

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066810.D
 Acq On : 22 Sep 2020 14:56
 Operator : VA/SY
 Sample : VD0922SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

Quant Time: Sep 23 02:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	432845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	681548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199771	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.91	113	201571	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.33	98	721842	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.63	95	248873	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	77087	22.320	ug/l	92
3) Chloromethane	2.21	50	87100	21.901	ug/l	98
4) Vinyl Chloride	2.35	62	85076	21.654	ug/l	95
5) Bromomethane	2.76	94	56052	20.297	ug/l	98
6) Chloroethane	2.92	64	50032	20.506	ug/l	95
7) Trichlorofluoromethane	3.27	101	162035	20.081	ug/l	95
8) Diethyl Ether	3.70	74	38795	18.938	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	92412	19.751	ug/l	97
10) Methyl Iodide	4.30	142	74017	17.927	ug/l	96
11) Tert butyl alcohol	5.20	59	32832	99.501	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	84997	20.053	ug/l	96
13) Acrolein	3.92	56	30707	98.254	ug/l	98
14) Allyl chloride	4.71	41	124494	20.003	ug/l	99
15) Acrylonitrile	5.43	53	85194	93.845	ug/l	99
16) Acetone	4.15	43	85211	94.815	ug/l	91
17) Carbon Disulfide	4.41	76	260026	20.066	ug/l	100
18) Methyl Acetate	4.72	43	40355	17.787	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	178321	19.373	ug/l	97
20) Methylene Chloride	4.96	84	136309	25.218	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	99704	20.316	ug/l	95
22) Diisopropyl ether	6.36	45	258427	20.194	ug/l	98
23) Vinyl Acetate	6.30	43	653235	95.687	ug/l	97
24) 1,1-Dichloroethane	6.26	63	167589	19.576	ug/l	97
25) 2-Butanone	7.21	43	105837	97.997	ug/l	92
26) 2,2-Dichloropropane	7.20	77	152481	19.433	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105467	19.779	ug/l	99
28) Bromochloromethane	7.54	49	68090	19.252	ug/l #	100
29) Tetrahydrofuran	7.57	42	68953	99.641	ug/l	99
30) Chloroform	7.71	83	177252	19.208	ug/l	98
31) Cyclohexane	7.98	56	152198	19.758	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	167045	20.010	ug/l	100
36) 1,1-Dichloropropene	8.11	75	138456	20.477	ug/l	99
37) Ethyl Acetate	7.28	43	46222	18.910	ug/l #	91
38) Carbon Tetrachloride	8.10	117	146142	19.770	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066810.D
 Acq On : 22 Sep 2020 14:56
 Operator : VA/SY
 Sample : VD0922SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

Quant Time: Sep 23 02:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	154712	19.929	ug/l	93
40) Benzene	8.34	78	380715	20.203	ug/l	97
41) Methacrylonitrile	7.52	41	27282	18.149	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	111095	19.942	ug/l	99
43) Isopropyl Acetate	8.44	43	91755	19.470	ug/l	99
44) Trichloroethene	9.11	130	104860	19.523	ug/l	93
45) 1,2-Dichloropropane	9.38	63	93390	19.697	ug/l	95
46) Dibromomethane	9.47	93	49972	19.399	ug/l	98
47) Bromodichloromethane	9.66	83	135600	19.595	ug/l	98
48) Methyl methacrylate	9.46	41	41452	17.840	ug/l	95
49) 1,4-Dioxane	9.46	88	12053	344.574	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	239122	100.140	ug/l	97
52) Toluene	10.40	92	247070	20.355	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	117838	20.007	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	142964	19.907	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	68677	19.393	ug/l	97
56) Ethyl methacrylate	10.66	69	75369	19.867	ug/l	98
57) 1,3-Dichloropropane	10.94	76	114792	19.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	214971	119.674	ug/l	99
59) 2-Hexanone	10.98	43	160602	99.733	ug/l	99
60) Dibromochloromethane	11.14	129	87146	18.855	ug/l	96
61) 1,2-Dibromoethane	11.24	107	66532	20.199	ug/l	97
64) Tetrachloroethene	10.87	164	87885	19.880	ug/l	95
65) Chlorobenzene	11.67	112	252191	19.714	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	94968	19.614	ug/l	98
67) Ethyl Benzene	11.74	91	442595	19.699	ug/l	100
68) m/p-Xylenes	11.85	106	355353	41.774	ug/l	99
69) o-Xylene	12.18	106	151263	19.665	ug/l	99
70) Styrene	12.20	104	268654	20.112	ug/l	99
71) Bromoform	12.36	173	47311	19.299	ug/l #	99
73) Isopropylbenzene	12.48	105	426844	20.242	ug/l	99
74) N-amyl acetate	12.29	43	82719	20.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	72337	19.880	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	94823	39.199	ug/l #	100
77) Bromobenzene	12.76	156	96518	19.571	ug/l	98
78) n-propylbenzene	12.82	91	524903	20.691	ug/l	100
79) 2-Chlorotoluene	12.91	91	293171	20.280	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	368031	20.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20529	21.232	ug/l	97
82) 4-Chlorotoluene	13.01	91	317222	20.817	ug/l	98
83) tert-Butylbenzene	13.23	119	296268	20.151	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	365388	20.594	ug/l	98
85) sec-Butylbenzene	13.40	105	429871	20.332	ug/l	99
86) p-Isopropyltoluene	13.52	119	399877	20.982	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	195450	20.060	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	190537	19.689	ug/l	98
89) n-Butylbenzene	13.84	91	360535	19.904	ug/l	99
90) Hexachloroethane	14.11	117	75111	19.413	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	165775	19.887	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12194	20.833	ug/l	93

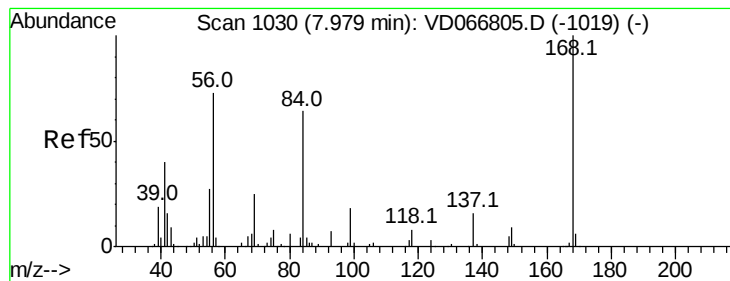
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092220\
Data File : VD066810.D
Acq On : 22 Sep 2020 14:56
Operator : VA/SY
Sample : VD0922SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Quant Time: Sep 23 02:07:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	99592	18.979	ug/l	99
94) Hexachlorobutadiene	15.27	225	60817	19.340	ug/l	98
95) Naphthalene	15.41	128	167296	18.778	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	89882	19.845	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

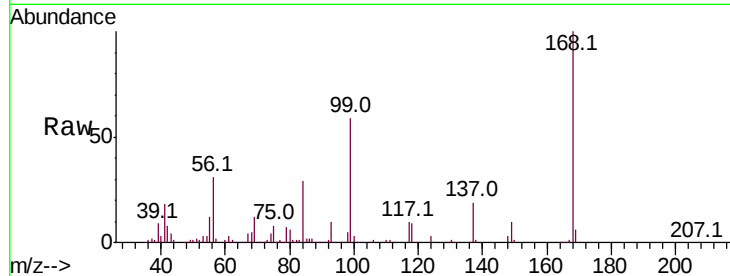
VD0922SBS01

Tot Ion:168 Resp: 432845

Ion Ratio Lower Upper

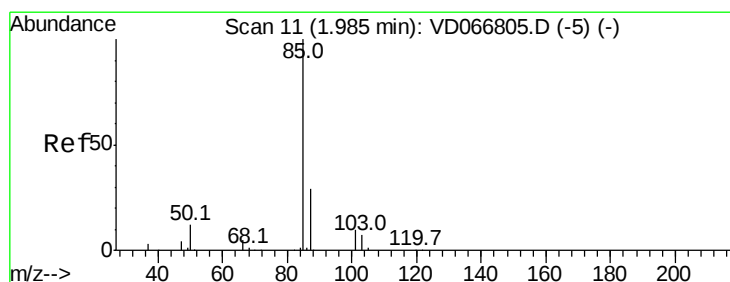
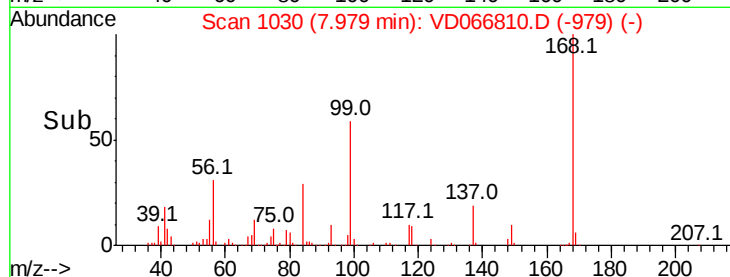
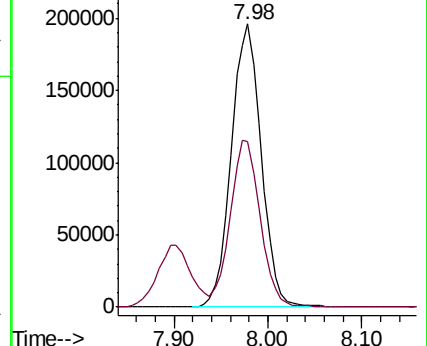
168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.320 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066810.D

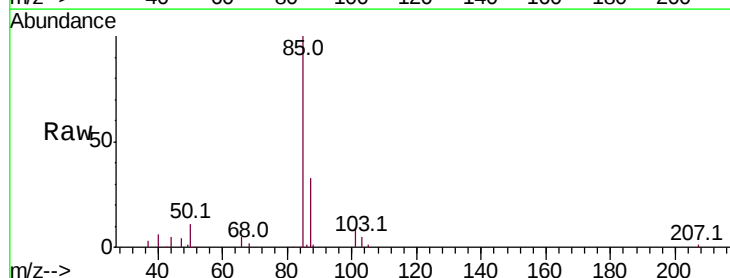
Acq: 22 Sep 2020 14:56

Tgt Ion: 85 Resp: 77087

Ion Ratio Lower Upper

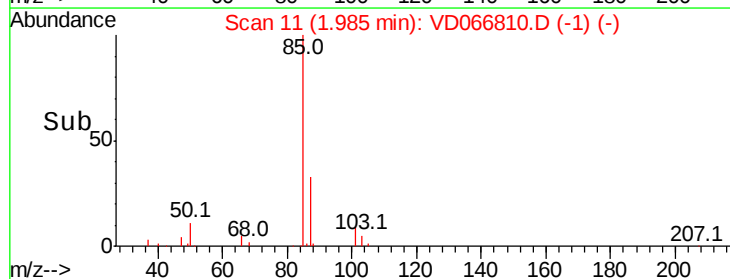
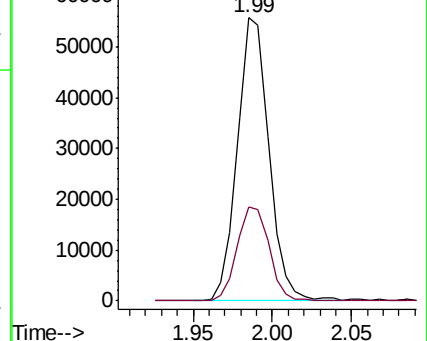
85 100

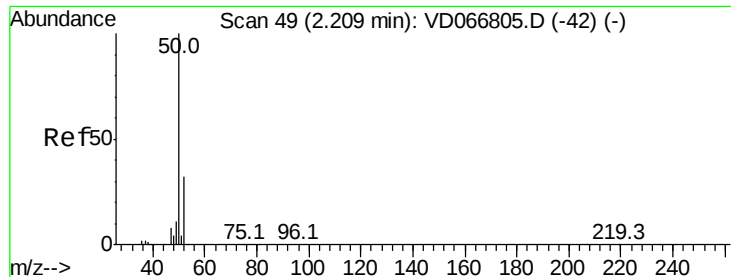
87 33.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.901 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

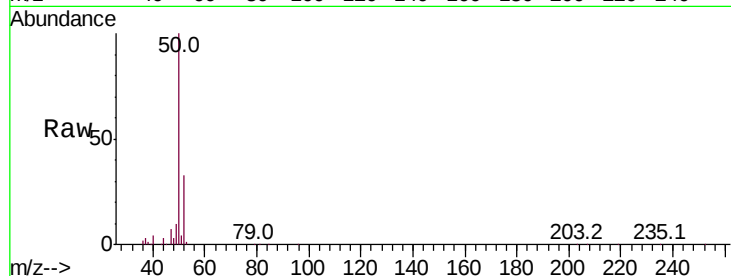
VD0922SBS01

Tot Ion: 50 Resp: 87100

Ion Ratio Lower Upper

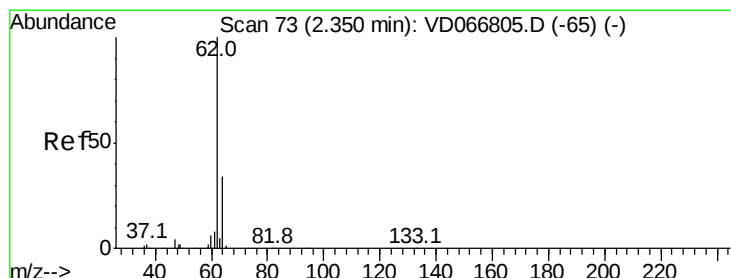
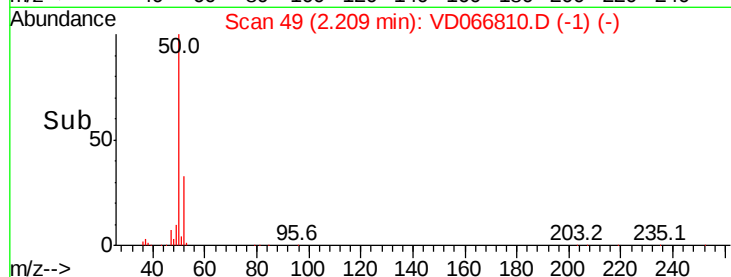
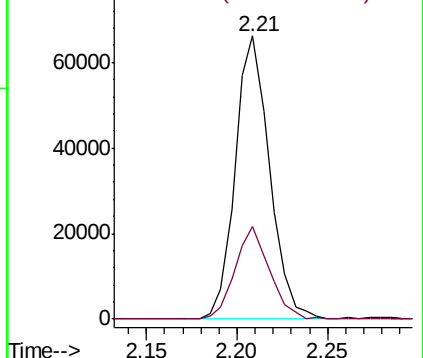
50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.654 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066810.D

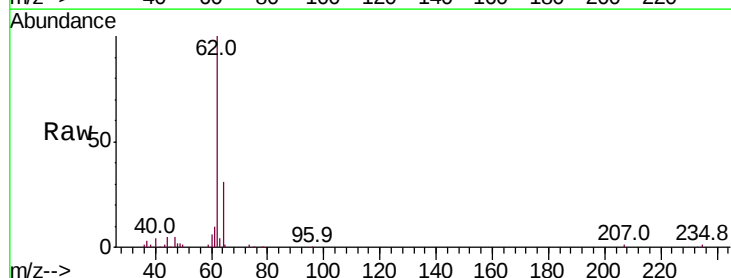
Acq: 22 Sep 2020 14:56

Tgt Ion: 62 Resp: 85076

Ion Ratio Lower Upper

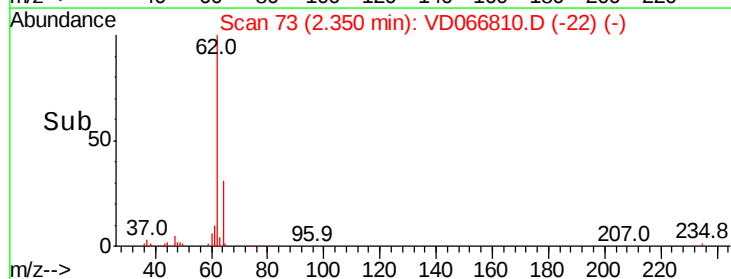
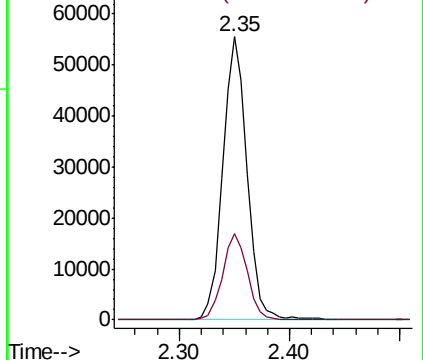
62 100

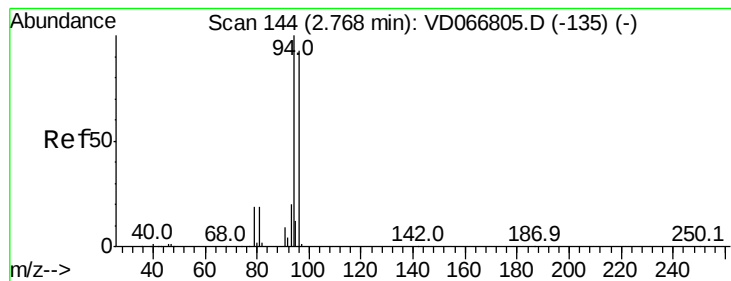
64 30.7 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.297 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

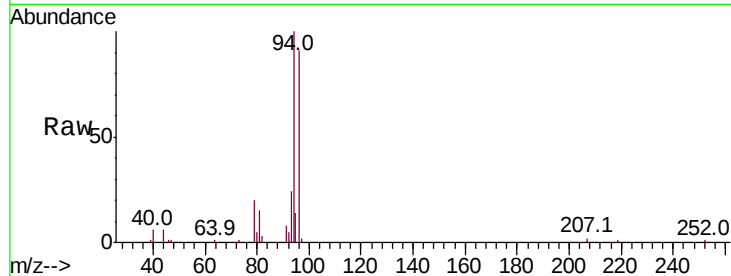
VD0922SBS01

Tot Ion: 94 Resp: 56052

Ion Ratio Lower Upper

94 100

96 91.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

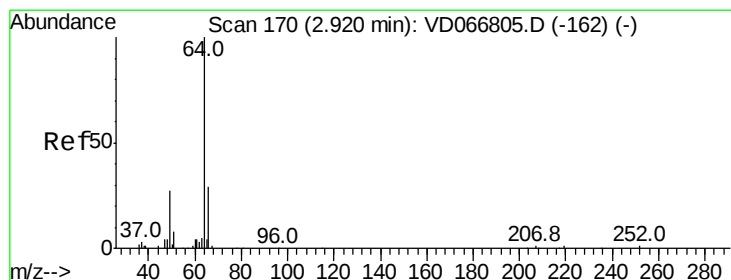
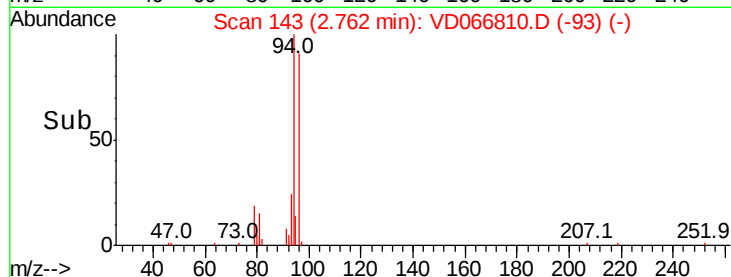
15000

10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.506 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066810.D

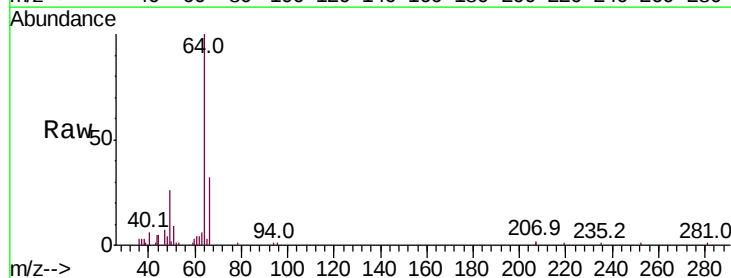
Acq: 22 Sep 2020 14:56

Tgt Ion: 64 Resp: 50032

Ion Ratio Lower Upper

64 100

66 31.8 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

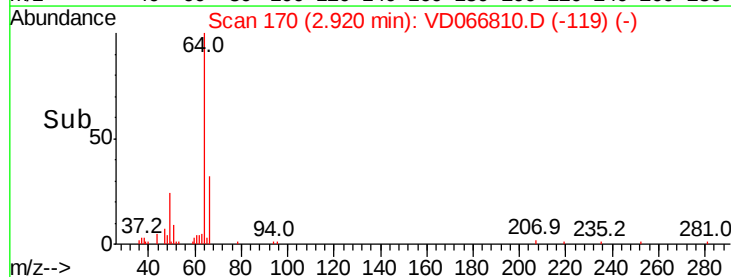
15000

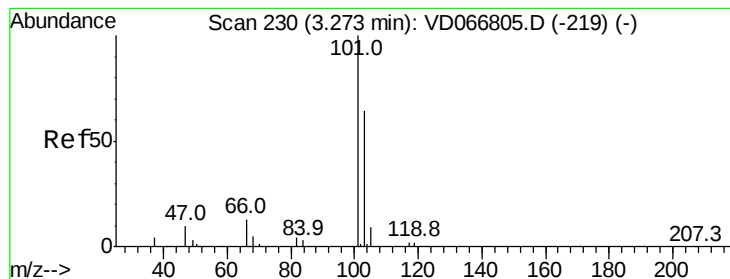
10000

5000

0

Time--> 2.85 2.90 2.95 3.00



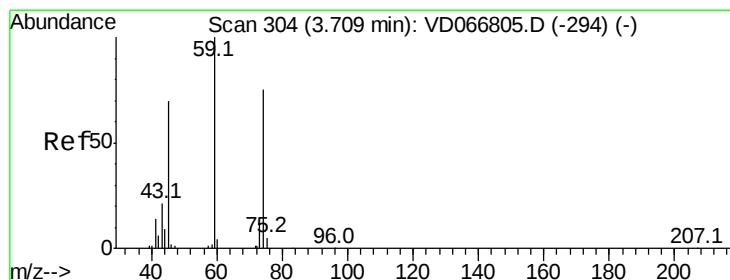
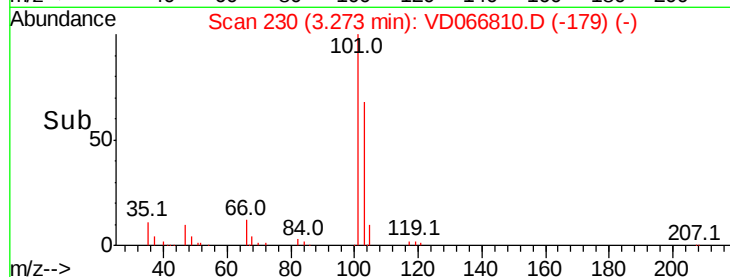
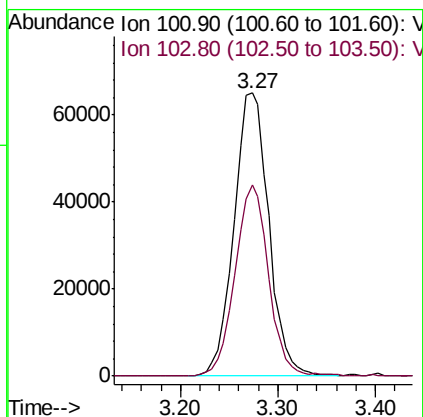
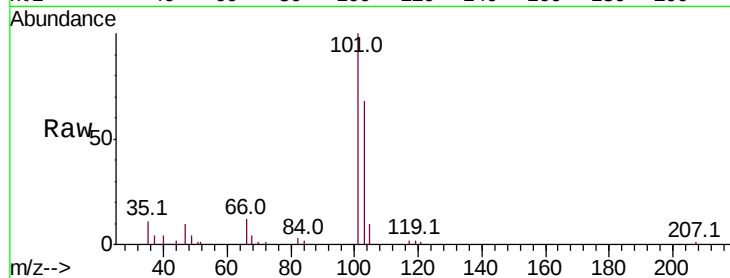


#7

Trichlorofluoromethane
 Concen: 20.081 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

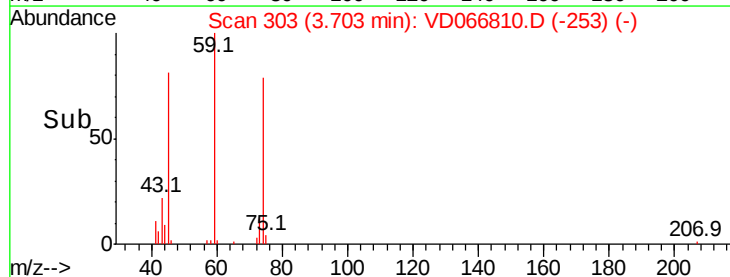
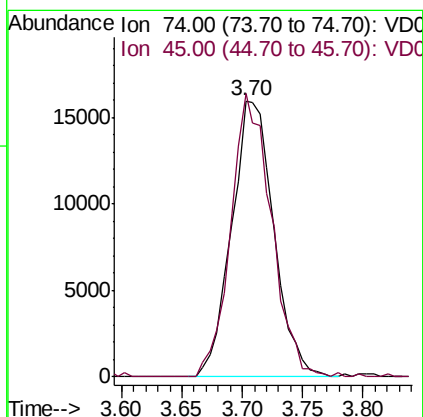
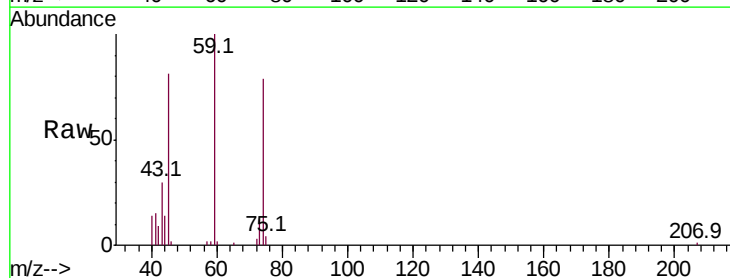
Tot Ion:101 Resp: 162035
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.0 76.6

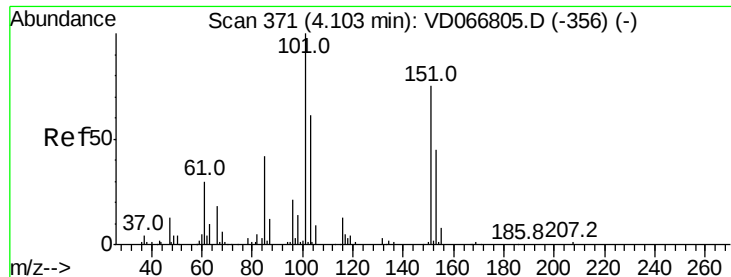


#8

Diethyl Ether
 Concen: 18.938 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion: 74 Resp: 38795
 Ion Ratio Lower Upper
 74 100
 45 98.4 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.751 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

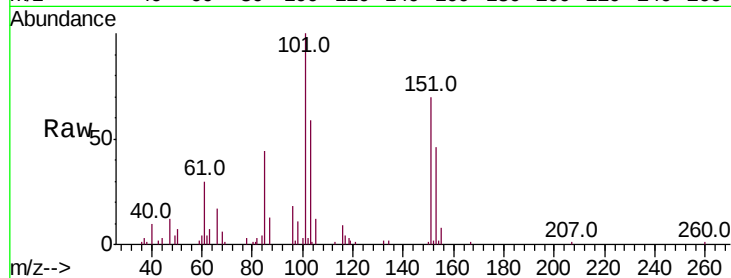
Tot Ion:101 Resp: 92412

Ion Ratio Lower Upper

101 100

85 44.9 35.4 53.2

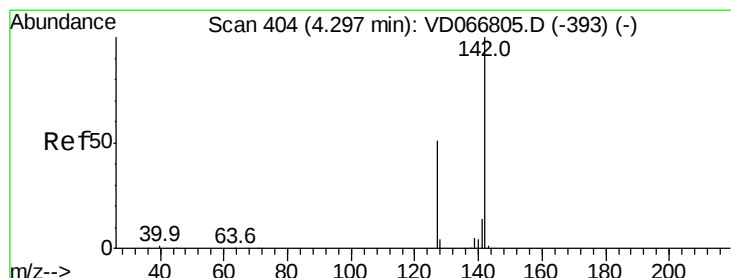
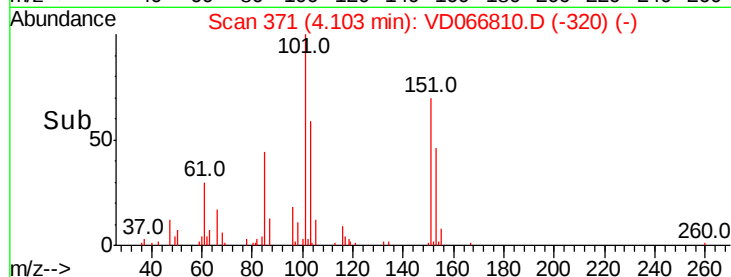
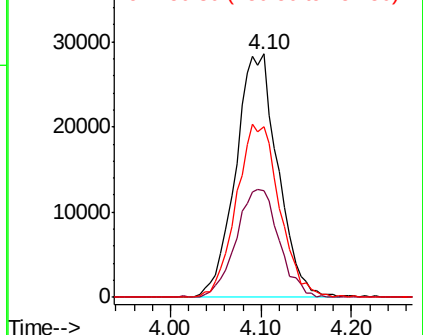
151 72.8 61.4 92.0



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: 17.927 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

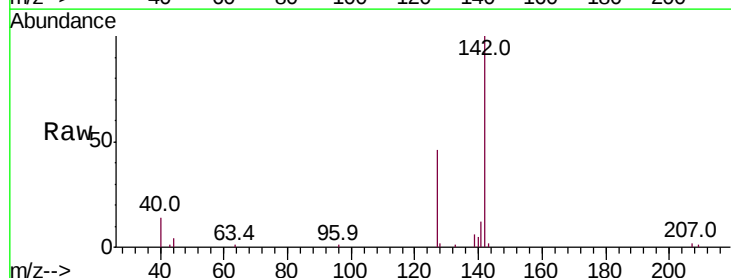
Tgt Ion:142 Resp: 74017

Ion Ratio Lower Upper

142 100

127 46.2 39.4 59.0

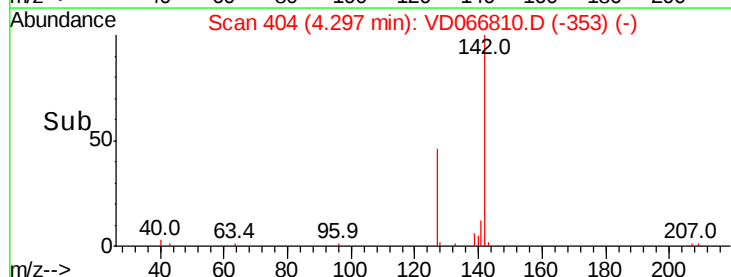
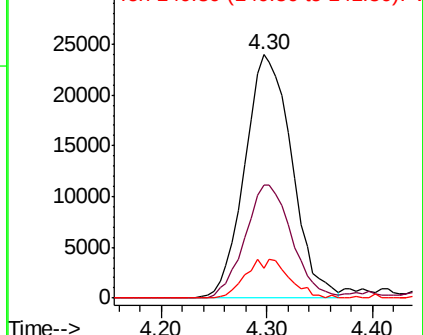
141 14.9 12.1 18.1

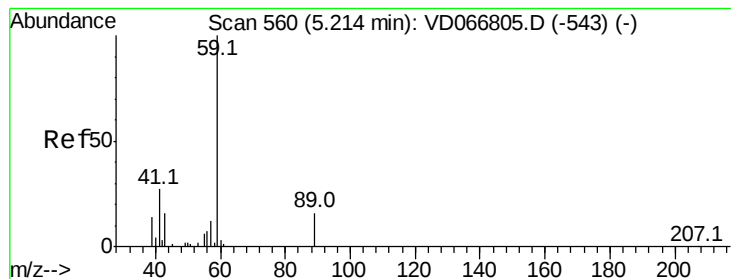


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.501 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

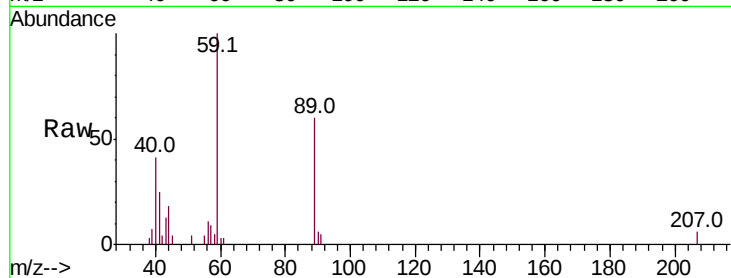
VD0922SBS01

Tot Ion: 59 Resp: 32832

Ion Ratio Lower Upper

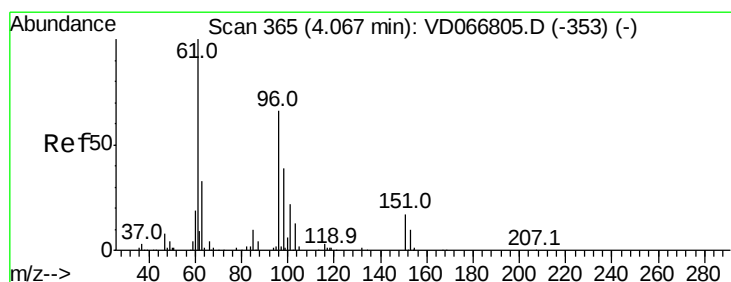
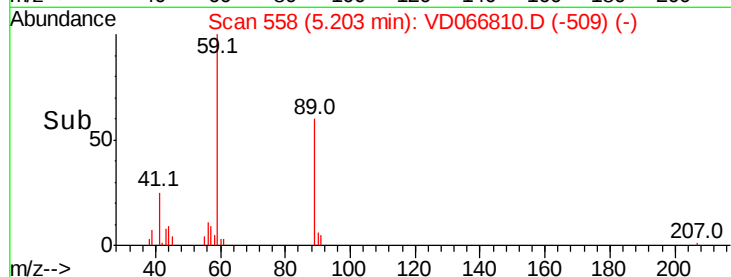
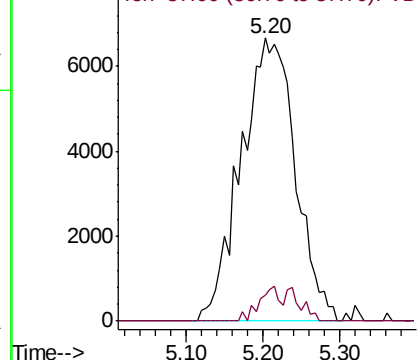
59 100

57 4.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.053 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

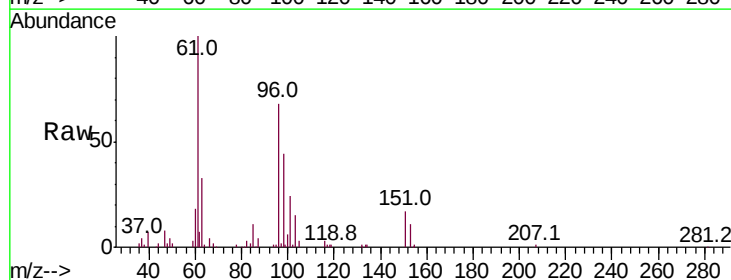
Tgt Ion: 96 Resp: 84997

Ion Ratio Lower Upper

96 100

61 146.9 120.8 181.2

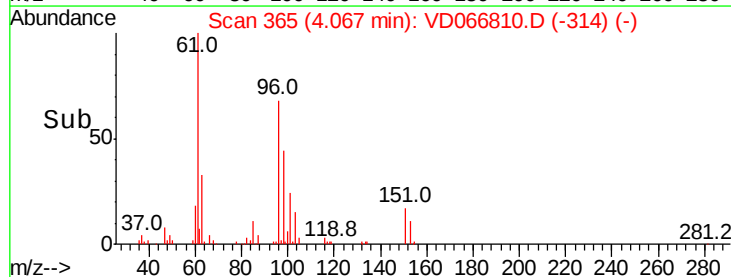
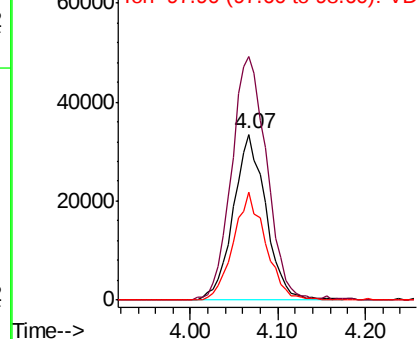
98 64.8 47.7 71.5

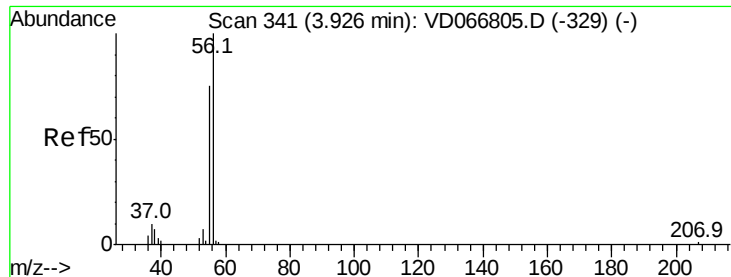


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 98.254 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

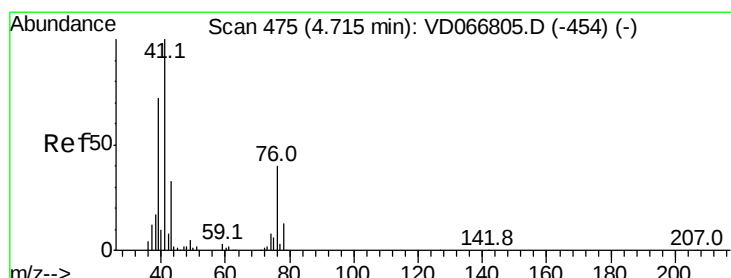
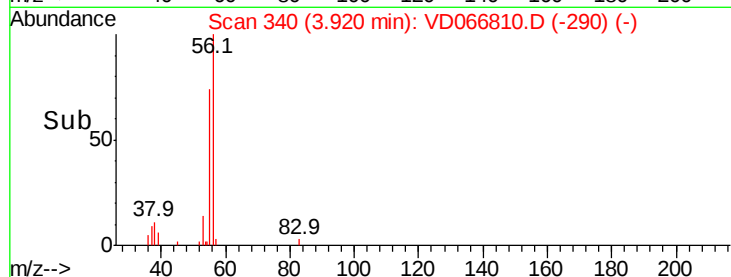
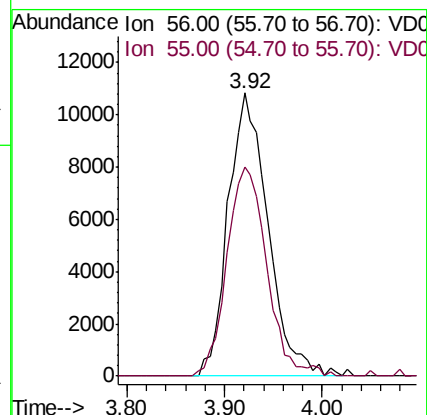
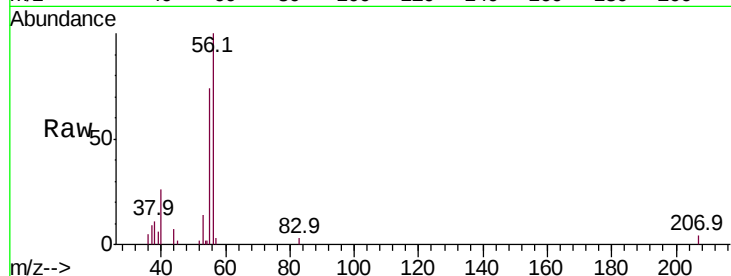
VD0922SBS01

Tot Ion: 56 Resp: 30707

Ion Ratio Lower Upper

56 100

55 73.9 60.3 90.5



#14

Allyl chloride

Concen: 20.003 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

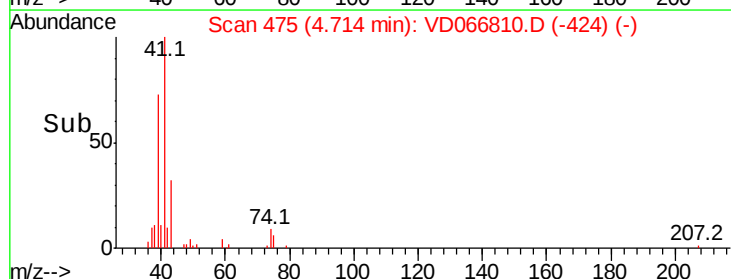
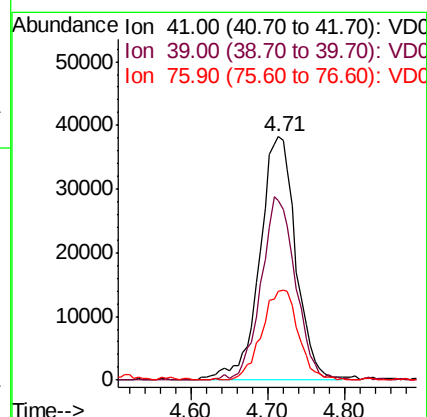
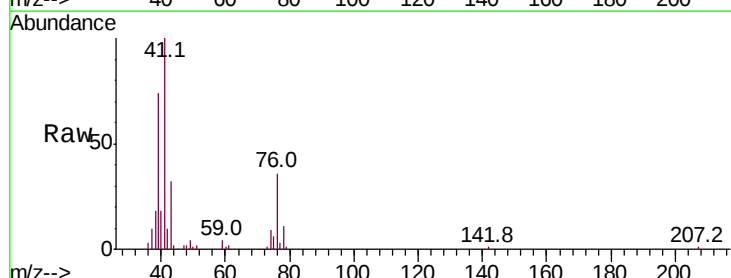
Tgt Ion: 41 Resp: 124494

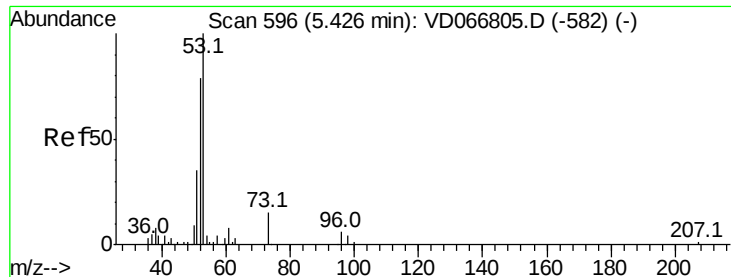
Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.8

76 37.2 30.9 46.3





#15

Acrylonitrile

Concen: 93.845 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

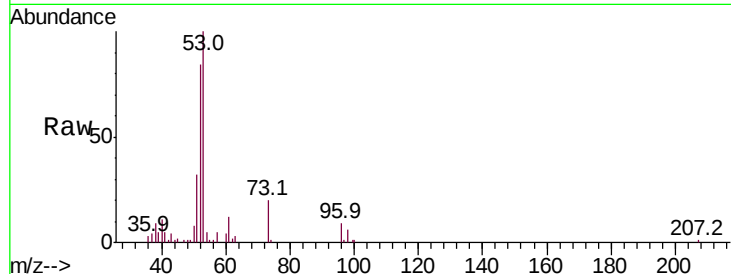
Tot Ion: 53 Resp: 85194

Ion Ratio Lower Upper

53 100

52 82.2 65.2 97.8

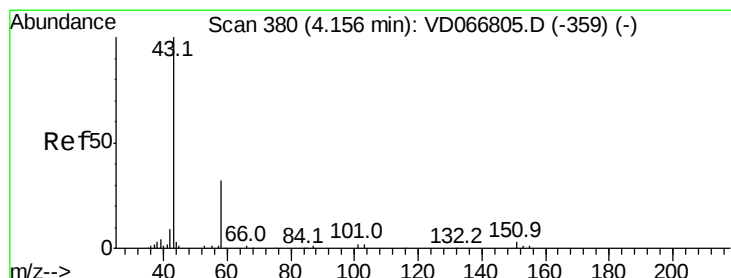
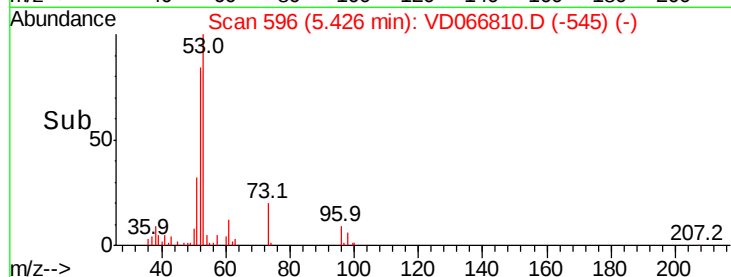
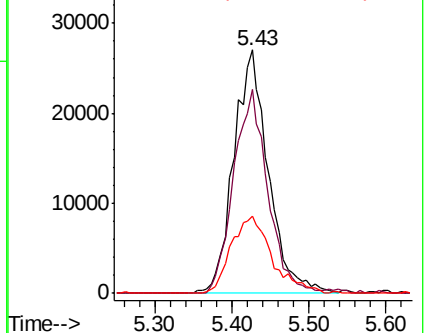
51 37.2 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 94.815 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066810.D

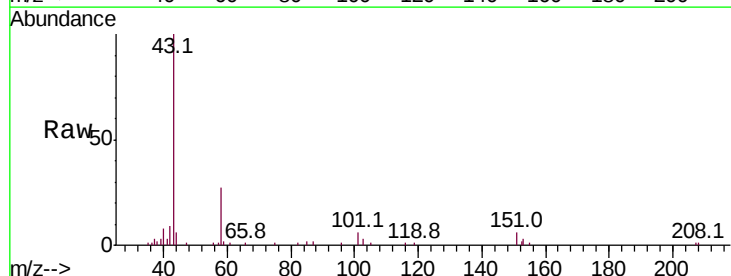
Acq: 22 Sep 2020 14:56

Tgt Ion: 43 Resp: 85211

Ion Ratio Lower Upper

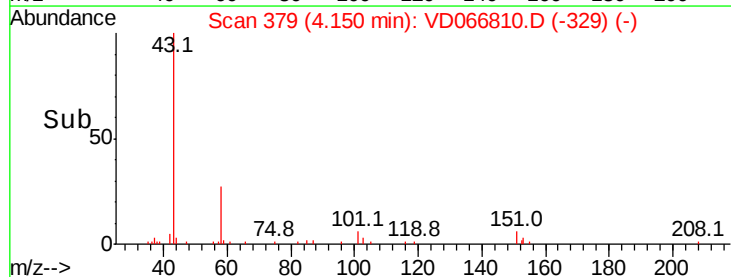
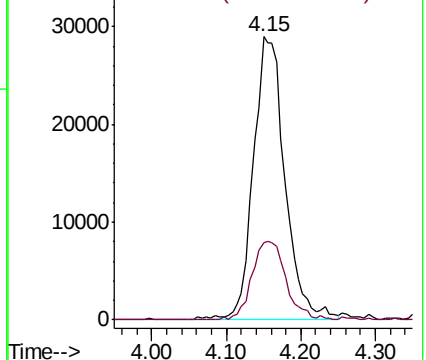
43 100

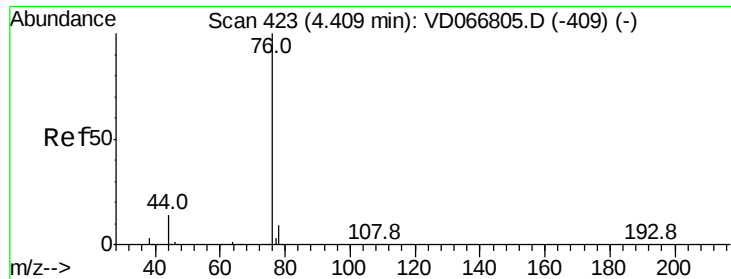
58 27.2 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

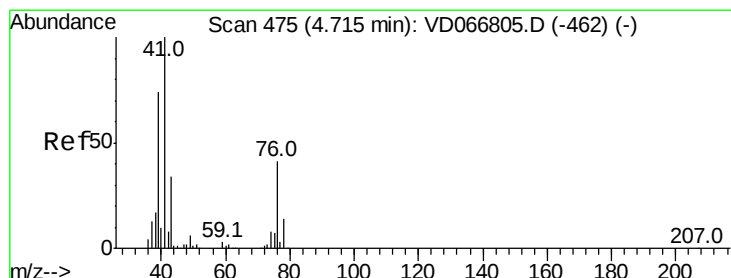
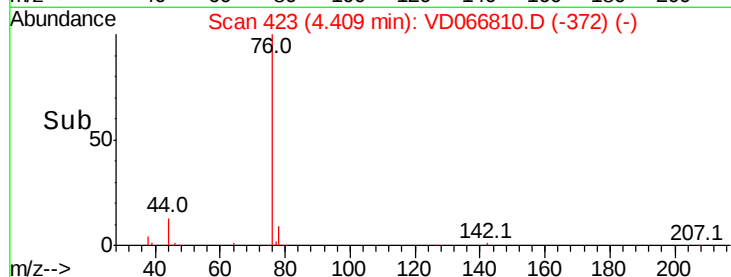
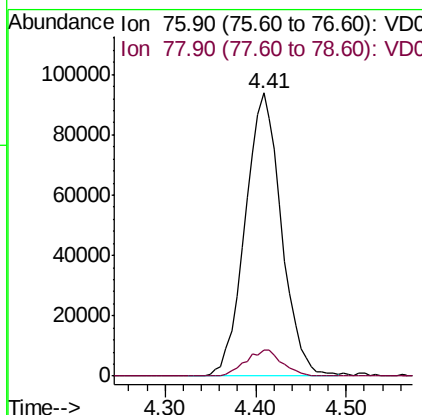
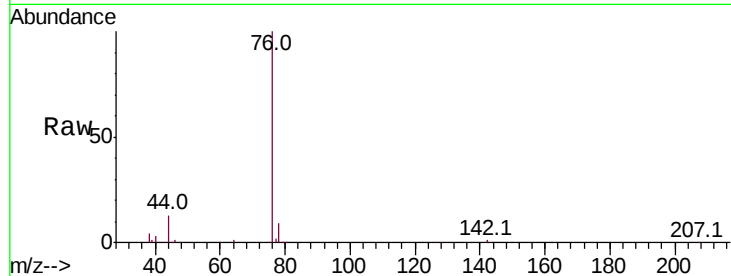




#17
Carbon Disulfide
Concen: 20.066 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

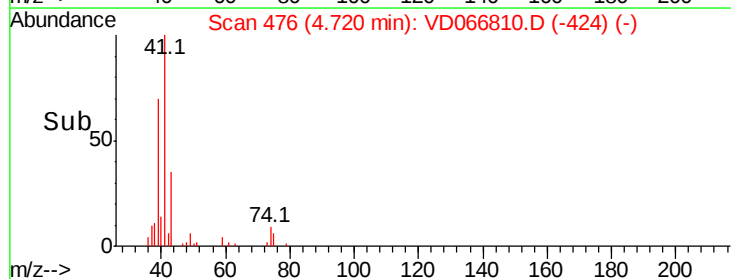
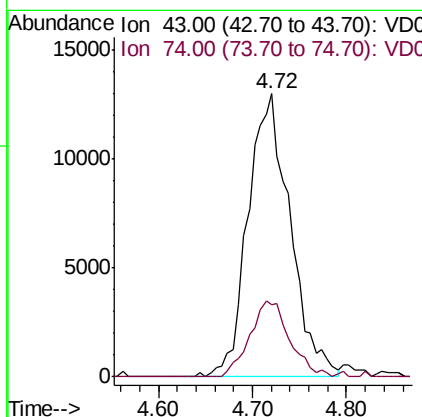
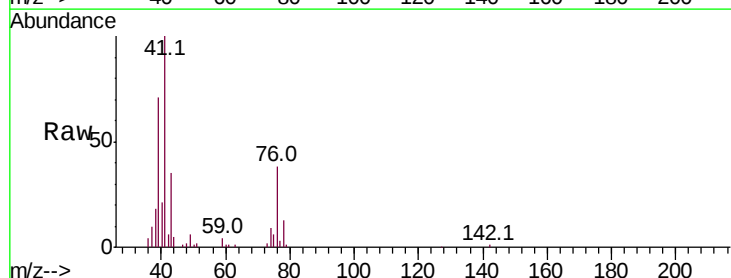
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

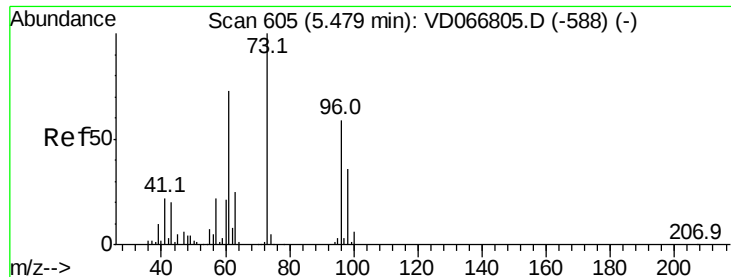
Tot Ion: 76 Resp: 260026
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 17.787 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 43 Resp: 40355
Ion Ratio Lower Upper
43 100
74 25.3 20.3 30.5



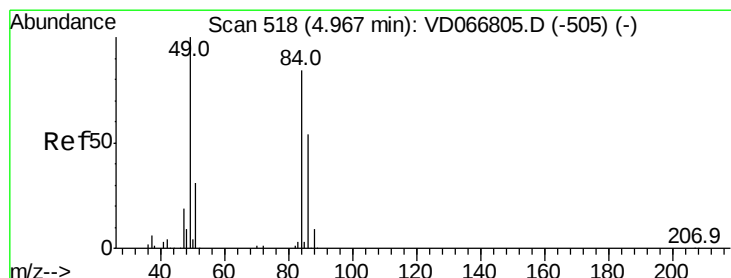
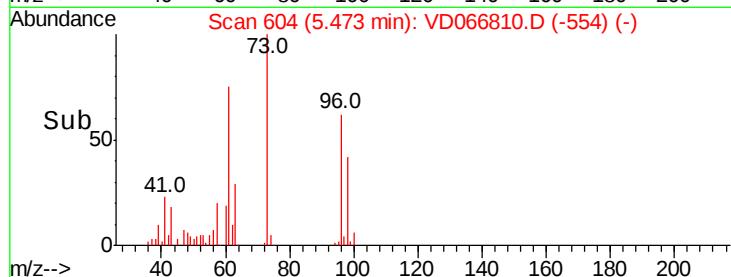
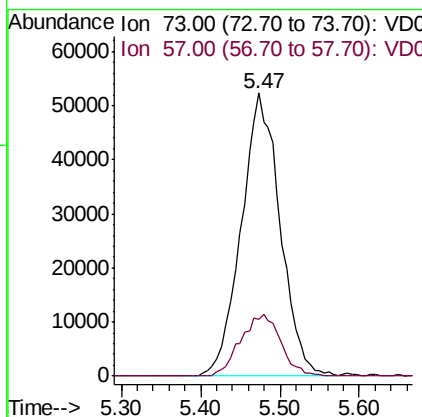
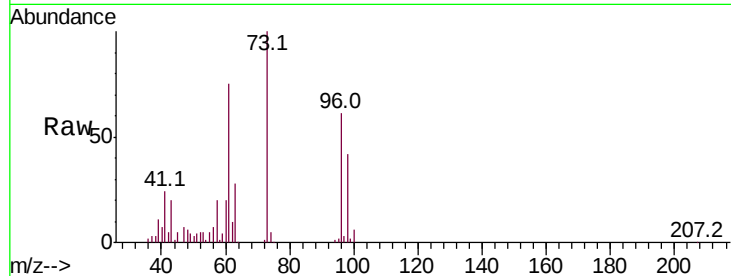


#19

Methyl tert-butyl Ether
 Concen: 19.373 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

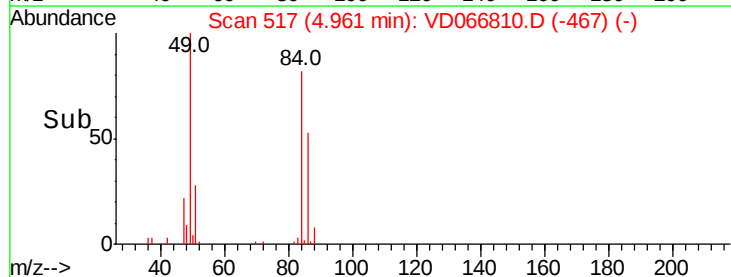
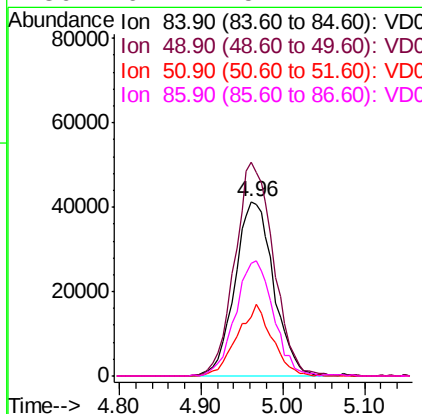
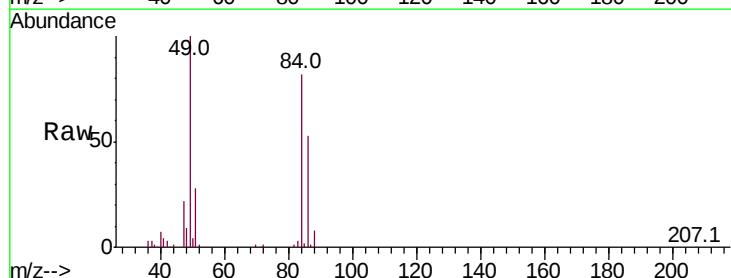
Tot Ion: 73 Resp: 178321
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.4 26.2

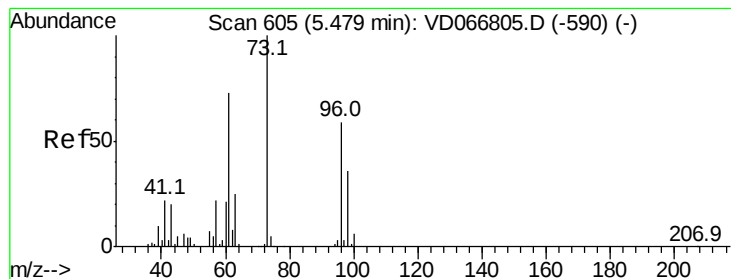


#20

Methylene Chloride
 Concen: 25.218 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion: 84 Resp: 136309
 Ion Ratio Lower Upper
 84 100
 49 122.7 95.4 143.2
 51 33.7 29.7 44.5
 86 64.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.316 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

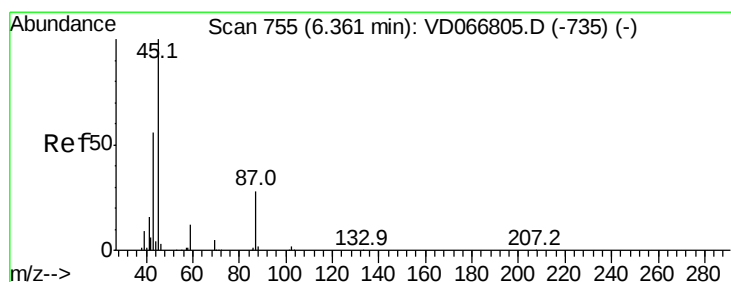
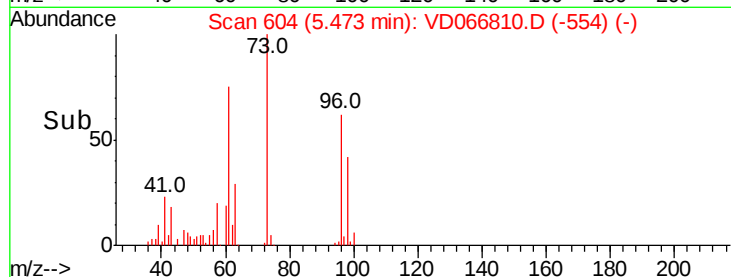
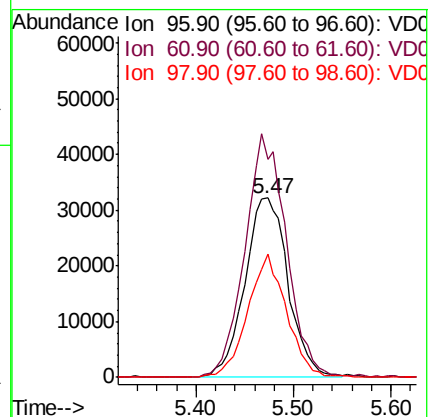
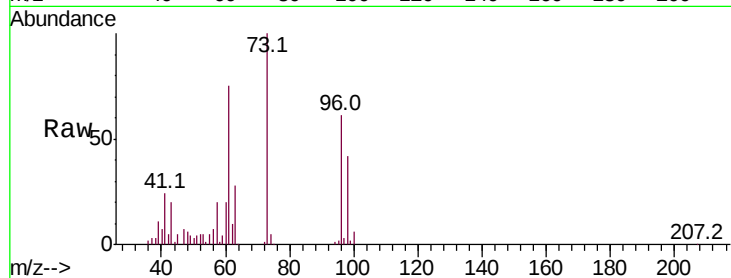
Tot Ion: 96 Resp: 99704

Ion Ratio Lower Upper

96 100

61 121.7 98.9 148.3

98 68.5 48.4 72.6



#22

Diisopropyl ether

Concen: 20.194 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Tgt Ion: 45 Resp: 258427

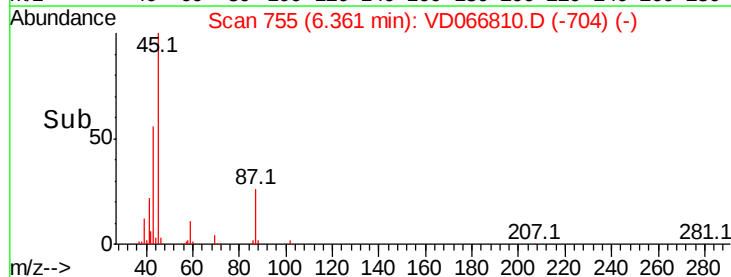
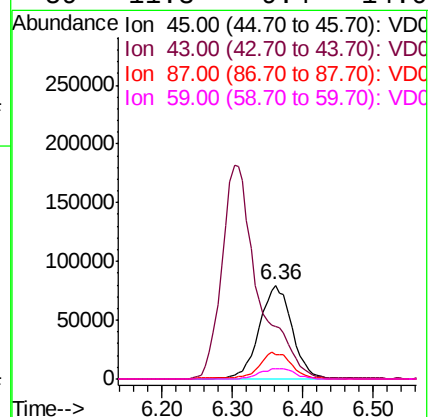
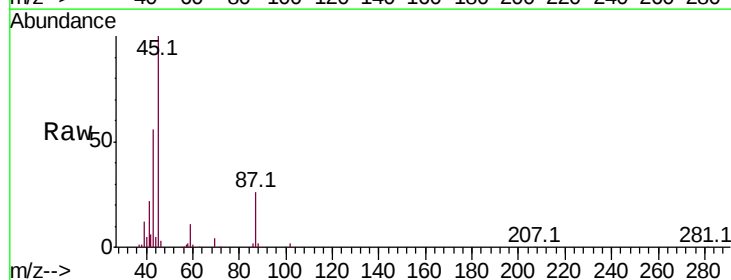
Ion Ratio Lower Upper

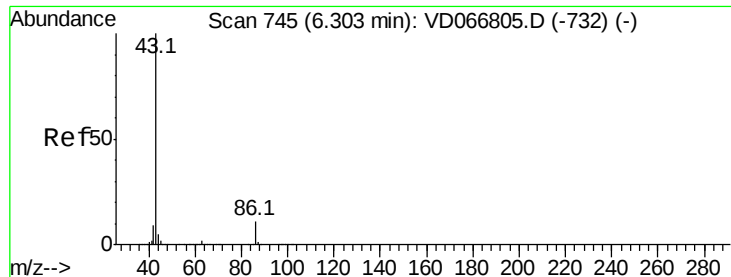
45 100

43 55.1 44.5 66.7

87 25.8 22.9 34.3

59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 95.687 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

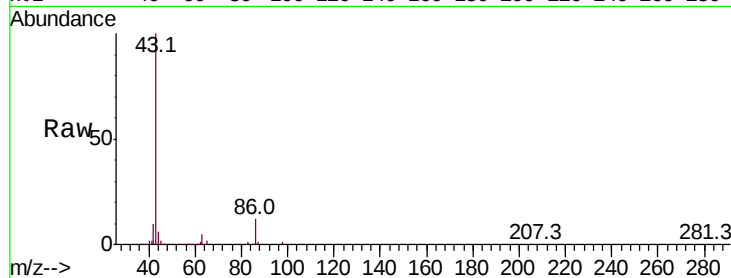
VD0922SBS01

Tot Ion: 43 Resp: 653235

Ion Ratio Lower Upper

43 100

86 12.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

200000

150000

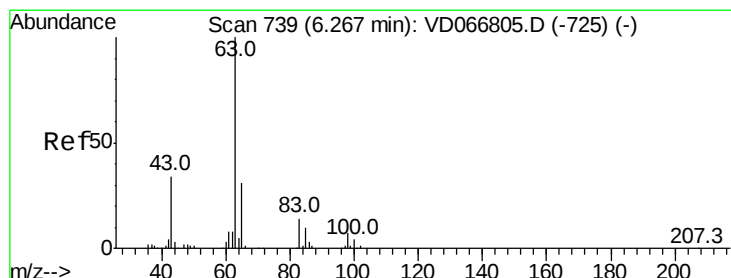
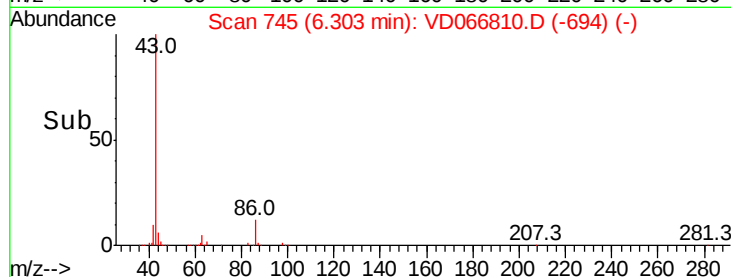
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.576 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

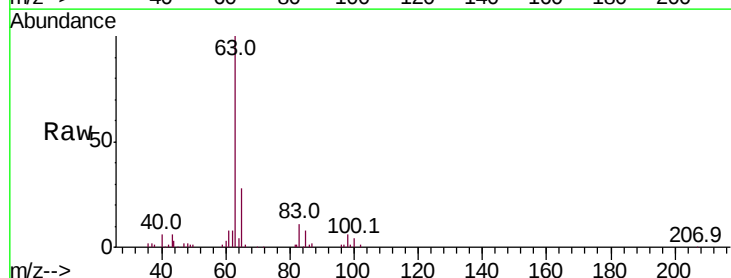
Tgt Ion: 63 Resp: 167589

Ion Ratio Lower Upper

63 100

98 6.1 3.7 11.1

100 3.8 1.8 5.5



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

6.26

60000

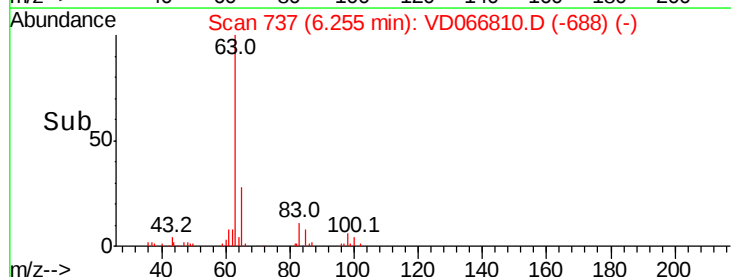
40000

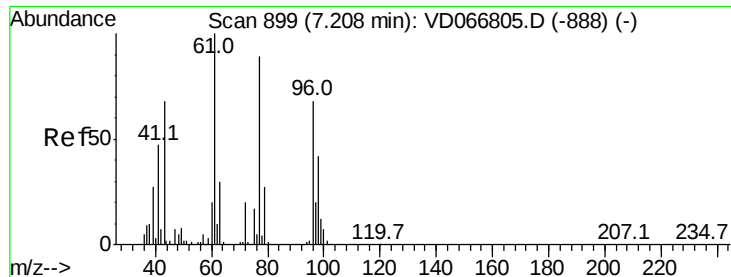
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 97.997 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

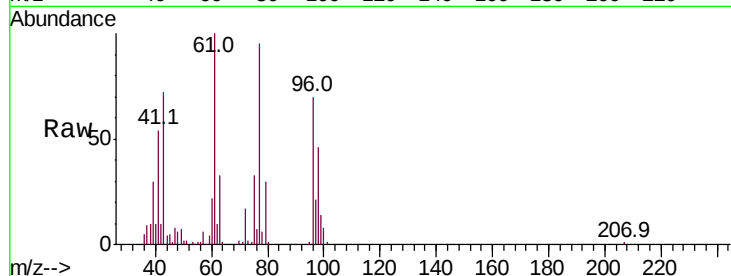
VD0922SBS01

Tot Ion: 43 Resp: 105837

Ion Ratio Lower Upper

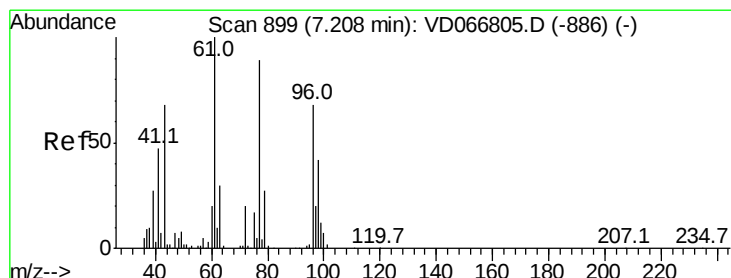
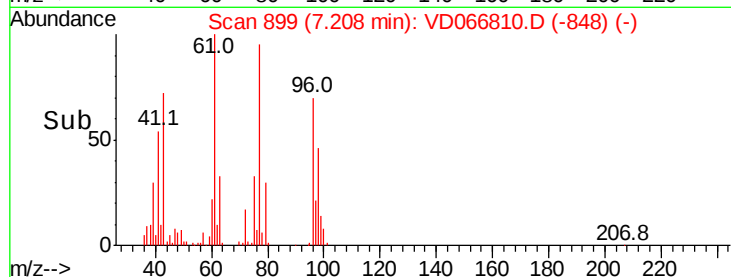
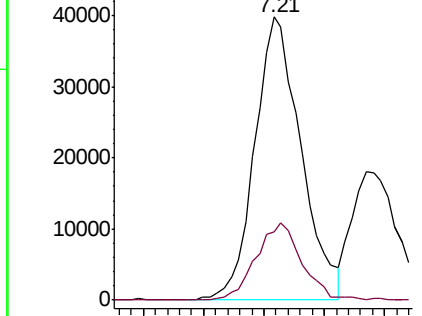
43 100

72 24.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.433 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066810.D

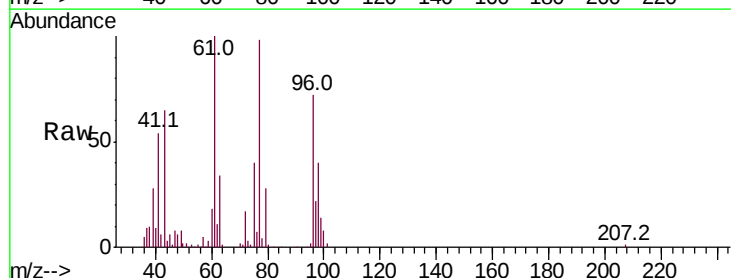
Acq: 22 Sep 2020 14:56

Tgt Ion: 77 Resp: 152481

Ion Ratio Lower Upper

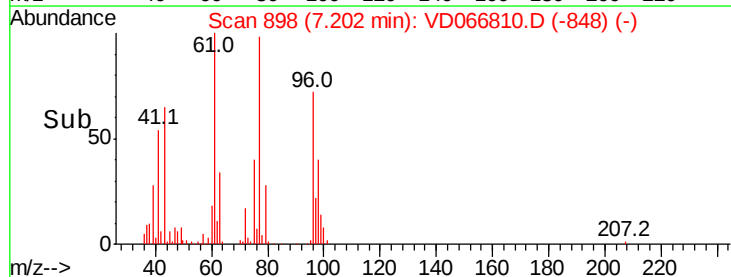
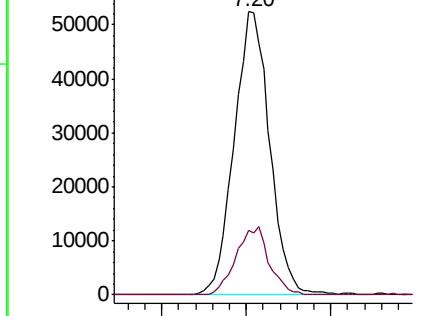
77 100

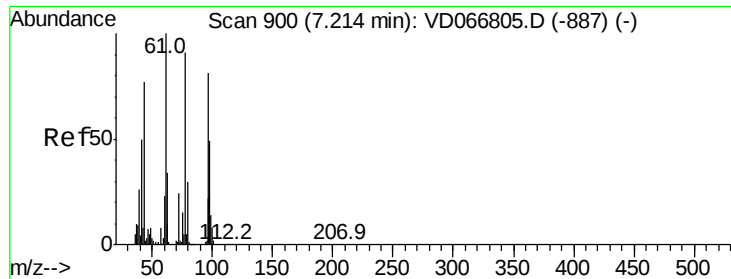
97 22.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 19.779 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

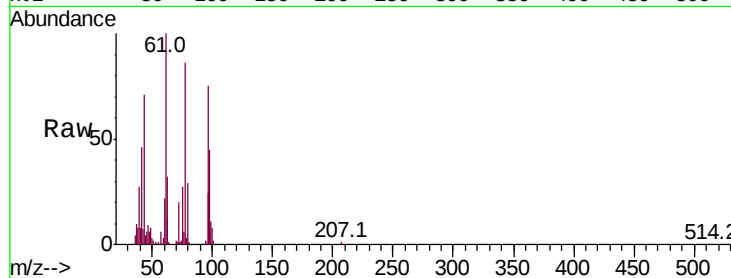
Tot Ion: 96 Resp: 105467

Ion Ratio Lower Upper

96 100

61 143.8 0.0 283.8

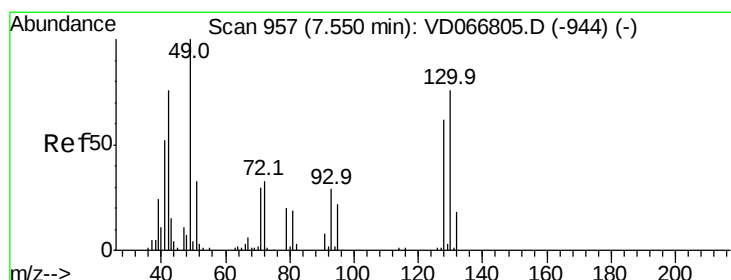
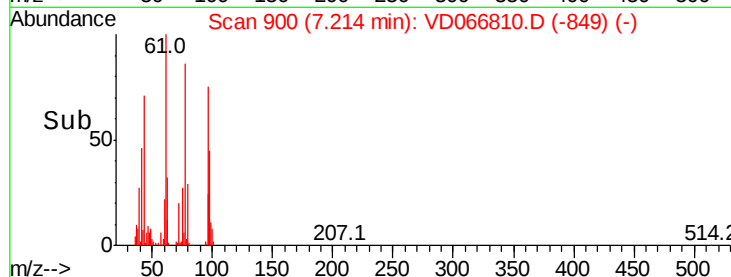
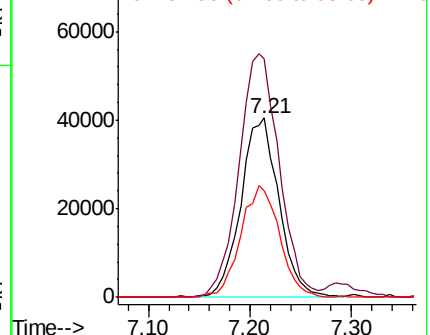
98 63.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.252 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

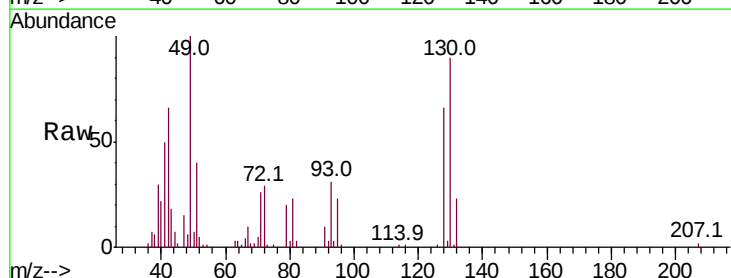
Tgt Ion: 49 Resp: 68090

Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.0#

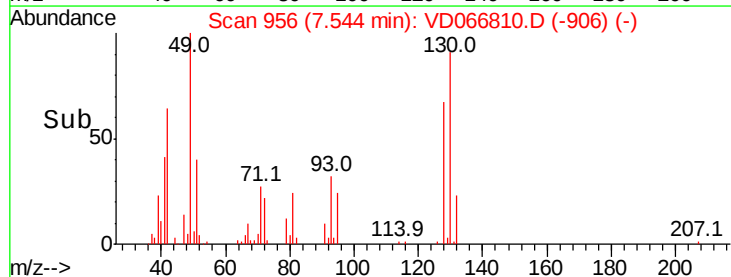
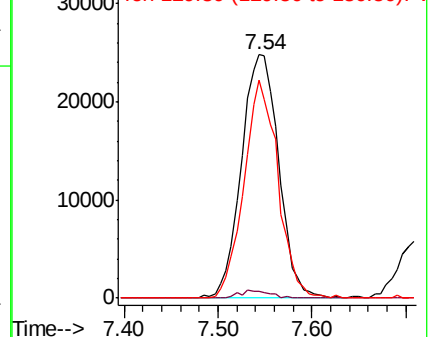
130 82.0 65.9 98.9

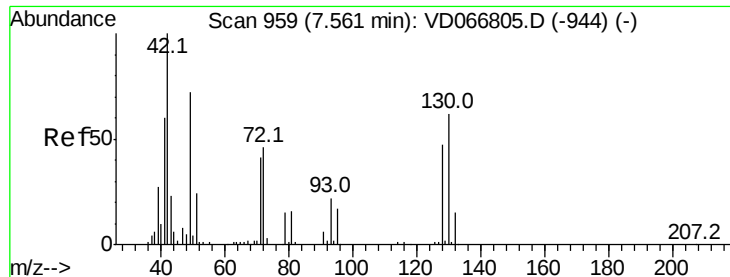


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

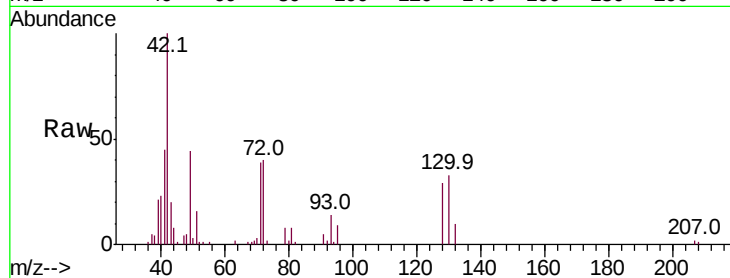




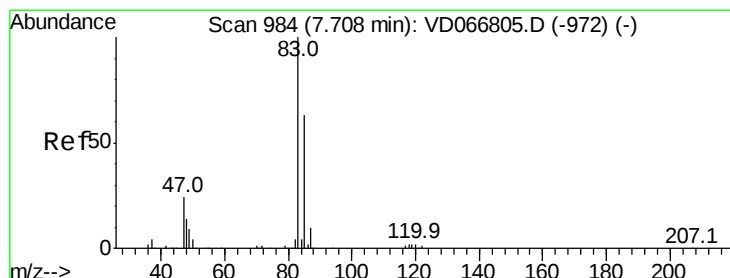
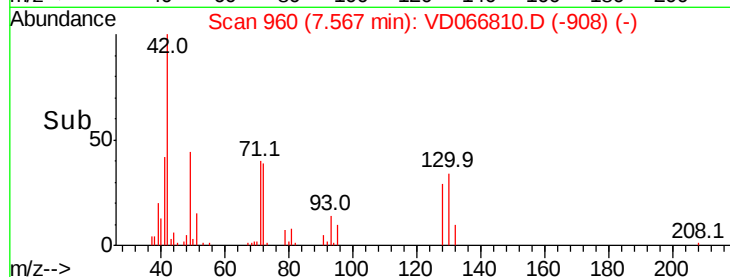
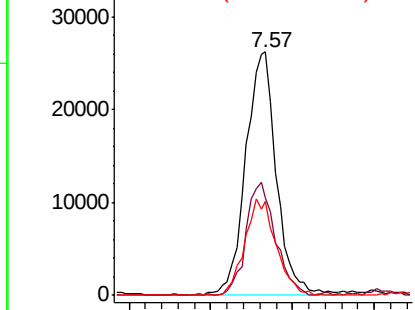
#29
Tetrahydrofuran
Concen: 99.641 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Tot Ion: 42 Resp: 68953
Ion Ratio Lower Upper
42 100
72 44.1 36.2 54.4
71 40.1 32.4 48.6

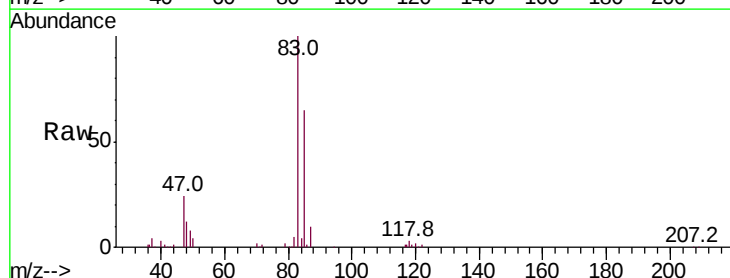


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

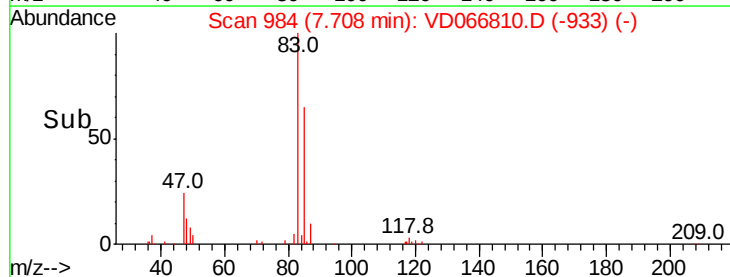
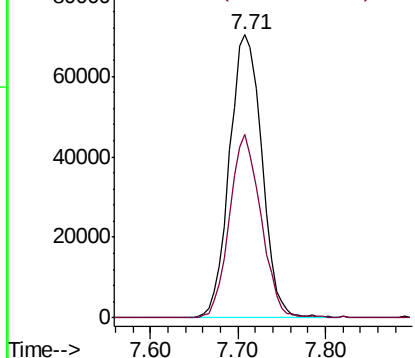


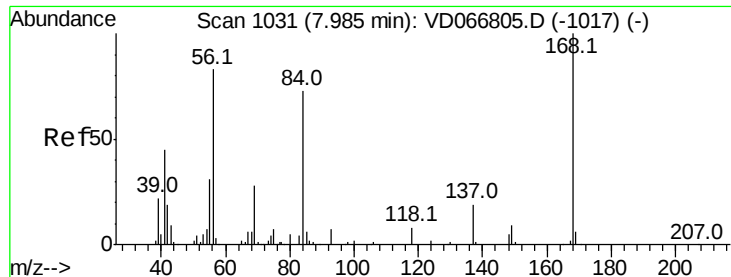
#30
Chloroform
Concen: 19.208 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 83 Resp: 177252
Ion Ratio Lower Upper
83 100
85 65.0 50.6 75.8



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

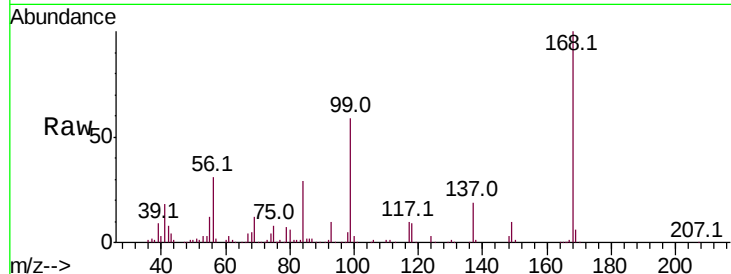




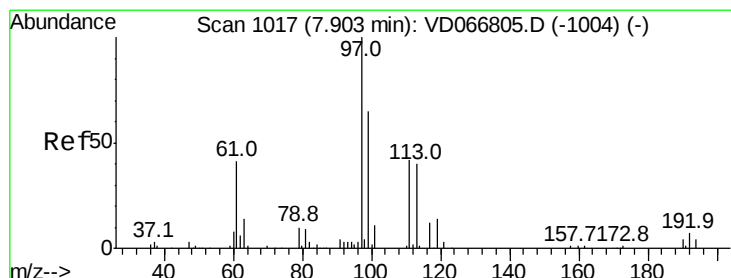
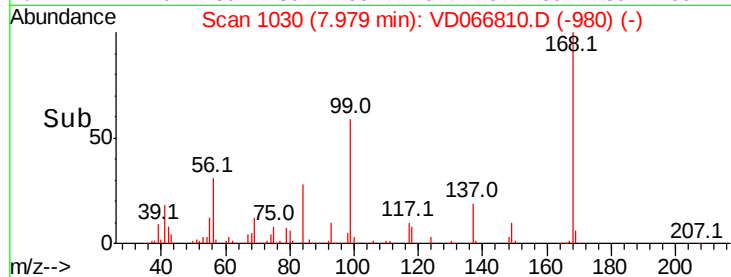
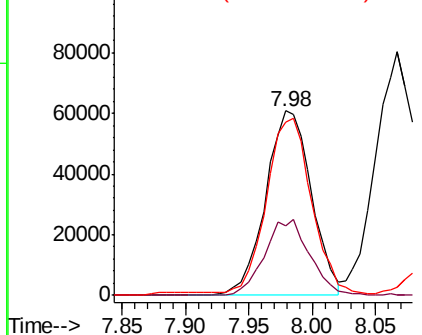
#31
Cyclohexane
Concen: 19.758 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Tot Ion: 56 Resp: 152198
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.4
84 92.4 70.2 105.4

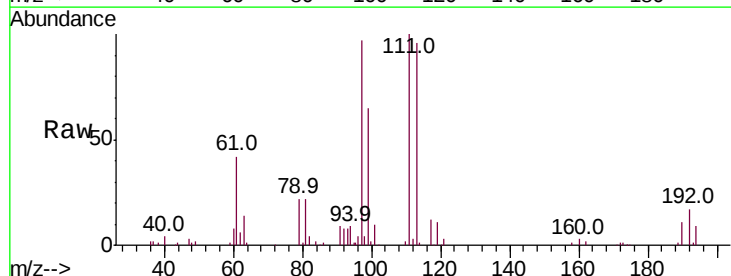


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

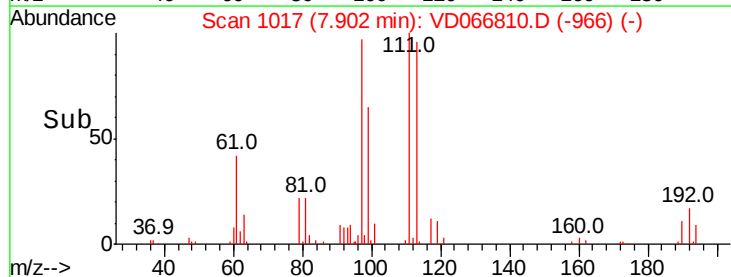
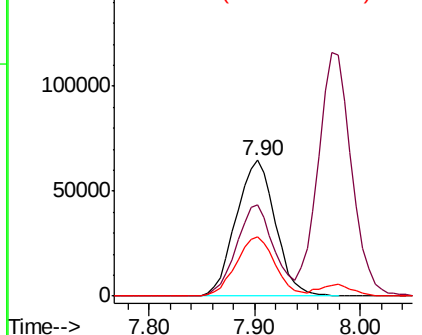


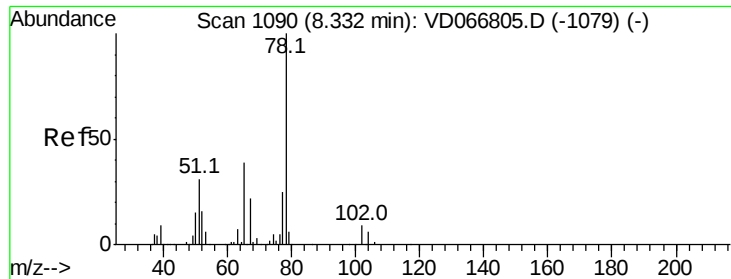
#32
1,1,1-Trichloroethane
Concen: 20.010 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 97 Resp: 167045
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 43.3 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 47.155 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

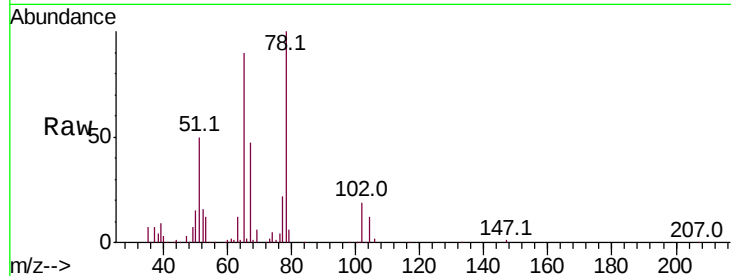
VD0922SBS01

Tot Ion: 65 Resp: 199771

Ion Ratio Lower Upper

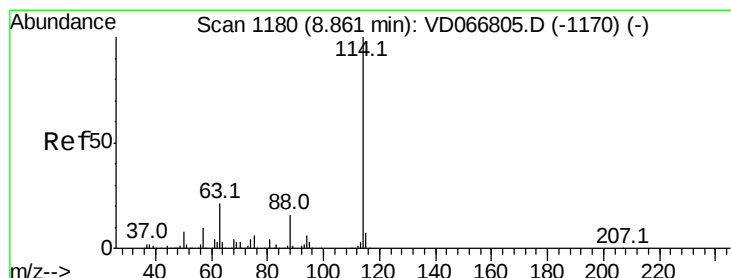
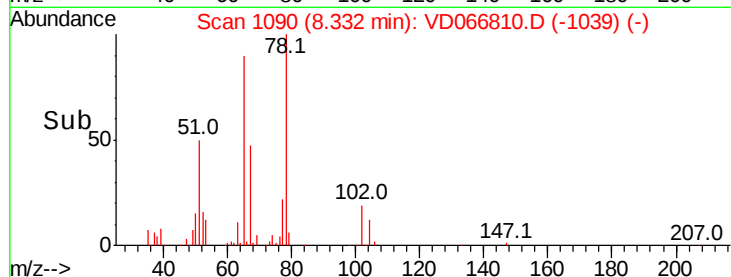
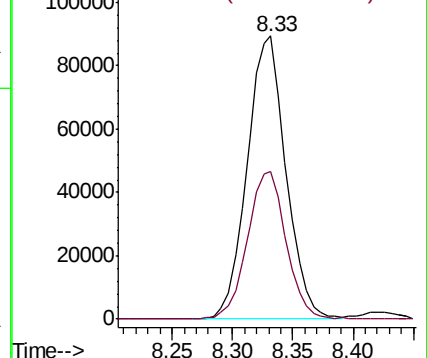
65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

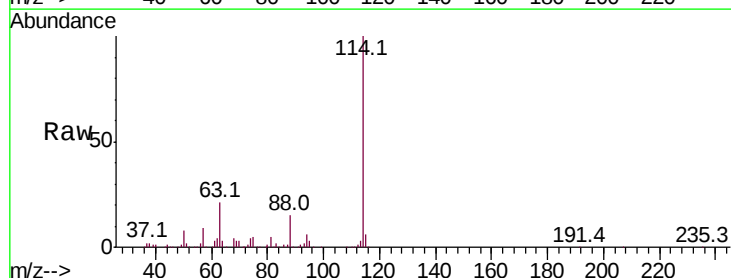
Tgt Ion: 114 Resp: 681548

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

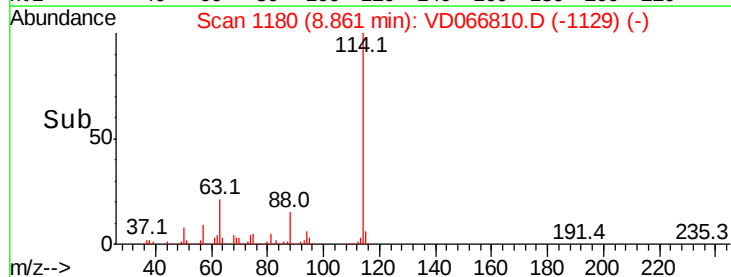
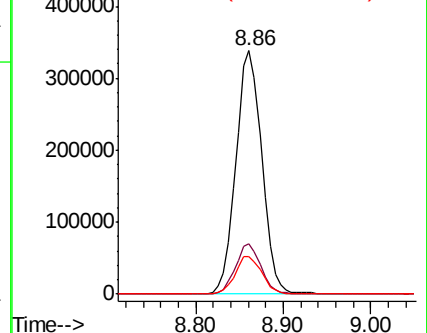
88 15.2 0.0 32.6

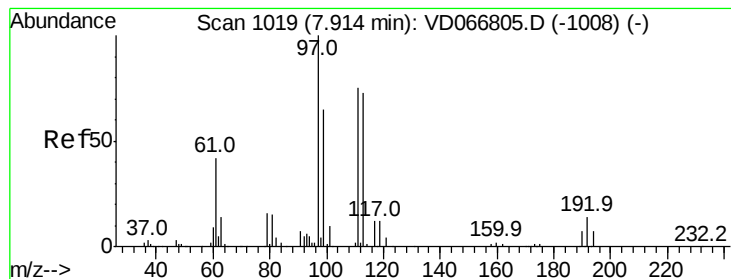


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 46.488 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

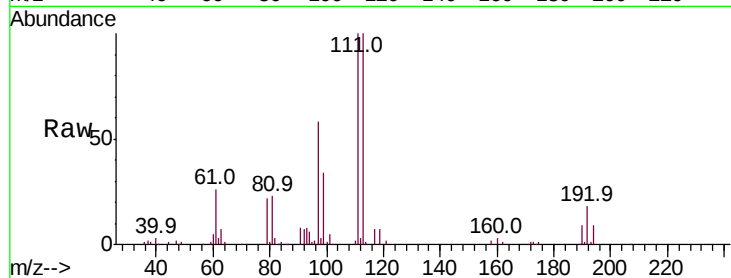
Tot Ion:113 Resp: 201571

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

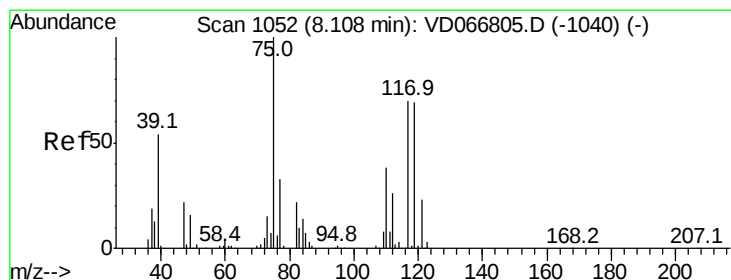
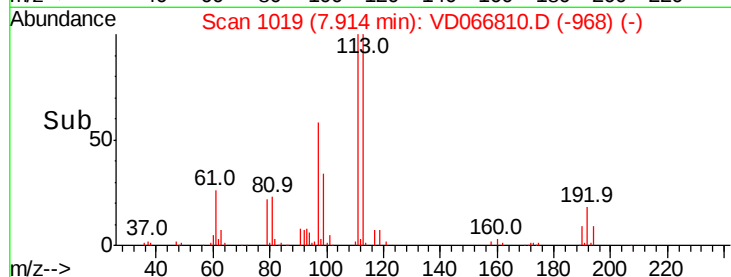
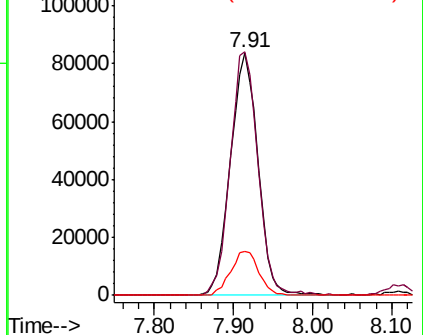
192 18.6 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.477 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

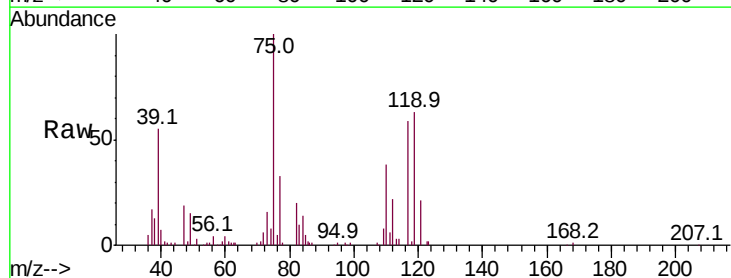
Tgt Ion: 75 Resp: 138456

Ion Ratio Lower Upper

75 100

110 36.3 17.9 53.8

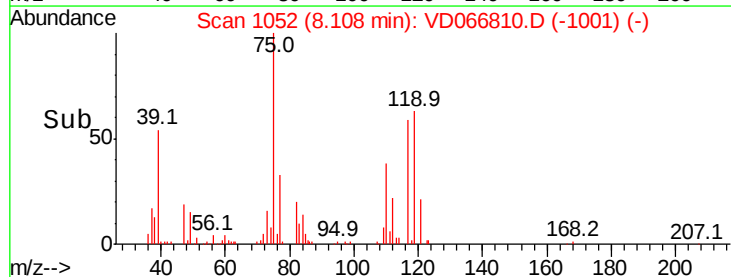
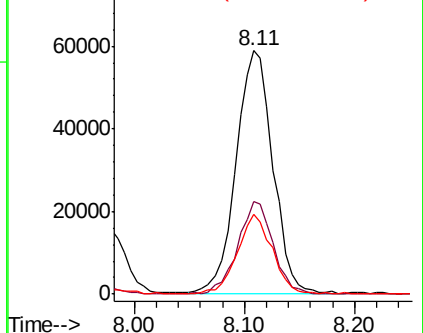
77 31.0 25.0 37.6

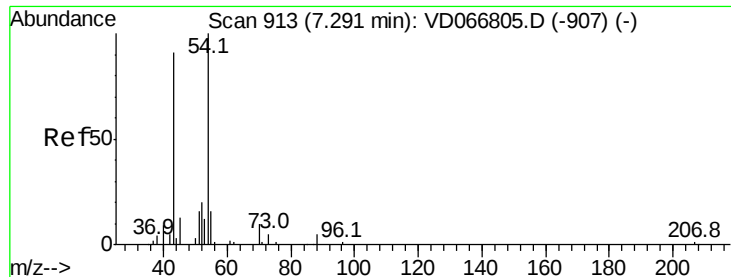


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

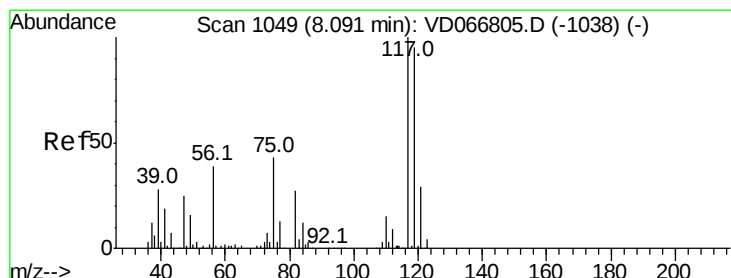
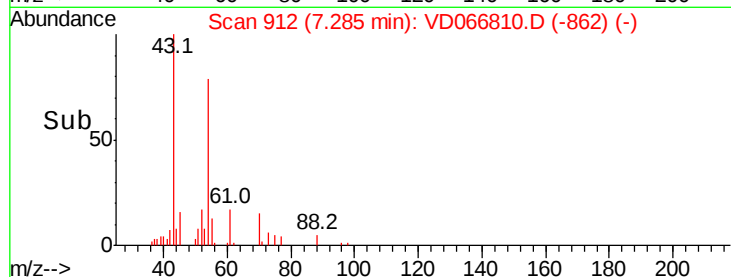
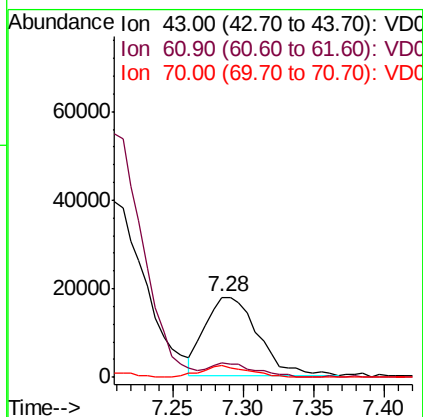
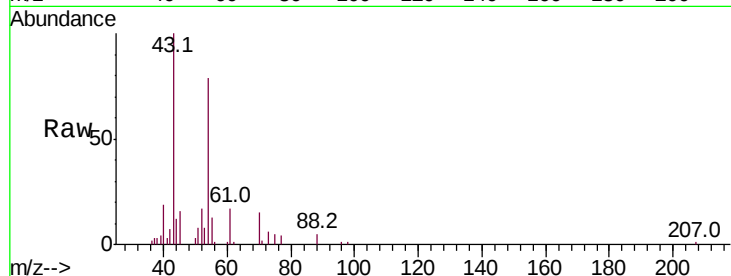




#37
Ethyl Acetate
Concen: 18.910 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

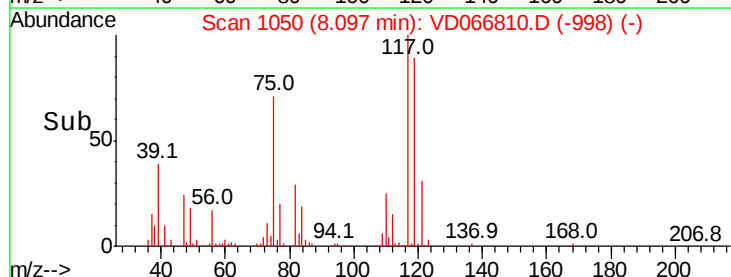
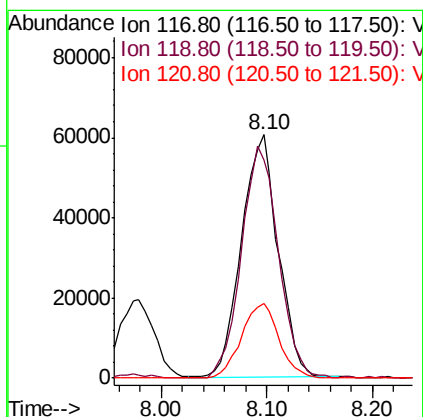
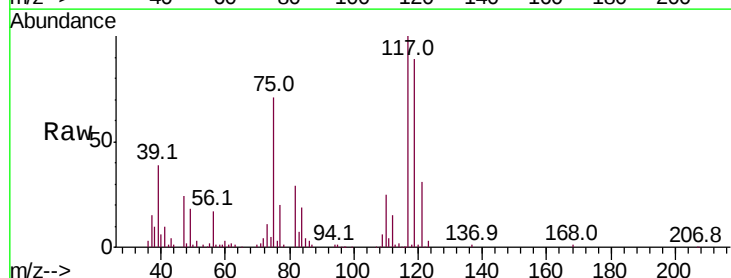
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

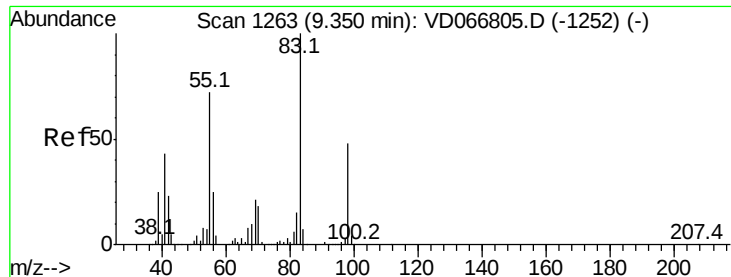
Tot Ion: 43 Resp: 46222
Ion Ratio Lower Upper
43 100
61 16.2 9.8 14.8#
70 13.5 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 19.770 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 117 Resp: 146142
Ion Ratio Lower Upper
117 100
119 89.8 75.8 113.8
121 30.7 23.4 35.0

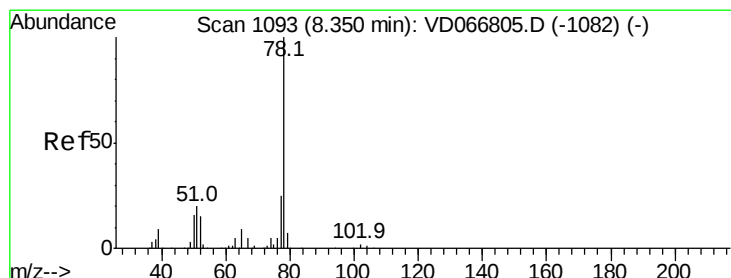
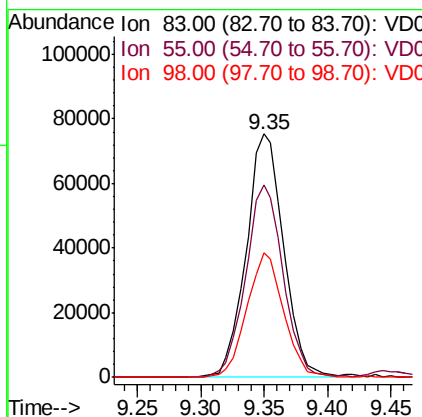
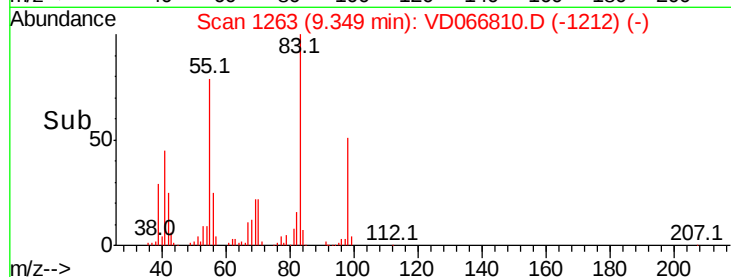
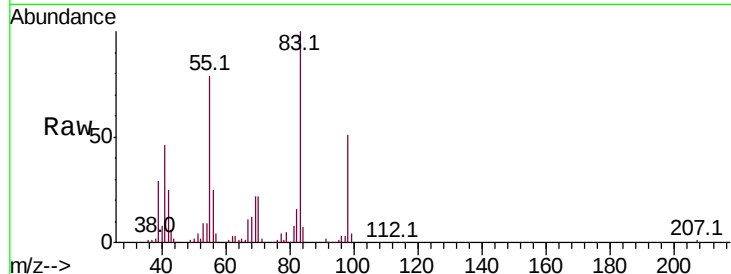




#39
Methvlcvclohexane
Concen: 19.929 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

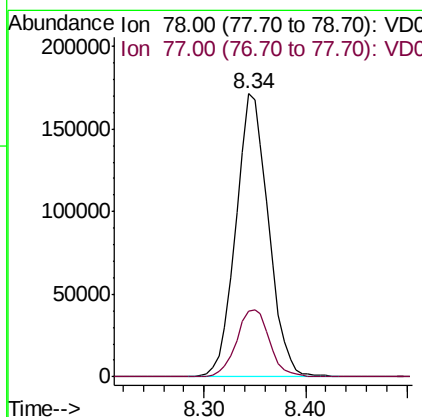
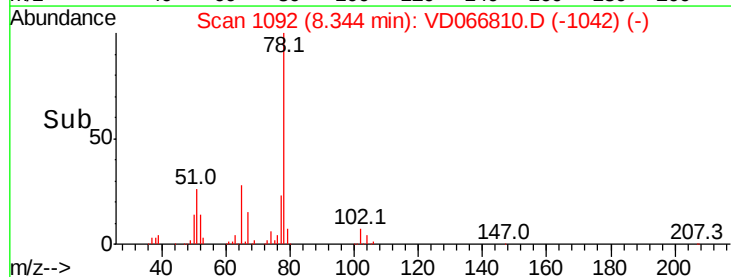
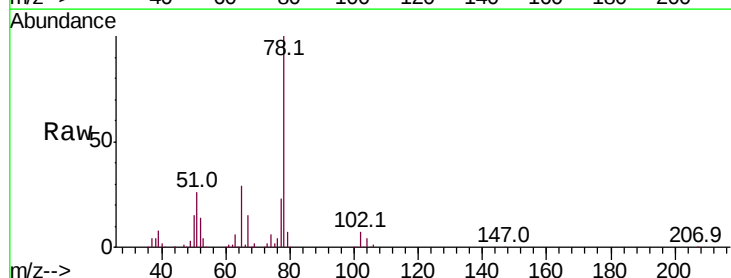
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

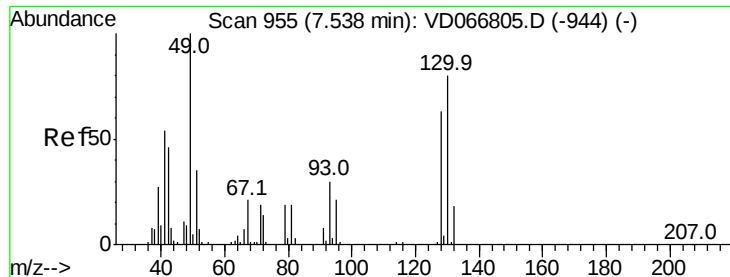
Tot Ion: 83 Resp: 154712
Ion Ratio Lower Upper
83 100
55 78.8 57.7 86.5
98 51.3 38.4 57.6



#40
Benzene
Concen: 20.203 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 78 Resp: 380715
Ion Ratio Lower Upper
78 100
77 23.2 19.9 29.9





#41

Methacrylonitrile

Concen: 18.149 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

Tot Ion: 41 Resp: 27282

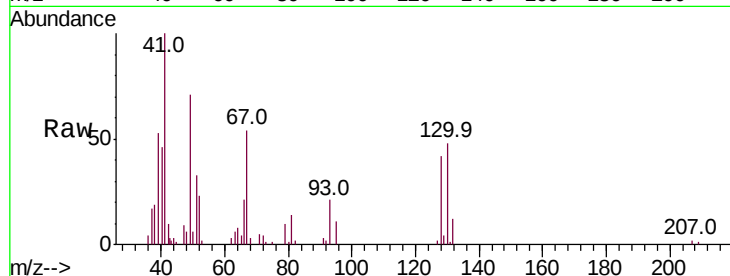
Ion Ratio Lower Upper

41 100

39 65.5 0.0 0.0#

67 75.4 0.0 0.0#

52 31.2 0.0 0.0#

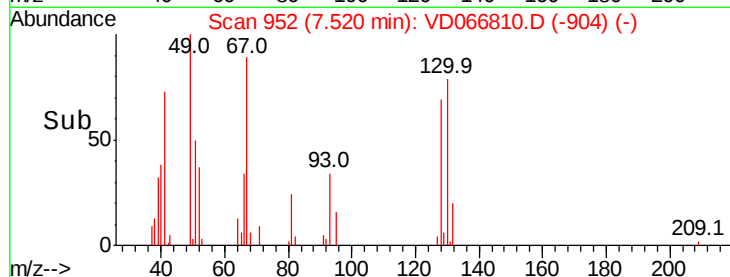
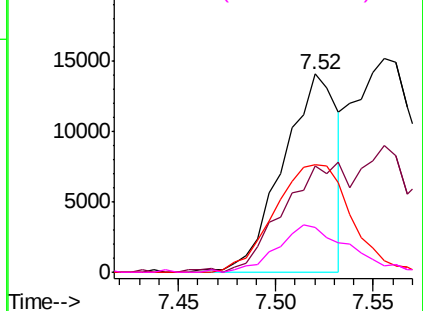


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.942 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066810.D

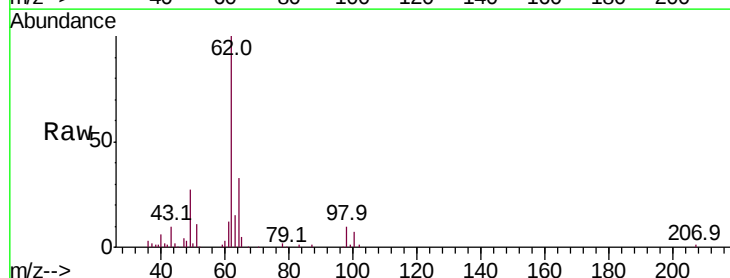
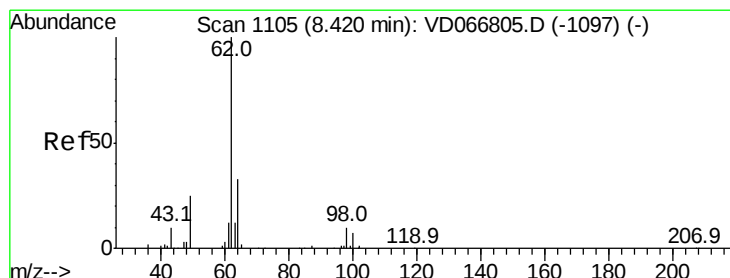
Acq: 22 Sep 2020 14:56

Tgt Ion: 62 Resp: 111095

Ion Ratio Lower Upper

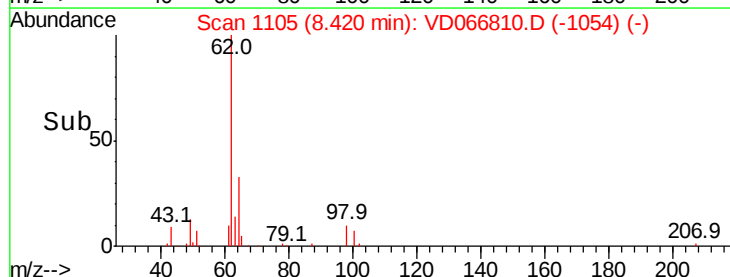
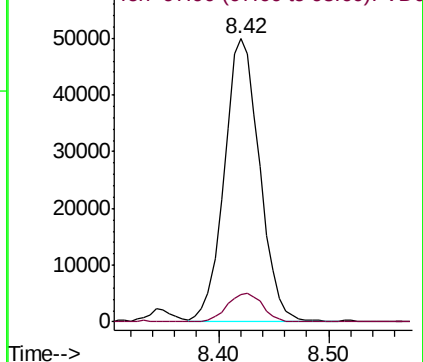
62 100

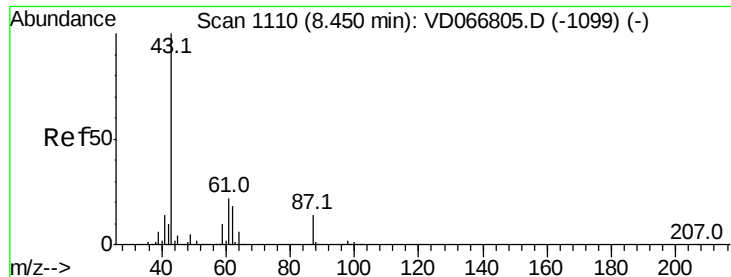
98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.470 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

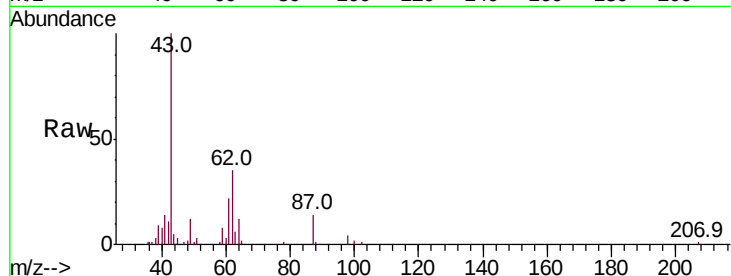
Tot Ion: 43 Resp: 91755

Ion Ratio Lower Upper

43 100

61 33.9 26.2 39.4

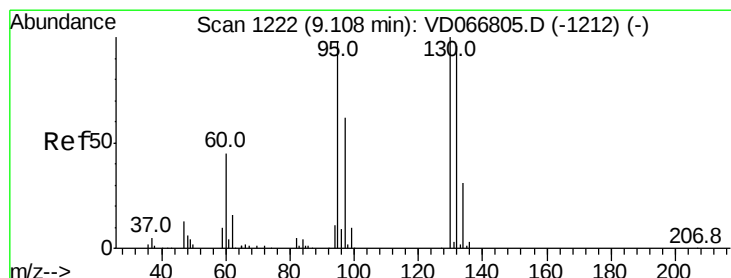
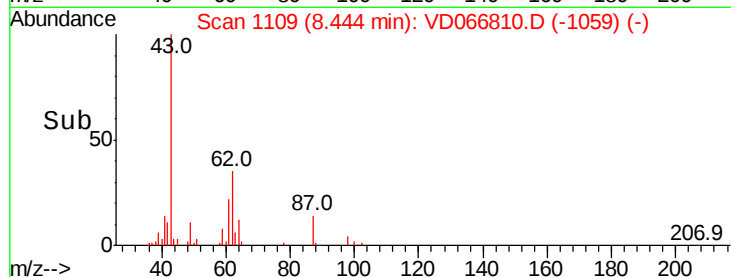
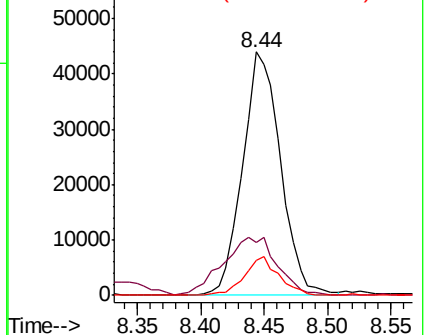
87 14.3 11.5 17.3



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: 19.523 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066810.D

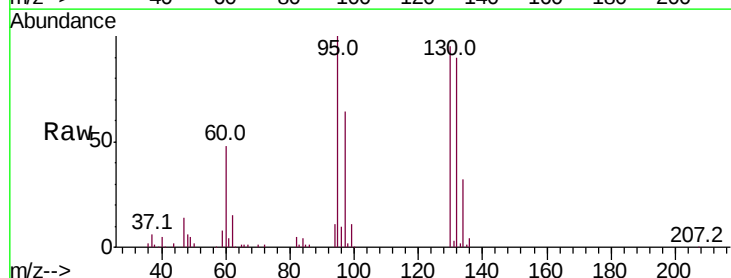
Acq: 22 Sep 2020 14:56

Tgt Ion: 130 Resp: 104860

Ion Ratio Lower Upper

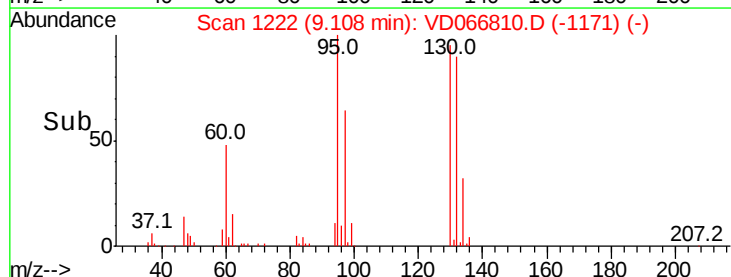
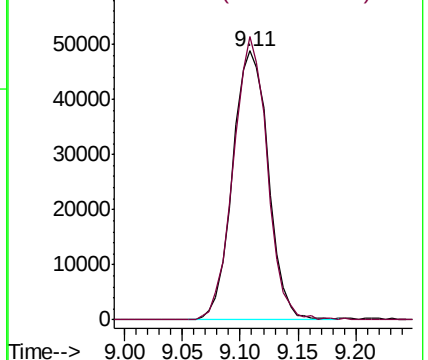
130 100

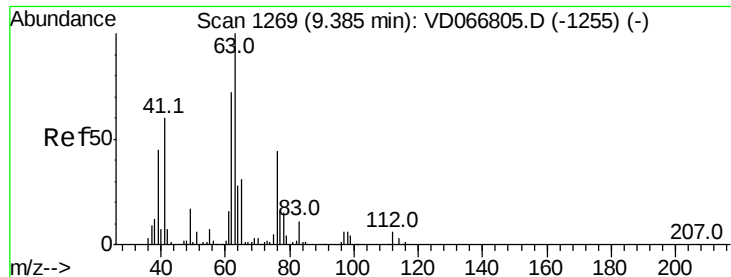
95 105.2 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

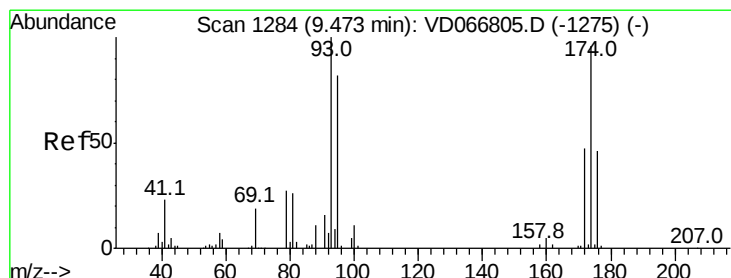
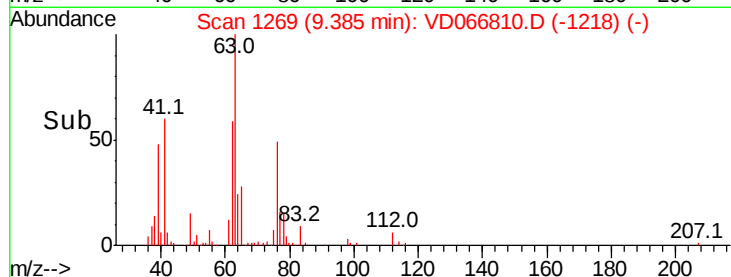
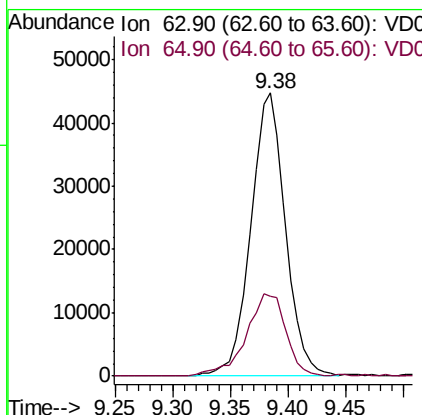
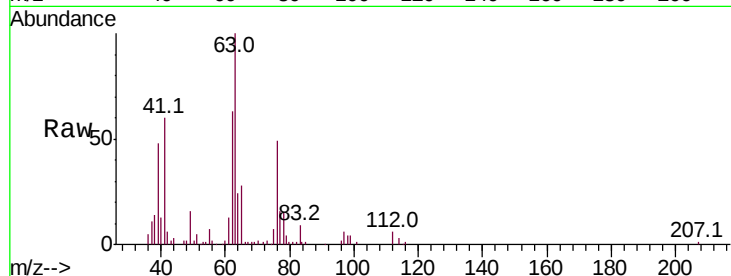




#45
 1,2-Dichloropropane
 Concen: 19.697 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

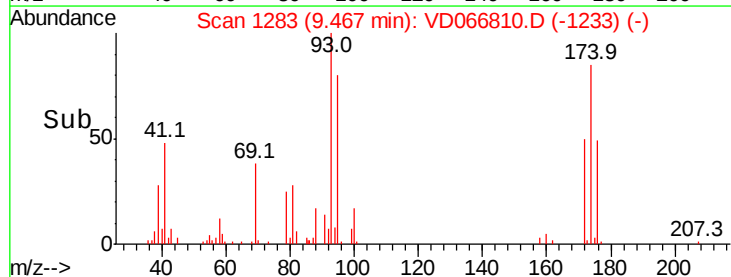
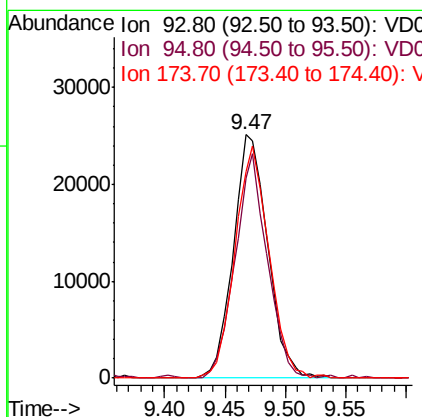
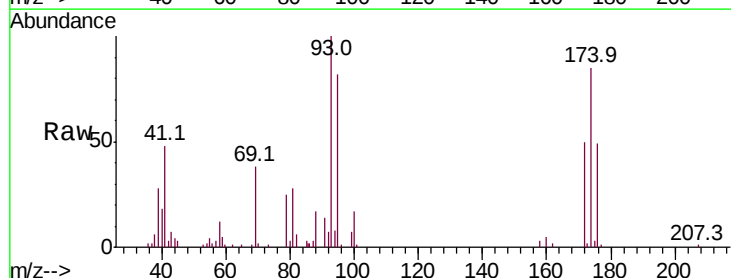
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

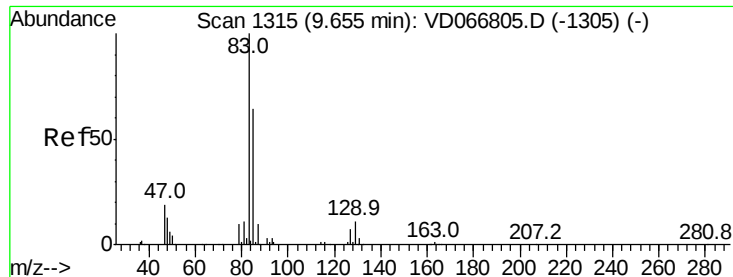
Tot Ion: 63 Resp: 93390
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.7 37.1



#46
 Dibromomethane
 Concen: 19.399 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion: 93 Resp: 49972
 Ion Ratio Lower Upper
 93 100
 95 85.9 65.3 97.9
 174 94.1 75.4 113.2





#47

Bromodichloromethane

Concen: 19.595 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

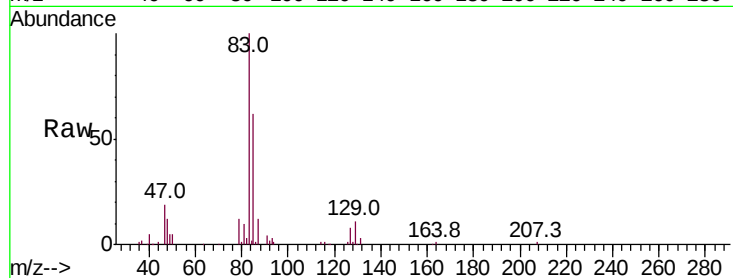
Tot Ion: 83 Resp: 135600

Ion Ratio Lower Upper

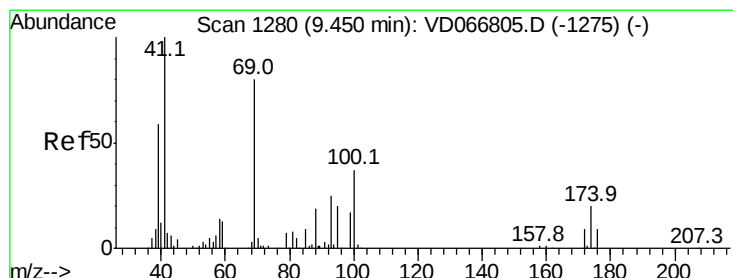
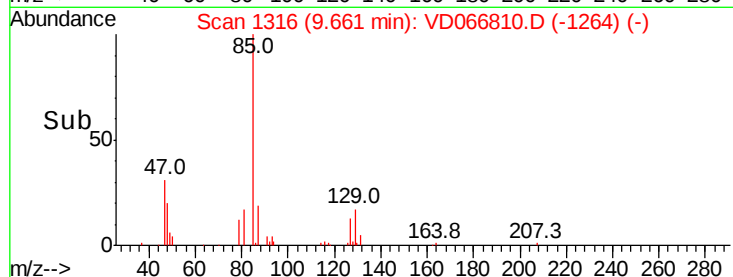
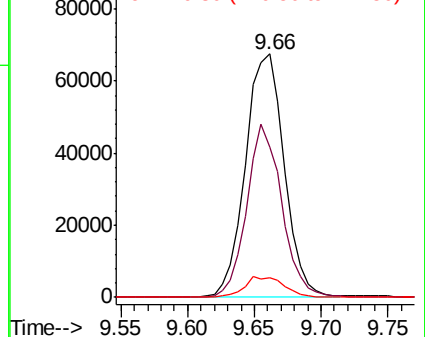
83 100

85 61.7 50.9 76.3

127 8.0 5.9 8.9



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



#48

Methyl methacrylate

Concen: 17.840 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

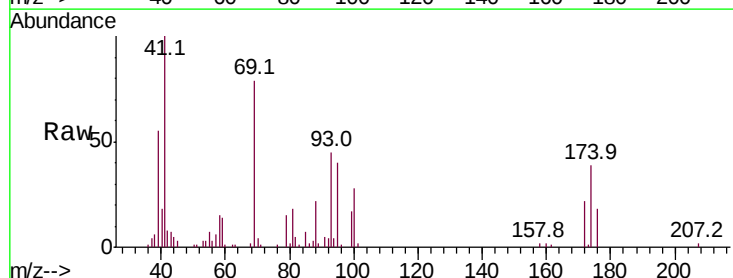
Tgt Ion: 41 Resp: 41452

Ion Ratio Lower Upper

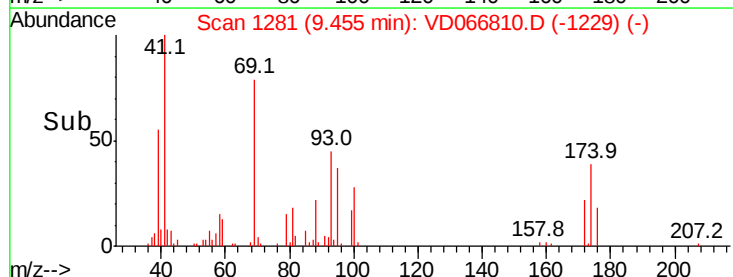
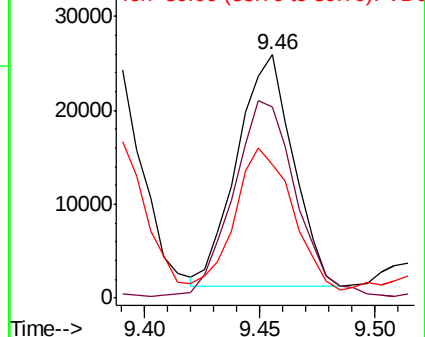
41 100

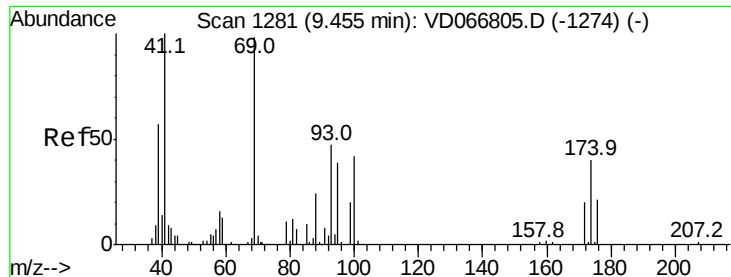
69 98.1 74.5 111.7

39 62.9 47.0 70.6



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

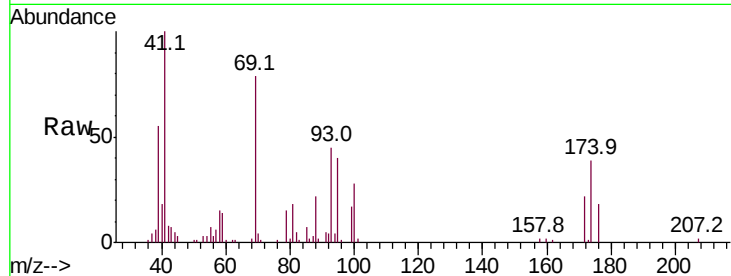




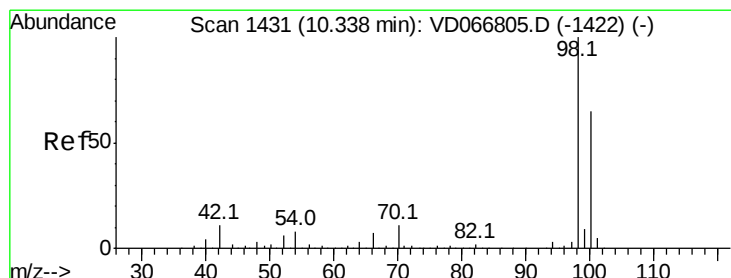
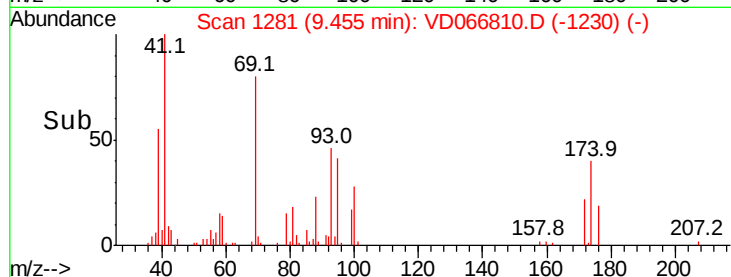
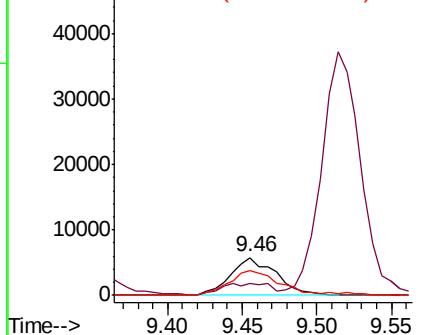
#49
1,4-Dioxane
Concen: 344.574 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Tot Ion: 88 Resp: 12053
Ion Ratio Lower Upper
88 100
43 17.2 27.7 41.5#
58 71.9 55.5 83.3

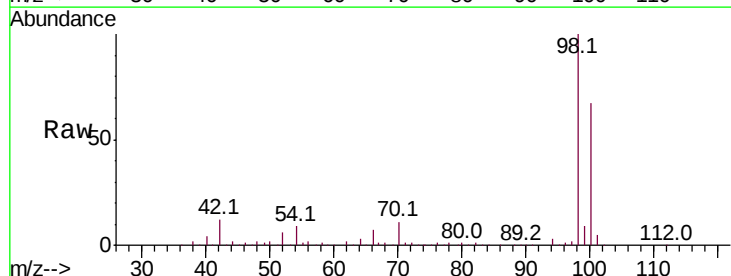


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

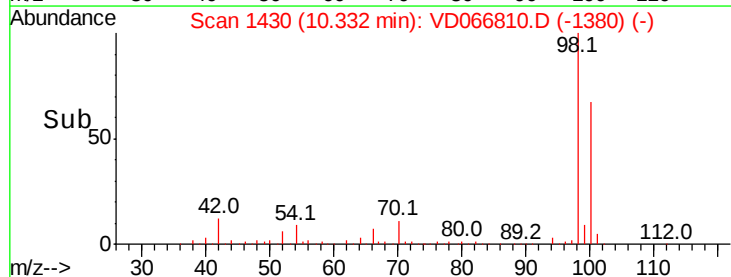
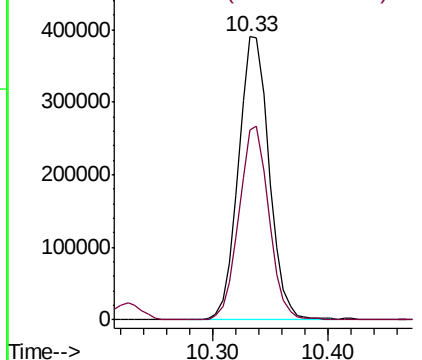


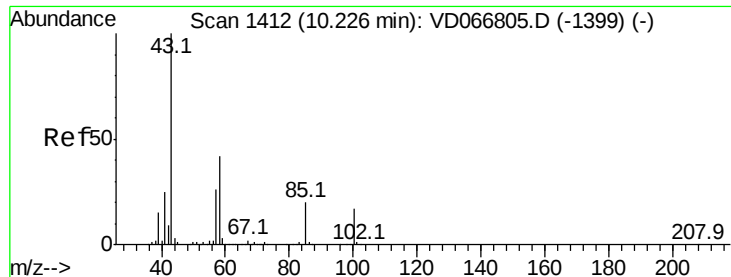
#50
Toluene-d8
Concen: 48.860 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 98 Resp: 721842
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.2



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: 100.140 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

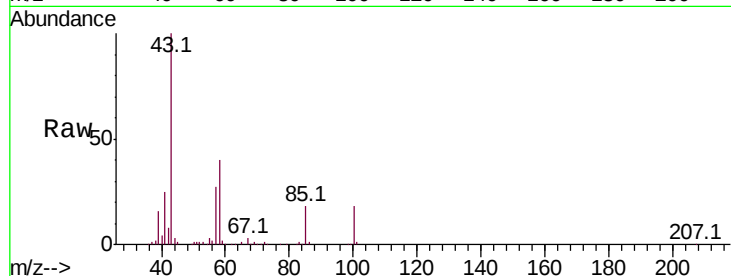
VD0922SBS01

Tot Ion: 43 Resp: 239122

Ion Ratio Lower Upper

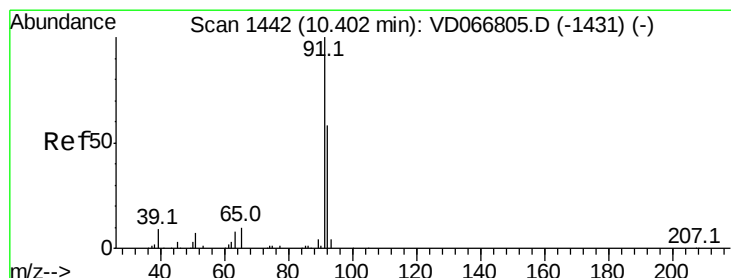
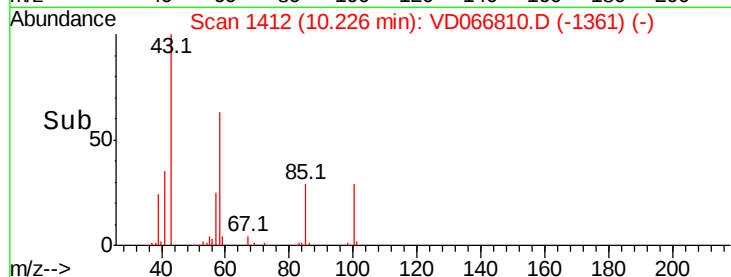
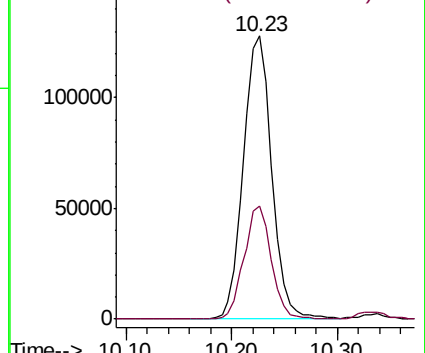
43 100

58 38.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.355 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066810.D

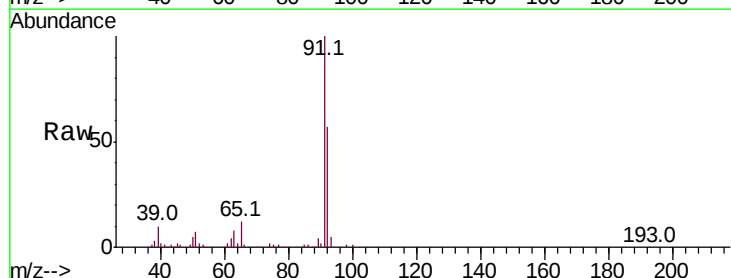
Acq: 22 Sep 2020 14:56

Tgt Ion: 92 Resp: 247070

Ion Ratio Lower Upper

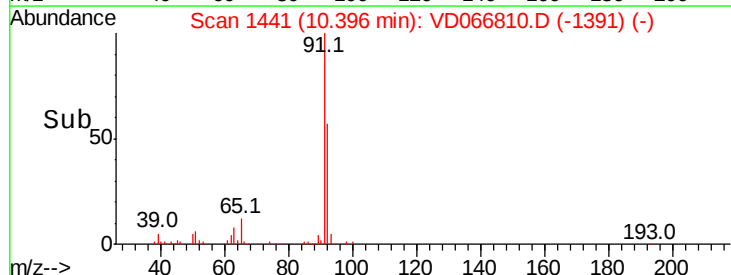
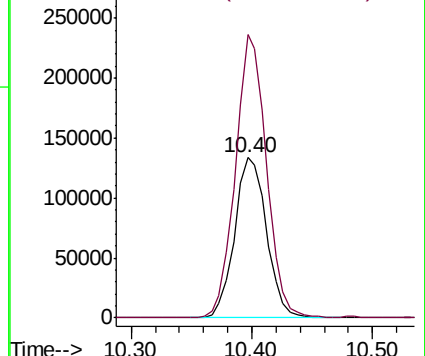
92 100

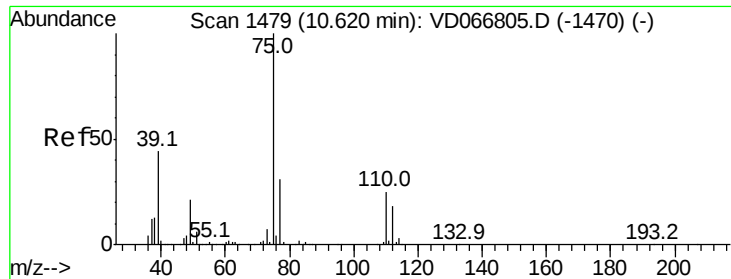
91 171.2 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

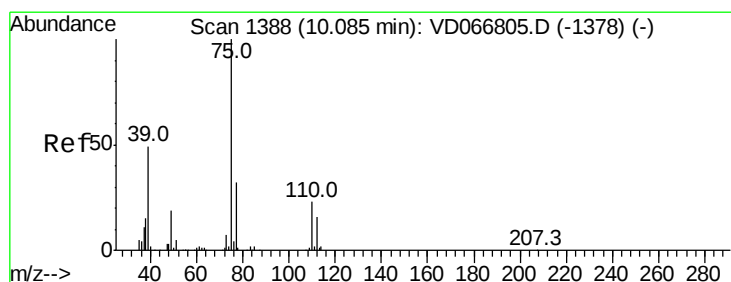
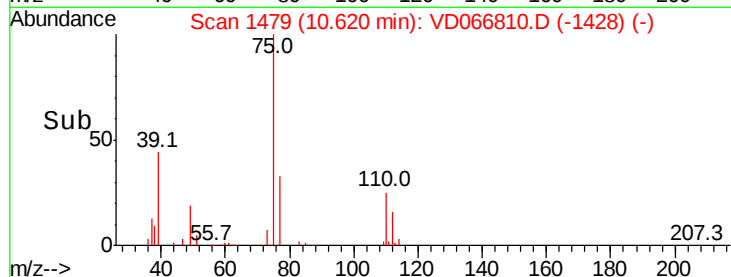
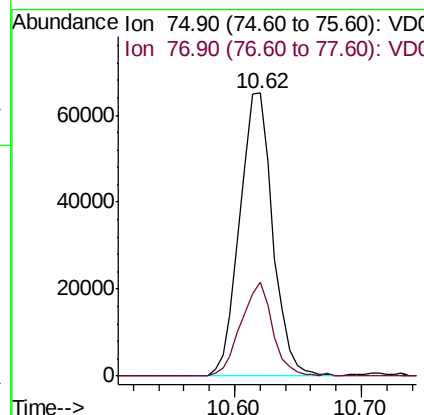
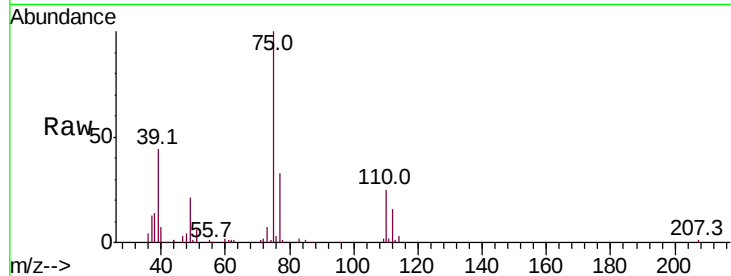




#53
 t-1,3-Dichloropropene
 Concen: 20.007 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

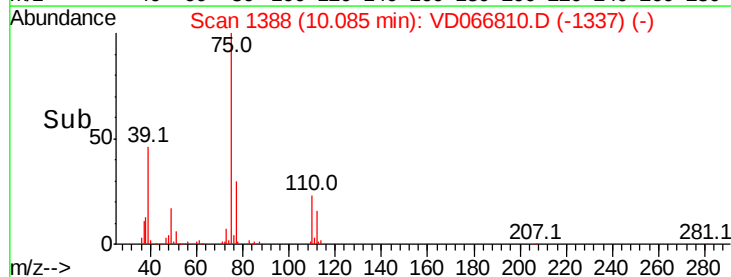
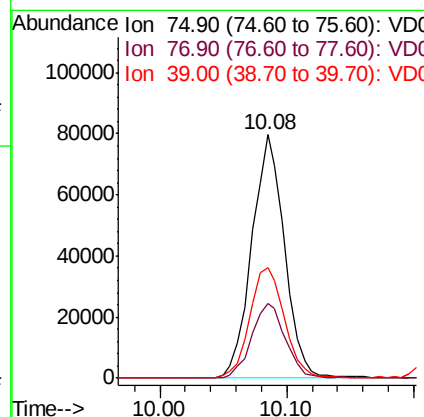
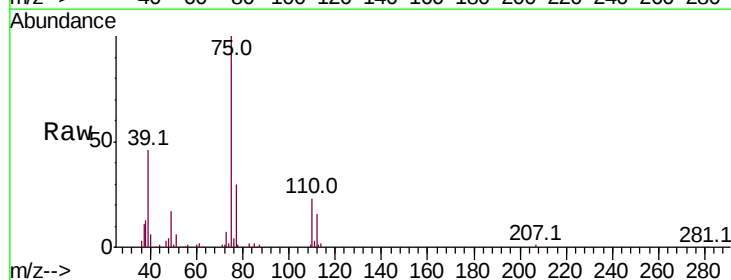
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

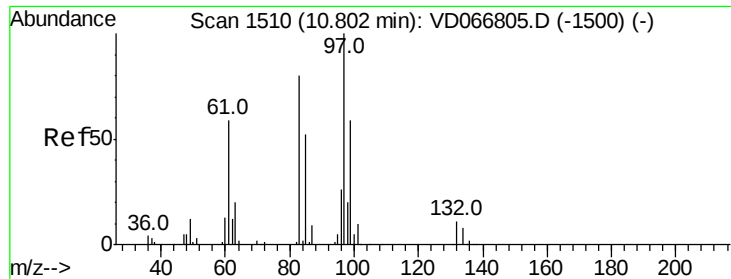
Tot Ion: 75 Resp: 117838
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.907 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion: 75 Resp: 142964
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 45.4 39.2 58.8

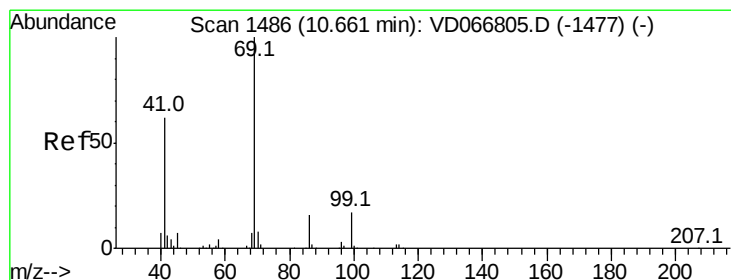
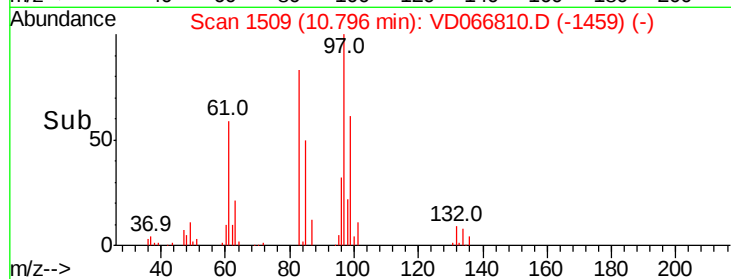
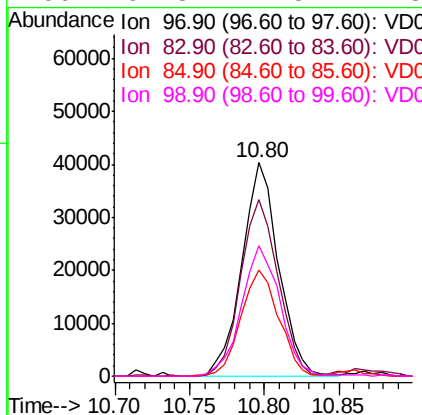
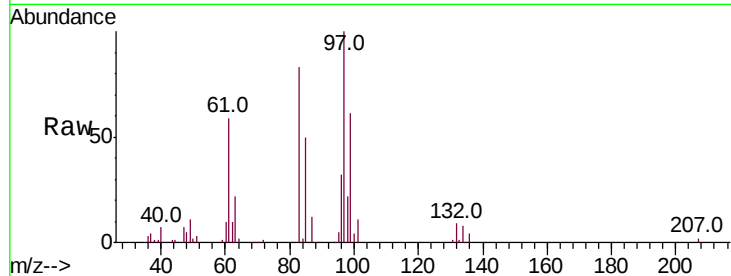




#55
 1,1,2-Trichloroethane
 Concen: 19.393 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

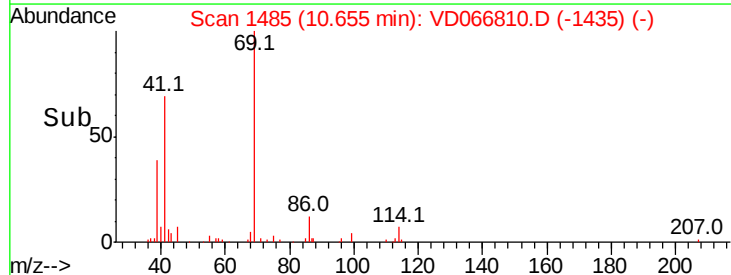
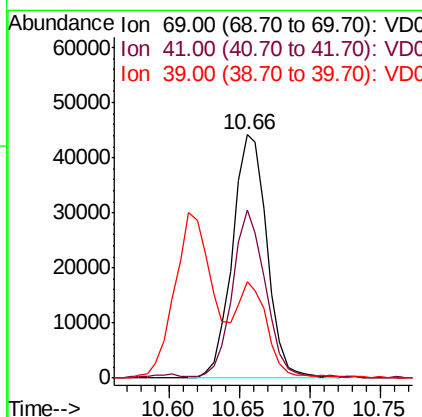
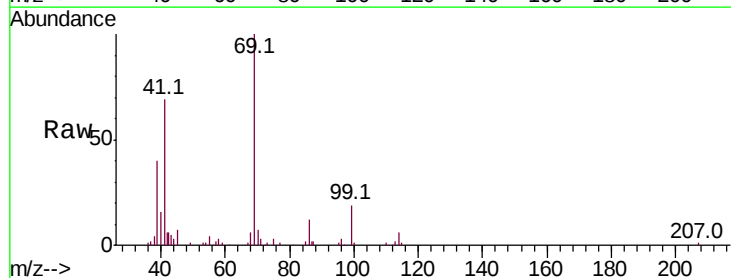
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

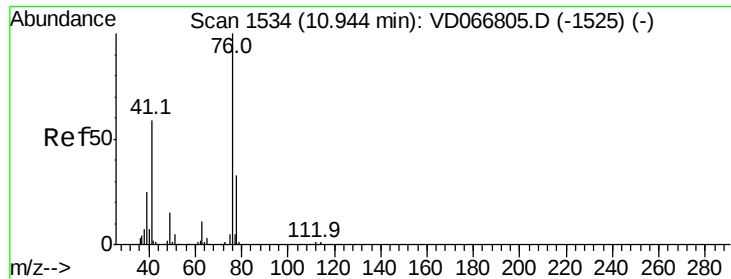
Tot Ion:	97	Resp:	68677
Ion	Ratio	Lower	Upper
97	100		
83	82.6	64.2	96.2
85	49.7	41.9	62.9
99	61.3	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 19.867 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion:	69	Resp:	75369
Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.2	78.2
39	33.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.631 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

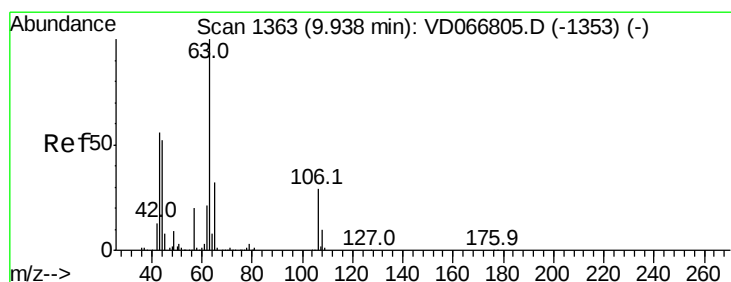
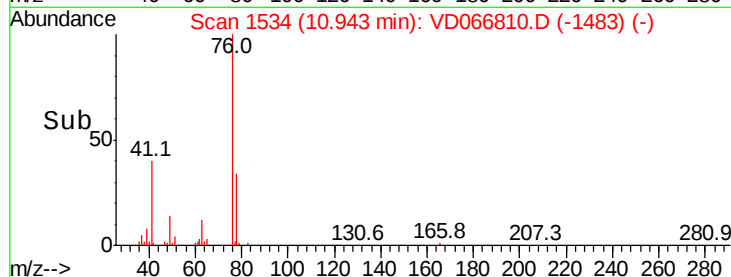
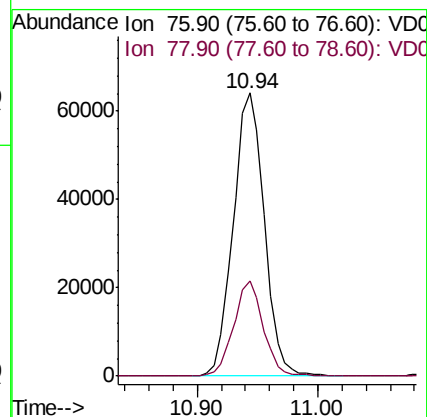
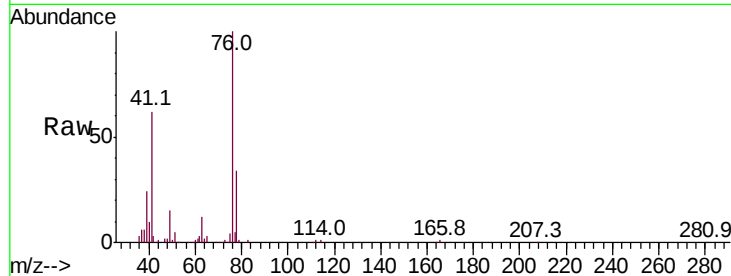
VD0922SBS01

Tot Ion: 76 Resp: 114792

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 119.674 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066810.D

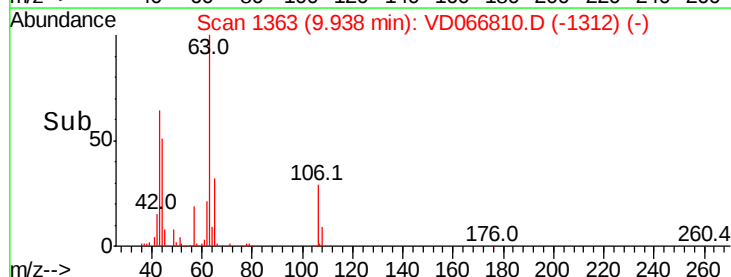
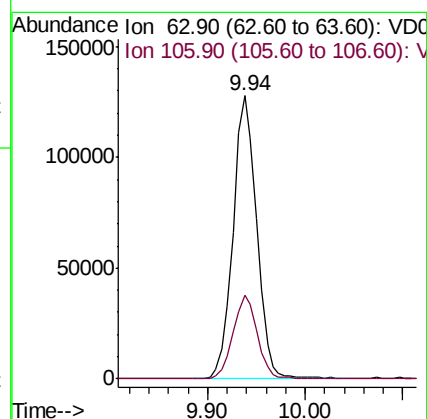
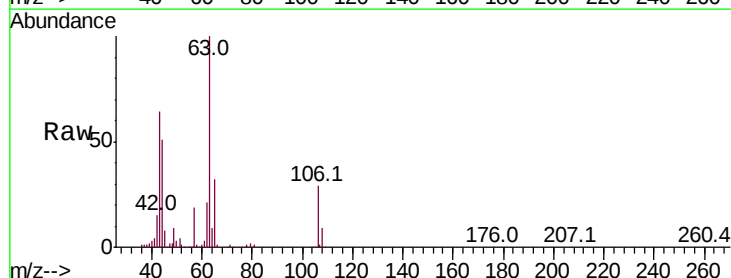
Acq: 22 Sep 2020 14:56

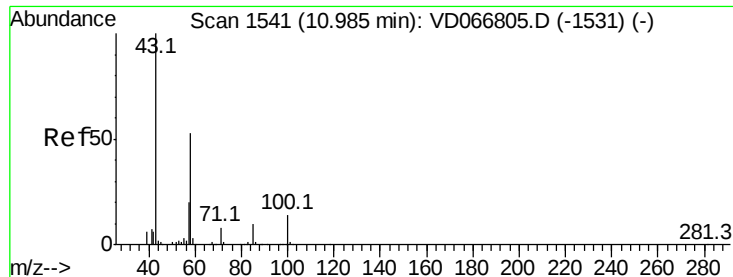
Tgt Ion: 63 Resp: 214971

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.6

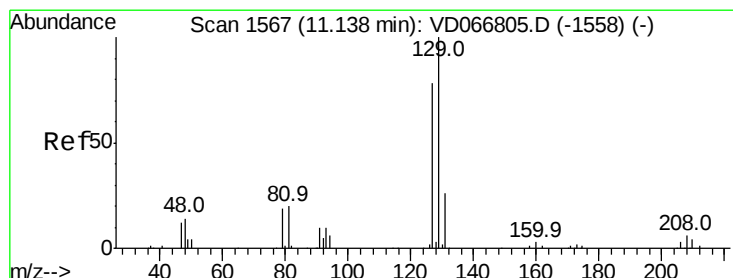
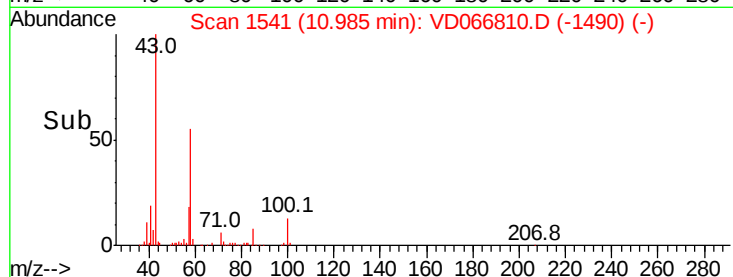
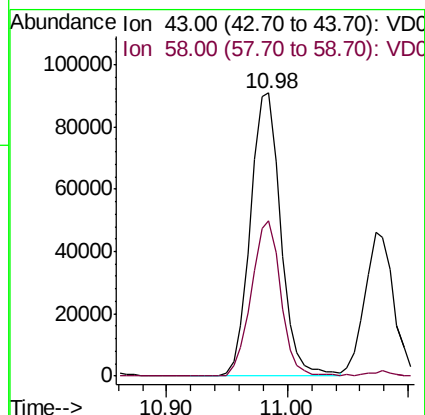
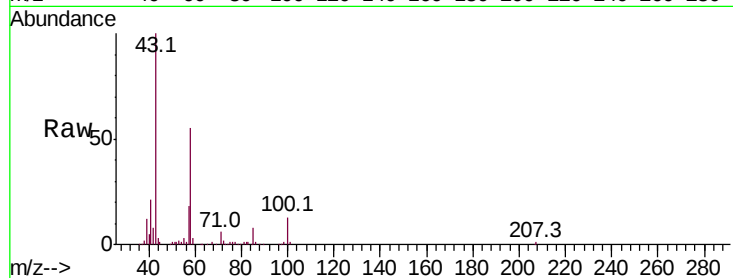




#59
2-Hexanone
Concen: 99.733 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

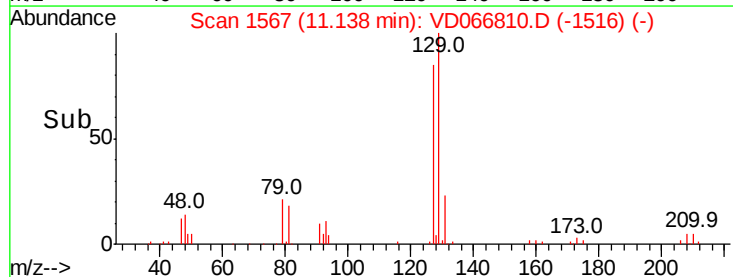
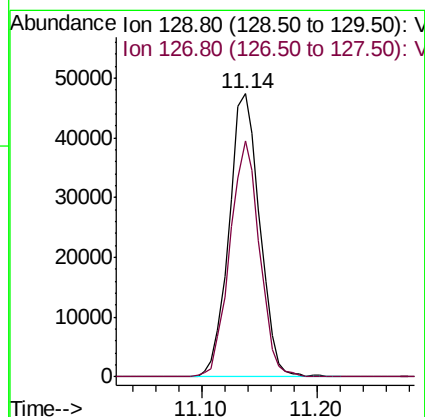
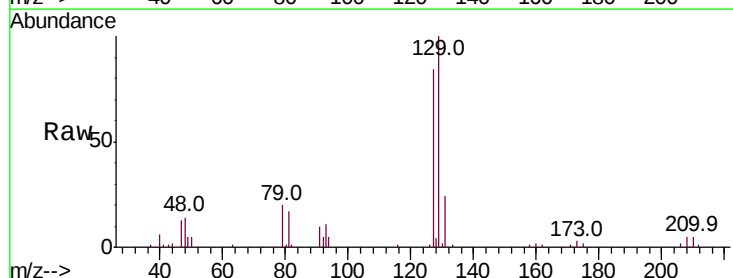
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

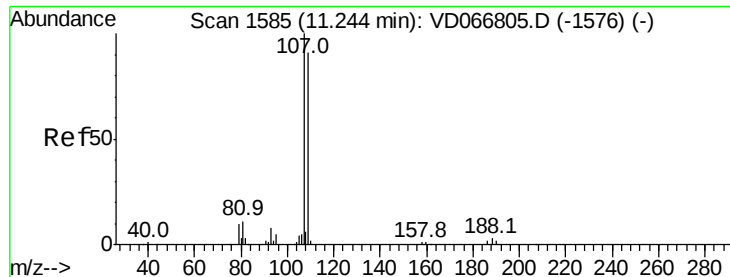
Tot Ion: 43 Resp: 160602
Ion Ratio Lower Upper
43 100
58 52.9 27.0 80.8



#60
Dibromochloromethane
Concen: 18.855 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 129 Resp: 87146
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.199 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

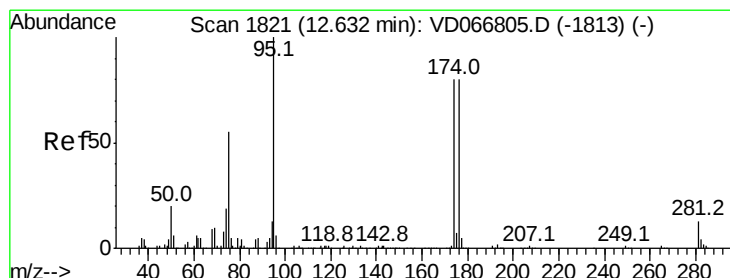
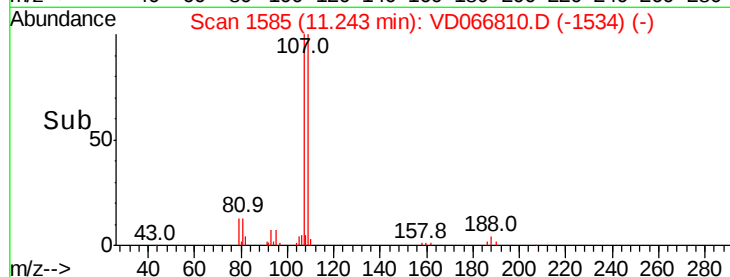
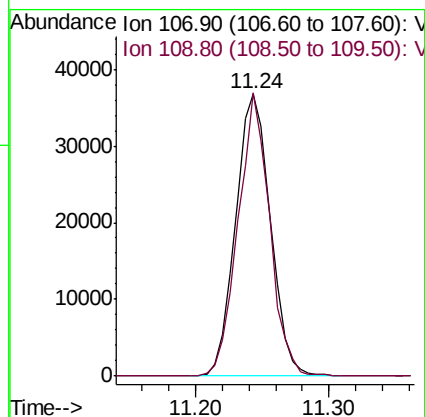
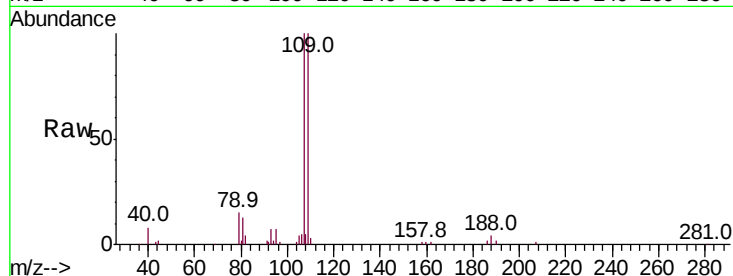
VD0922SBS01

Tot Ion:107 Resp: 66532

Ion Ratio Lower Upper

107 100

109 90.8 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 49.209 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

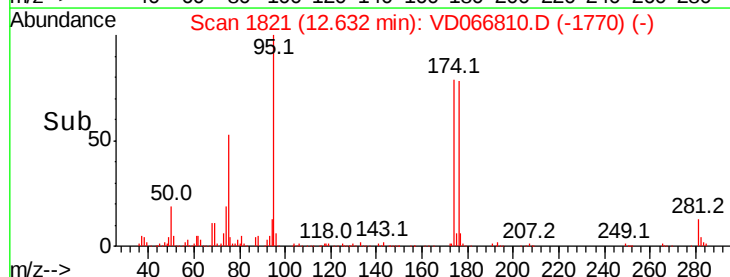
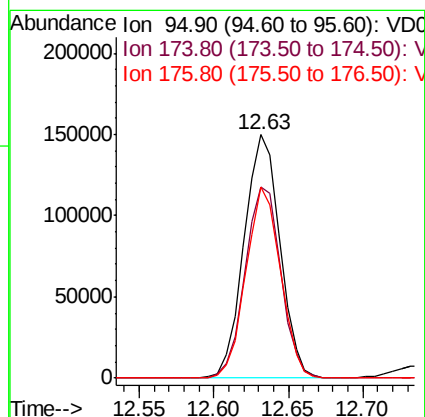
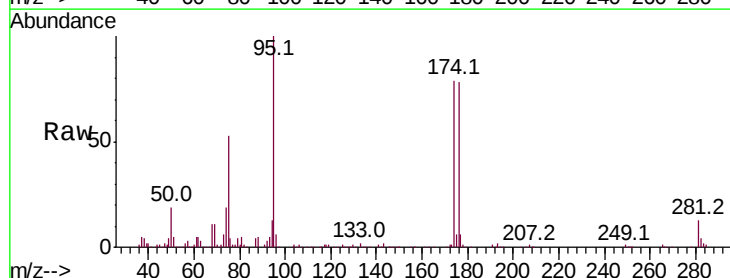
Tgt Ion: 95 Resp: 248873

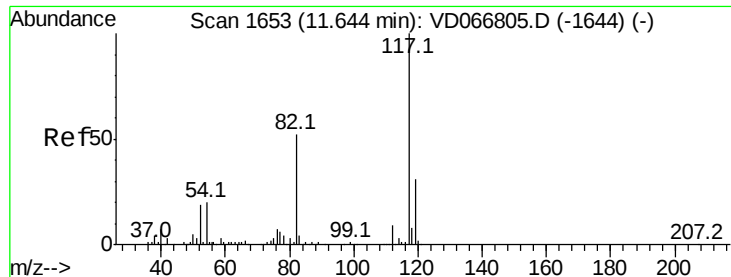
Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.8

176 75.7 0.0 154.4

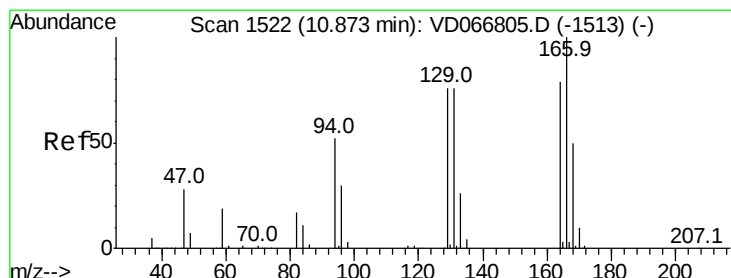
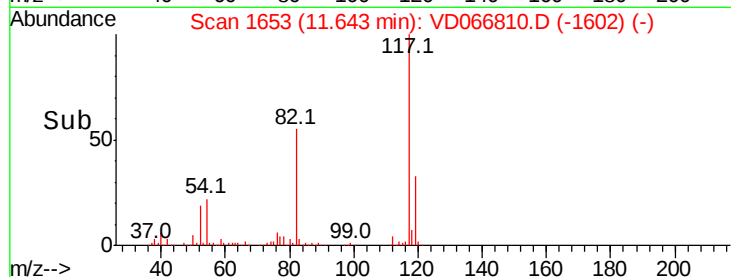
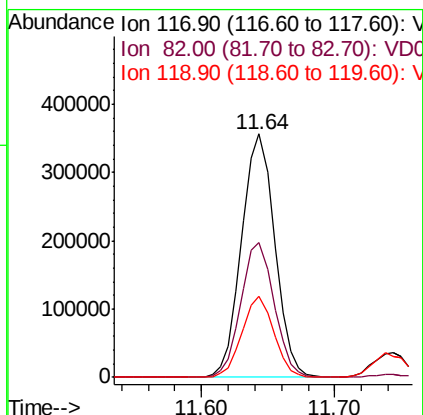
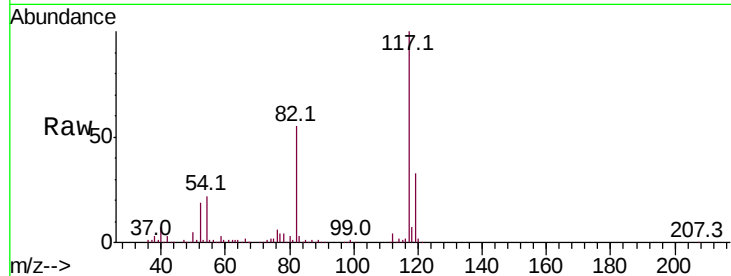




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

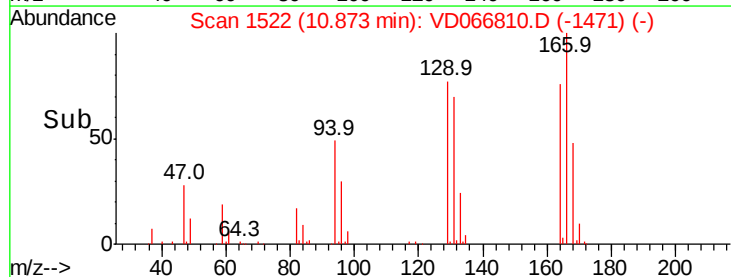
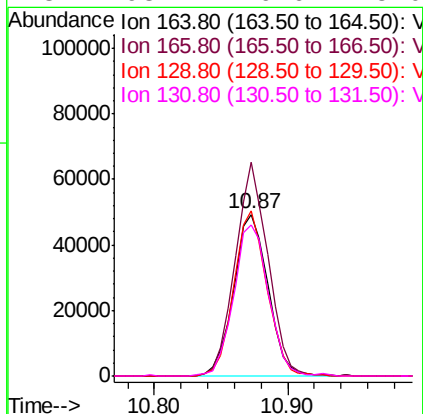
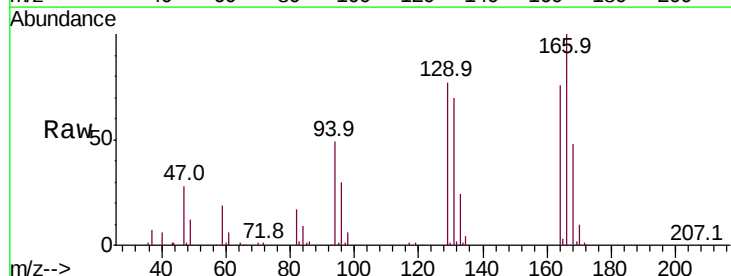
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

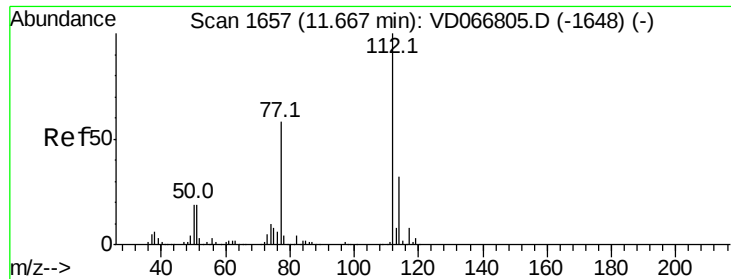
Tot Ion:117 Resp: 614568
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.6
119 33.3 24.6 37.0



#64
Tetrachloroethene
Concen: 19.880 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion:164 Resp: 87885
Ion Ratio Lower Upper
164 100
166 132.1 101.1 151.7
129 102.0 77.0 115.4
131 93.1 76.6 115.0

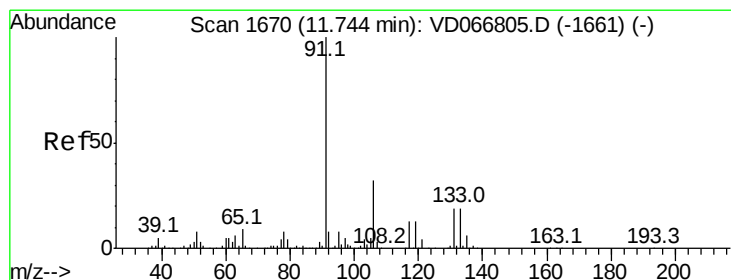
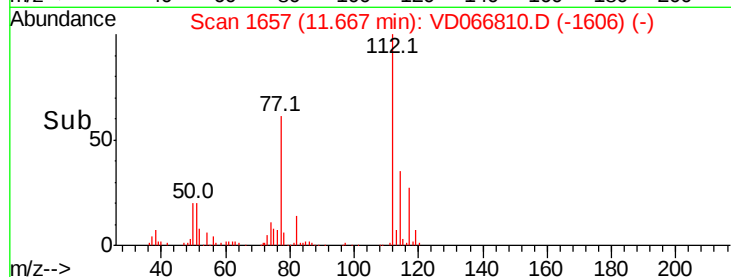
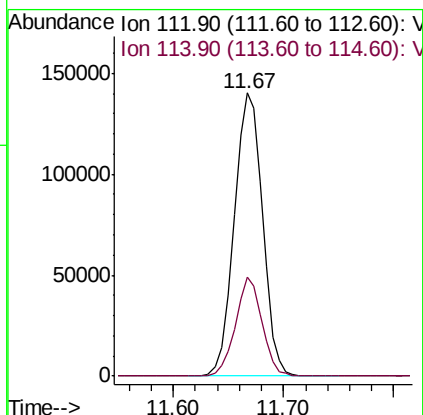
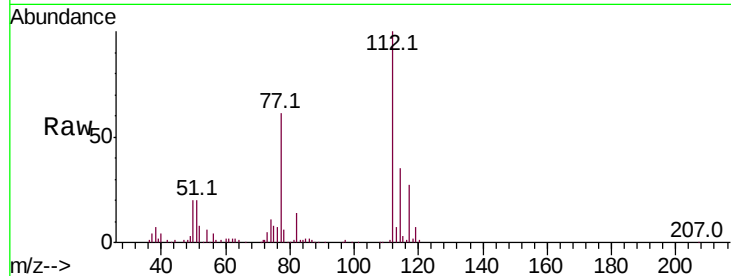




#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

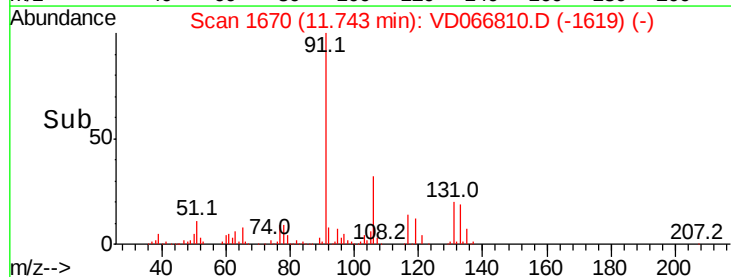
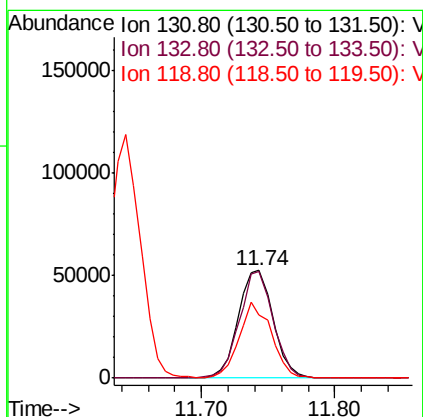
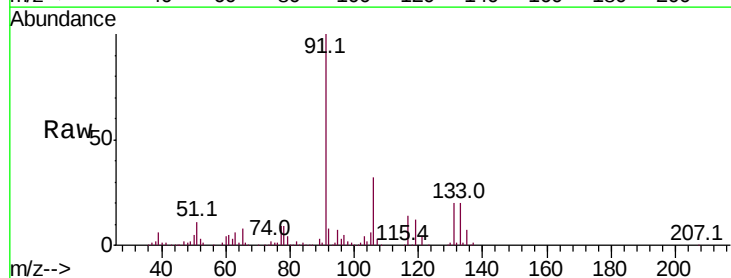
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

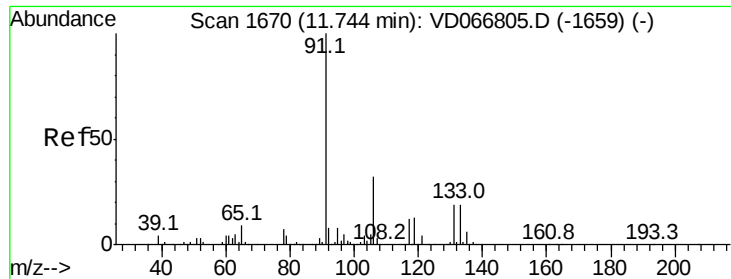
Tot Ion:112 Resp: 252191
Ion Ratio Lower Upper
112 100
114 34.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.614 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion:131 Resp: 94968
Ion Ratio Lower Upper
131 100
133 95.8 46.7 140.1
119 64.9 32.3 96.9

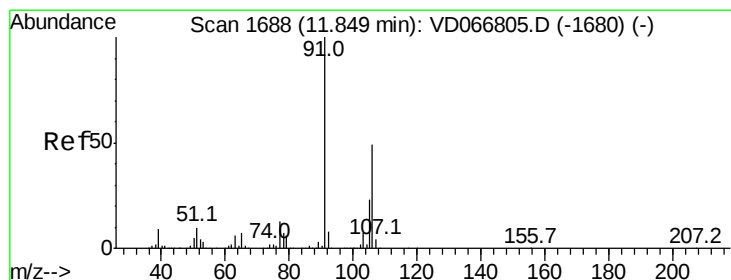
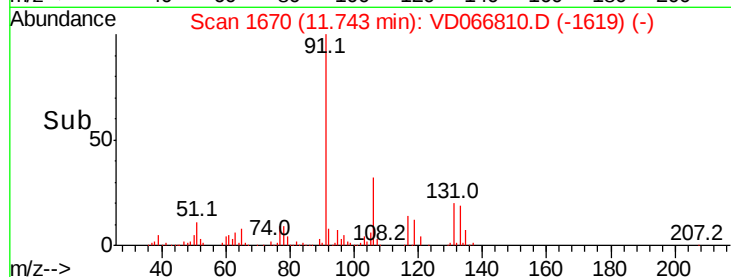
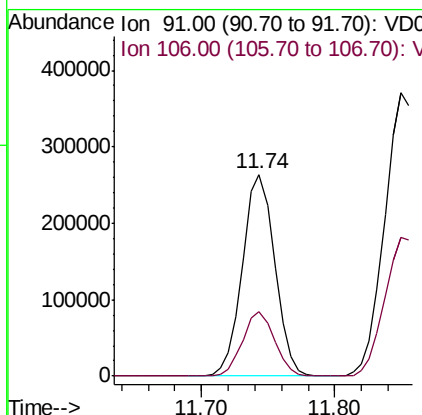
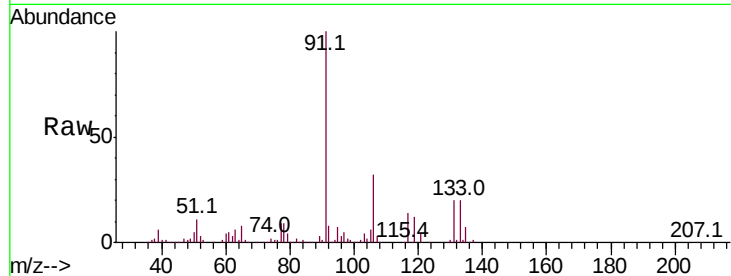




#67
Ethyl Benzene
Concen: 19.699 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

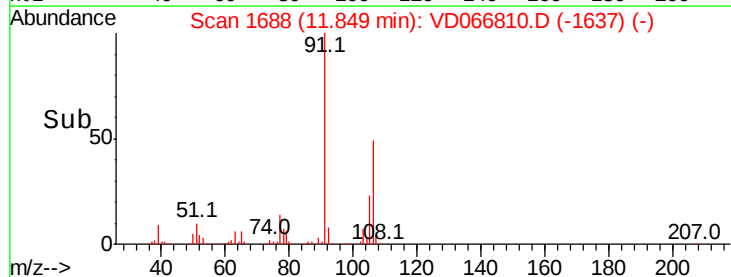
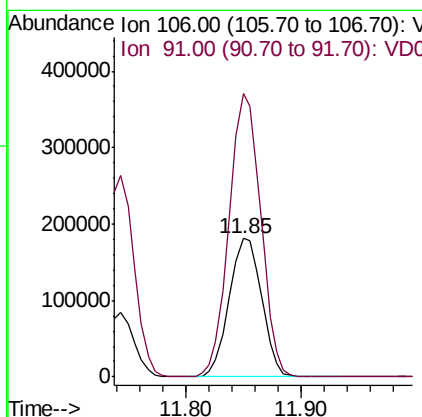
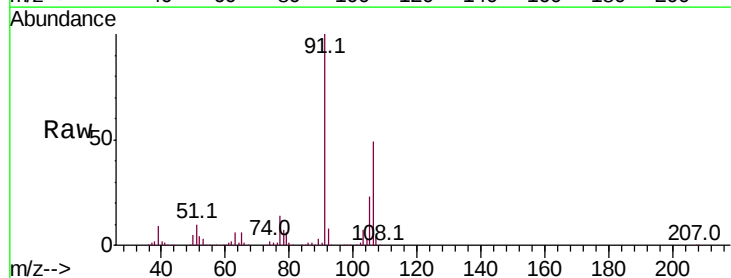
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

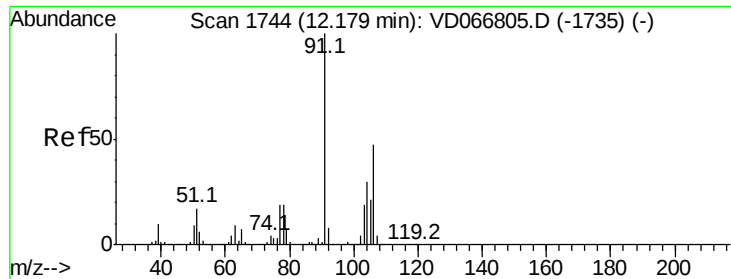
Tot Ion: 91 Resp: 442595
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 41.774 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion:106 Resp: 355353
Ion Ratio Lower Upper
106 100
91 198.8 160.7 241.1

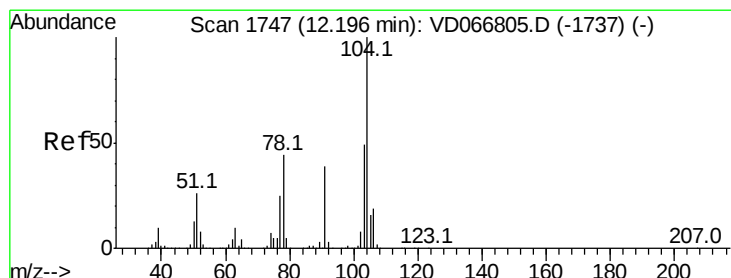
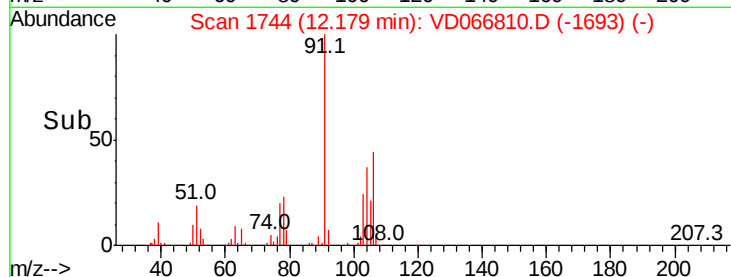
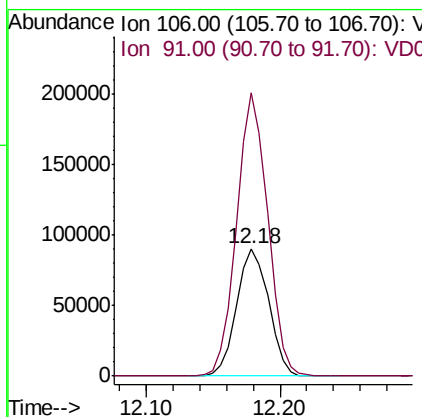
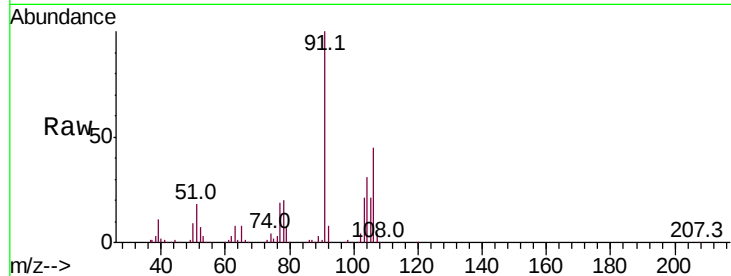




#69
o-Xylene
Concen: 19.665 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

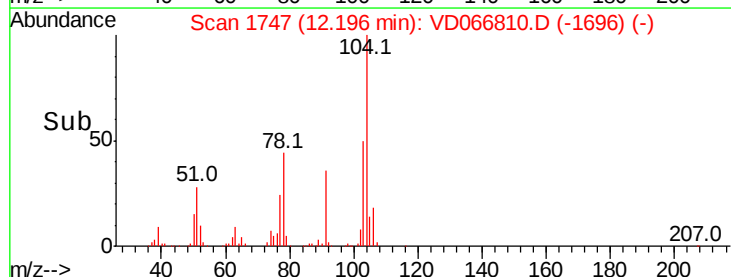
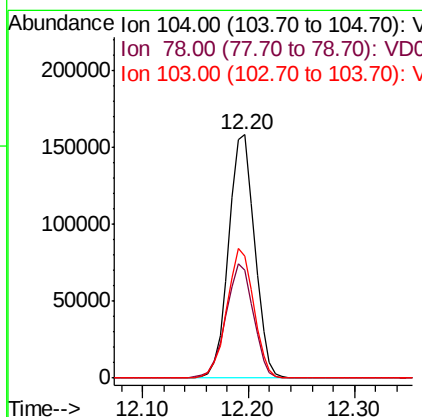
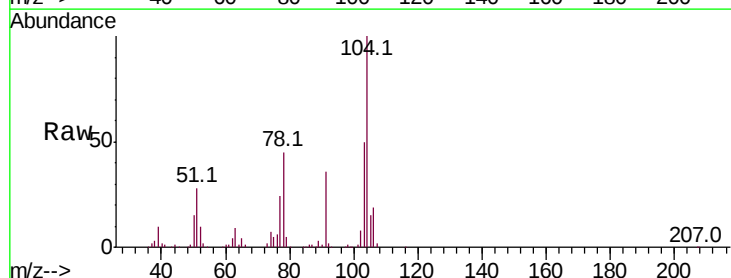
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

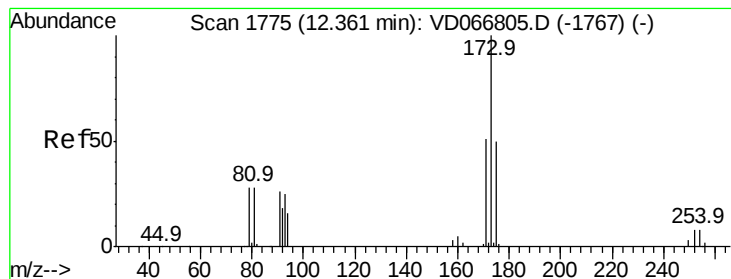
Tot Ion:106 Resp: 151263
Ion Ratio Lower Upper
106 100
91 214.6 106.3 318.8



#70
Styrene
Concen: 20.112 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion:104 Resp: 268654
Ion Ratio Lower Upper
104 100
78 49.8 38.9 58.3
103 54.8 43.2 64.8





#71

Bromoform

Concen: 19.299 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

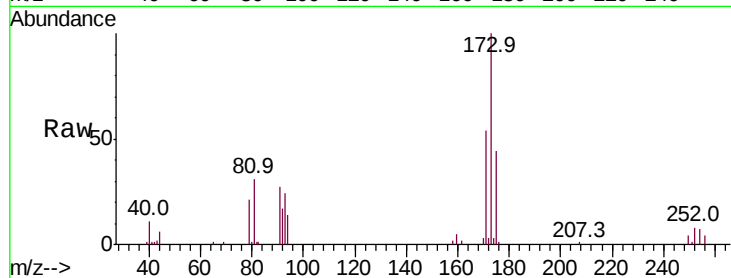
Tot Ion:173 Resp: 47311

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.6

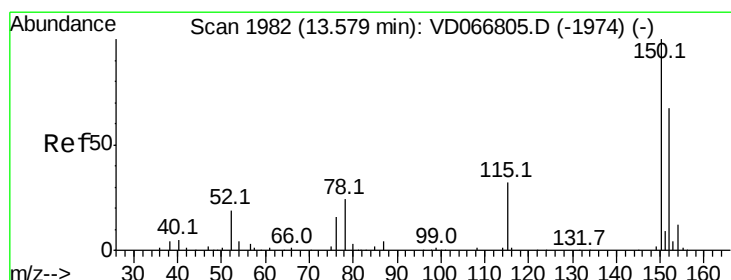
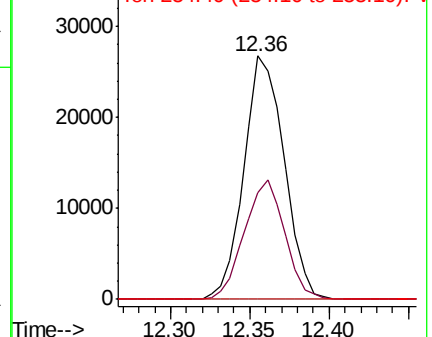
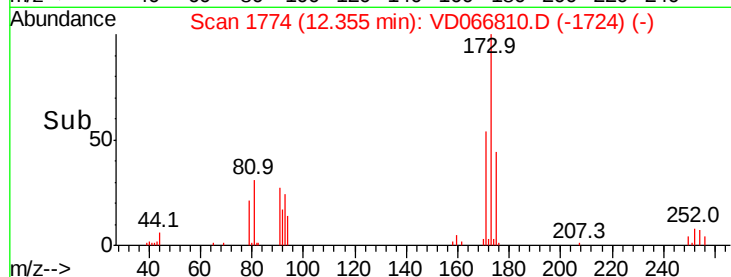
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

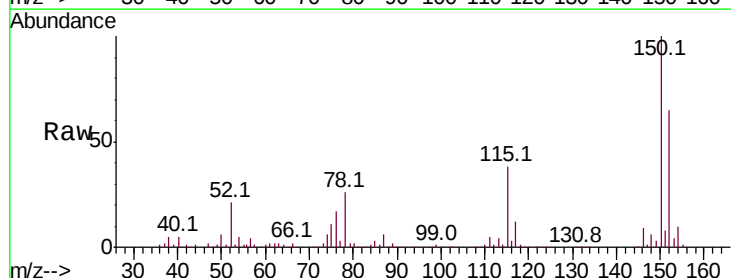
Tgt Ion:152 Resp: 291900

Ion Ratio Lower Upper

152 100

115 60.0 30.3 91.0

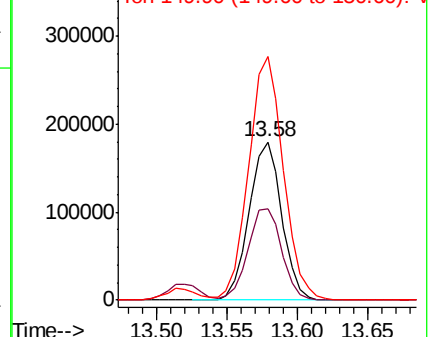
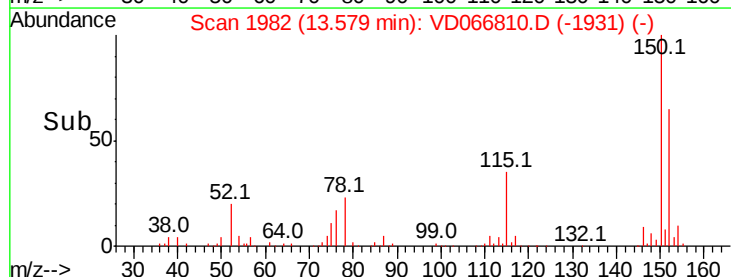
150 163.2 0.0 346.2

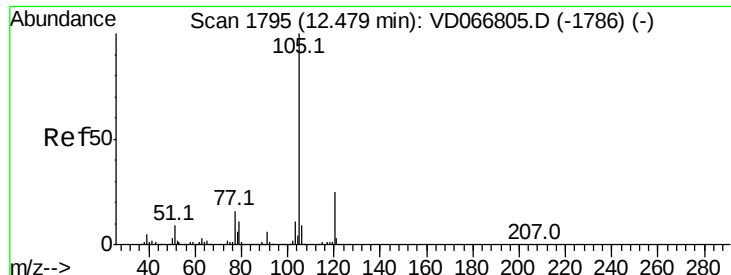


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.242 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

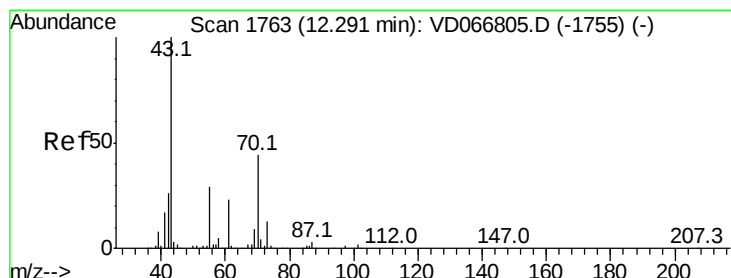
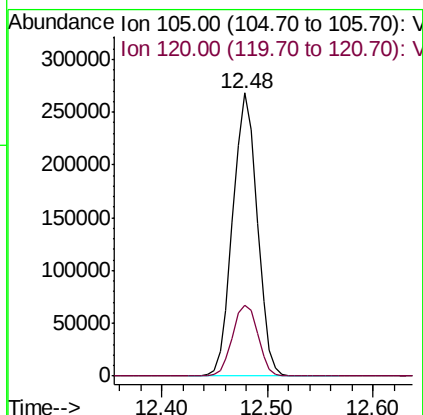
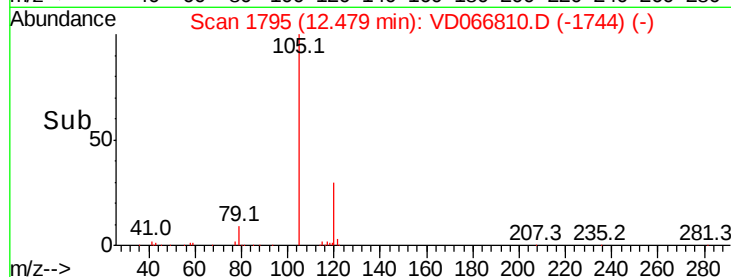
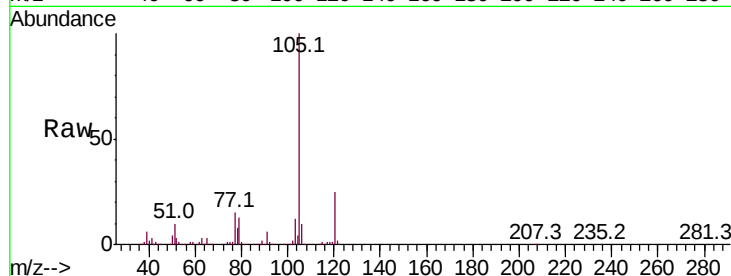
VD0922SBS01

Tot Ion:105 Resp: 426844

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 20.087 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Tgt Ion: 43 Resp: 82719

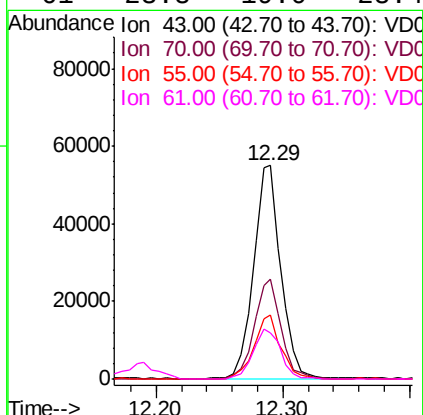
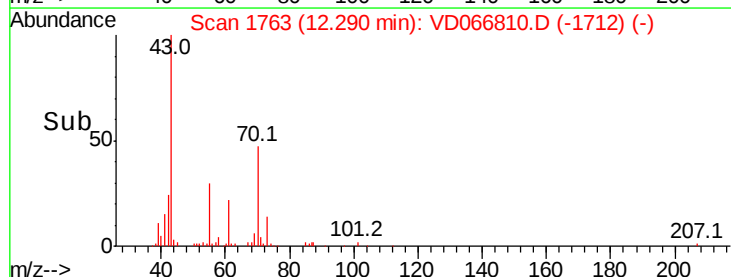
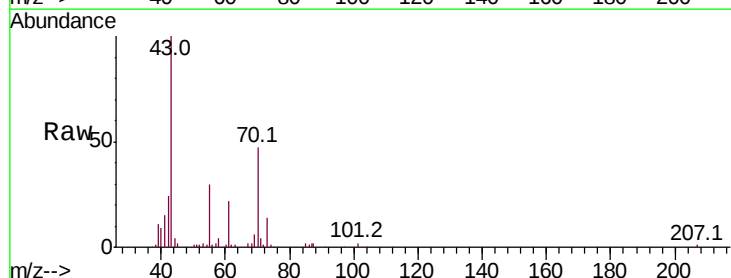
Ion Ratio Lower Upper

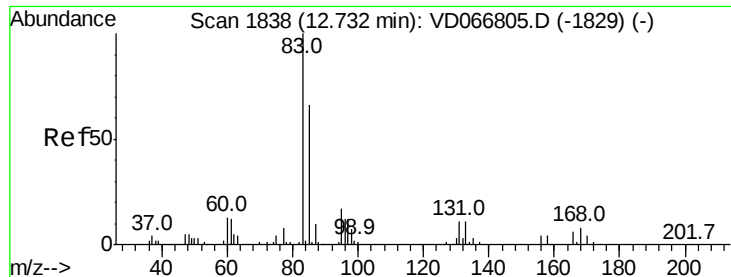
43 100

70 45.7 36.1 54.1

55 29.7 21.8 32.8

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

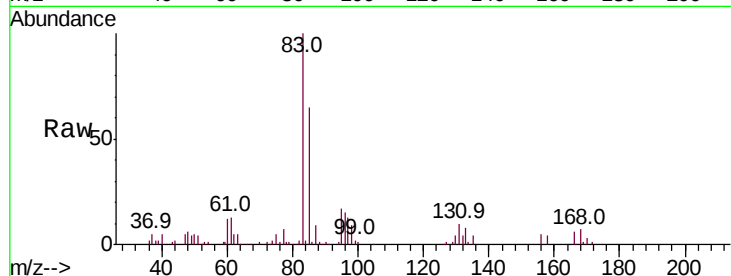
Tot Ion: 83 Resp: 72337

Ion Ratio Lower Upper

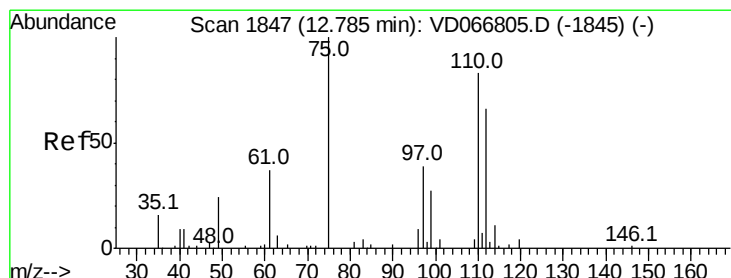
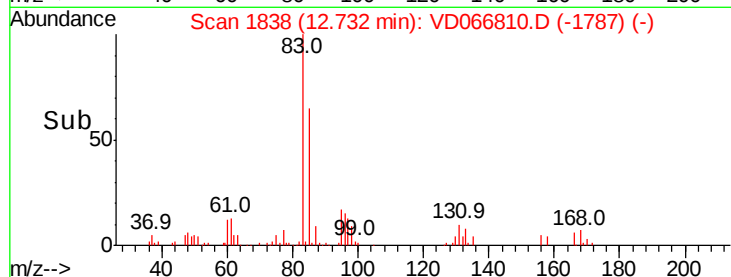
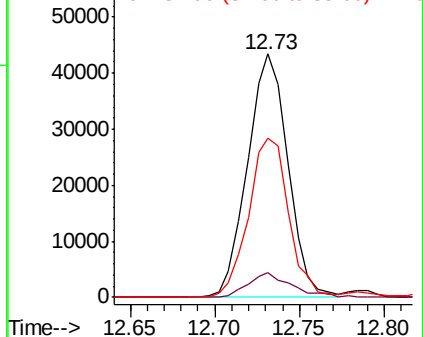
83 100

131 10.7 5.5 16.7

85 65.2 32.1 96.5



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: 39.199 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066810.D

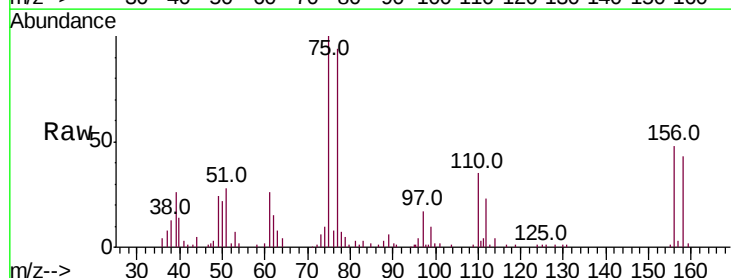
Acq: 22 Sep 2020 14:56

Tgt Ion: 75 Resp: 94823

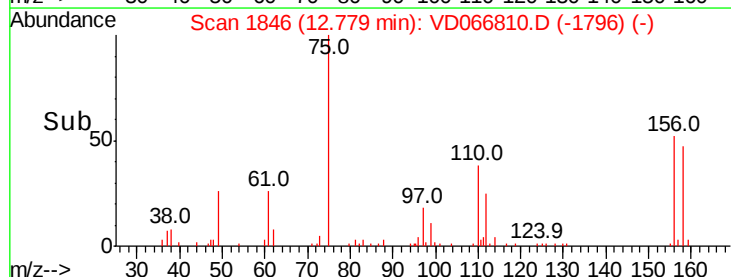
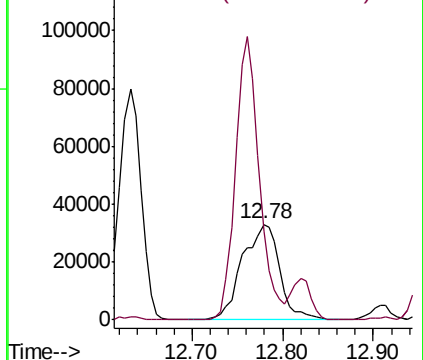
Ion Ratio Lower Upper

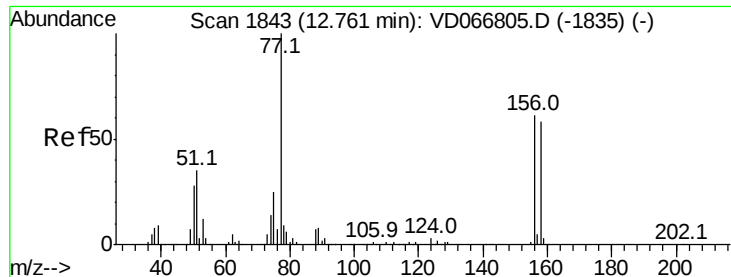
75 100

77 190.0 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: 19.571 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

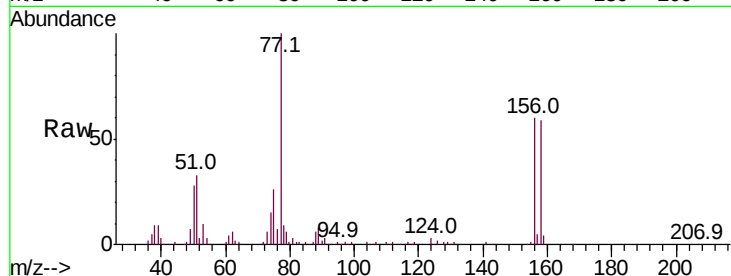
Tot Ion:156 Resp: 96518

Ion Ratio Lower Upper

156 100

77 186.7 92.3 276.9

158 97.9 47.6 142.9

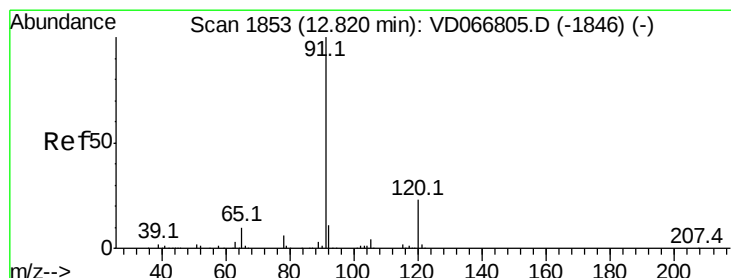
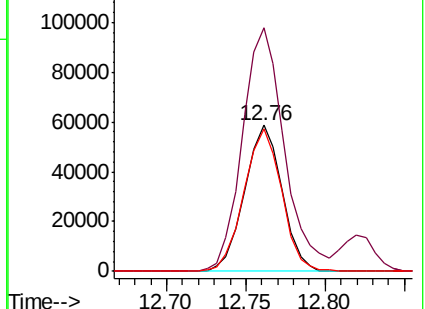
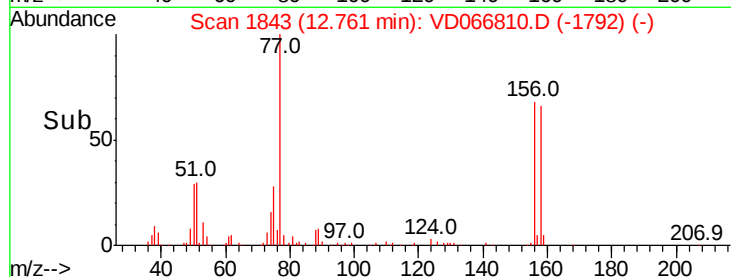


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

Time-->



#78

n-propylbenzene

Concen: 20.691 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066810.D

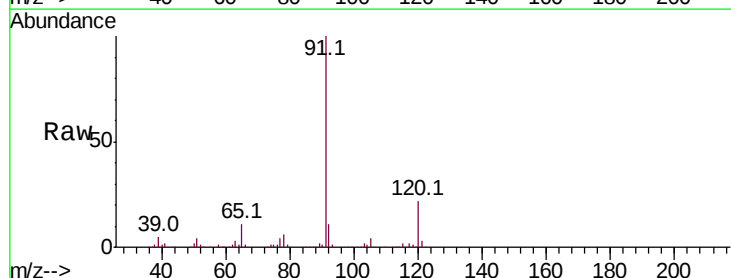
Acq: 22 Sep 2020 14:56

Tgt Ion: 91 Resp: 524903

Ion Ratio Lower Upper

91 100

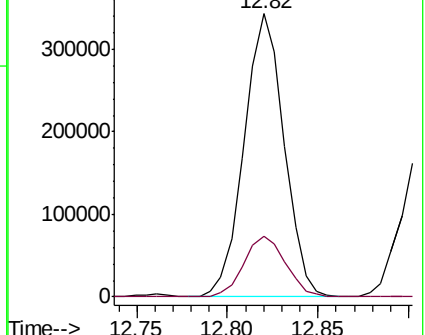
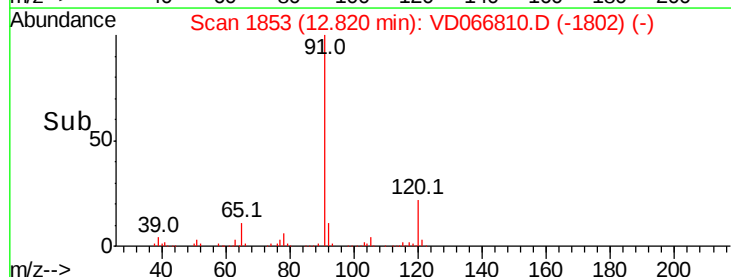
120 22.6 11.4 34.2

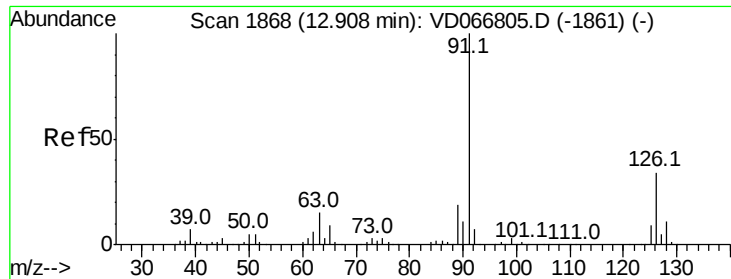


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->





#79

2-Chlorotoluene

Concen: 20.280 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

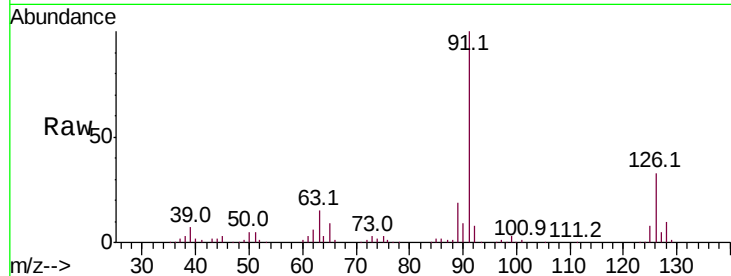
VD0922SBS01

Tot Ion: 91 Resp: 293171

Ion Ratio Lower Upper

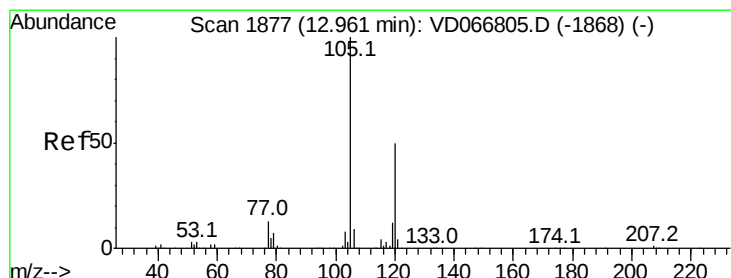
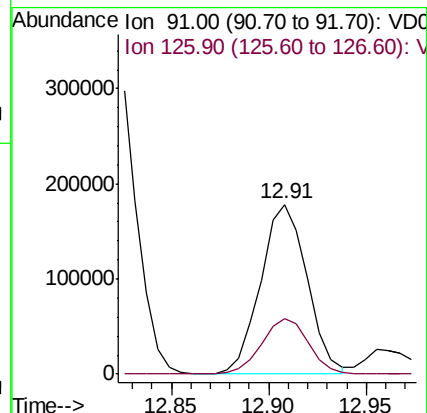
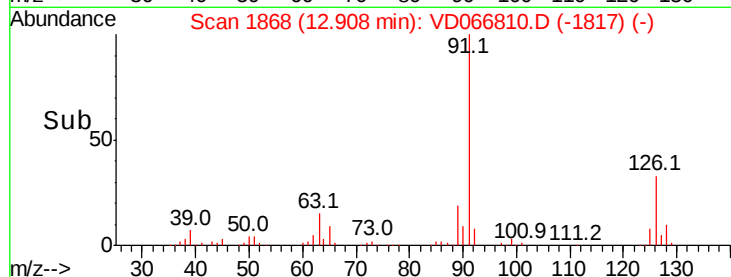
91 100

126 33.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.569 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066810.D

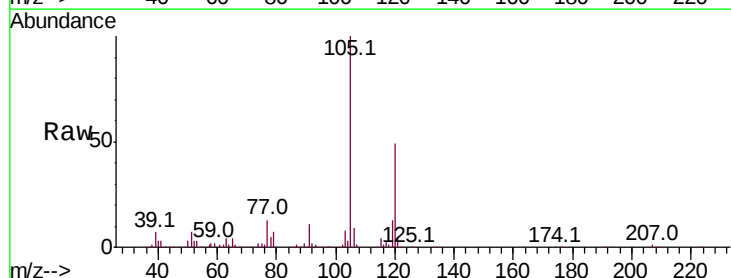
Acq: 22 Sep 2020 14:56

Tgt Ion:105 Resp: 368031

Ion Ratio Lower Upper

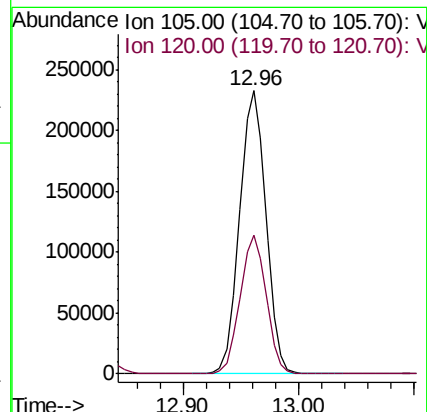
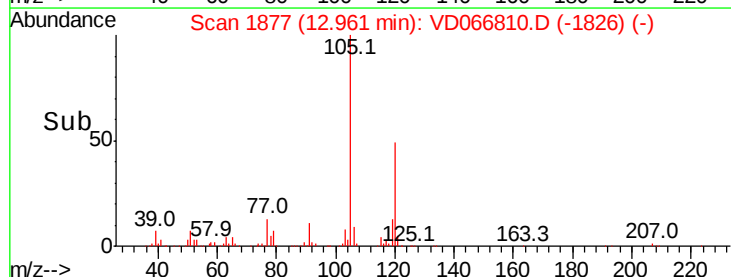
105 100

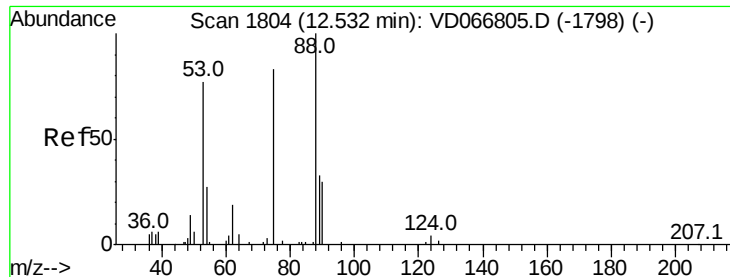
120 48.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.232 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

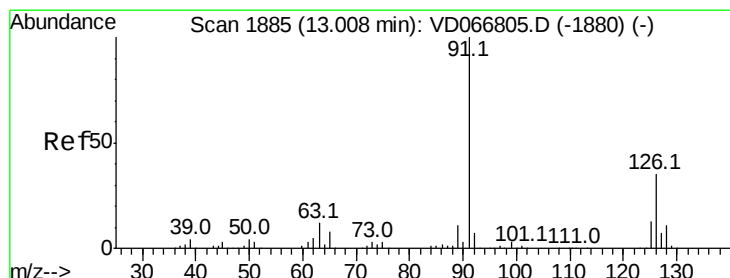
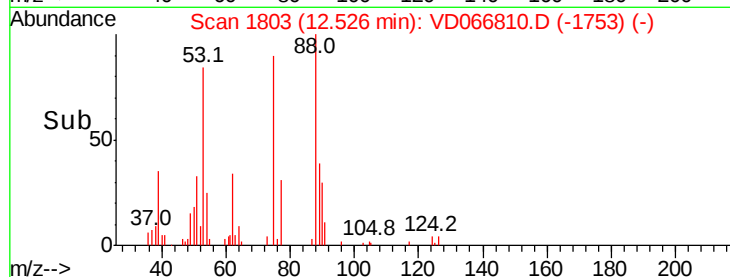
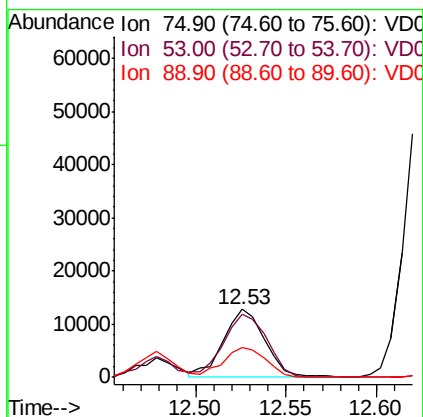
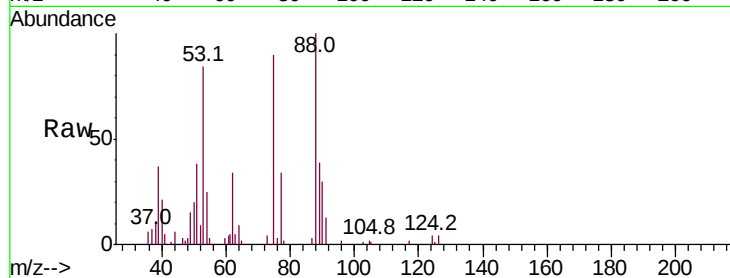
Tot Ion: 75 Resp: 20529

Ion Ratio Lower Upper

75 100

53 95.6 78.5 117.7

89 44.5 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.817 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066810.D

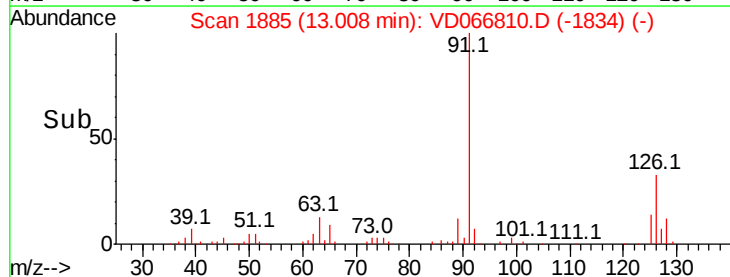
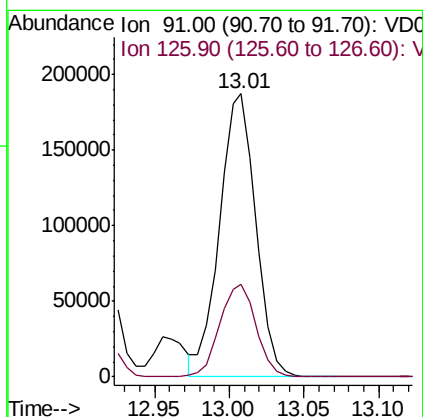
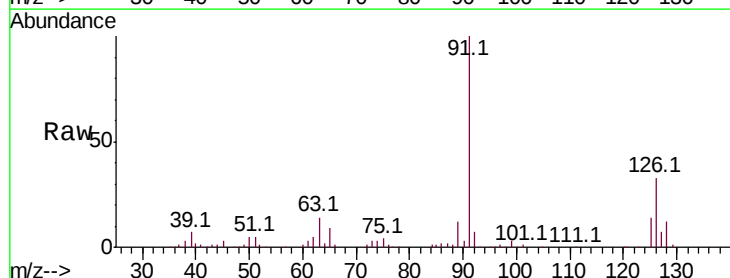
Acq: 22 Sep 2020 14:56

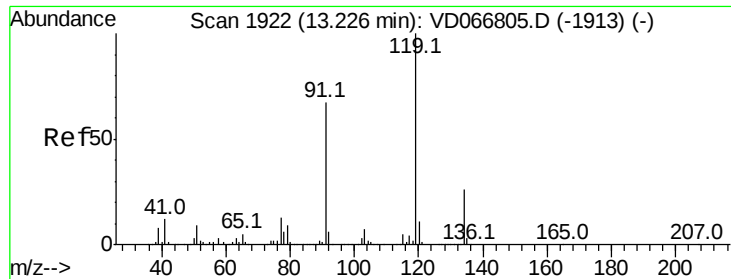
Tgt Ion: 91 Resp: 317222

Ion Ratio Lower Upper

91 100

126 33.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.151 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

VD0922SBS01

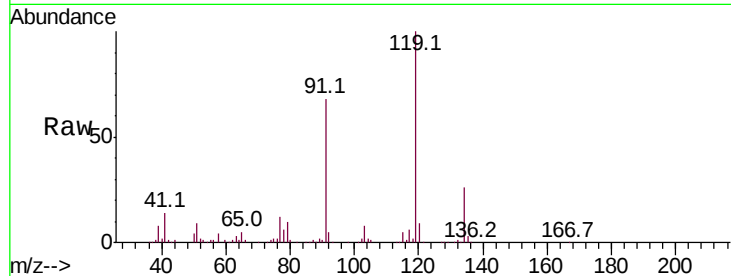
Tot Ion:119 Resp: 296268

Ion Ratio Lower Upper

119 100

91 67.4 33.6 100.8

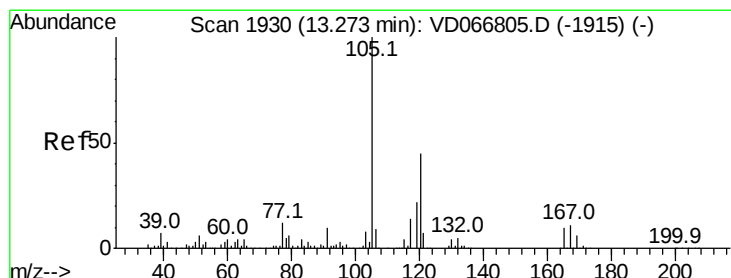
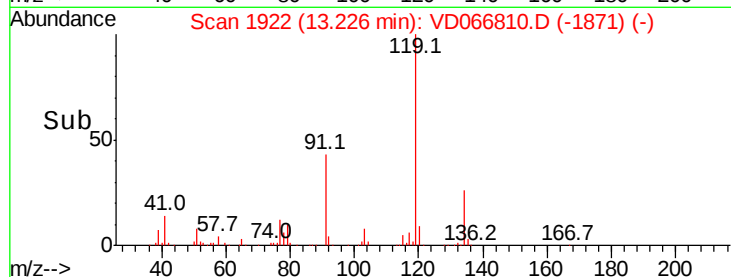
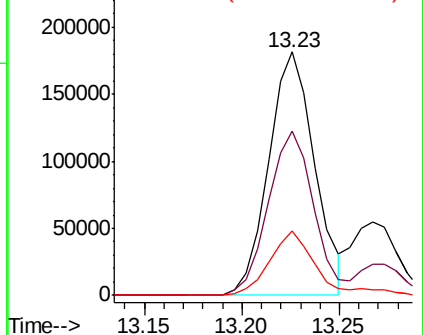
134 27.4 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.594 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066810.D

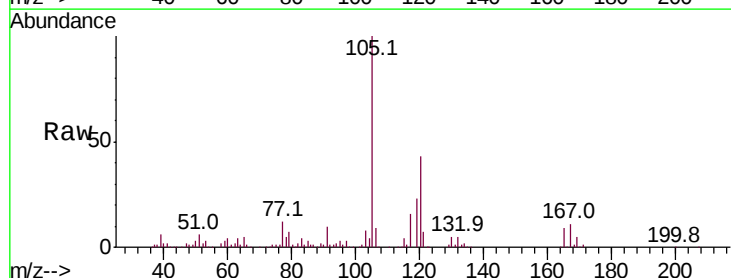
Acq: 22 Sep 2020 14:56

Tgt Ion:105 Resp: 365388

Ion Ratio Lower Upper

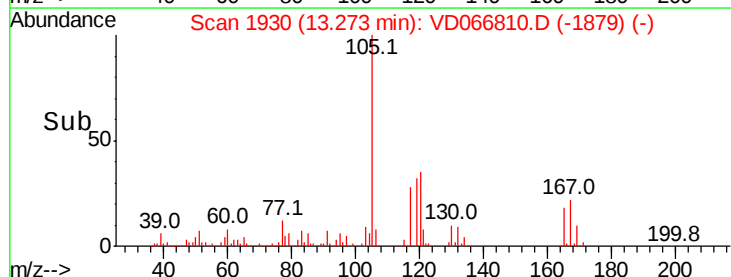
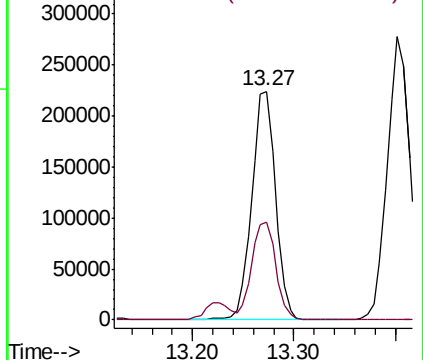
105 100

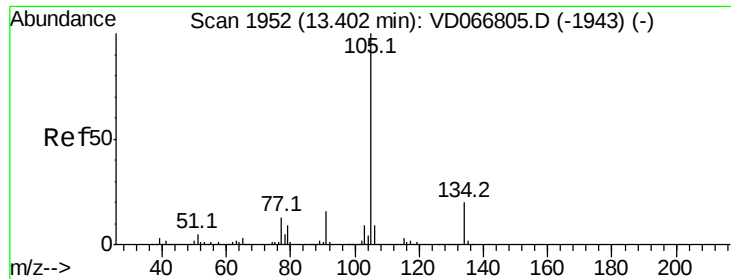
120 43.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.332 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

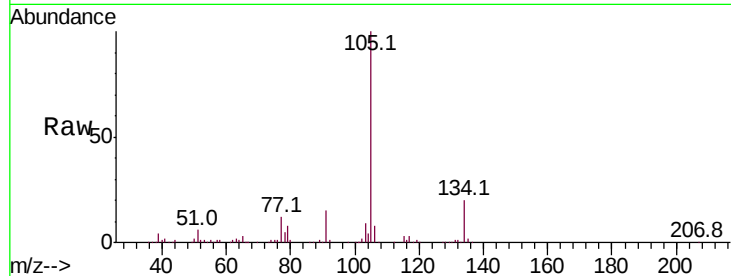
VD0922SBS01

Tot Ion:105 Resp: 429871

Ion Ratio Lower Upper

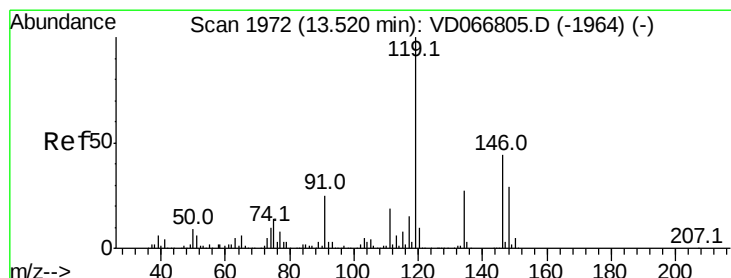
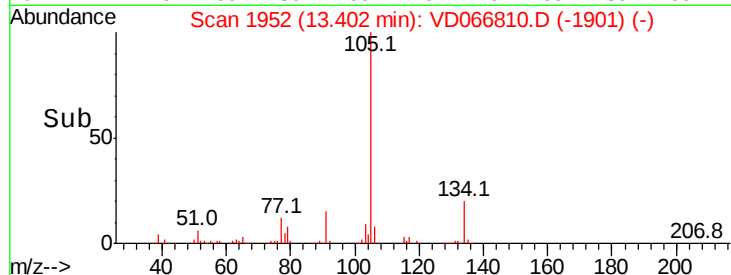
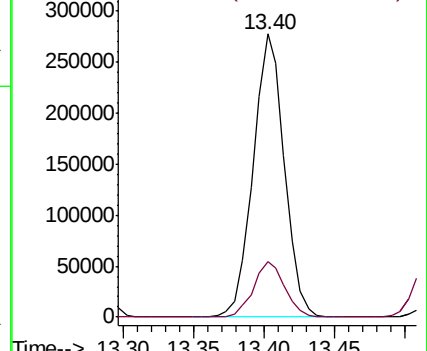
105 100

134 19.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.982 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

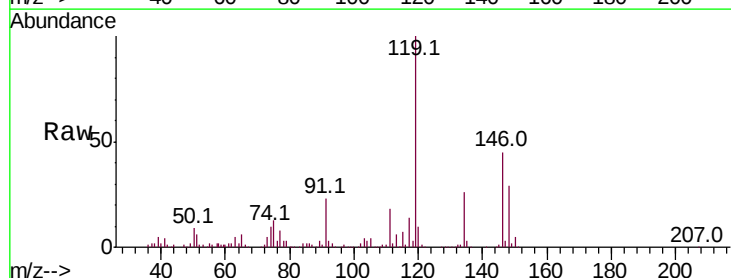
Tgt Ion:119 Resp: 399877

Ion Ratio Lower Upper

119 100

134 25.3 13.0 38.9

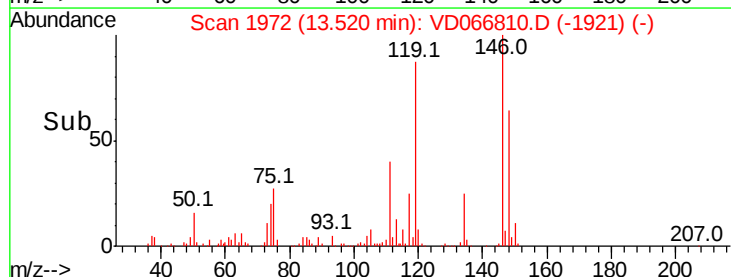
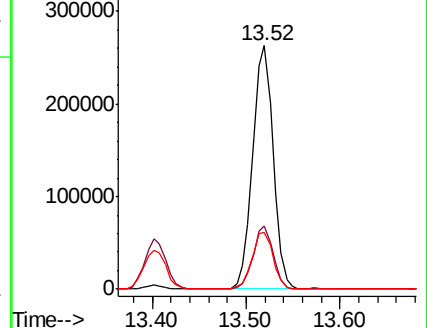
91 23.9 12.0 36.1

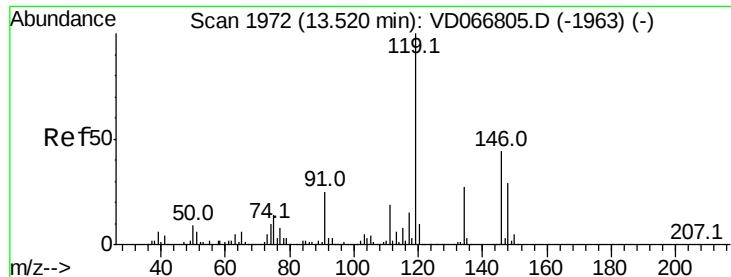


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.060 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

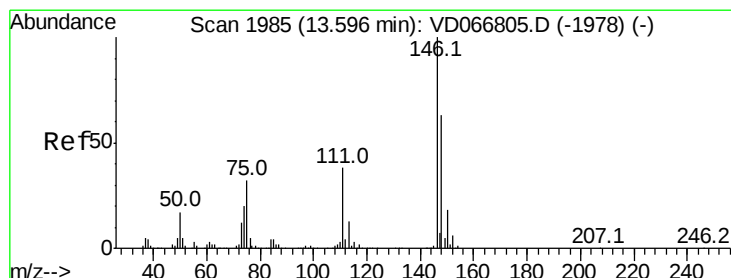
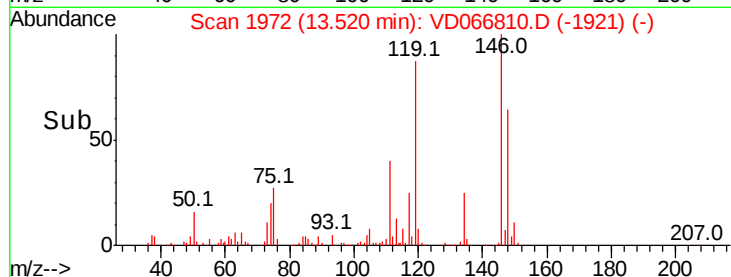
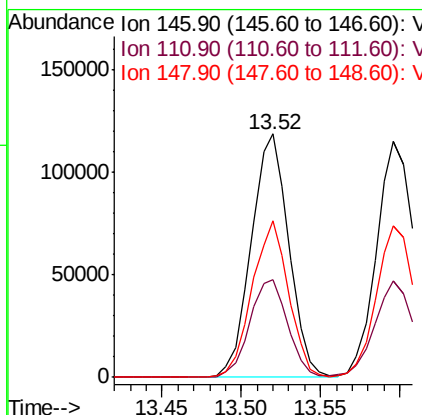
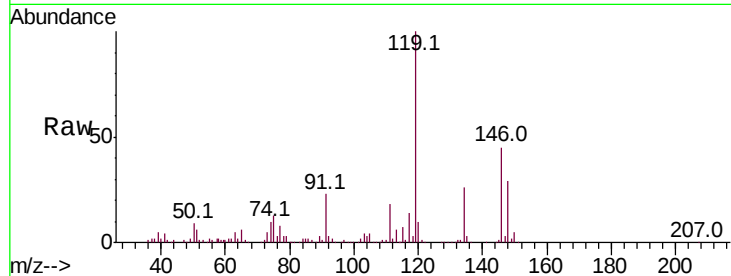
Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Tot Ion:146 Resp: 195450

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	62.5	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.60 min Scan# 1985

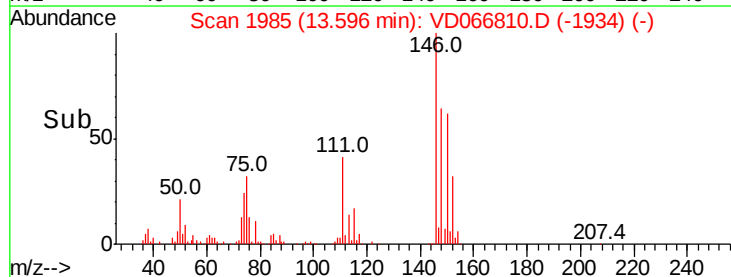
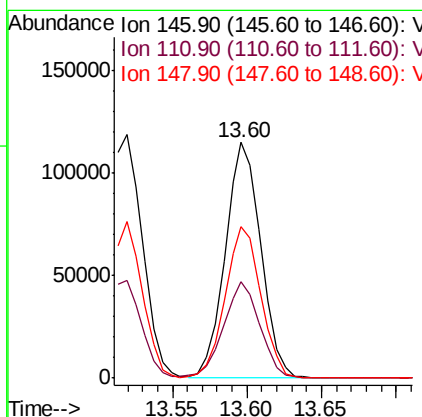
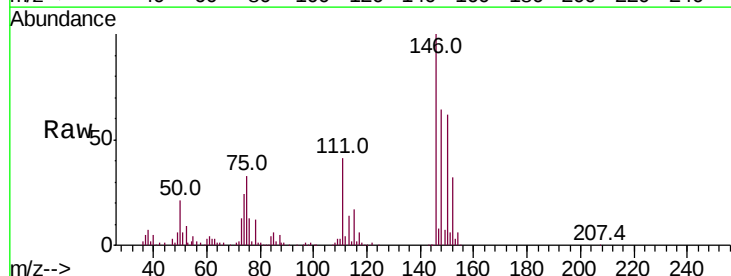
Delta R.T. -0.00 min

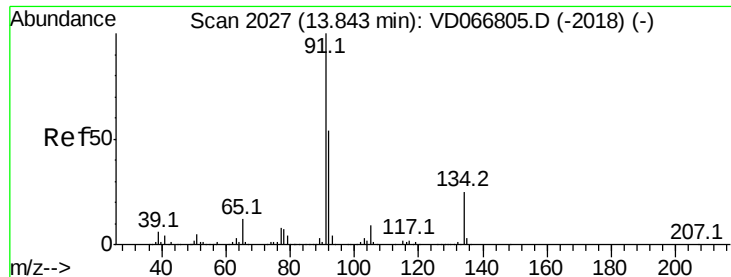
Lab File: VD066810.D

Acq: 22 Sep 2020 14:56

Tgt Ion:146 Resp: 190537

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.5
148	64.9	31.6	94.7

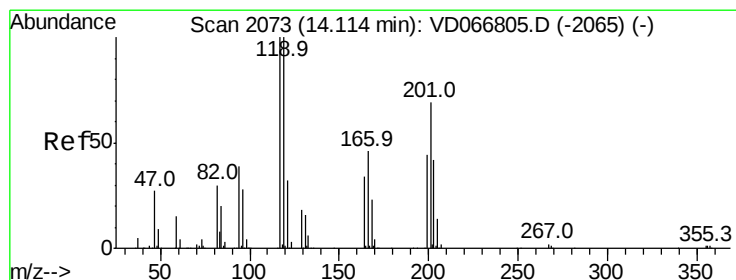
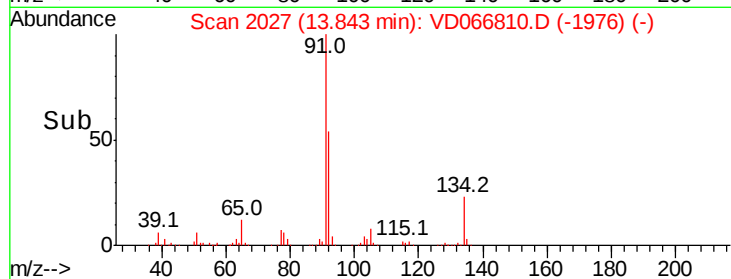
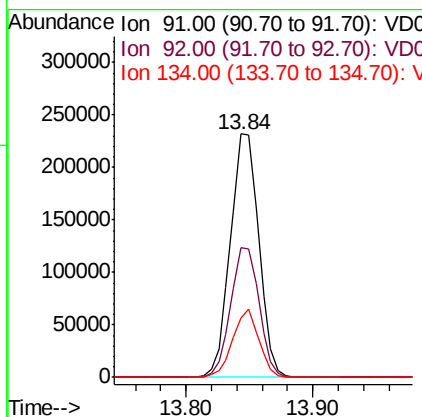
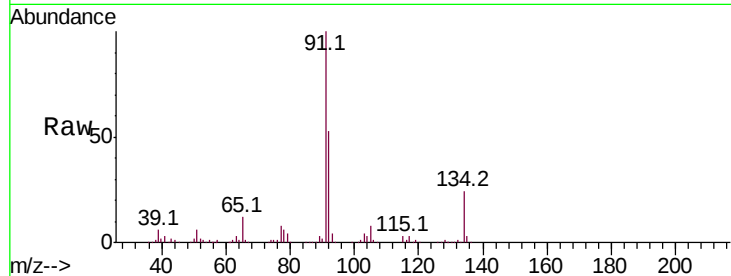




#89
n-Butylbenzene
Concen: 19.904 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

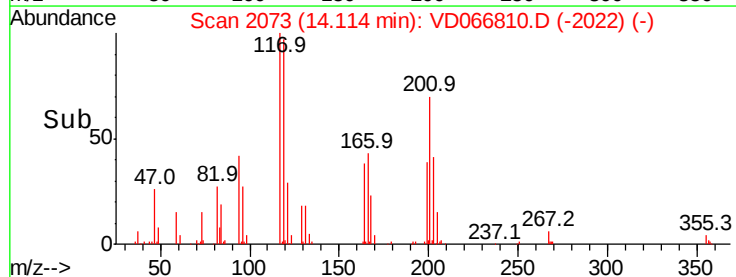
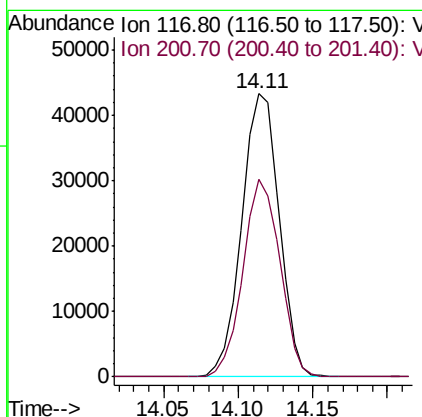
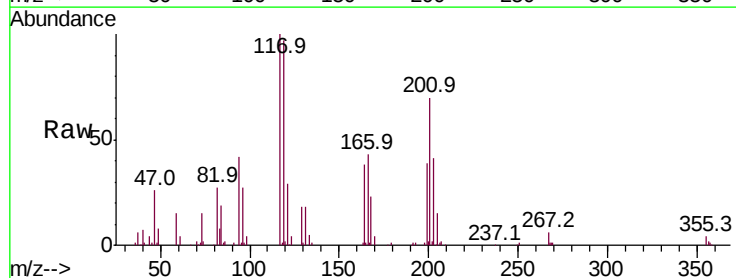
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

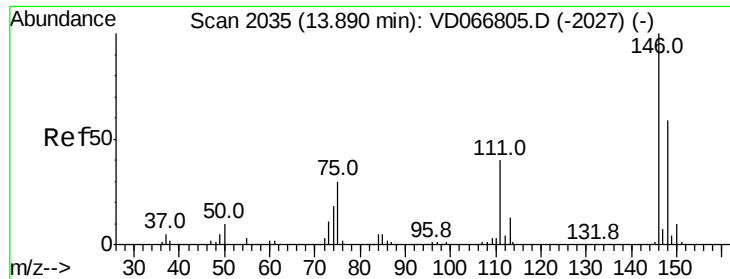
Tot Ion: 91 Resp: 360535
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 25.8 13.1 39.1



#90
Hexachloroethane
Concen: 19.413 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion: 117 Resp: 75111
Ion Ratio Lower Upper
117 100
201 68.8 33.7 101.0

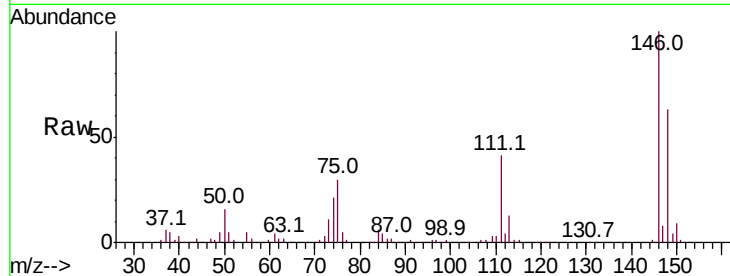




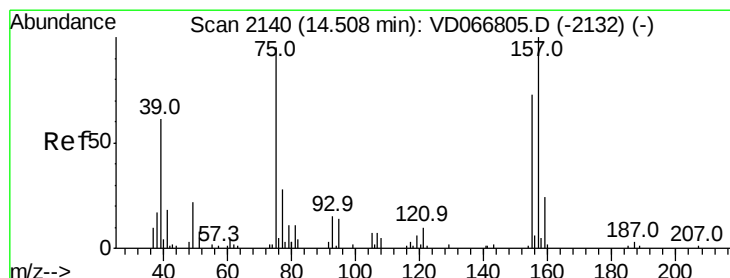
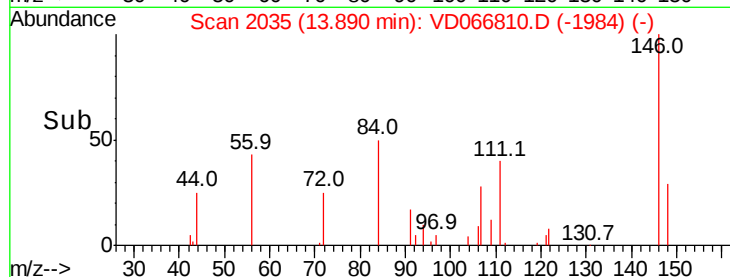
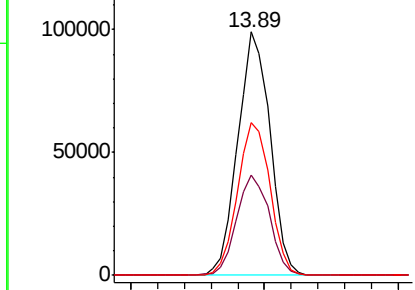
#91
 1,2-Dichlorobenzene
 Concen: 19.887 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	63.2	31.8	95.3

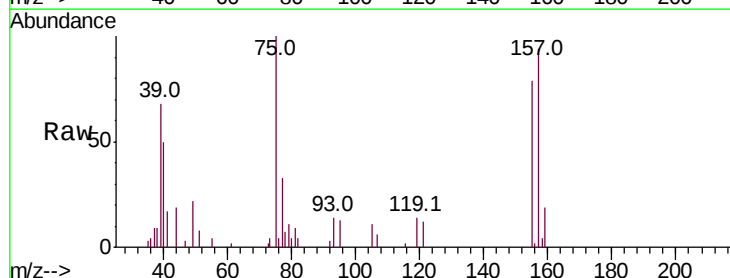


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

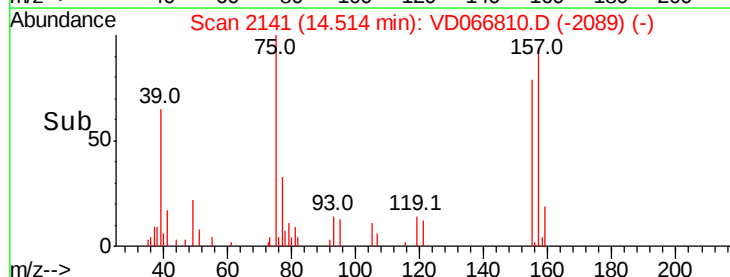
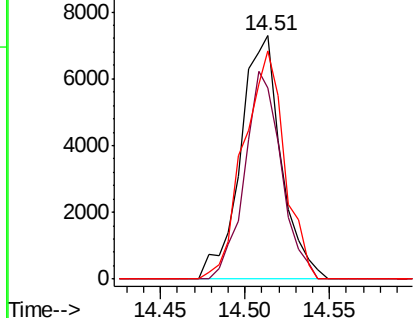


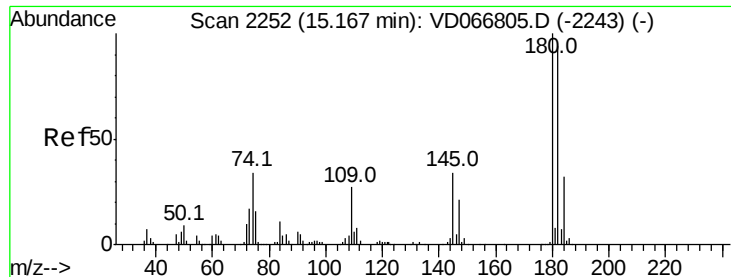
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.833 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.4	121.2
157	94.1	51.3	153.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

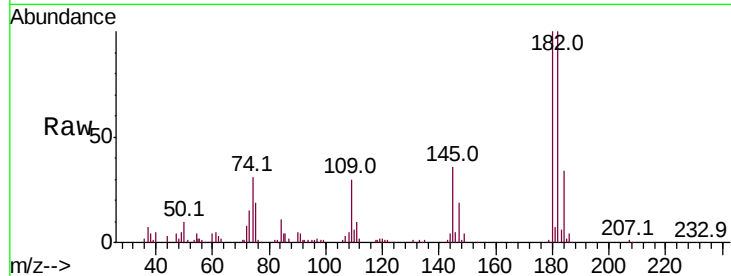




#93
 1,2,4-Trichlorobenzene
 Concen: 18.979 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.8	146.3
145	33.4	16.7	50.0

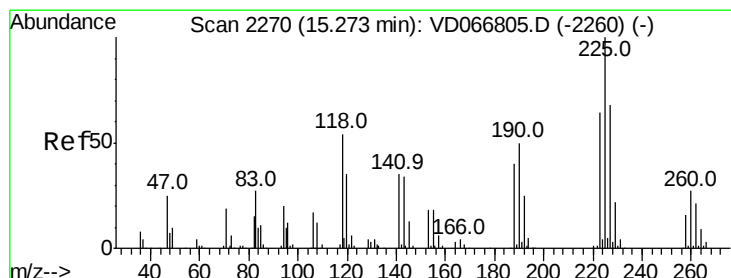
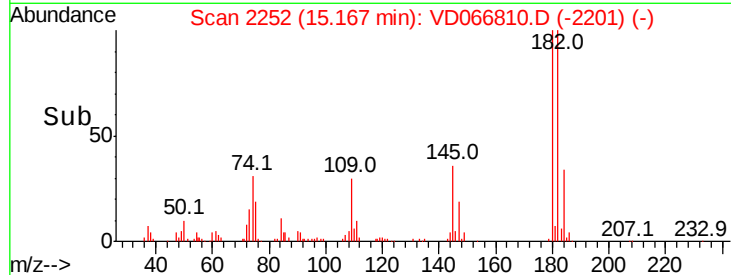
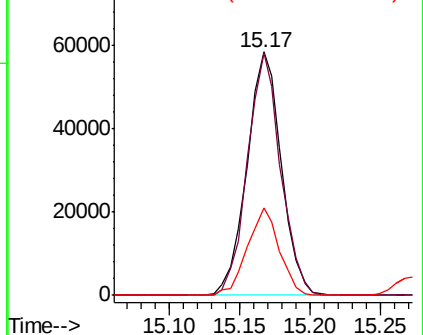


Abundance

Ion 179.80 (179.50 to 180.50): V

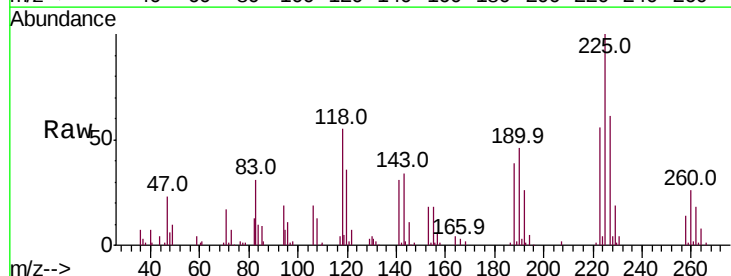
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.340 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066810.D
 Acq: 22 Sep 2020 14:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.1	93.3
227	63.9	31.7	95.1

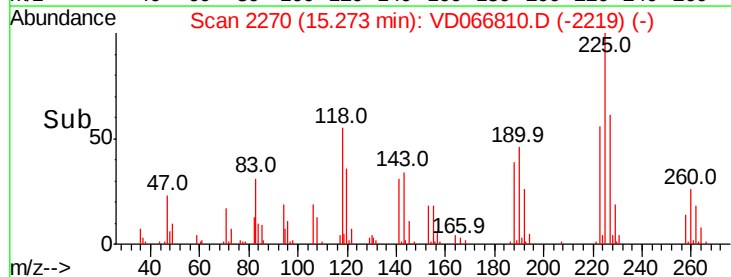
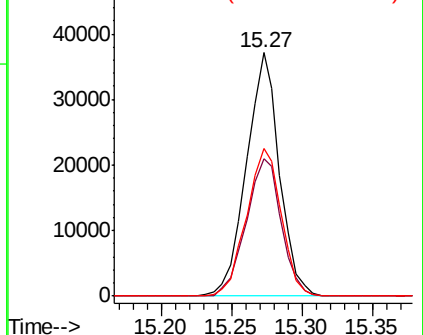


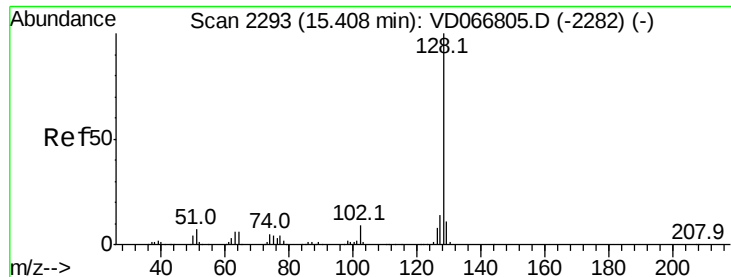
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

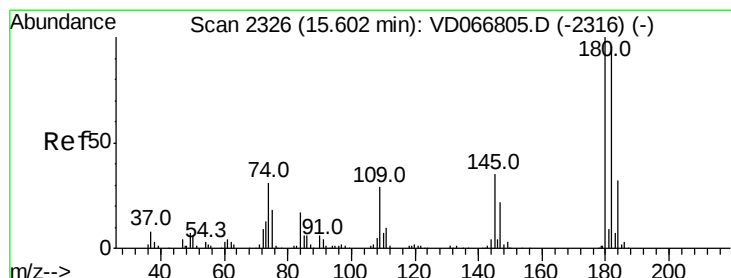
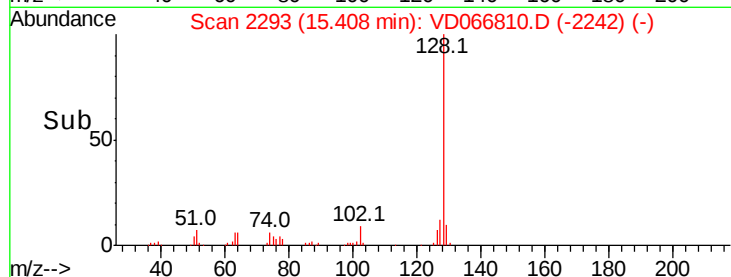
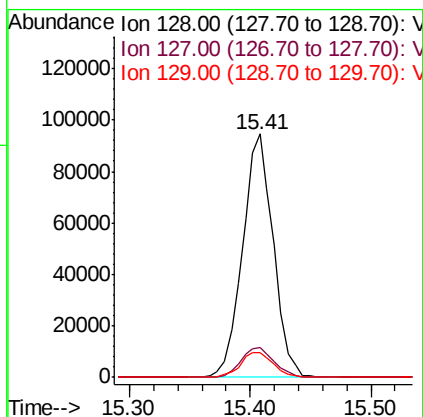
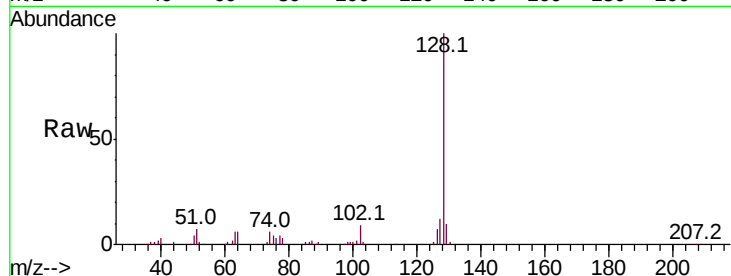




#95
Naphthalene
Concen: 18.778 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBS01

Tot Ion:128 Resp: 167296
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.845 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066810.D
Acq: 22 Sep 2020 14:56

Tgt Ion:180 Resp: 89882
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.3
145 32.3 17.0 51.0

