

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066626.D
 Acq On : 10 Sep 2020 19:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 02:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	322400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	537081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	507715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241003	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225936	57.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.84%	
35) Dibromofluoromethane	7.91	113	206473	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
50) Toluene-d8	10.34	98	744214	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	12.63	95	251605	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	125853	47.039	ug/l	91
3) Chloromethane	2.21	50	191369	46.936	ug/l	96
4) Vinyl Chloride	2.35	62	202671	44.818	ug/l	99
5) Bromomethane	2.77	94	140839	49.190	ug/l	84
6) Chloroethane	2.92	64	126767	44.135	ug/l	99
7) Trichlorofluoromethane	3.27	101	312817	46.826	ug/l	94
8) Diethyl Ether	3.71	74	88208	52.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	169851	46.979	ug/l	98
10) Methyl Iodide	4.30	142	141751	43.548	ug/l	98
11) Tert butyl alcohol	5.21	59	62145	255.755	ug/l	100
12) 1,1-Dichloroethene	4.07	96	154997	47.718	ug/l	99
13) Acrolein	3.92	56	49167	308.267	ug/l	97
14) Allyl chloride	4.71	41	273763	51.426	ug/l	98
15) Acrylonitrile	5.42	53	207050	286.520	ug/l	100
16) Acetone	4.16	43	171010	238.267	ug/l	94
17) Carbon Disulfide	4.40	76	498790	46.711	ug/l	97
18) Methyl Acetate	4.71	43	93112	54.422	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	424764	55.764	ug/l	96
20) Methylene Chloride	4.97	84	220926	57.471	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	196295	50.890	ug/l	97
22) Diisopropyl ether	6.36	45	618812	56.527	ug/l	98
23) Vinyl Acetate	6.30	43	1801056	289.108	ug/l	98
24) 1,1-Dichloroethane	6.26	63	361294	52.482	ug/l	97
25) 2-Butanone	7.21	43	259016	268.838	ug/l	96
26) 2,2-Dichloropropane	7.20	77	298445	47.262	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	221998	53.520	ug/l	99
28) Bromochloromethane	7.54	49	154741	58.385	ug/l	99
29) Tetrahydrofuran	7.56	42	170450	284.066	ug/l	100
30) Chloroform	7.71	83	391450	53.748	ug/l	94
31) Cyclohexane	7.98	56	293148	46.066	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	342898	50.077	ug/l	98
36) 1,1-Dichloropropene	8.11	75	276367	49.445	ug/l	99
37) Ethyl Acetate	7.29	43	126092	56.653	ug/l	95
38) Carbon Tetrachloride	8.09	117	299118	50.630	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	310251	49.709	ug/l	97
40) Benzene	8.35	78	790741	51.655	ug/l	100
41) Methacrylonitrile	7.56	41	173122	160.691	ug/l #	45
42) 1,2-Dichloroethane	8.42	62	259010	52.221	ug/l	100
43) Isopropyl Acetate	8.45	43	237856	55.766	ug/l	99
44) Trichloroethene	9.11	130	204383	50.899	ug/l	98
45) 1,2-Dichloropropane	9.38	63	206928	53.752	ug/l	92
46) Dibromomethane	9.47	93	114606	53.960	ug/l	97
47) Bromodichloromethane	9.66	83	306834	53.397	ug/l	97
48) Methyl methacrylate	9.45	41	124616	57.779	ug/l	97
49) 1,4-Dioxane	9.46	88	25139	1078.877	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	630228	292.981	ug/l	97
52) Toluene	10.40	92	518016	53.458	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	276752	54.557	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	326693	53.629	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	154187	56.461	ug/l	96
56) Ethyl methacrylate	10.66	69	188258	59.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	264568	55.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	411977	283.274	ug/l	100
59) 2-Hexanone	10.98	43	421949	291.690	ug/l	100
60) Dibromochloromethane	11.14	129	201713	55.858	ug/l	97
61) 1,2-Dibromoethane	11.24	107	149184	56.152	ug/l	99
64) Tetrachloroethene	10.87	164	161036	47.108	ug/l	97
65) Chlorobenzene	11.67	112	536341	51.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	203783	50.955	ug/l	98
67) Ethyl Benzene	11.74	91	994534	51.688	ug/l	99
68) m/p-Xylenes	11.86	106	753495	105.468	ug/l	98
69) o-Xylene	12.18	106	342623	53.512	ug/l	99
70) Styrene	12.20	104	605549	54.401	ug/l	99
71) Bromoform	12.36	173	105750	52.468	ug/l #	99
73) Isopropylbenzene	12.48	105	926844	51.943	ug/l	100
74) N-amyl acetate	12.29	43	219587	54.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	166099	52.690	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	223934	96.615	ug/l #	100
77) Bromobenzene	12.76	156	210527	52.921	ug/l	99
78) n-propylbenzene	12.82	91	1118013	51.686	ug/l	99
79) 2-Chlorotoluene	12.91	91	630142	51.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	781398	52.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51175	51.547	ug/l	94
82) 4-Chlorotoluene	13.01	91	662570	51.059	ug/l	99
83) tert-Butylbenzene	13.23	119	643641	52.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	786467	52.597	ug/l	99
85) sec-Butylbenzene	13.40	105	912256	51.629	ug/l	100
86) p-Isopropyltoluene	13.52	119	837624	52.668	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	405896	51.395	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	393800	49.680	ug/l	99
89) n-Butylbenzene	13.84	91	794954	51.295	ug/l	99
90) Hexachloroethane	14.11	117	169512	49.468	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	353314	51.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26542	49.565	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

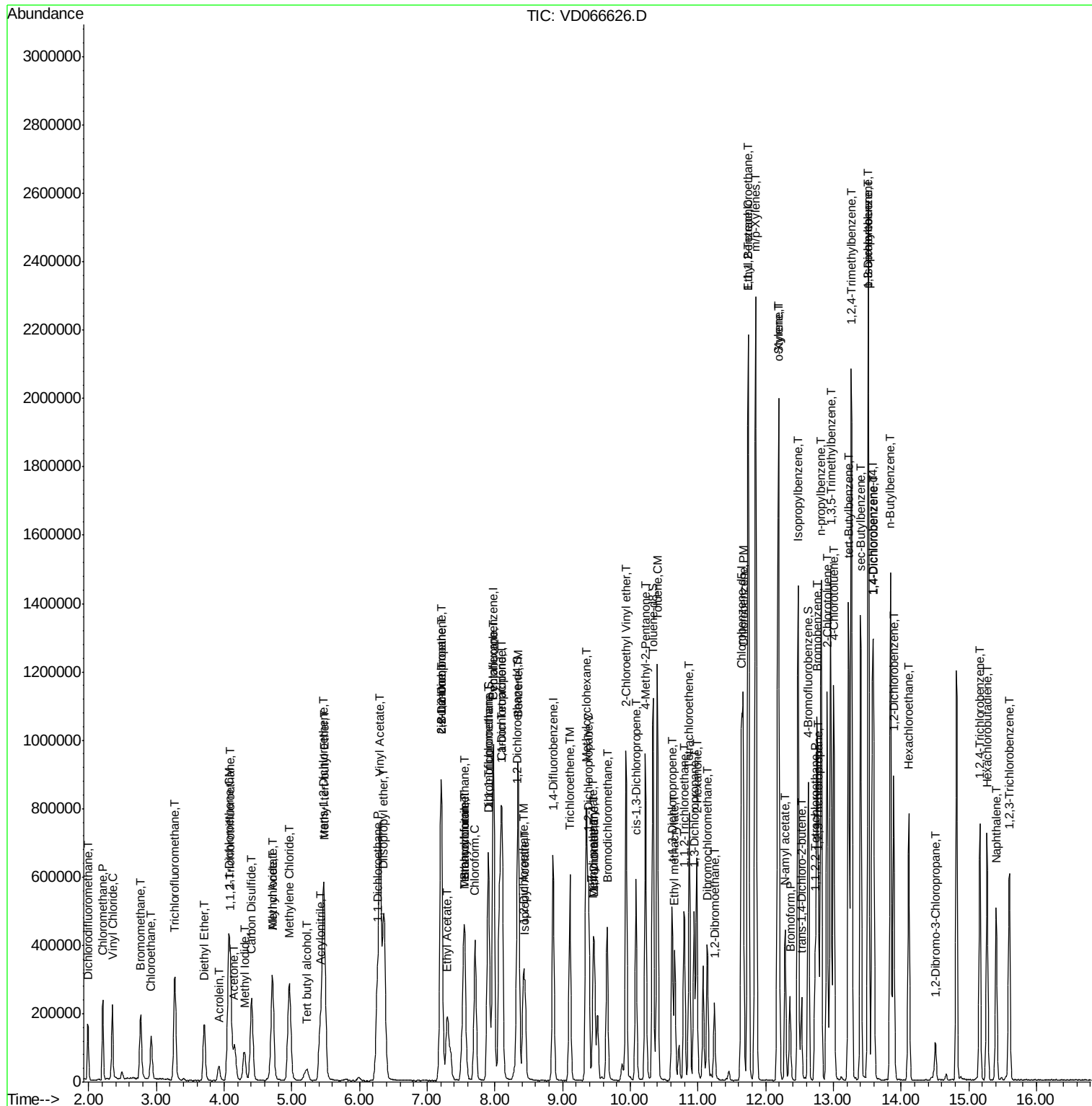
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	212447	51.281	ug/l	99
94) Hexachlorobutadiene	15.27	225	122557	49.242	ug/l	98
95) Naphthalene	15.41	128	421329	58.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	195306	55.296	ug/l	99

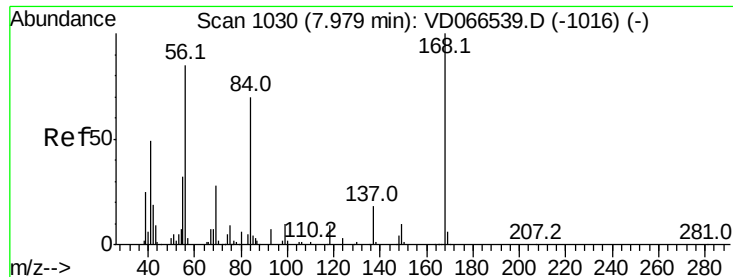
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

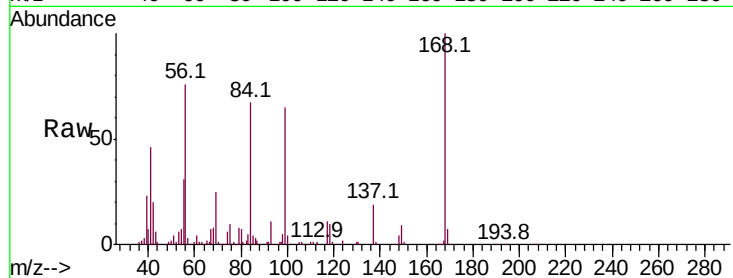
VSTDCCC050EC

Tot Ion:168 Resp: 322400

Ion Ratio Lower Upper

168 100

99 64.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

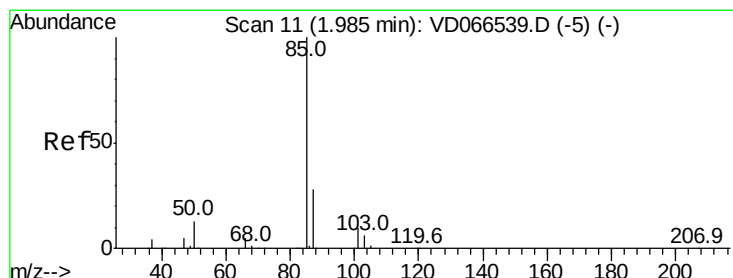
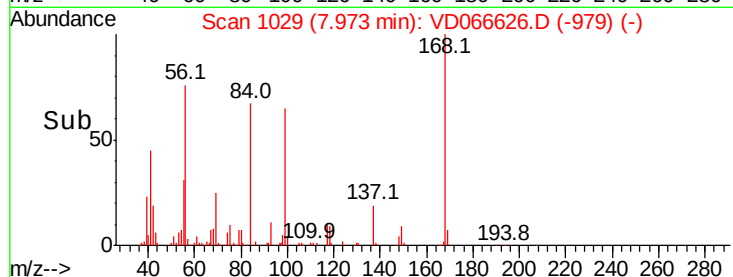
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 47.039 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066626.D

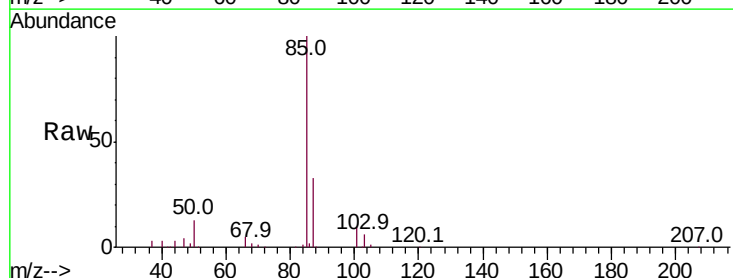
Acq: 10 Sep 2020 19:50

Tgt Ion: 85 Resp: 125853

Ion Ratio Lower Upper

85 100

87 33.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

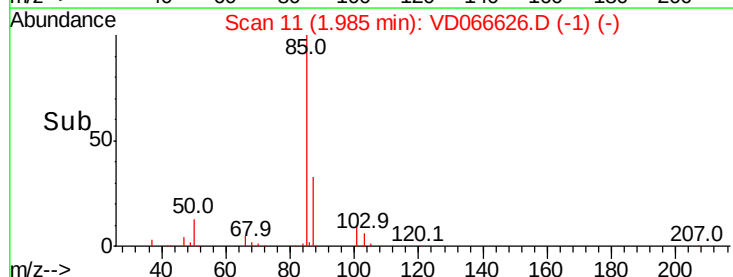
40000

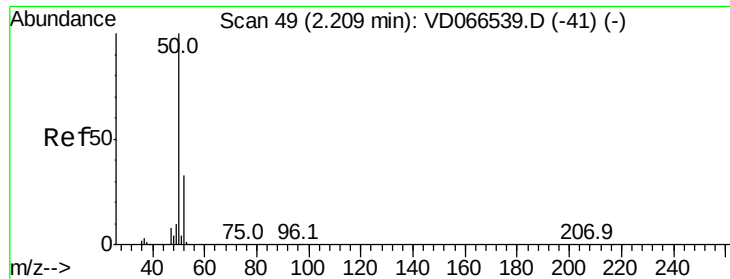
20000

0

1.95 2.00 2.05

Time-->

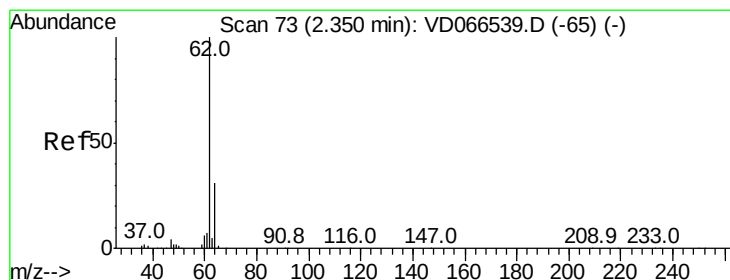
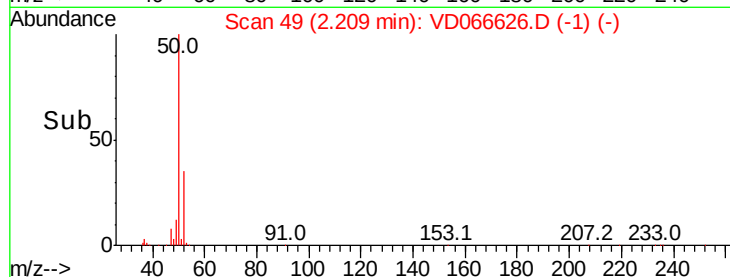
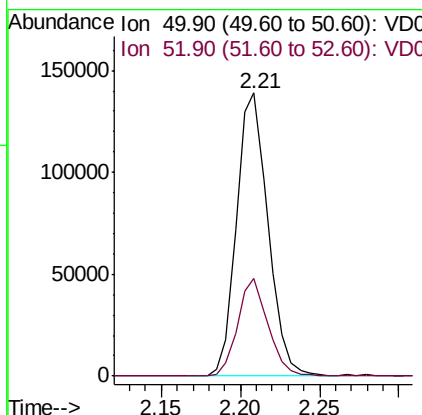
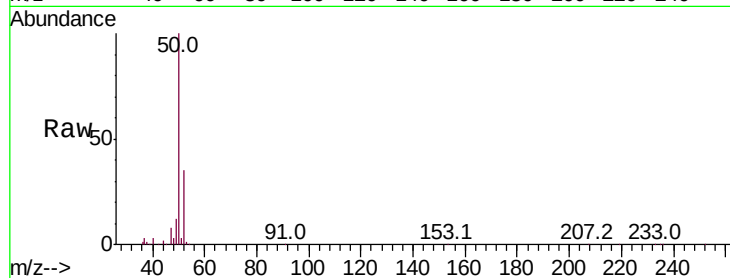




#3
Chloromethane
Concen: 46.936 ug/l
RT: 2.21 min Scan# 49
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

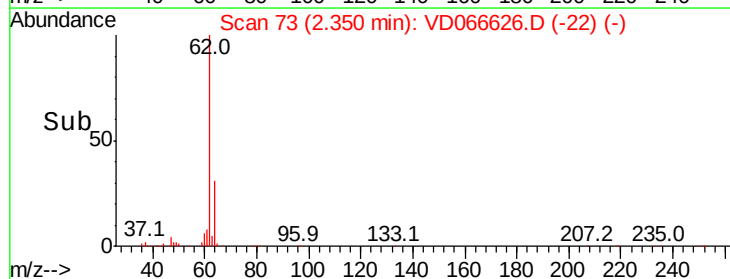
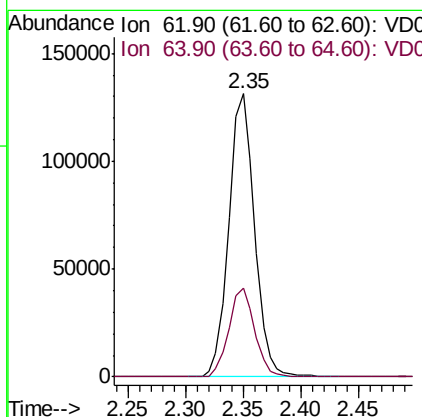
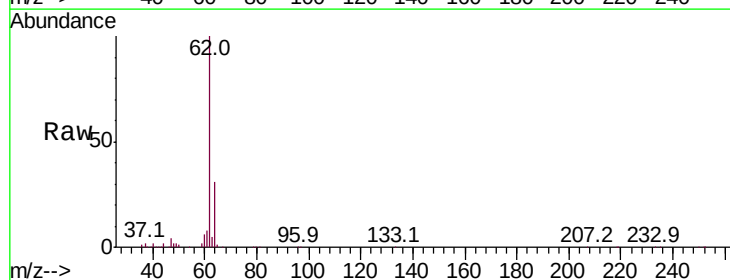
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

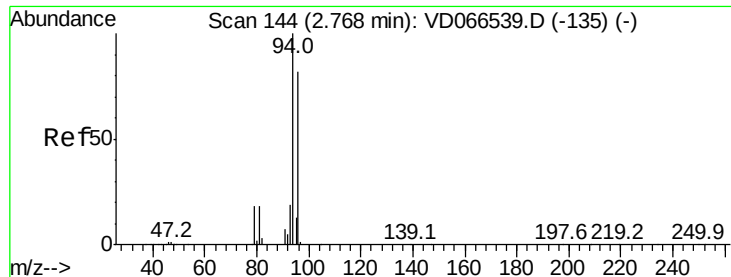
Tot Ion: 50 Resp: 191369
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.2



#4
Vinyl Chloride
Concen: 44.818 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 62 Resp: 202671
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9





#5

Bromomethane

Concen: 49.190 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

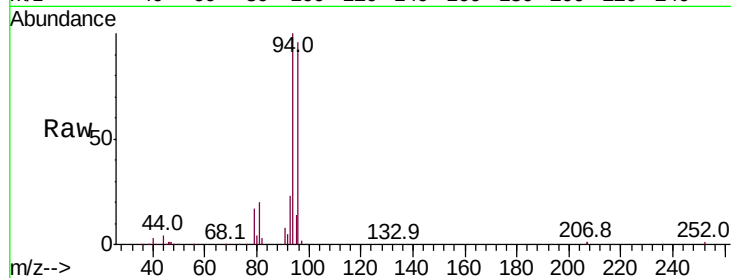
VSTDCCC050EC

Tot Ion: 94 Resp: 140839

Ion Ratio Lower Upper

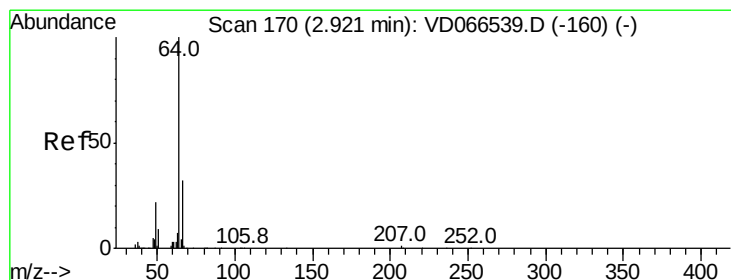
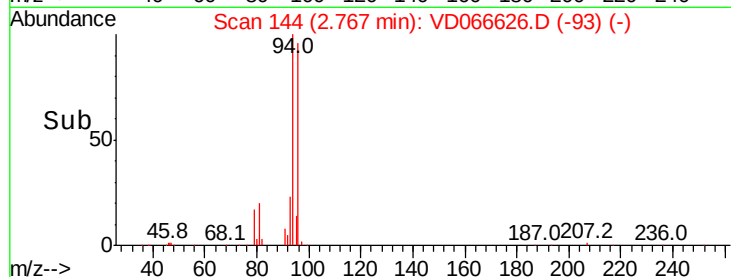
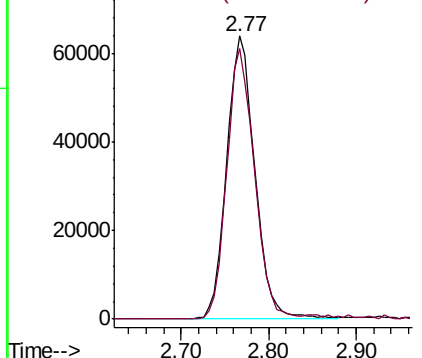
94 100

96 95.4 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.135 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066626.D

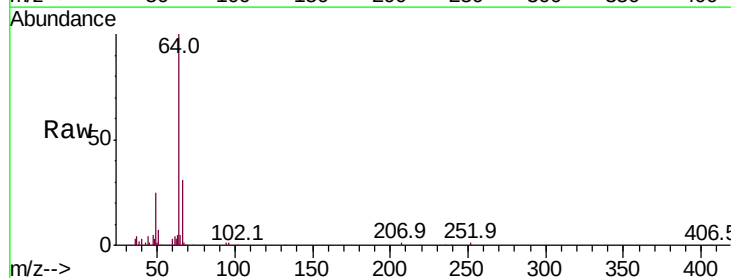
Acq: 10 Sep 2020 19:50

Tgt Ion: 64 Resp: 126767

Ion Ratio Lower Upper

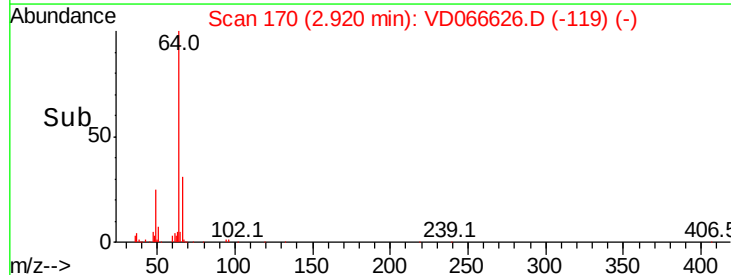
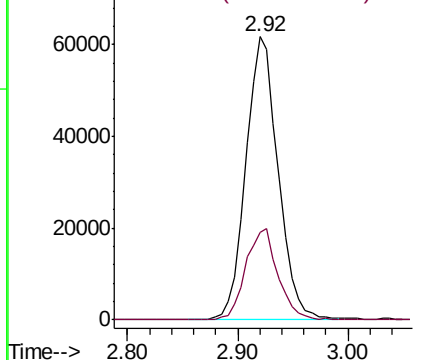
64 100

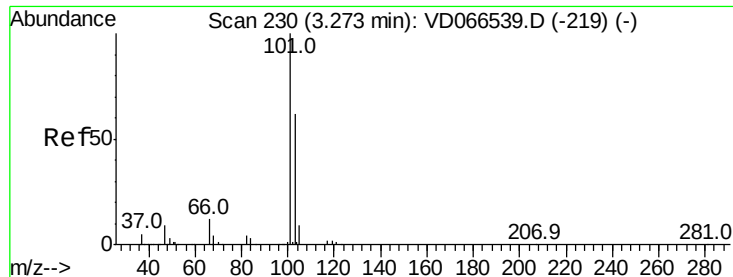
66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



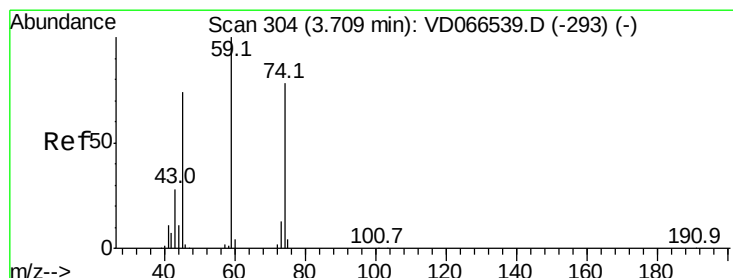
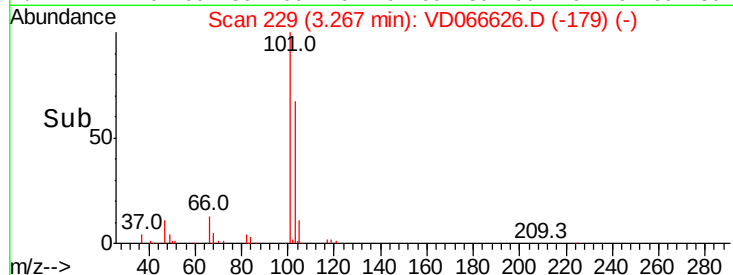
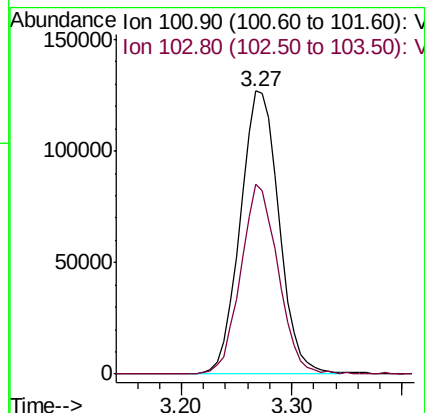
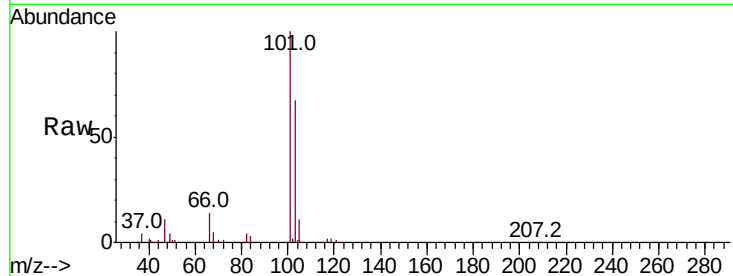


#7

Trichlorofluoromethane
 Concen: 46.826 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066626.D
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Instrument :
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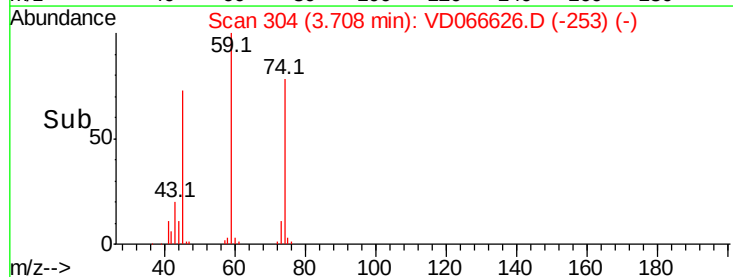
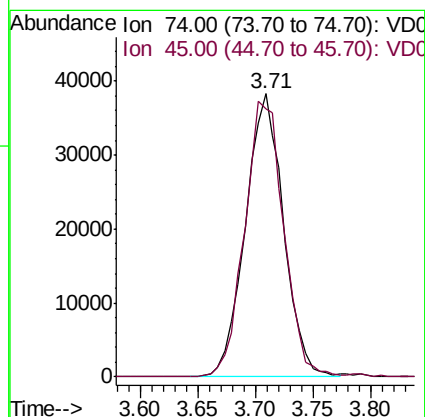
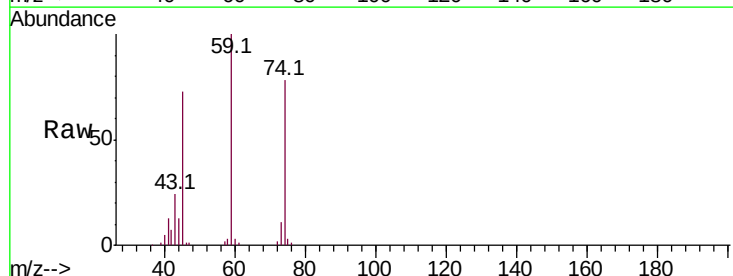
Tot Ion:101 Resp: 312817
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.7 74.5

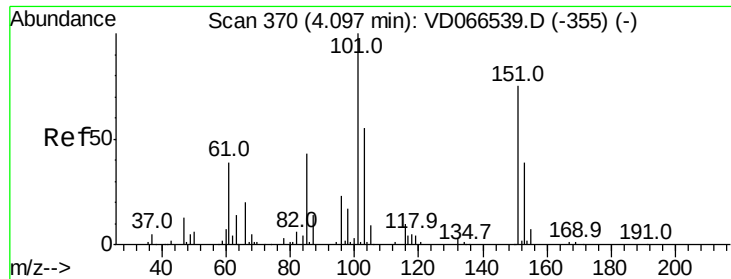


#8

Diethyl Ether
 Concen: 52.436 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion: 74 Resp: 88208
 Ion Ratio Lower Upper
 74 100
 45 100.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.979 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

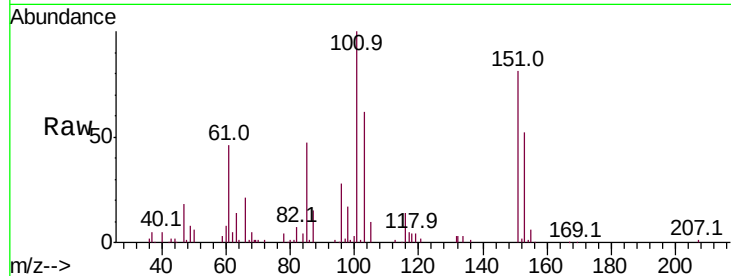
Tot Ion:101 Resp: 169851

Ion Ratio Lower Upper

101 100

85 47.9 37.0 55.6

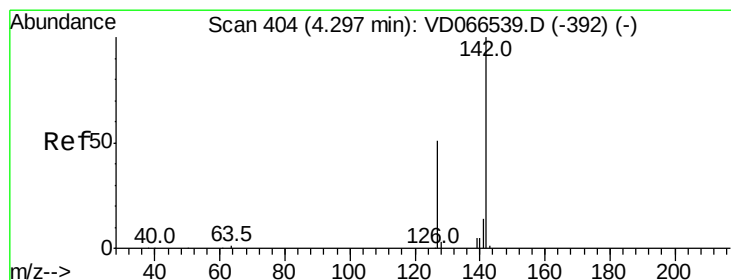
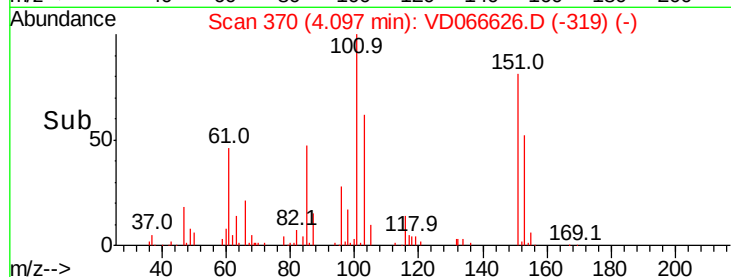
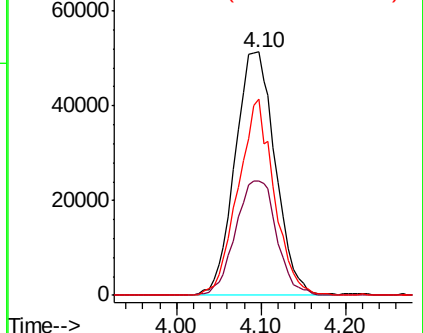
151 72.4 59.4 89.2



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: 43.548 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

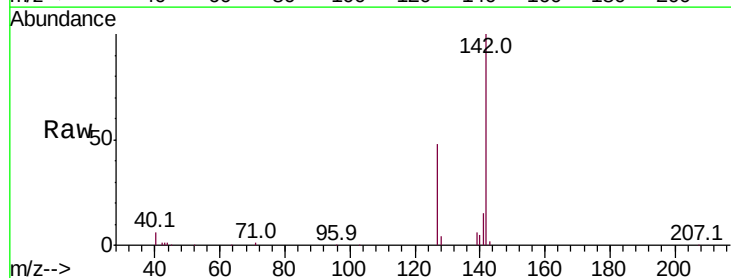
Tgt Ion:142 Resp: 141751

Ion Ratio Lower Upper

142 100

127 49.5 40.6 61.0

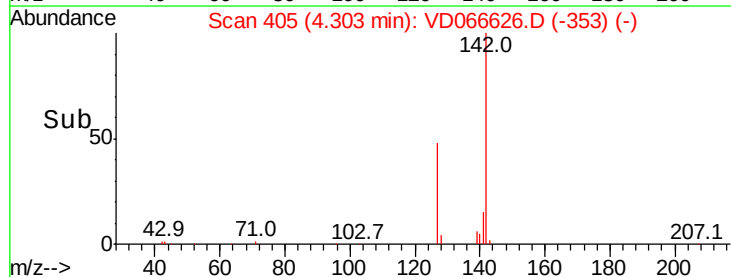
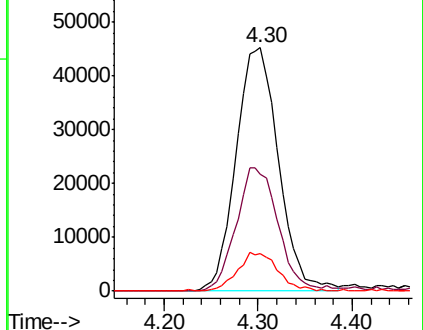
141 15.1 12.2 18.4

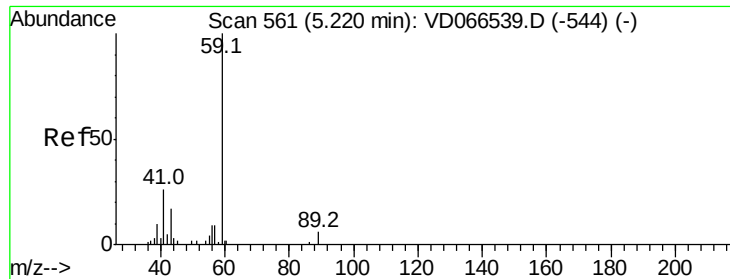


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



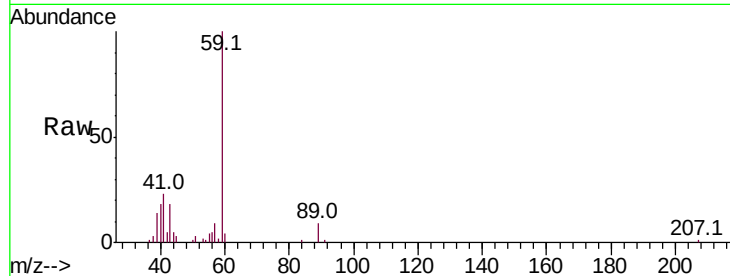


#11

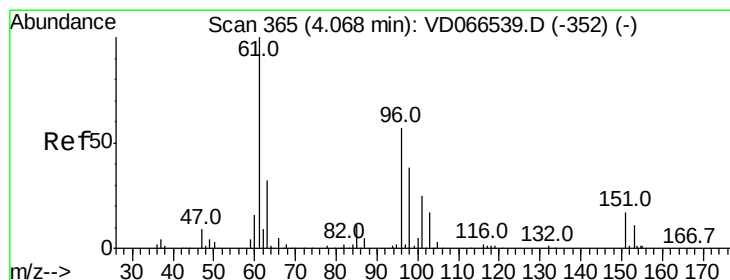
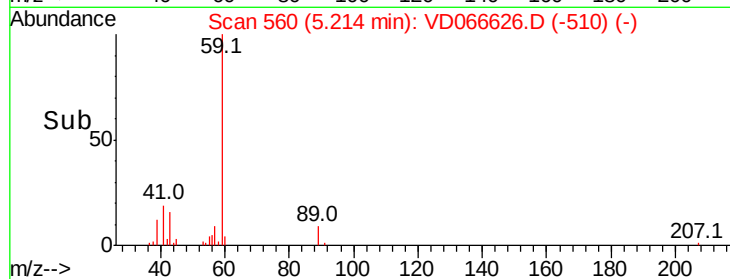
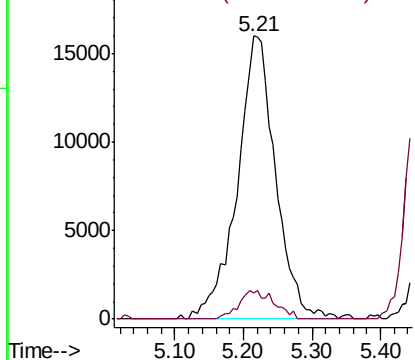
Tert butyl alcohol
Concen: 255.755 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 62145
Ion Ratio Lower Upper
59 100
57 9.4 7.6 11.4



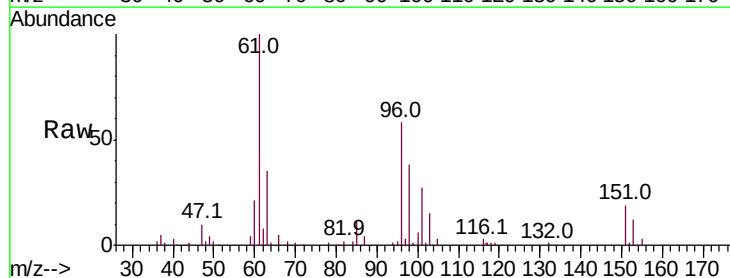
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



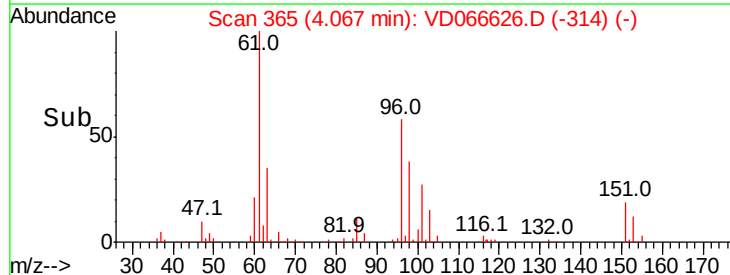
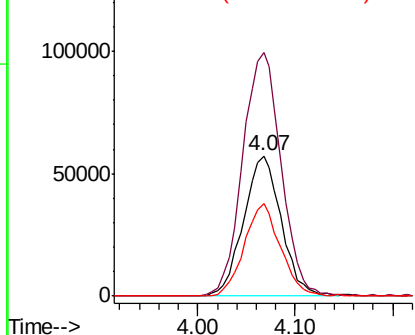
#12

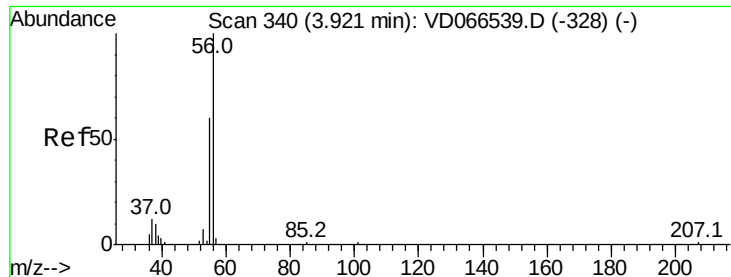
1,1-Dichloroethene
Concen: 47.718 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 96 Resp: 154997
Ion Ratio Lower Upper
96 100
61 173.7 140.9 211.3
98 66.5 53.2 79.8



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





#13

Acrolein

Concen: 308.267 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

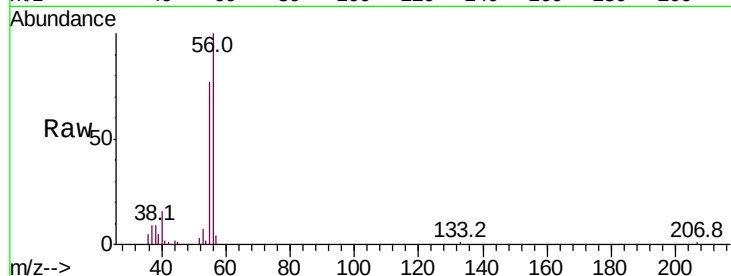
VSTDCCC050EC

Tot Ion: 56 Resp: 49167

Ion Ratio Lower Upper

56 100

55 69.7 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

20000

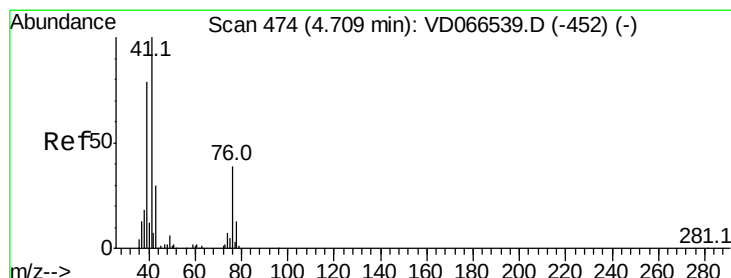
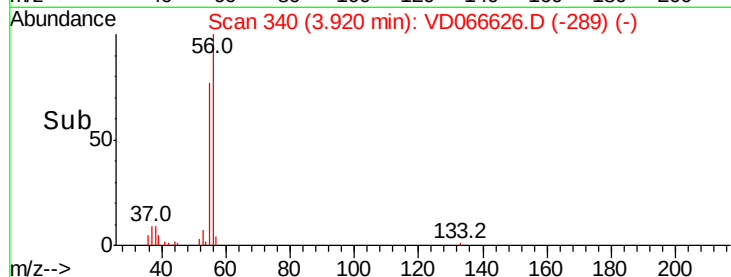
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 51.426 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

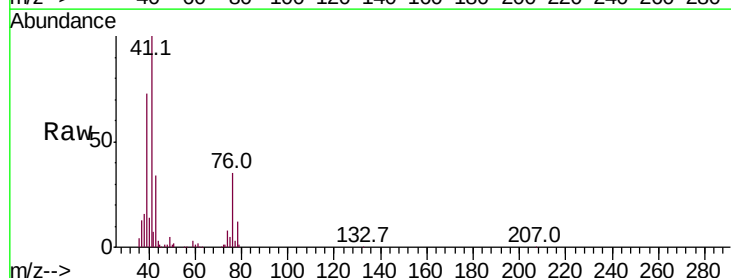
Tgt Ion: 41 Resp: 273763

Ion Ratio Lower Upper

41 100

39 75.4 61.9 92.9

76 36.1 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

120000

100000

80000

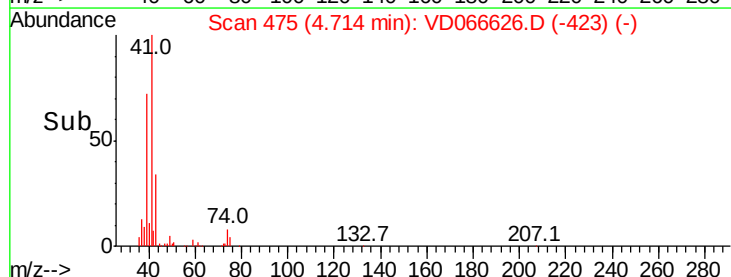
60000

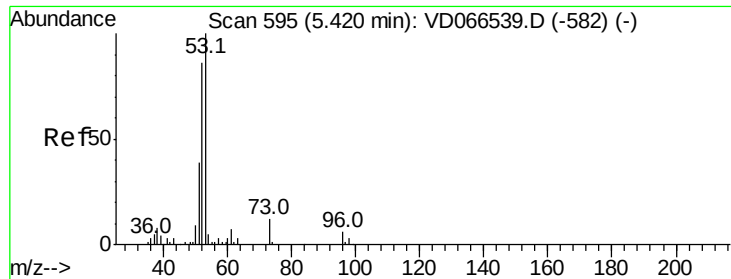
40000

20000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 286.520 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

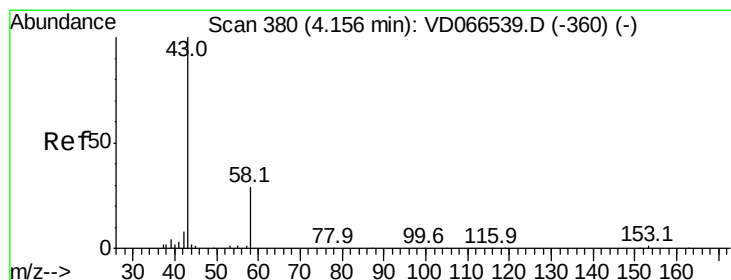
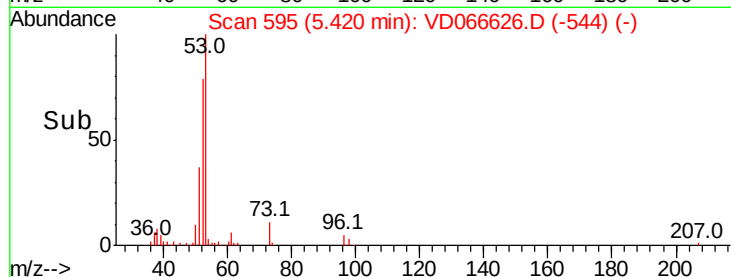
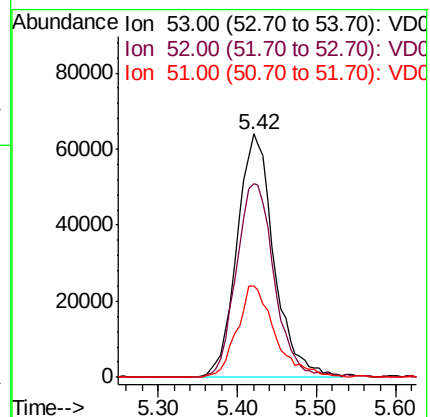
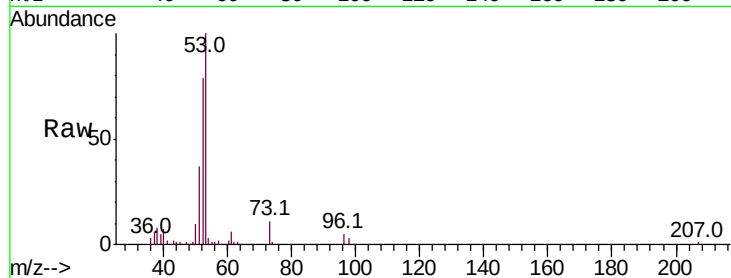
Tot Ion: 53 Resp: 207050

Ion Ratio Lower Upper

53 100

52 81.6 65.4 98.2

51 38.7 31.2 46.8



#16

Acetone

Concen: 238.267 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066626.D

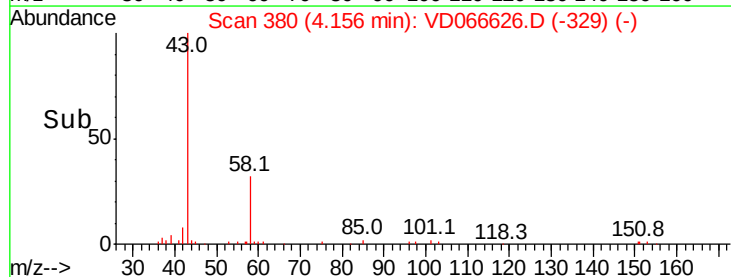
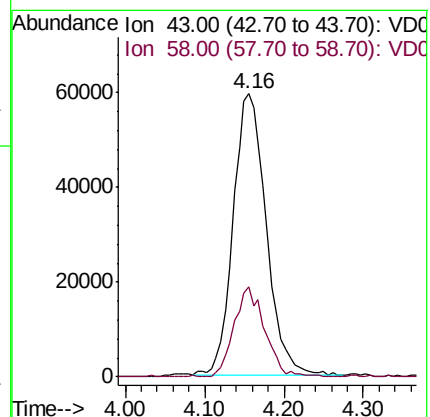
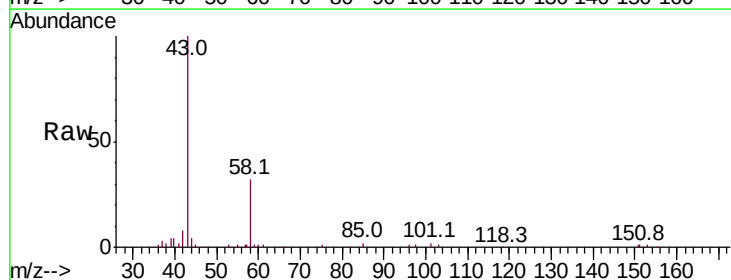
Acq: 10 Sep 2020 19:50

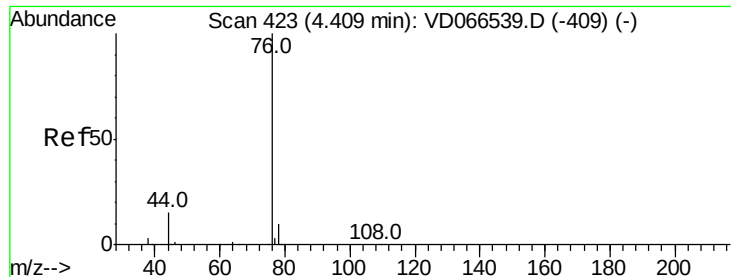
Tgt Ion: 43 Resp: 171010

Ion Ratio Lower Upper

43 100

58 31.6 22.9 34.3





#17

Carbon Disulfide

Concen: 46.711 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

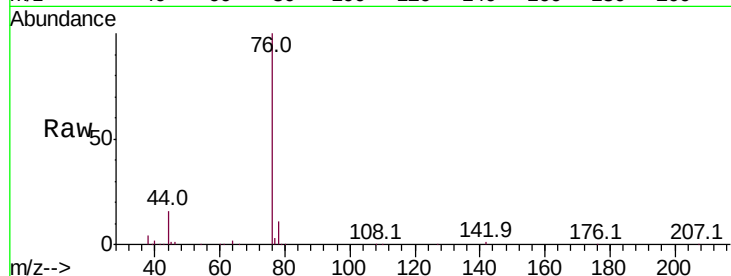
VSTDCCC050EC

Tot Ion: 76 Resp: 498790

Ion Ratio Lower Upper

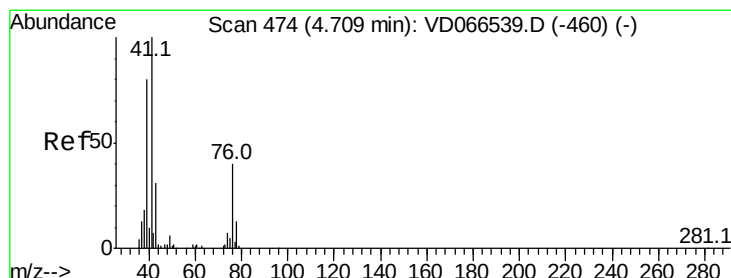
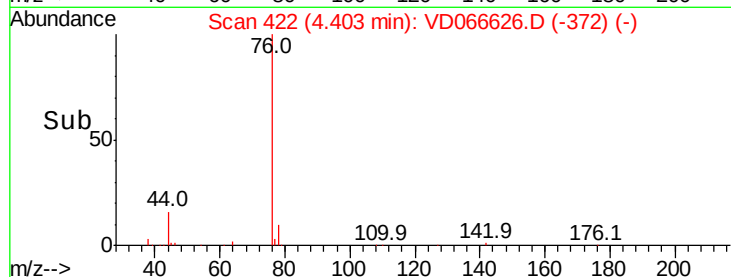
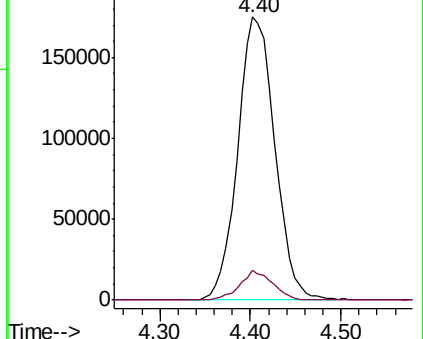
76 100

78 10.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 54.422 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066626.D

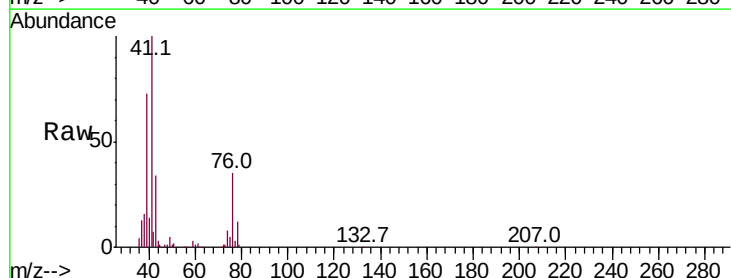
Acq: 10 Sep 2020 19:50

Tgt Ion: 43 Resp: 93112

Ion Ratio Lower Upper

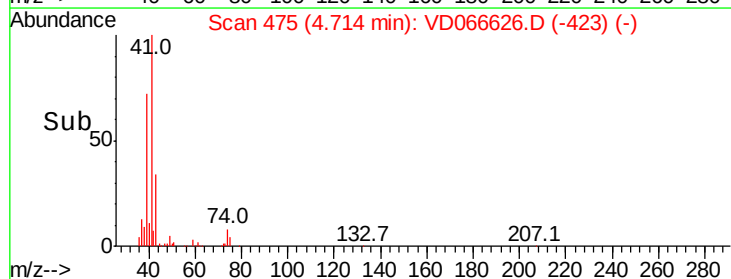
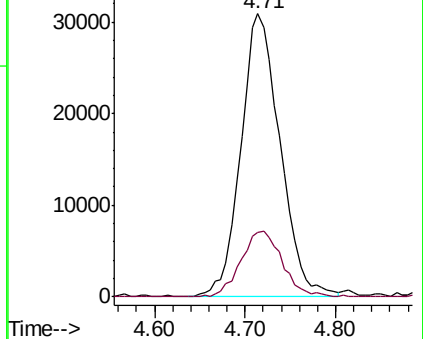
43 100

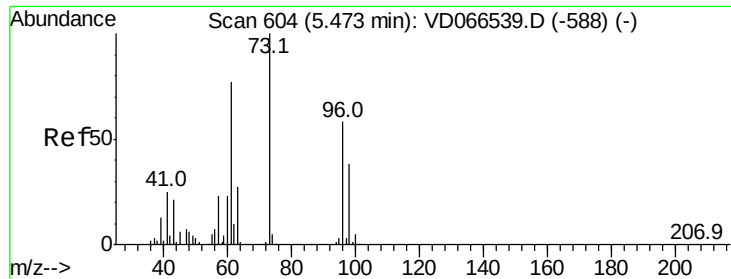
74 24.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

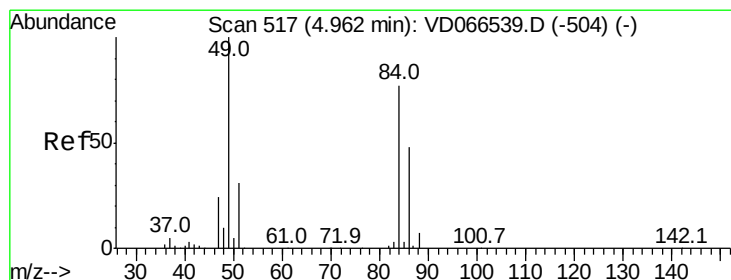
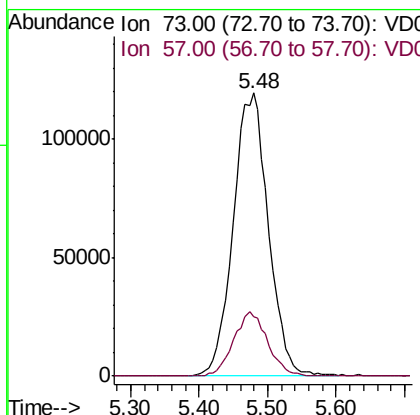
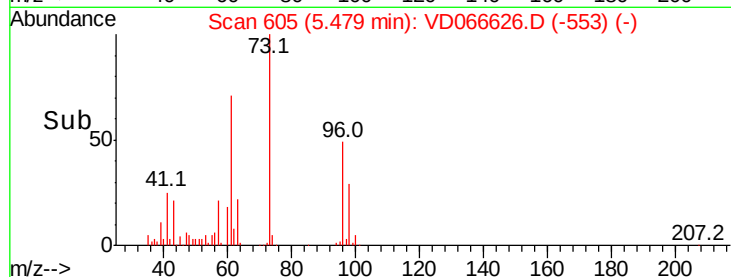
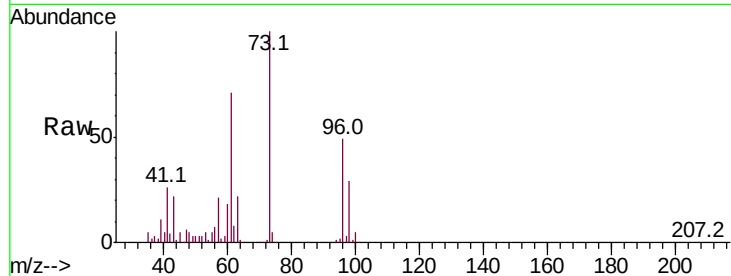




#19
Methyl tert-butyl Ether
Concen: 55.764 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

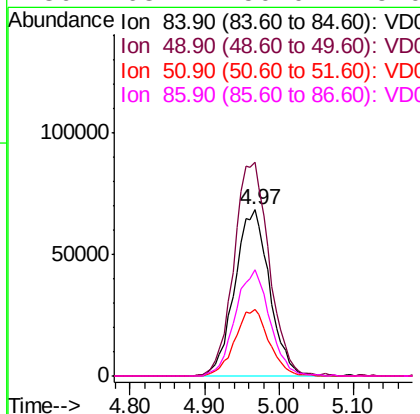
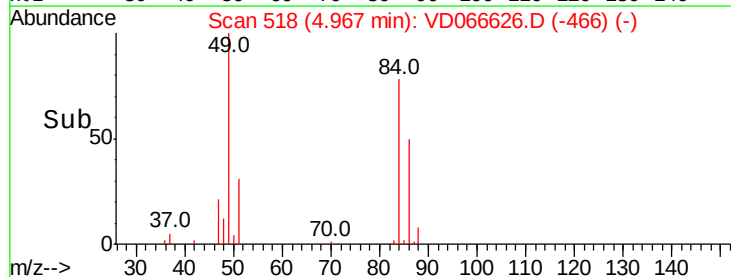
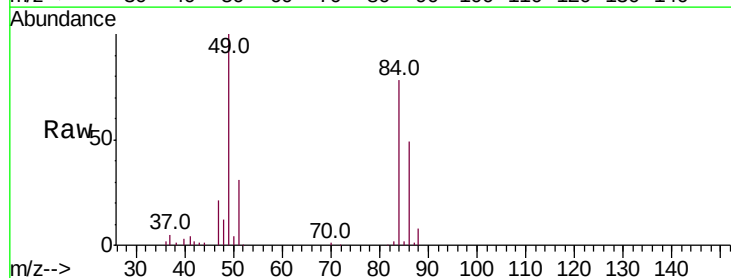
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

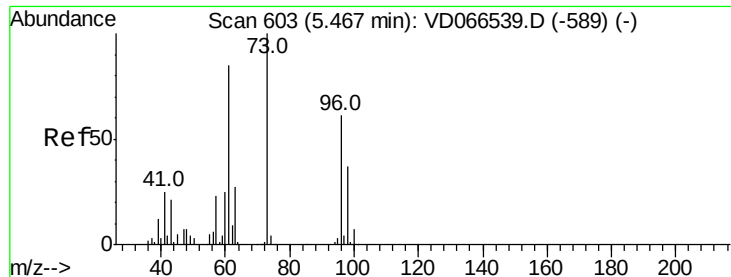
Tot Ion: 73 Resp: 424764
Ion Ratio Lower Upper
73 100
57 21.1 18.3 27.5



#20
Methylene Chloride
Concen: 57.471 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 84 Resp: 220926
Ion Ratio Lower Upper
84 100
49 128.6 104.3 156.5
51 39.9 32.2 48.4
86 63.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.890 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

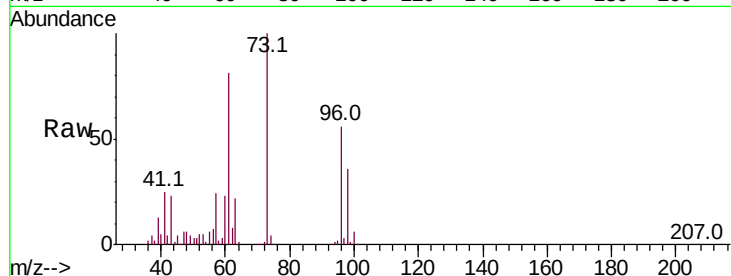
Tot Ion: 96 Resp: 196295

Ion Ratio Lower Upper

96 100

61 143.0 112.1 168.1

98 63.2 48.6 72.8

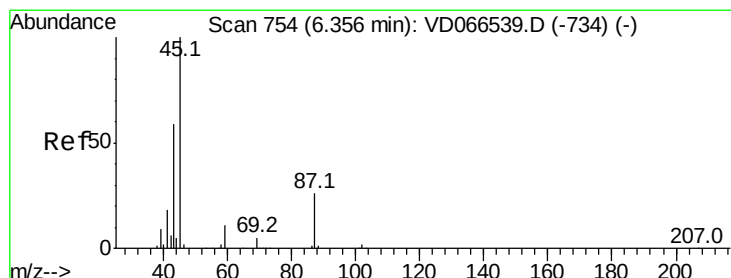
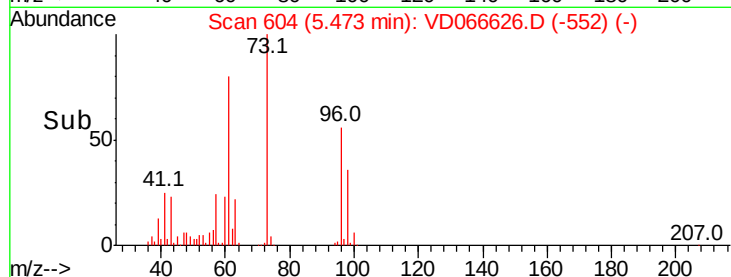
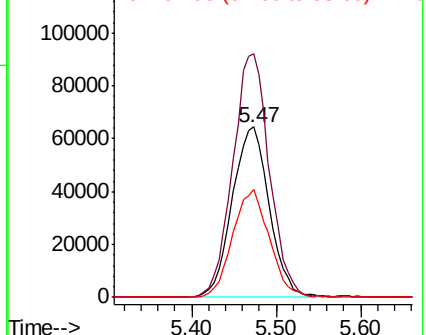


Abundance

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: 56.527 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion: 45 Resp: 618812

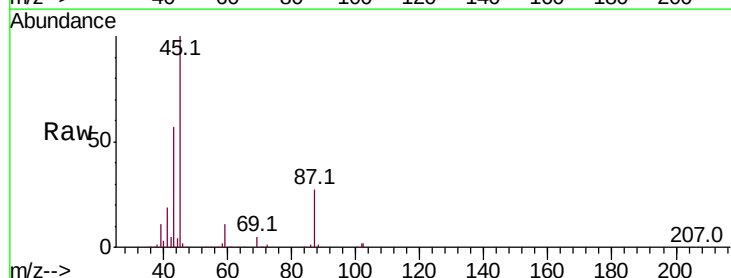
Ion Ratio Lower Upper

45 100

43 56.1 47.0 70.4

87 27.0 21.3 31.9

59 10.9 8.7 13.1



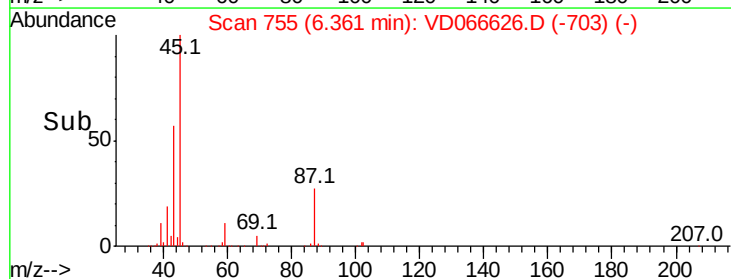
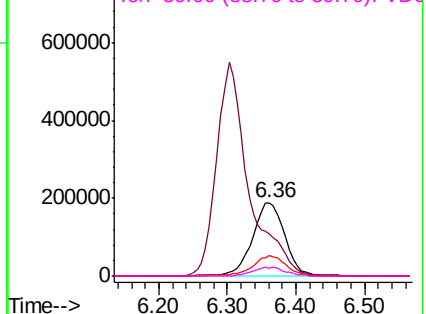
Abundance

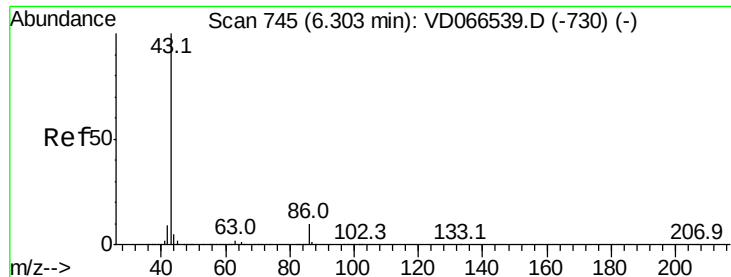
Ion 45.00 (44.70 to 45.70): VDC

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: 289.108 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

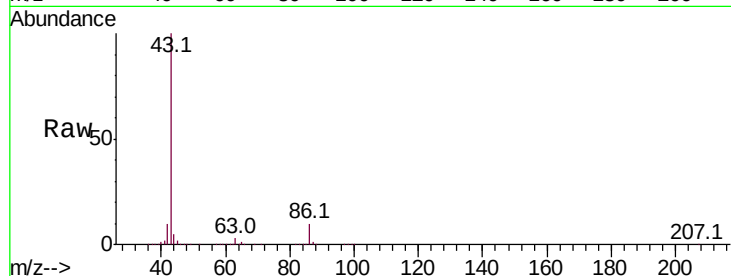
VSTDCCC050EC

Tot Ion: 43 Resp: 1801056

Ion Ratio Lower Upper

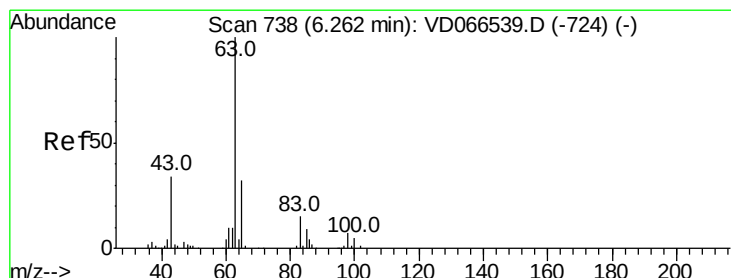
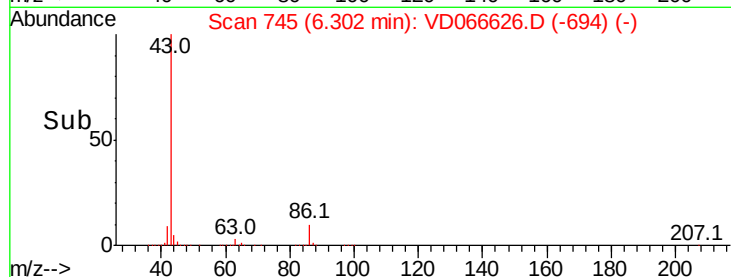
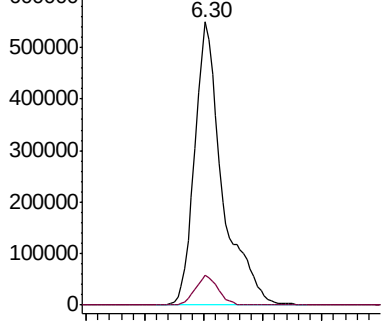
43 100

86 10.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.482 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

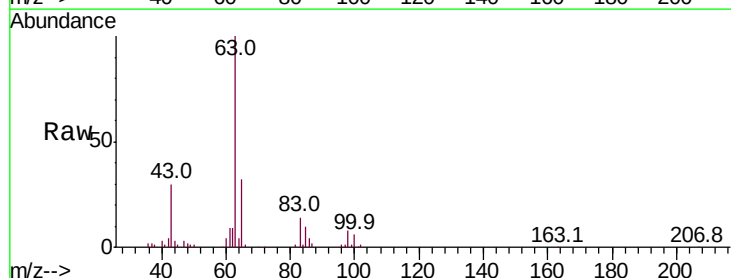
Tgt Ion: 63 Resp: 361294

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

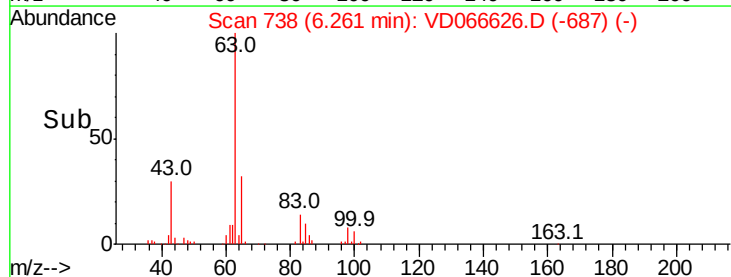
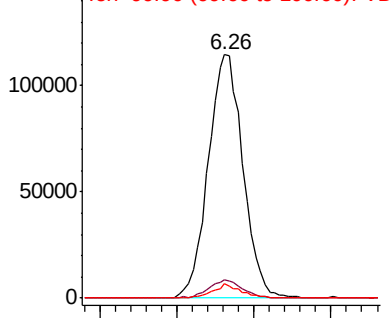
100 6.1 2.5 7.4

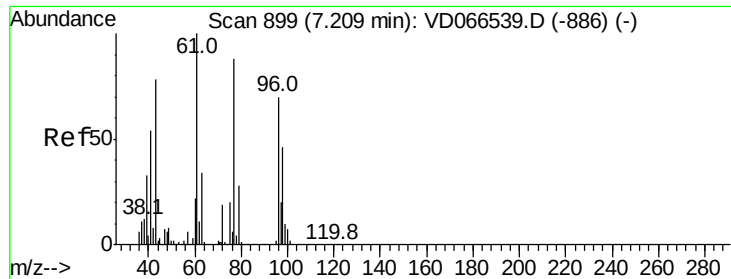


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

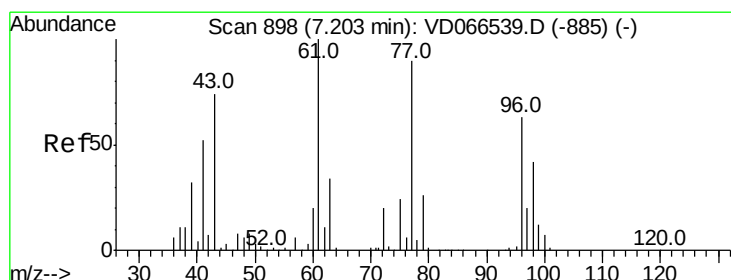
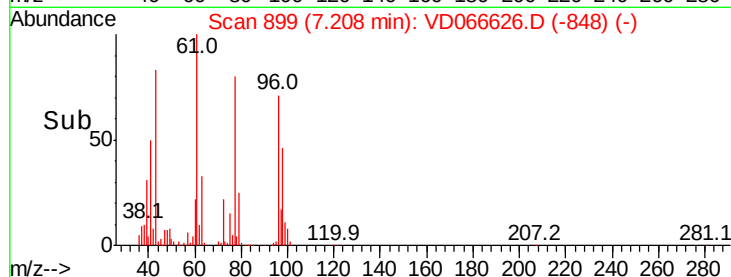
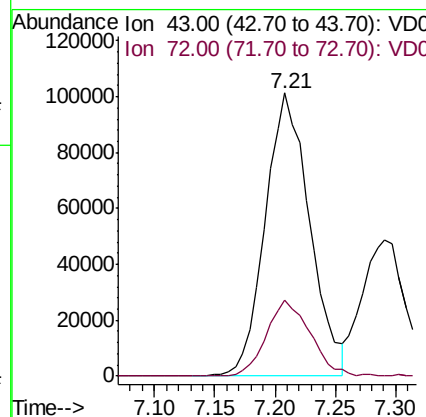
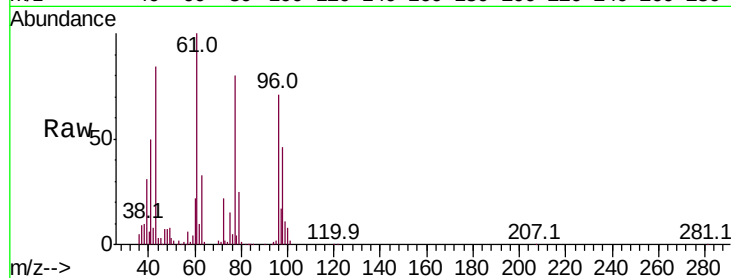




#25
2-Butanone
Concen: 268.838 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

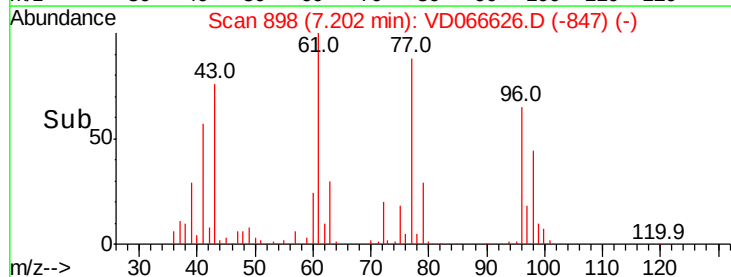
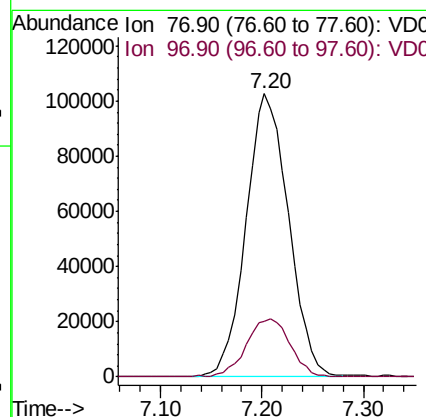
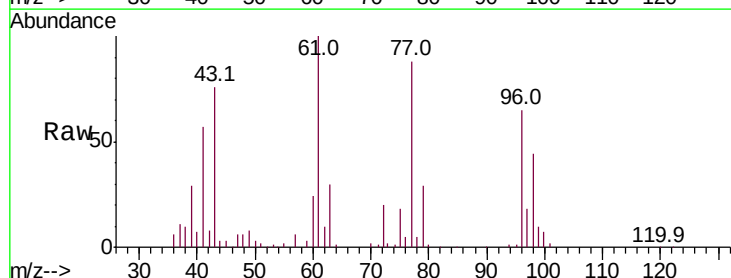
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

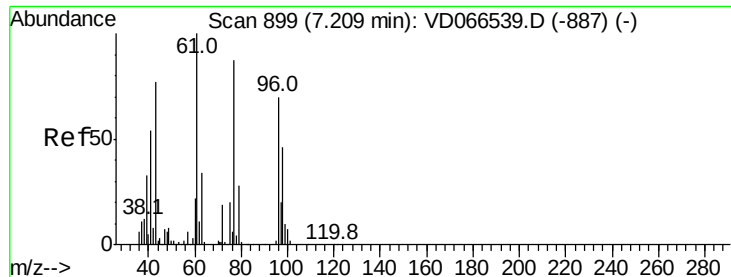
Tot Ion: 43 Resp: 259016
Ion Ratio Lower Upper
43 100
72 26.9 19.8 29.6



#26
2,2-Dichloropropane
Concen: 47.262 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 77 Resp: 298445
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3



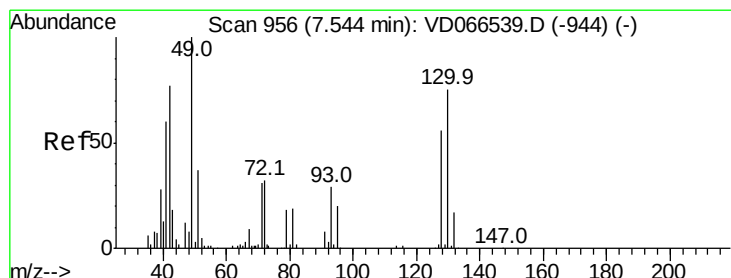
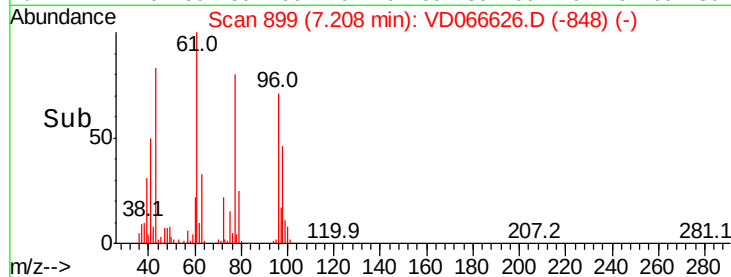
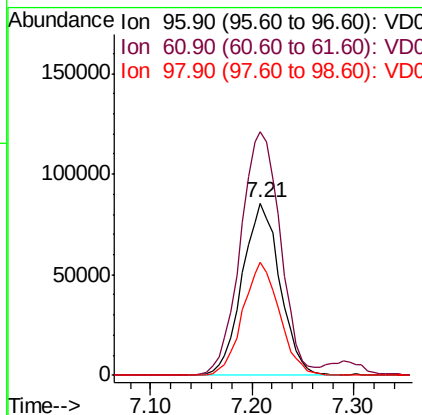
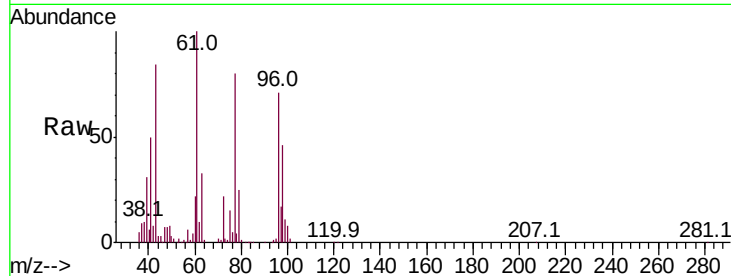


#27

cis-1,2-Dichloroethene
Concen: 53.520 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

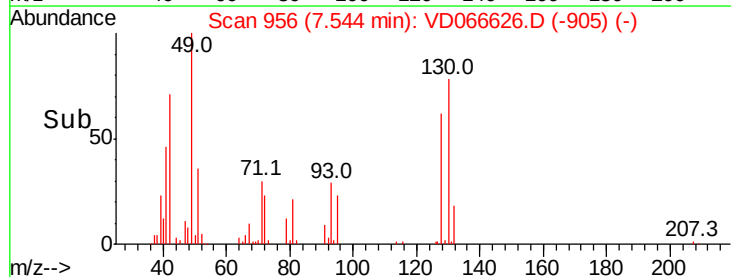
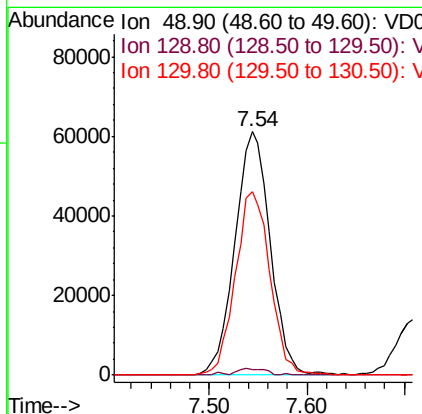
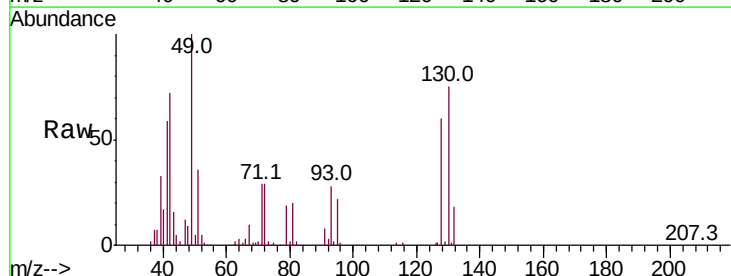
Tot Ion: 96 Resp: 221998
Ion Ratio Lower Upper
96 100
61 149.2 0.0 301.0
98 63.9 0.0 129.8

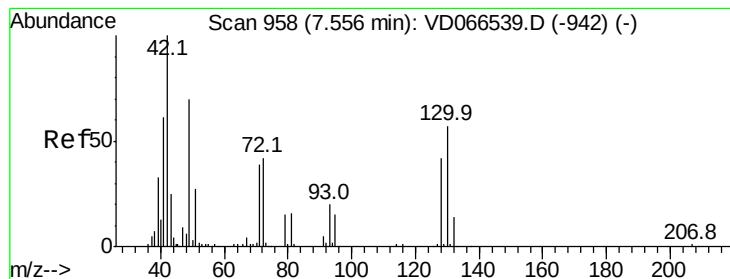


#28

Bromochloromethane
Concen: 58.385 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 49 Resp: 154741
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.6
130 73.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 284.066 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

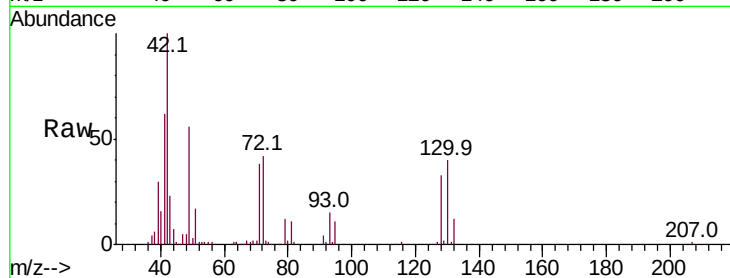
Tot Ion: 42 Resp: 170450

Ion Ratio Lower Upper

42 100

72 42.0 33.4 50.0

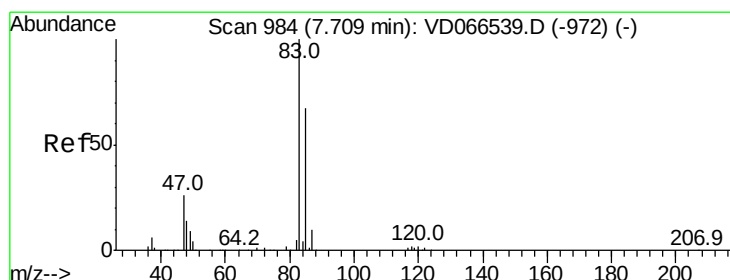
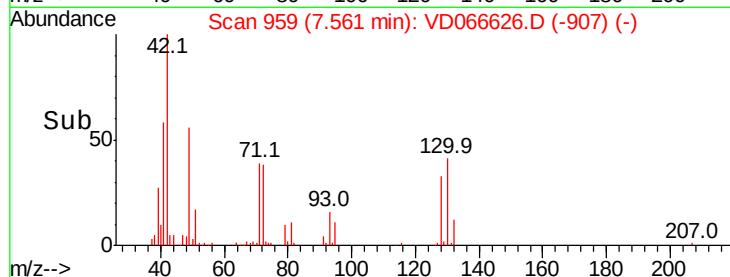
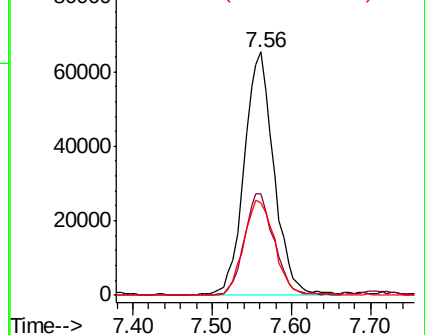
71 40.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.748 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066626.D

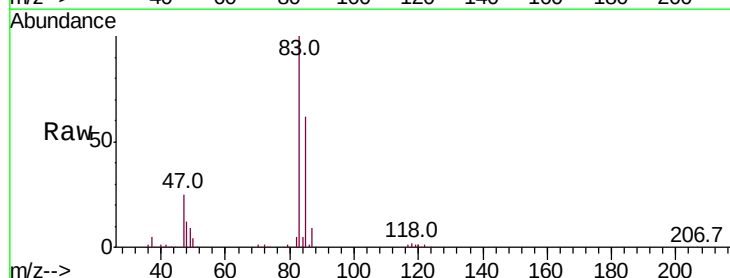
Acq: 10 Sep 2020 19:50

Tgt Ion: 83 Resp: 391450

Ion Ratio Lower Upper

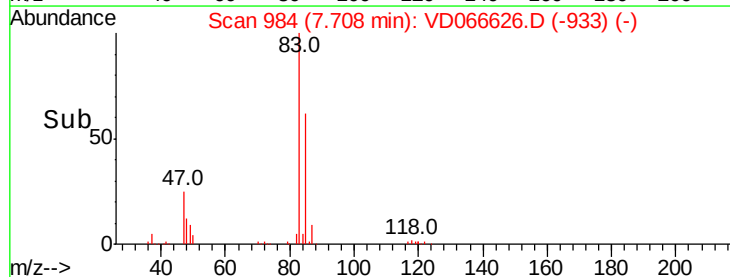
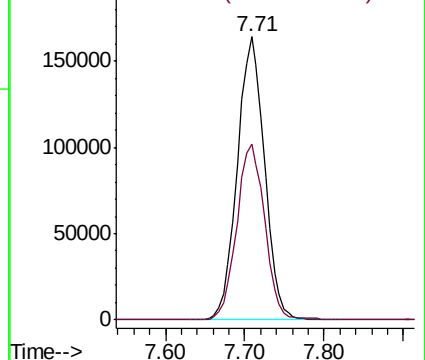
83 100

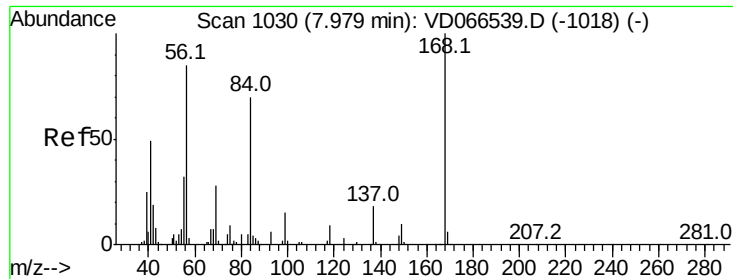
85 62.3 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

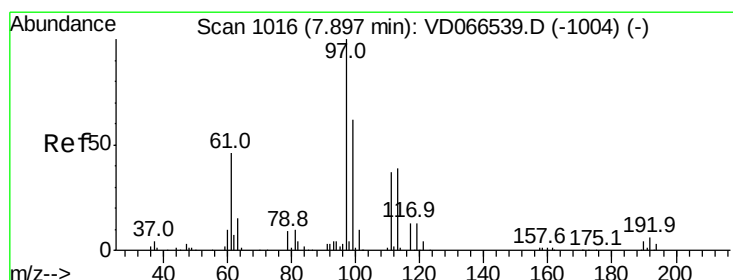
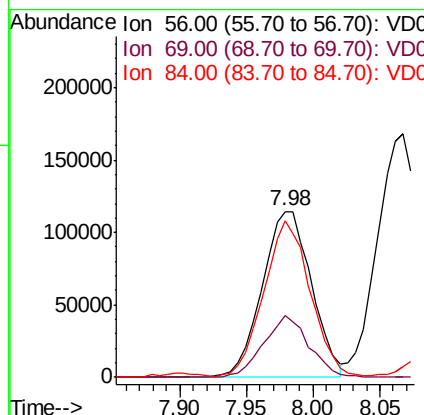
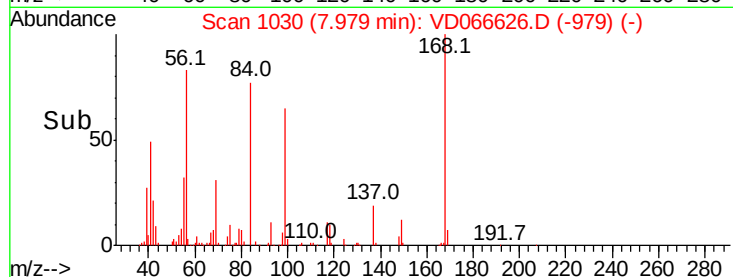
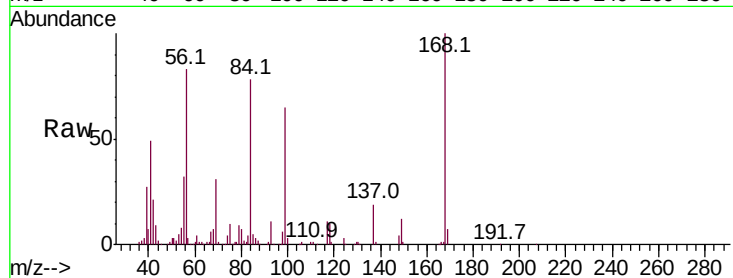




#31
Cyclohexane
Concen: 46.066 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

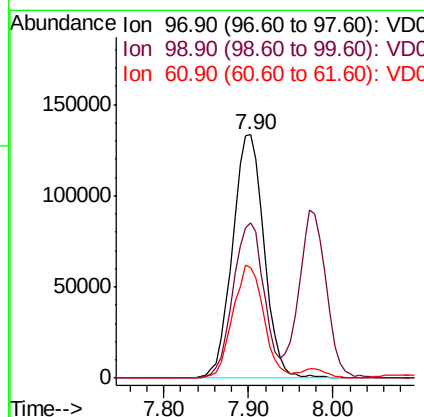
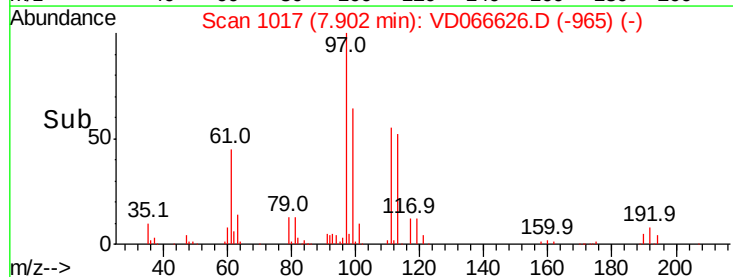
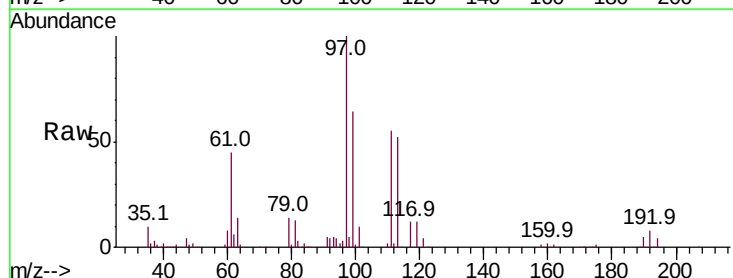
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

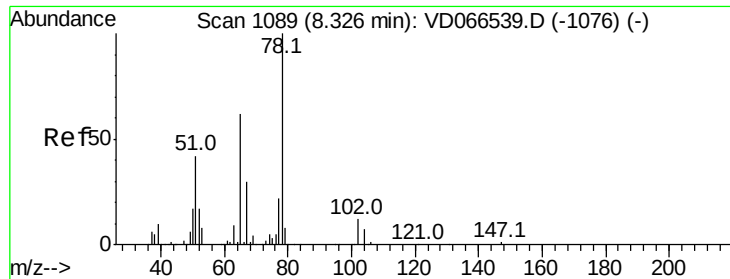
Tot Ion: 56 Resp: 293148
Ion Ratio Lower Upper
56 100
69 37.6 26.3 39.5
84 92.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 50.077 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 97 Resp: 342898
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.0
61 45.4 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 57.921 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

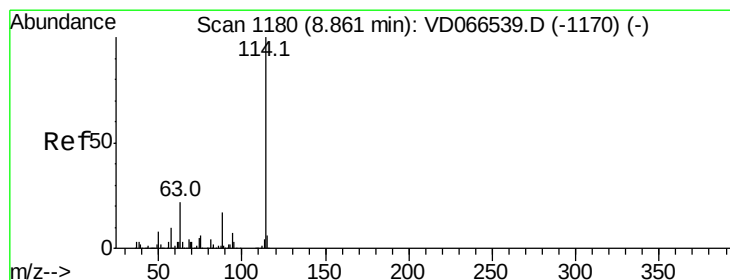
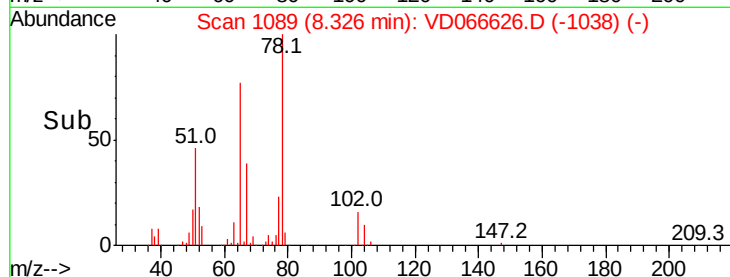
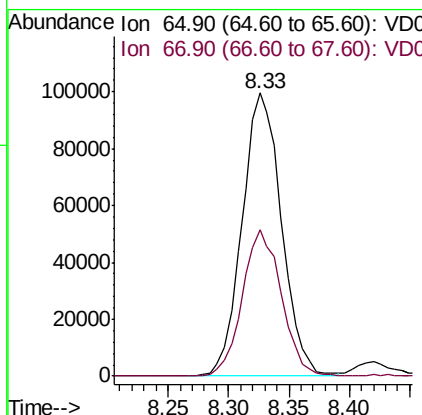
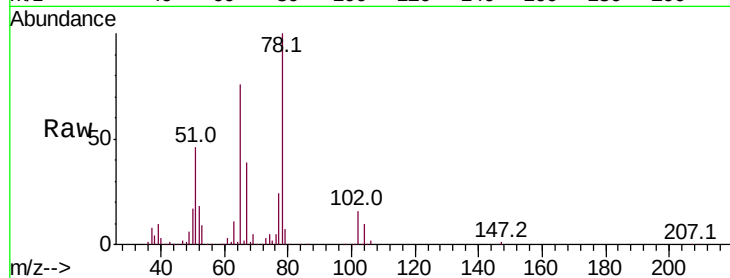
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 225936

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

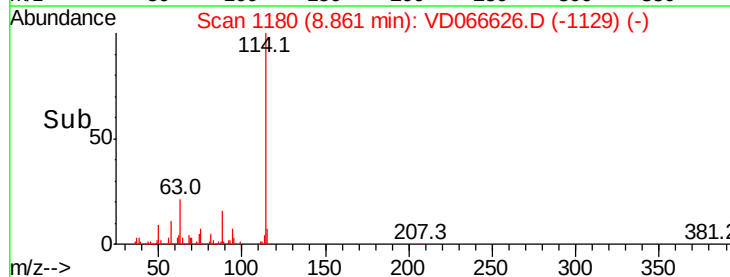
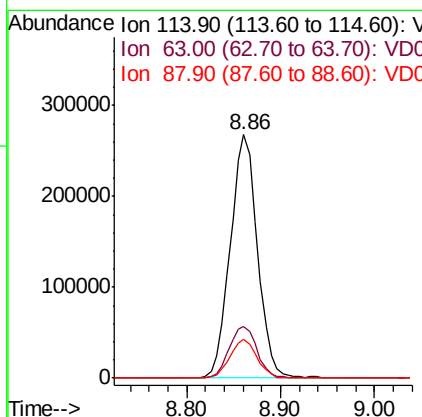
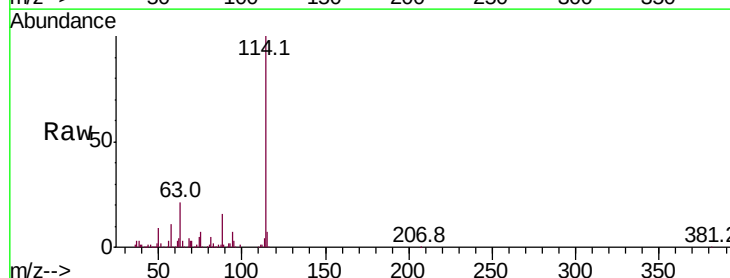
Delta R.T. -0.00 min

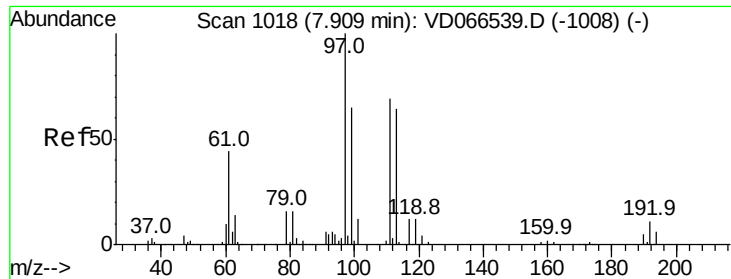
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion: 114 Resp: 537081

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	16.1	0.0	33.2

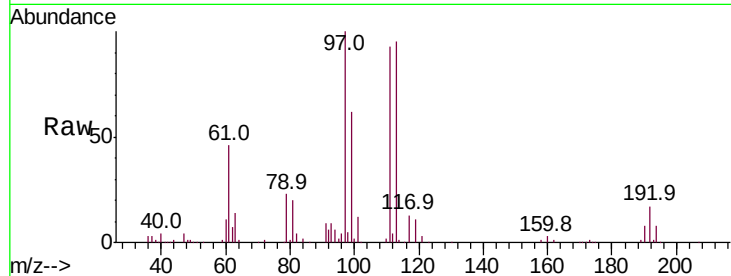




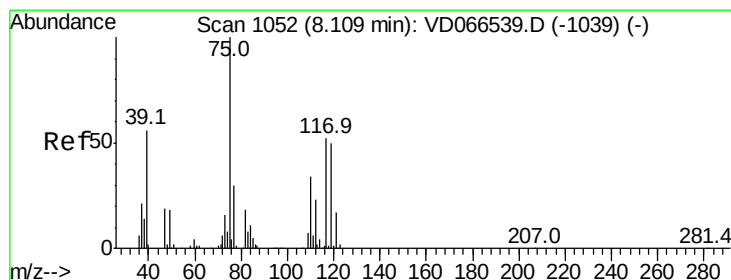
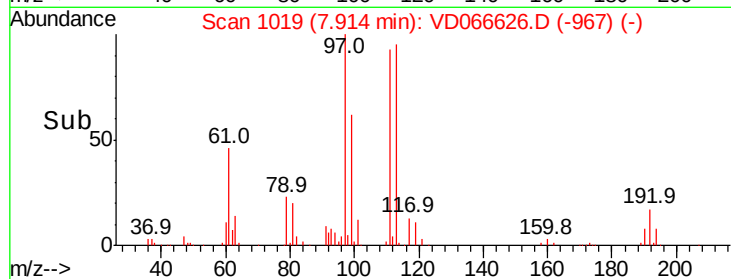
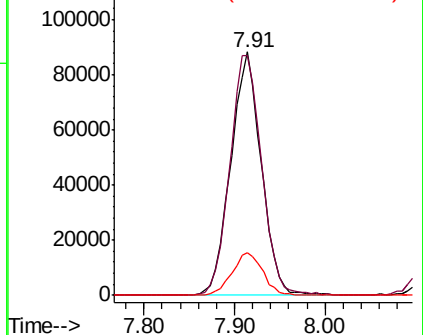
#35
 Dibromofluoromethane
 Concen: 56.986 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	17.5	13.7	20.5

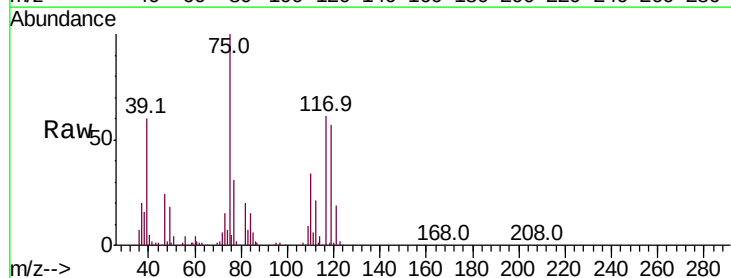


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

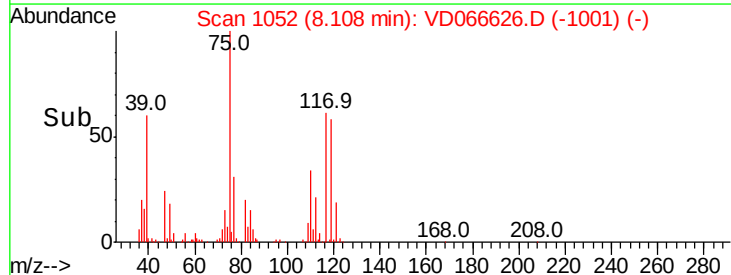
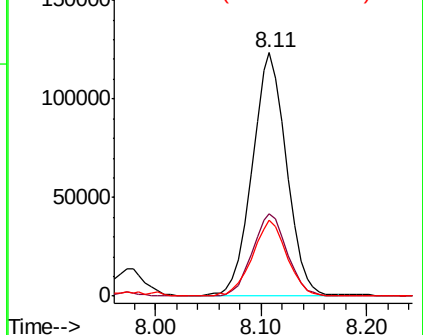


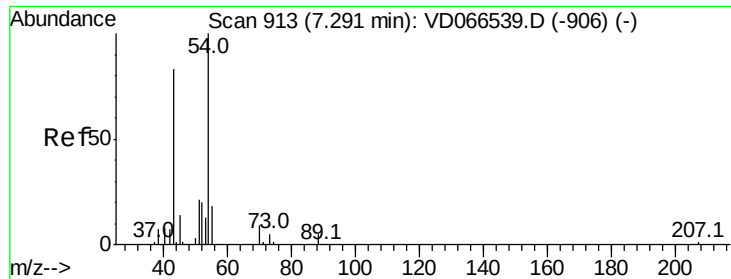
#36
 1,1-Dichloropropene
 Concen: 49.445 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	52.0
77	31.8	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

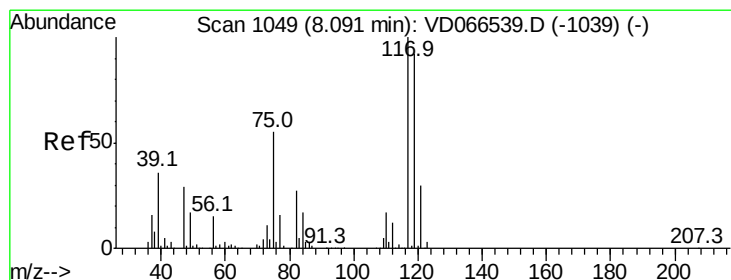
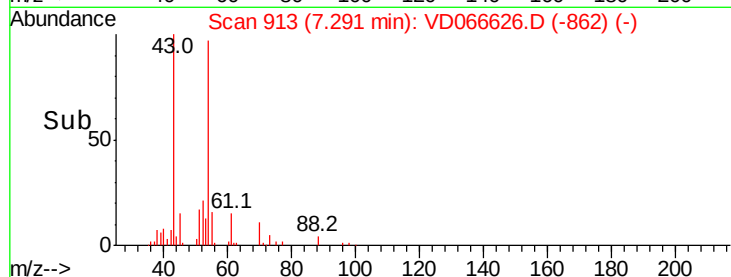
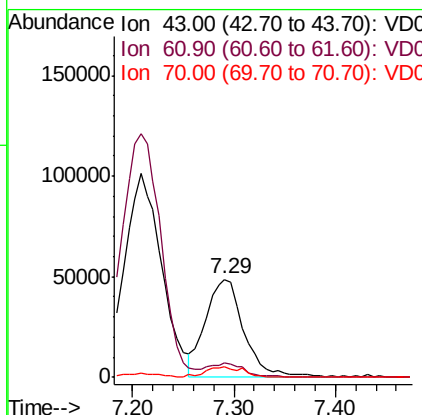
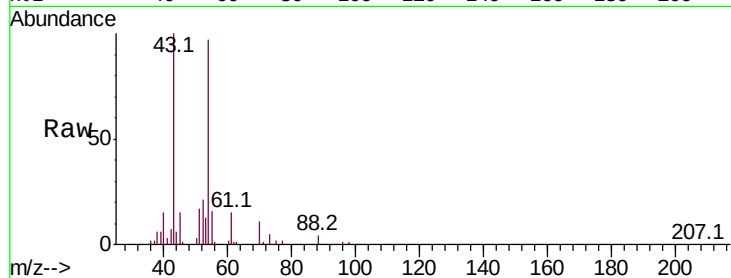




#37
Ethyl Acetate
Concen: 56.653 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

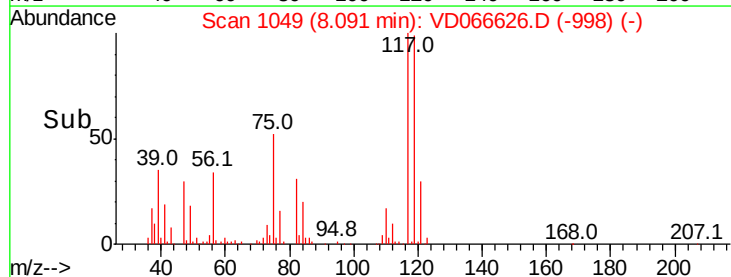
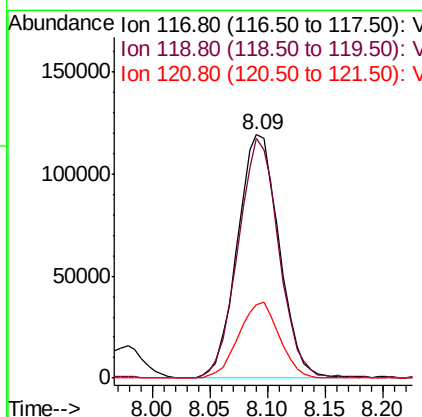
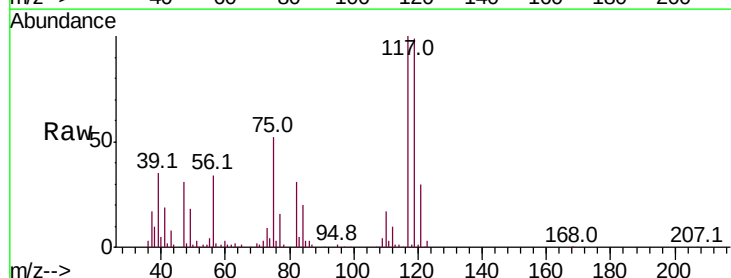
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

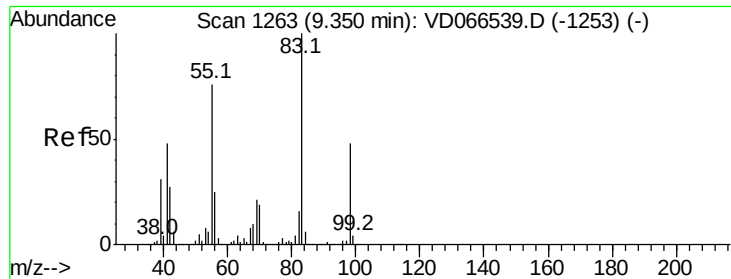
Tot Ion: 43 Resp: 126092
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.8
70 11.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.630 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 117 Resp: 299118
Ion Ratio Lower Upper
117 100
119 98.6 73.9 110.9
121 30.0 24.1 36.1

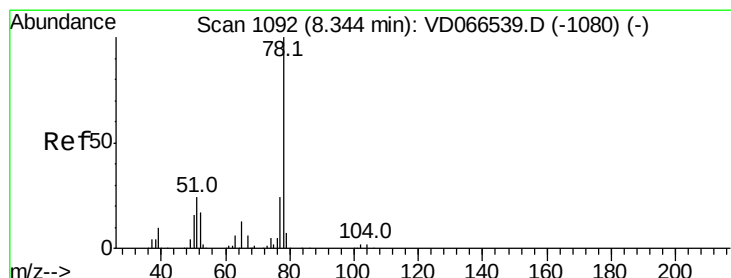
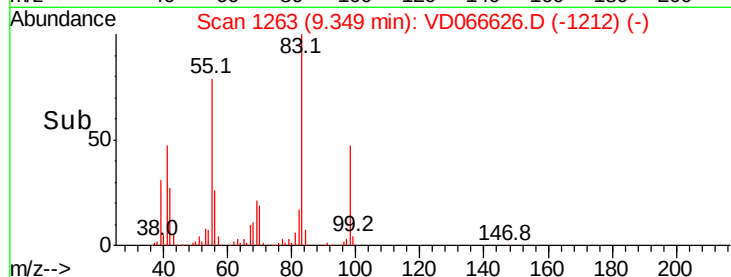
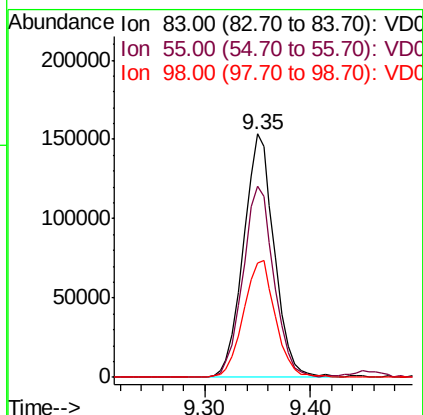
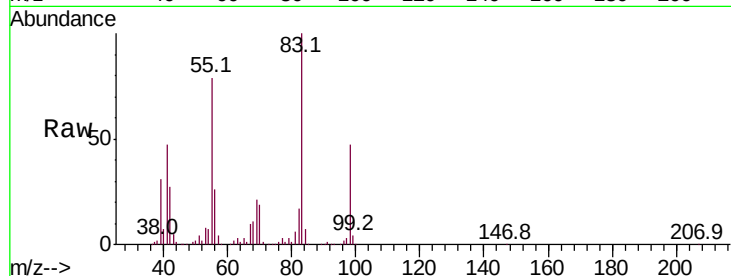




#39
Methylvlcyclohexane
Concen: 49.709 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

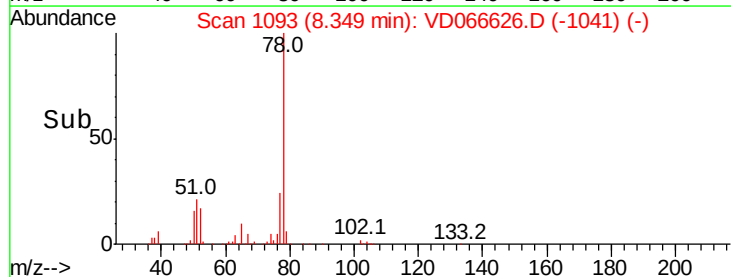
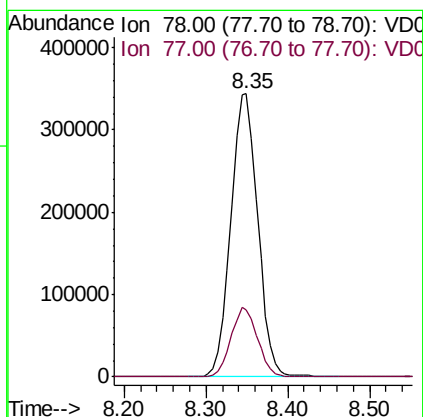
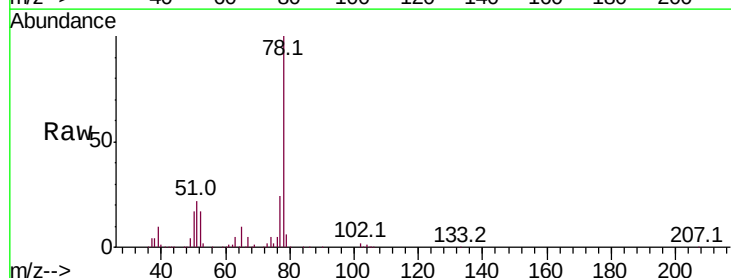
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

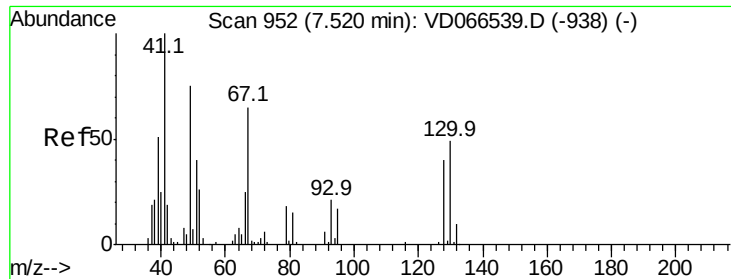
Tot Ion	83	Resp	310251
Ion Ratio	Lower	Upper	
83	100		
55	78.6	60.8	91.2
98	46.9	38.6	58.0



#40
Benzene
Concen: 51.655 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	78	Resp	790741
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.1	28.7

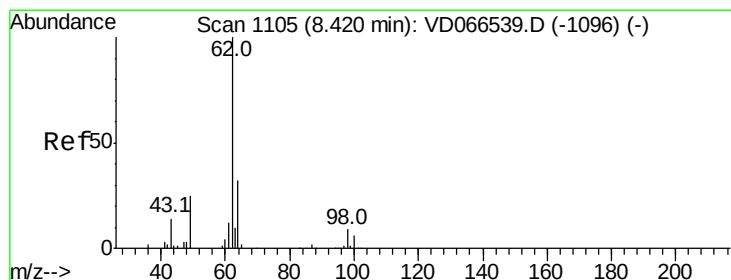
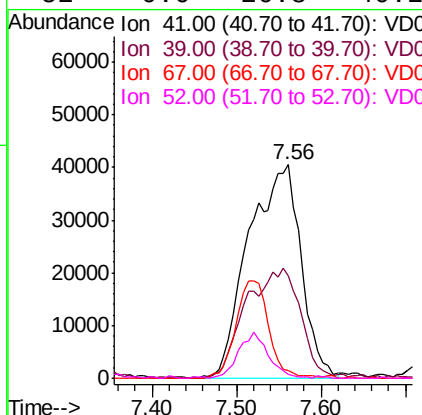
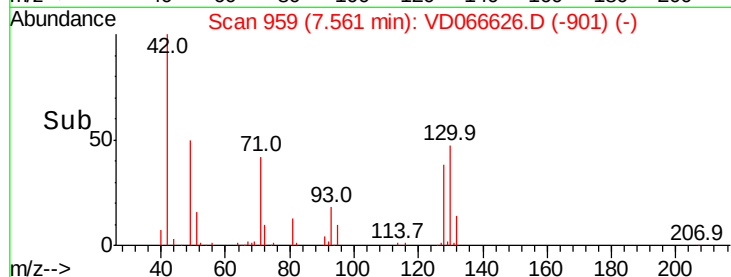
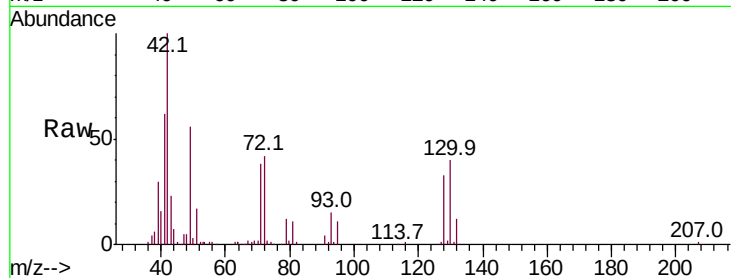




#41
Methacrylonitrile
Concen: 160.691 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

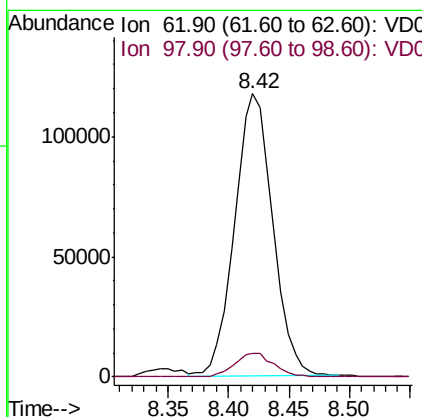
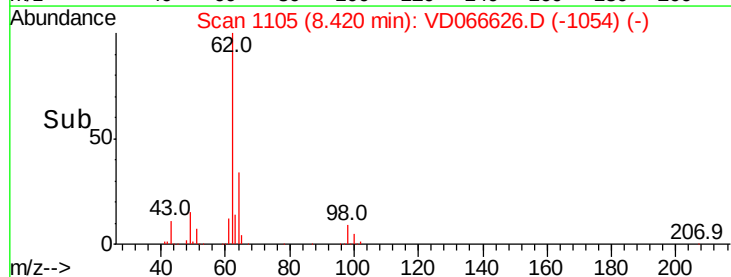
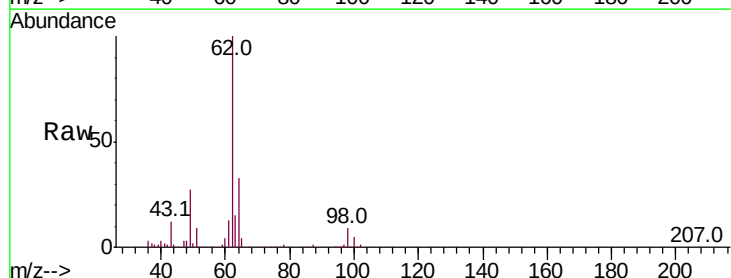
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

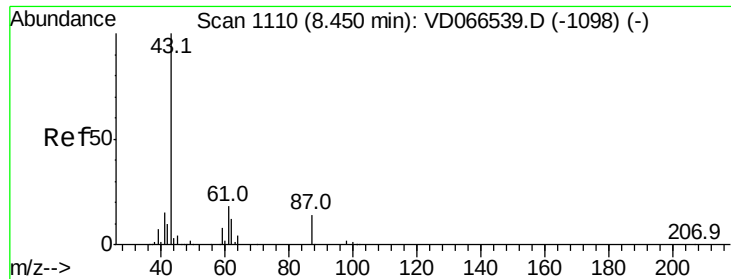
Tot Ion: 41 Resp: 173122
Ion Ratio Lower Upper
41 100
39 54.1 53.6 80.4
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 52.221 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 62 Resp: 259010
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 55.766 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

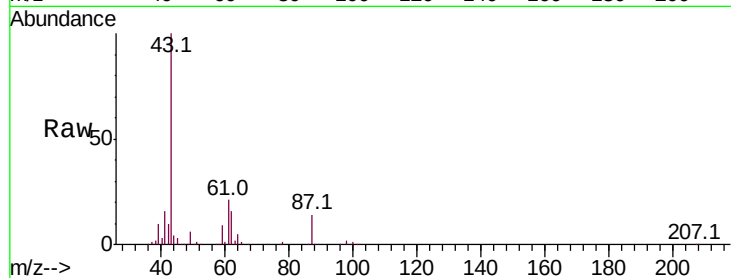
Tot Ion: 43 Resp: 237856

Ion Ratio Lower Upper

43 100

61 29.3 23.8 35.8

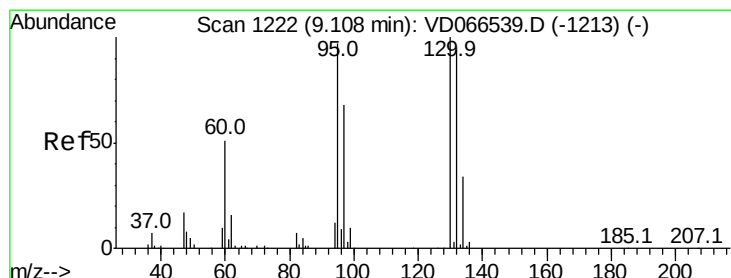
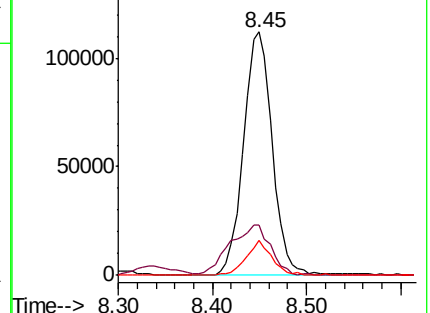
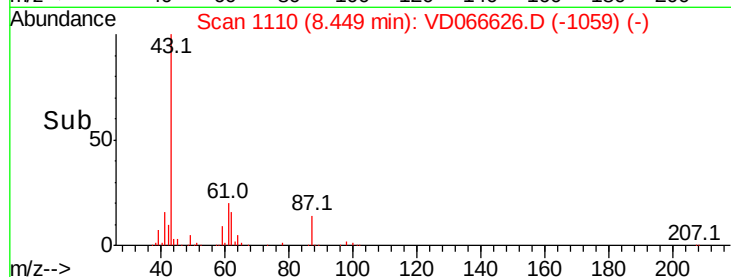
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.899 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066626.D

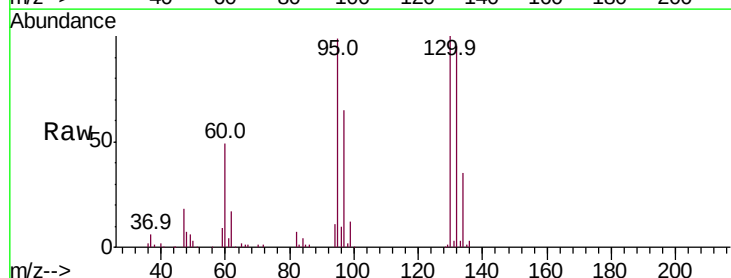
Acq: 10 Sep 2020 19:50

Tgt Ion:130 Resp: 204383

Ion Ratio Lower Upper

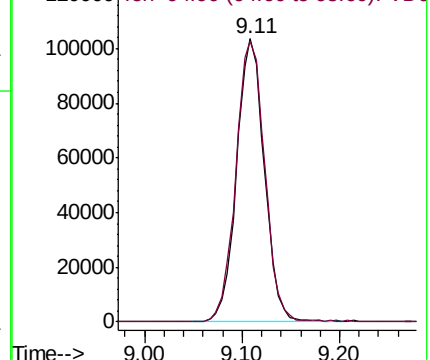
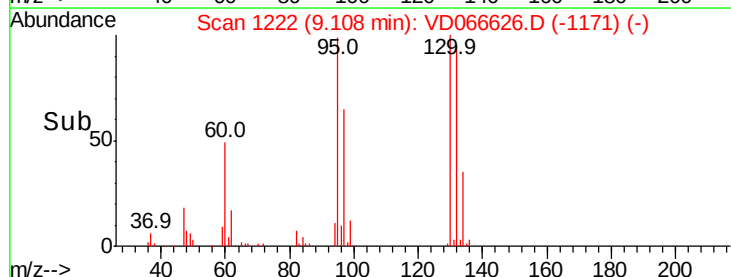
130 100

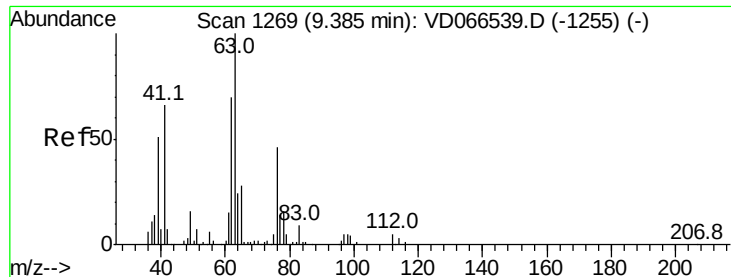
95 99.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 53.752 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

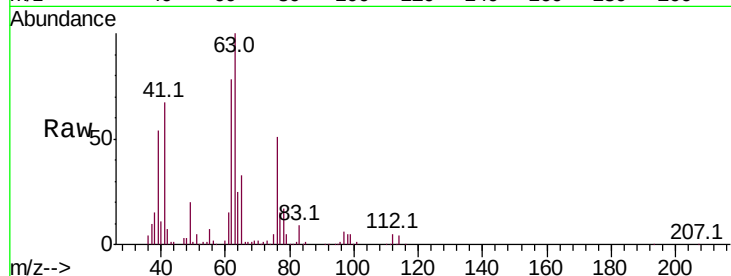
VSTDCCC050EC

Tot Ion: 63 Resp: 206928

Ion Ratio Lower Upper

63 100

65 32.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

100000

80000

60000

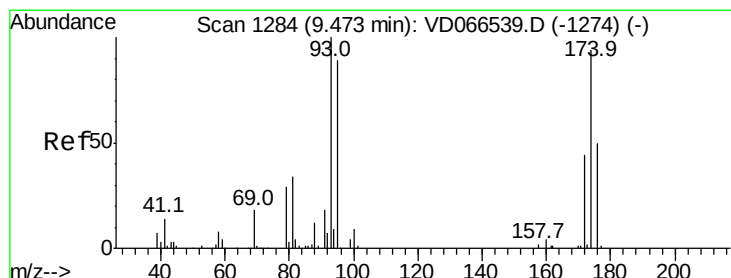
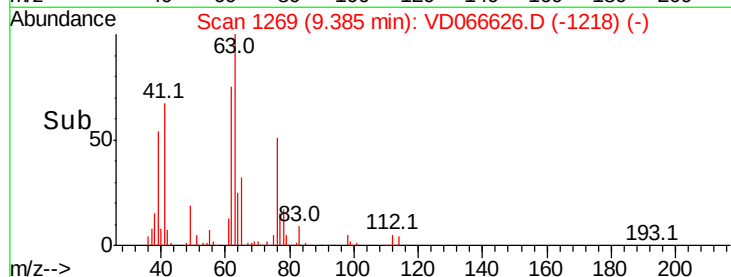
40000

20000

0

Time-->

9.30 9.40



#46

Dibromomethane

Concen: 53.960 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

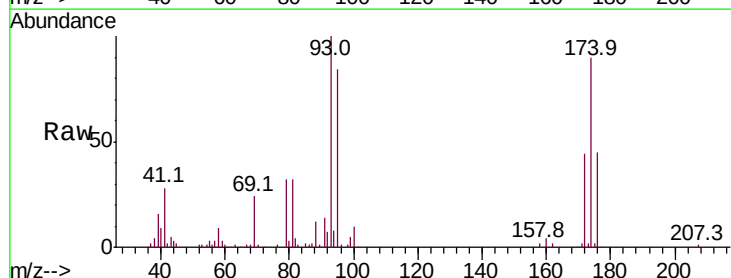
Tgt Ion: 93 Resp: 114606

Ion Ratio Lower Upper

93 100

95 83.3 68.7 103.1

174 89.8 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

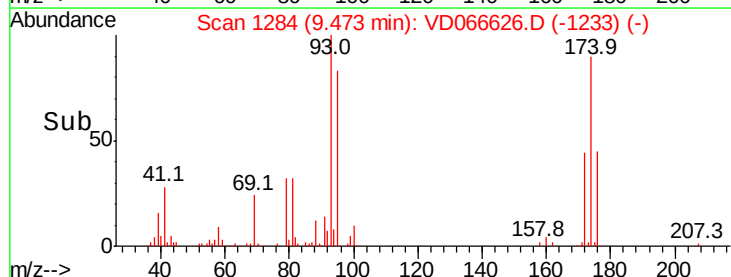
40000

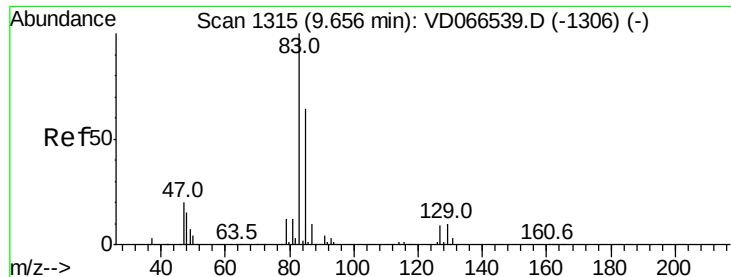
20000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 53.397 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

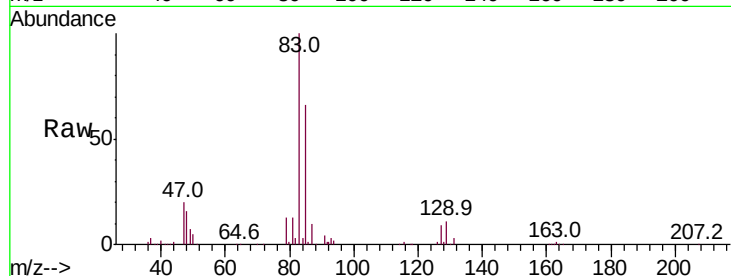
Tot Ion: 83 Resp: 306834

Ion Ratio Lower Upper

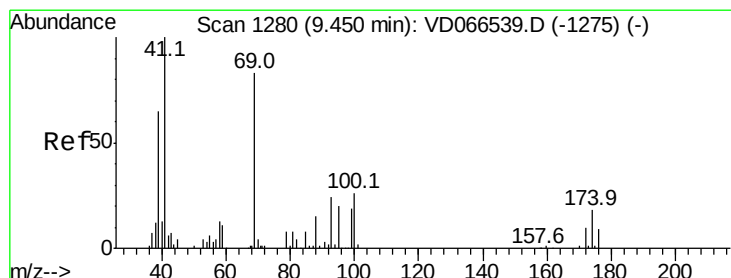
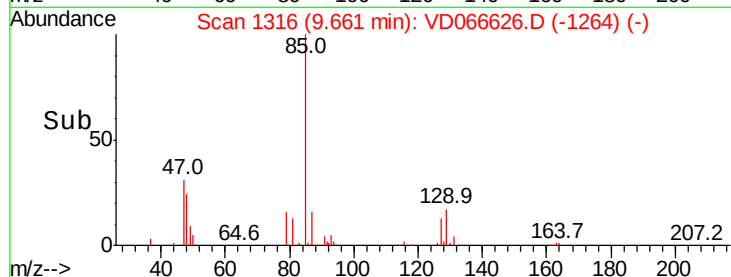
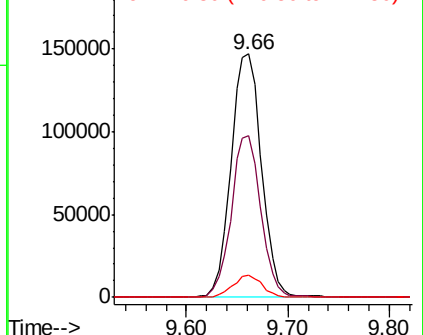
83 100

85 66.3 51.1 76.7

127 8.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 57.779 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

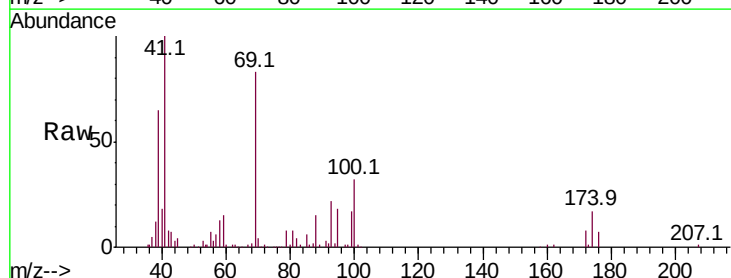
Tgt Ion: 41 Resp: 124616

Ion Ratio Lower Upper

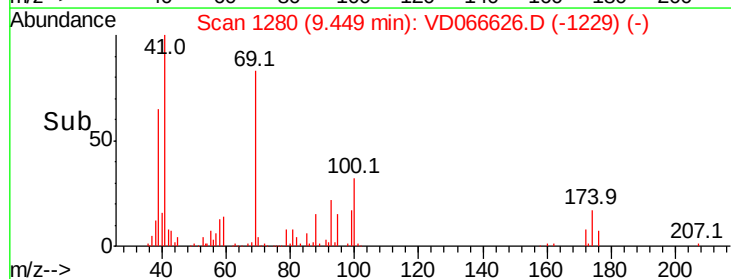
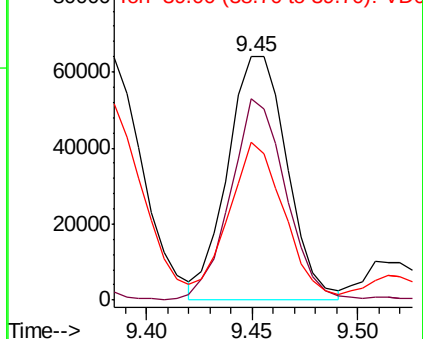
41 100

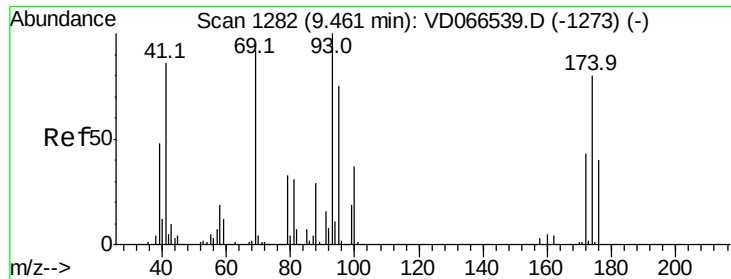
69 77.5 64.5 96.7

39 56.4 46.6 69.8



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1078.877 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

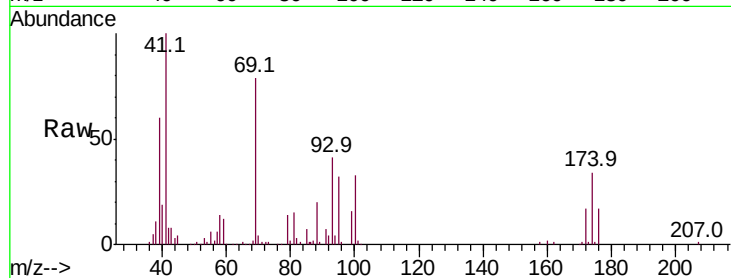
Tot Ion: 88 Resp: 25139

Ion Ratio Lower Upper

88 100

43 40.6 28.3 42.5

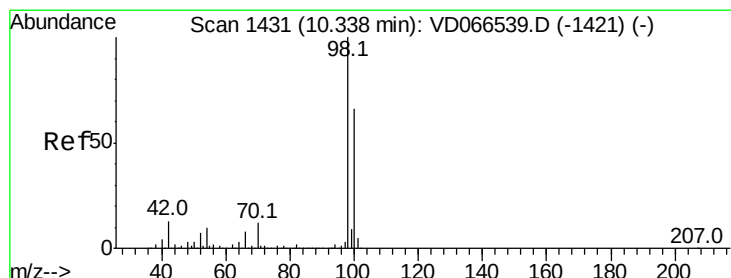
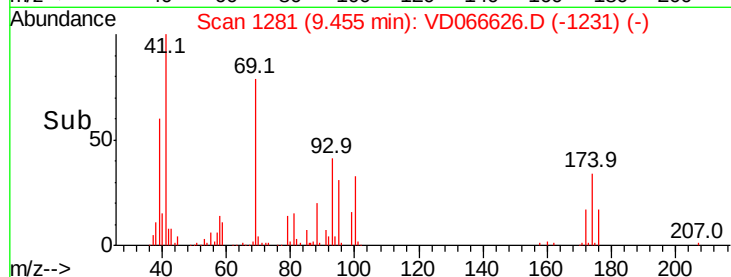
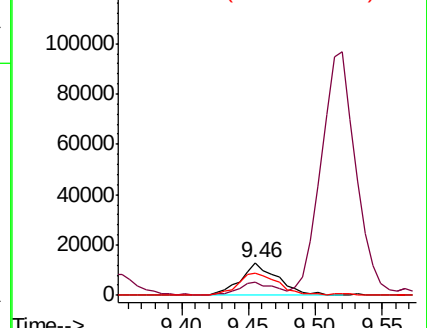
58 74.6 56.1 84.1



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: 57.469 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066626.D

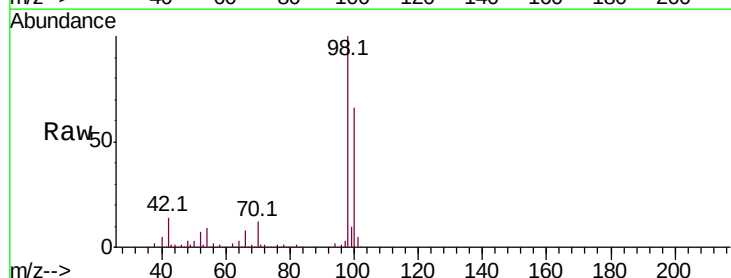
Acq: 10 Sep 2020 19:50

Tgt Ion: 98 Resp: 744214

Ion Ratio Lower Upper

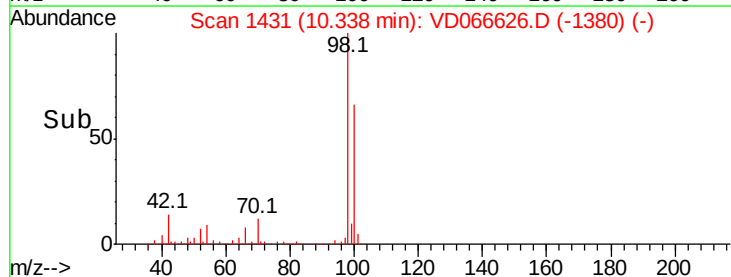
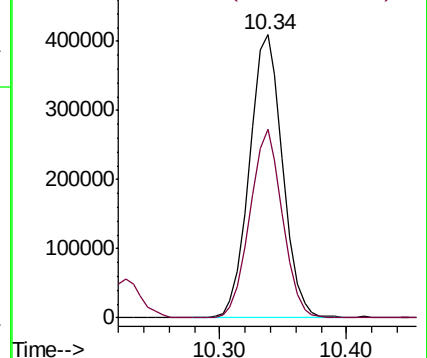
98 100

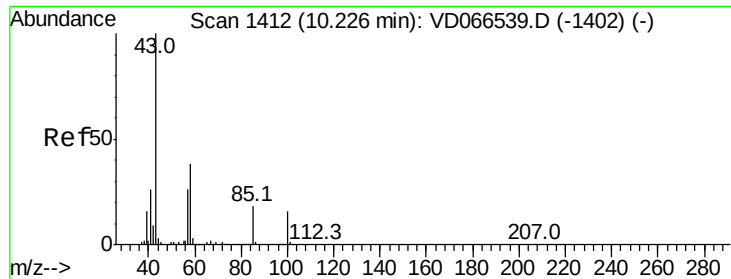
100 65.8 52.9 79.3



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: 292.981 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

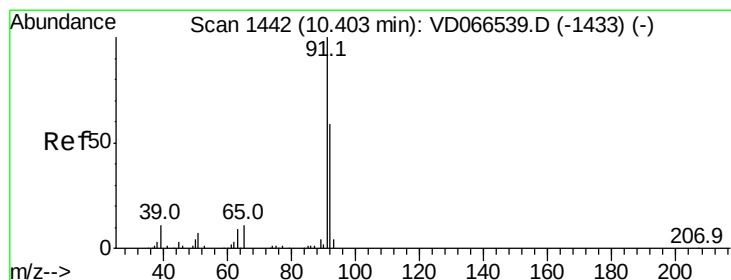
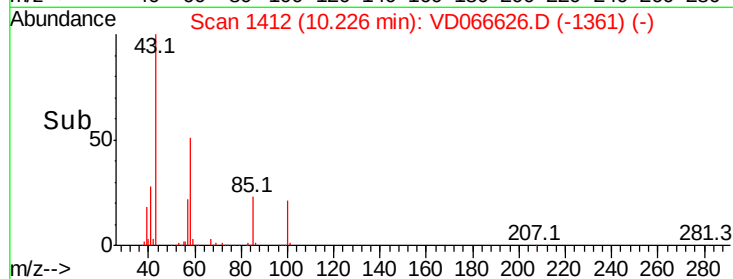
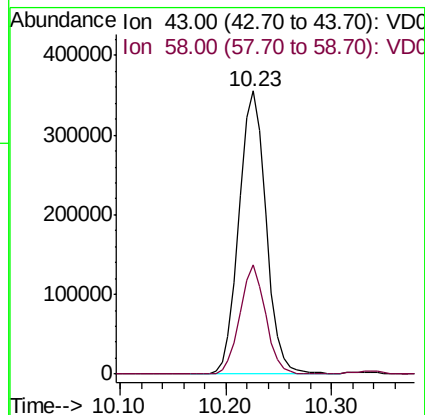
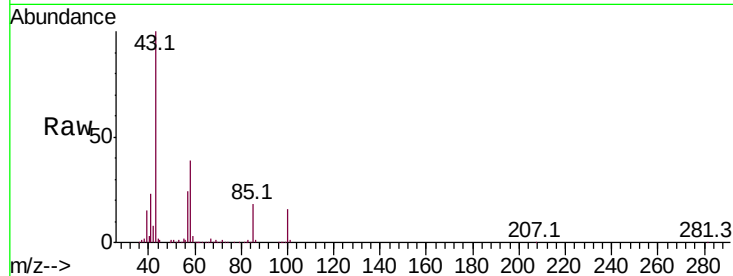
VSTDCCC050EC

Tot Ion: 43 Resp: 630228

Ion Ratio Lower Upper

43 100

58 36.5 30.5 45.7



#52

Toluene

Concen: 53.458 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066626.D

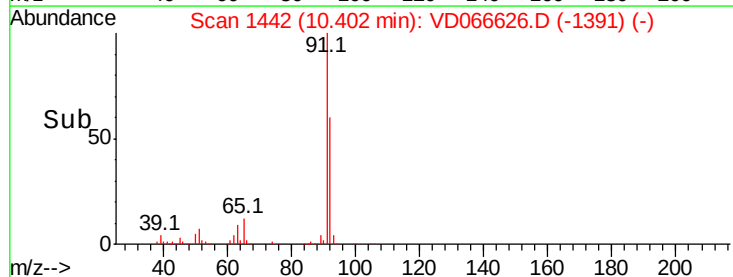
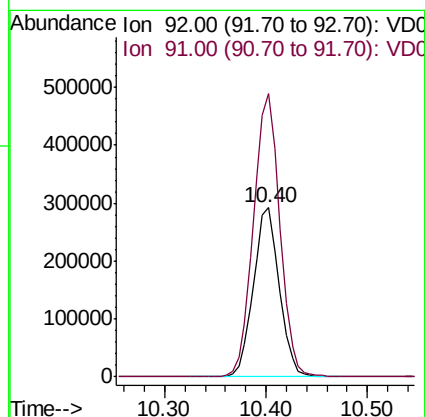
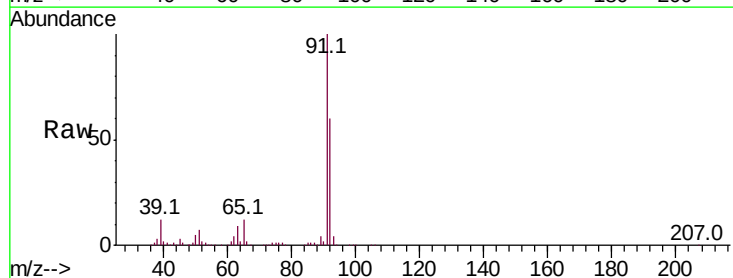
Acq: 10 Sep 2020 19:50

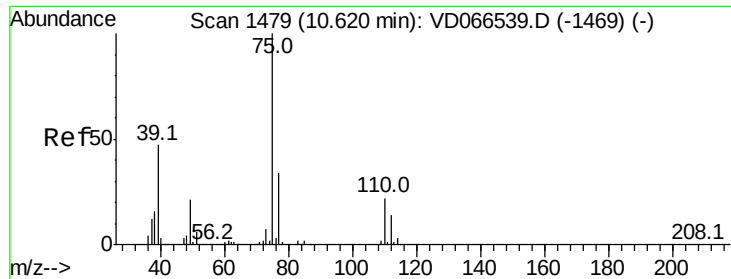
Tgt Ion: 92 Resp: 518016

Ion Ratio Lower Upper

92 100

91 170.6 137.4 206.2

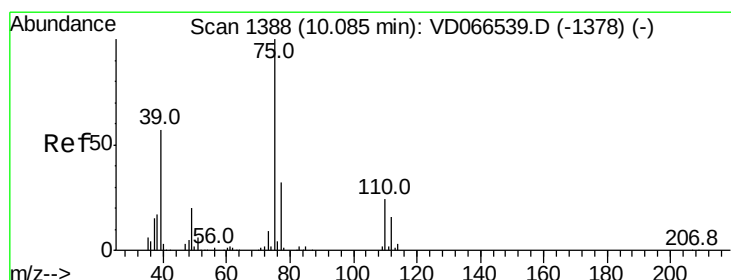
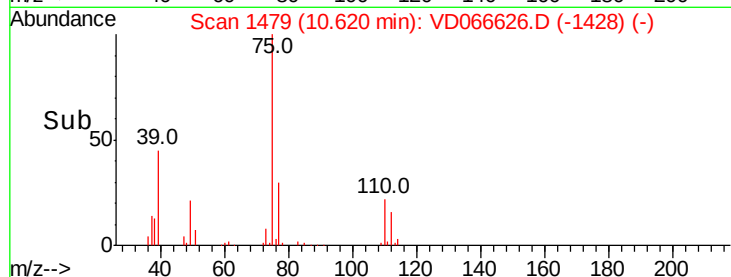
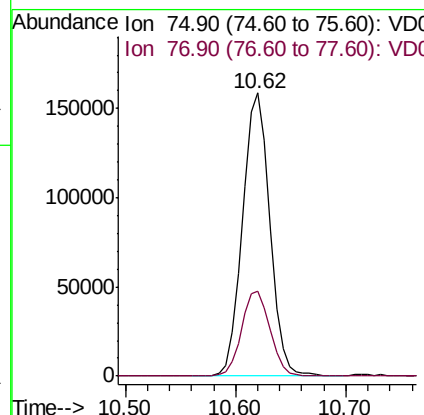
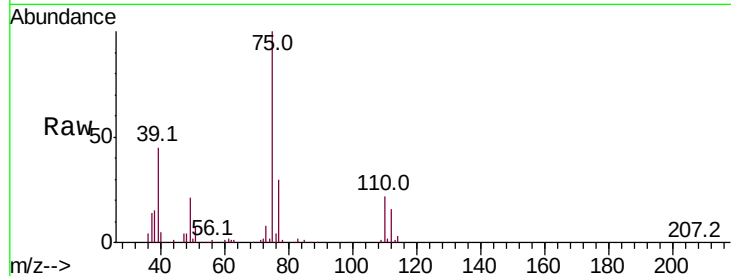




#53
 t-1,3-Dichloropropene
 Concen: 54.557 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

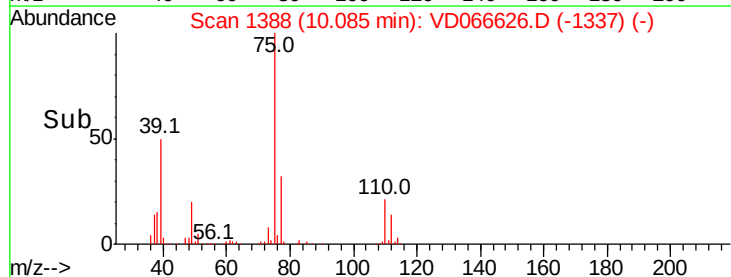
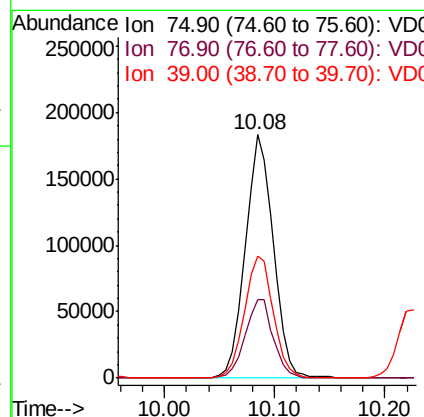
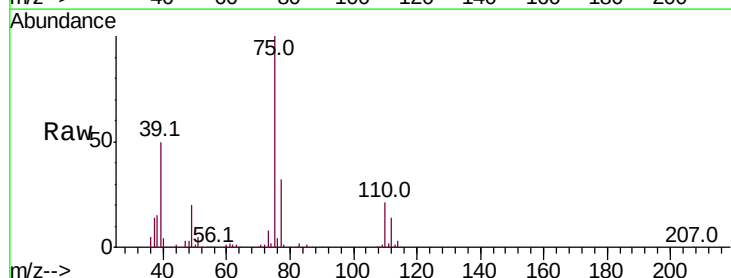
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

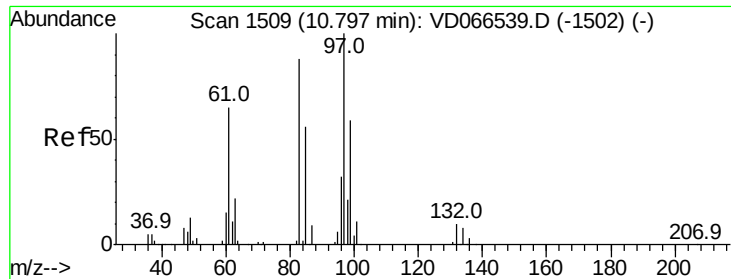
Tot Ion: 75 Resp: 276752
 Ion Ratio Lower Upper
 75 100
 77 29.8 27.4 41.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.629 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion: 75 Resp: 326693
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 50.4 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 56.461 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 154187

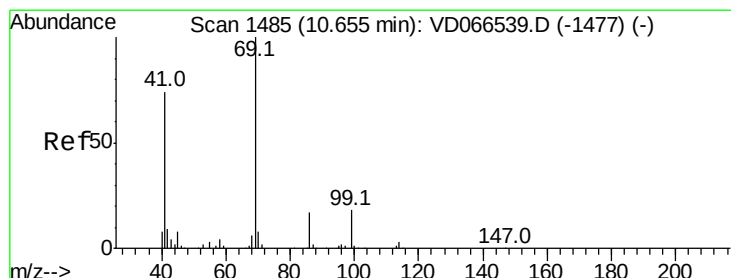
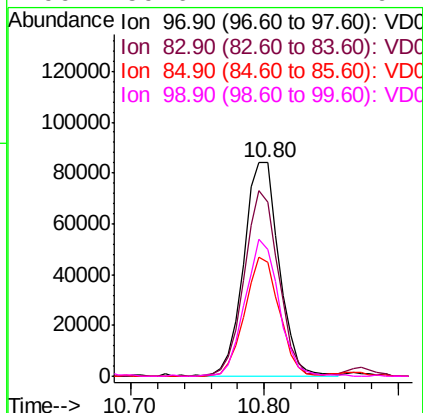
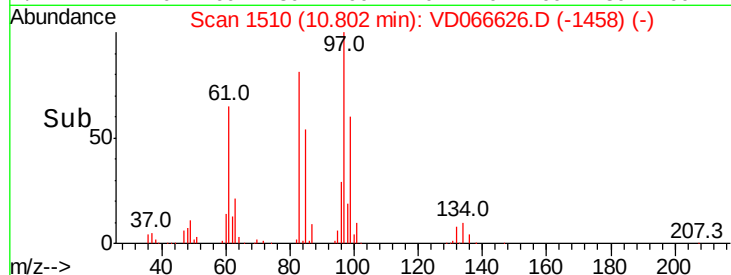
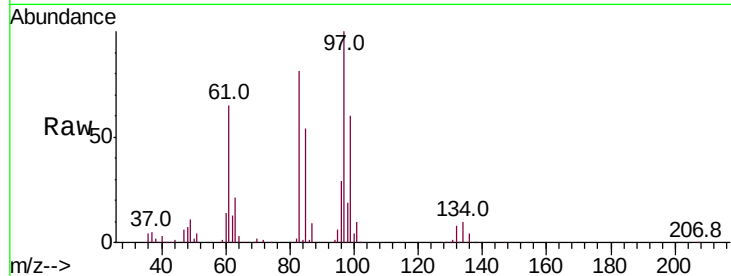
Ion	Ratio	Lower	Upper
97	100		
83	81.3	70.1	105.1
85	53.5	44.5	66.7
99	59.6	47.1	70.7

97 100

83 81.3 70.1 105.1

85 53.5 44.5 66.7

99 59.6 47.1 70.7



#56

Ethyl methacrylate

Concen: 59.208 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

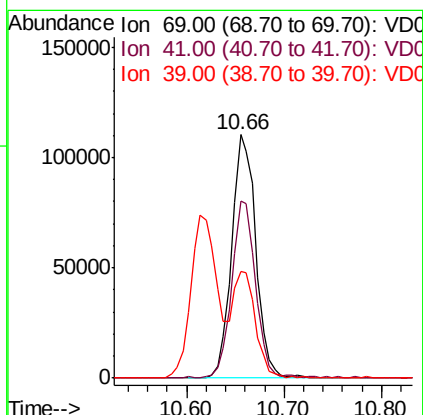
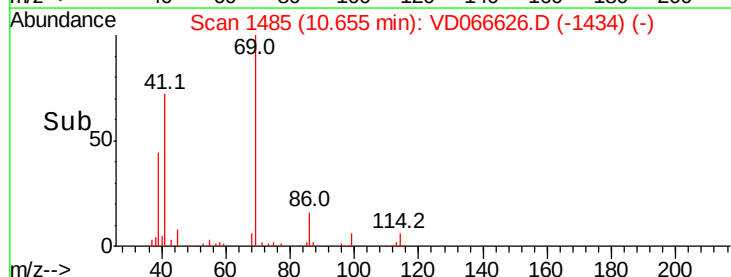
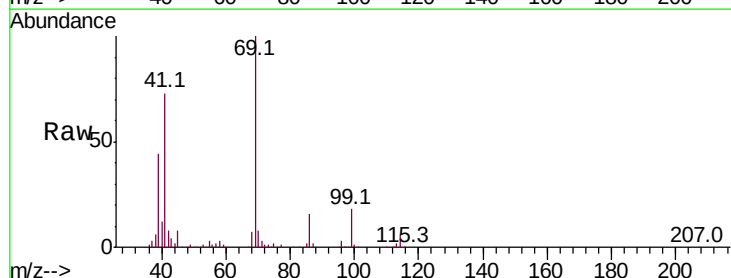
Tgt Ion: 69 Resp: 188258

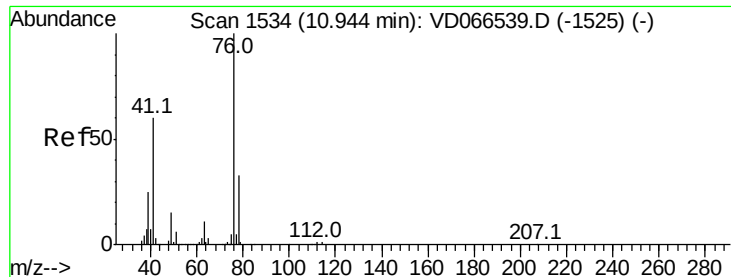
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	39.1	30.6	46.0

69 100

41 71.5 56.8 85.2

39 39.1 30.6 46.0





#57

1,3-Dichloropropane

Concen: 55.311 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

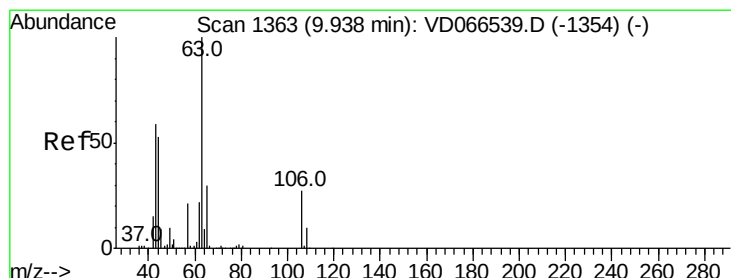
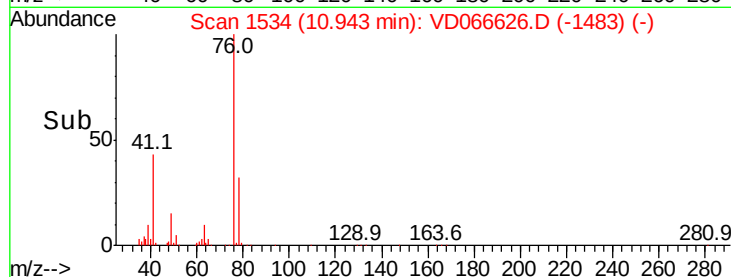
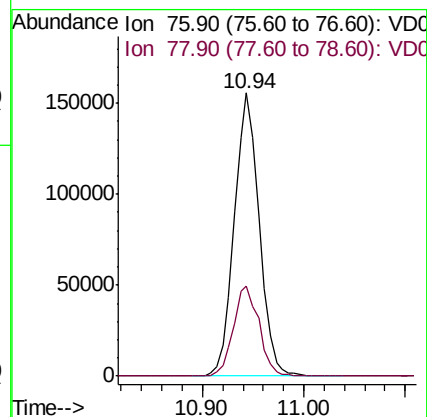
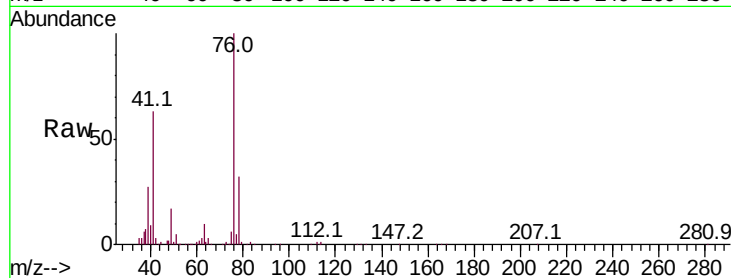
VSTDCCC050EC

Tot Ion: 76 Resp: 264568

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.274 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066626.D

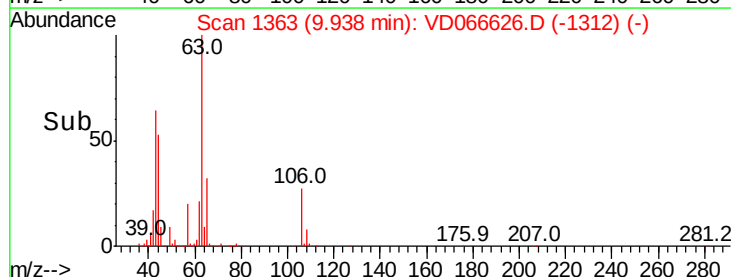
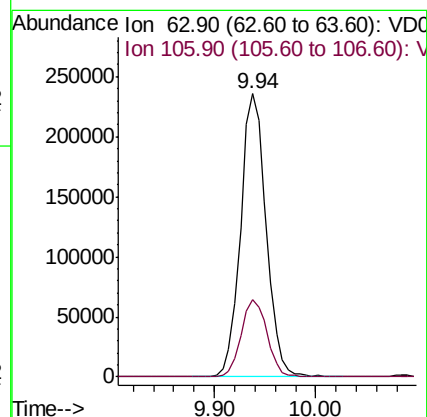
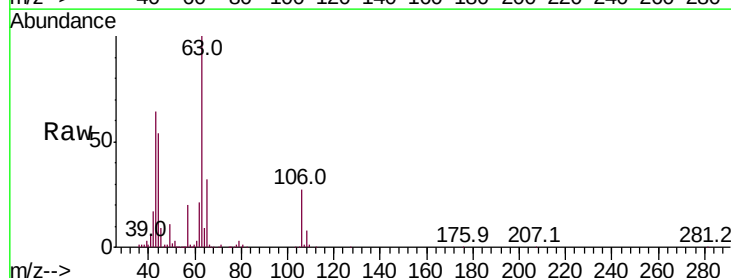
Acq: 10 Sep 2020 19:50

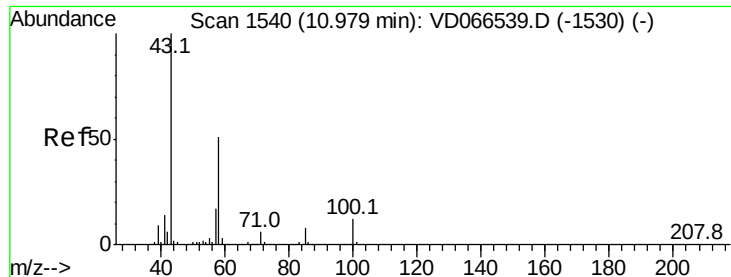
Tgt Ion: 63 Resp: 411977

Ion Ratio Lower Upper

63 100

106 27.8 22.0 33.0

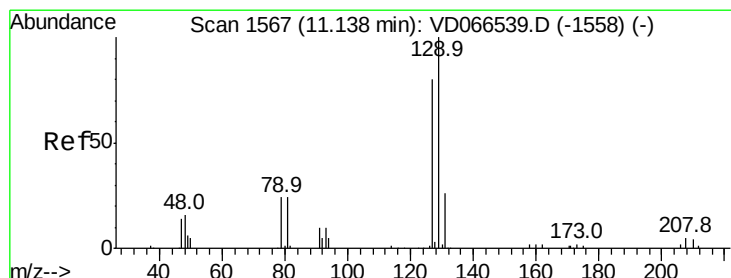
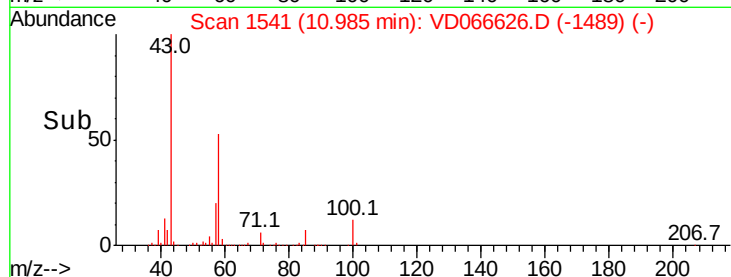
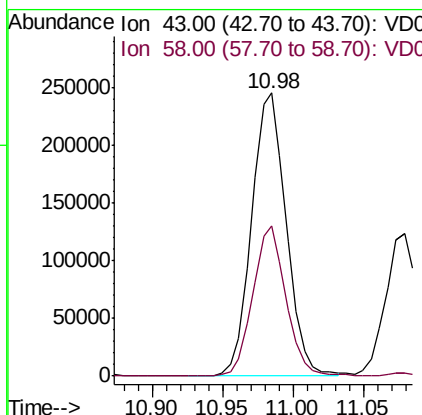
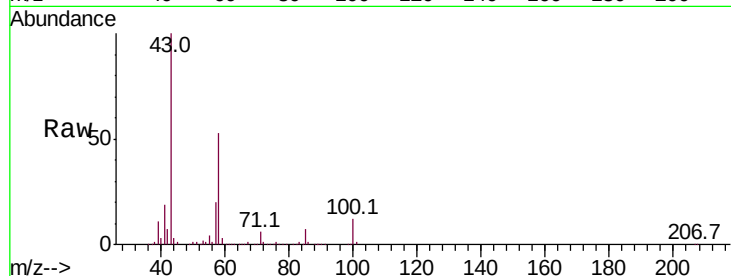




#59
2-Hexanone
Concen: 291.690 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

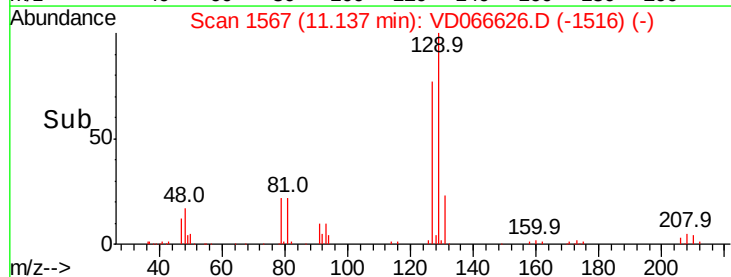
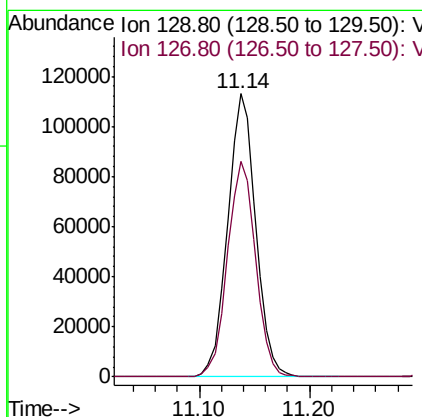
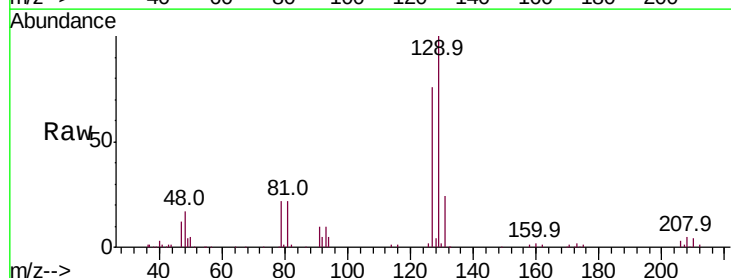
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

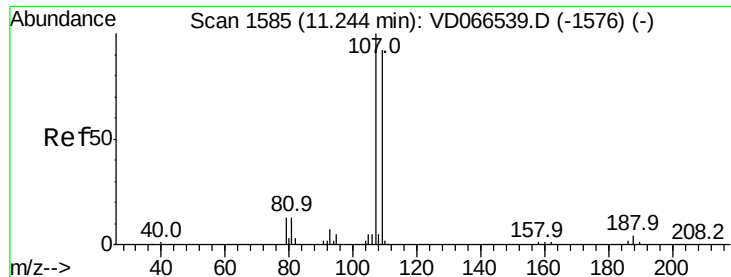
Tot Ion: 43 Resp: 421949
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.8



#60
Dibromochloromethane
Concen: 55.858 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 129 Resp: 201713
Ion Ratio Lower Upper
129 100
127 76.3 39.5 118.3

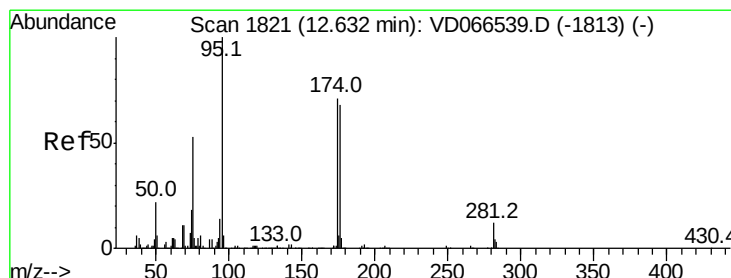
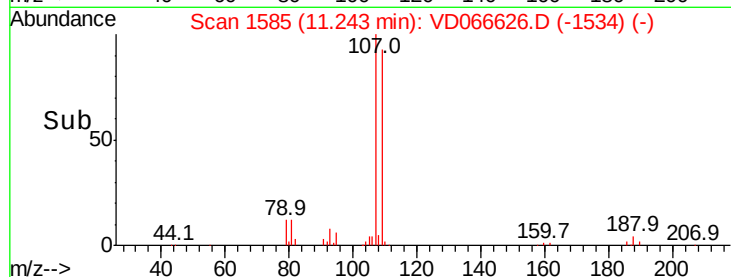
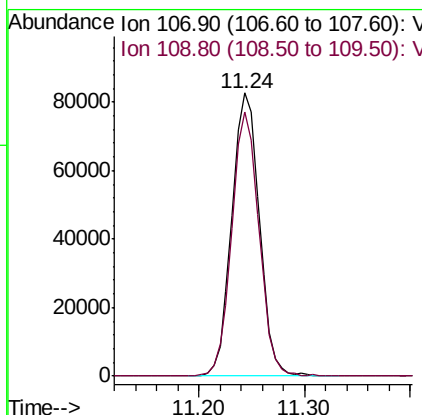
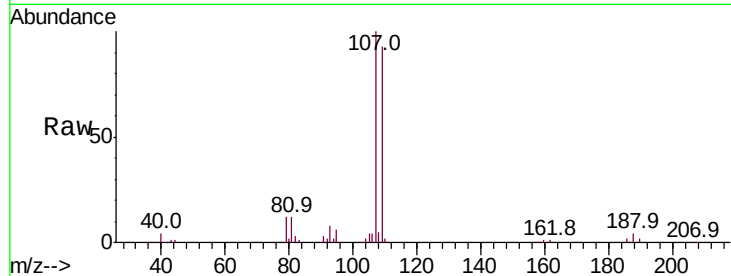




#61
 1,2-Dibromoethane
 Concen: 56.152 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

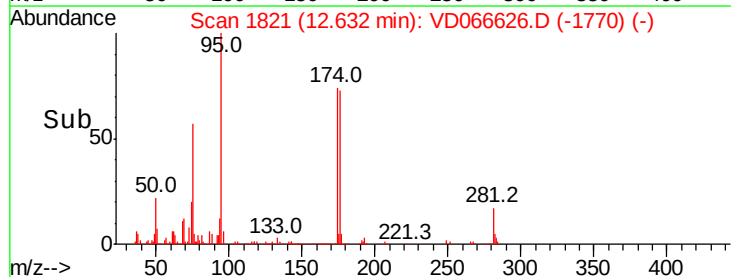
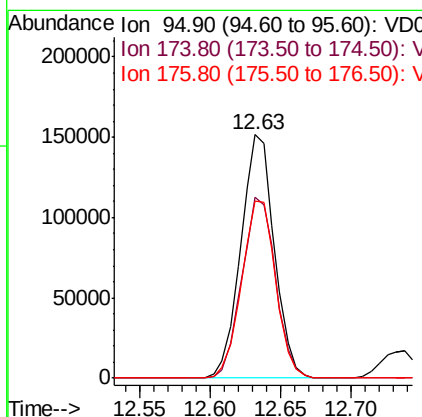
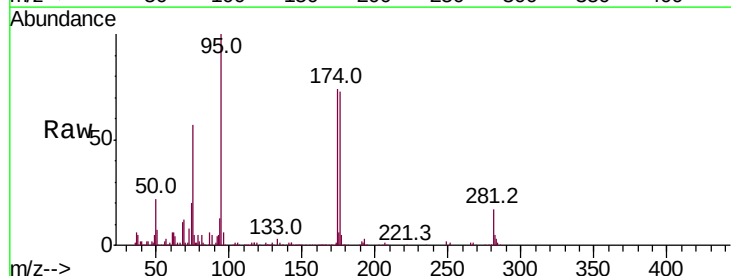
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

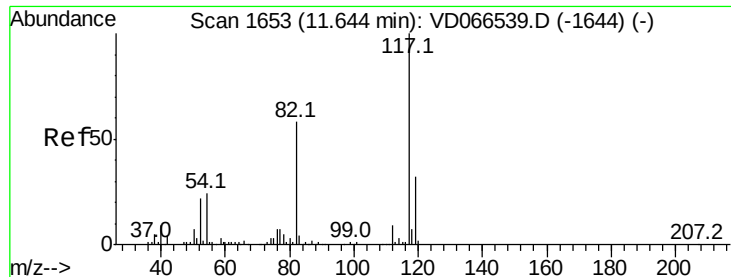
Tot Ion:107 Resp: 149184
 Ion Ratio Lower Upper
 107 100
 109 92.1 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 58.594 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion: 95 Resp: 251605
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 155.8
 176 74.0 0.0 148.6

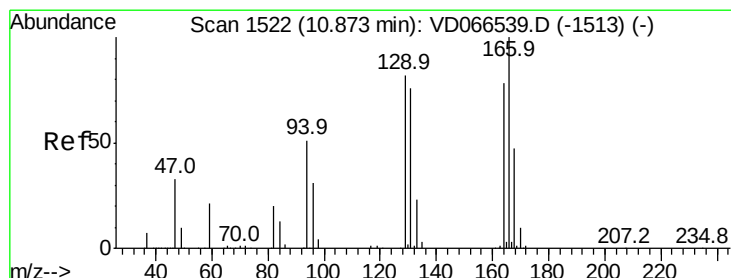
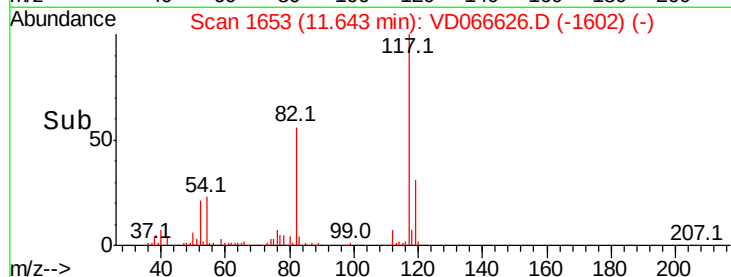
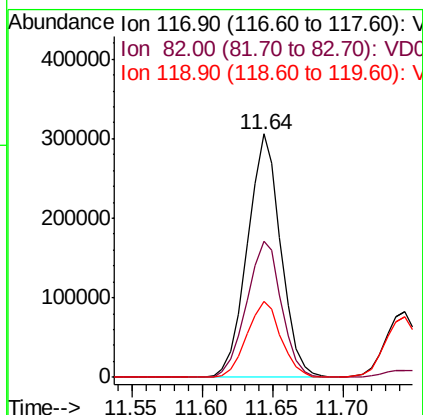
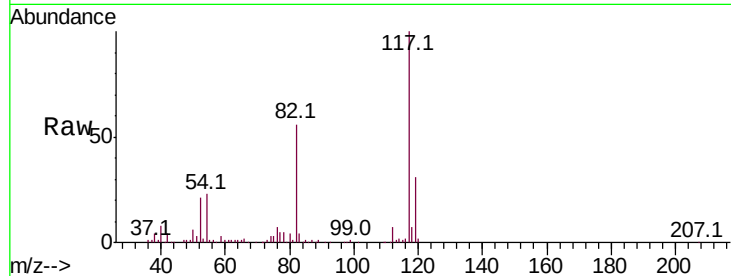




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

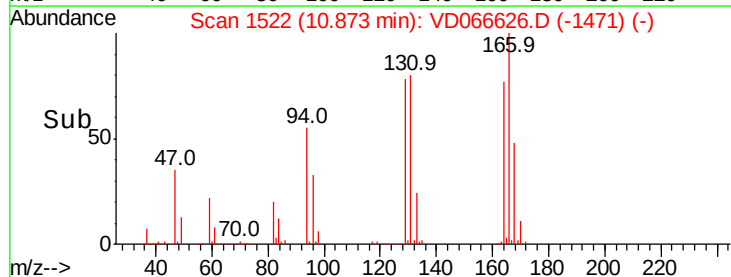
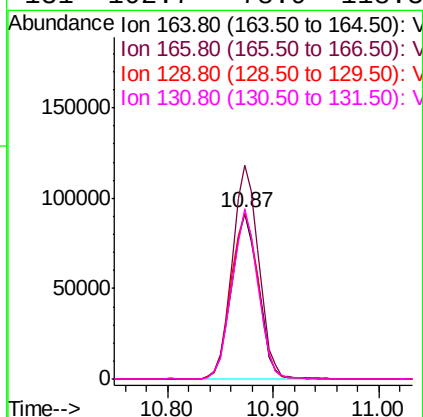
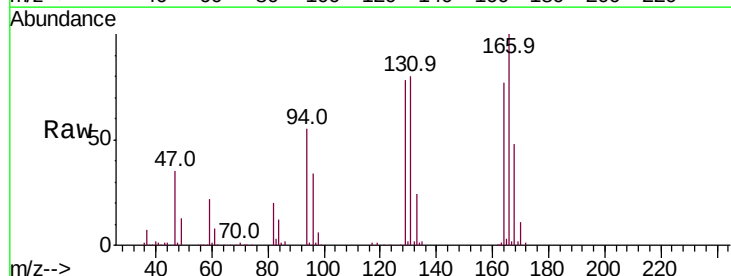
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

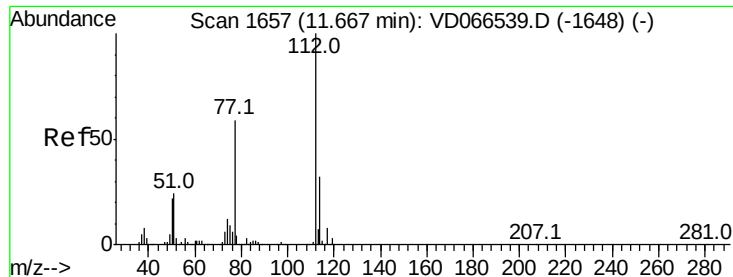
Tot Ion:117 Resp: 507715
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.2
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 47.108 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion:164 Resp: 161036
Ion Ratio Lower Upper
164 100
166 129.2 103.2 154.8
129 100.9 84.5 126.7
131 102.7 78.9 118.3





#65

Chlorobenzene

Concen: 51.183 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

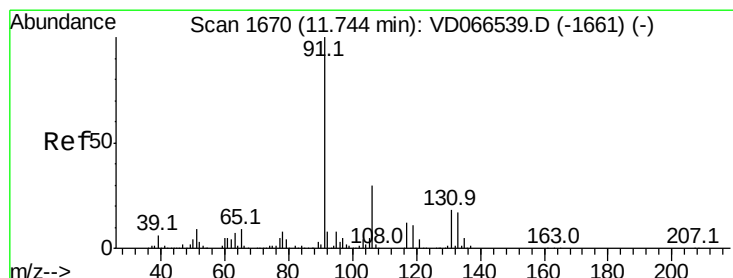
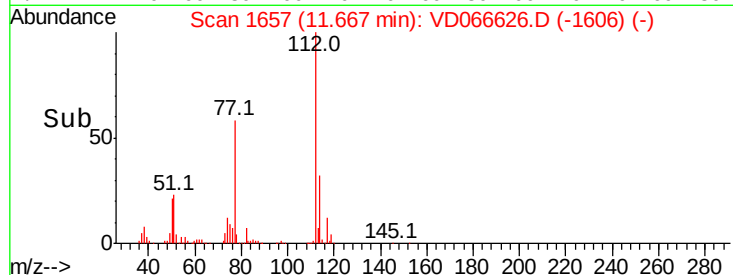
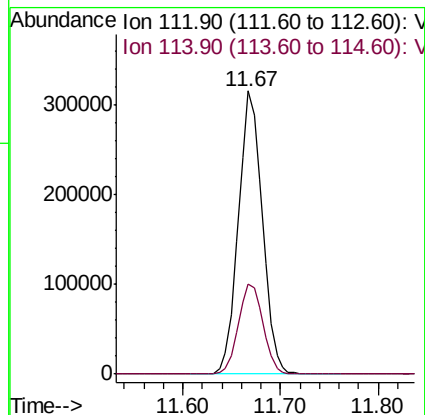
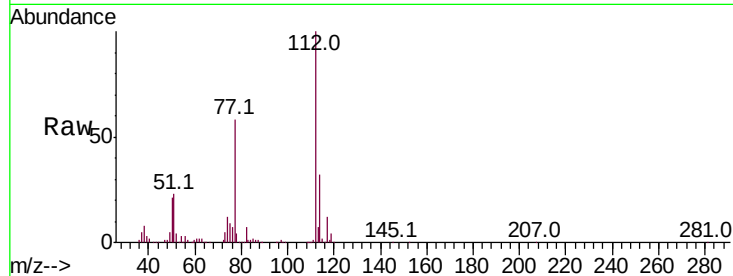
VSTDCCC050EC

Tot Ion:112 Resp: 536341

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.955 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

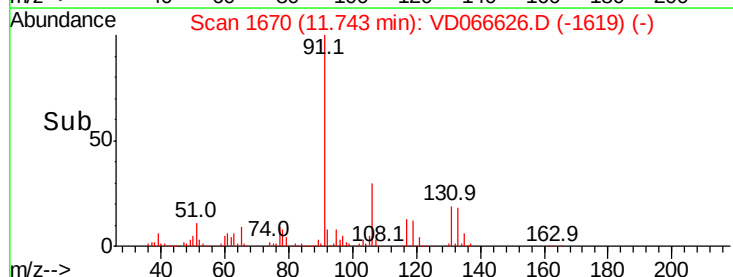
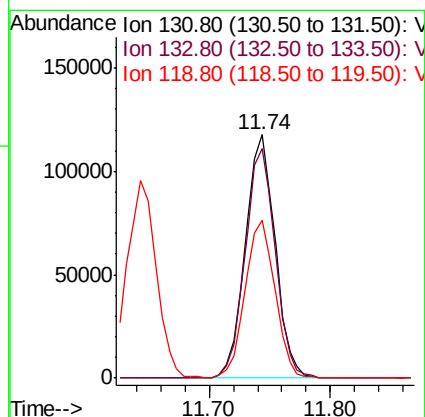
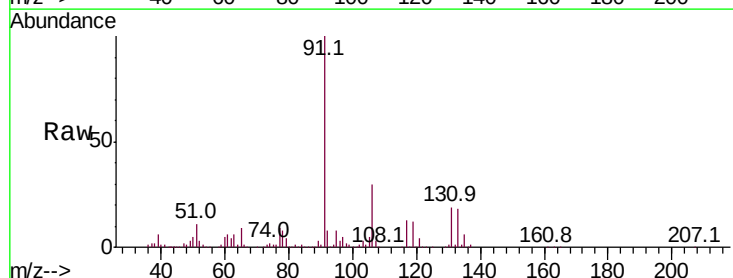
Tgt Ion:131 Resp: 203783

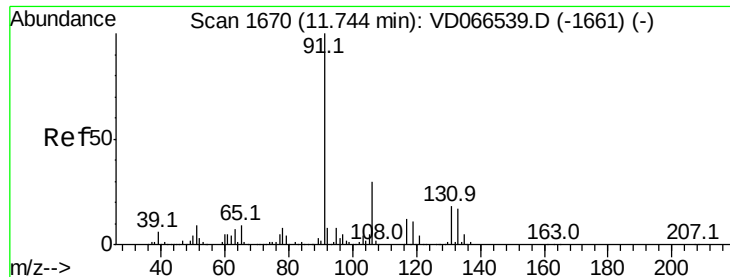
Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.0

119 65.2 31.9 95.7

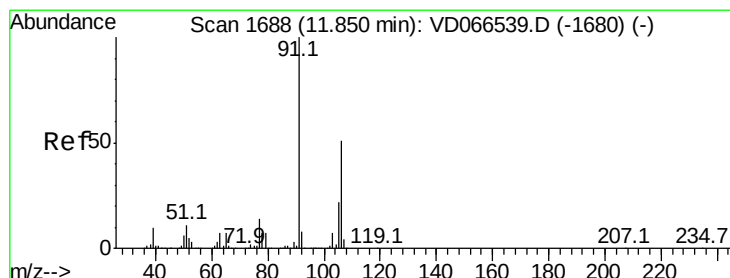
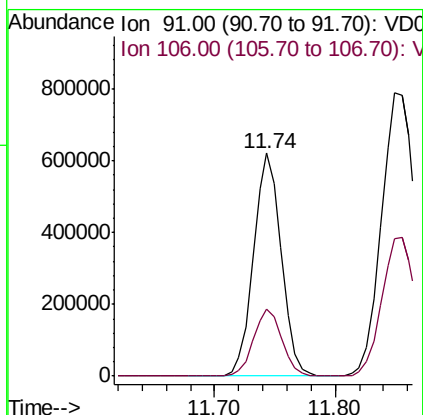
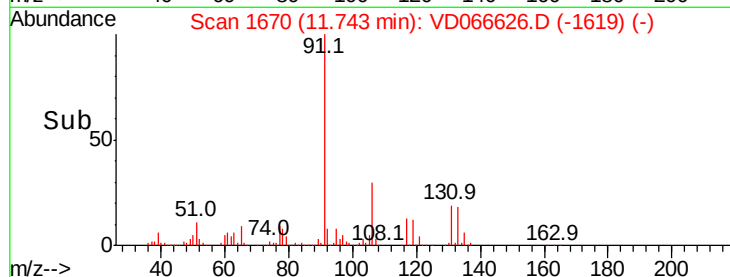
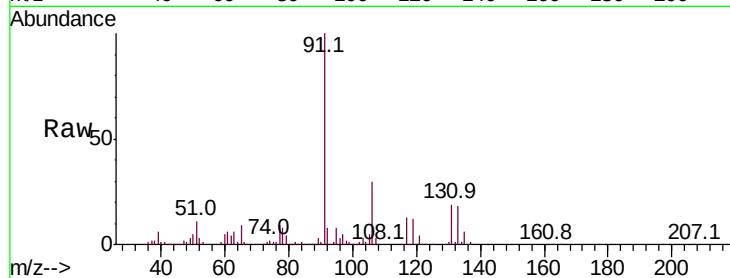




#67
Ethyl Benzene
Concen: 51.688 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

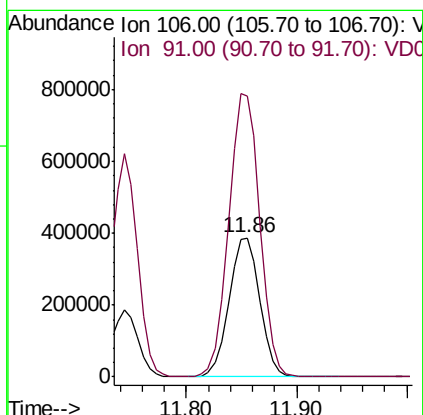
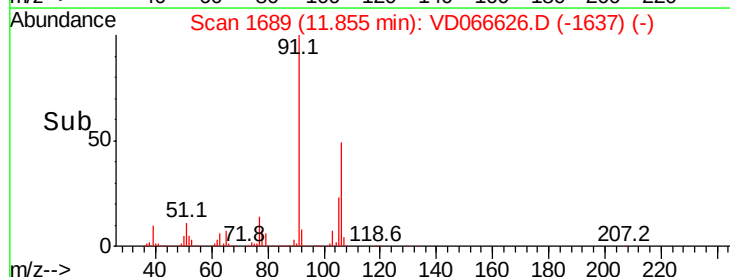
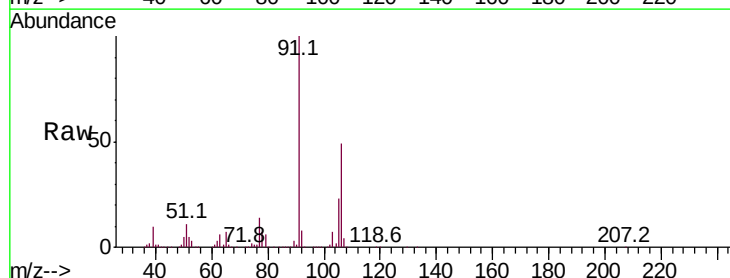
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

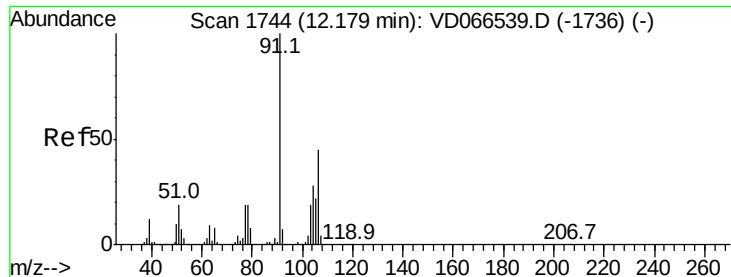
Tot Ion: 91 Resp: 994534
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 105.468 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion:106 Resp: 753495
Ion Ratio Lower Upper
106 100
91 205.5 162.4 243.6





#69

o-Xylene

Concen: 53.512 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

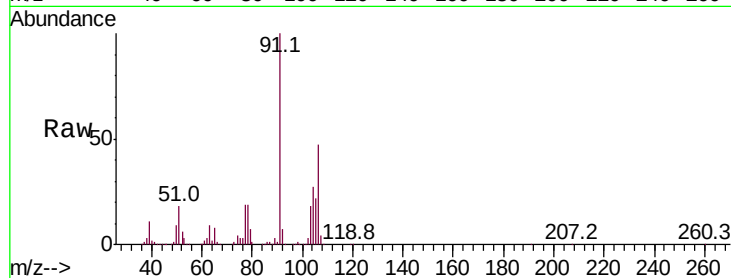
VSTDCCC050EC

Tot Ion:106 Resp: 342623

Ion Ratio Lower Upper

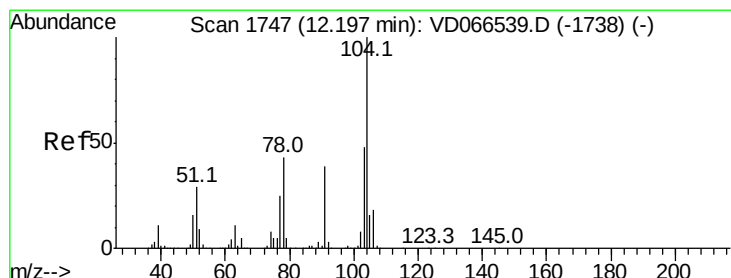
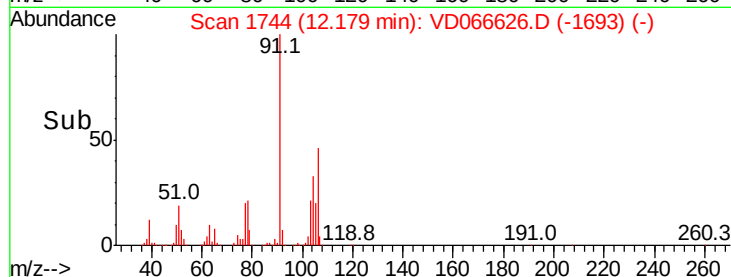
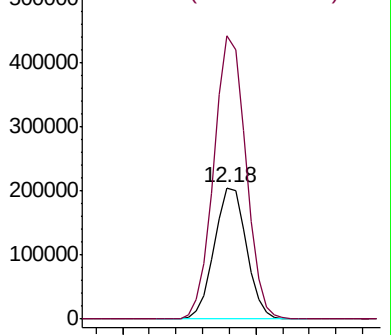
106 100

91 214.3 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 54.401 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

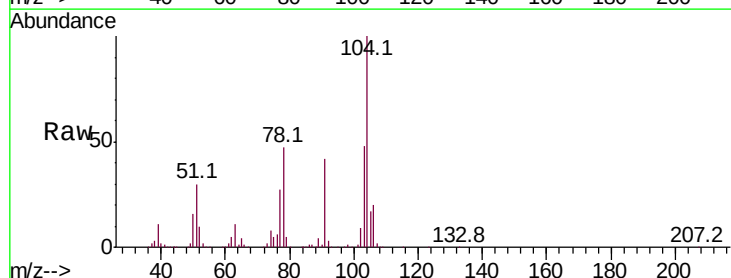
Tgt Ion:104 Resp: 605549

Ion Ratio Lower Upper

104 100

78 51.1 40.7 61.1

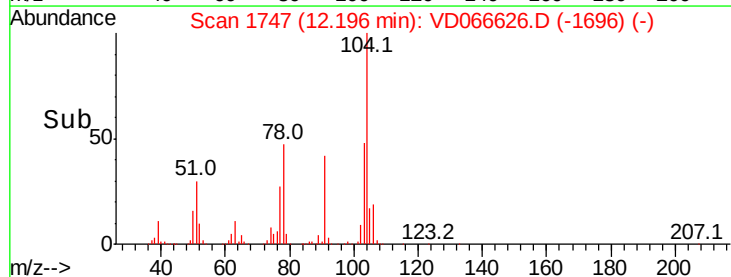
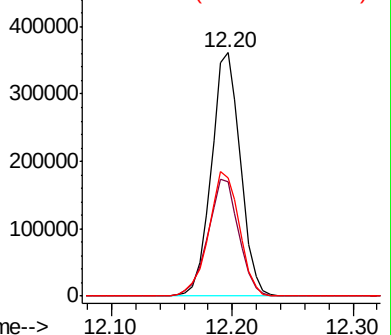
103 54.3 42.9 64.3

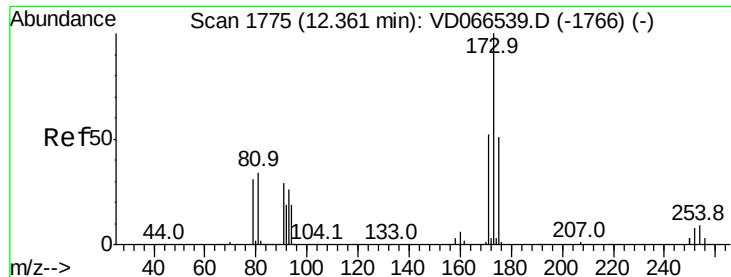


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.468 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

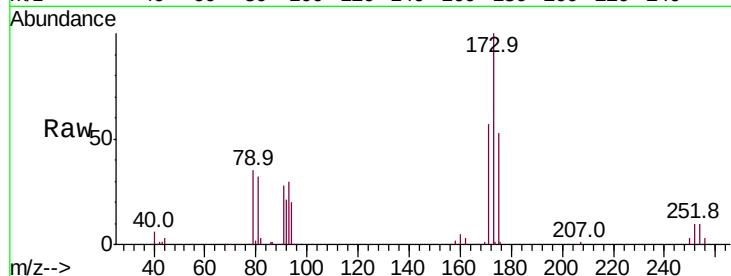
Tot Ion:173 Resp: 105750

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

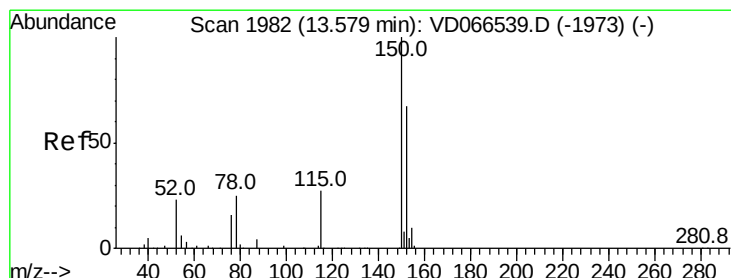
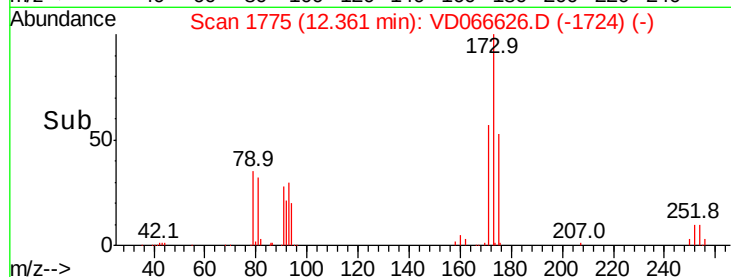
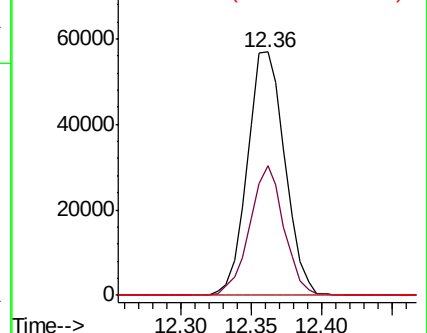
254 0.1 0.0 0.0#



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: VD066626.D

Acq: 10 Sep 2020 19:50

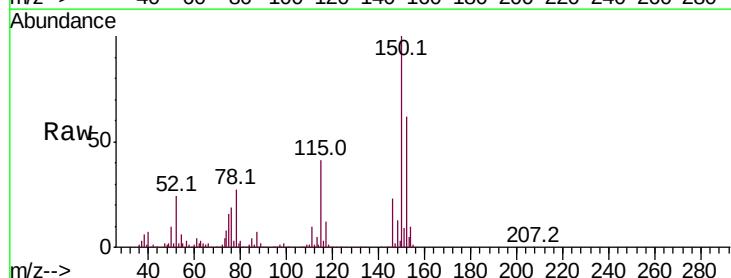
Tgt Ion:152 Resp: 241003

Ion Ratio Lower Upper

152 100

115 63.4 30.4 91.2

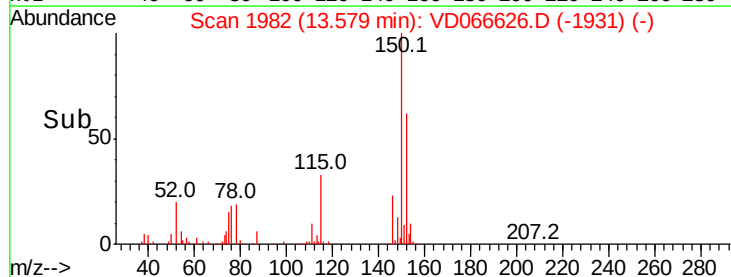
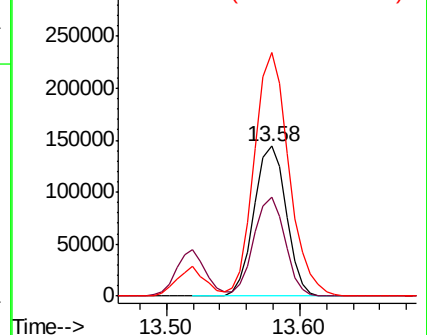
150 173.7 0.0 345.8

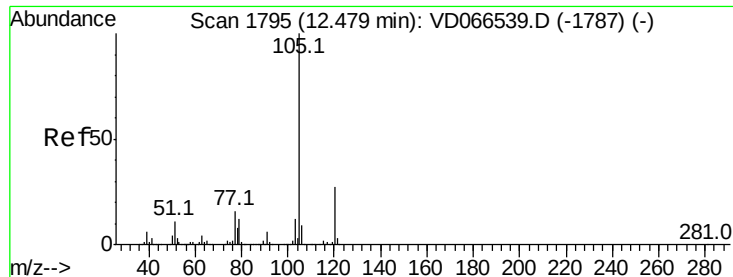


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.943 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

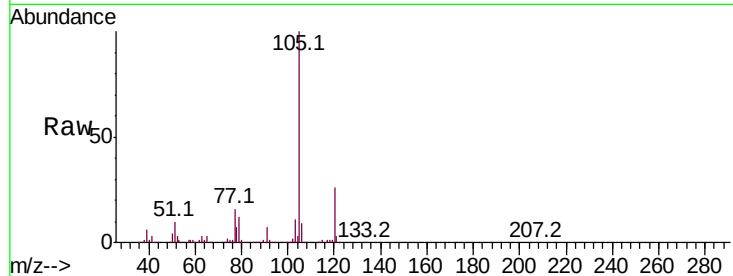
VSTDCCC050EC

Tot Ion:105 Resp: 926844

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

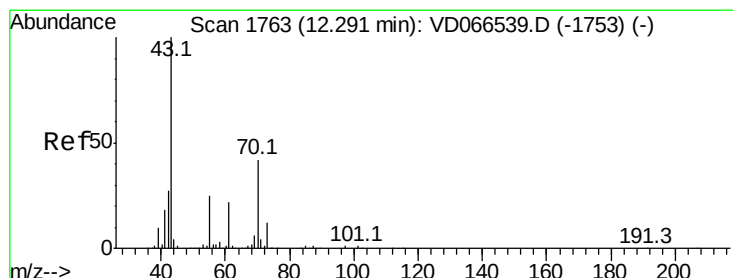
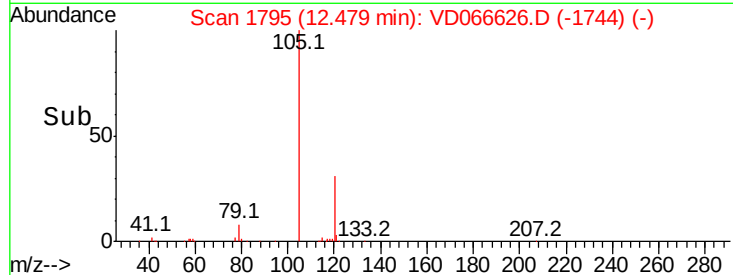
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 54.335 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion: 43 Resp: 219587

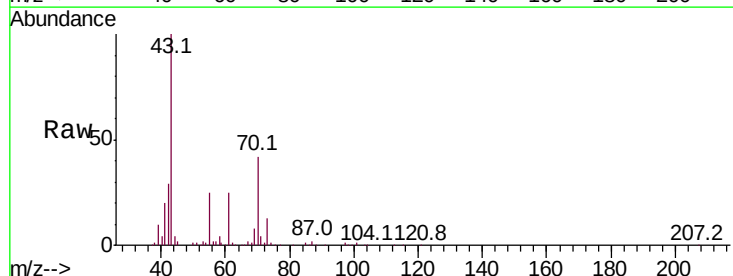
Ion Ratio Lower Upper

43 100

70 41.9 33.4 50.2

55 25.8 20.1 30.1

61 23.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

200000

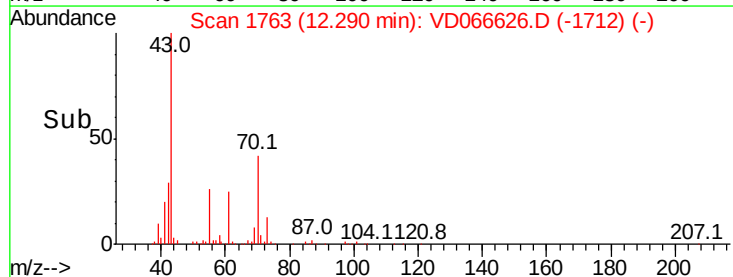
150000

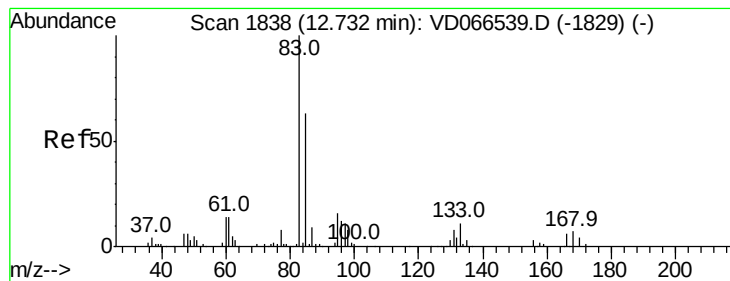
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.690 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

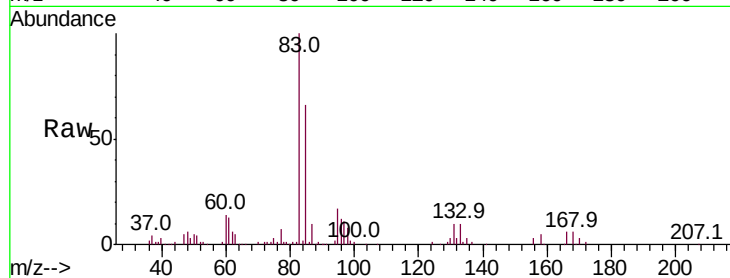
Tot Ion: 83 Resp: 166099

Ion Ratio Lower Upper

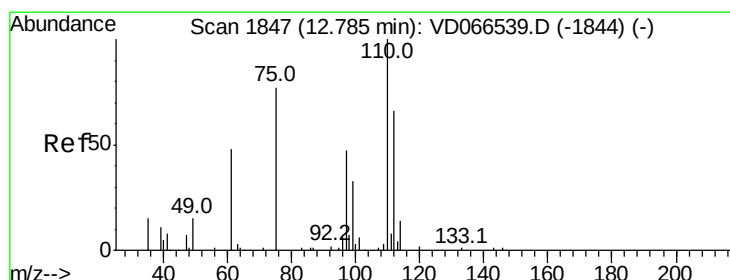
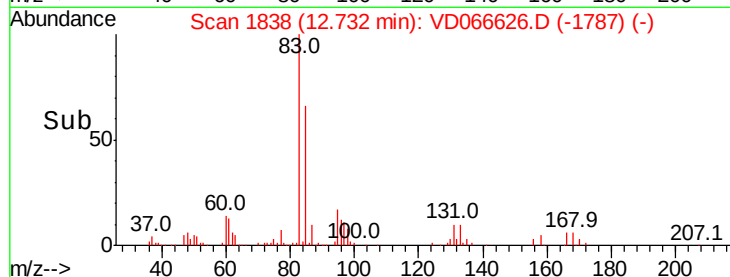
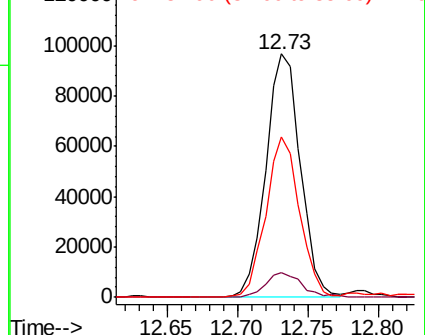
83 100

131 10.8 5.0 15.0

85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 96.615 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066626.D

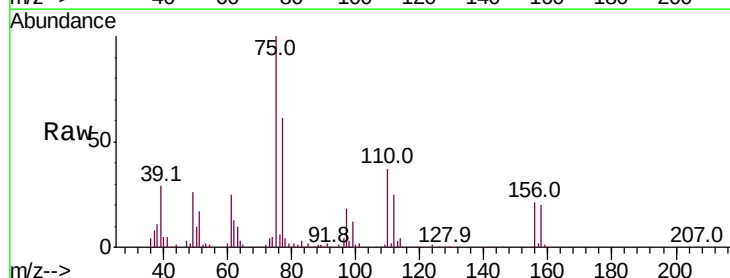
Acq: 10 Sep 2020 19:50

Tgt Ion: 75 Resp: 223934

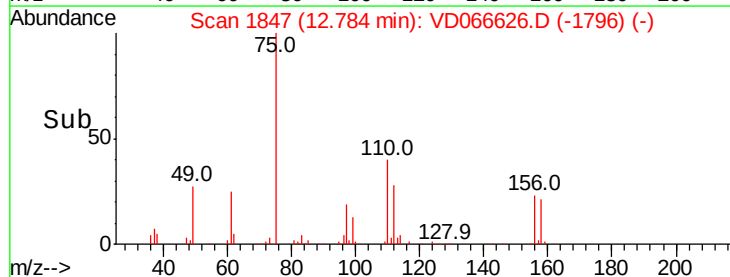
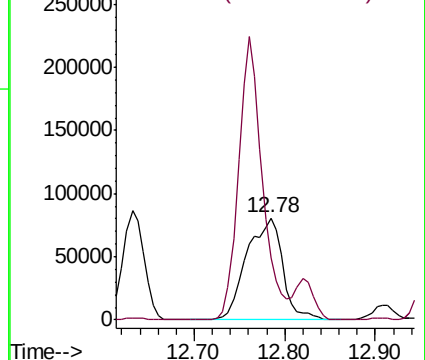
Ion Ratio Lower Upper

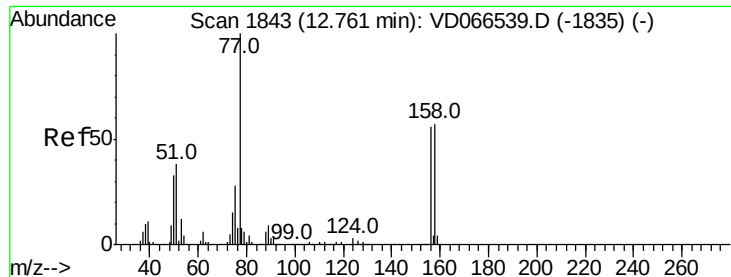
75 100

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: 52.921 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

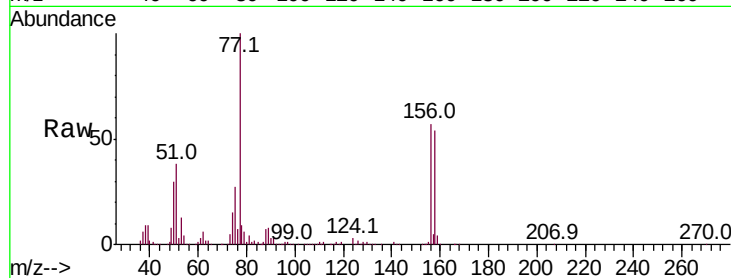
Tot Ion:156 Resp: 210527

Ion Ratio Lower Upper

156 100

77 194.9 98.0 294.1

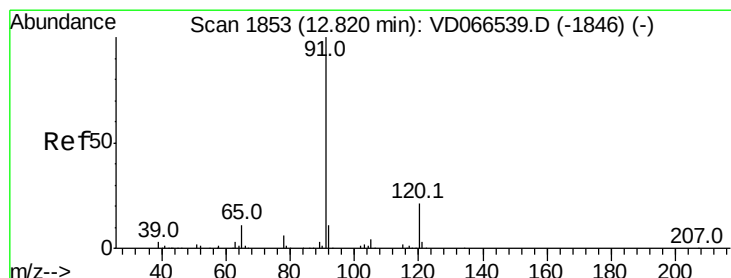
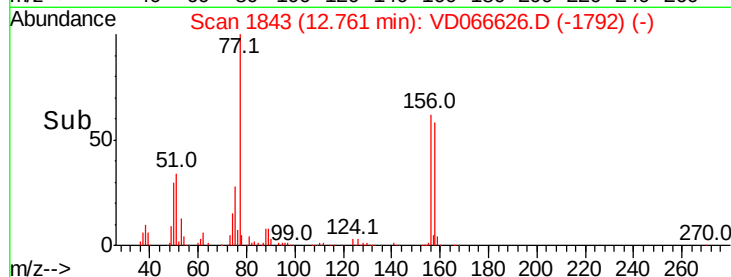
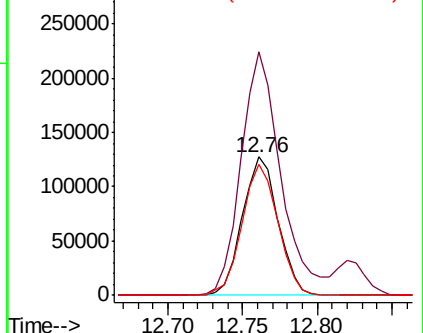
158 95.2 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.686 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066626.D

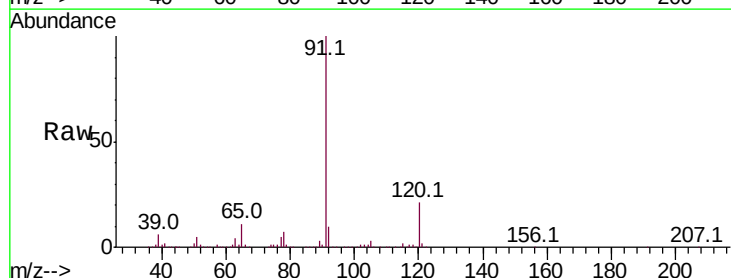
Acq: 10 Sep 2020 19:50

Tgt Ion: 91 Resp: 1118013

Ion Ratio Lower Upper

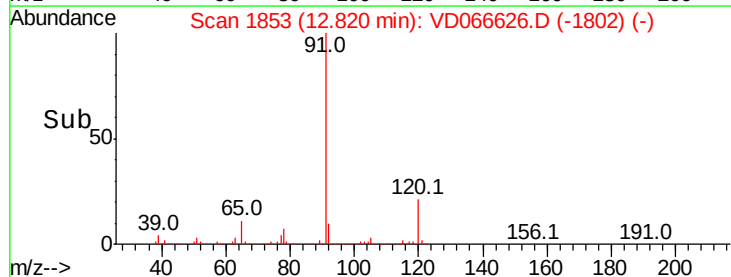
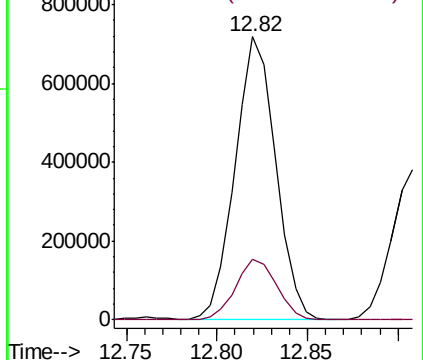
91 100

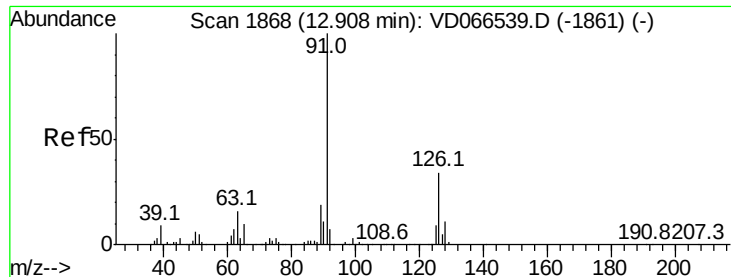
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

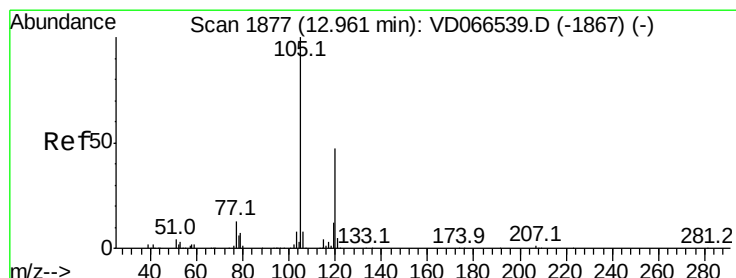
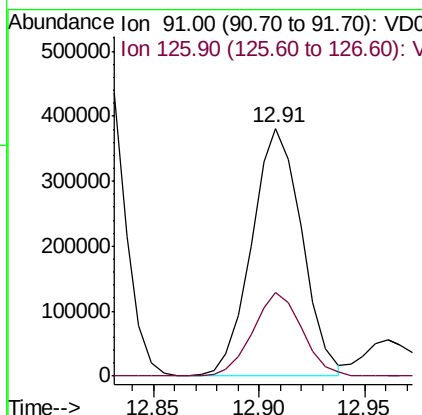
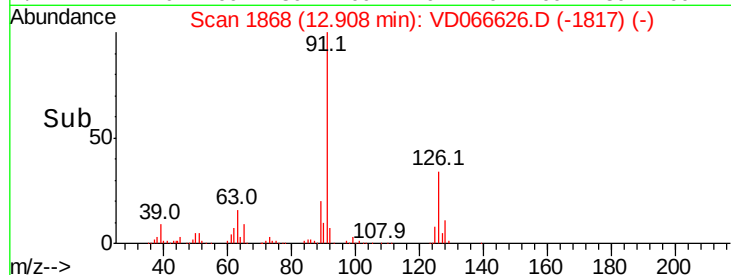
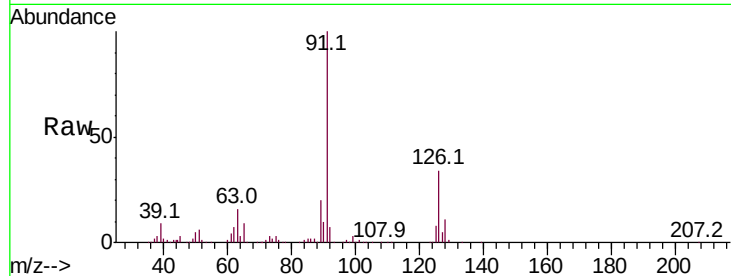




#79
 2-Chlorotoluene
 Concen: 51.928 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

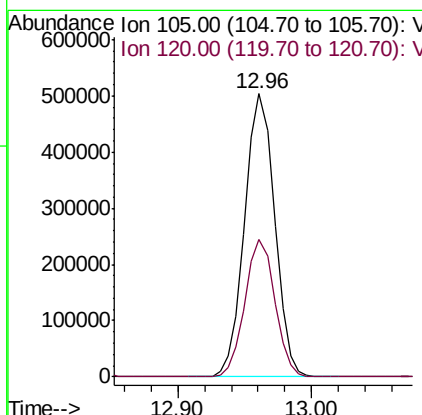
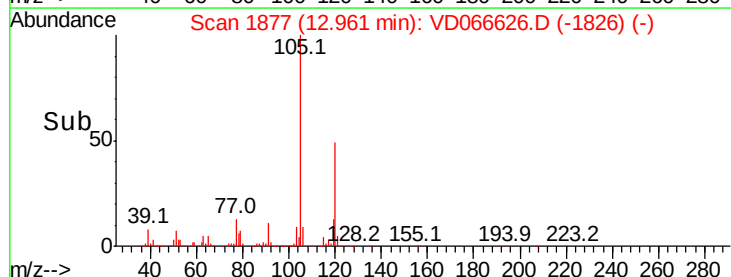
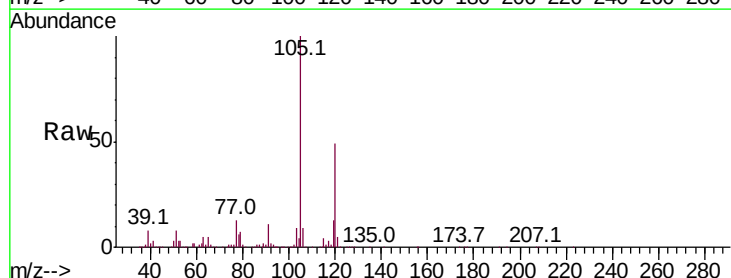
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

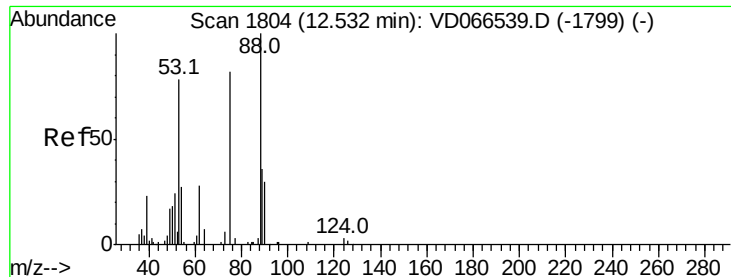
Tot Ion: 91 Resp: 630142
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.029 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion:105 Resp: 781398
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.8

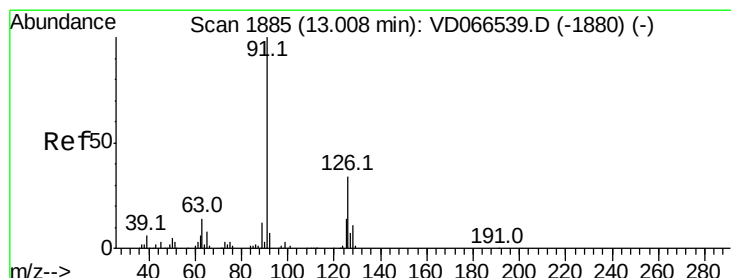
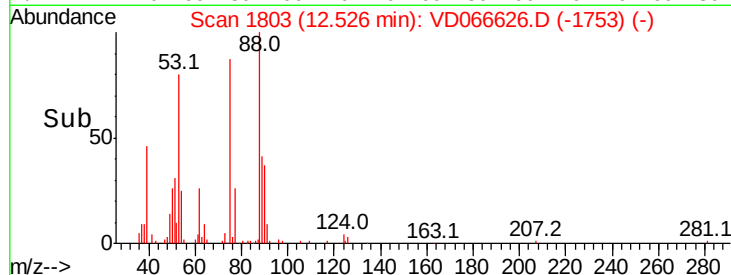
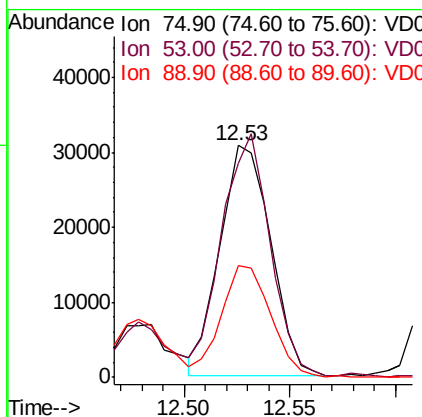
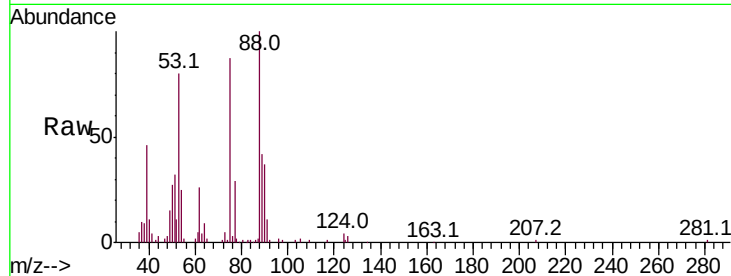




#81
trans-1,4-Dichloro-2-butene
Concen: 51.547 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

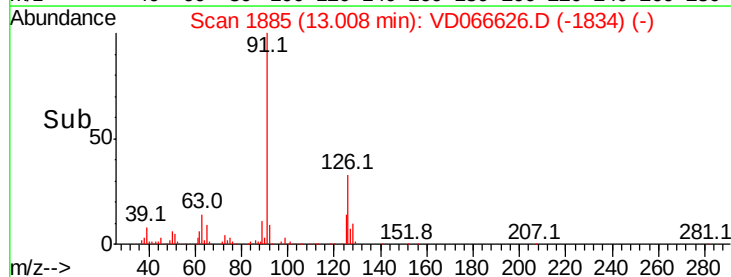
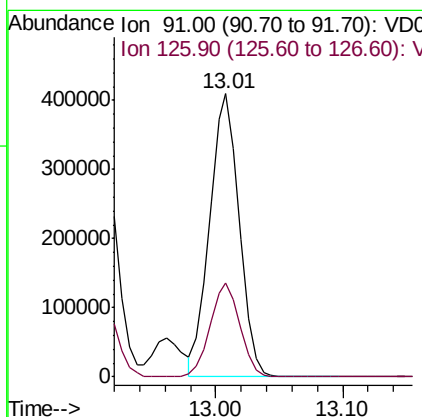
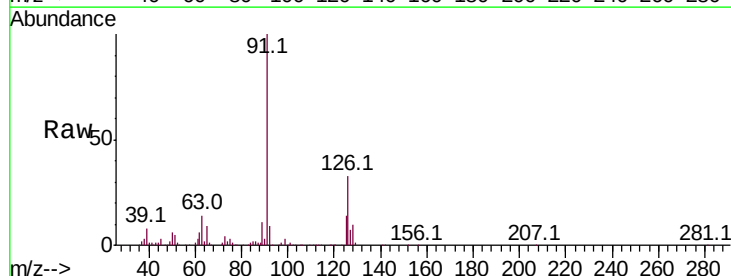
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

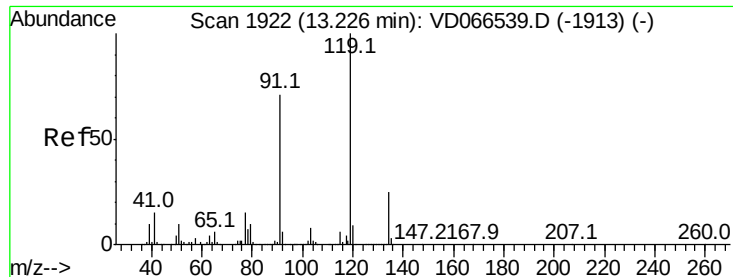
Tot Ion: 75 Resp: 51175
Ion Ratio Lower Upper
75 100
53 100.5 87.0 130.4
89 47.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 51.059 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 91 Resp: 662570
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1





#83

tert-Butylbenzene

Concen: 52.481 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

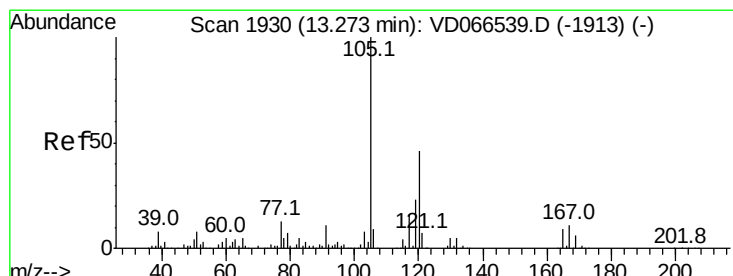
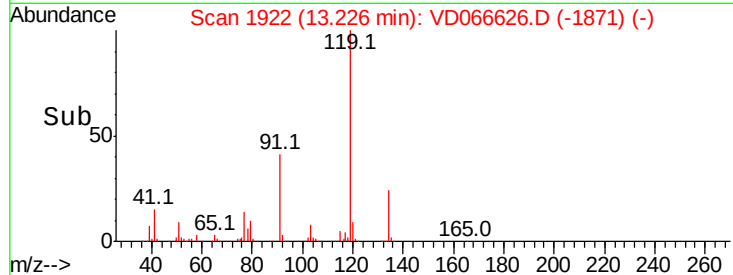
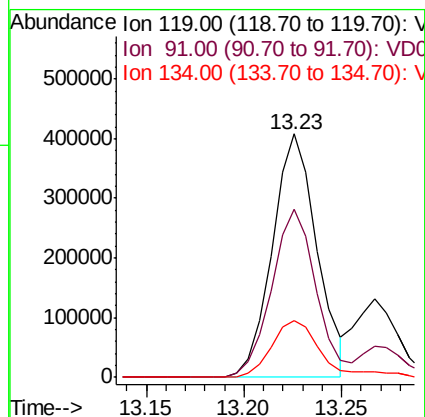
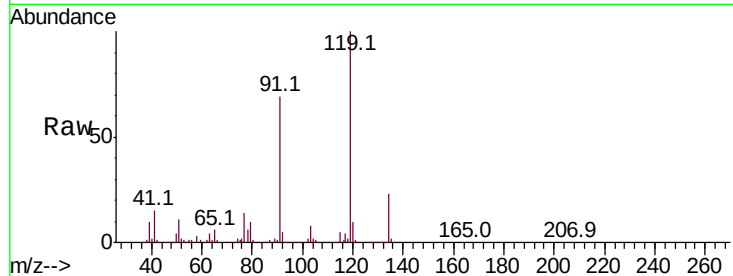
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 643641

Ion	Ratio	Lower	Upper
119	100		
91	69.5	35.2	105.6
134	26.3	13.5	40.5



#84

1,2,4-Trimethylbenzene

Concen: 52.597 ug/l

RT: 13.27 min Scan# 1930

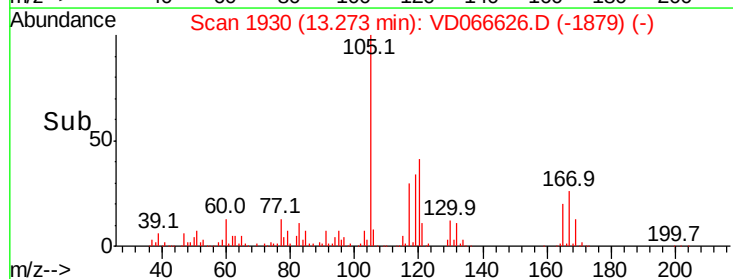
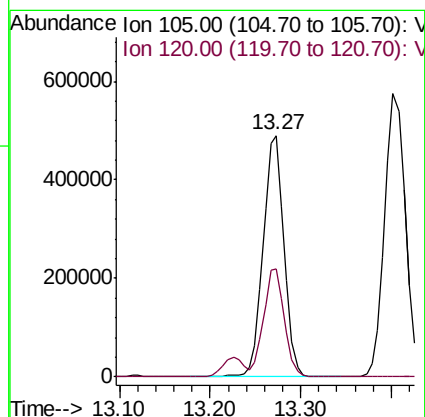
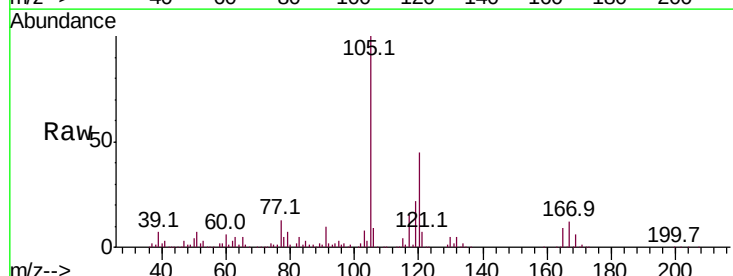
Delta R.T. -0.00 min

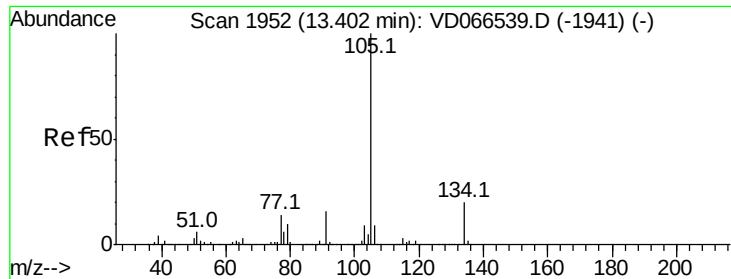
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:105 Resp: 786467

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.629 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

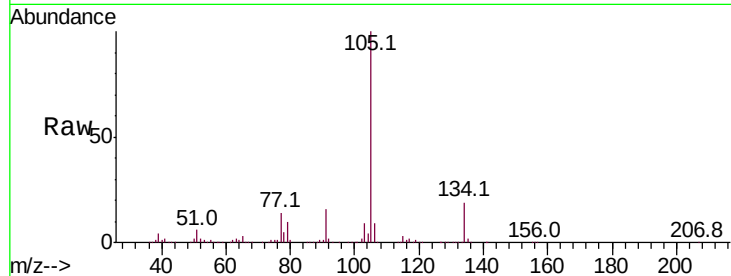
VSTDCCC050EC

Tot Ion:105 Resp: 912256

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

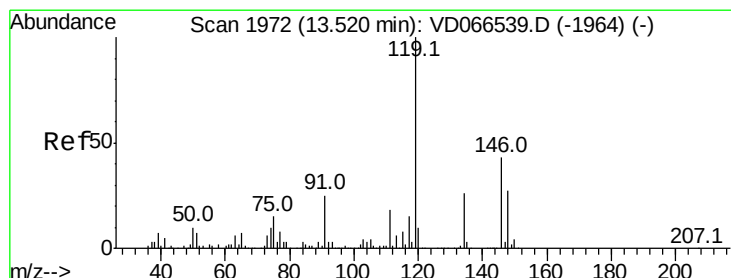
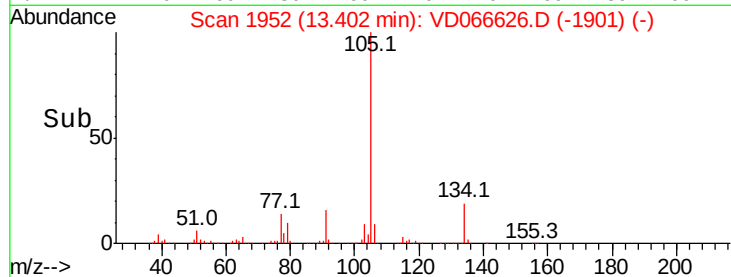
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 52.668 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

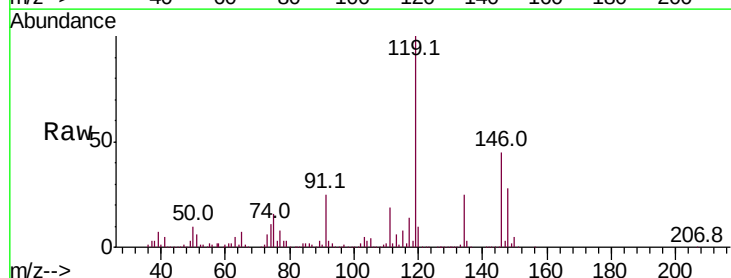
Tgt Ion:119 Resp: 837624

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 25.2 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

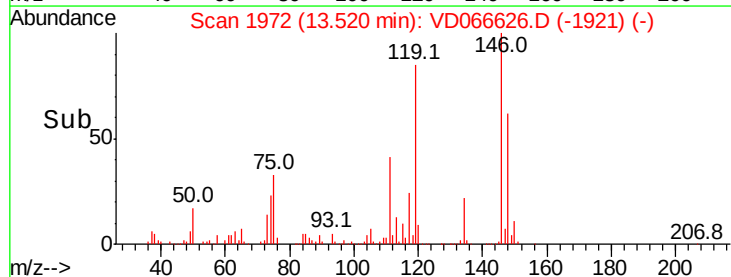
600000

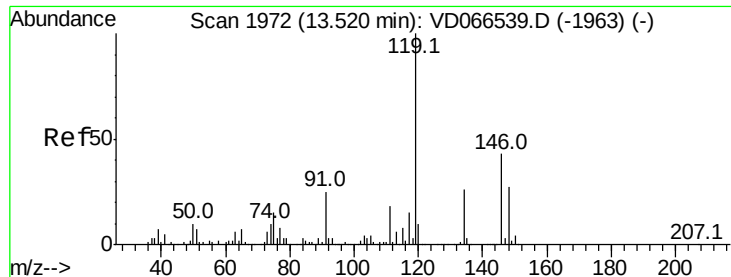
400000

200000

0

Time--> 13.50 13.60





#87

1,3-Dichlorobenzene

Concen: 51.395 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

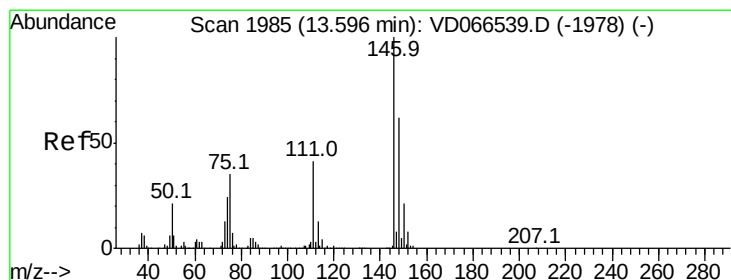
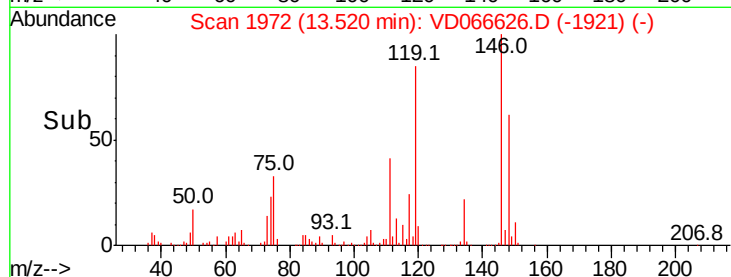
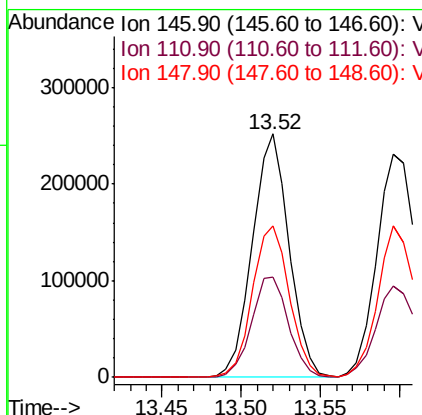
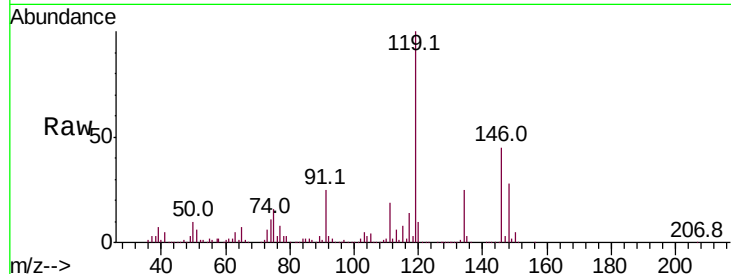
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 405896

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.9
148	62.8	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 49.680 ug/l

RT: 13.60 min Scan# 1985

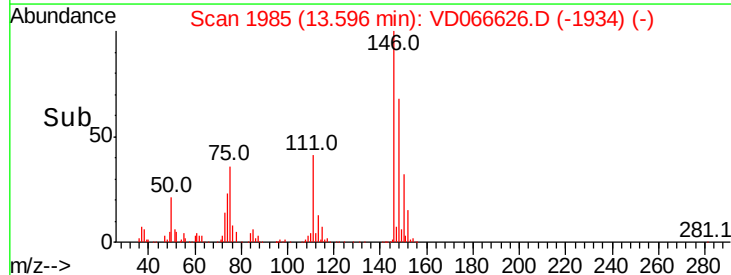
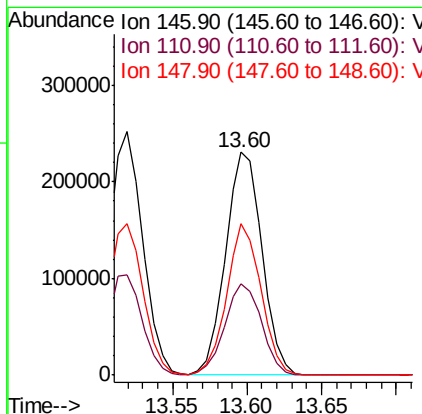
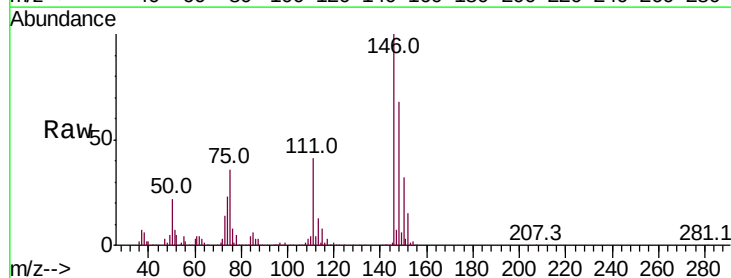
Delta R.T. -0.00 min

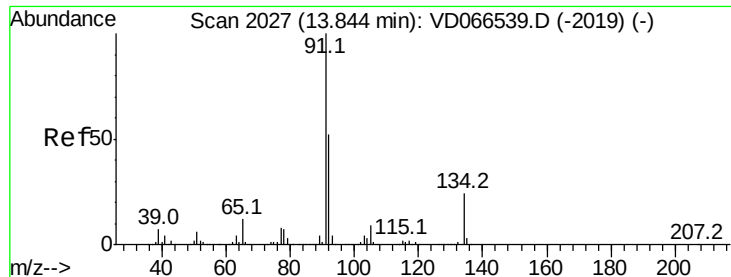
Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:146 Resp: 393800

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.2
148	64.0	31.6	94.8

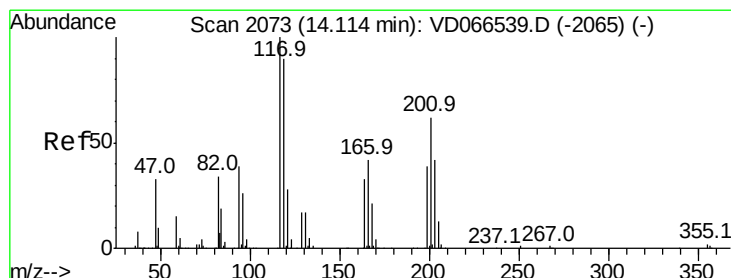
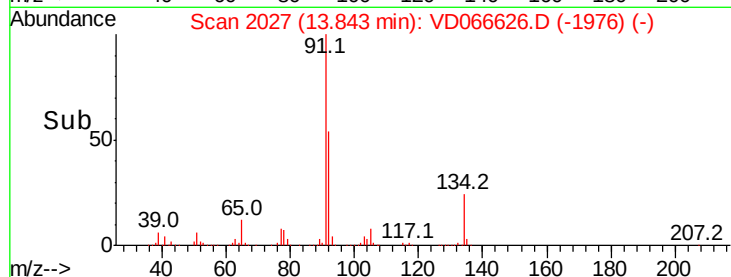
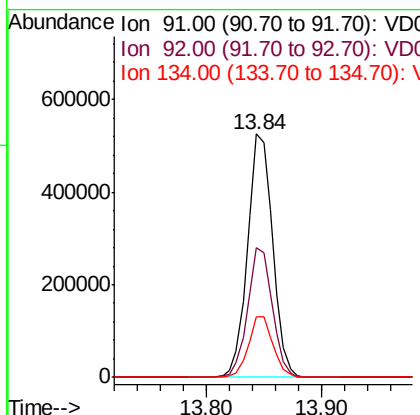
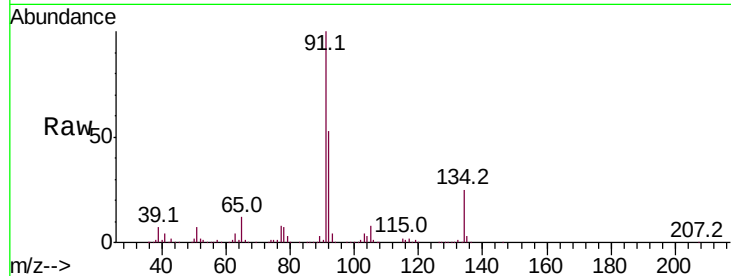




#89
n-Butylbenzene
Concen: 51.295 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

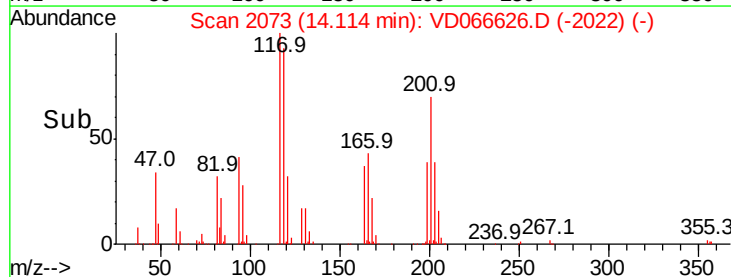
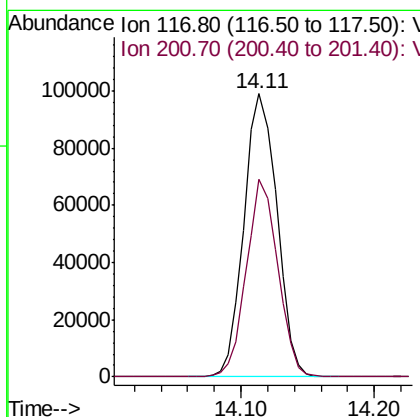
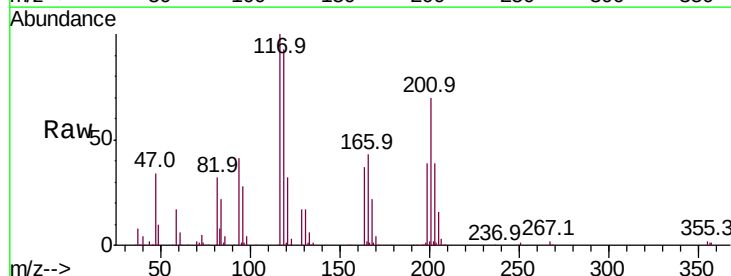
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

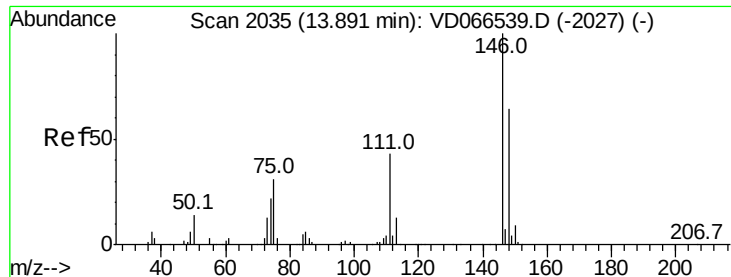
Tot Ion: 91 Resp: 794954
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 49.468 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 117 Resp: 169512
Ion Ratio Lower Upper
117 100
201 66.3 31.9 95.5

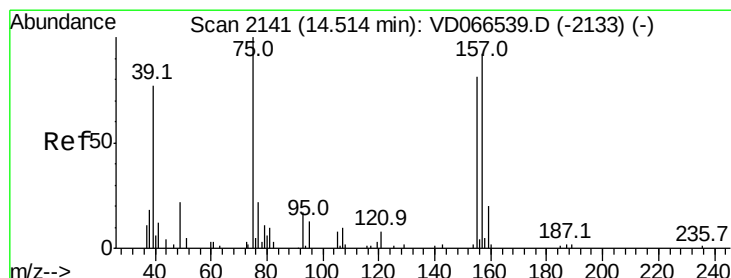
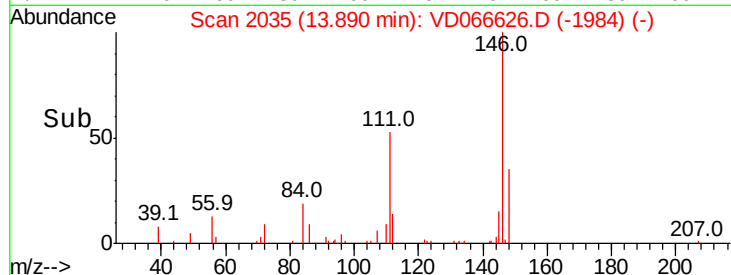
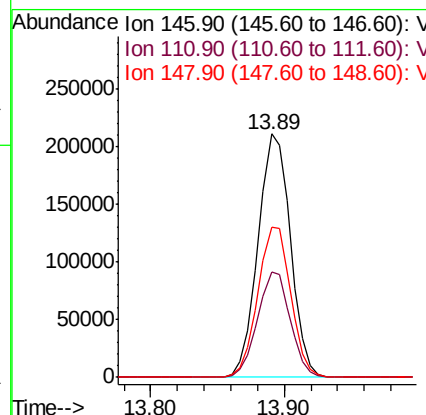
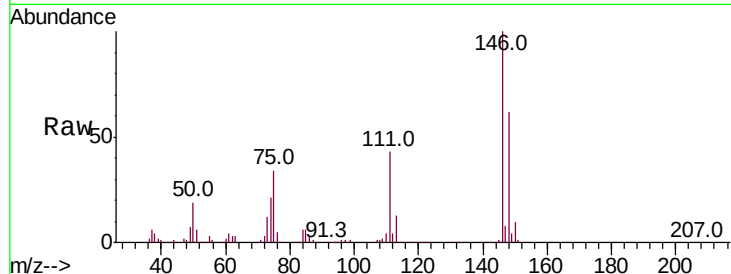




#91
 1,2-Dichlorobenzene
 Concen: 51.182 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

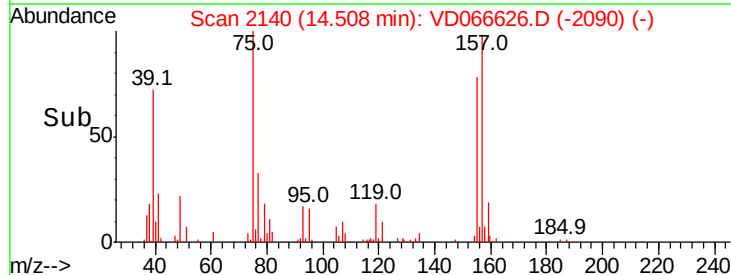
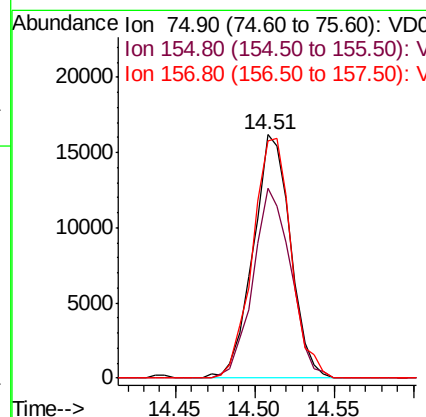
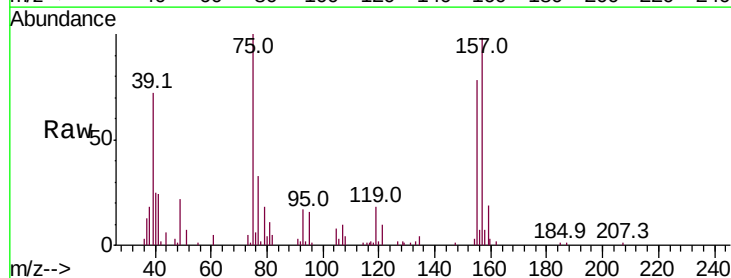
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

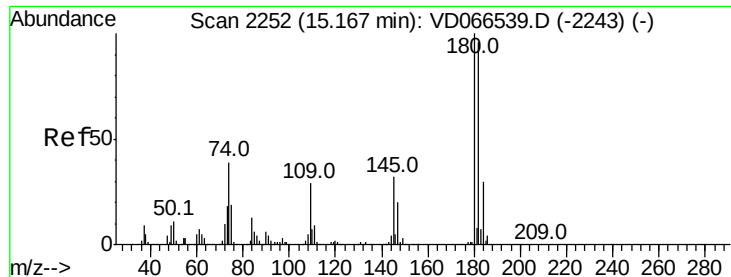
Tot Ion:146 Resp: 353314
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.4
 148 62.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.565 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion: 75 Resp: 26542
 Ion Ratio Lower Upper
 75 100
 155 78.6 39.3 117.8
 157 101.4 46.0 137.8

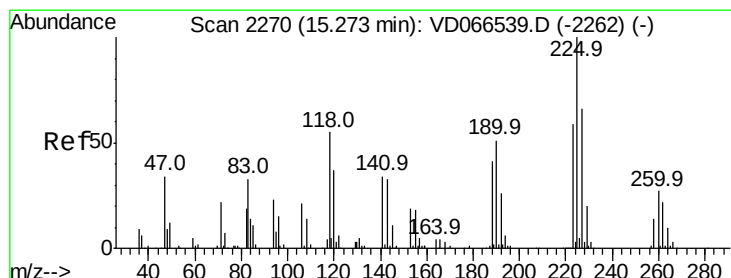
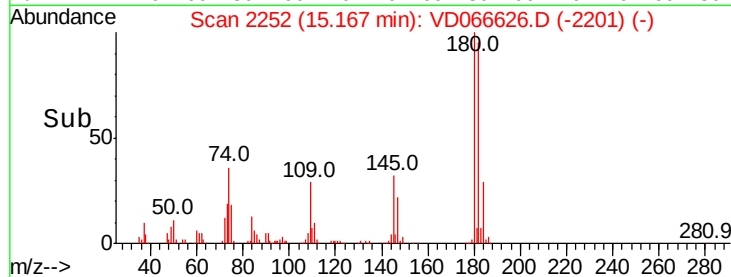
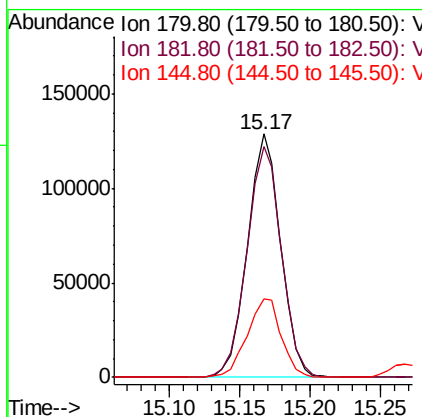
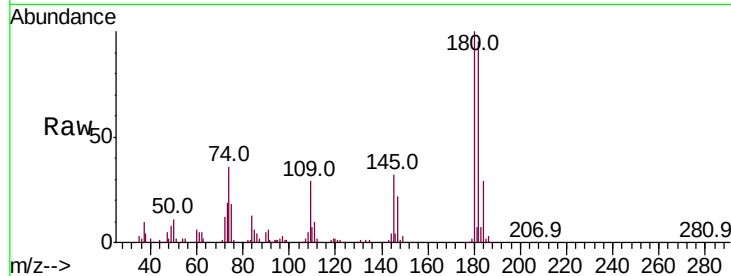




#93
 1,2,4-Trichlorobenzene
 Concen: 51.281 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

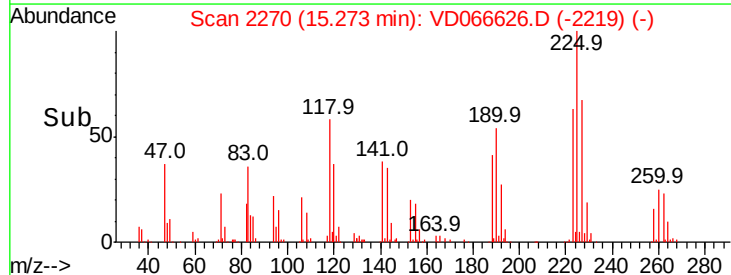
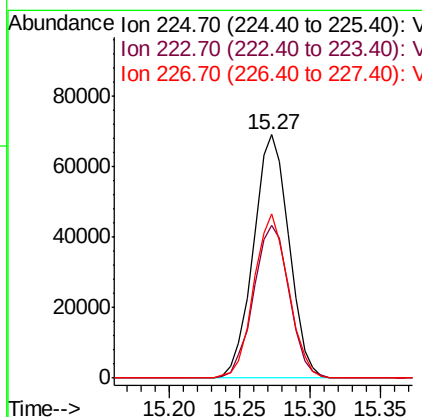
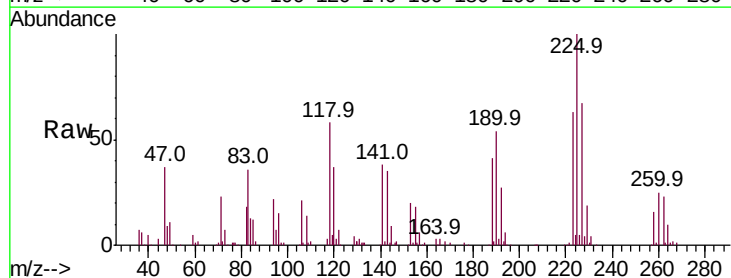
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

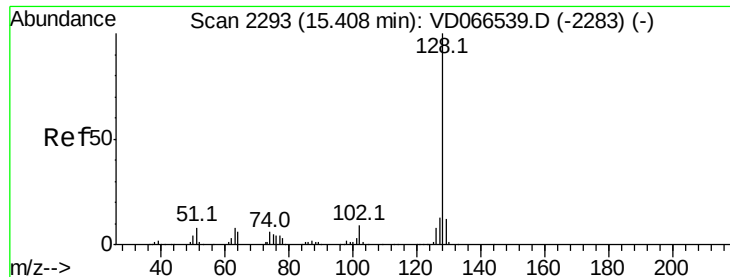
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.4	145.0
145	33.2	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 49.242 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.5	91.5
227	65.2	32.4	97.2

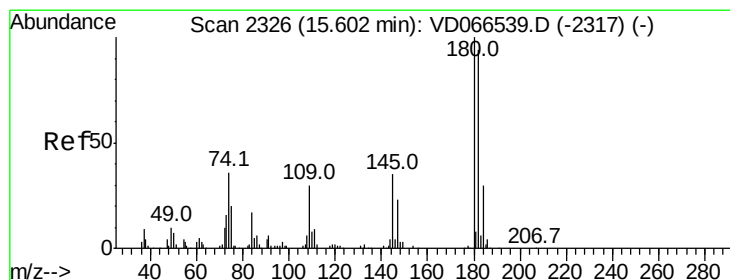
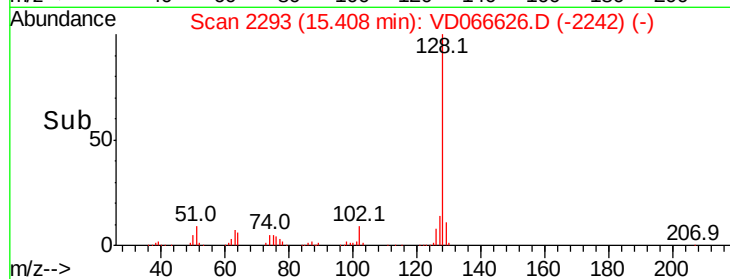
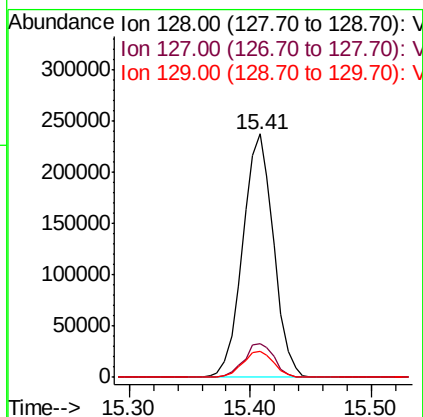
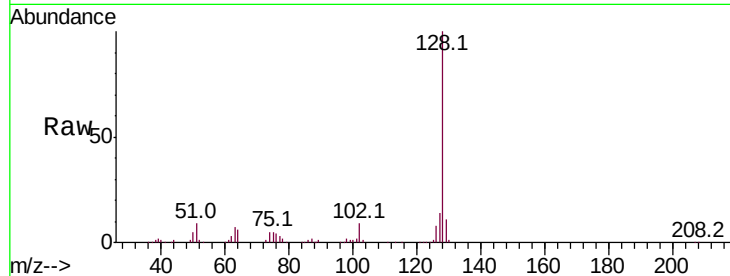




#95
Naphthalene
Concen: 58.200 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 421329
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.1 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 55.296 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion:180 Resp: 195306
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 33.3 17.3 51.7

