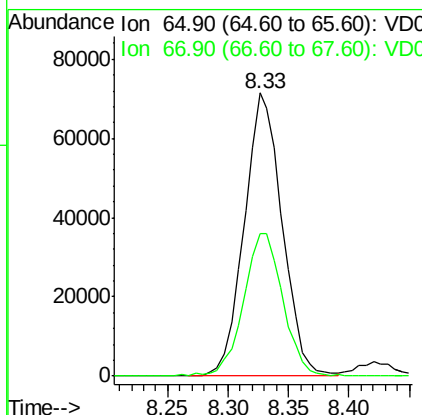
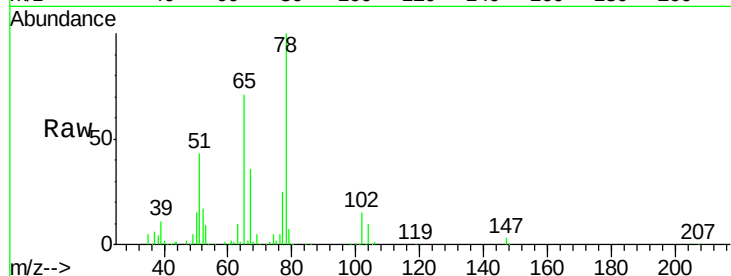




#33
 1,2-Dichloroethane-d4
 Concen: 55.885 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

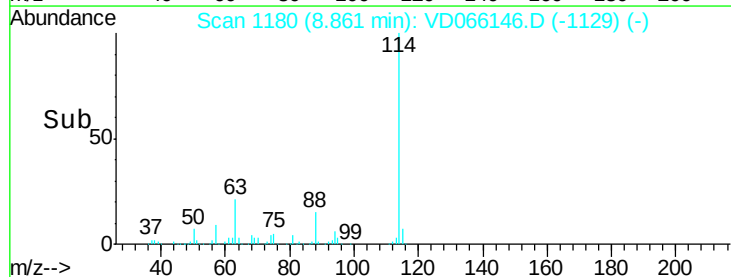
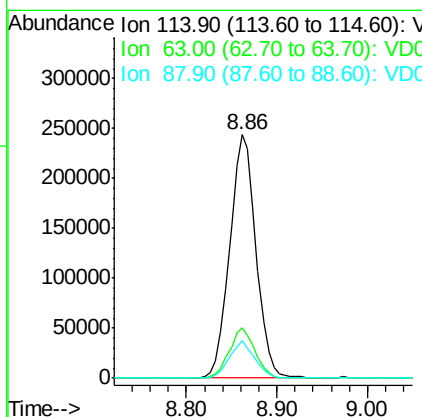
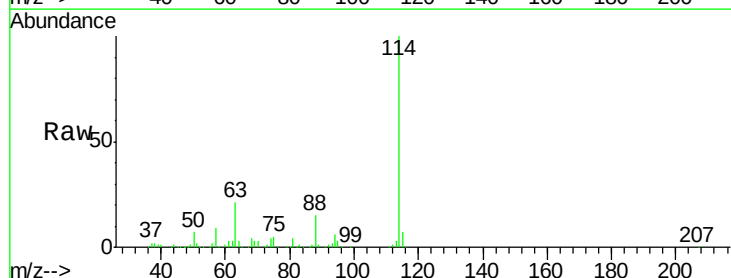
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

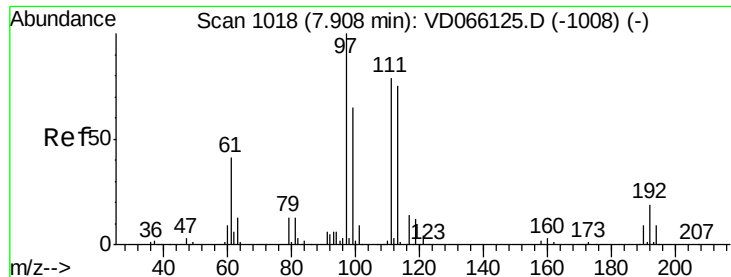
Tot Ion: 65 Resp: 155824
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 114 Resp: 490759
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.6
 88 15.2 0.0 30.0

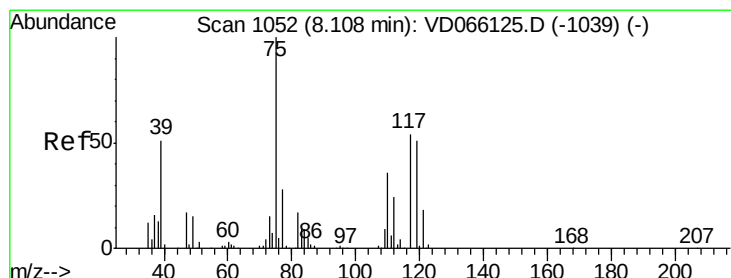
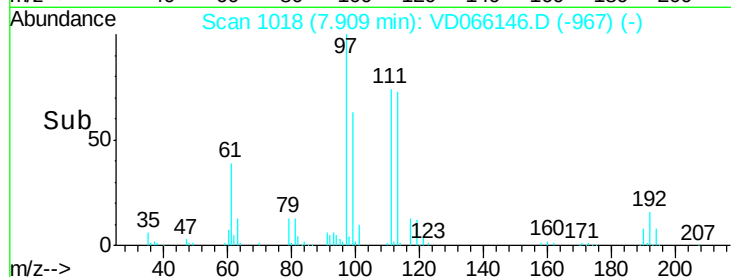
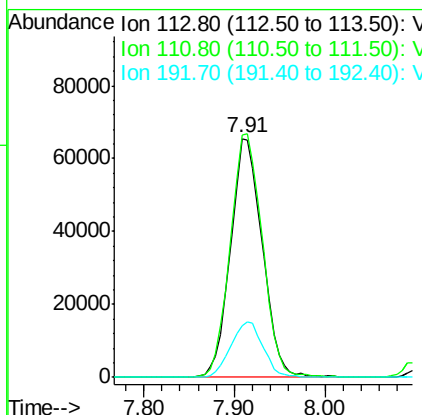
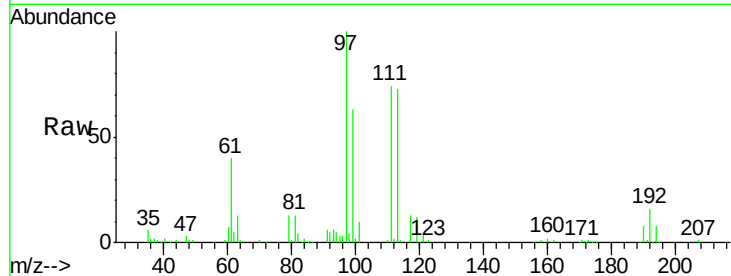




#35
 Dibromofluoromethane
 Concen: 51.452 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

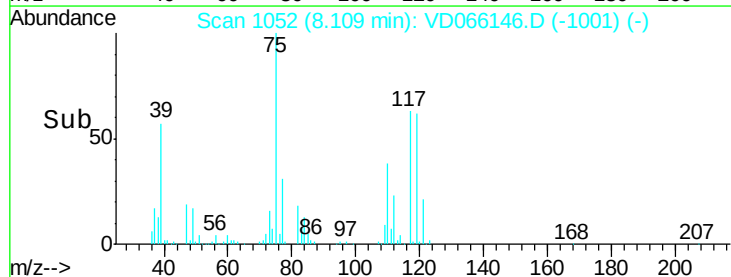
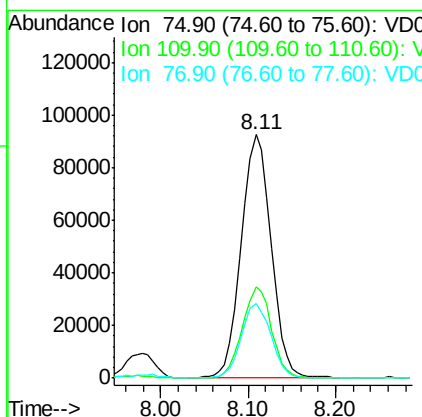
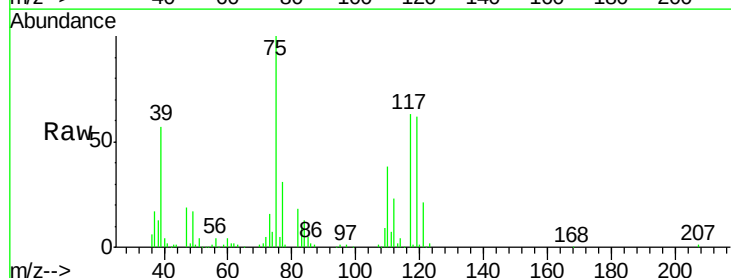
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

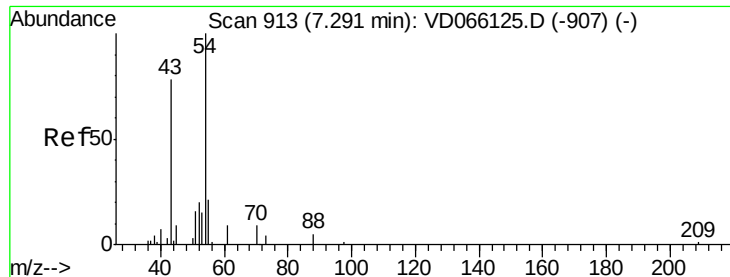
Tot Ion:113 Resp: 159961
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 23.4 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 46.314 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 75 Resp: 213582
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.8 56.3
 77 30.9 24.2 36.2

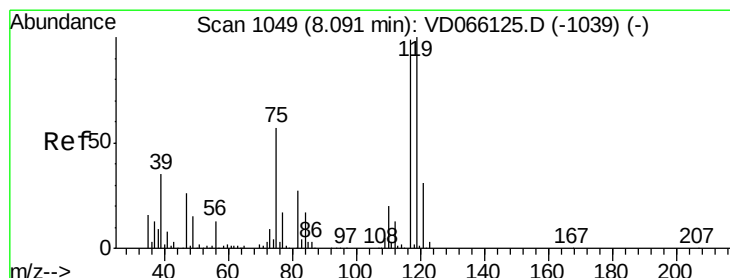
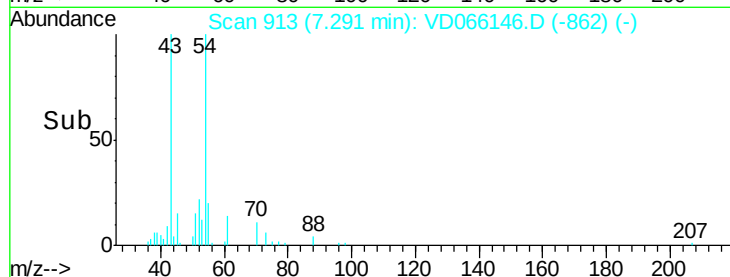
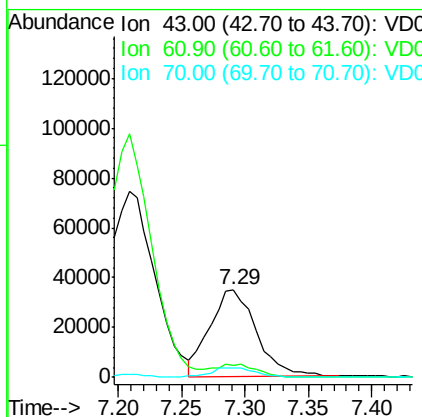
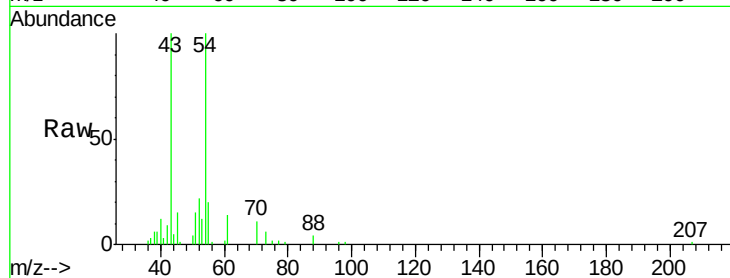




#37
Ethyl Acetate
Concen: 48.371 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

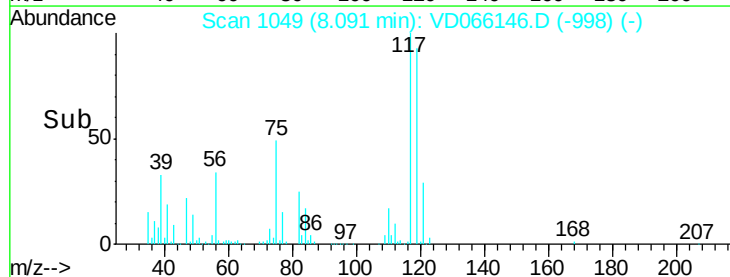
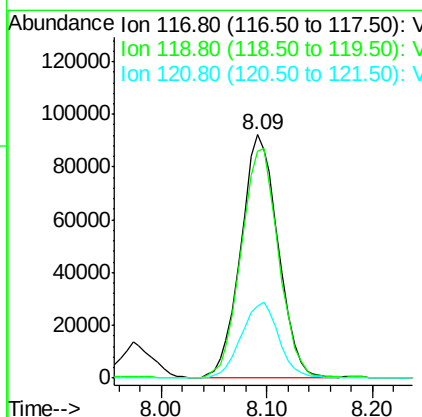
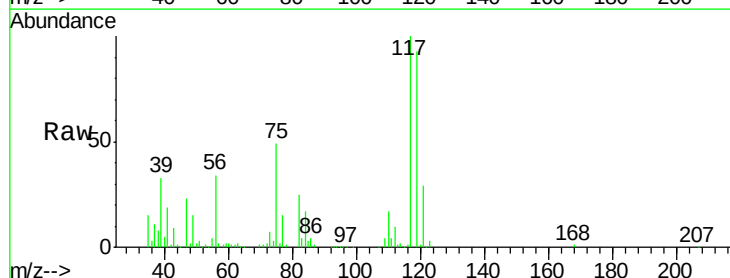
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

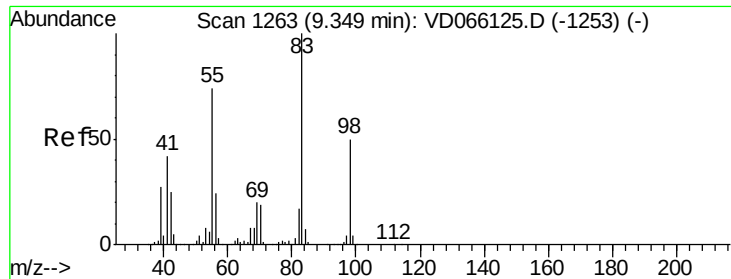
Tot Ion: 43 Resp: 88384
Ion Ratio Lower Upper
43 100
61 13.3 12.0 18.0
70 10.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 43.881 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 117 Resp: 225665
Ion Ratio Lower Upper
117 100
119 93.4 81.0 121.4
121 29.4 24.8 37.2

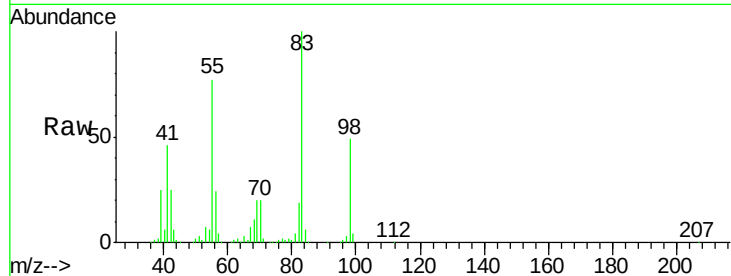




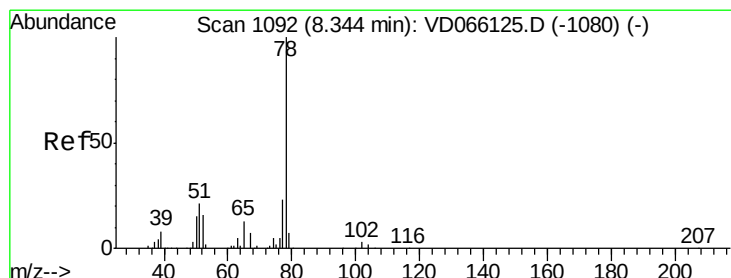
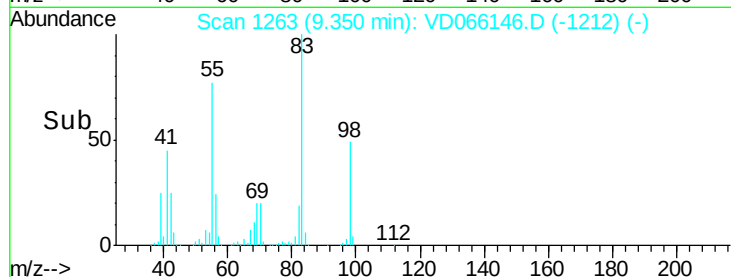
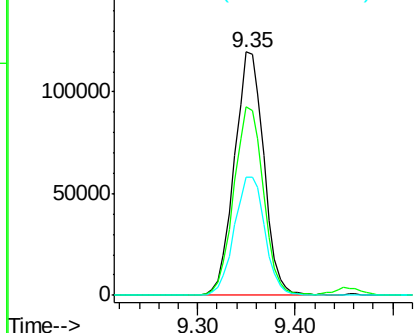
#39
Methylvlcyclohexane
Concen: 45.201 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 251982
Ion Ratio Lower Upper
83 100
55 77.5 59.2 88.8
98 48.8 39.8 59.6

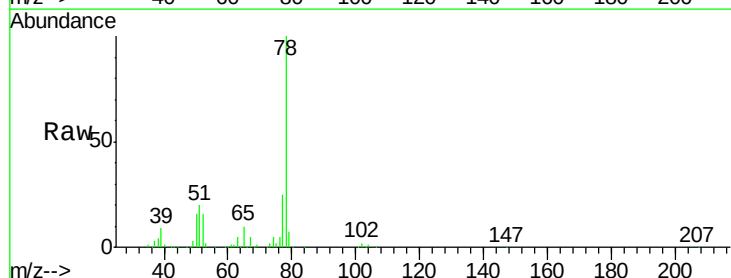


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

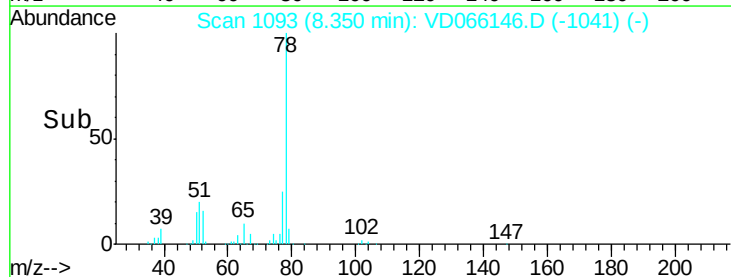
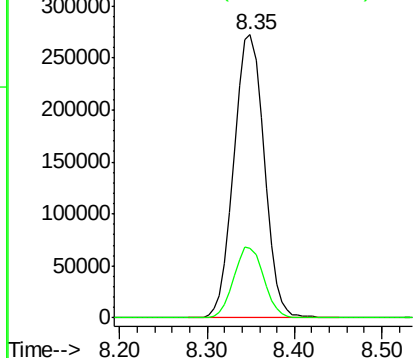


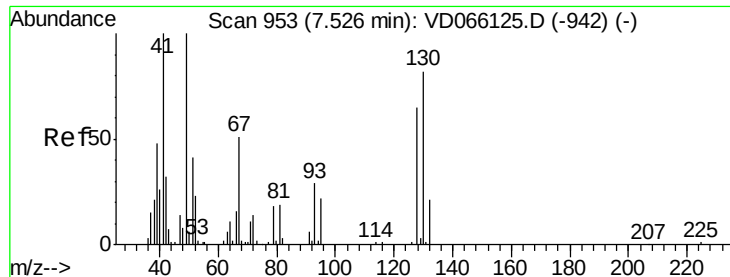
#40
Benzene
Concen: 50.113 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 78 Resp: 641104
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8



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

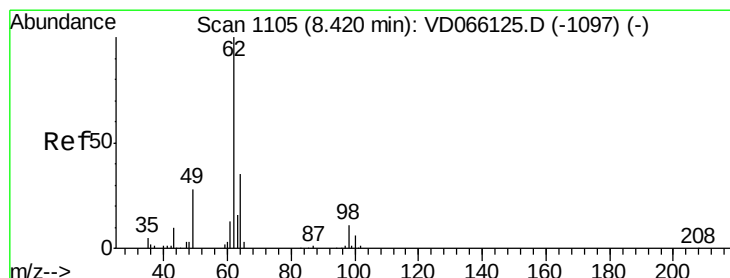
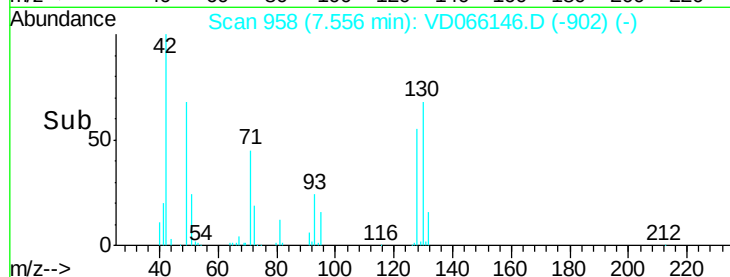
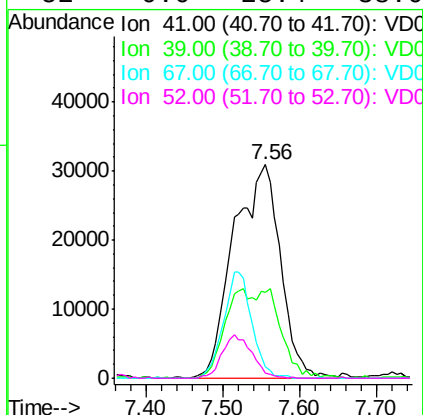
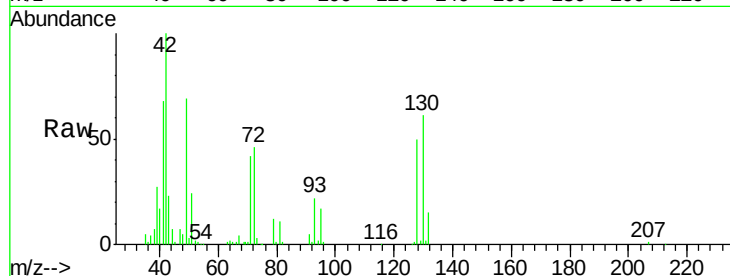




#41
Methacrylonitrile
Concen: 121.855 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

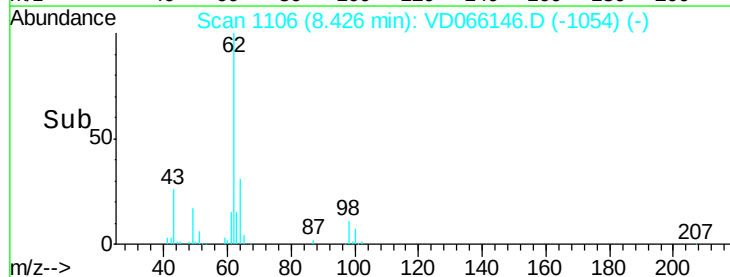
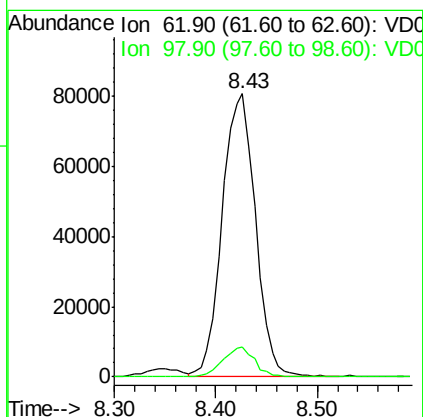
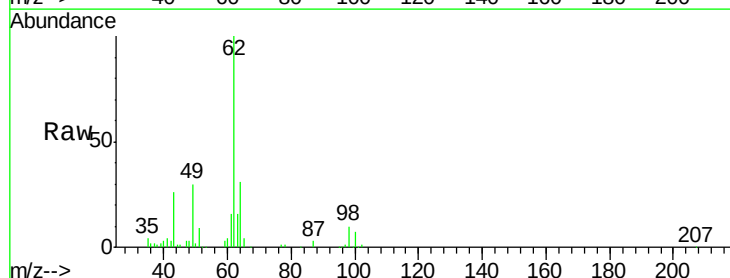
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

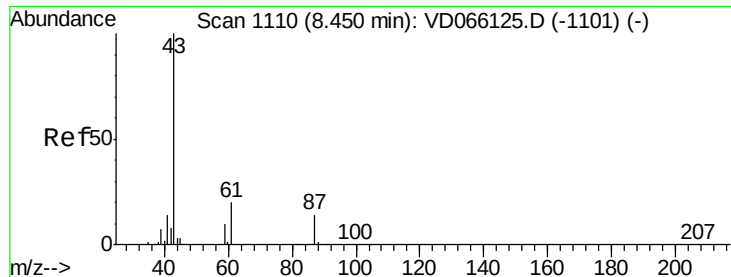
Tot Ion: 41 Resp: 130913
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3#
67 0.0 59.1 88.7#
52 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 48.772 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 62 Resp: 183298
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 50.691 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

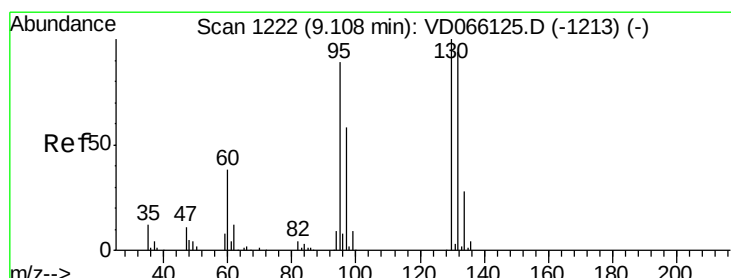
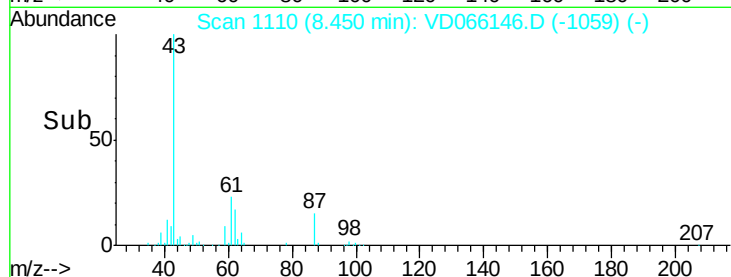
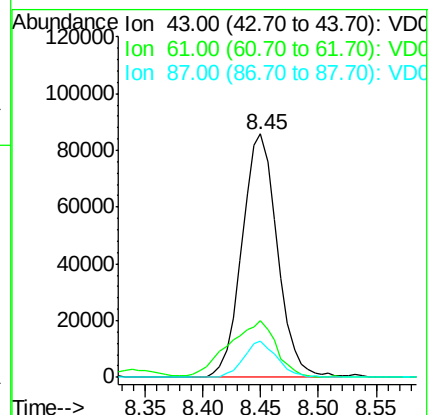
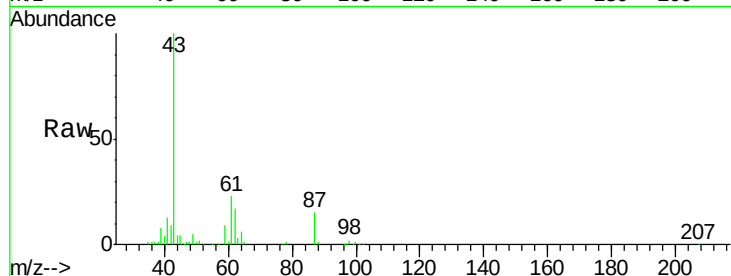
Tot Ion: 43 Resp: 182492

Ion Ratio Lower Upper

43 100

61 30.9 25.5 38.3

87 14.1 11.2 16.8



#44

Trichloroethene

Concen: 47.875 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066146.D

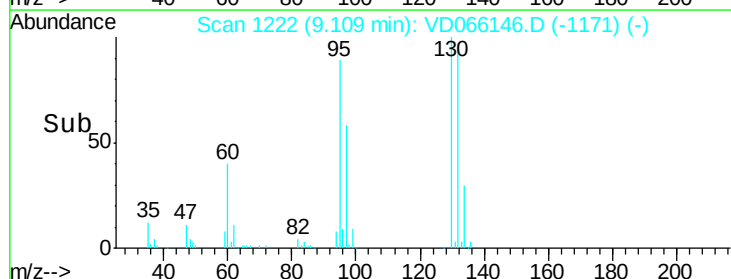
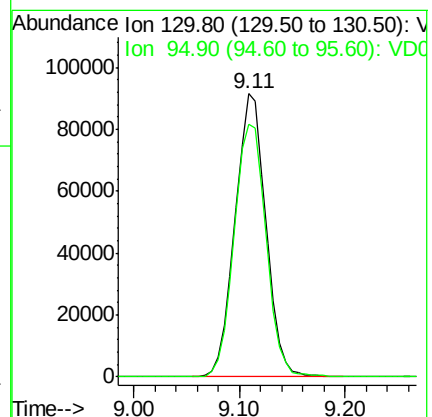
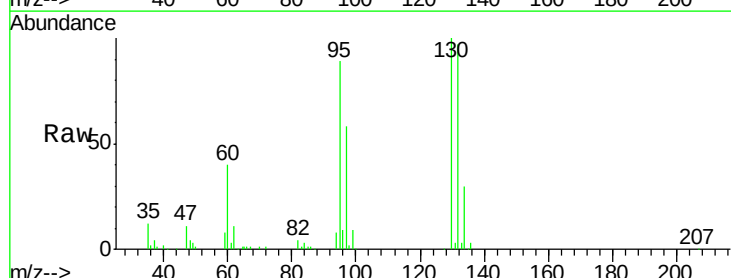
Acq: 06 Aug 2020 20:35

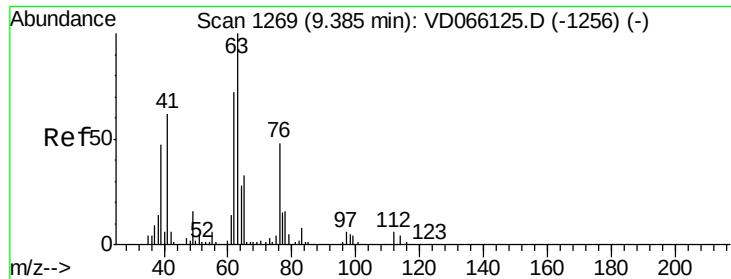
Tgt Ion:130 Resp: 184559

Ion Ratio Lower Upper

130 100

95 89.3 0.0 178.4

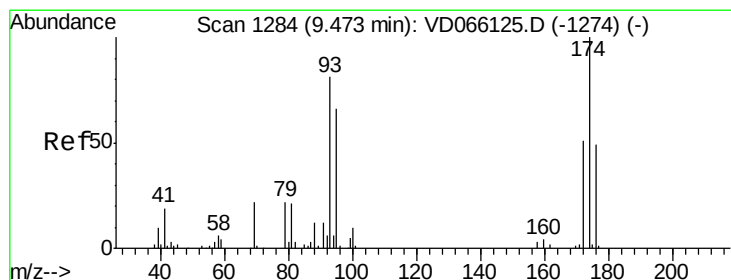
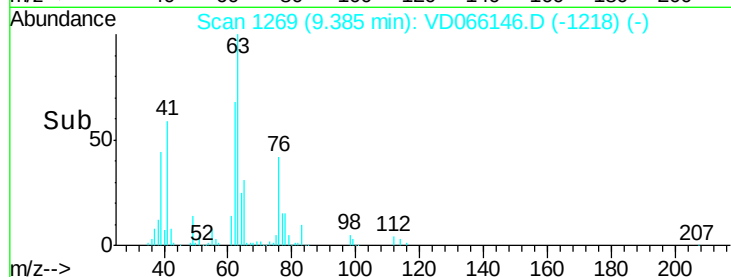
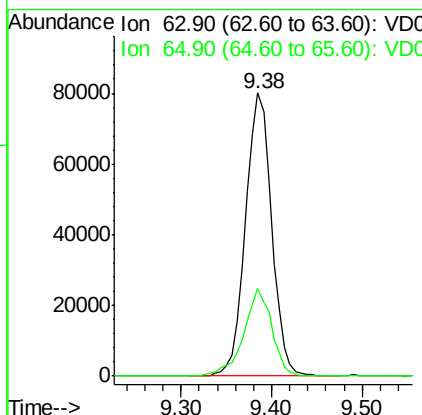
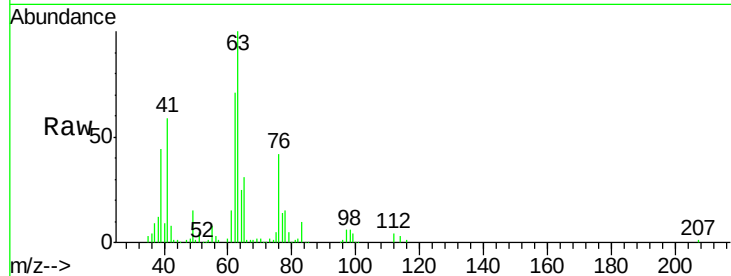




#45
 1,2-Dichloropropane
 Concen: 51.278 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

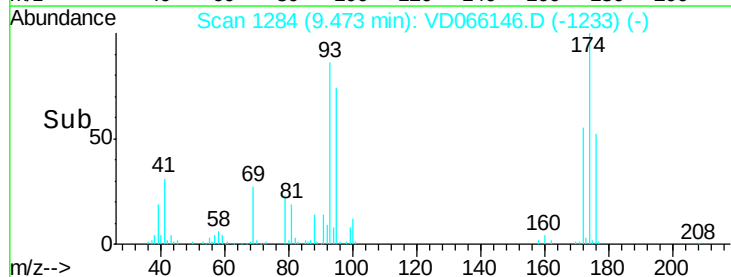
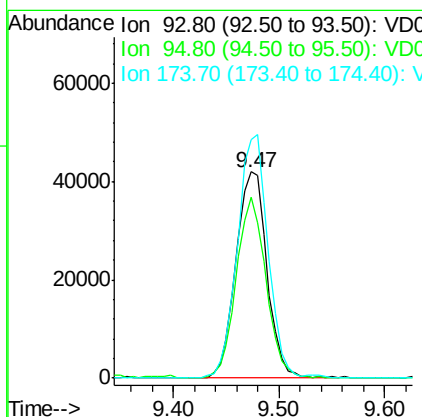
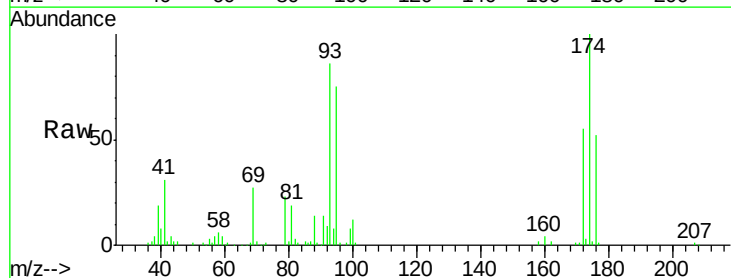
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

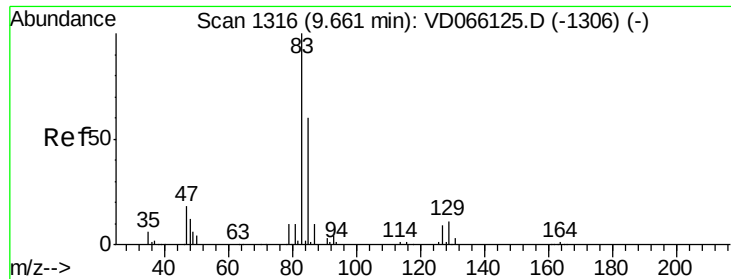
Tot Ion: 63 Resp: 160442
 Ion Ratio Lower Upper
 63 100
 65 31.1 26.5 39.7



#46
 Dibromomethane
 Concen: 49.554 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 93 Resp: 85404
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.8 98.6
 174 116.1 92.8 139.2





#47

Bromodichloromethane

Concen: 49.072 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

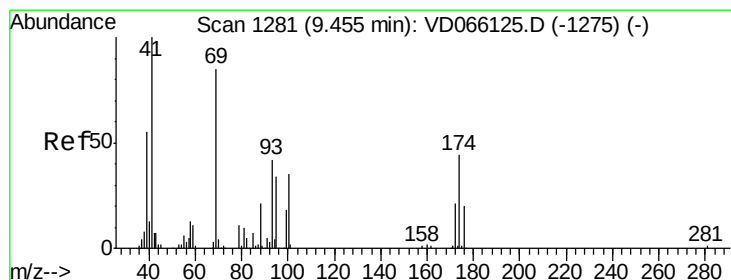
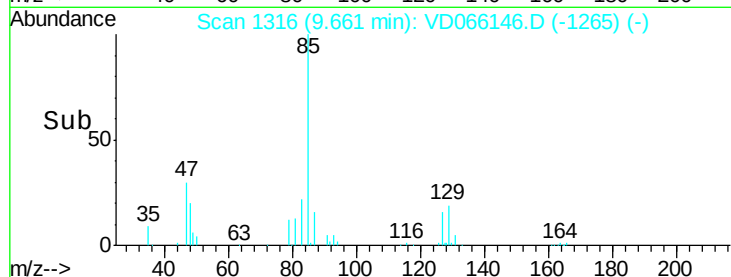
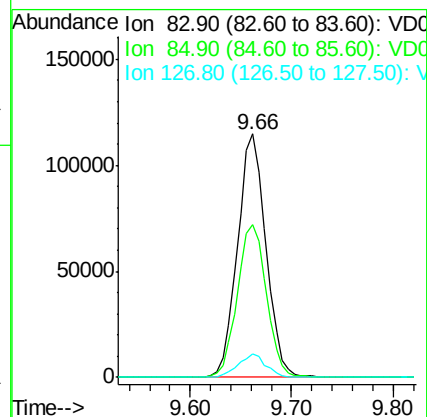
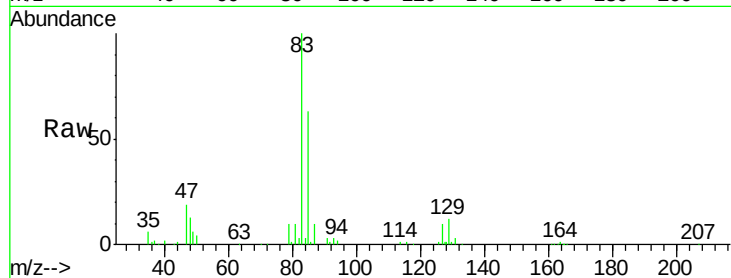
Tot Ion: 83 Resp: 223523

Ion Ratio Lower Upper

83 100

85 62.9 48.2 72.4

127 9.8 7.3 10.9



#48

Methyl methacrylate

Concen: 49.183 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

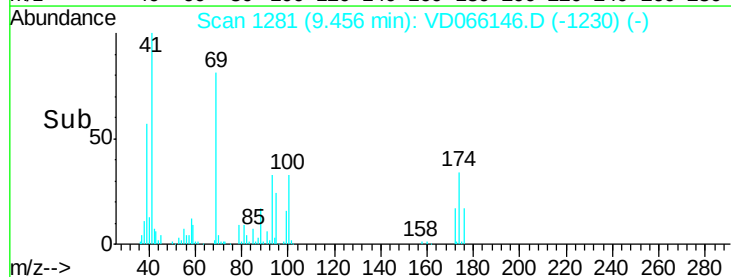
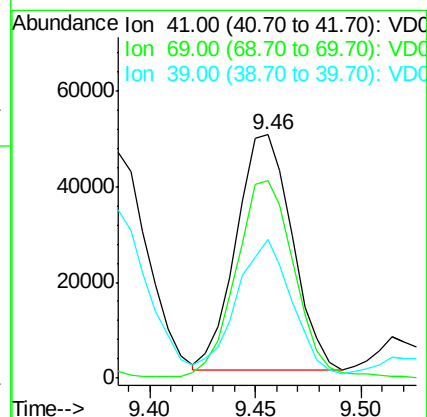
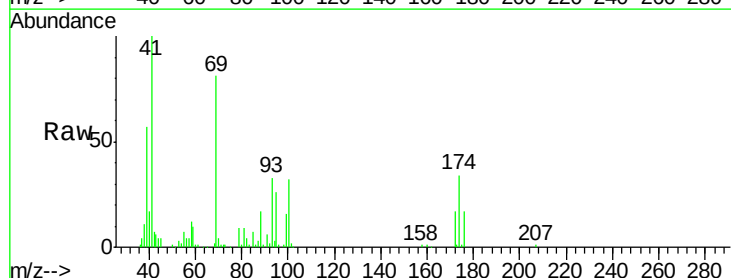
Tgt Ion: 41 Resp: 90412

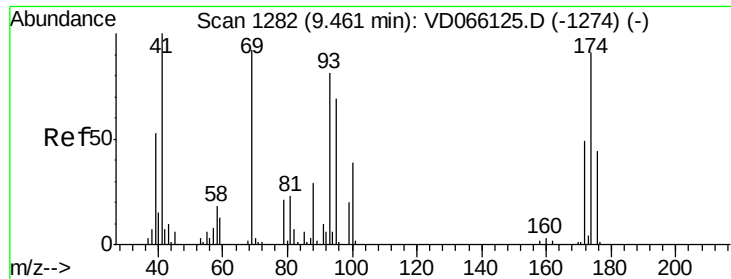
Ion Ratio Lower Upper

41 100

69 87.2 63.9 95.9

39 55.4 42.6 64.0

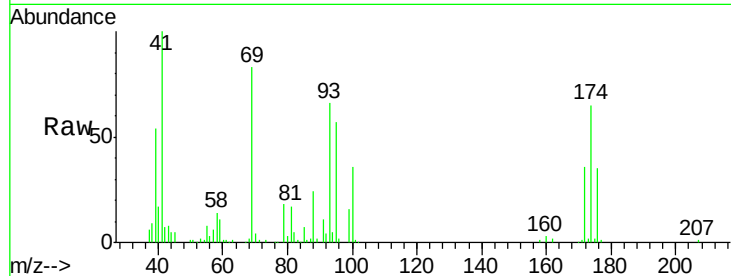




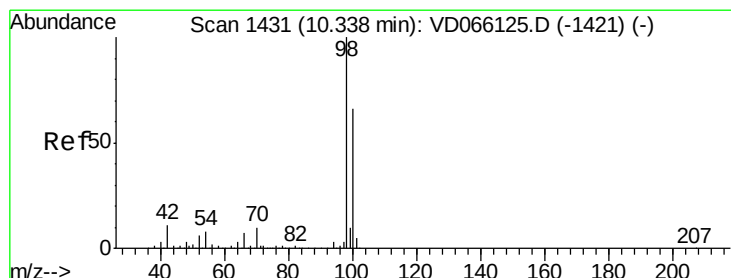
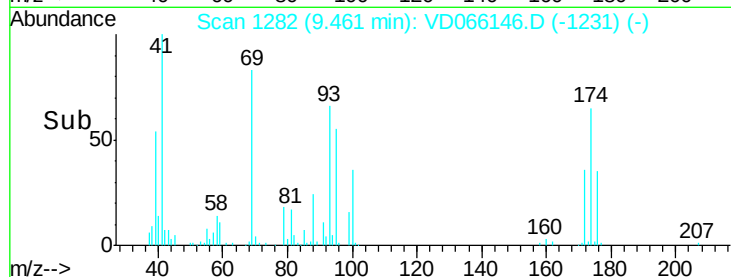
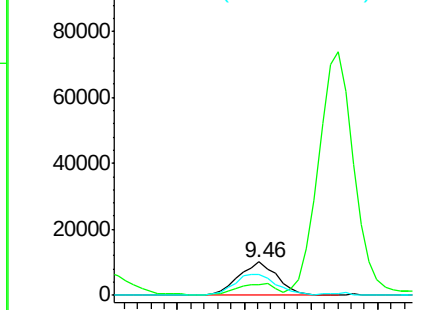
#49
1,4-Dioxane
Concen: 925.662 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 20496
Ion Ratio Lower Upper
88 100
43 32.6 27.5 41.3
58 68.2 50.2 75.4

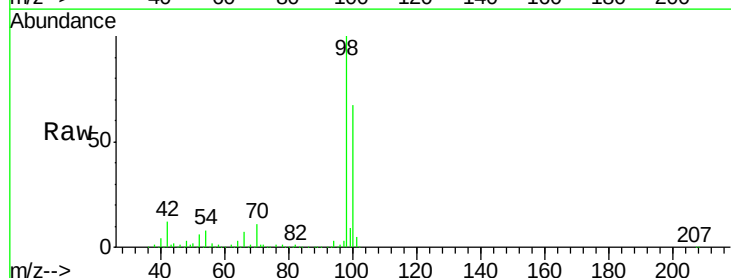


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

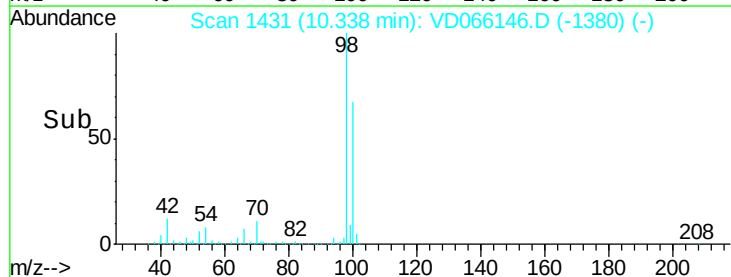
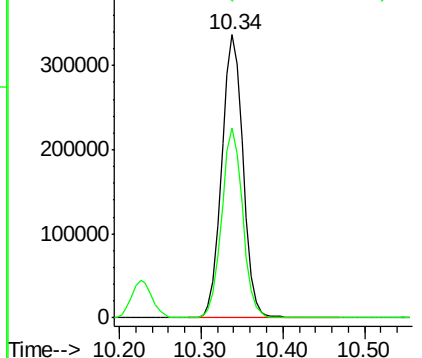


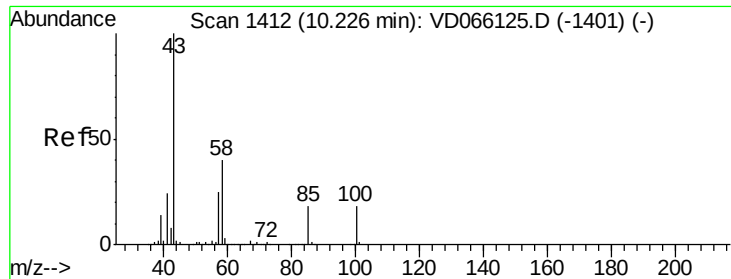
#50
Toluene-d8
Concen: 53.116 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 98 Resp: 609379
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 251.738 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

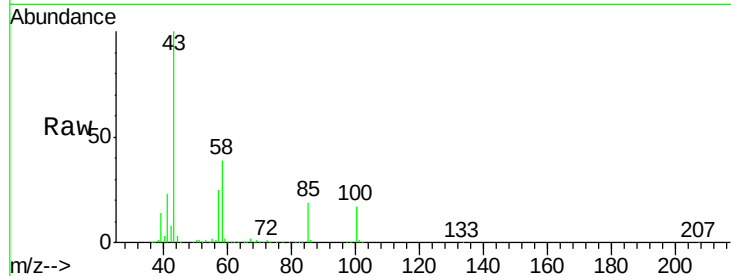
VSTDCCC050EC

Tot Ion: 43 Resp: 465522

Ion Ratio Lower Upper

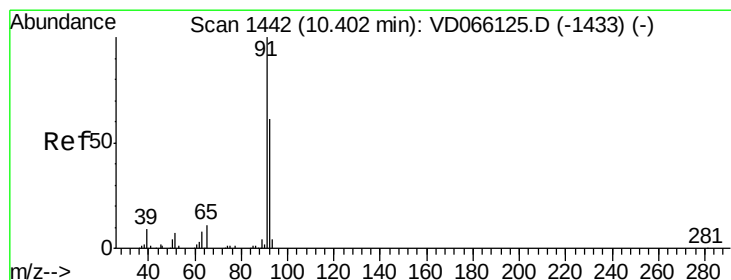
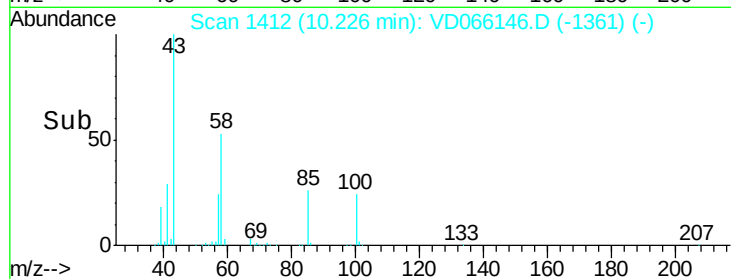
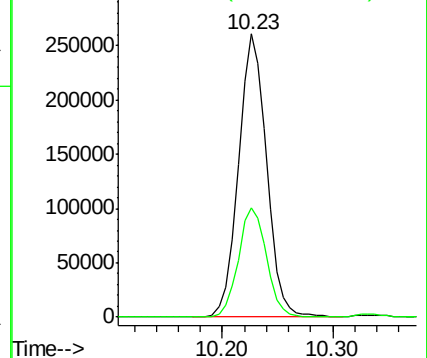
43 100

58 38.9 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.260 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066146.D

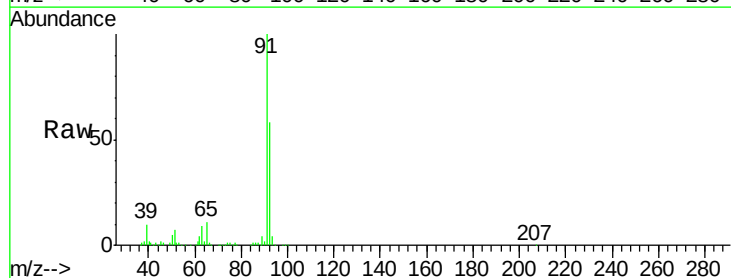
Acq: 06 Aug 2020 20:35

Tgt Ion: 92 Resp: 423096

Ion Ratio Lower Upper

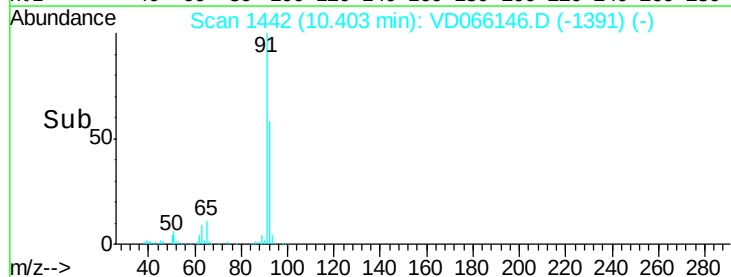
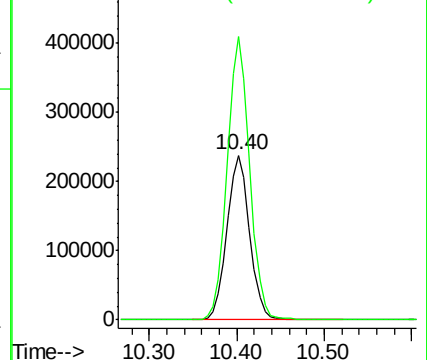
92 100

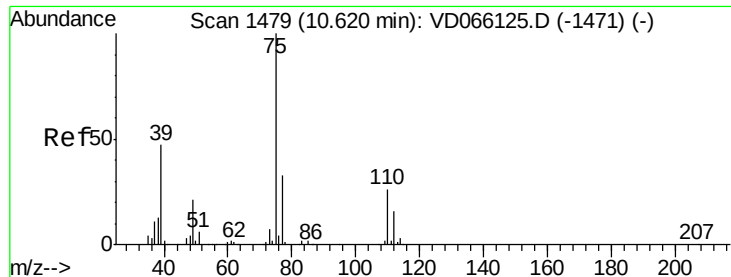
91 170.9 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 49.573 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

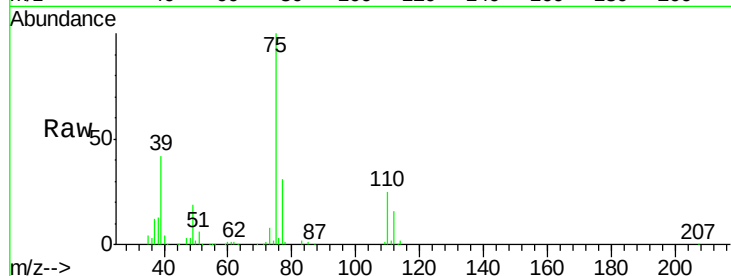
VSTDCCC050EC

Tot Ion: 75 Resp: 214292

Ion Ratio Lower Upper

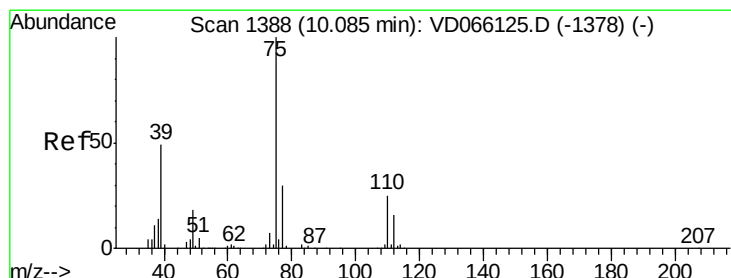
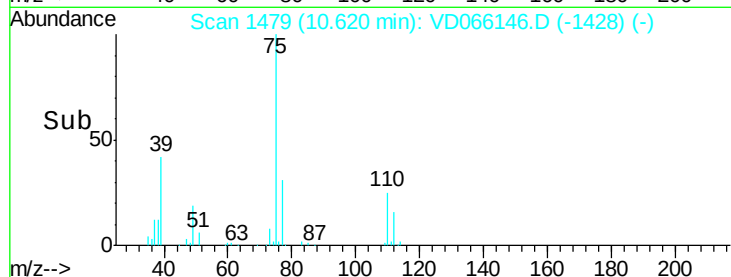
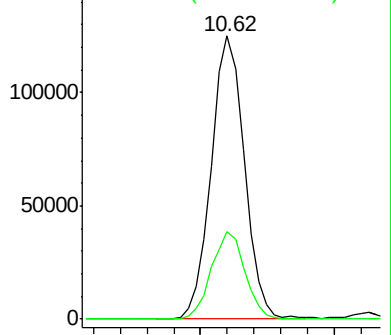
75 100

77 31.2 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 49.239 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

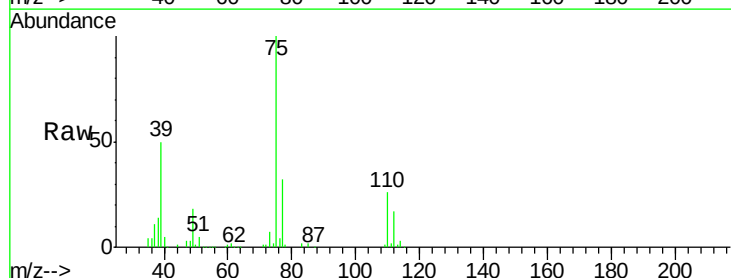
Tgt Ion: 75 Resp: 249383

Ion Ratio Lower Upper

75 100

77 32.4 24.3 36.5

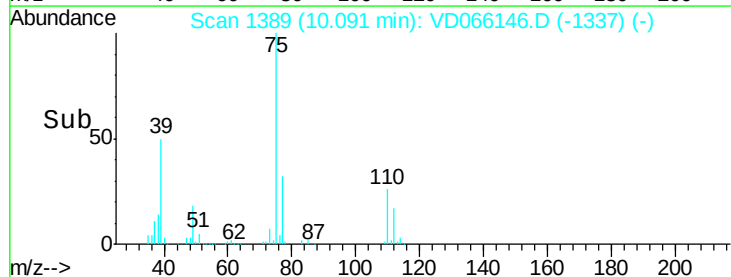
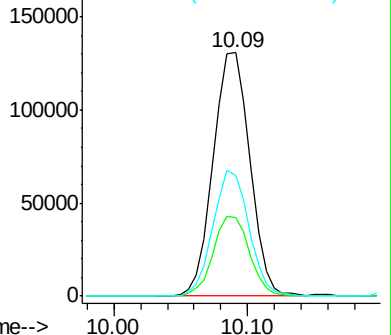
39 49.6 39.3 58.9

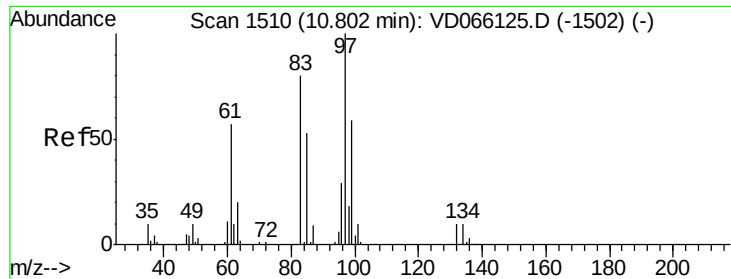


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 48.309 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 119888

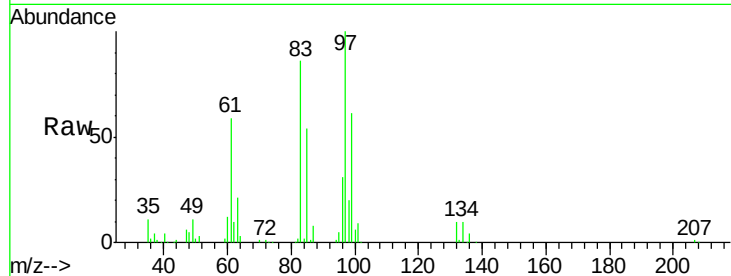
Ion Ratio Lower Upper

97 100

83 86.4 63.9 95.9

85 54.4 42.5 63.7

99 61.2 47.4 71.0

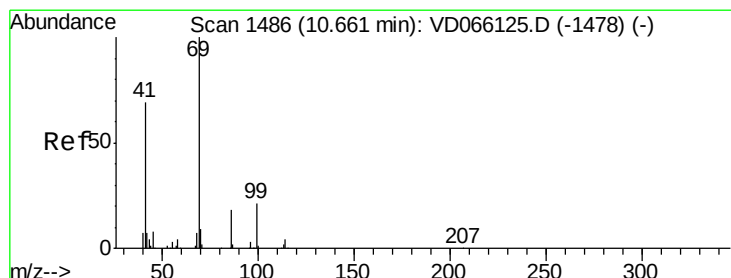
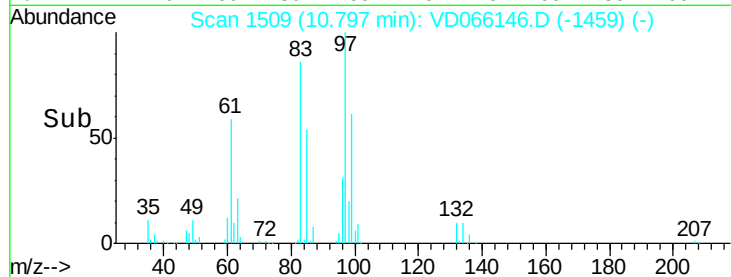
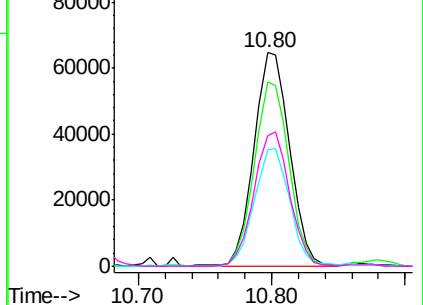


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 52.143 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

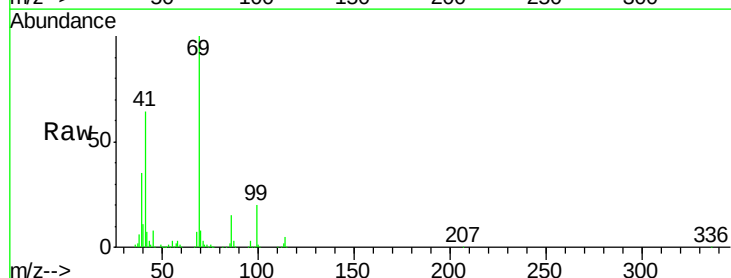
Tgt Ion: 69 Resp: 155449

Ion Ratio Lower Upper

69 100

41 66.9 54.1 81.1

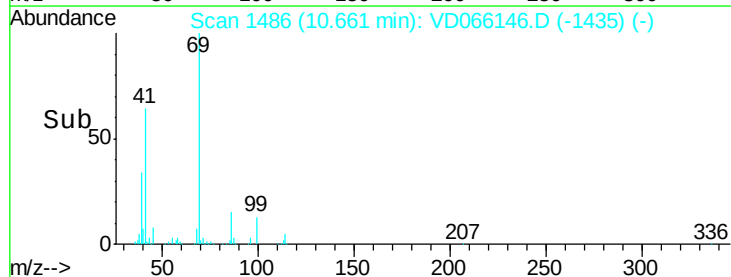
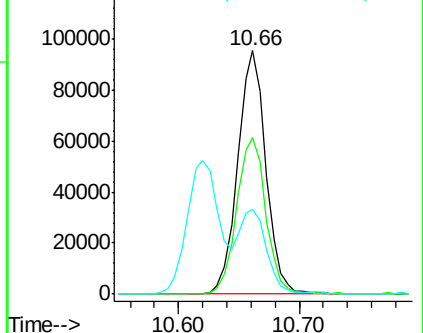
39 33.7 28.6 43.0

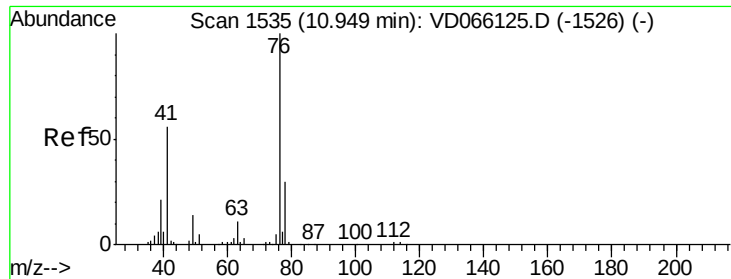


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

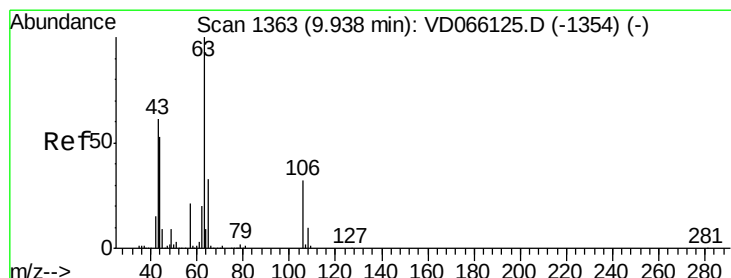
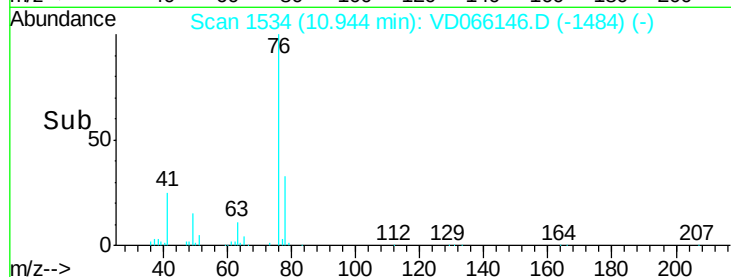
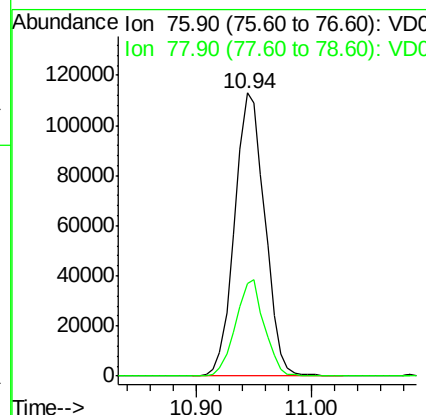
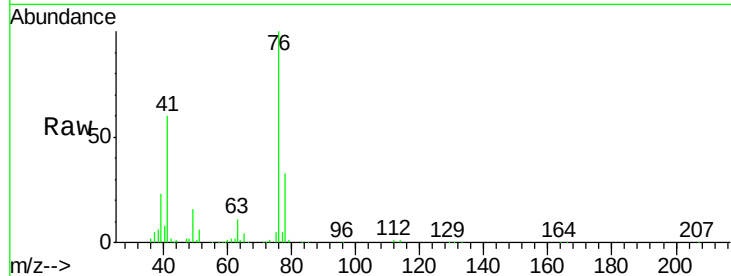




#57
 1,3-Dichloropropane
 Concen: 49.653 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

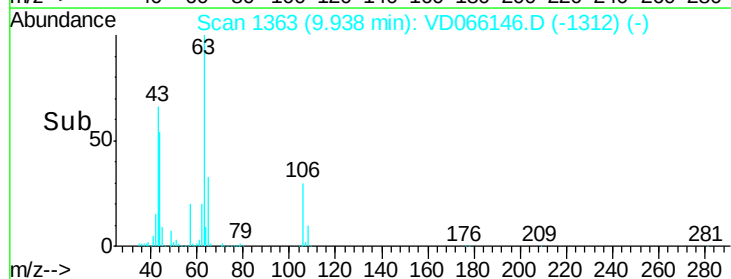
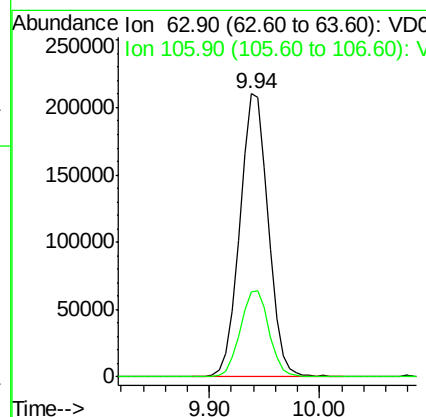
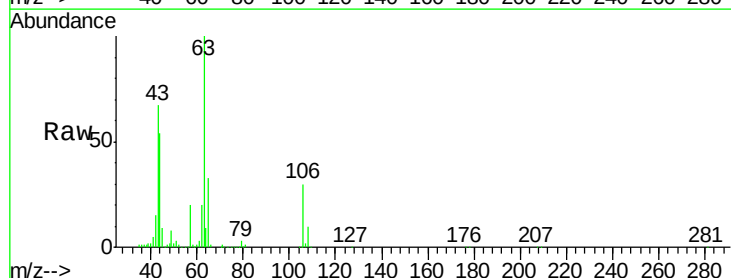
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

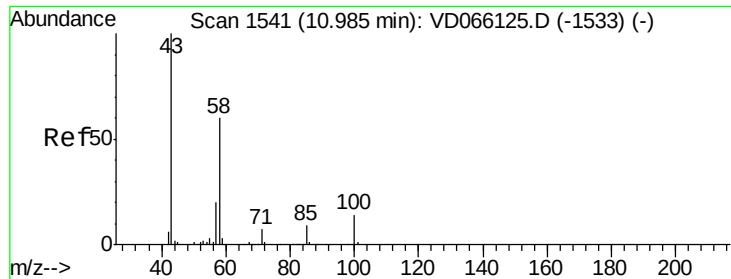
Tot Ion: 76 Resp: 204568
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.437 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 63 Resp: 381428
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.3 37.9

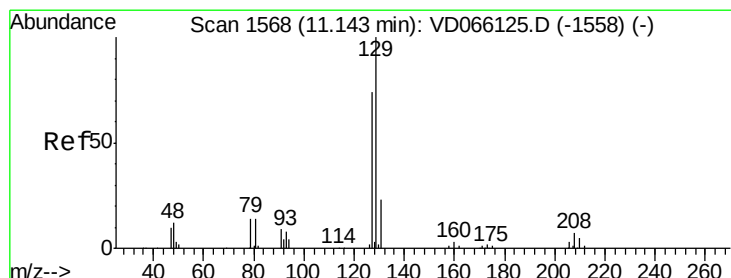
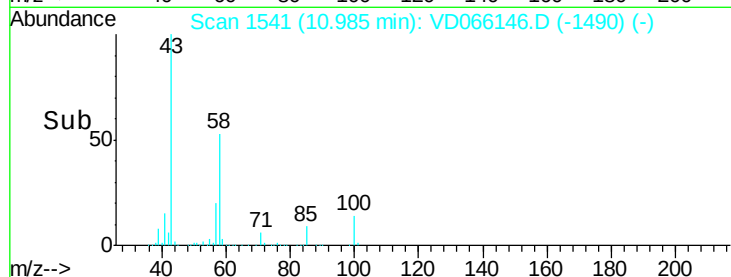
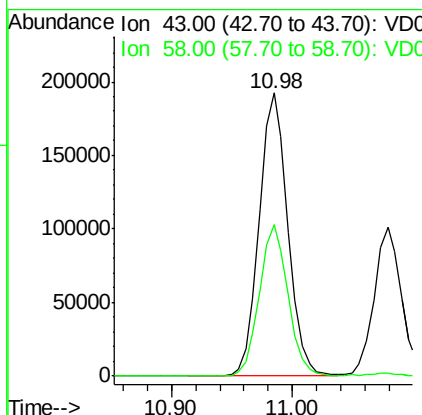
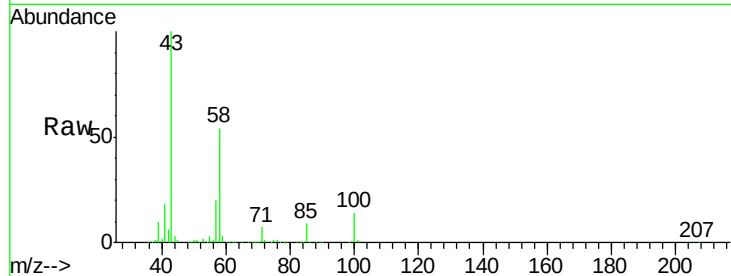




#59
2-Hexanone
Concen: 245.713 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

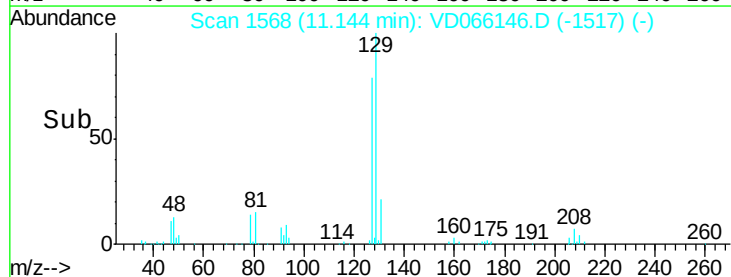
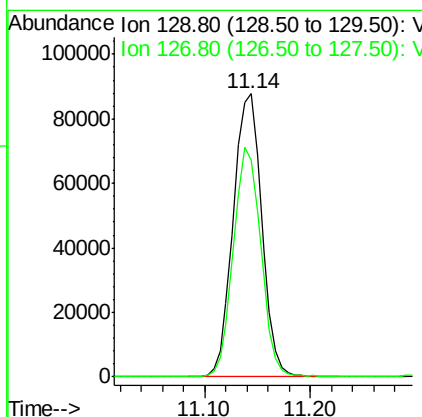
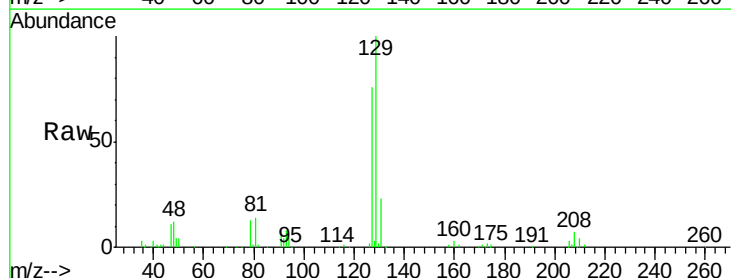
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

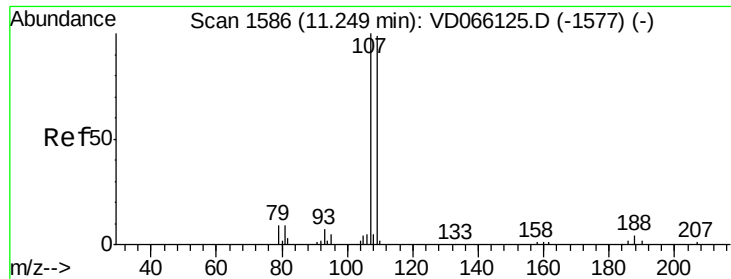
Tot Ion: 43 Resp: 318892
Ion Ratio Lower Upper
43 100
58 53.3 27.8 83.4



#60
Dibromochloromethane
Concen: 47.918 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 129 Resp: 164175
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.1

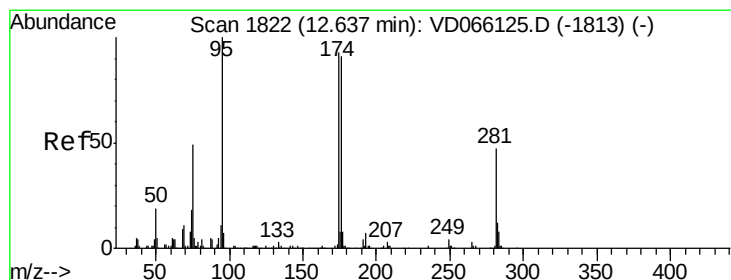
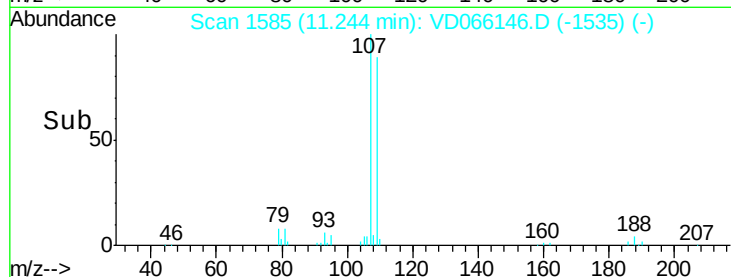
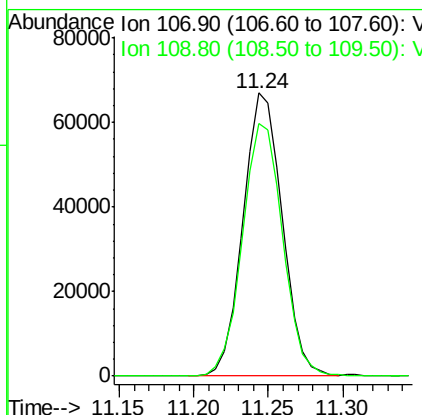
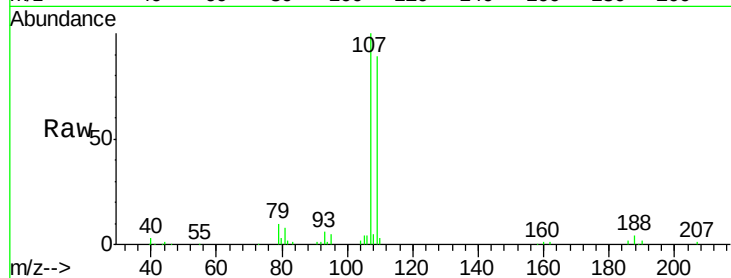




#61
 1,2-Dibromoethane
 Concen: 50.943 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

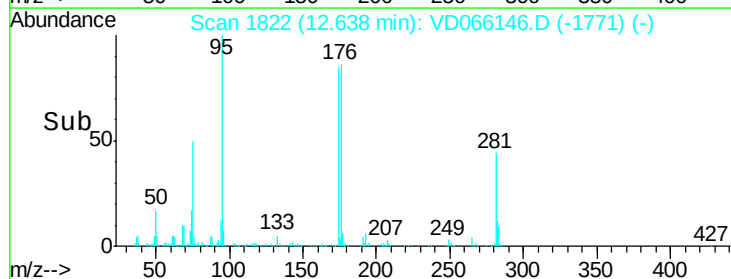
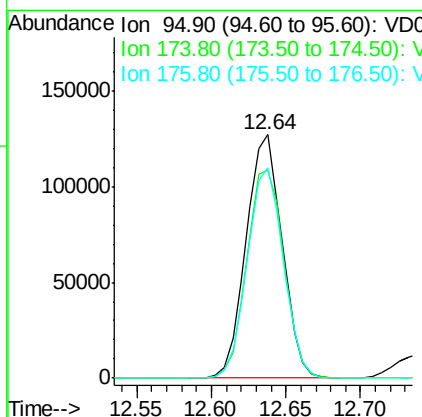
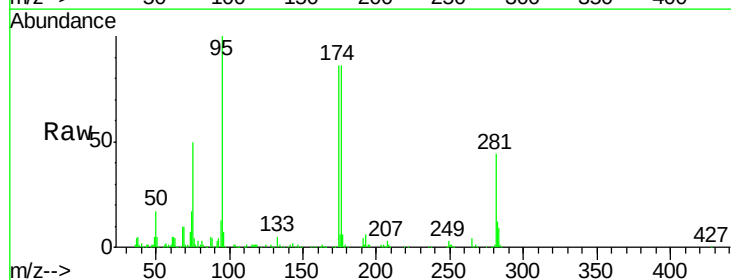
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

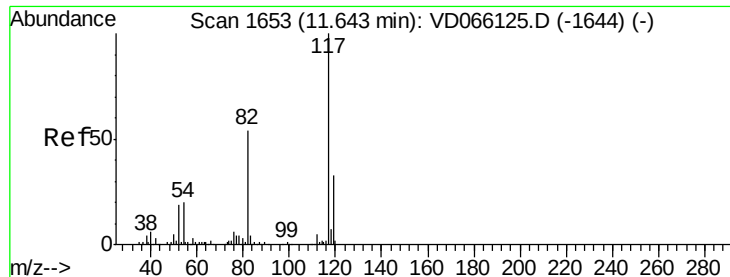
Tot Ion:107 Resp: 121583
 Ion Ratio Lower Upper
 107 100
 109 91.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.143 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 95 Resp: 211500
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 180.8
 176 86.7 0.0 181.2

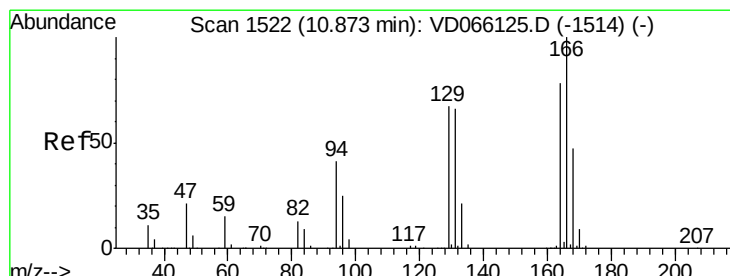
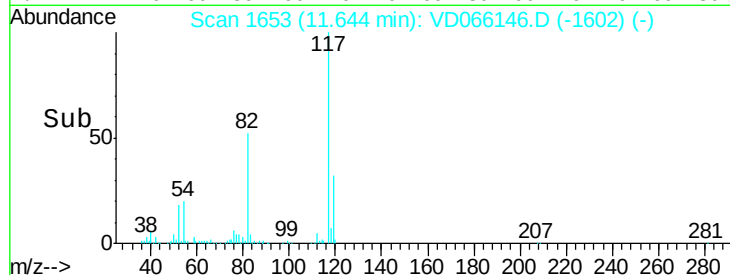
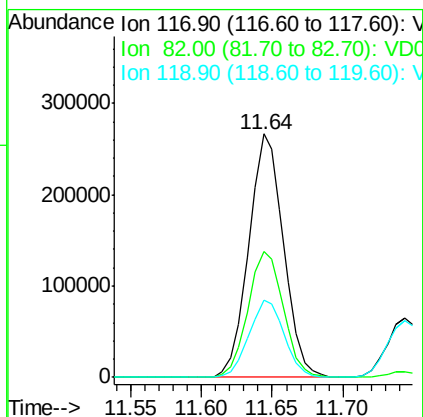
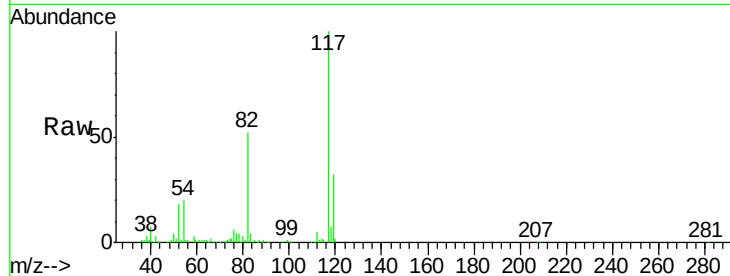




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

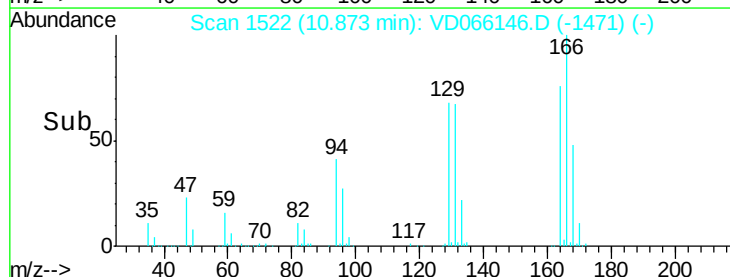
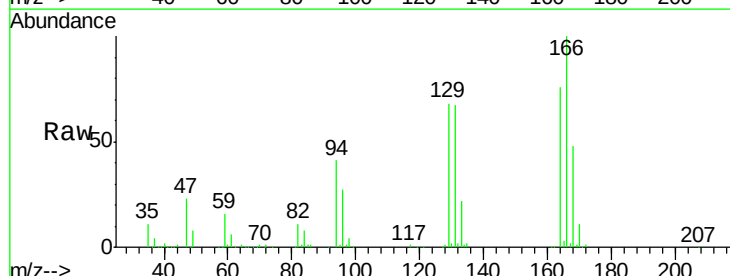
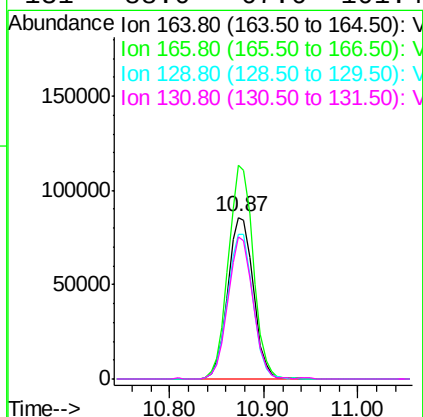
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

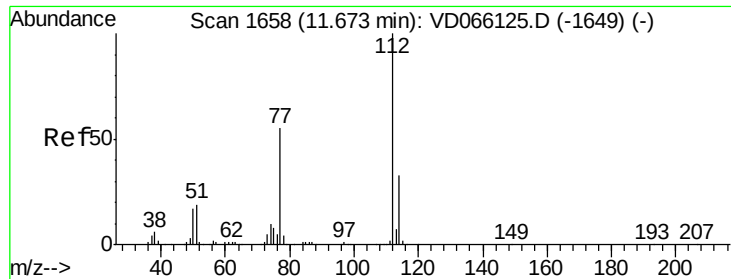
Tot Ion:117 Resp: 460675
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.6 26.1 39.1



#64
Tetrachloroethene
Concen: 45.621 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion:164 Resp: 161385
Ion Ratio Lower Upper
164 100
166 132.2 101.9 152.9
129 89.4 68.1 102.1
131 88.0 67.6 101.4

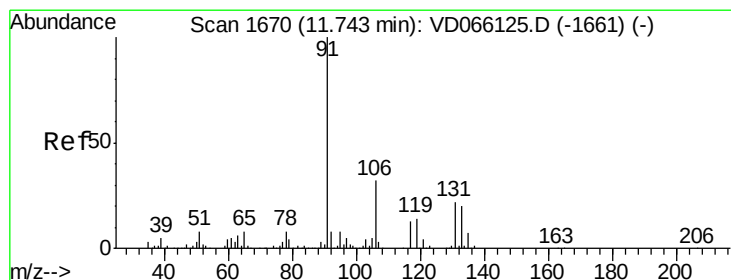
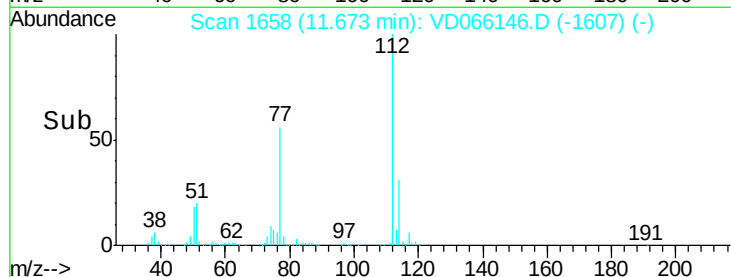
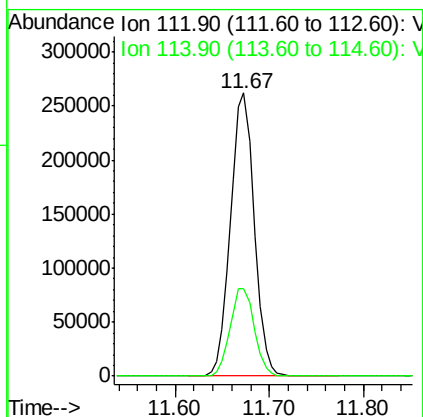
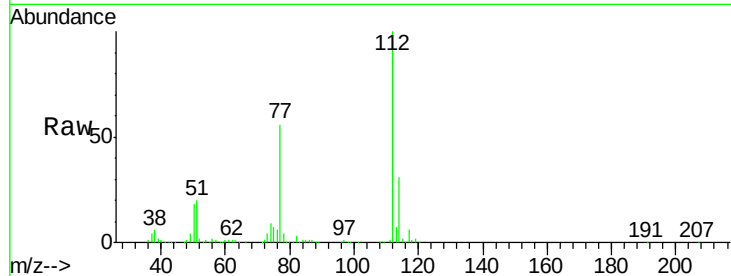




#65
Chlorobenzene
Concen: 49.170 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

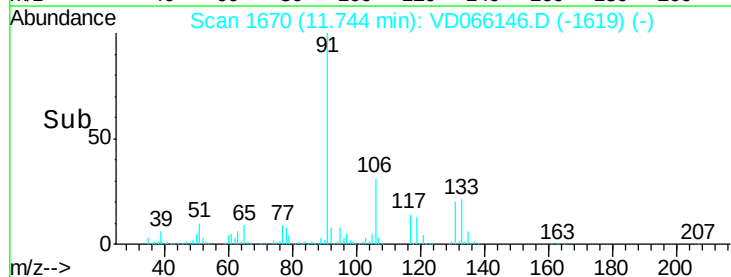
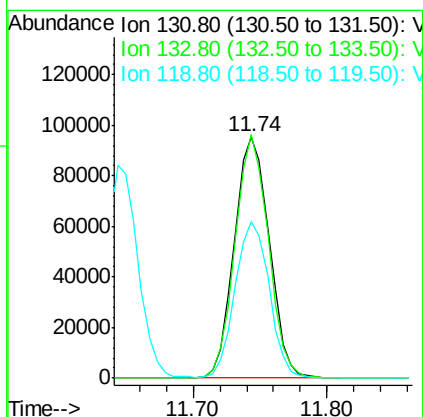
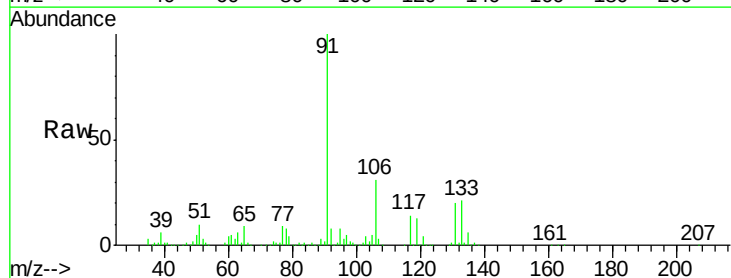
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

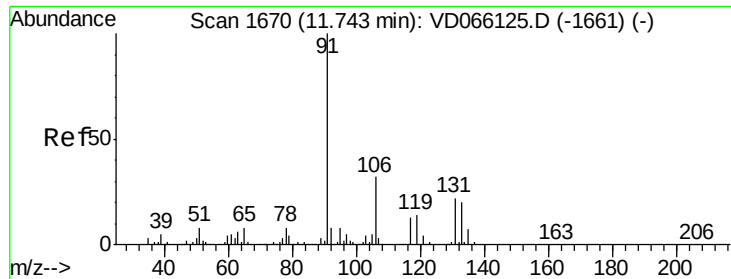
Tot Ion:112 Resp: 459834
Ion Ratio Lower Upper
112 100
114 30.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.350 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion:131 Resp: 173260
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 63.6 31.6 94.7

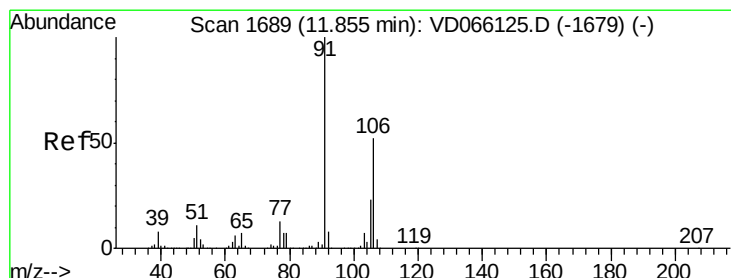
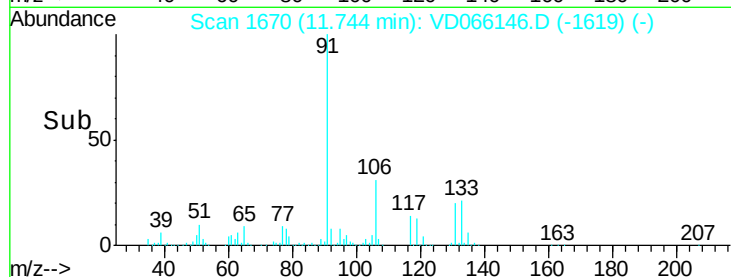
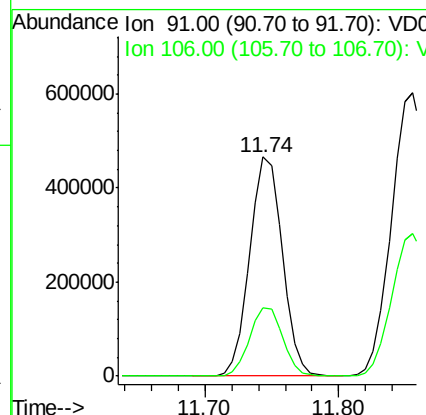
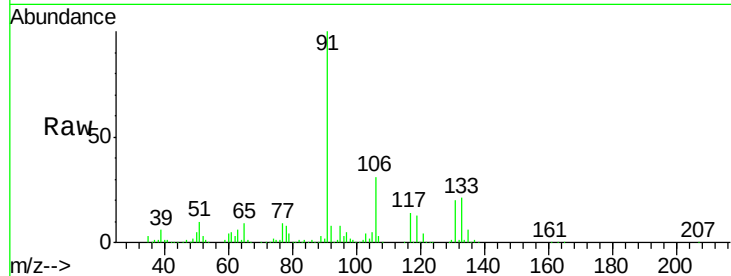




#67
Ethyl Benzene
Concen: 48.515 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

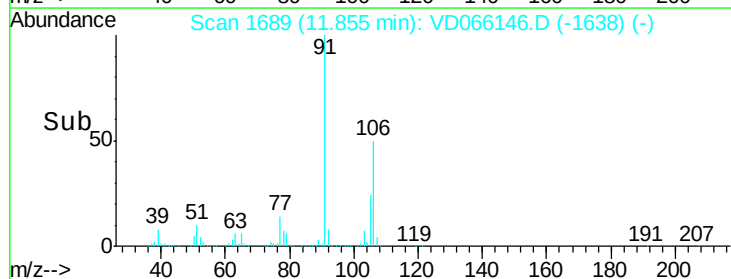
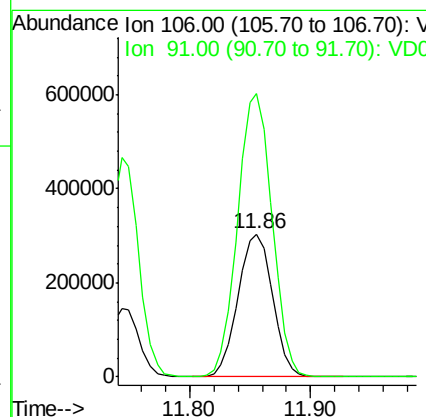
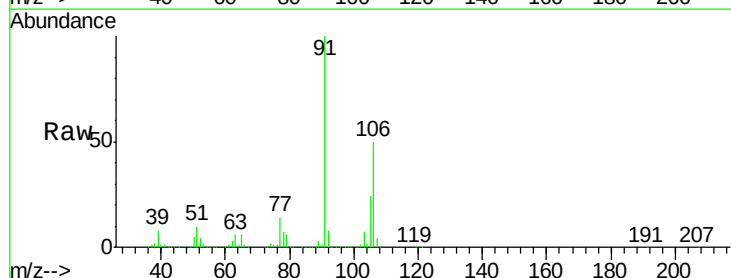
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

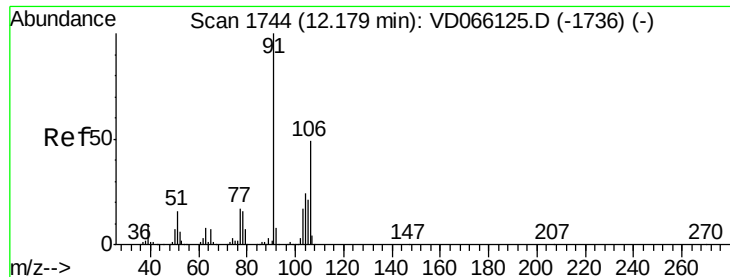
Tot Ion: 91 Resp: 786230
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 96.419 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 106 Resp: 605399
Ion Ratio Lower Upper
106 100
91 197.9 156.6 235.0

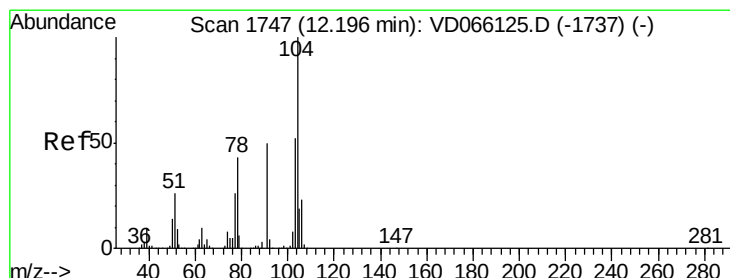
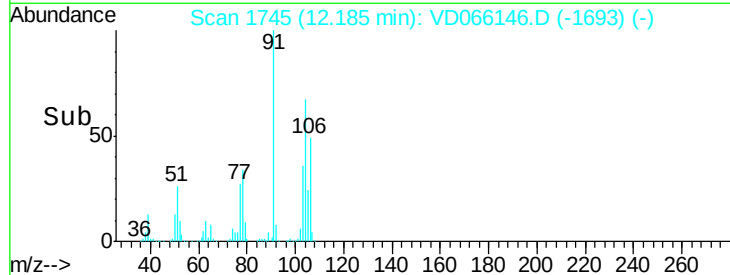
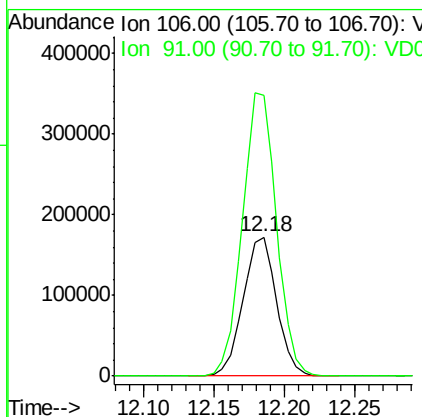
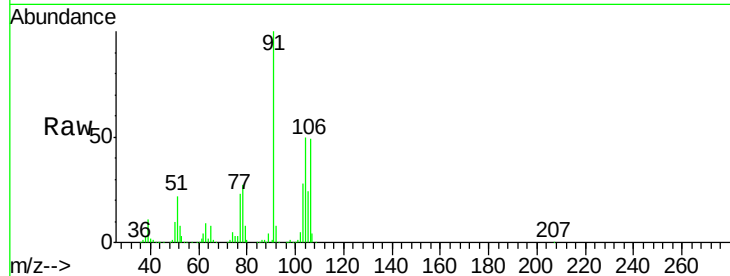




#69
o-Xylene
Concen: 50.046 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

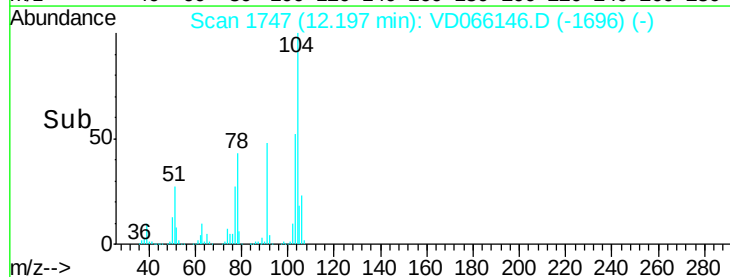
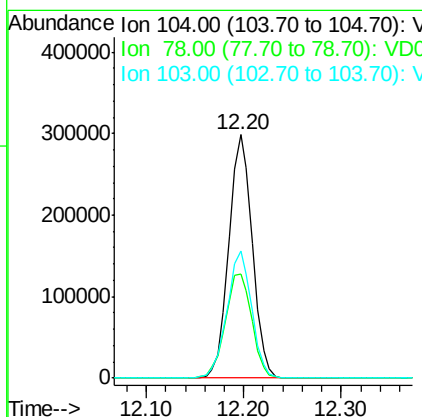
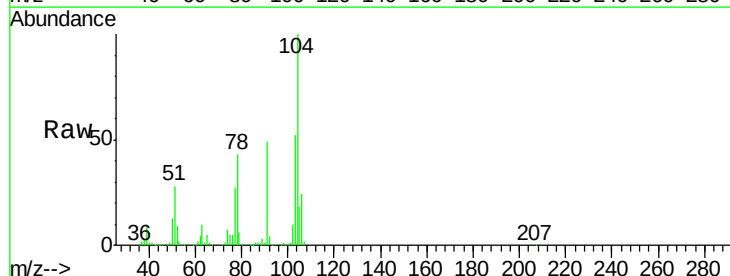
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

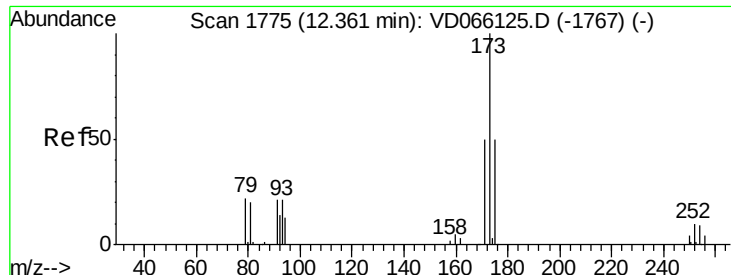
Tot Ion:106 Resp: 285846
Ion Ratio Lower Upper
106 100
91 208.4 105.7 317.1



#70
Styrene
Concen: 49.732 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion:104 Resp: 497808
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 54.7 44.1 66.1





#71

Bromoform

Concen: 46.052 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

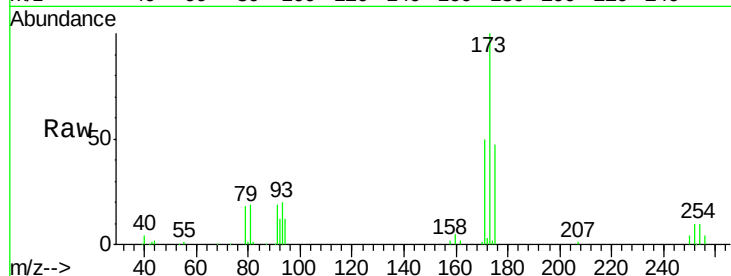
Tot Ion:173 Resp: 99838

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

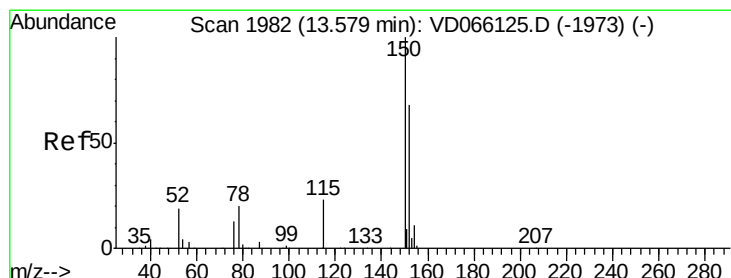
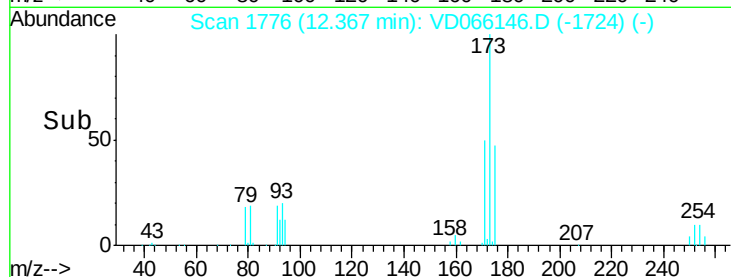
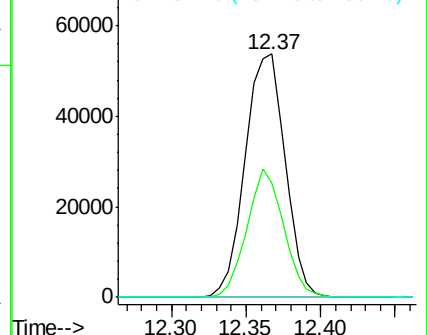
254 0.0 0.2 0.2#



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: VD066146.D

Acq: 06 Aug 2020 20:35

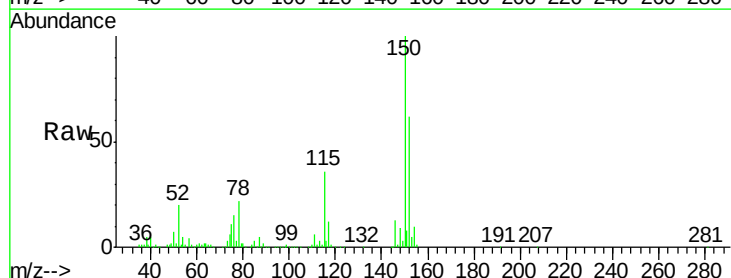
Tgt Ion:152 Resp: 227301

Ion Ratio Lower Upper

152 100

115 55.9 28.0 83.9

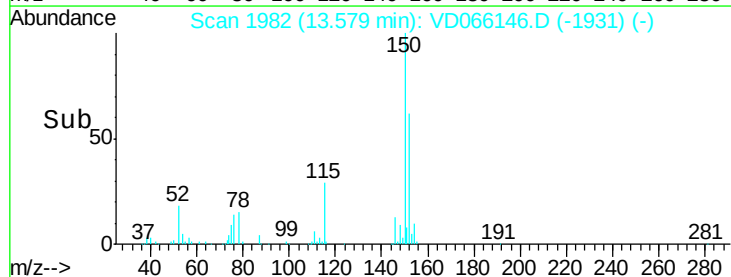
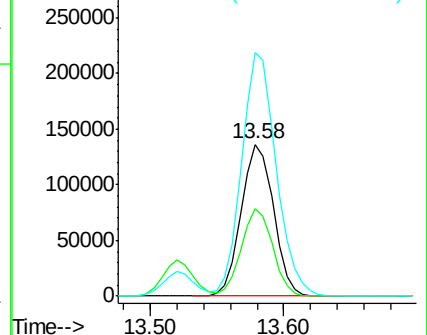
150 172.3 0.0 346.4

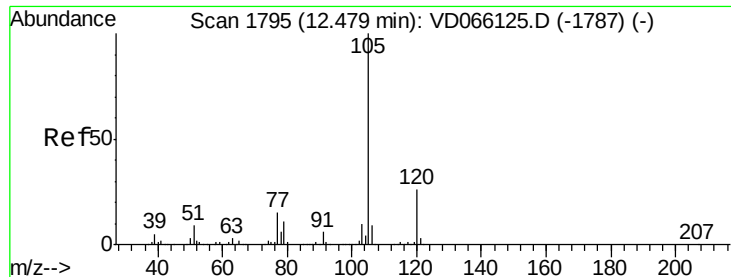


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.589 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

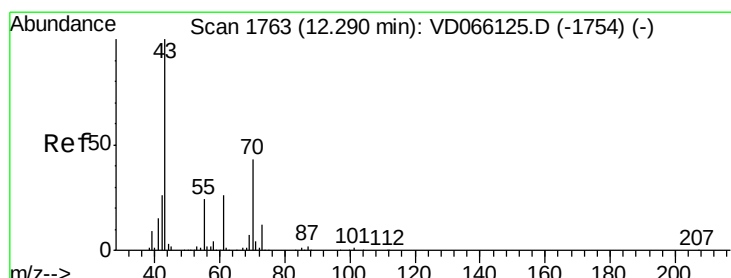
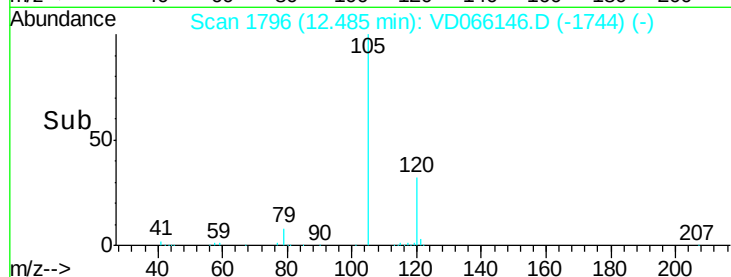
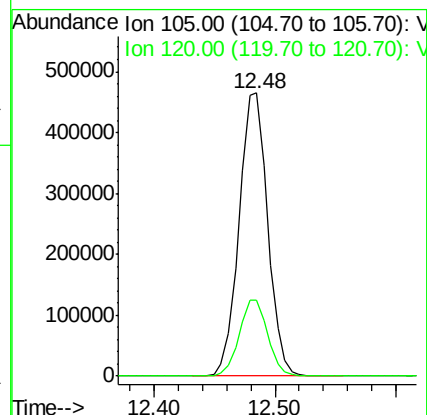
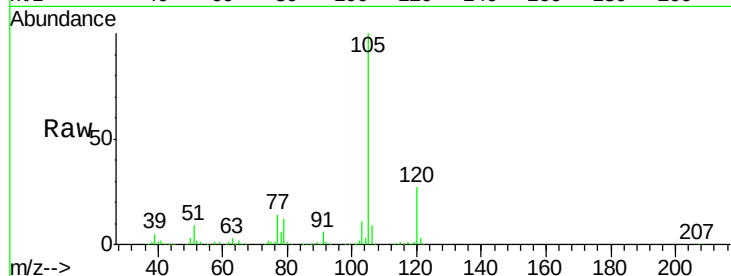
VSTDCCC050EC

Tot Ion:105 Resp: 767578

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 52.545 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Tgt Ion: 43 Resp: 175561

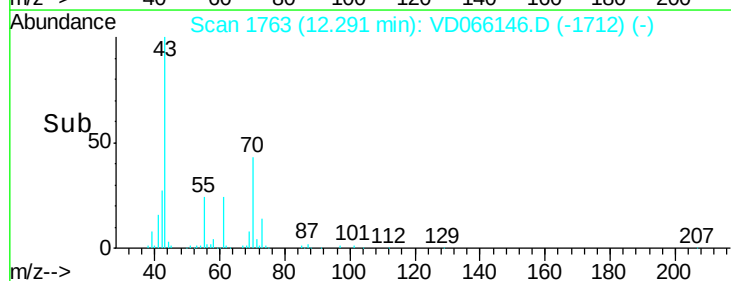
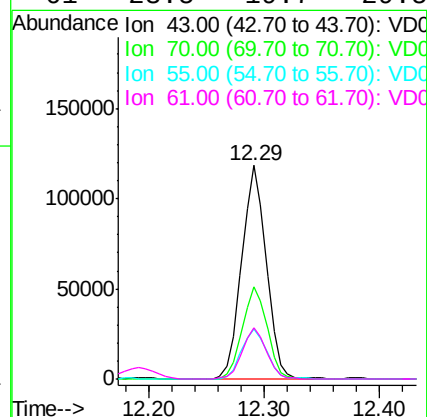
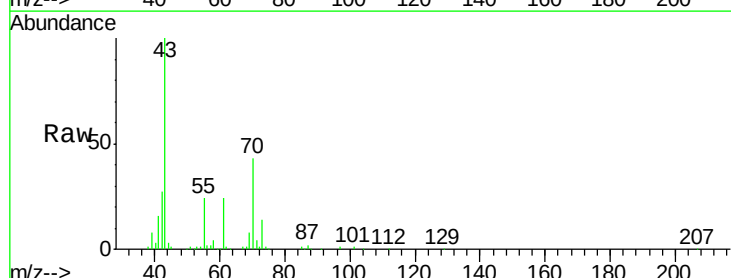
Ion Ratio Lower Upper

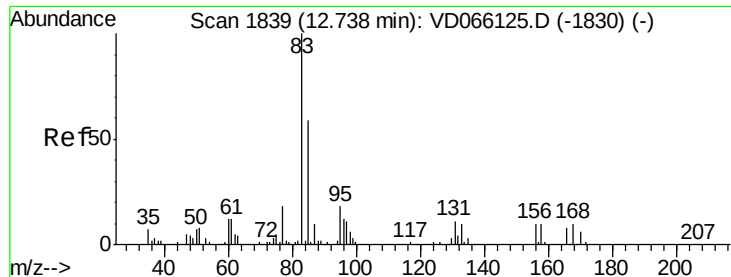
43 100

70 43.3 34.9 52.3

55 24.0 19.2 28.8

61 23.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.155 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

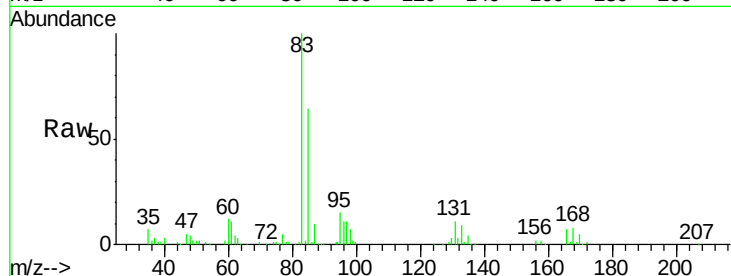
Tot Ion: 83 Resp: 127175

Ion Ratio Lower Upper

83 100

131 11.6 6.2 18.6

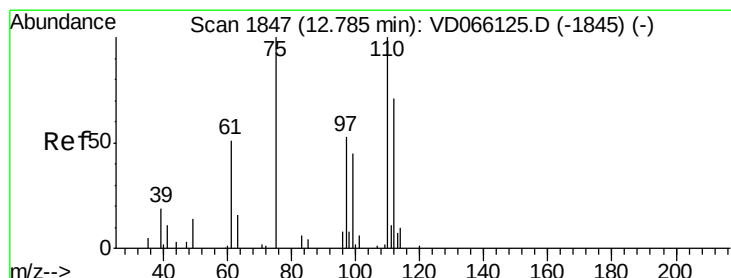
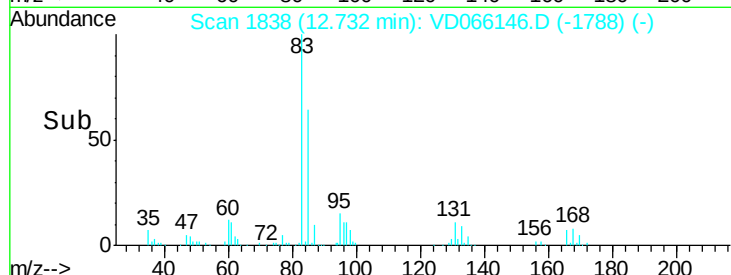
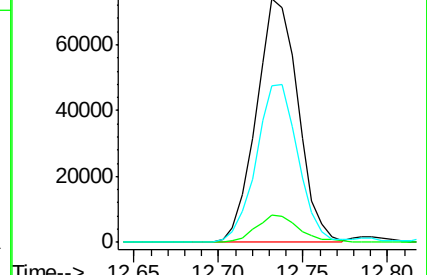
85 65.3 32.4 97.2



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: 87.974 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066146.D

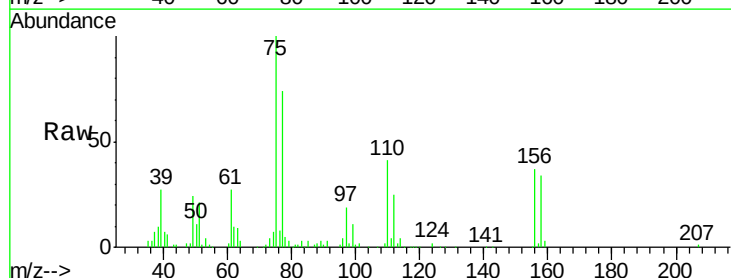
Acq: 06 Aug 2020 20:35

Tgt Ion: 75 Resp: 166757

Ion Ratio Lower Upper

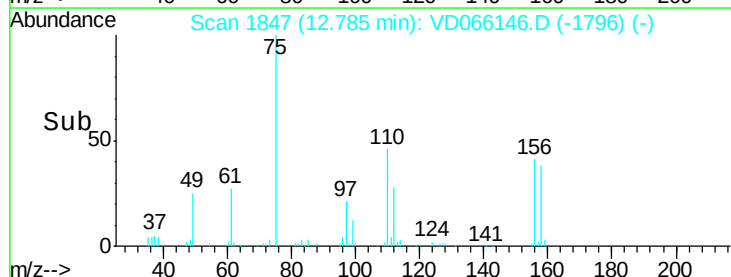
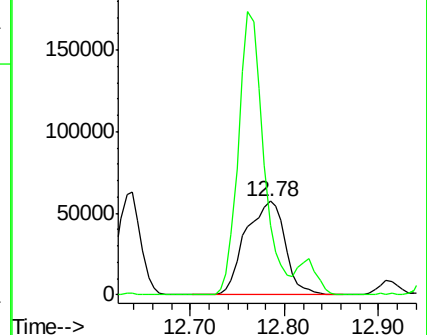
75 100

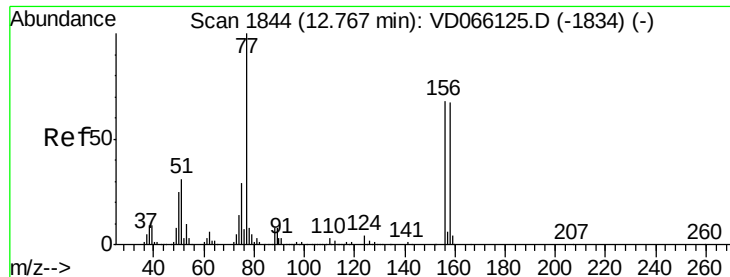
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.588 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

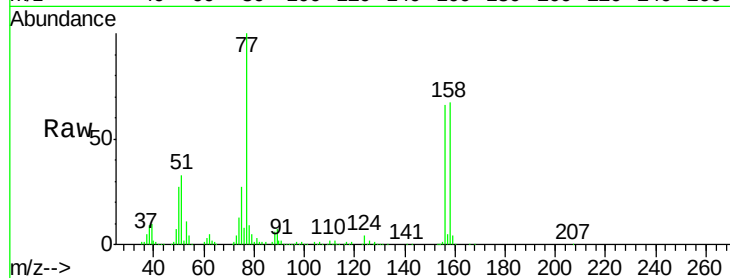
Tot Ion:156 Resp: 193681

Ion Ratio Lower Upper

156 100

77 168.6 81.0 243.1

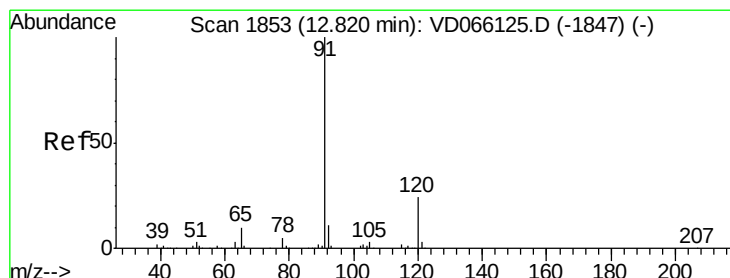
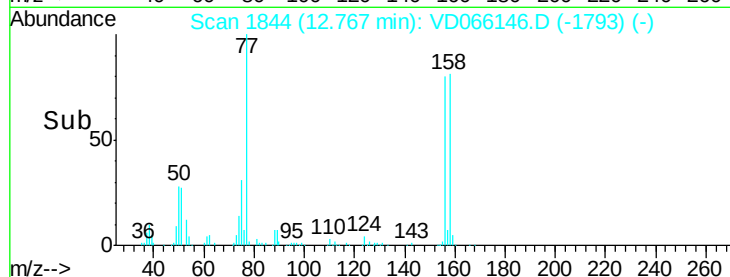
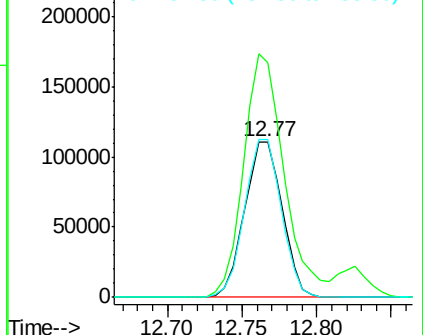
158 98.8 48.8 146.3



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: 49.725 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066146.D

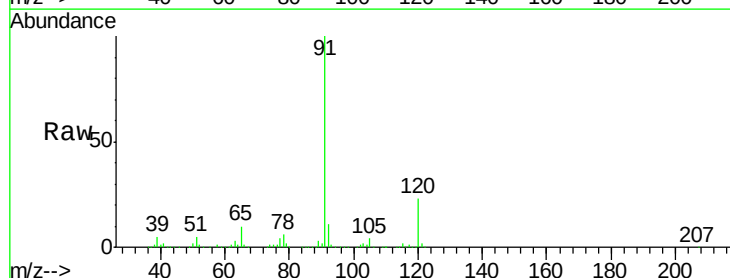
Acq: 06 Aug 2020 20:35

Tgt Ion: 91 Resp: 877019

Ion Ratio Lower Upper

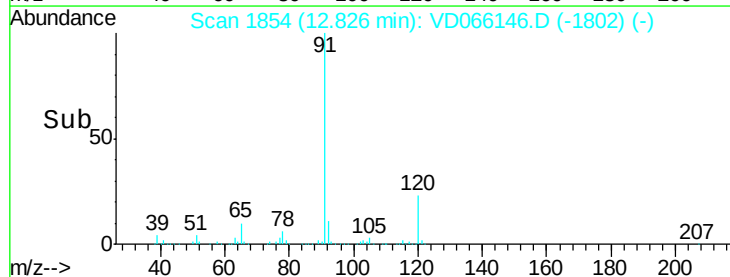
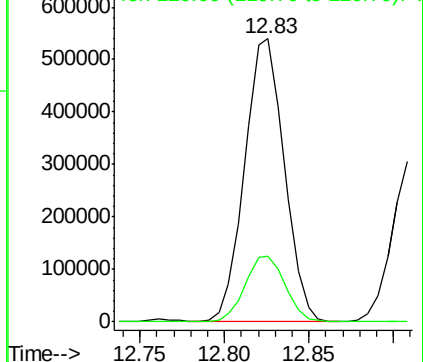
91 100

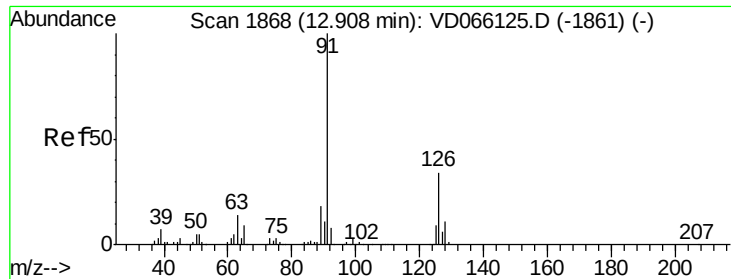
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

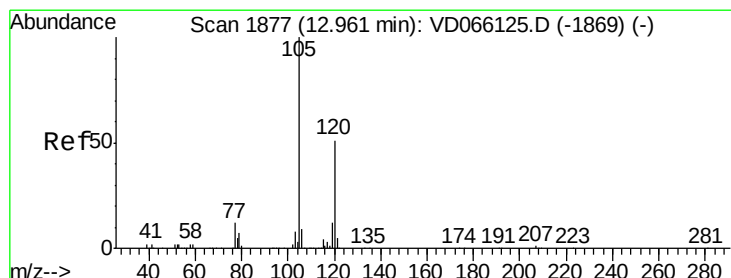
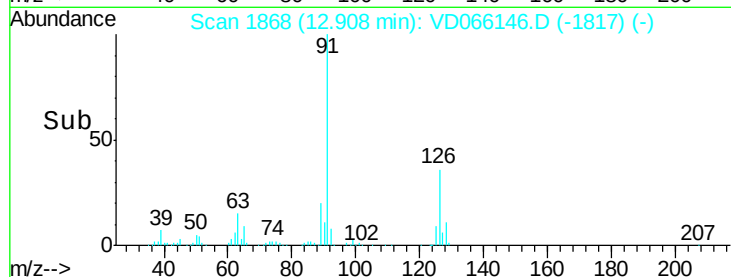
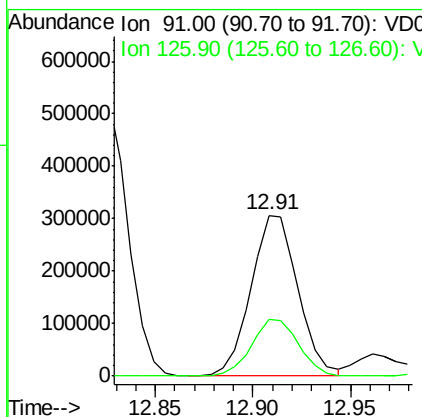
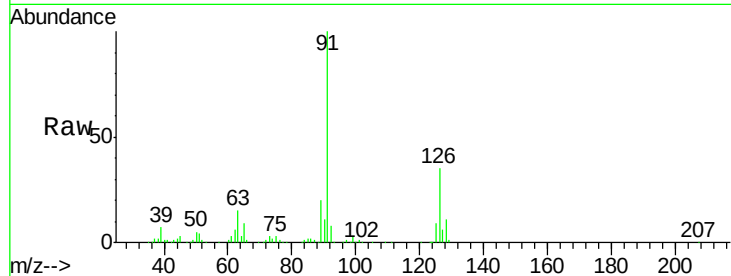




#79
 2-Chlorotoluene
 Concen: 50.575 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

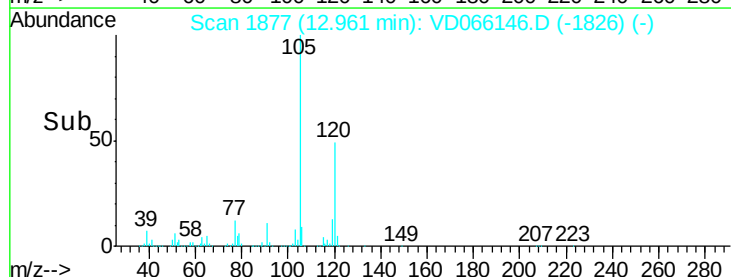
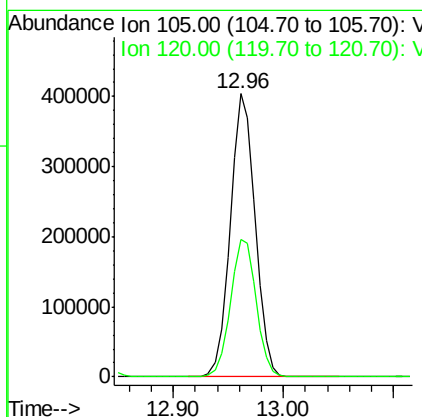
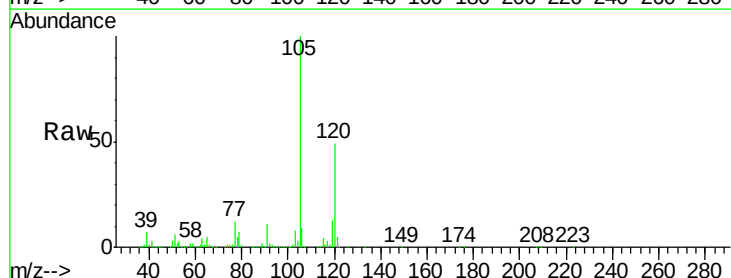
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

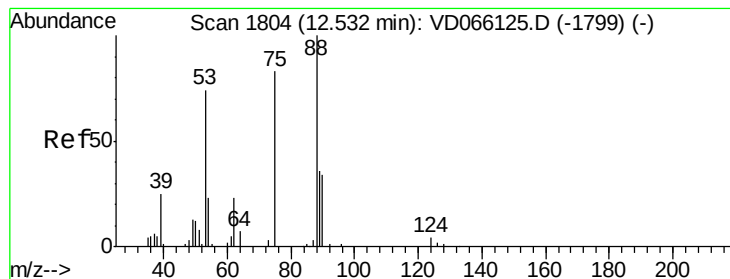
Tot Ion: 91 Resp: 510170
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.220 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion: 105 Resp: 637258
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.078 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

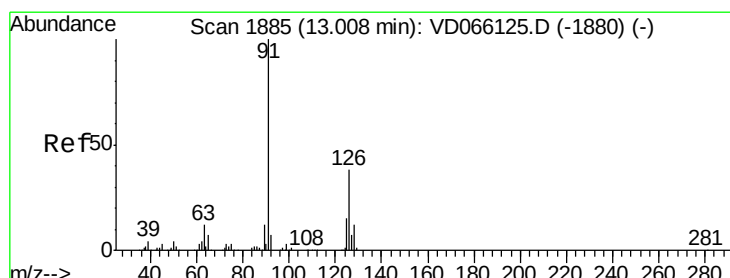
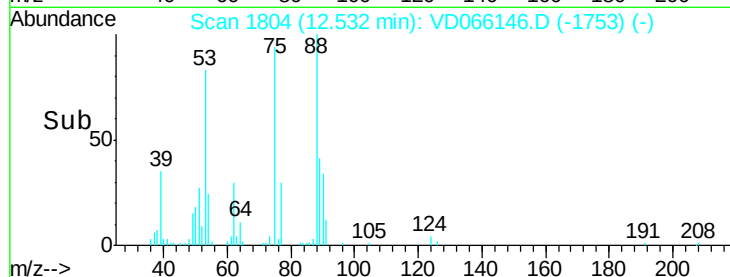
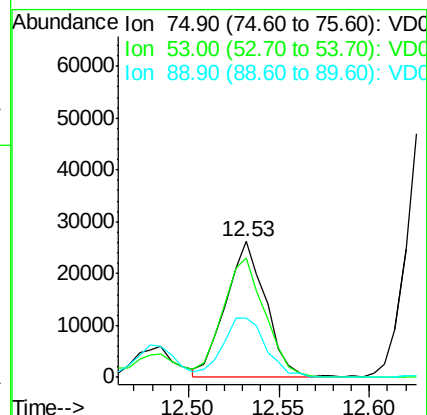
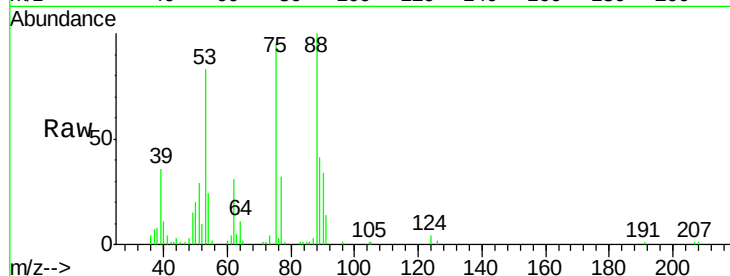
Tot Ion: 75 Resp: 39511

Ion Ratio Lower Upper

75 100

53 94.3 73.4 110.2

89 47.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 50.525 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066146.D

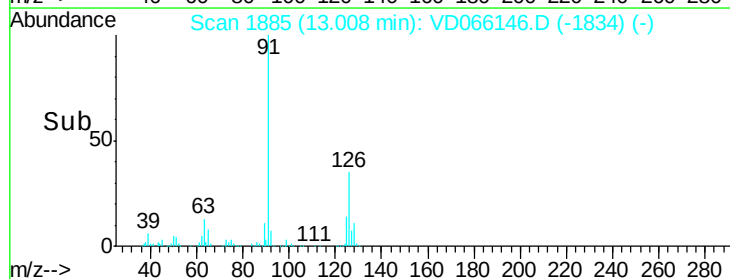
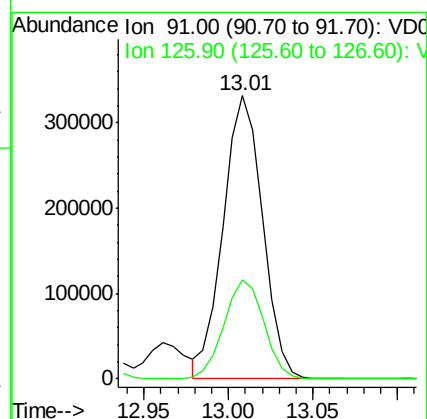
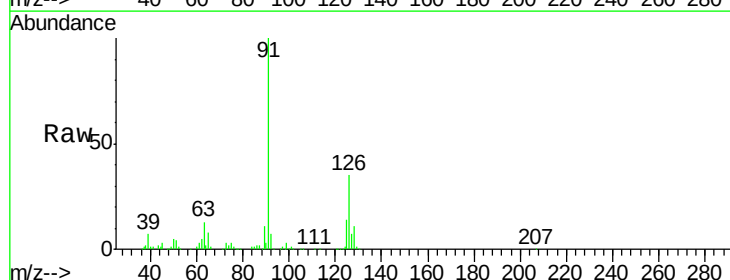
Acq: 06 Aug 2020 20:35

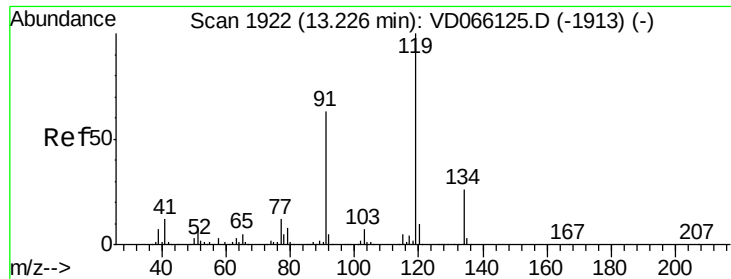
Tgt Ion: 91 Resp: 538030

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3

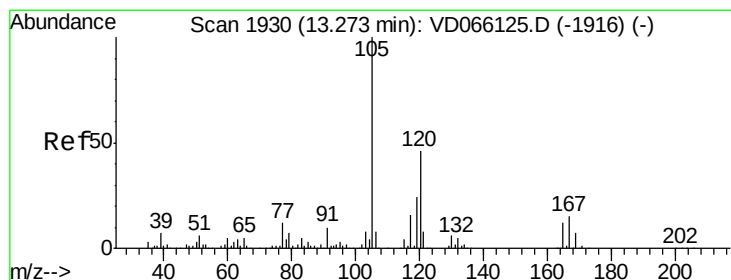
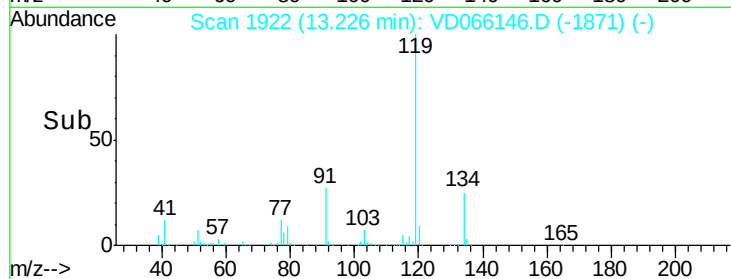
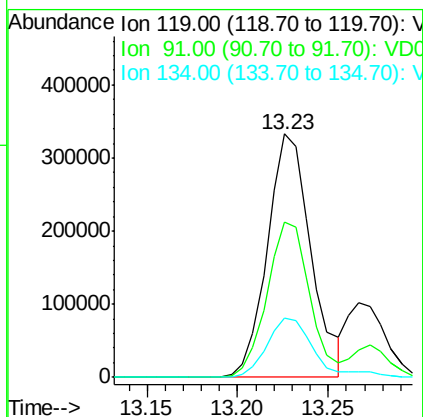
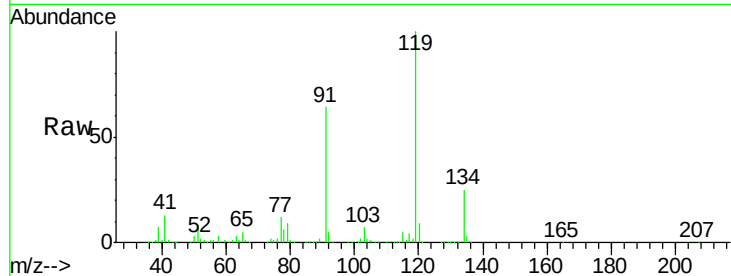




#83
 tert-Butylbenzene
 Concen: 49.973 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

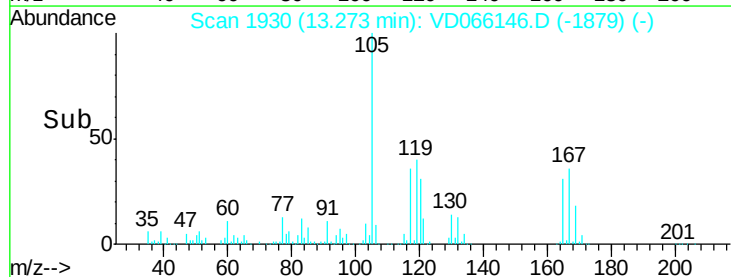
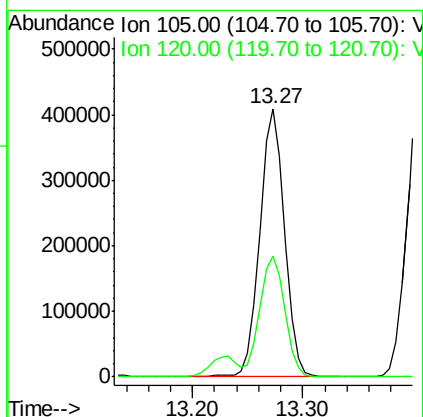
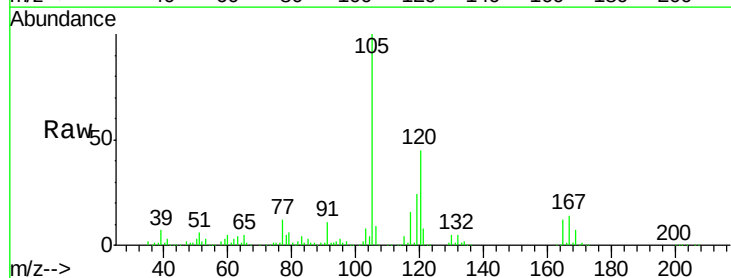
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

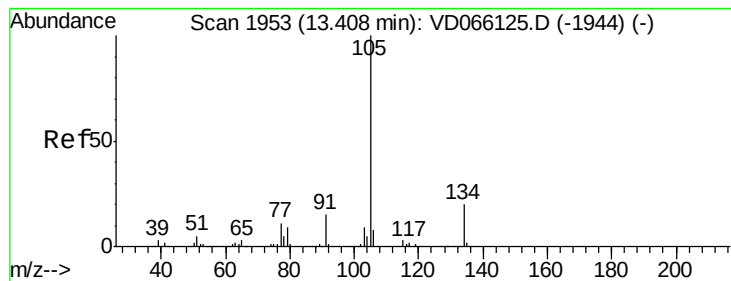
Tot Ion:119 Resp: 557664
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.8 92.4
 134 26.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.686 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion:105 Resp: 643654
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.753 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

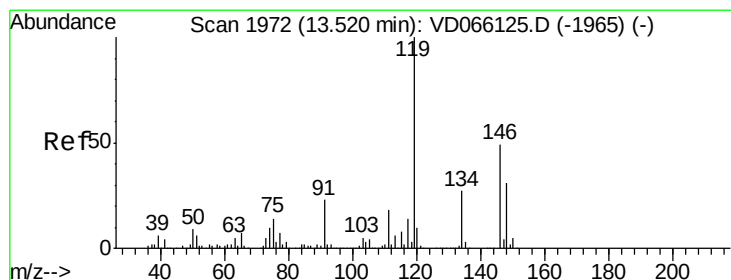
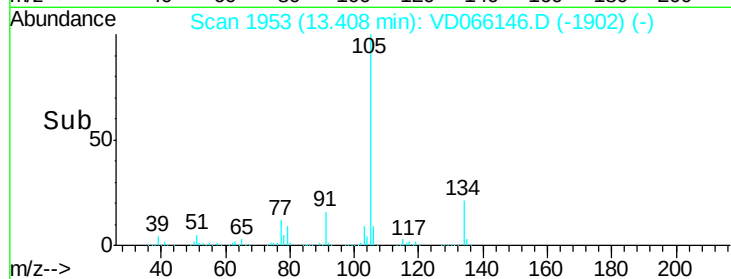
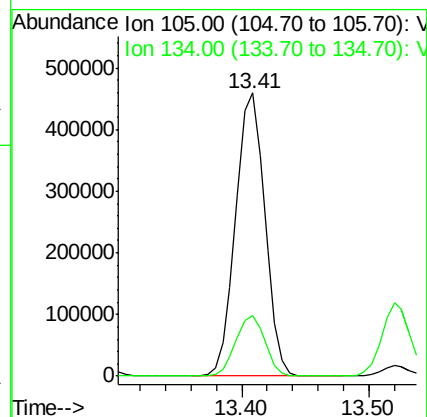
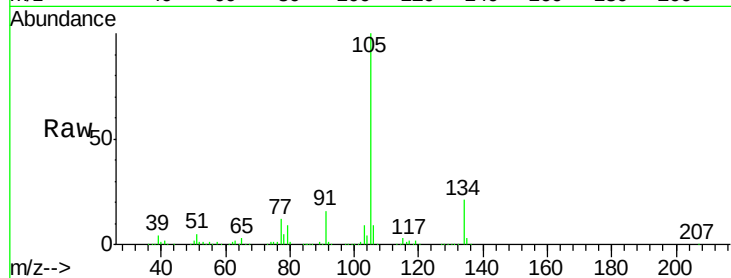
VSTDCCC050EC

Tot Ion:105 Resp: 734533

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.4



#86

p-Isopropyltoluene

Concen: 48.554 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

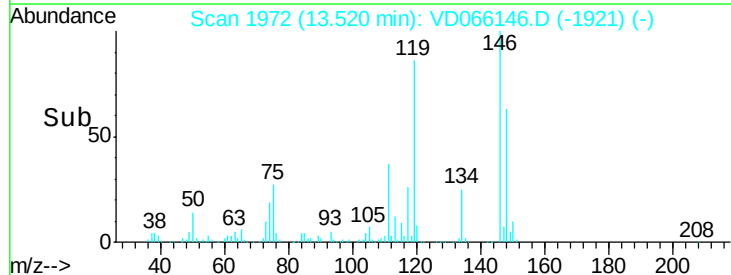
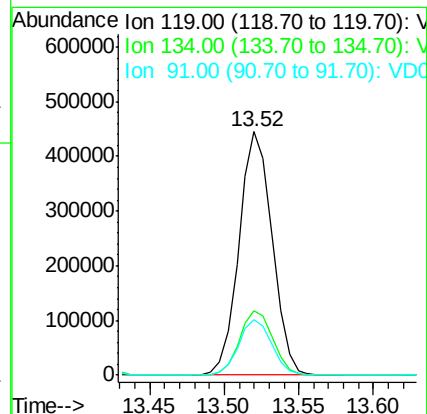
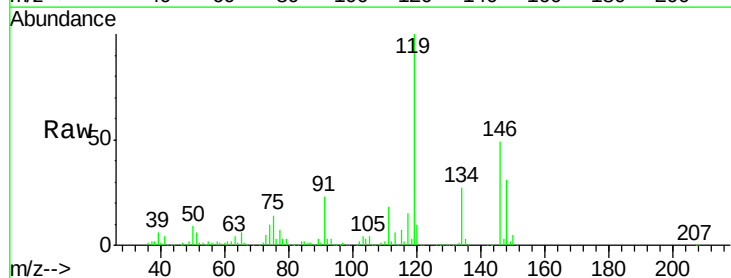
Tgt Ion:119 Resp: 686124

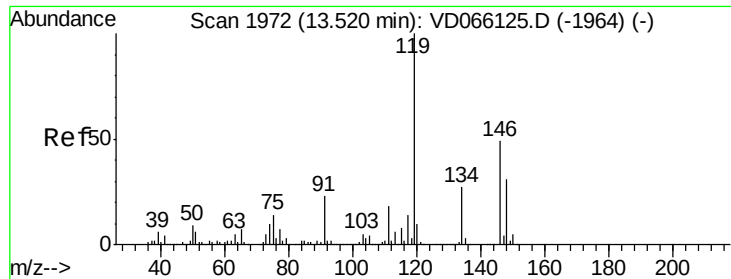
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.592 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

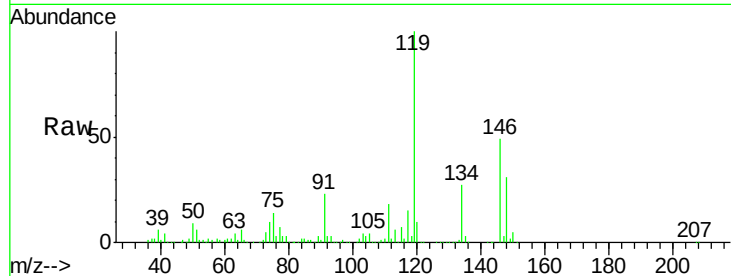
Tot Ion:146 Resp: 356704

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.9

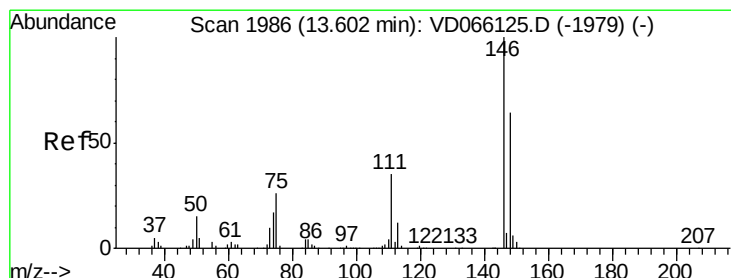
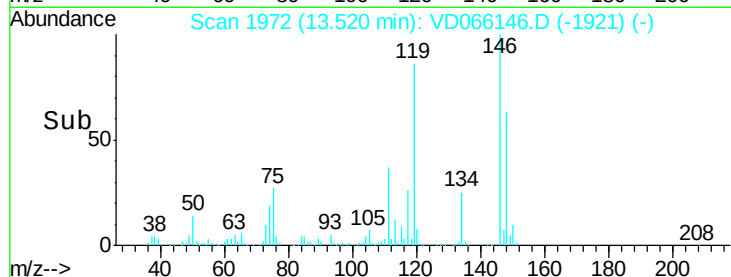
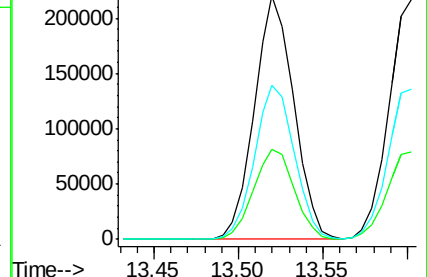
148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.755 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD066146.D

Acq: 06 Aug 2020 20:35

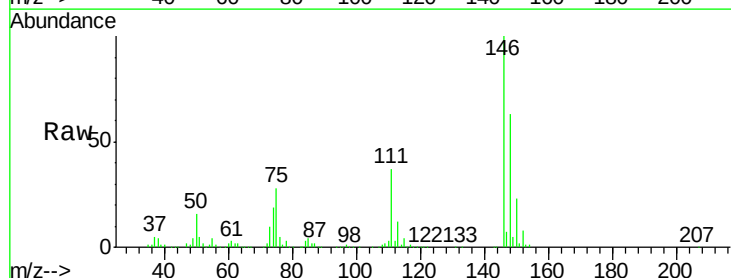
Tgt Ion:146 Resp: 356925

Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

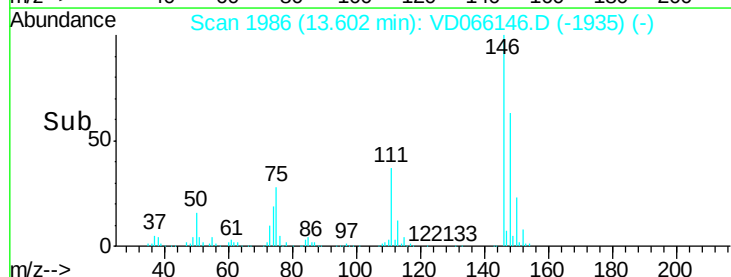
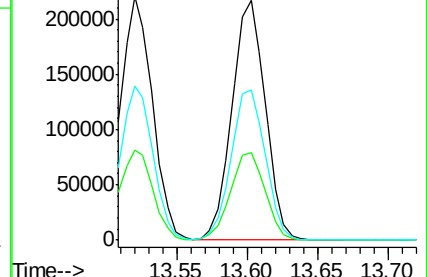
148 64.5 32.4 97.0

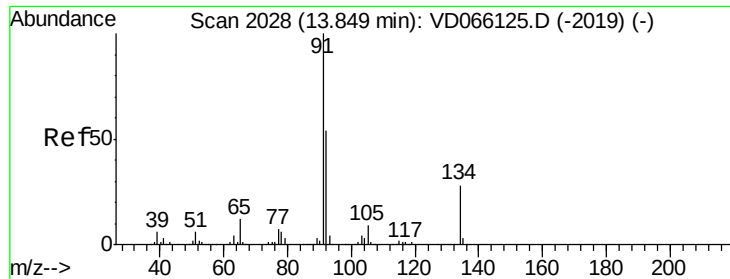


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

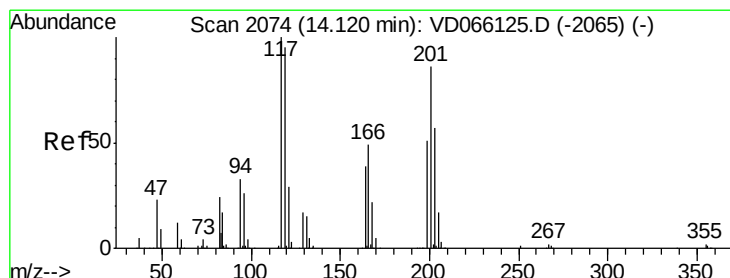
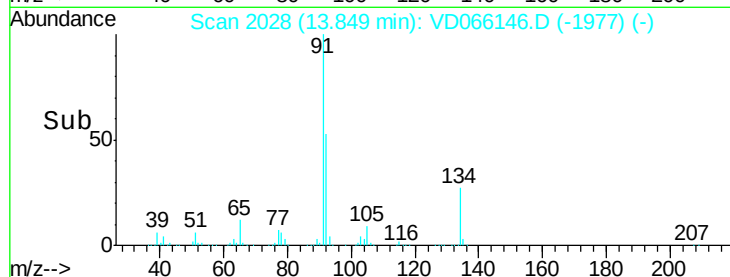
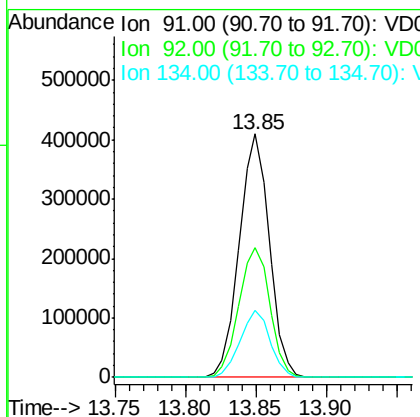
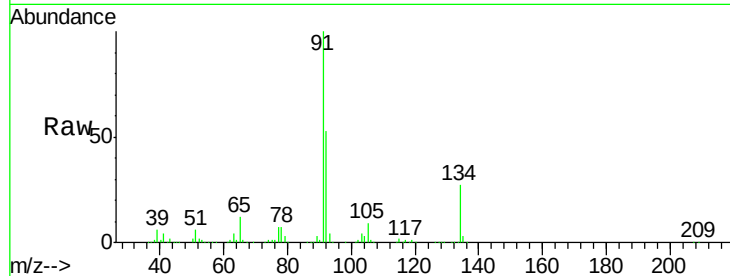




#89
n-Butylbenzene
Concen: 48.157 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

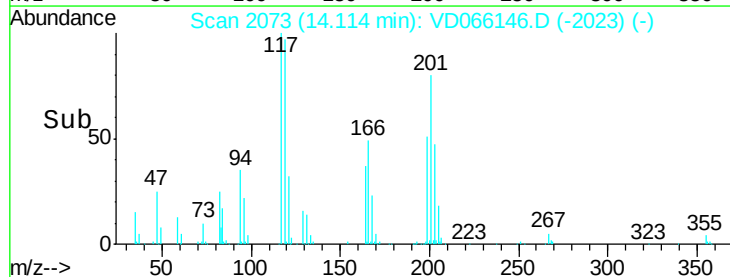
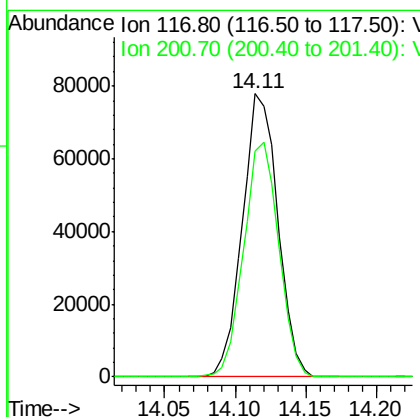
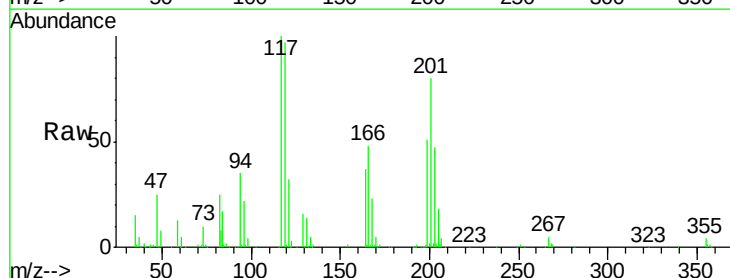
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

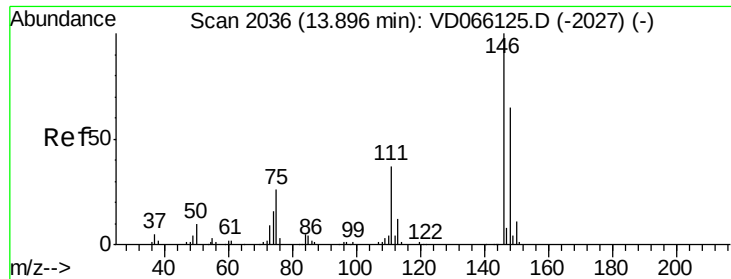
Tot Ion: 91 Resp: 609707
Ion Ratio Lower Upper
91 100
92 55.4 26.8 80.3
134 27.6 14.0 41.9



#90
Hexachloroethane
Concen: 48.753 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion: 117 Resp: 137401
Ion Ratio Lower Upper
117 100
201 81.9 42.7 128.1

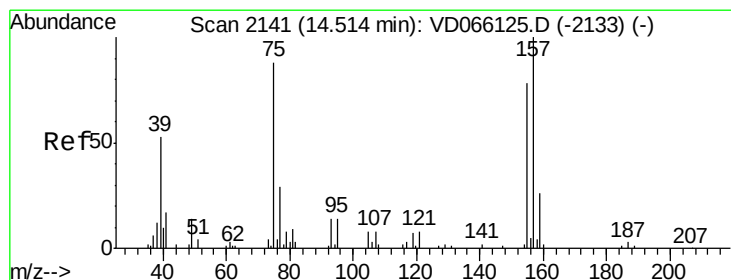
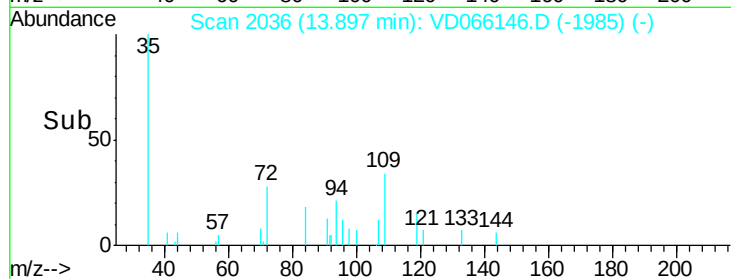
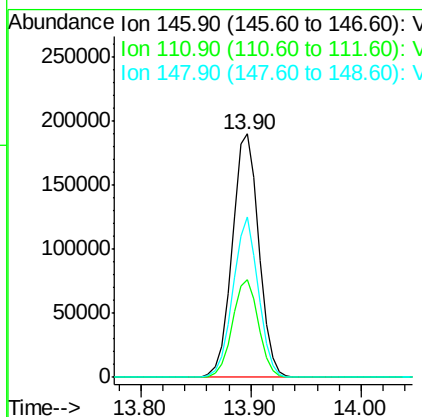
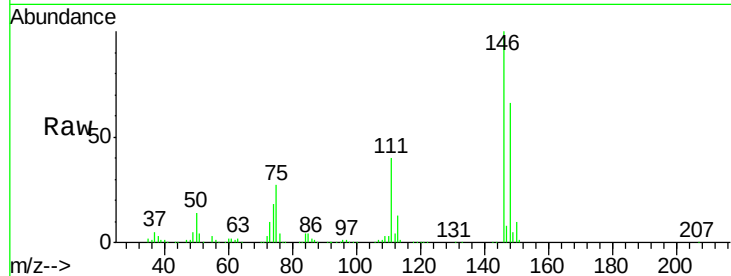




#91
 1,2-Dichlorobenzene
 Concen: 49.334 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

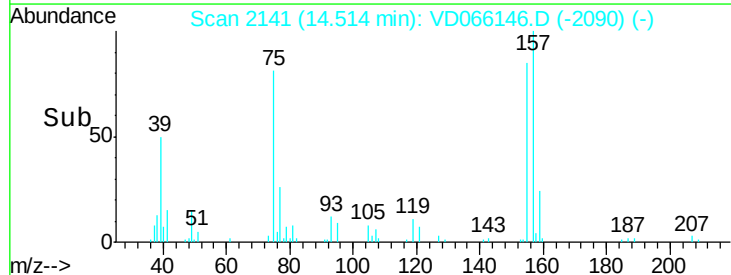
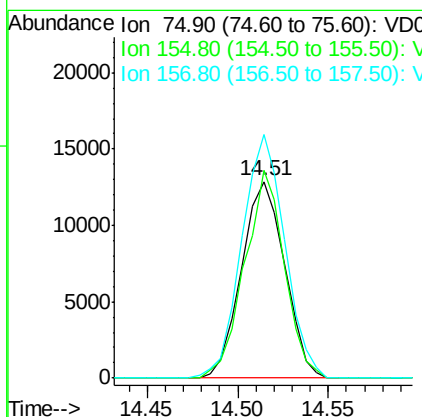
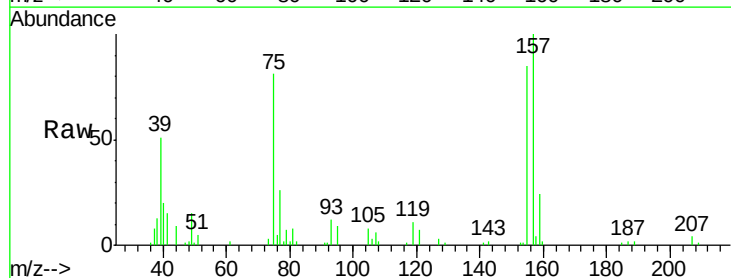
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

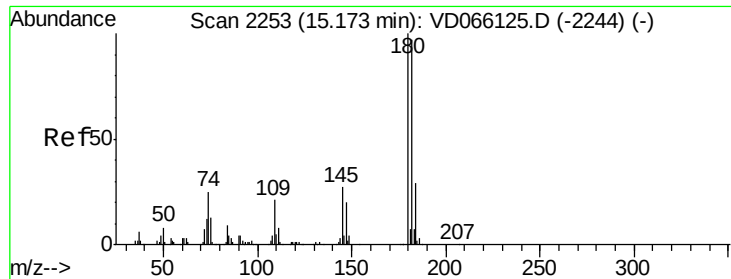
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	62.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.865 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	47.7	143.1
157	123.5	62.1	186.2

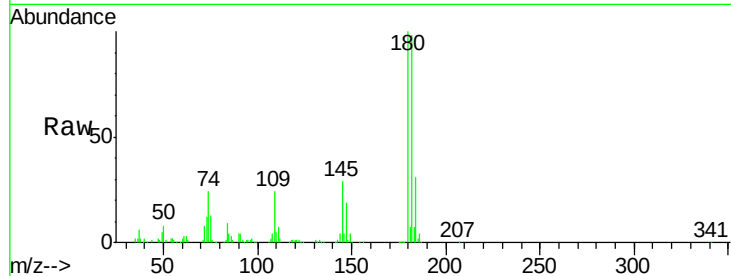




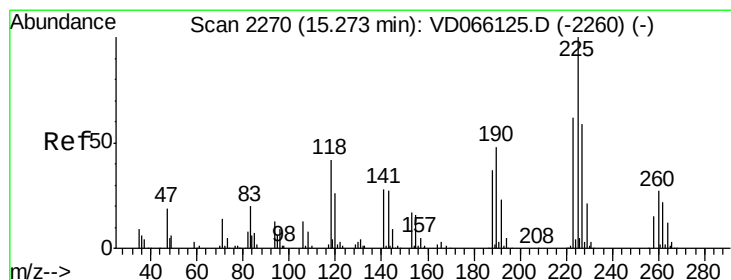
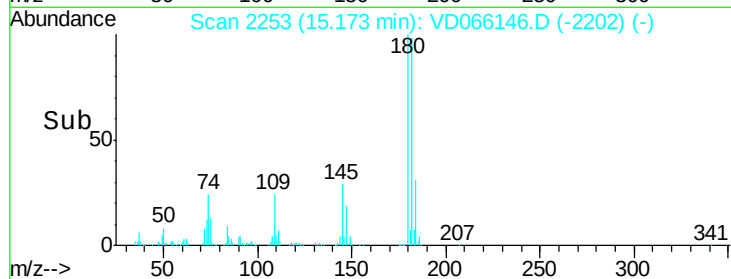
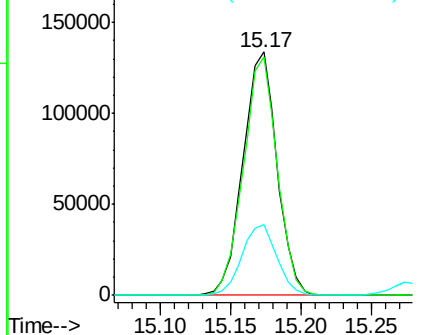
#93
 1,2,4-Trichlorobenzene
 Concen: 47.245 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	29.8	14.5	43.6

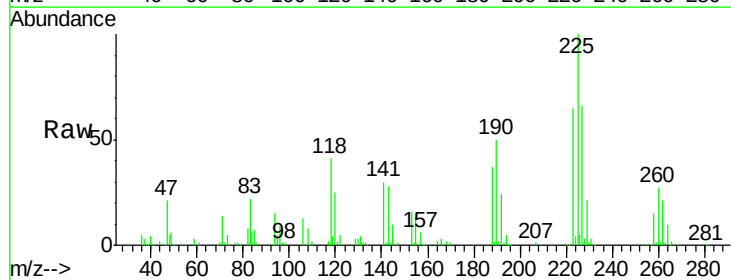


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

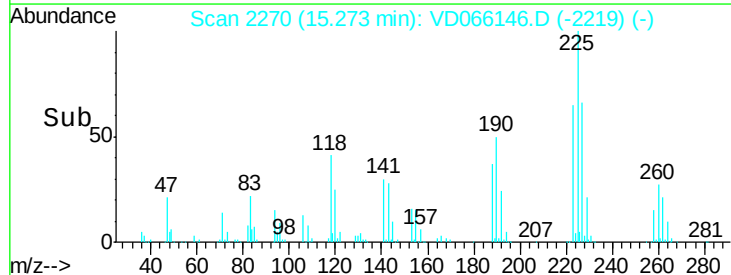
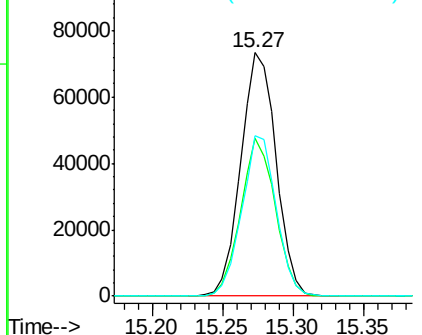


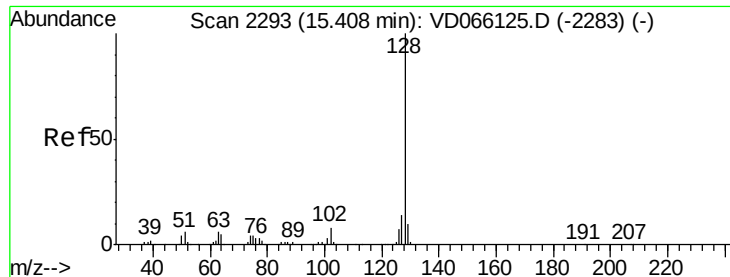
#94
 Hexachlorobutadiene
 Concen: 45.588 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066146.D
 Acq: 06 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.9
227	64.4	32.1	96.5



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

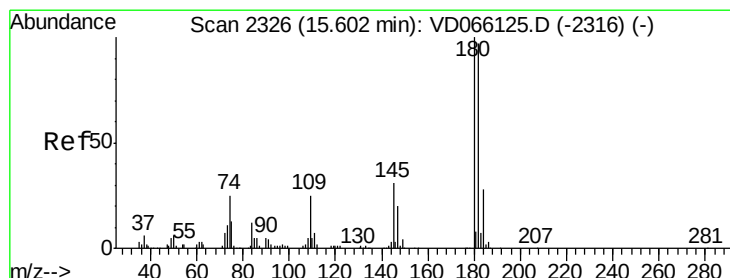
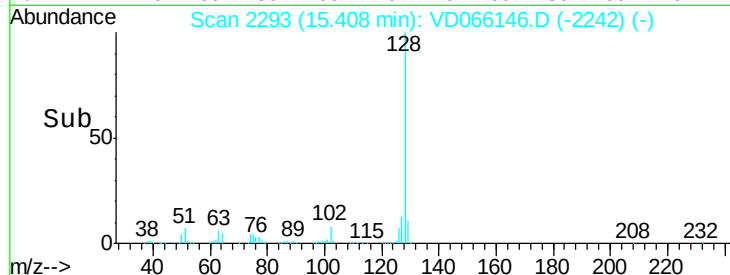
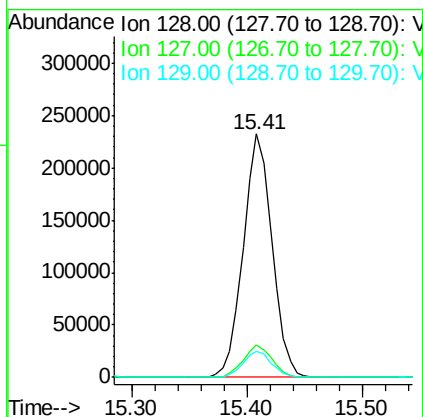
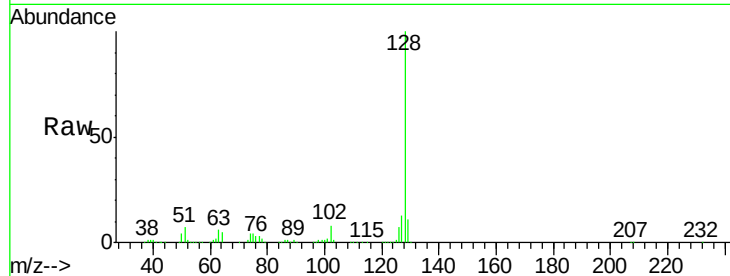




#95
Naphthalene
Concen: 51.550 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.035 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066146.D
Acq: 06 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.4
145	31.0	14.9	44.9

