

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067099.D
 Acq On : 06 Oct 2020 11:16
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Quant Time: Oct 07 01:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	426327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	640145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	588813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	192078	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.91	113	206251	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.34	98	774381	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.63	95	265639	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	88115	22.996	ug/l	96
3) Chloromethane	2.20	50	61619	18.149	ug/l	99
4) Vinyl Chloride	2.35	62	62257	18.287	ug/l	98
5) Bromomethane	2.76	94	46222	18.320	ug/l	98
6) Chloroethane	2.91	64	37186	17.936	ug/l	94
7) Trichlorofluoromethane	3.27	101	148464	19.629	ug/l	99
8) Diethyl Ether	3.71	74	34013	18.134	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	82673	19.338	ug/l	96
10) Methyl Iodide	4.30	142	72776	17.520	ug/l	99
11) Tert butyl alcohol	5.21	59	28339	85.853	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	76221	18.966	ug/l #	86
13) Acrolein	3.92	56	23464	85.336	ug/l	92
14) Allyl chloride	4.71	41	91444	17.515	ug/l	95
15) Acrylonitrile	5.43	53	59347	85.972	ug/l	97
16) Acetone	4.16	43	60173	95.994	ug/l	97
17) Carbon Disulfide	4.40	76	234653	19.025	ug/l	99
18) Methyl Acetate	4.72	43	28097	17.834	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	141232	19.251	ug/l	100
20) Methylene Chloride	4.97	84	100464	17.917	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	90228	19.728	ug/l	94
22) Diisopropyl ether	6.37	45	178851	18.764	ug/l	96
23) Vinyl Acetate	6.30	43	480661	88.993	ug/l	97
24) 1,1-Dichloroethane	6.27	63	139136	18.915	ug/l	97
25) 2-Butanone	7.21	43	75298	84.727	ug/l	93
26) 2,2-Dichloropropane	7.21	77	132419	18.449	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	94051	19.254	ug/l	97
28) Bromochloromethane	7.54	49	50146	17.652	ug/l	91
29) Tetrahydrofuran	7.56	42	45694	89.420	ug/l	96
30) Chloroform	7.71	83	153090	19.185	ug/l	93
31) Cyclohexane	7.98	56	111171	18.027	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	144215	19.501	ug/l	99
36) 1,1-Dichloropropene	8.11	75	118394	19.842	ug/l	98
37) Ethyl Acetate	7.29	43	35347	17.100	ug/l #	95
38) Carbon Tetrachloride	8.10	117	134458	20.827	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	123463	19.571	ug/l	99
40) Benzene	8.35	78	327705	19.773	ug/l	93
41) Methacrylonitrile	7.53	41	21583	19.327	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	90854	19.618	ug/l	99
43) Isopropyl Acetate	8.45	43	68335	17.945	ug/l	97
44) Trichloroethene	9.11	130	100680	20.344	ug/l	89
45) 1,2-Dichloropropane	9.38	63	78984	20.283	ug/l	95
46) Dibromomethane	9.48	93	45129	20.164	ug/l	98
47) Bromodichloromethane	9.66	83	120583	20.726	ug/l	95
48) Methyl methacrylate	9.46	41	34111	17.485	ug/l	86
49) 1,4-Dioxane	9.46	88	9008	385.634	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	178596	94.158	ug/l	99
52) Toluene	10.40	92	223226	20.909	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	103388	19.884	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	125593	19.780	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63832	20.514	ug/l	96
56) Ethyl methacrylate	10.66	69	63270	19.694	ug/l	98
57) 1,3-Dichloropropane	10.94	76	103454	20.502	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	181060	101.259	ug/l	96
59) 2-Hexanone	10.98	43	119572	94.450	ug/l	98
60) Dibromochloromethane	11.14	129	87050	20.989	ug/l	97
61) 1,2-Dibromoethane	11.25	107	61715	20.644	ug/l	97
64) Tetrachloroethene	10.87	164	89461	20.899	ug/l	94
65) Chlorobenzene	11.67	112	234567	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	94608	21.238	ug/l	98
67) Ethyl Benzene	11.74	91	410463	20.456	ug/l	100
68) m/p-Xylenes	11.86	106	325992	41.689	ug/l	100
69) o-Xylene	12.18	106	144411	20.651	ug/l	96
70) Styrene	12.20	104	254170	21.167	ug/l	100
71) Bromoform	12.37	173	49128	21.246	ug/l #	97
73) Isopropylbenzene	12.48	105	404056	20.434	ug/l	100
74) N-amyl acetate	12.28	43	65049	18.300	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	64757	19.437	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	84853	33.452	ug/l #	100
77) Bromobenzene	12.76	156	98240	20.576	ug/l	96
78) n-propylbenzene	12.82	91	469644	20.097	ug/l	99
79) 2-Chlorotoluene	12.91	91	267306	19.992	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	346949	20.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19994	19.652	ug/l	97
82) 4-Chlorotoluene	13.01	91	289535	20.353	ug/l	99
83) tert-Butylbenzene	13.23	119	282082	20.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	347900	20.867	ug/l	98
85) sec-Butylbenzene	13.41	105	402510	20.317	ug/l	100
86) p-Isopropyltoluene	13.52	119	382198	20.808	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	193351	20.790	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	190766	20.515	ug/l	99
89) n-Butylbenzene	13.85	91	334529	19.928	ug/l	99
90) Hexachloroethane	14.11	117	62531	19.435	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	164612	20.267	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9806	18.259	ug/l	89

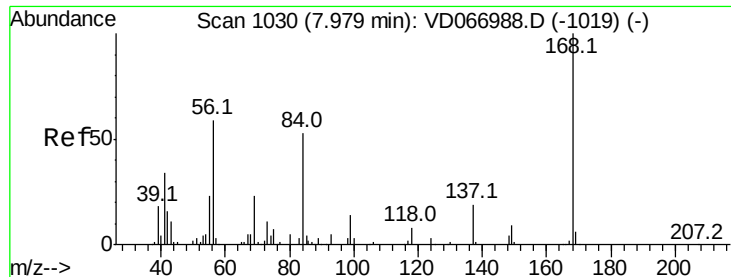
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
Data File : VD067099.D
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	110346	21.004	ug/l	99
94) Hexachlorobutadiene	15.28	225	66247	20.532	ug/l	100
95) Naphthalene	15.41	128	174035	19.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	91015	19.957	ug/l	95

(#) = 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: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

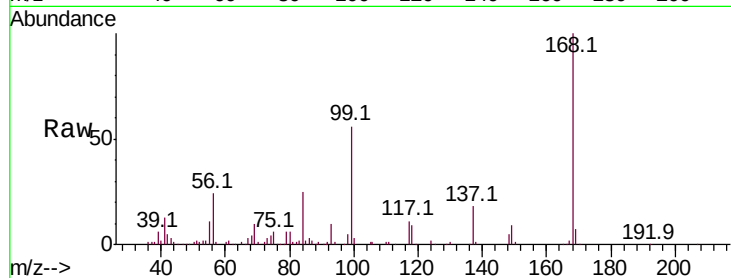
VD1006SBSD01

Tot Ion:168 Resp: 426327

Ion Ratio Lower Upper

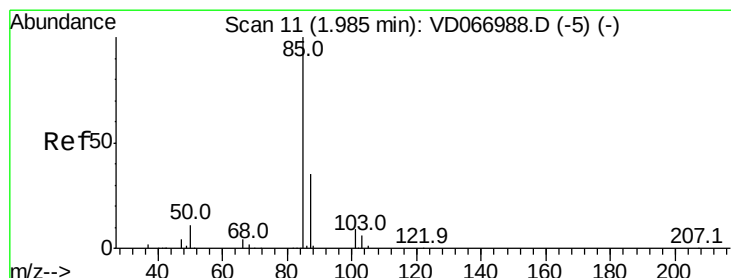
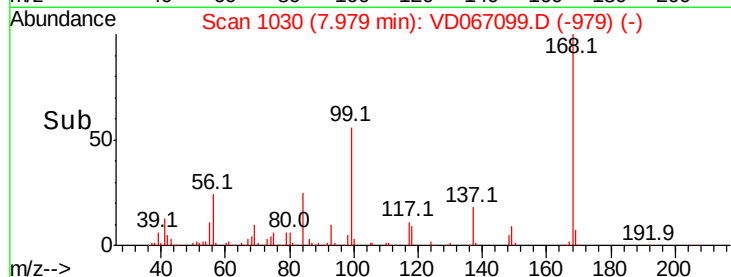
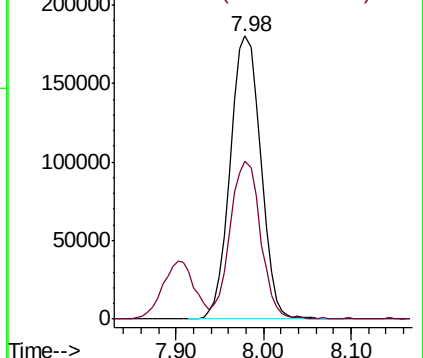
168 100

99 55.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.996 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067099.D

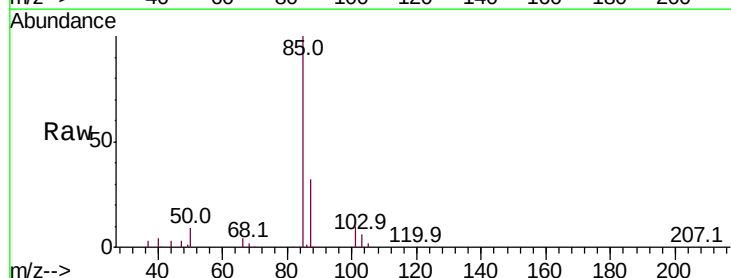
Acq: 06 Oct 2020 11:16

Tgt Ion: 85 Resp: 88115

Ion Ratio Lower Upper

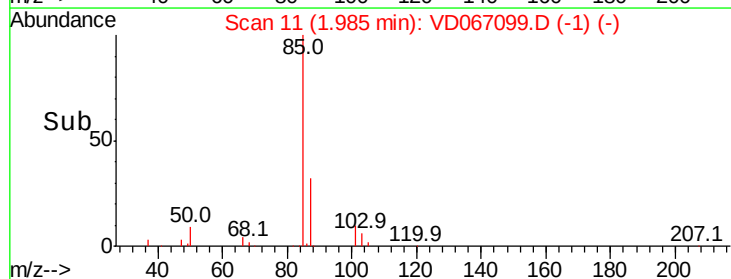
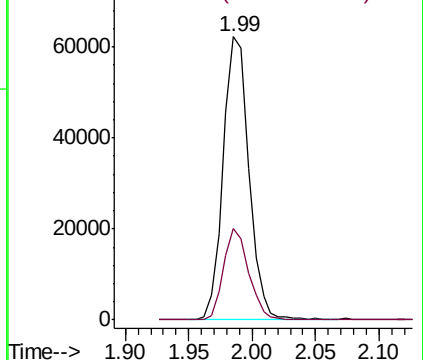
85 100

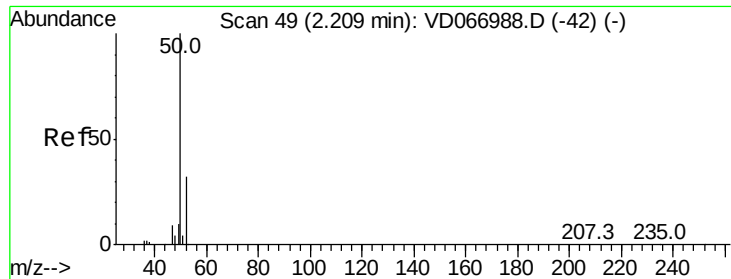
87 32.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.149 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

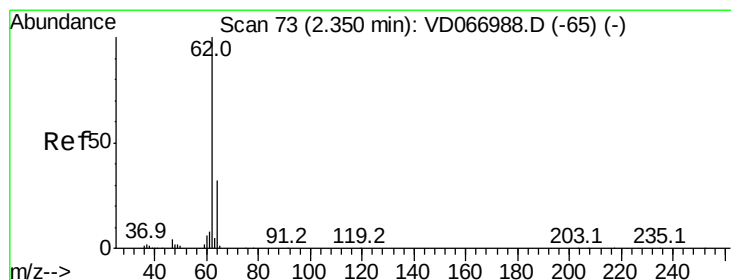
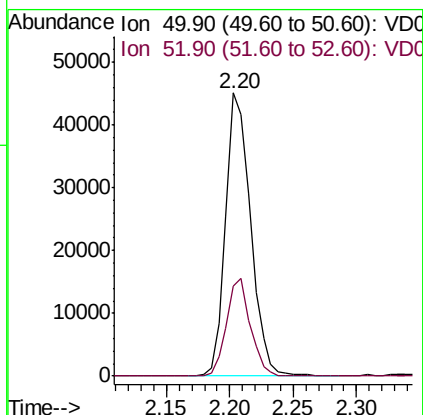
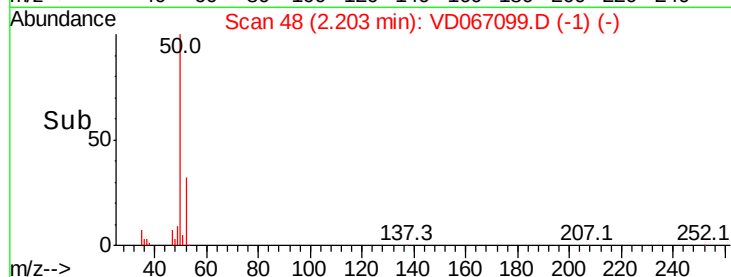
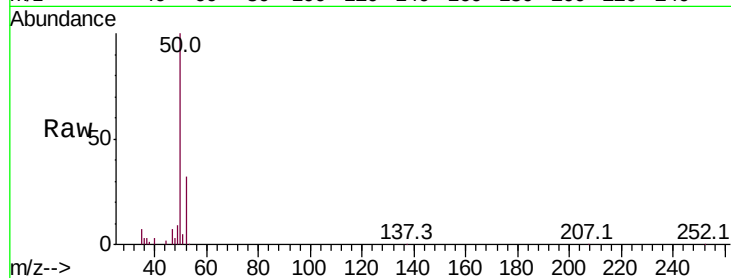
VD1006SBSD01

Tot Ion: 50 Resp: 61619

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



#4

Vinyl Chloride

Concen: 18.287 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067099.D

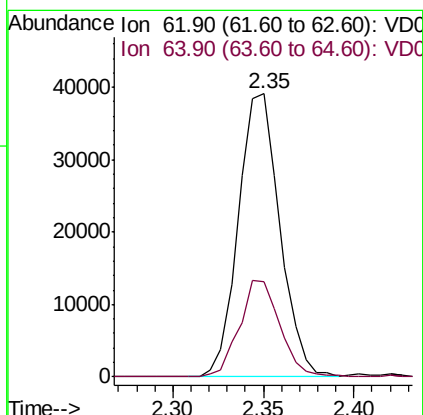
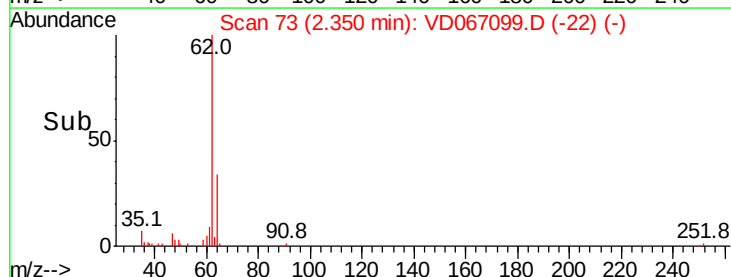
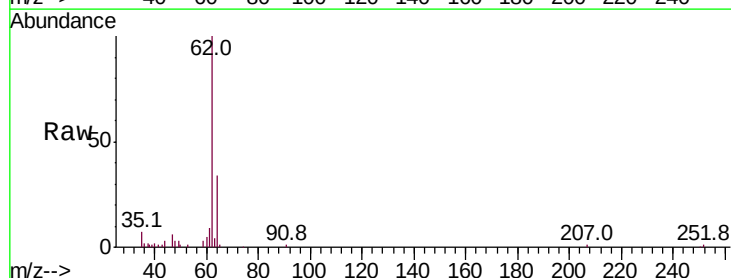
Acq: 06 Oct 2020 11:16

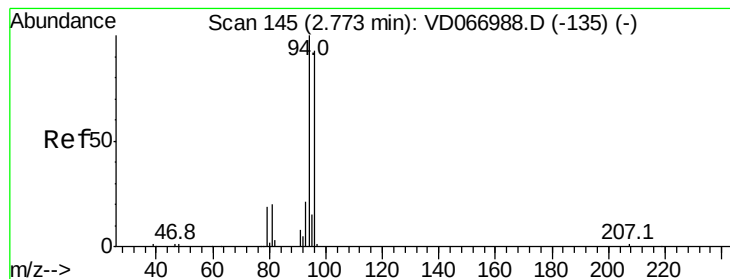
Tgt Ion: 62 Resp: 62257

Ion Ratio Lower Upper

62 100

64 33.5 25.8 38.8





#5

Bromomethane

Concen: 18.320 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

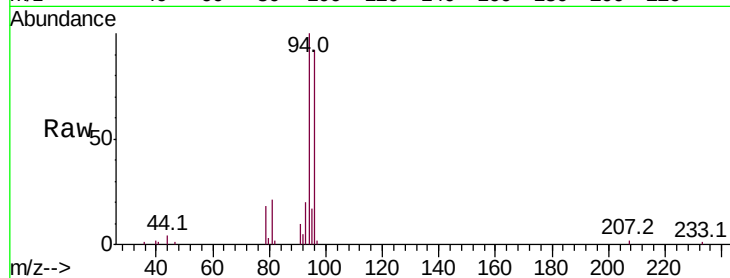
VD1006SBSD01

Tot Ion: 94 Resp: 46222

Ion Ratio Lower Upper

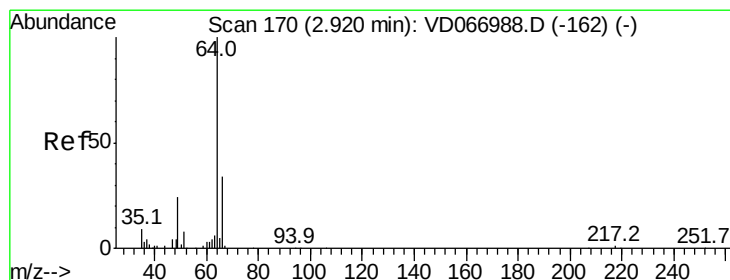
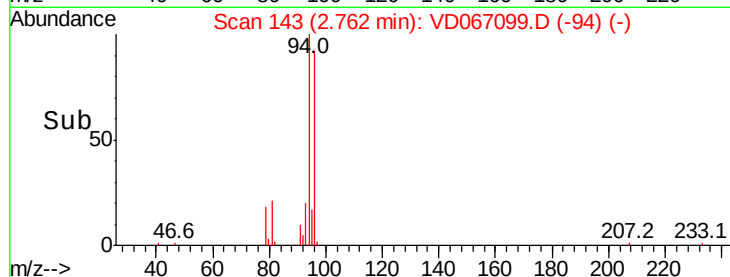
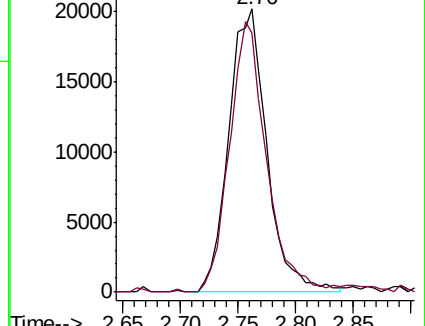
94 100

96 91.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.936 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067099.D

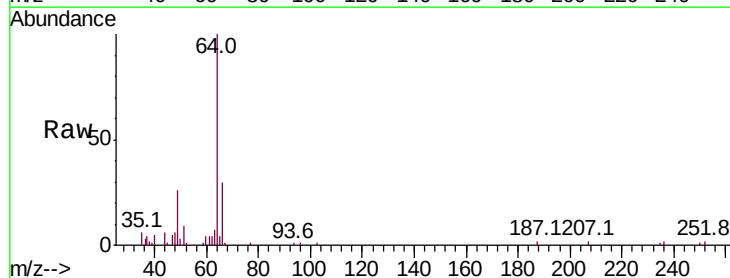
Acq: 06 Oct 2020 11:16

Tgt Ion: 64 Resp: 37186

Ion Ratio Lower Upper

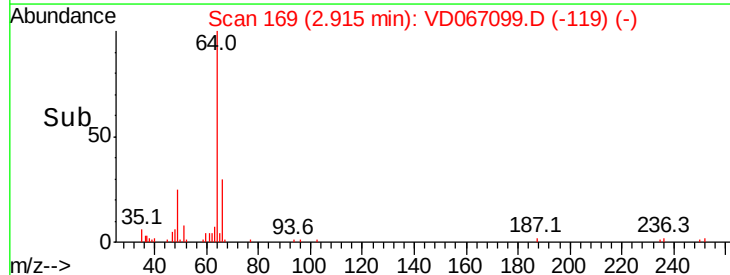
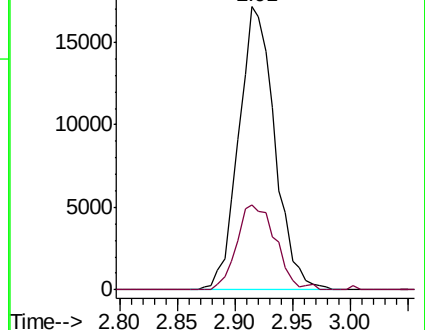
64 100

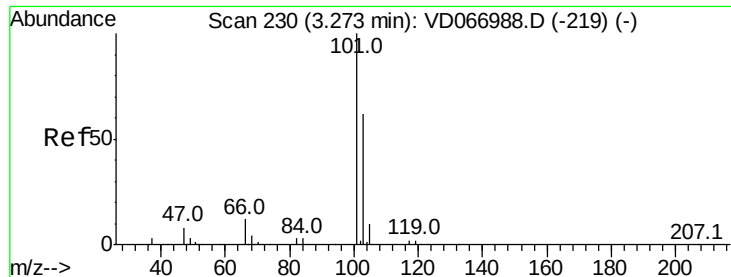
66 30.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



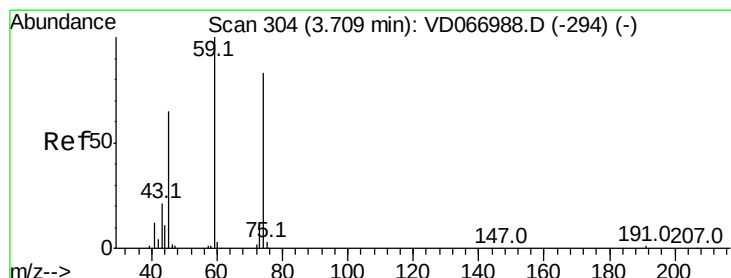
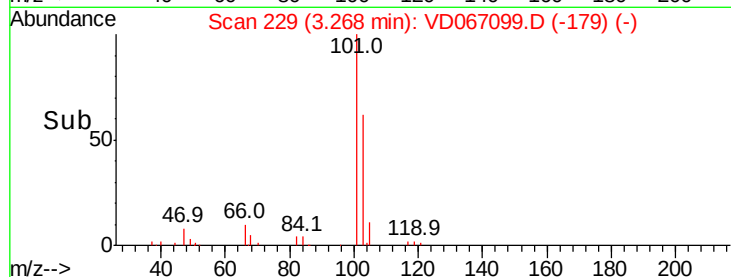
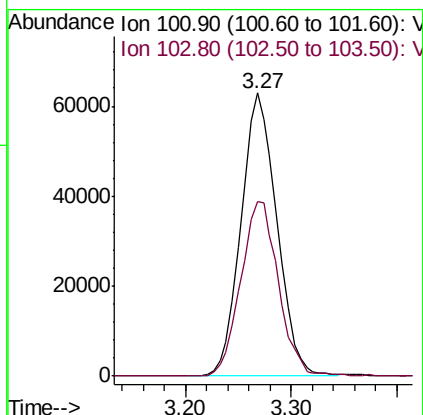
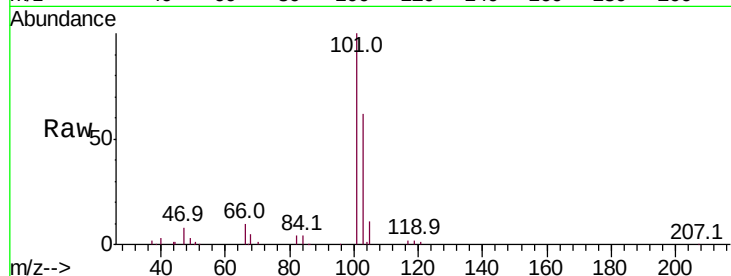


#7

Trichlorofluoromethane
Concen: 19.629 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

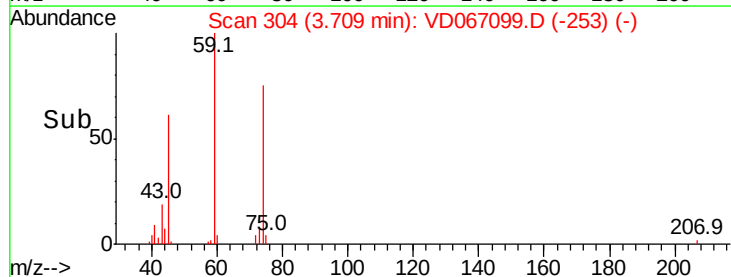
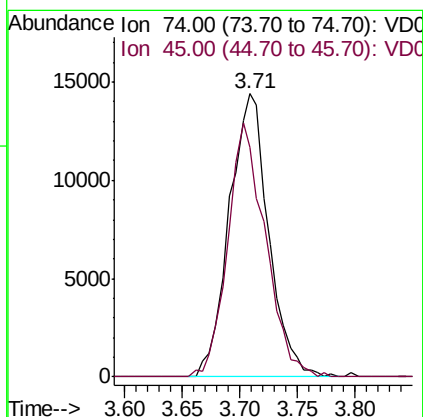
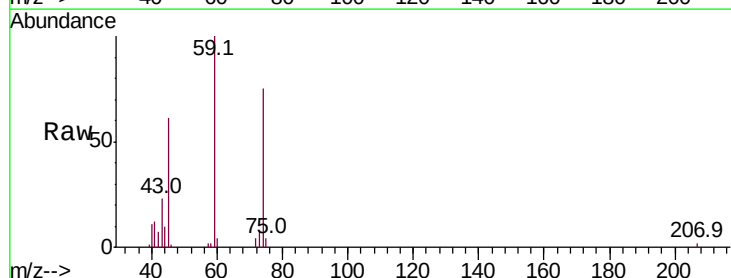
Tot Ion:101 Resp: 148464
Ion Ratio Lower Upper
101 100
103 61.4 49.8 74.8

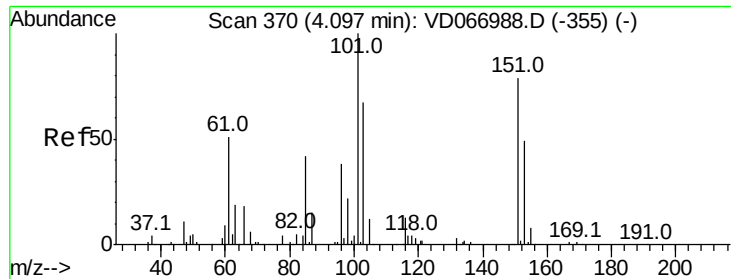


#8

Diethyl Ether
Concen: 18.134 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 74 Resp: 34013
Ion Ratio Lower Upper
74 100
45 86.4 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.338 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

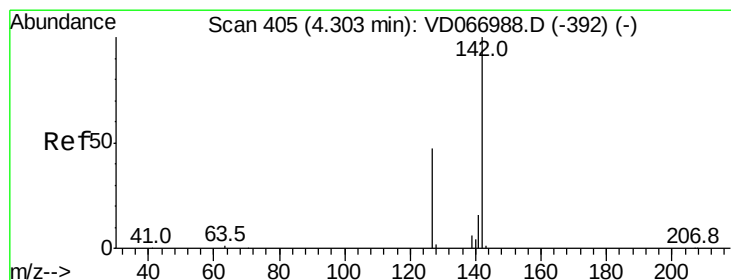
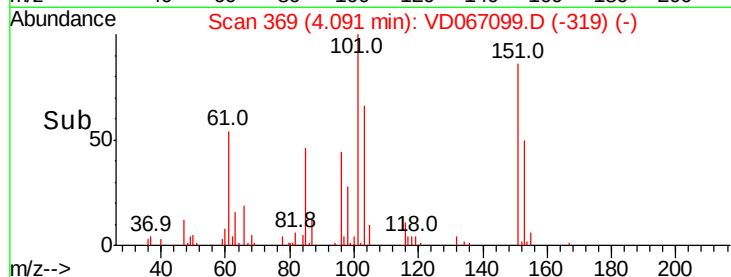
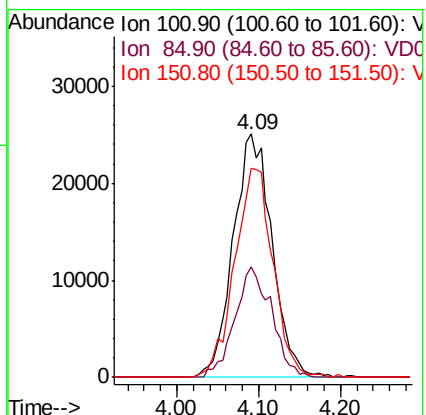
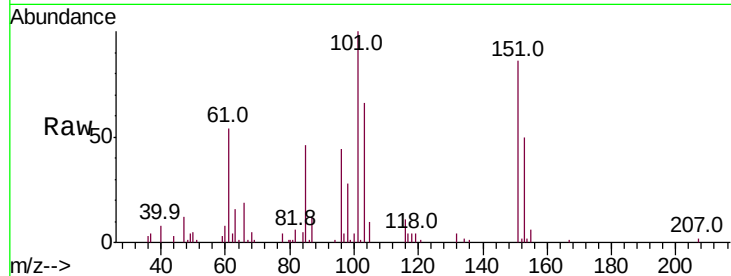
Tot Ion:101 Resp: 82673

Ion Ratio Lower Upper

101 100

85 42.7 33.8 50.8

151 84.8 63.8 95.8



#10

Methyl Iodide

Concen: 17.520 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

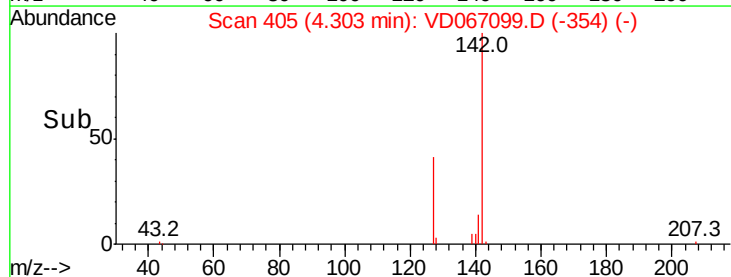
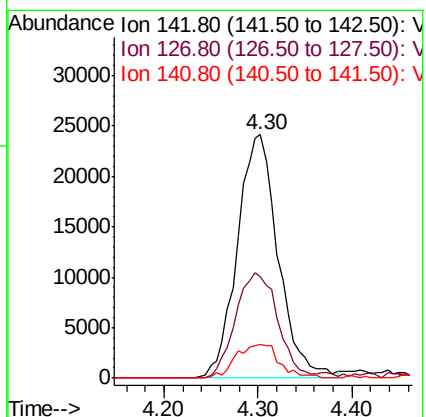
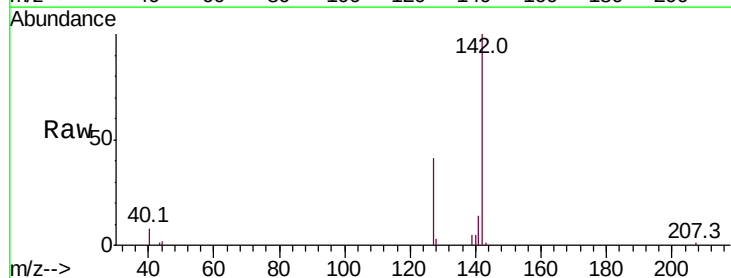
Tgt Ion:142 Resp: 72776

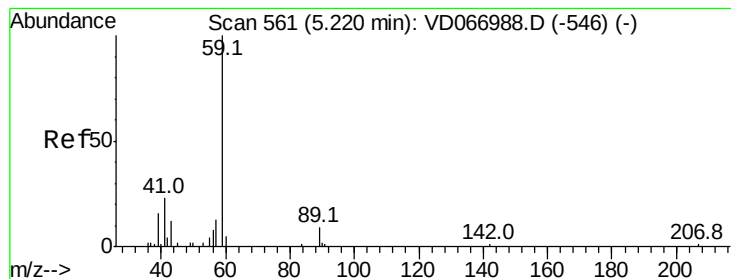
Ion Ratio Lower Upper

142 100

127 44.7 36.3 54.5

141 14.9 12.0 18.0





#11

Tert butyl alcohol

Concen: 85.853 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

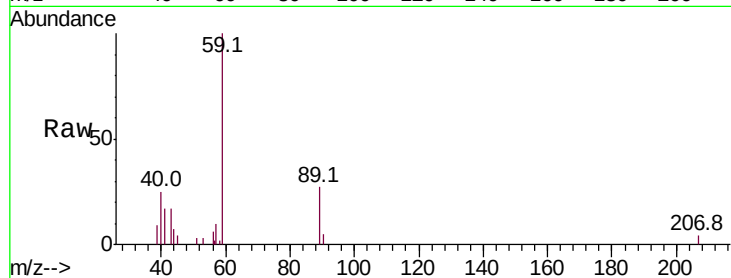
VD1006SBSD01

Tot Ion: 59 Resp: 28339

Ion Ratio Lower Upper

59 100

57 7.9 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

8000

6000

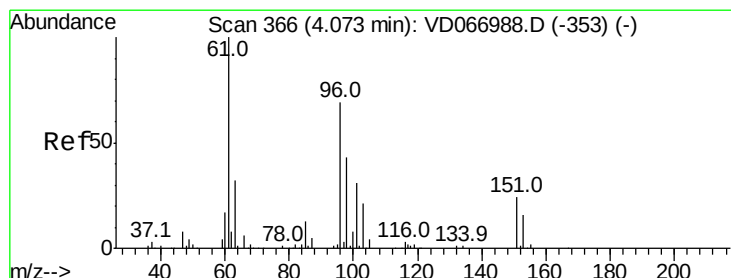
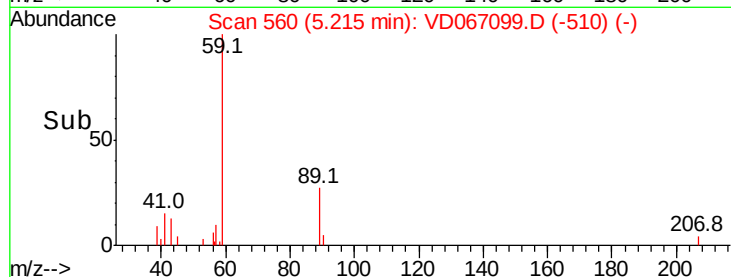
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 18.966 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

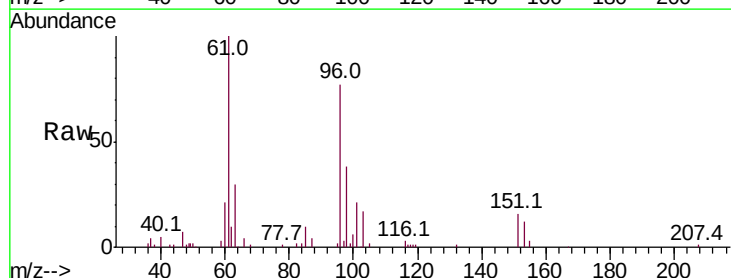
Tgt Ion: 96 Resp: 76221

Ion Ratio Lower Upper

96 100

61 129.6 116.4 174.6

98 49.9 49.9 74.9#



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

50000

40000

30000

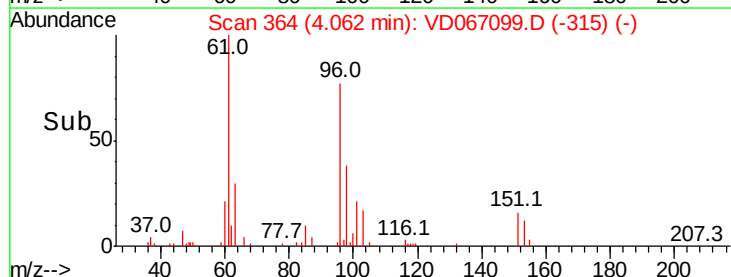
20000

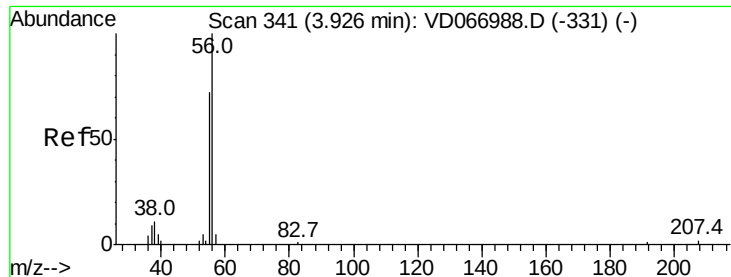
10000

0

Time-->

4.00 4.10





#13

Acrolein

Concen: 85.336 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

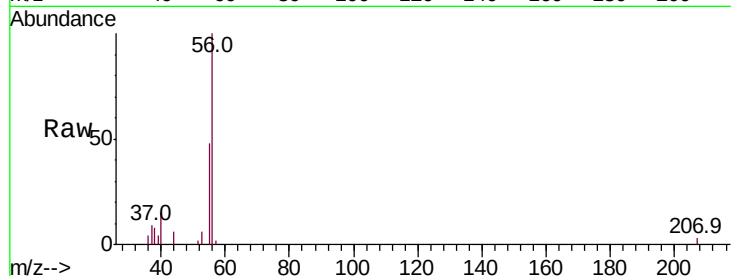
VD1006SBSD01

Tot Ion: 56 Resp: 23464

Ion Ratio Lower Upper

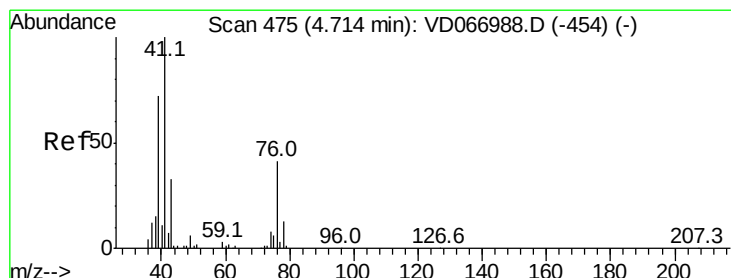
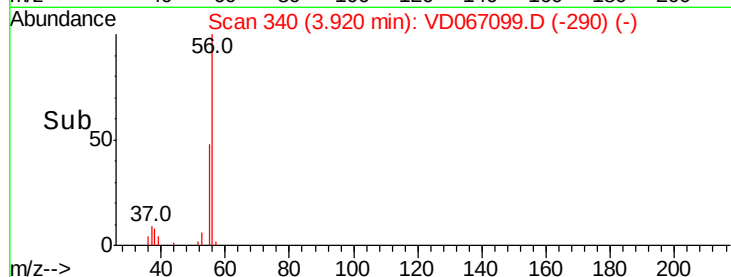
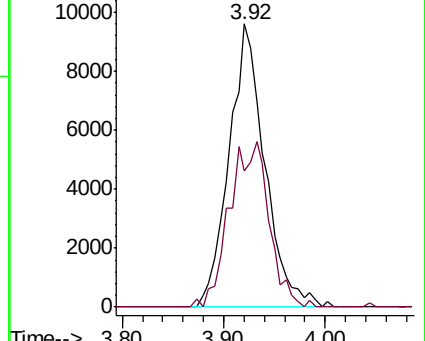
56 100

55 64.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.515 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

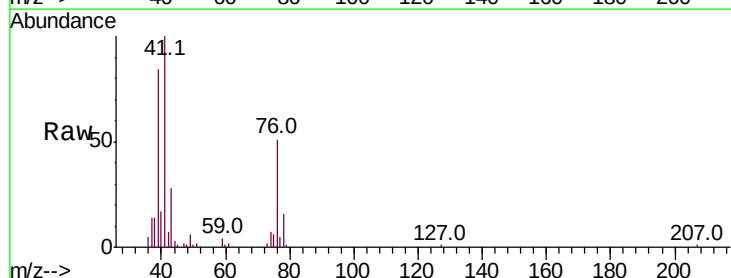
Tgt Ion: 41 Resp: 91444

Ion Ratio Lower Upper

41 100

39 73.9 56.2 84.2

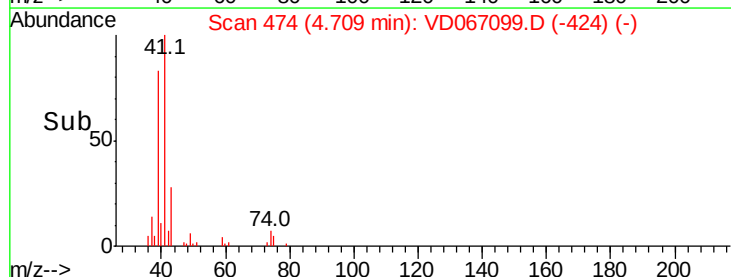
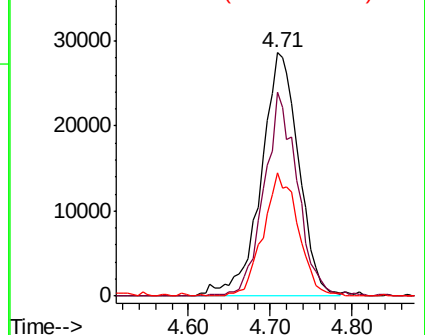
76 46.8 34.2 51.2

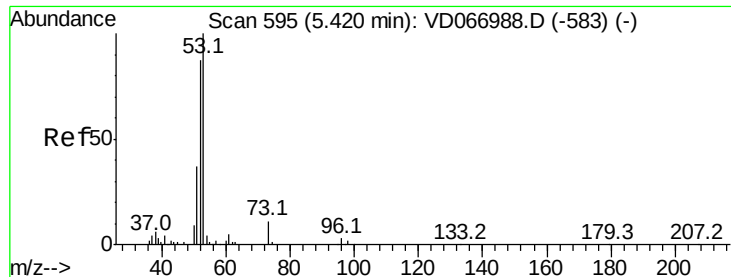


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 85.972 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

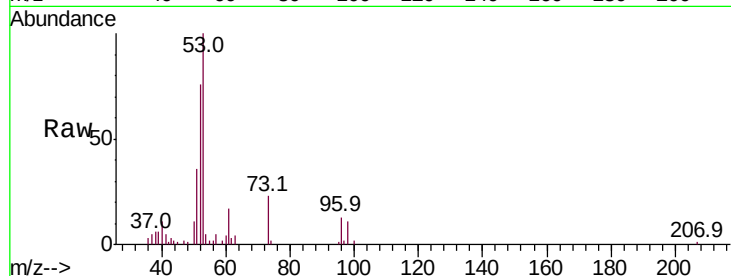
Tot Ion: 53 Resp: 59347

Ion Ratio Lower Upper

53 100

52 86.9 67.3 100.9

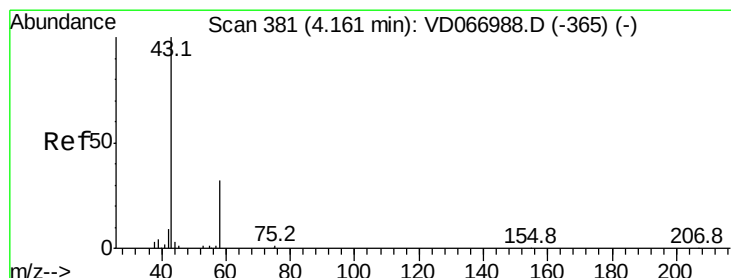
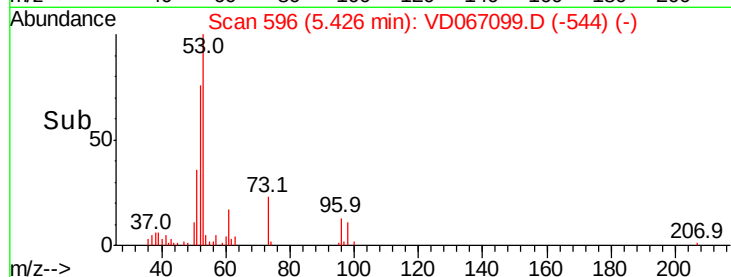
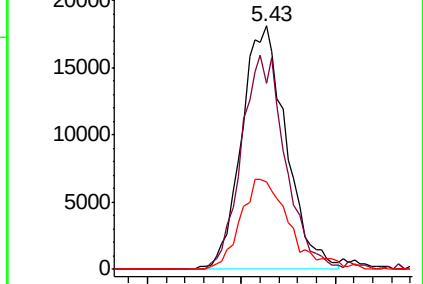
51 38.9 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 95.994 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067099.D

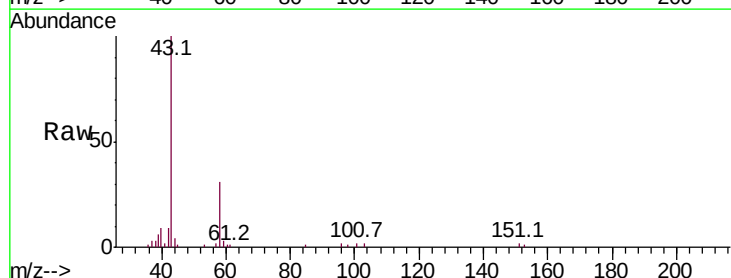
Acq: 06 Oct 2020 11:16

Tgt Ion: 43 Resp: 60173

Ion Ratio Lower Upper

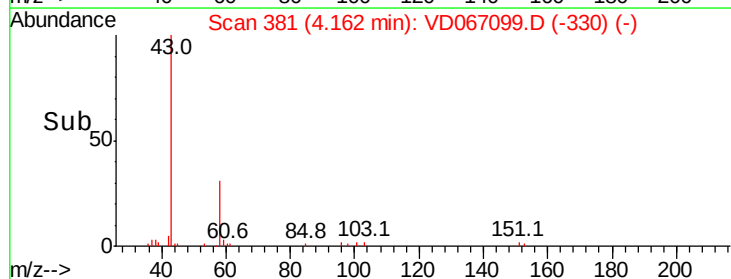
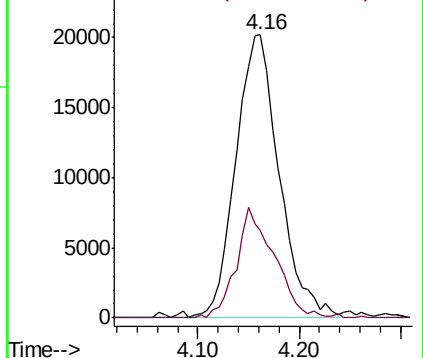
43 100

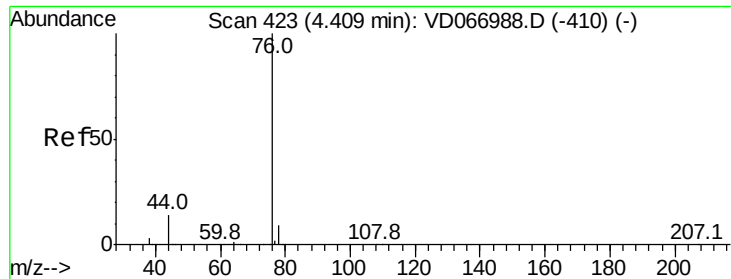
58 30.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

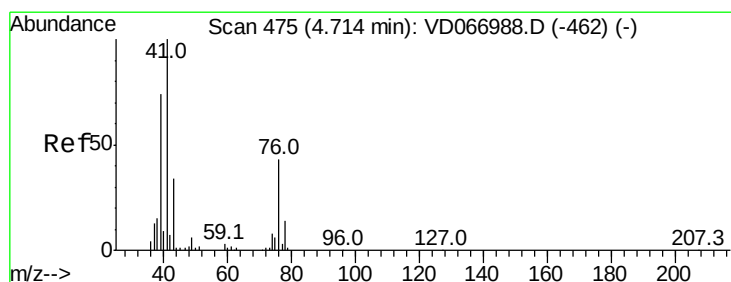
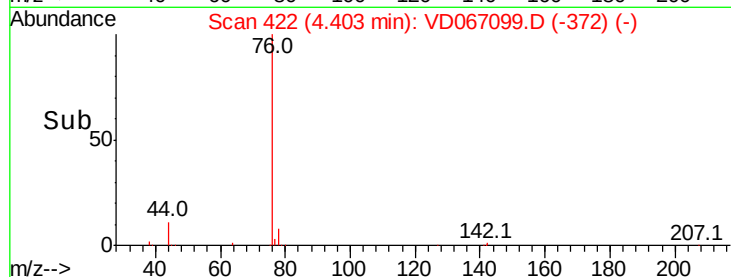
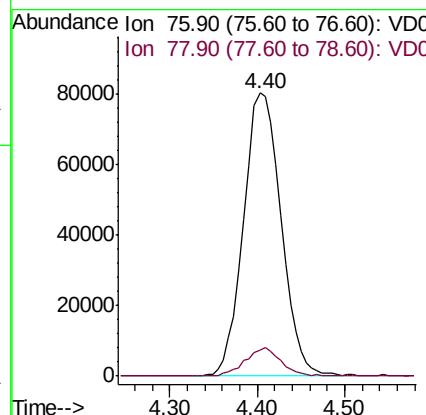
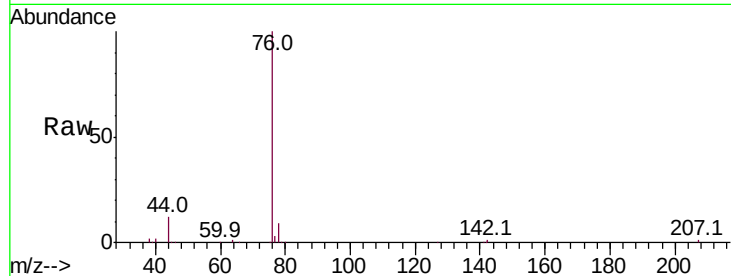




#17
Carbon Disulfide
Concen: 19.025 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

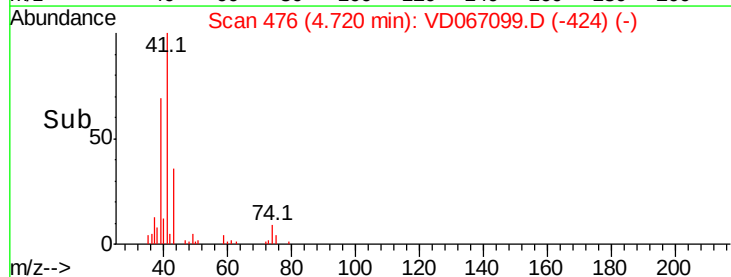
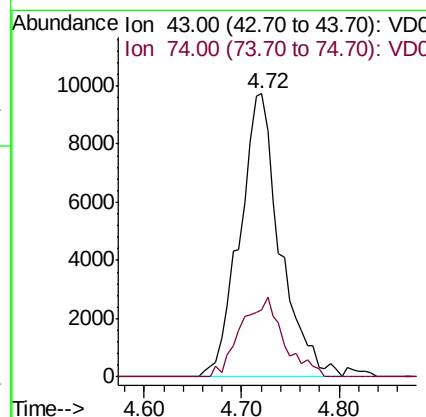
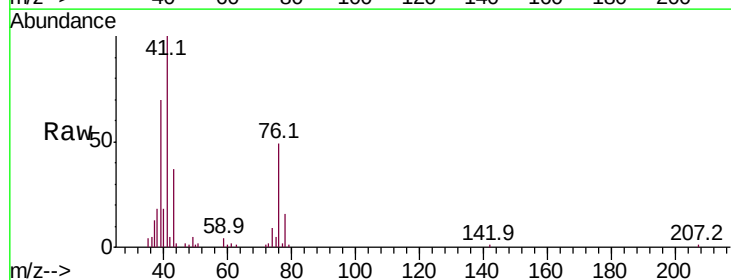
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

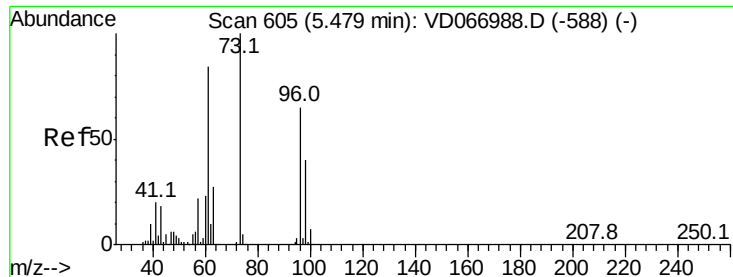
Tot Ion: 76 Resp: 234653
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 17.834 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 43 Resp: 28097
Ion Ratio Lower Upper
43 100
74 29.8 21.5 32.3

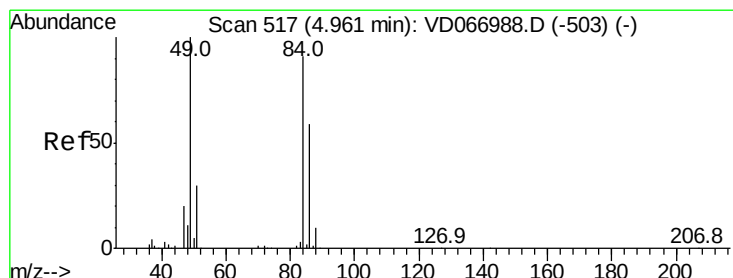
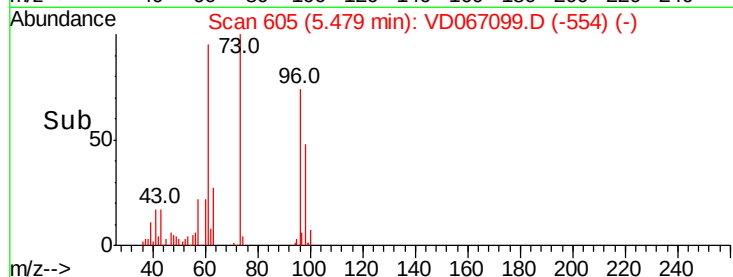
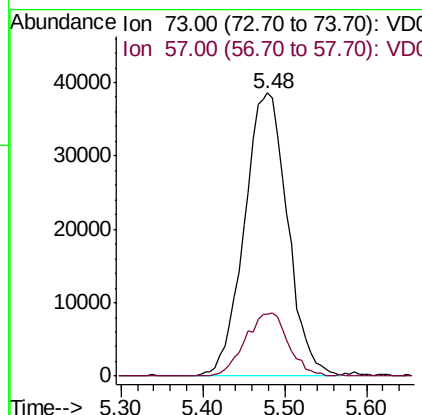
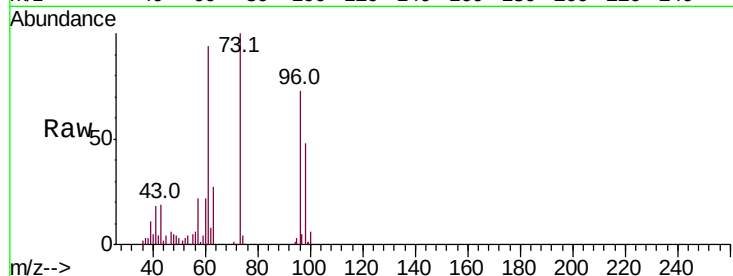




#19
Methyl tert-butyl Ether
Concen: 19.251 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

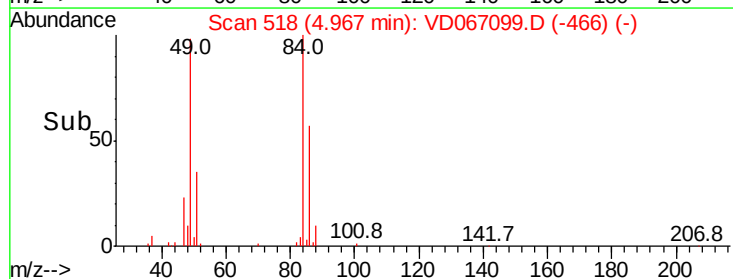
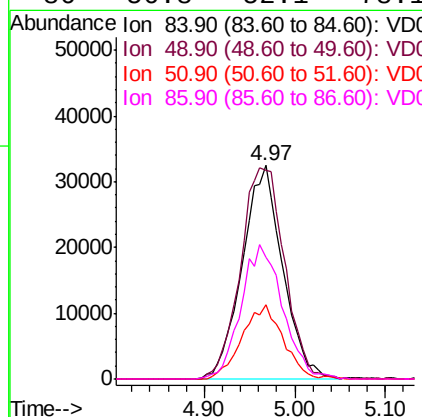
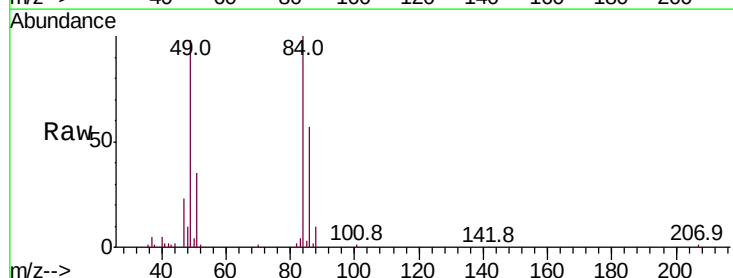
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

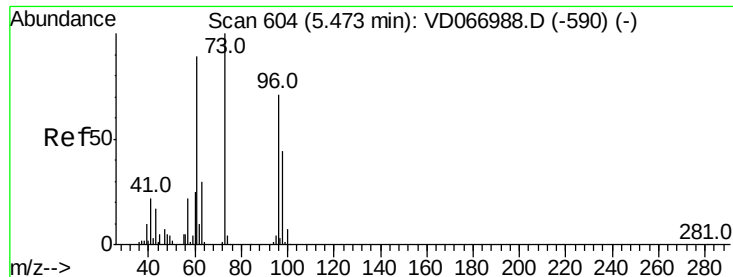
Tot Ion: 73 Resp: 141232
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 17.917 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 84 Resp: 100464
Ion Ratio Lower Upper
84 100
49 97.7 88.2 132.2
51 34.8 26.6 39.8
86 56.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.728 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

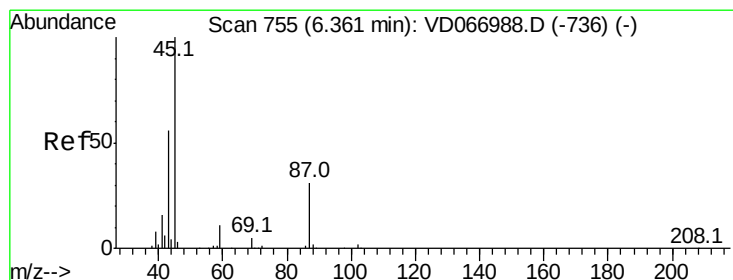
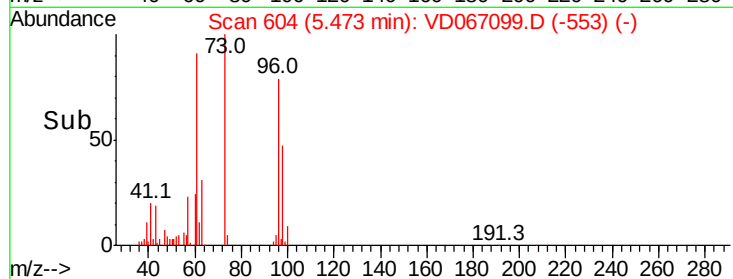
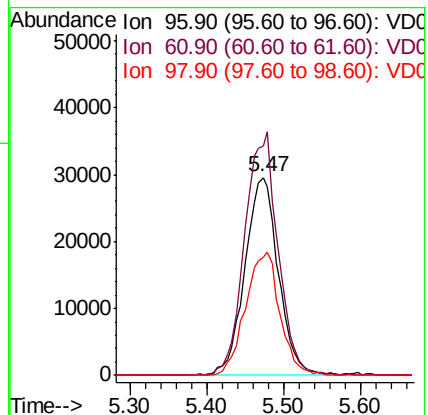
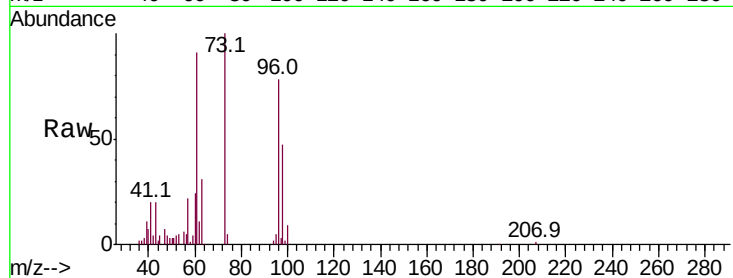
Tot Ion: 96 Resp: 90228

Ion Ratio Lower Upper

96 100

61 116.2 99.6 149.4

98 59.6 49.4 74.2



#22

Diisopropyl ether

Concen: 18.764 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Tgt Ion: 45 Resp: 178851

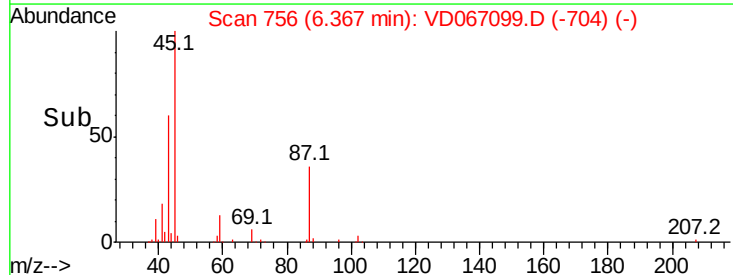
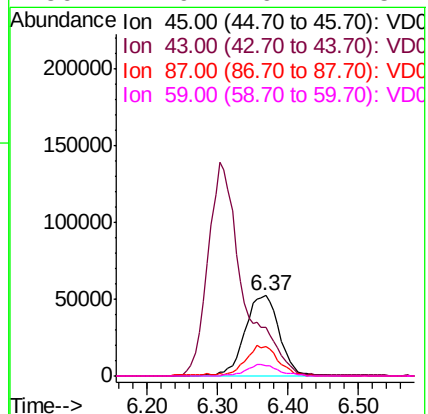
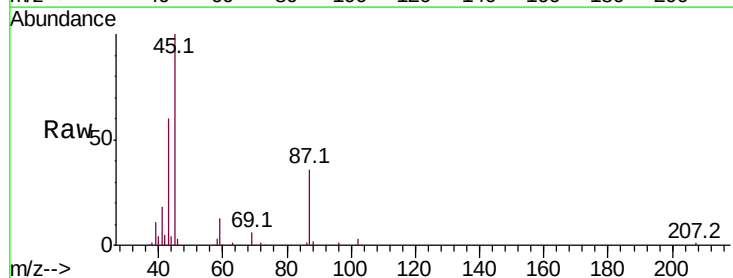
Ion Ratio Lower Upper

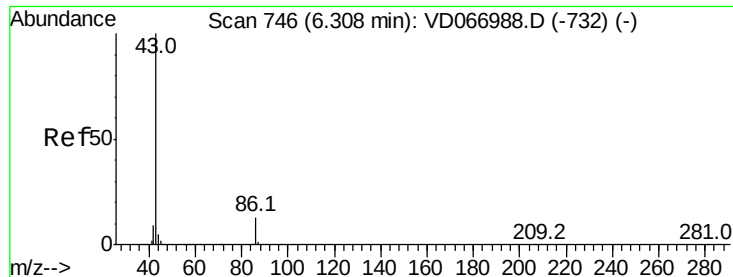
45 100

43 57.7 45.2 67.8

87 36.3 25.6 38.4

59 12.9 9.1 13.7





#23

Vinyl Acetate

Concen: 88.993 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

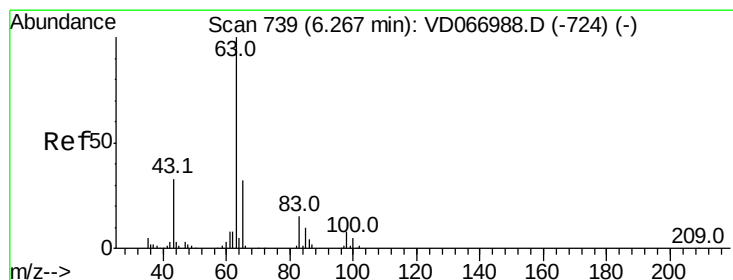
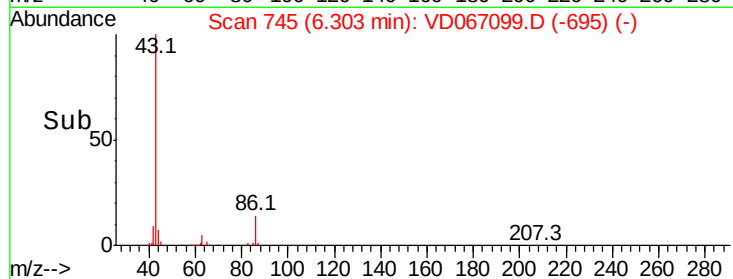
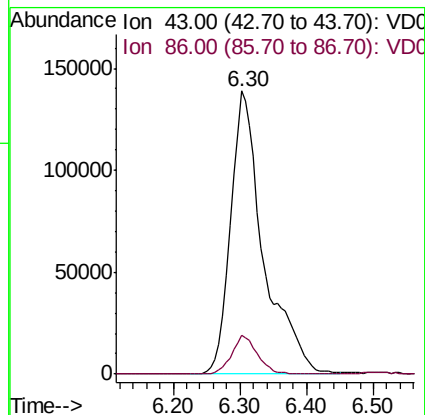
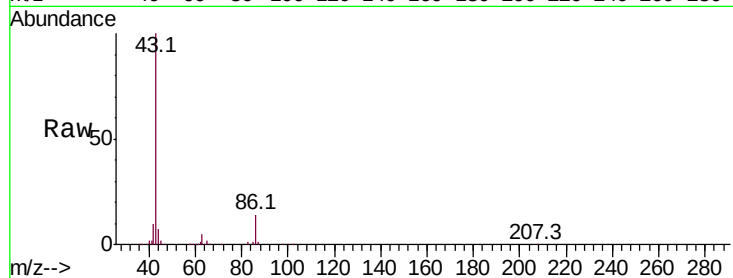
VD1006SBS01

Tot Ion: 43 Resp: 480661

Ion Ratio Lower Upper

43 100

86 13.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 18.915 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

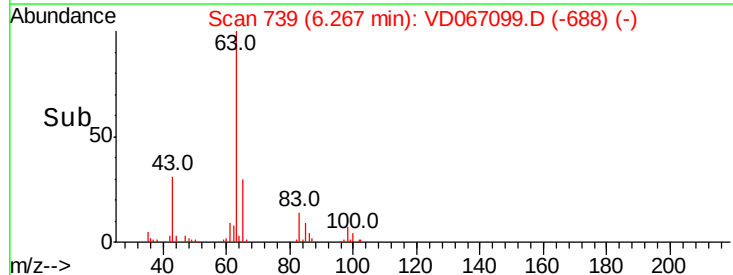
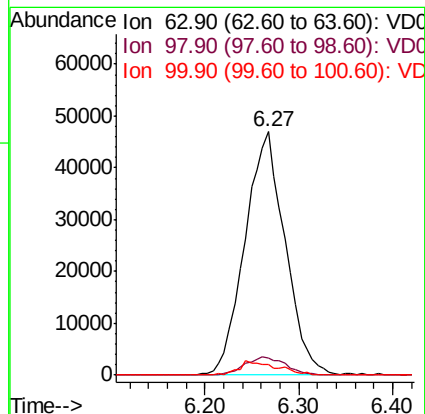
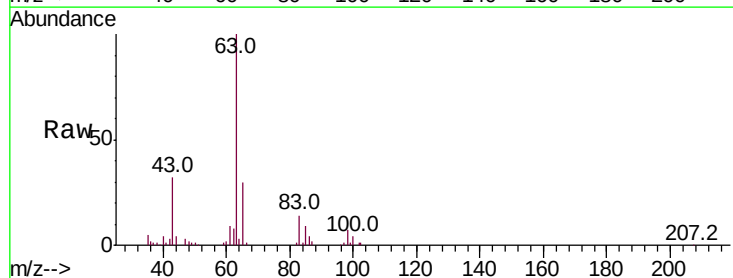
Tgt Ion: 63 Resp: 139136

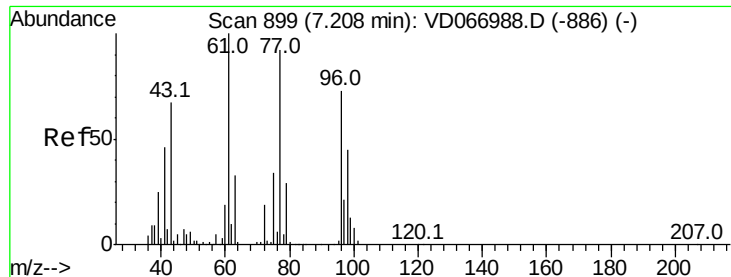
Ion Ratio Lower Upper

63 100

98 7.3 4.2 12.6

100 4.3 2.6 7.8

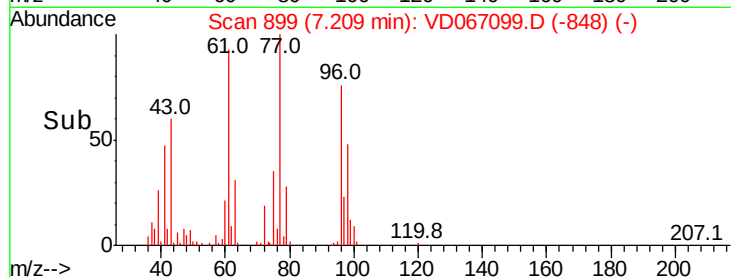
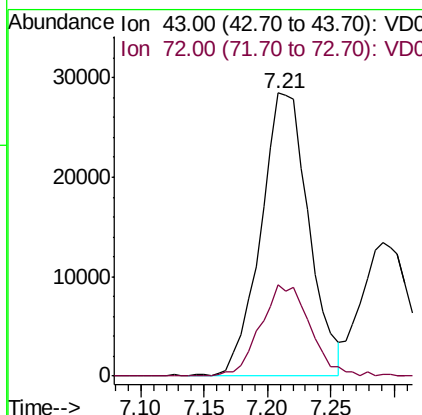
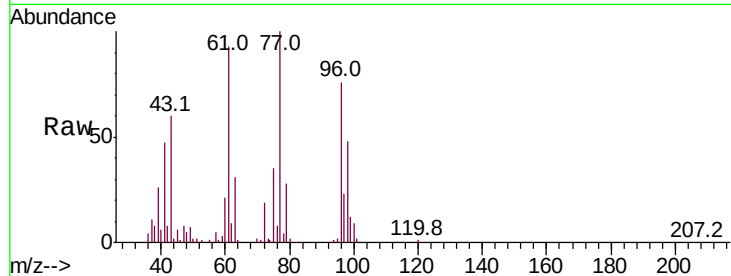




#25
2-Butanone
Concen: 84.727 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

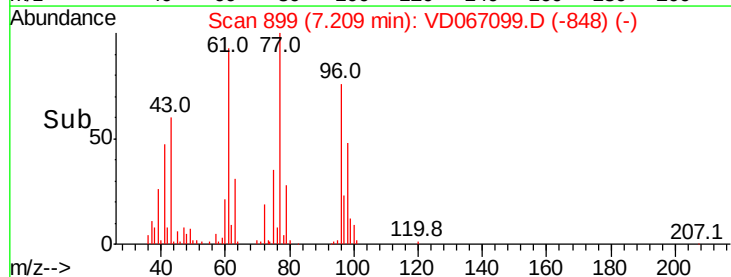
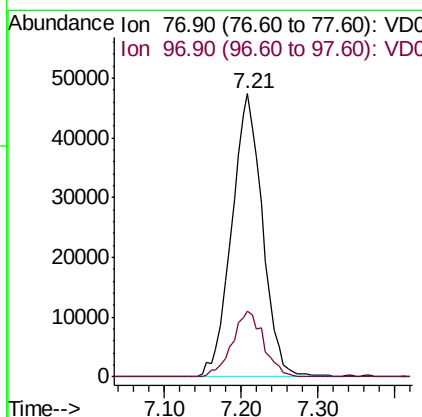
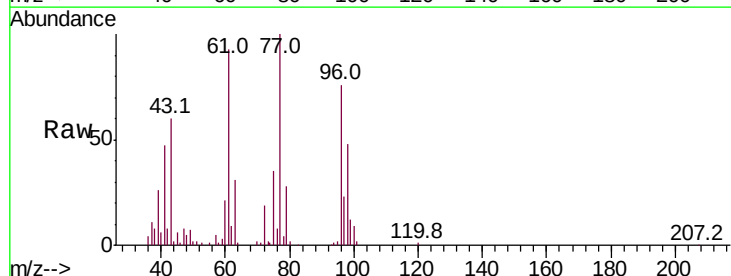
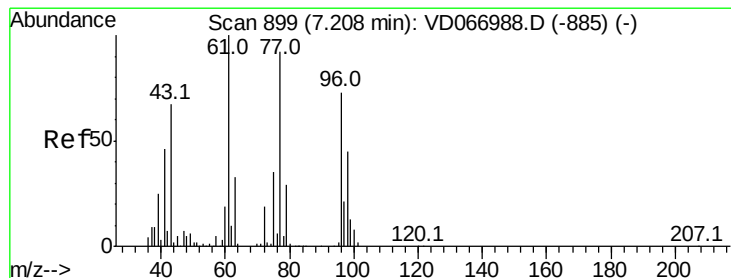
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

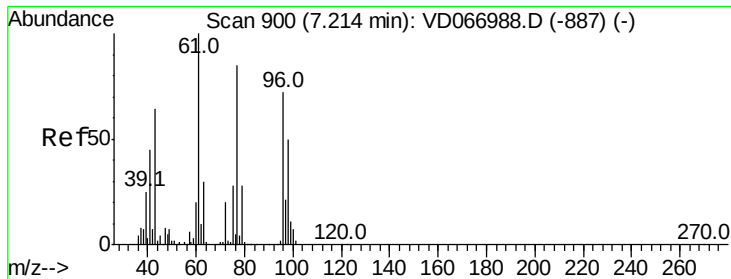
Tot Ion: 43 Resp: 75298
Ion Ratio Lower Upper
43 100
72 32.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 18.449 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 77 Resp: 132419
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2



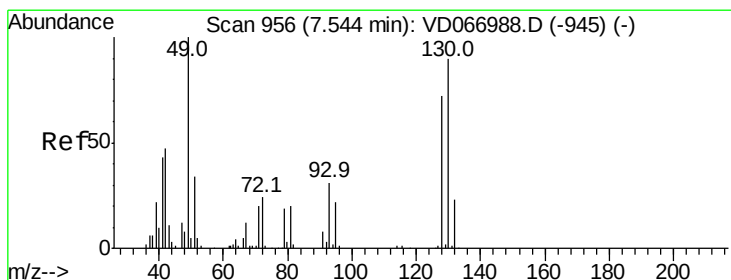
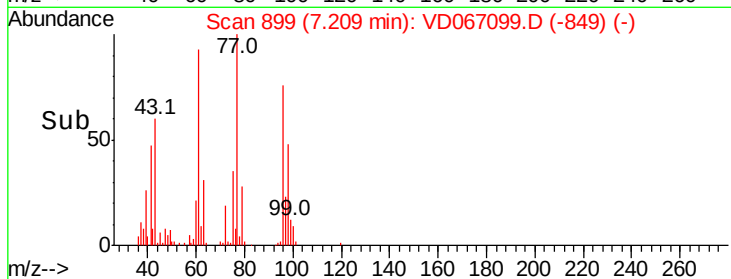
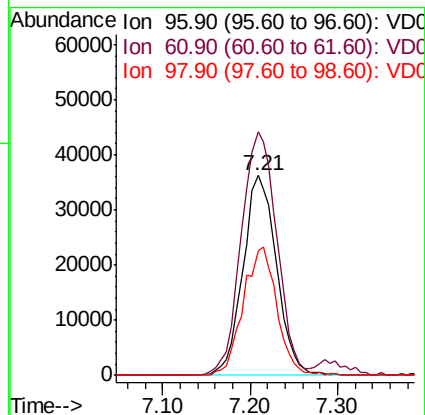
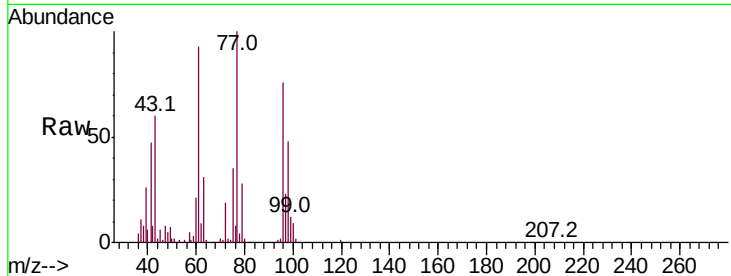


#27

cis-1,2-Dichloroethene
Concen: 19.254 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

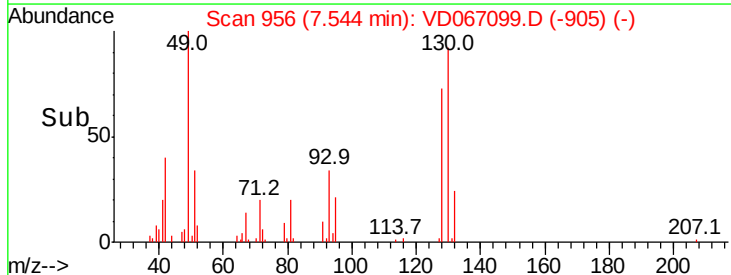
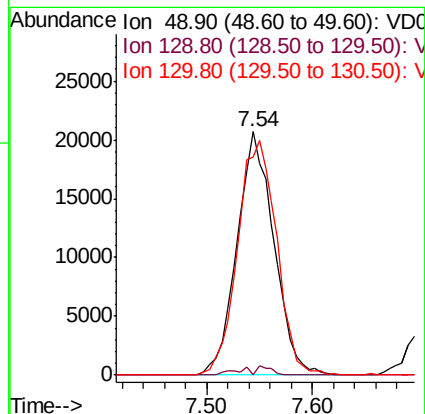
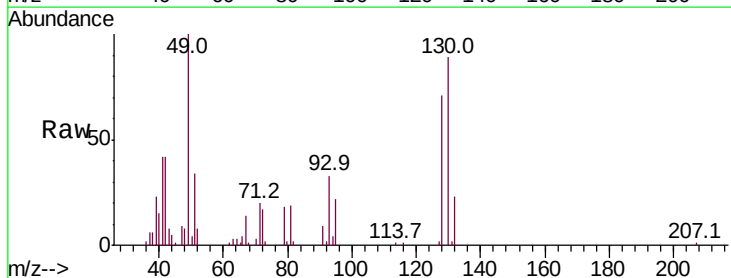
Tot Ion: 96 Resp: 94051
Ion Ratio Lower Upper
96 100
61 129.5 0.0 269.2
98 64.4 0.0 129.4

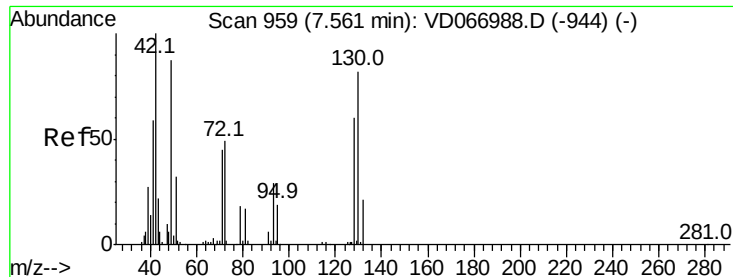


#28

Bromochloromethane
Concen: 17.652 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 49 Resp: 50146
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 101.7 74.1 111.1





#29

Tetrahydrofuran

Concen: 89.420 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

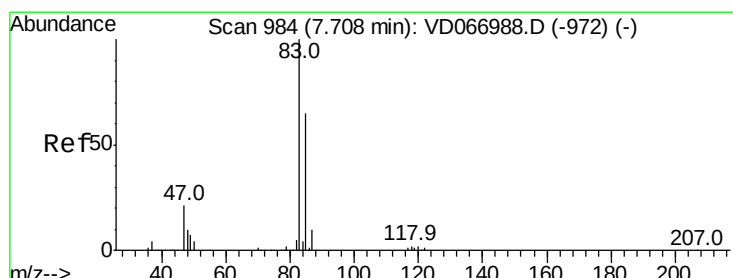
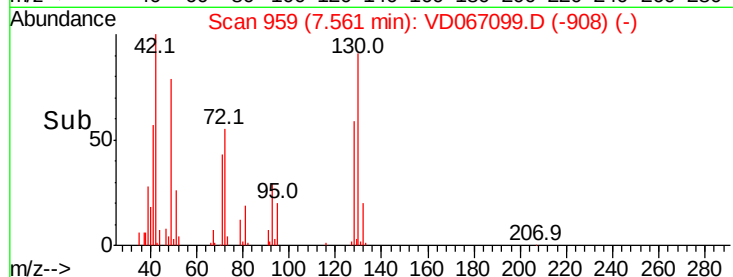
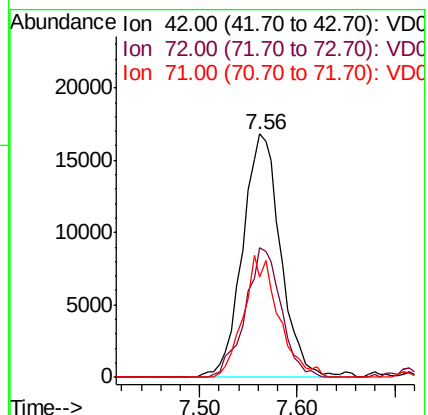
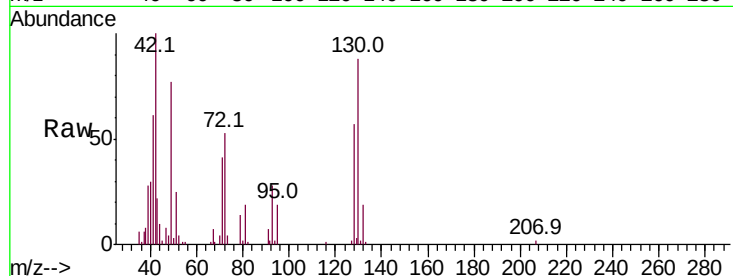
Tot Ion: 42 Resp: 45694

Ion Ratio Lower Upper

42 100

72 50.3 39.1 58.7

71 46.3 34.2 51.4



#30

Chloroform

Concen: 19.185 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067099.D

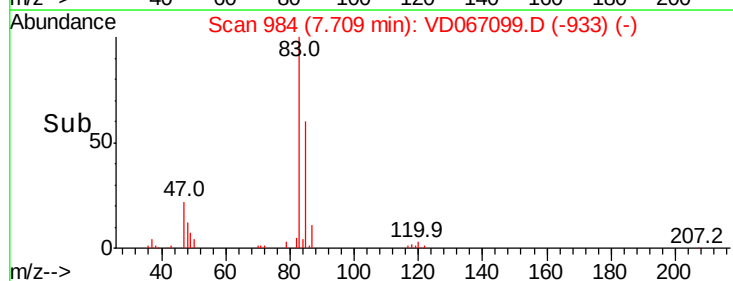
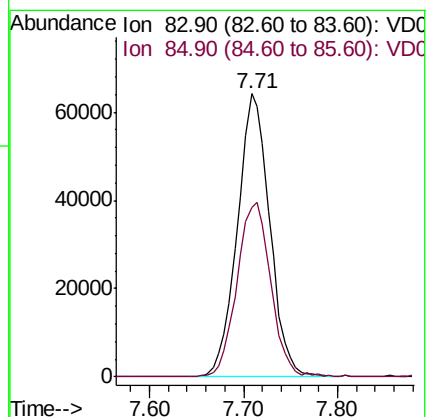
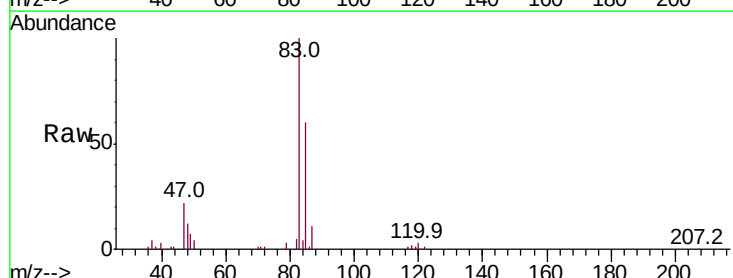
Acq: 06 Oct 2020 11:16

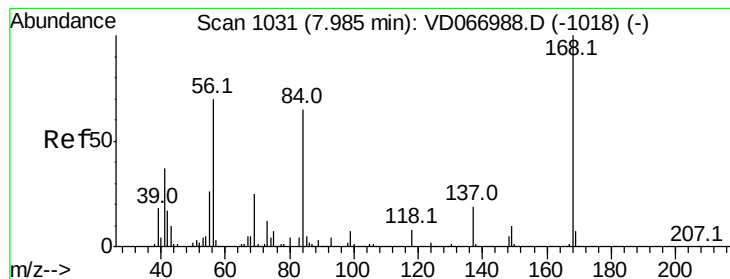
Tgt Ion: 83 Resp: 153090

Ion Ratio Lower Upper

83 100

85 59.9 52.3 78.5





#31

Cyclohexane

Concen: 18.027 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

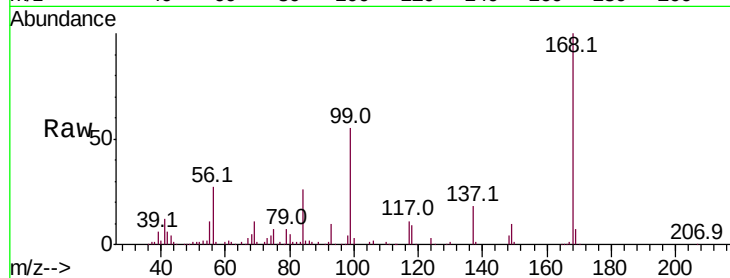
Tot Ion: 56 Resp: 111171

Ion Ratio Lower Upper

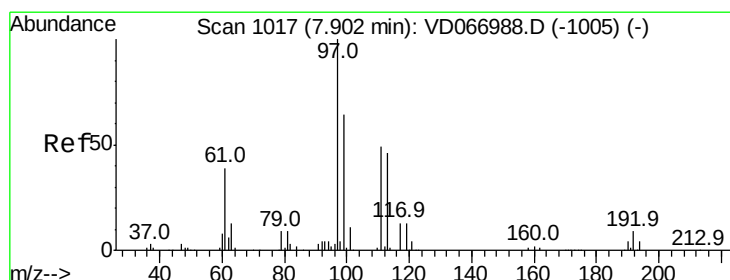
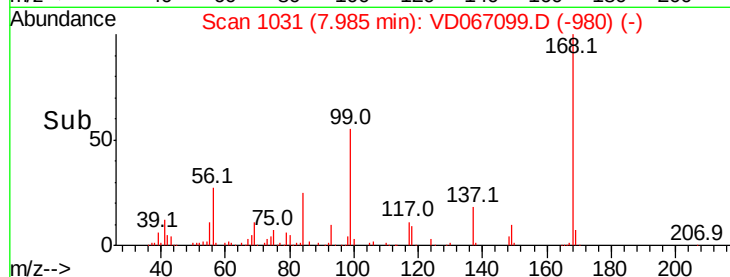
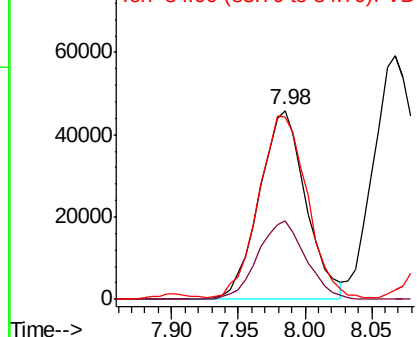
56 100

69 40.7 29.0 43.6

84 95.4 74.2 111.2



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: 19.501 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

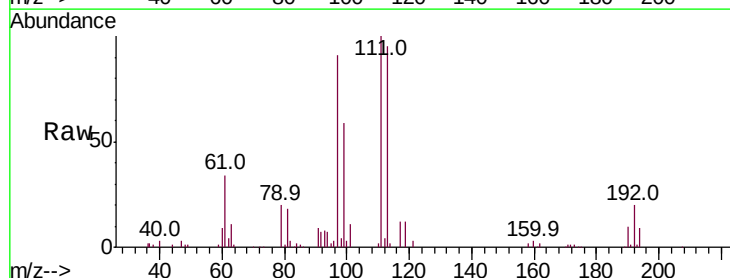
Tgt Ion: 97 Resp: 144215

Ion Ratio Lower Upper

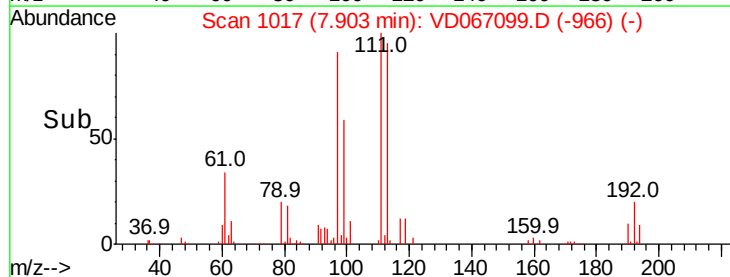
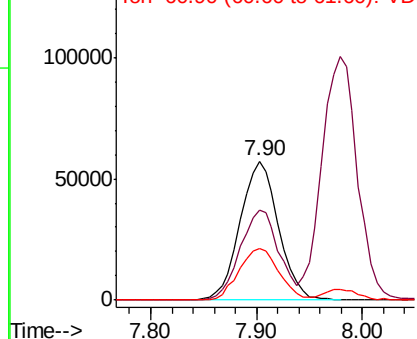
97 100

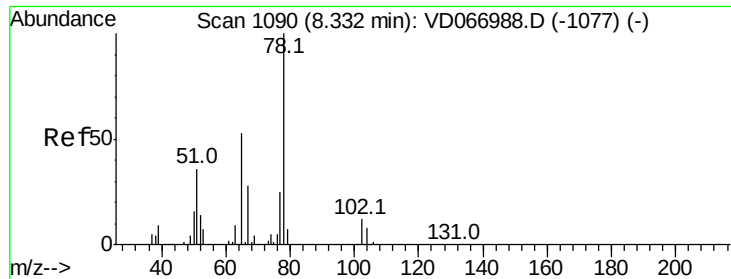
99 65.4 52.6 78.8

61 39.1 32.8 49.2



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

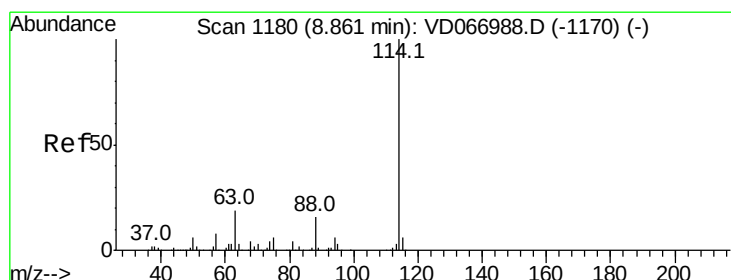
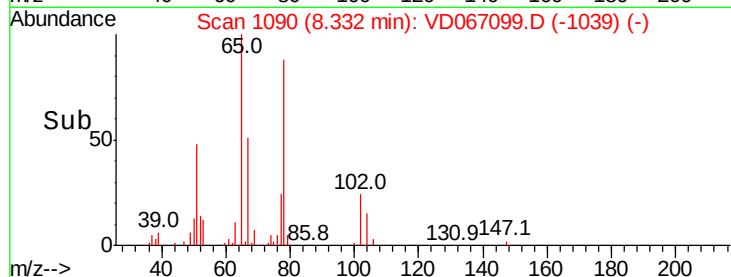
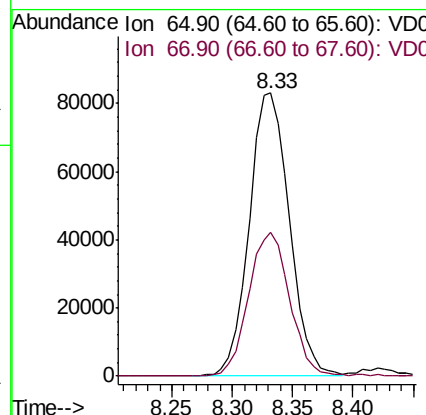
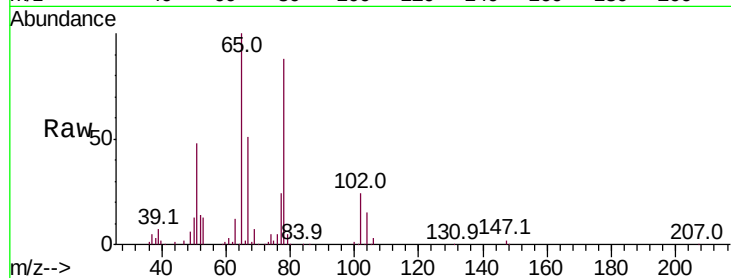




#33
 1,2-Dichloroethane-d4
 Concen: 46.776 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

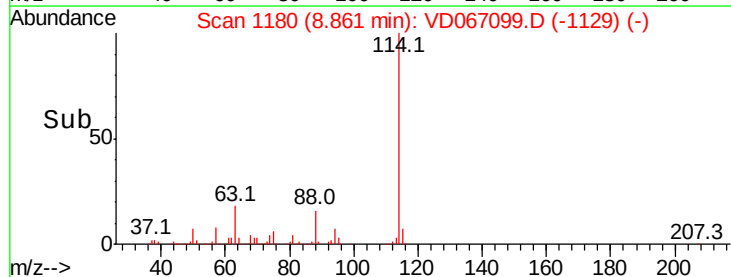
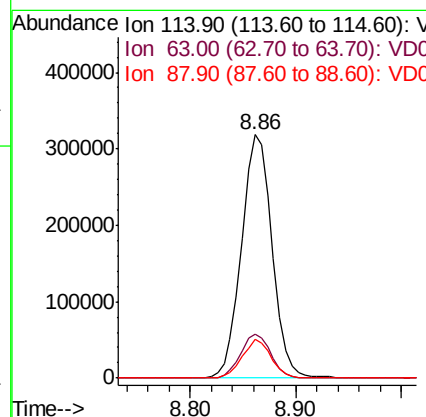
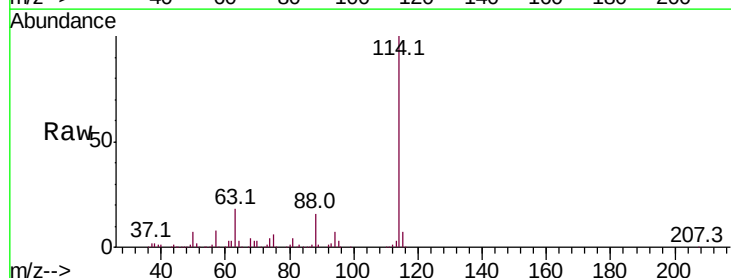
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

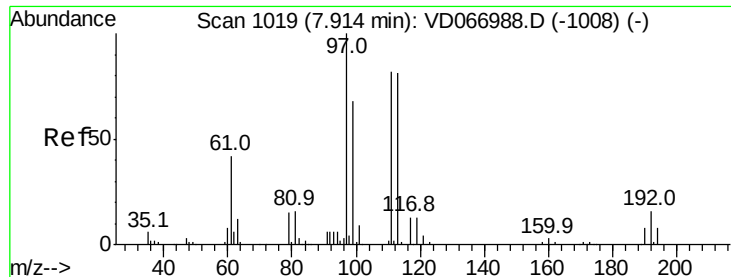
Tot Ion: 65 Resp: 192078
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion: 114 Resp: 640145
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.4
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

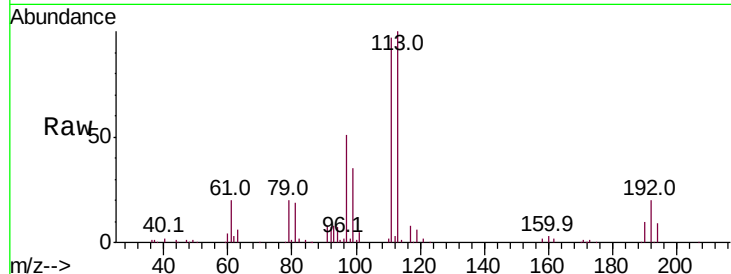
Tot Ion:113 Resp: 206251

Ion Ratio Lower Upper

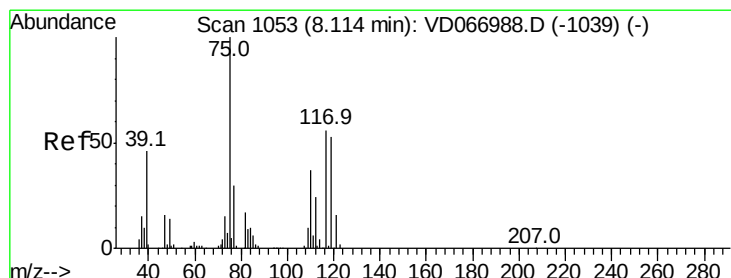
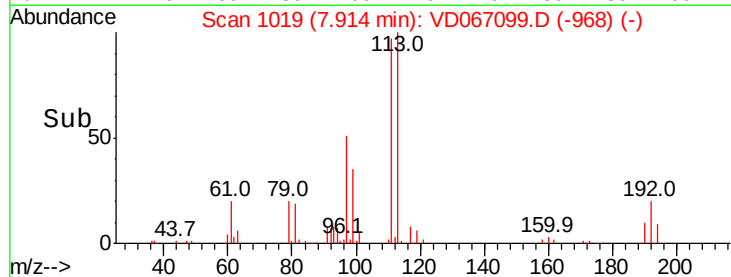
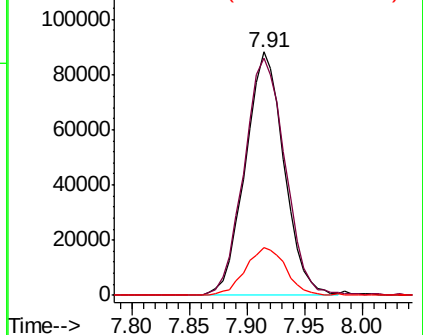
113 100

111 104.0 83.0 124.4

192 20.5 15.5 23.3



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: 19.842 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

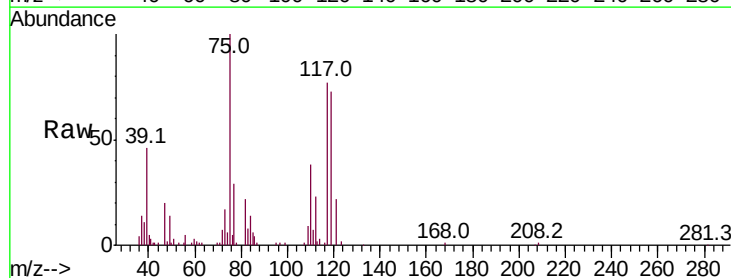
Tgt Ion: 75 Resp: 118394

Ion Ratio Lower Upper

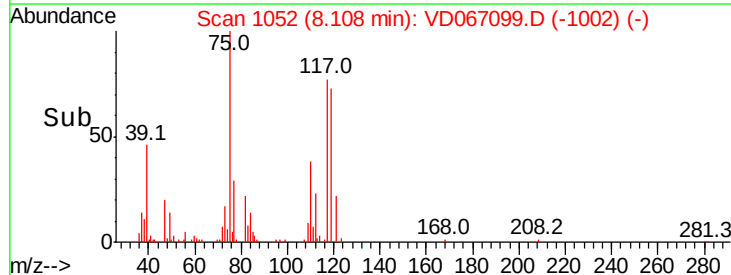
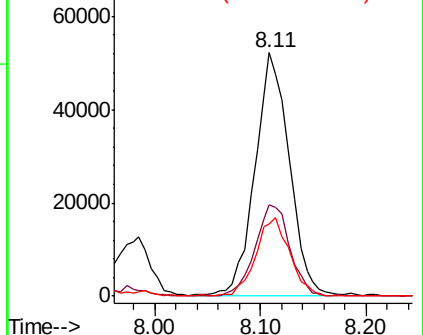
75 100

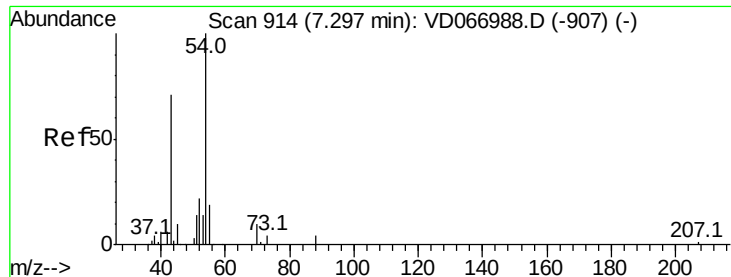
110 38.1 18.4 55.0

77 31.7 24.8 37.2



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

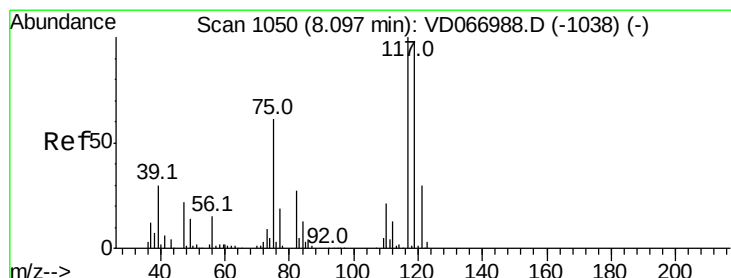
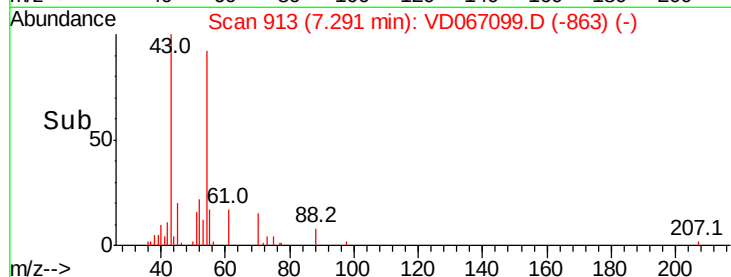
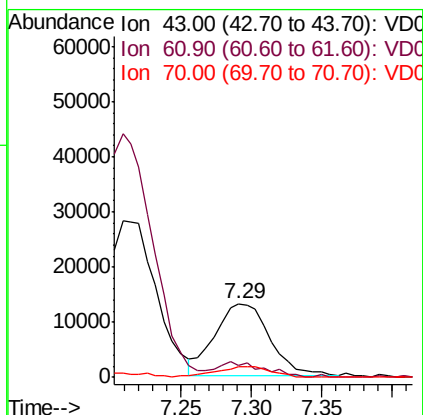
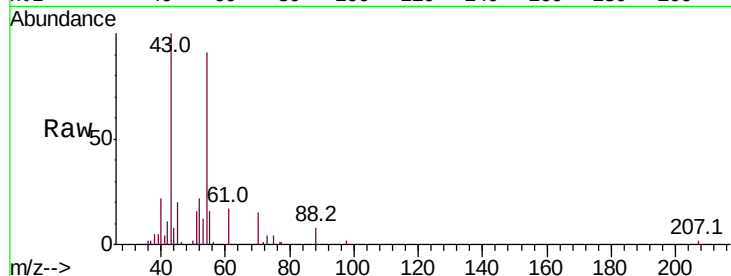




#37
Ethyl Acetate
Concen: 17.100 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

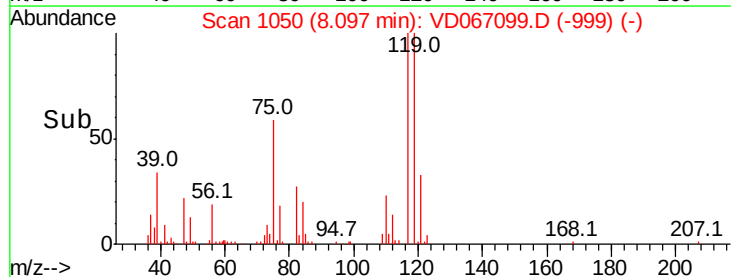
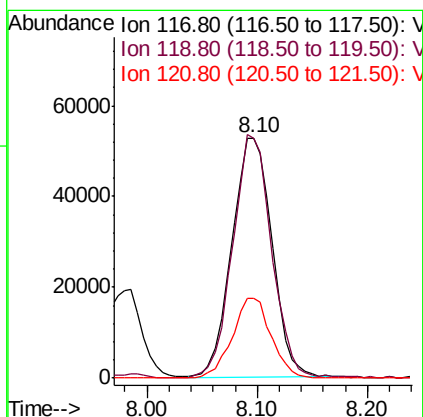
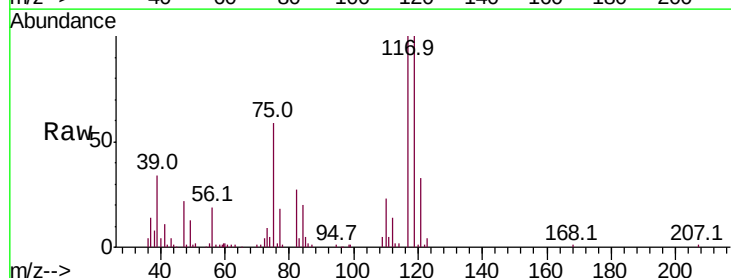
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

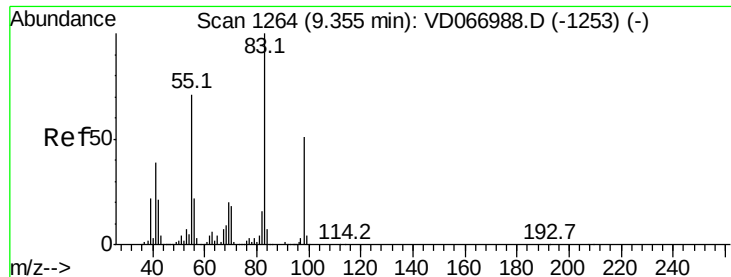
Tot Ion: 43 Resp: 35347
Ion Ratio Lower Upper
43 100
61 16.5 12.5 18.7
70 15.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 20.827 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 117 Resp: 134458
Ion Ratio Lower Upper
117 100
119 100.1 78.7 118.1
121 33.4 24.2 36.2

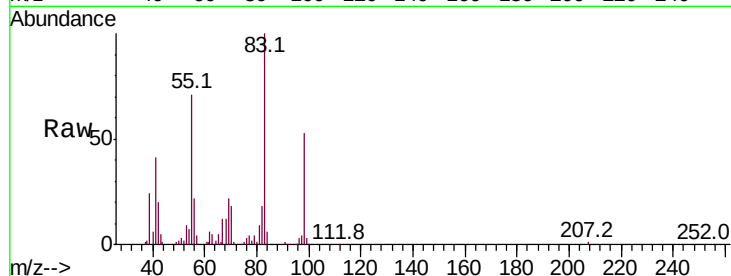




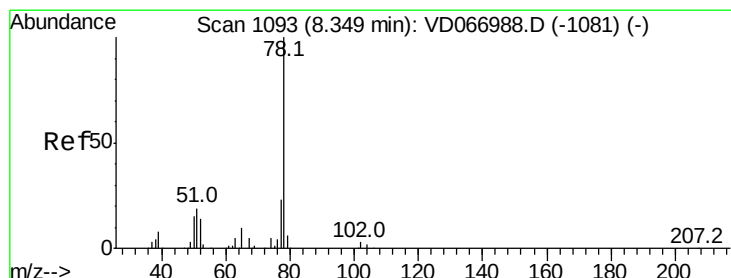
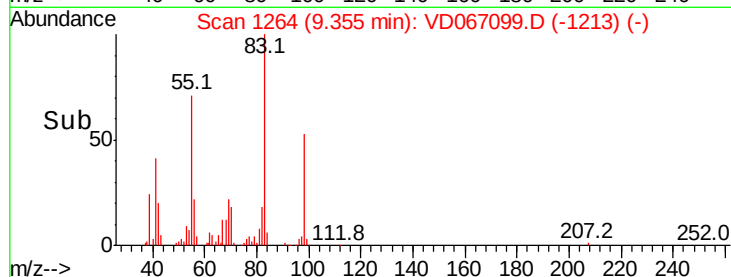
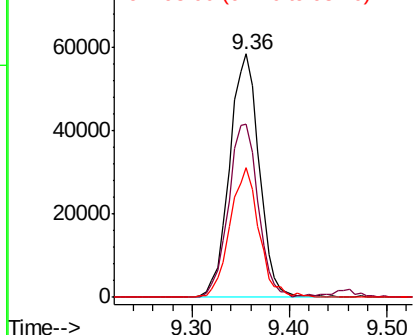
#39
Methylvlcyclohexane
Concen: 19.571 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

Tot Ion	83	Resp	123463
Ion Ratio	Lower	Upper	
83	100		
55	71.3	57.1	85.7
98	53.0	40.9	61.3

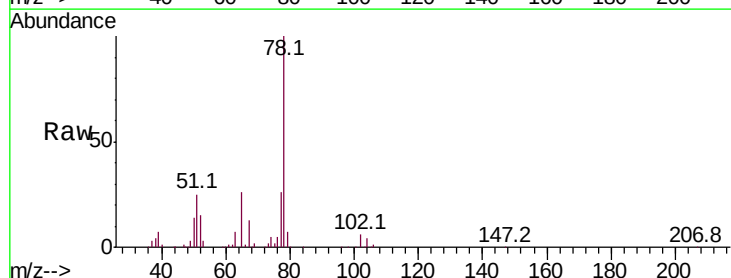


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

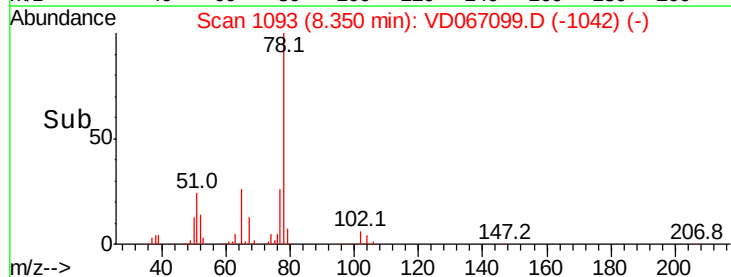
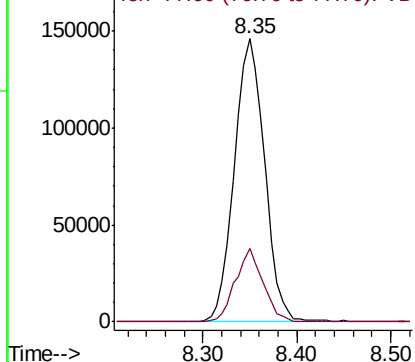


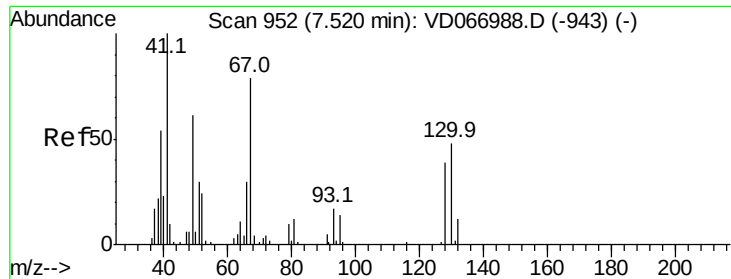
#40
Benzene
Concen: 19.773 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion	78	Resp	327705
Ion Ratio	Lower	Upper	
78	100		
77	26.2	18.4	27.6



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

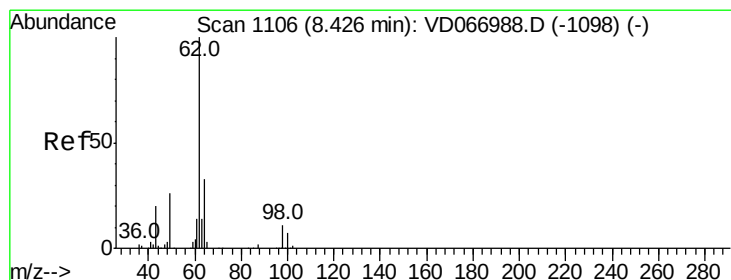
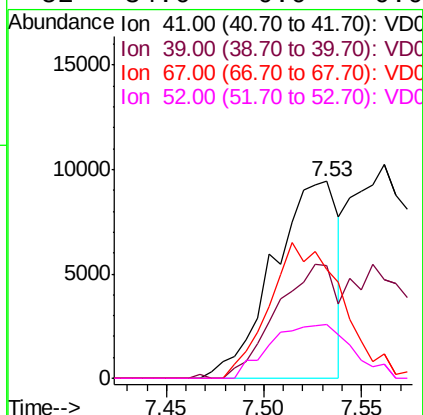
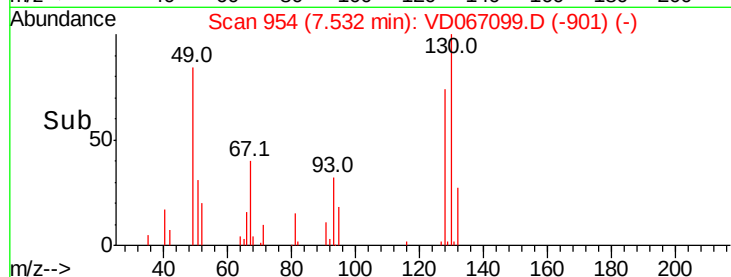
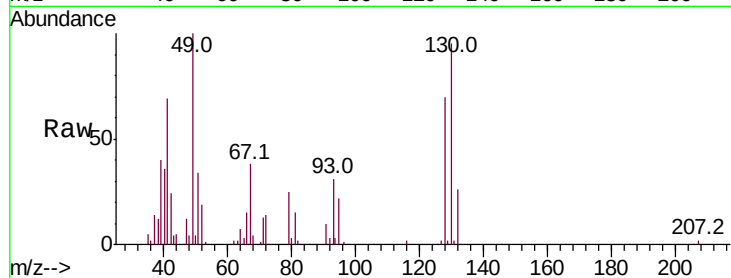




#41
Methacrylonitrile
Concen: 19.327 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

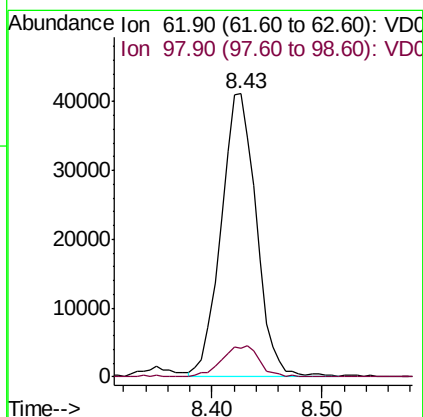
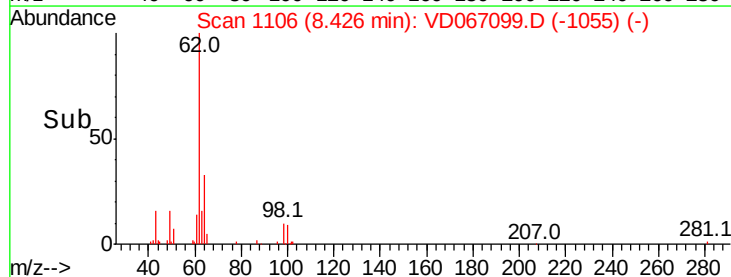
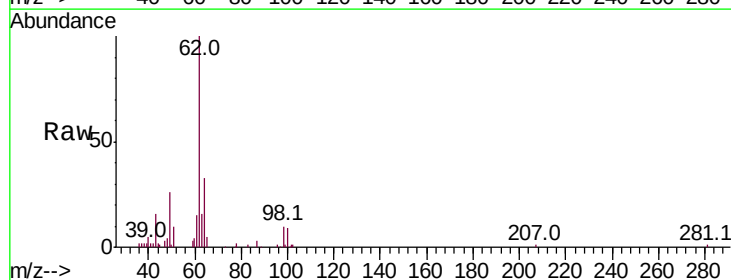
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

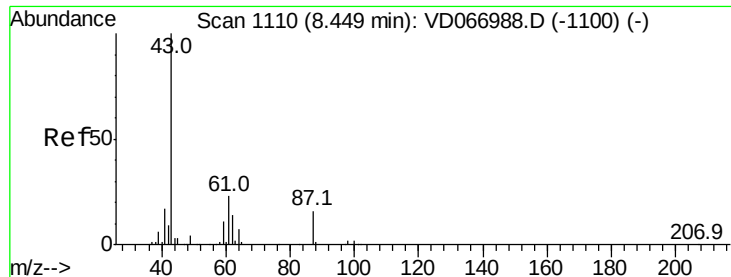
Tot Ion: 41 Resp: 21583
Ion Ratio Lower Upper
41 100
39 53.5 0.0 0.0#
67 77.9 0.0 0.0#
52 34.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.618 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 62 Resp: 90854
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.6





#43

Isopropyl Acetate

Concen: 17.945 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

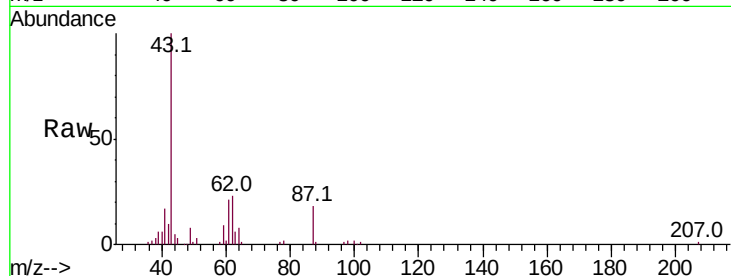
Tot Ion: 43 Resp: 68335

Ion Ratio Lower Upper

43 100

61 35.9 27.1 40.7

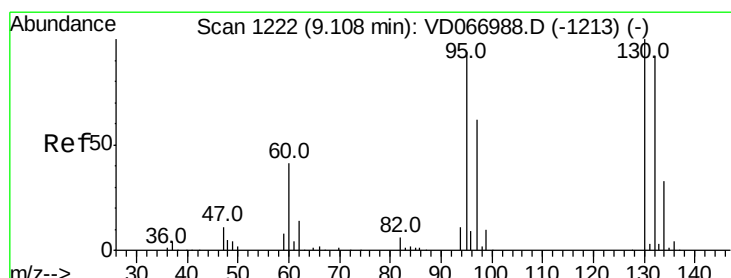
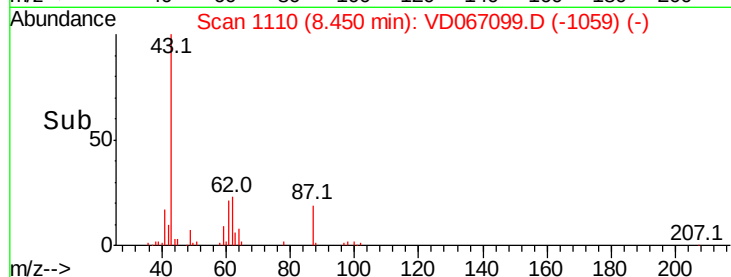
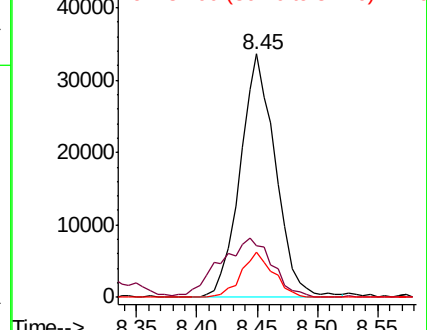
87 16.8 12.3 18.5



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: 20.344 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067099.D

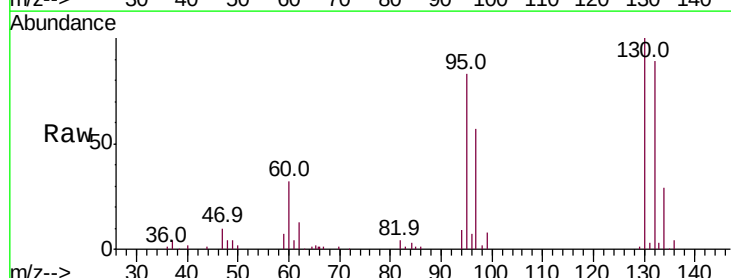
Acq: 06 Oct 2020 11:16

Tgt Ion:130 Resp: 100680

Ion Ratio Lower Upper

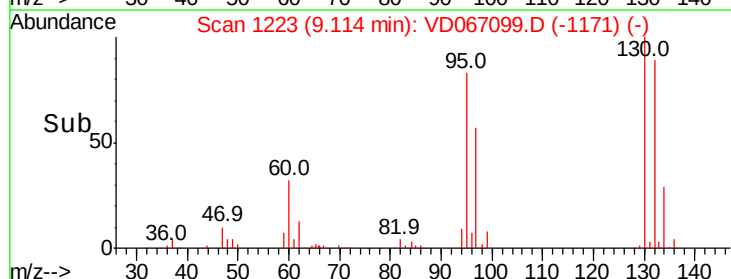
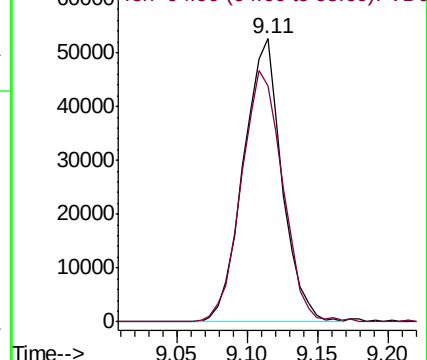
130 100

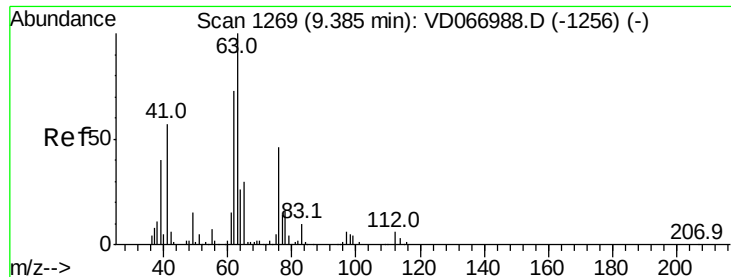
95 83.3 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.283 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

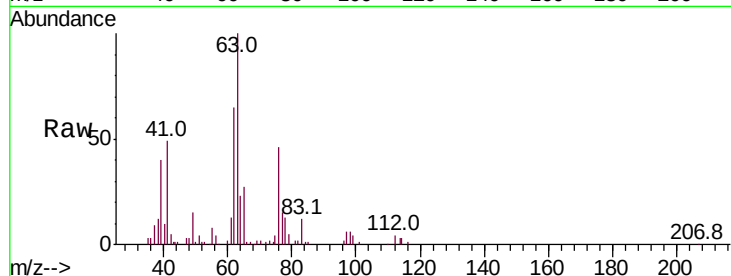
VD1006SBSD01

Tot Ion: 63 Resp: 78984

Ion Ratio Lower Upper

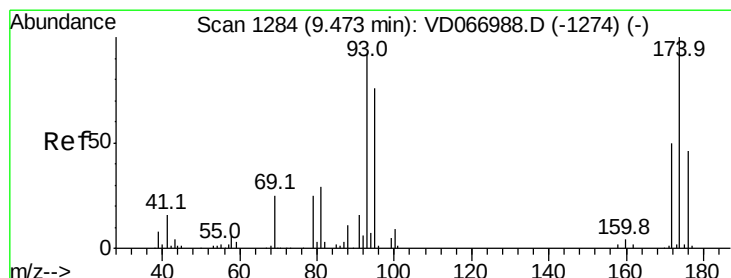
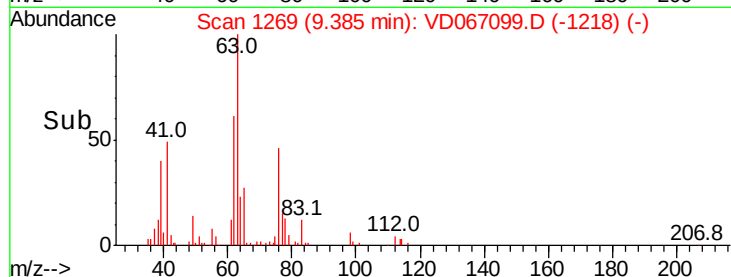
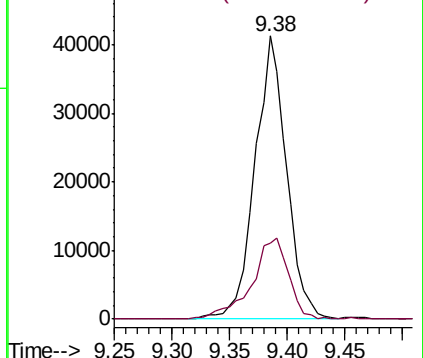
63 100

65 27.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.164 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

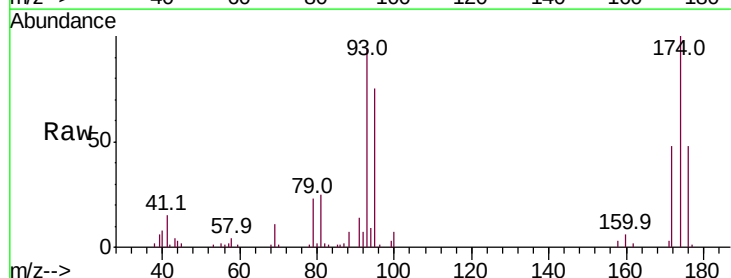
Tgt Ion: 93 Resp: 45129

Ion Ratio Lower Upper

93 100

95 81.6 64.7 97.1

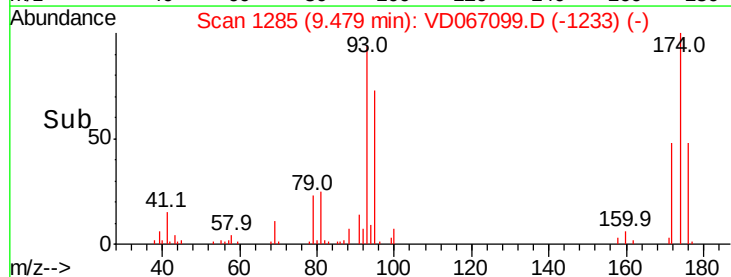
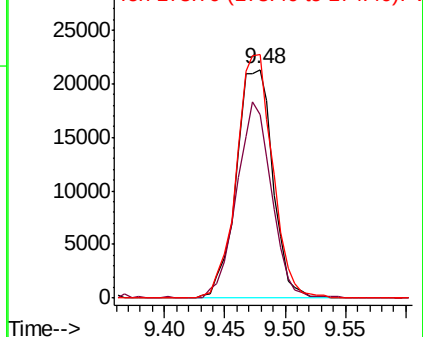
174 105.1 81.4 122.2

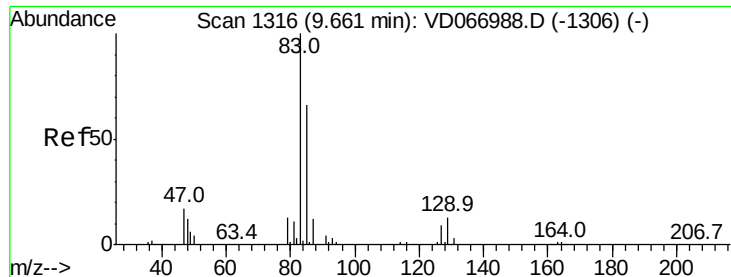


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.726 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

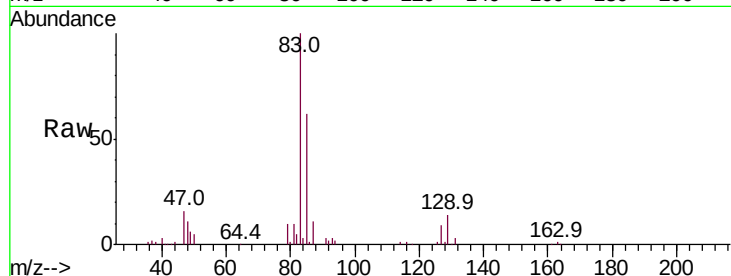
Tot Ion: 83 Resp: 120583

Ion Ratio Lower Upper

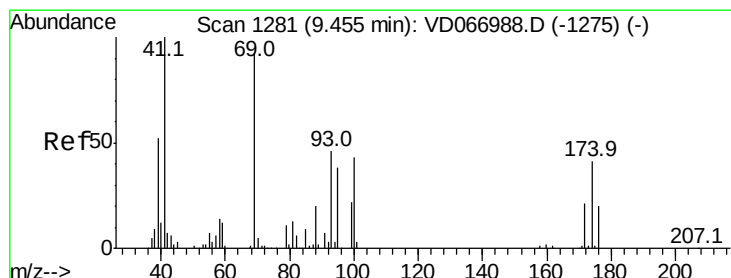
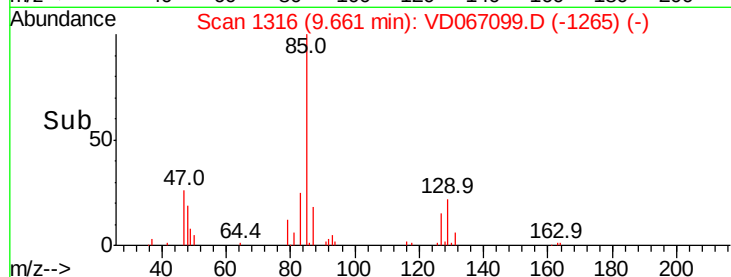
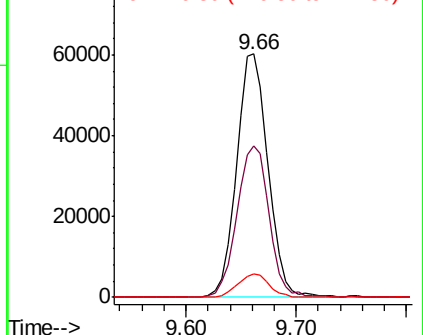
83 100

85 62.0 52.9 79.3

127 9.4 7.3 10.9



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



#48

Methyl methacrylate

Concen: 17.485 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

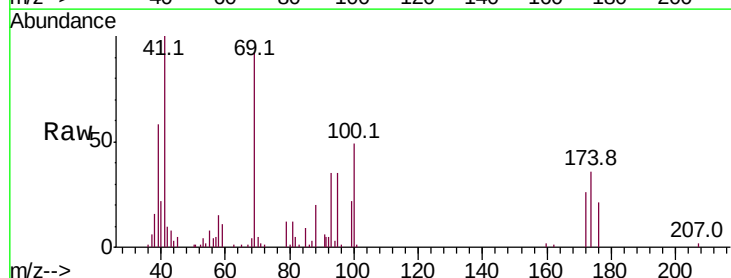
Tgt Ion: 41 Resp: 34111

Ion Ratio Lower Upper

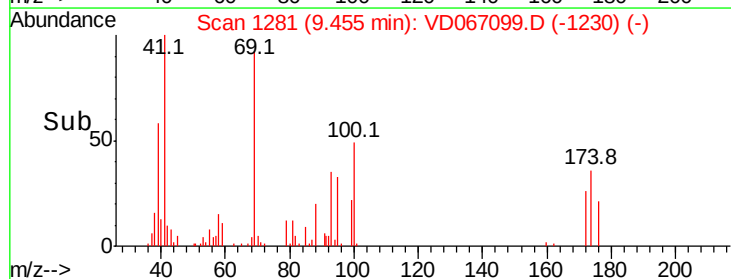
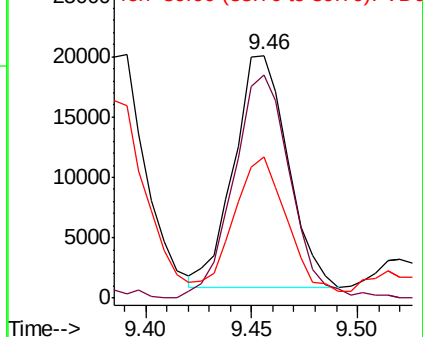
41 100

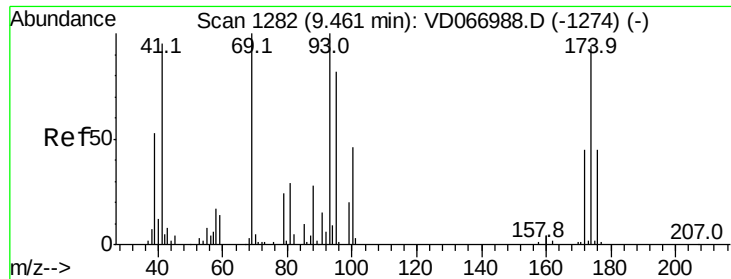
69 101.3 68.5 102.7

39 55.5 40.2 60.2



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

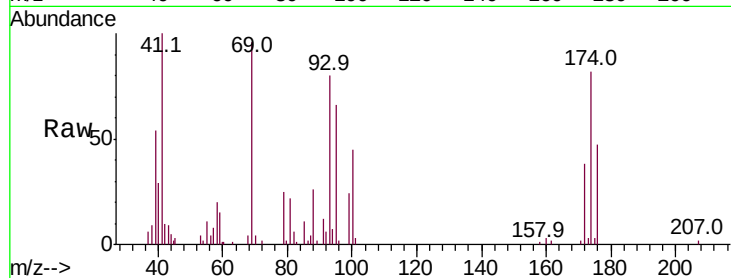




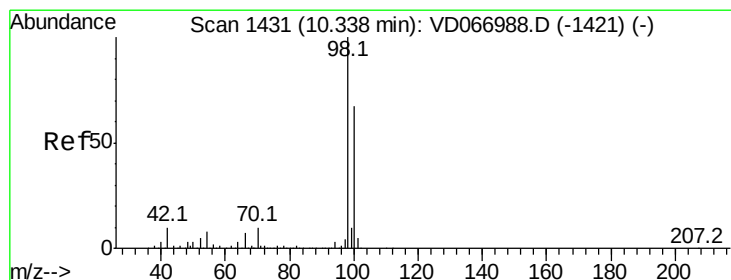
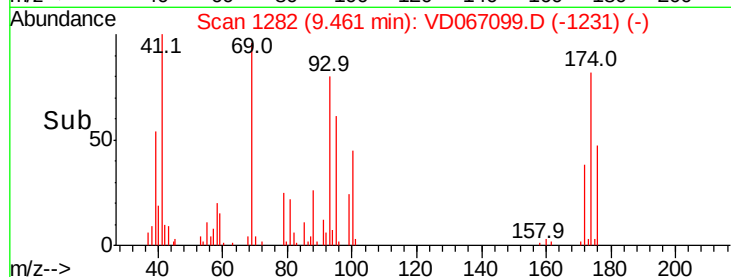
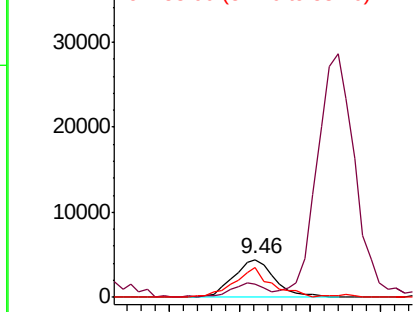
#49
 1,4-Dioxane
 Concen: 385.634 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

Tot Ion: 88 Resp: 9008
 Ion Ratio Lower Upper
 88 100
 43 30.9 25.6 38.4
 58 71.5 53.5 80.3

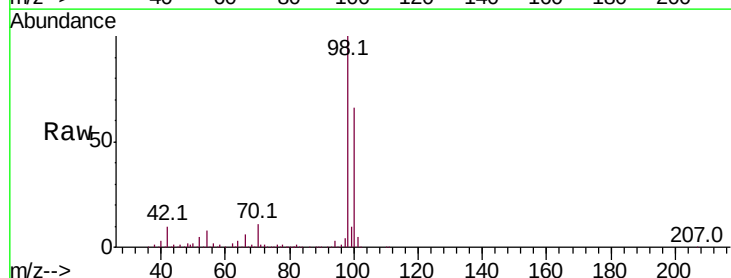


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

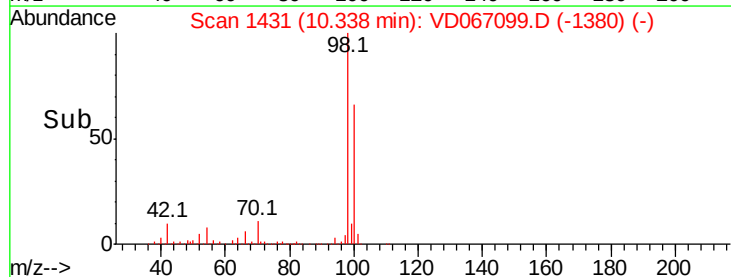
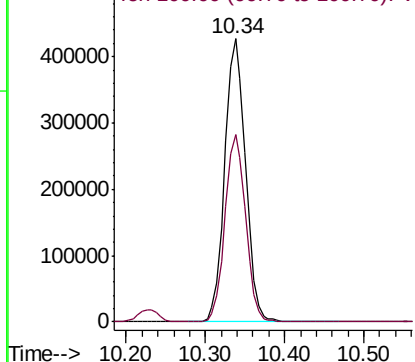


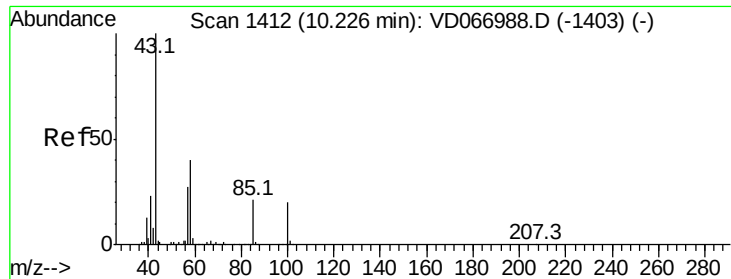
#50
 Toluene-d8
 Concen: 50.709 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion: 98 Resp: 774381
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2



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

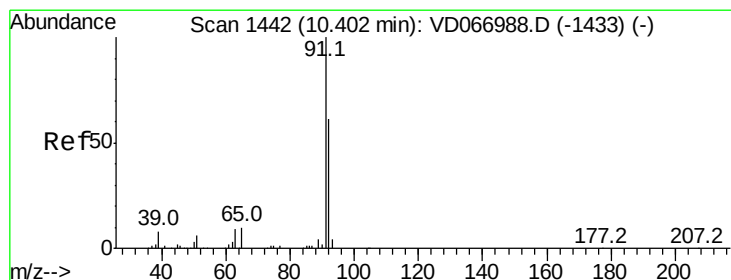
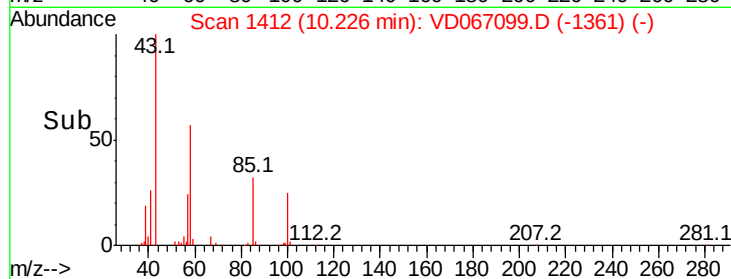
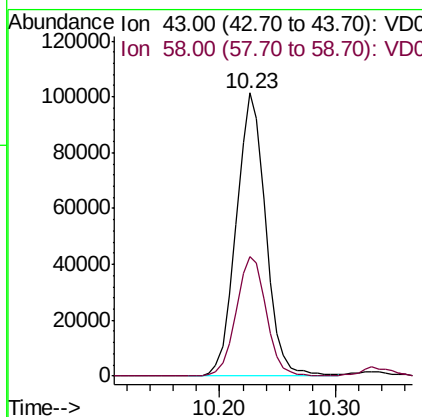
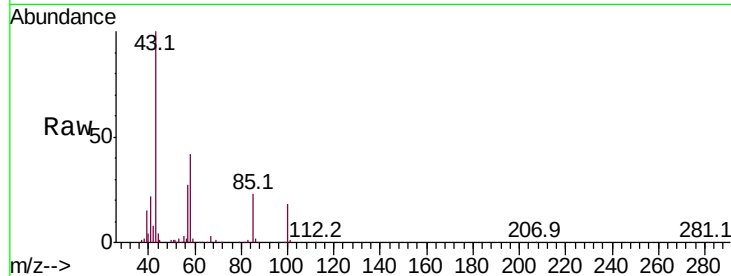




#51
4-Methyl-2-Pentanone
Concen: 94.158 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

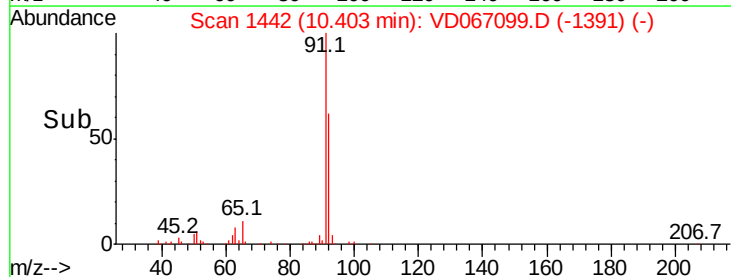
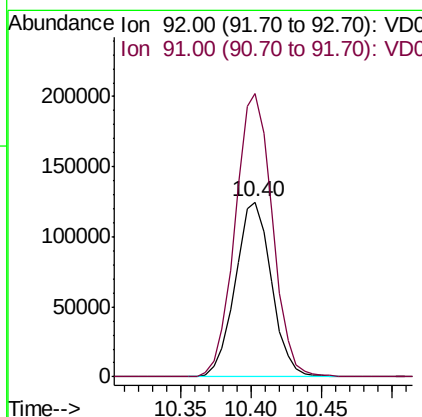
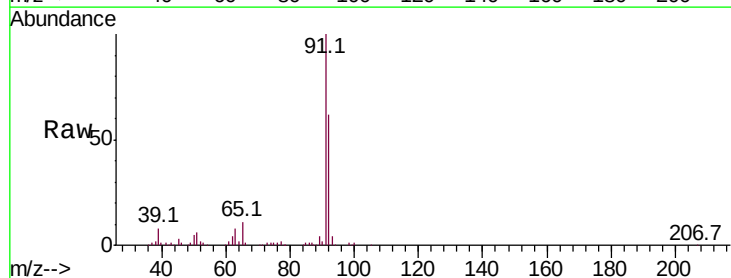
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

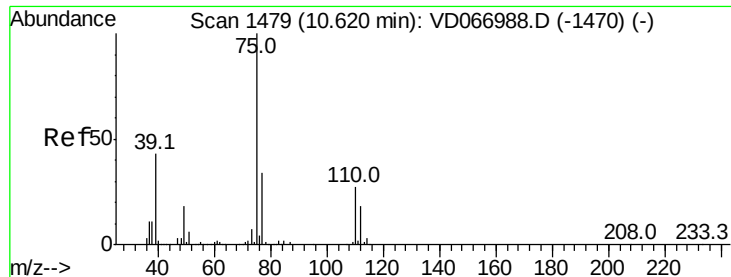
Tot Ion: 43 Resp: 178596
Ion Ratio Lower Upper
43 100
58 43.0 33.8 50.8



#52
Toluene
Concen: 20.909 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 92 Resp: 223226
Ion Ratio Lower Upper
92 100
91 167.2 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 19.884 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

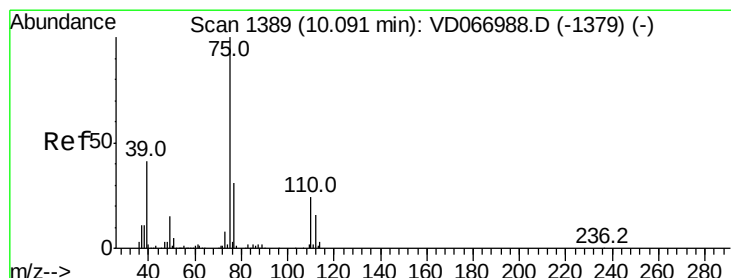
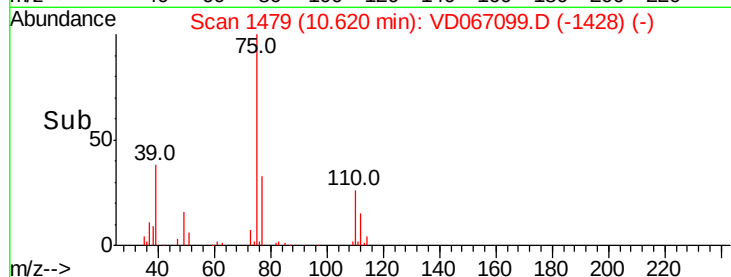
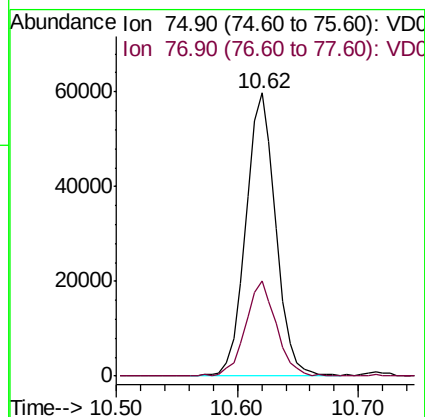
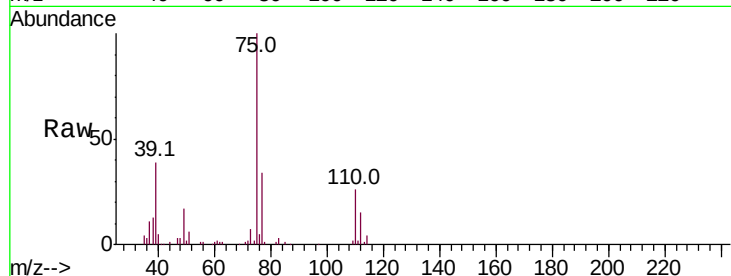
VD1006SBS01

Tot Ion: 75 Resp: 103388

Ion Ratio Lower Upper

75 100

77 33.8 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 19.780 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

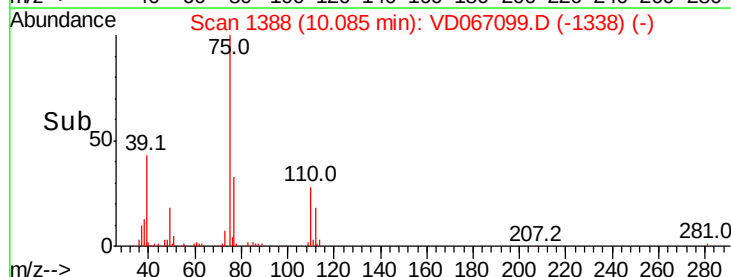
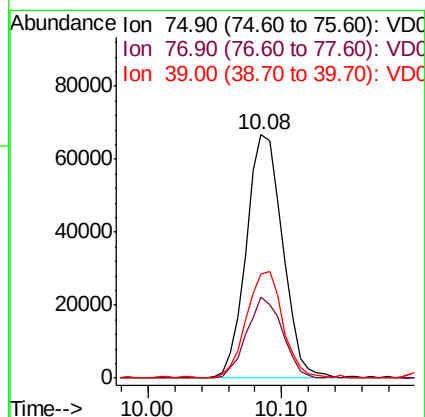
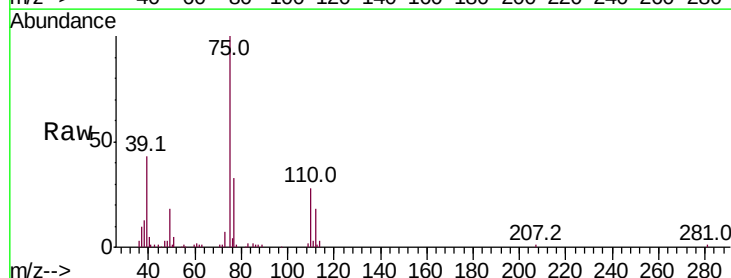
Tgt Ion: 75 Resp: 125593

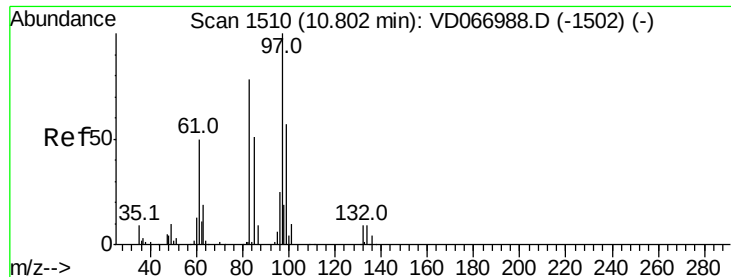
Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0

39 42.0 33.0 49.4

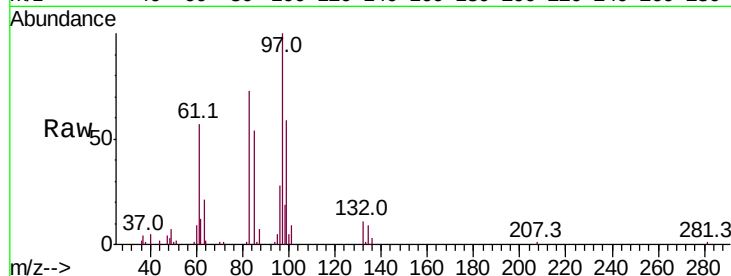




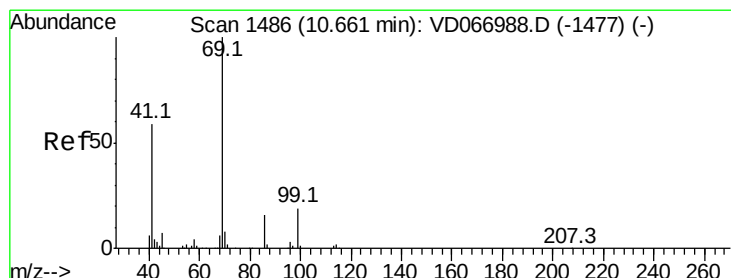
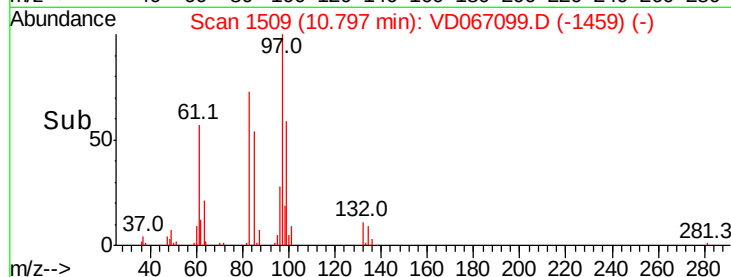
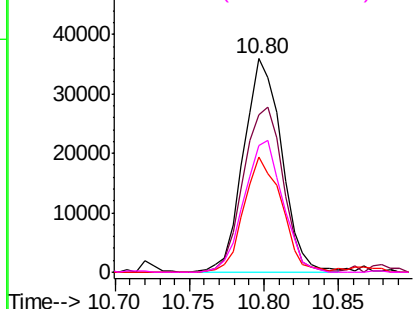
#55
 1,1,2-Trichloroethane
 Concen: 20.514 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

Tot Ion:	97	Resp:	63832
Ion	Ratio	Lower	Upper
97	100		
83	73.5	62.4	93.6
85	53.8	41.0	61.4
99	59.3	45.9	68.9

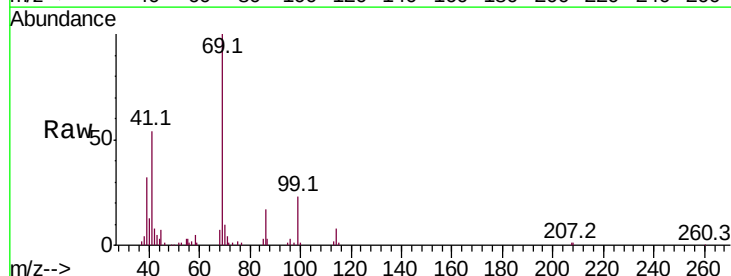


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

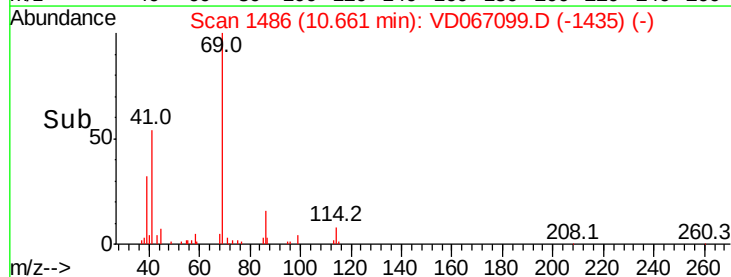
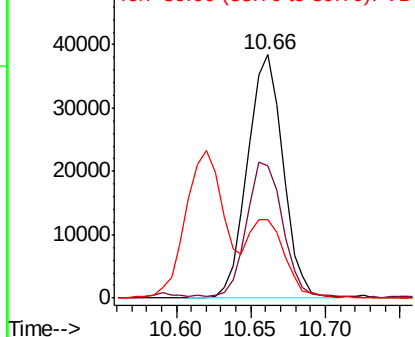


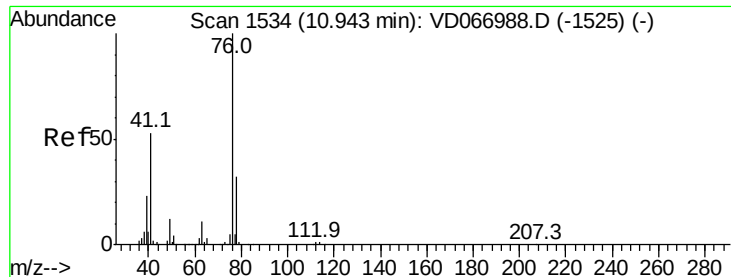
#56
 Ethyl methacrylate
 Concen: 19.694 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion:	69	Resp:	63270
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.4	69.6
39	32.5	23.8	35.6



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





#57

1,3-Dichloropropane

Concen: 20.502 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

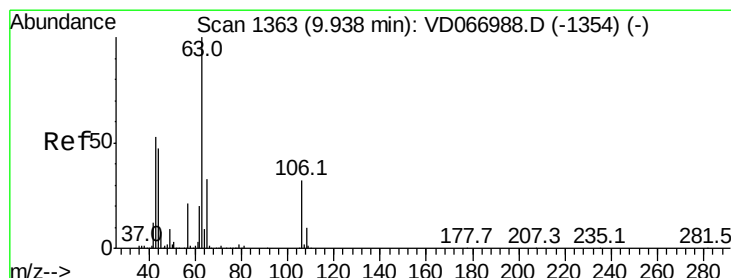
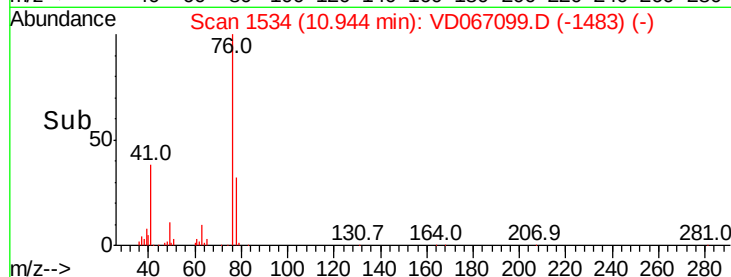
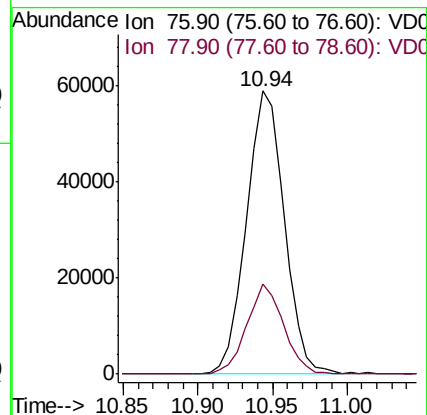
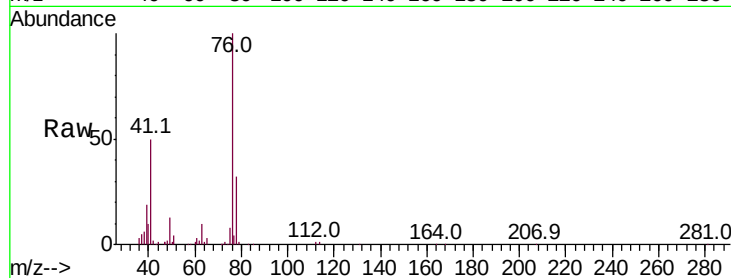
VD1006SBS01

Tot Ion: 76 Resp: 103454

Ion Ratio Lower Upper

76 100

78 31.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.259 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067099.D

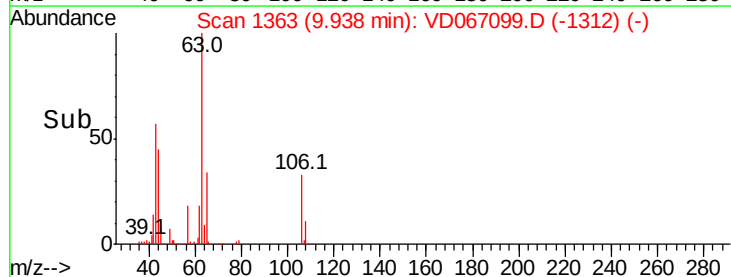
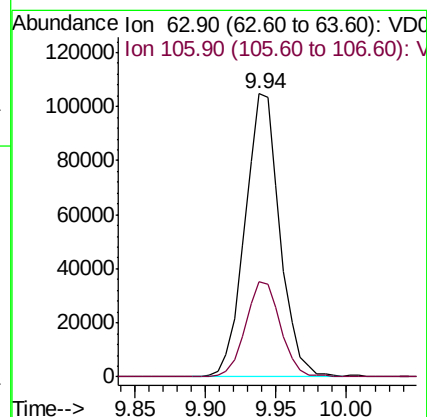
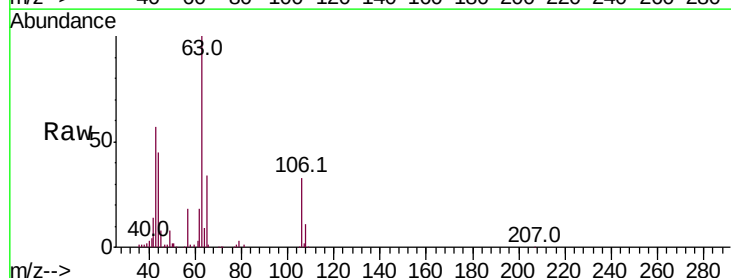
Acq: 06 Oct 2020 11:16

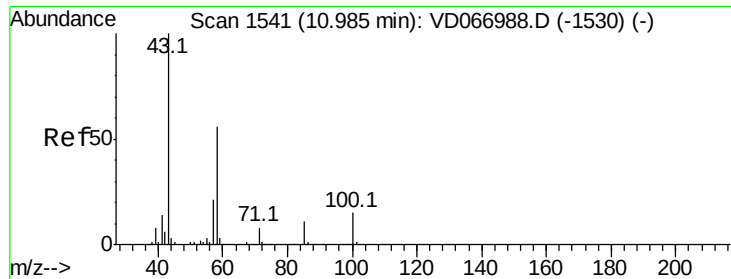
Tgt Ion: 63 Resp: 181060

Ion Ratio Lower Upper

63 100

106 33.9 25.3 37.9

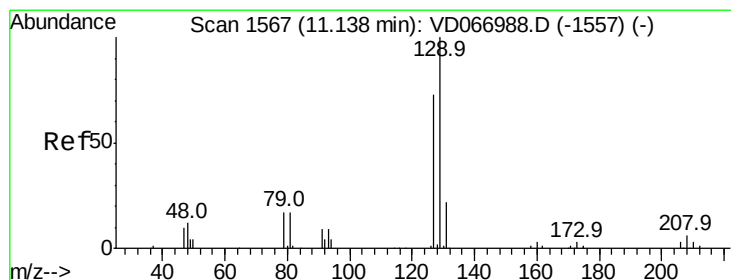
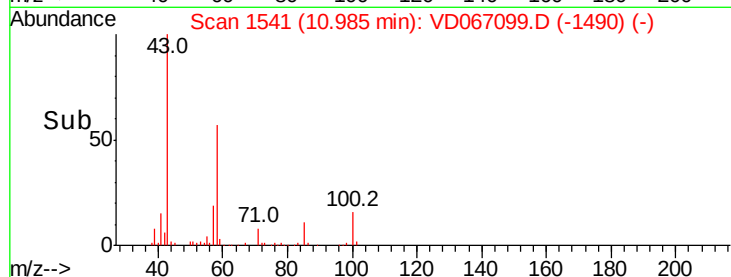
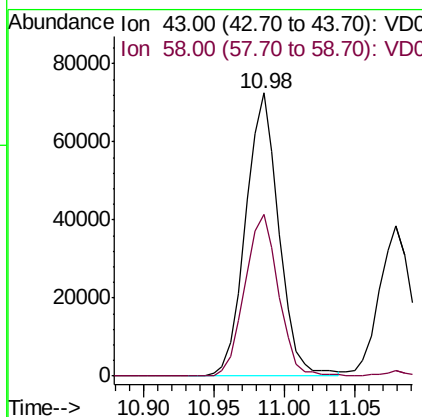
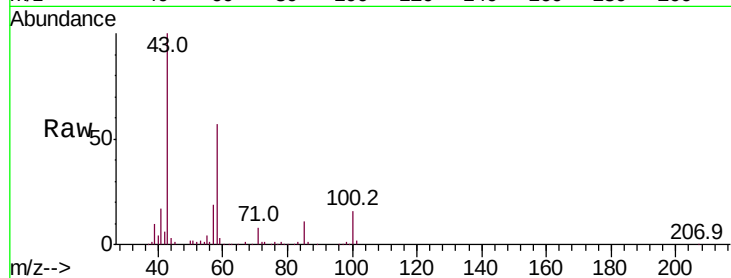




#59
2-Hexanone
Concen: 94.450 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

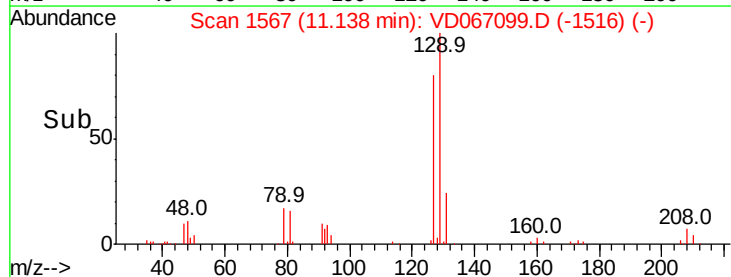
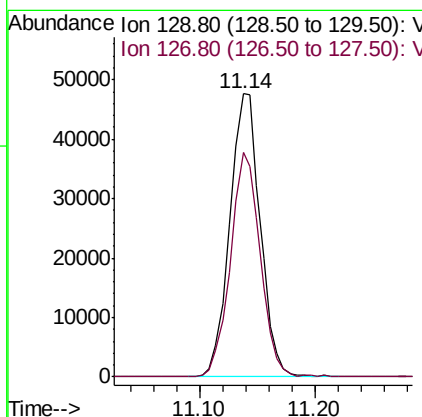
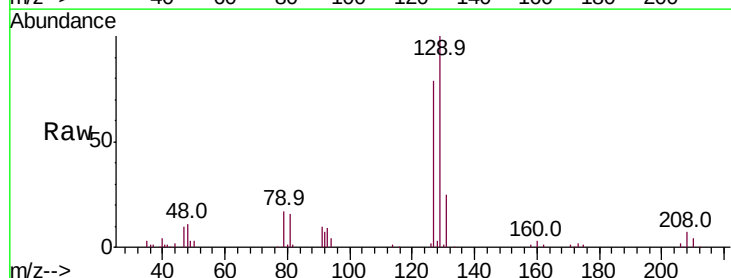
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

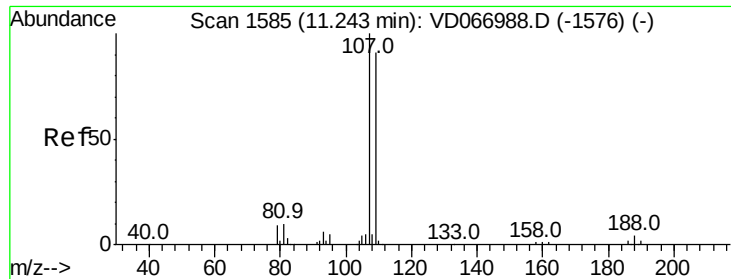
Tot Ion: 43 Resp: 119572
Ion Ratio Lower Upper
43 100
58 58.0 28.3 84.9



#60
Dibromochloromethane
Concen: 20.989 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 129 Resp: 87050
Ion Ratio Lower Upper
129 100
127 77.4 37.4 112.1

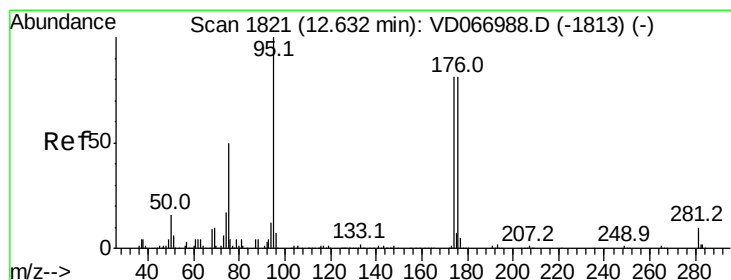
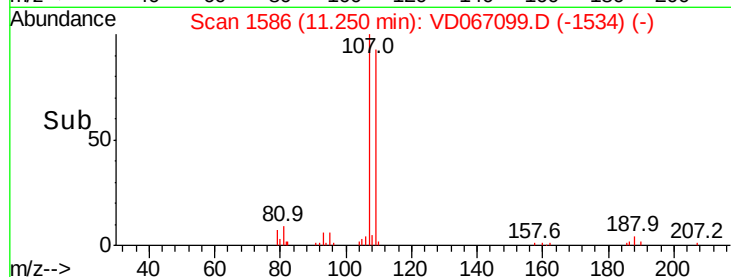
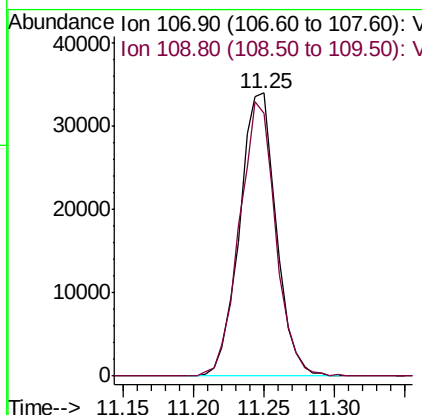
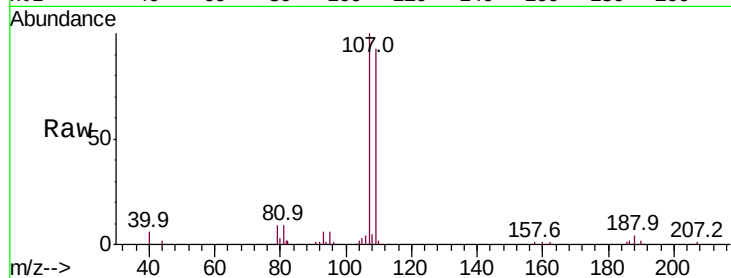




#61
 1,2-Dibromoethane
 Concen: 20.644 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

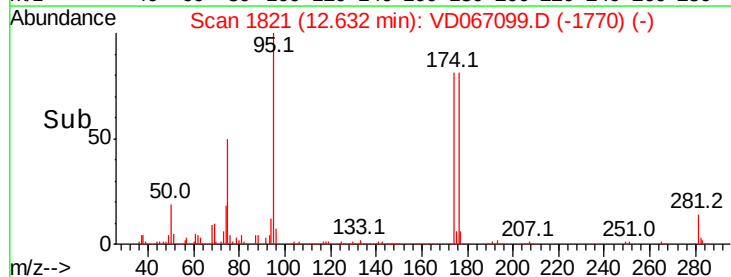
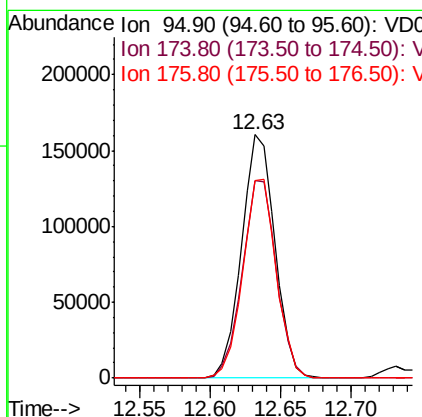
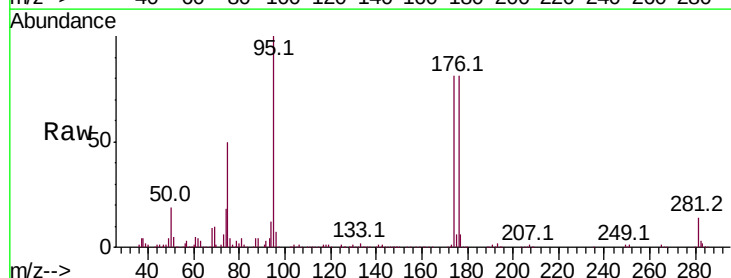
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

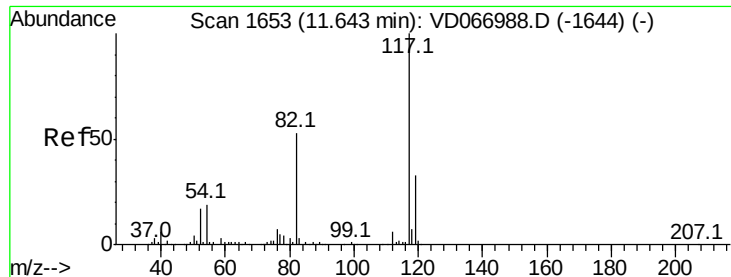
Tot Ion:107 Resp: 61715
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.240 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion: 95 Resp: 265639
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 167.6
 176 81.7 0.0 162.4

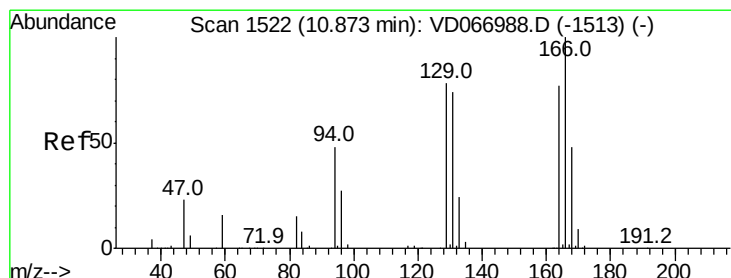
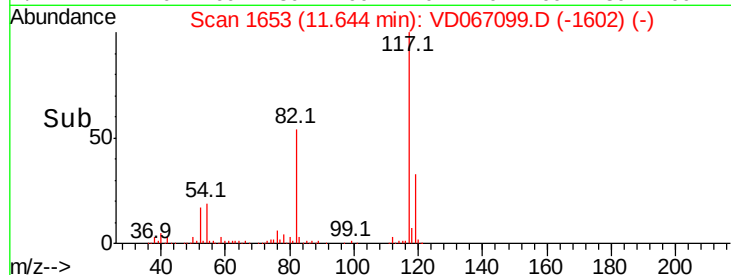
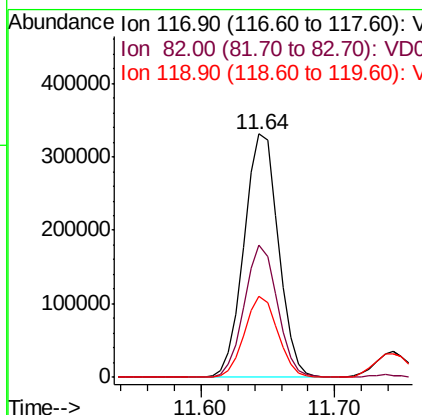
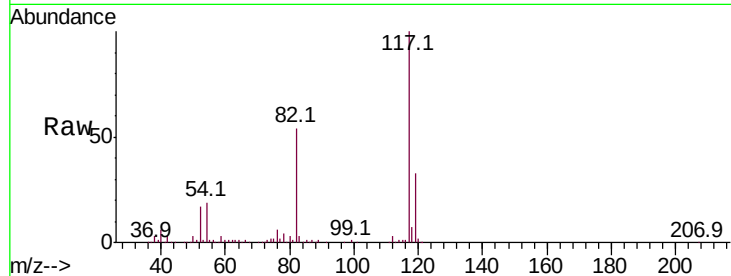




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

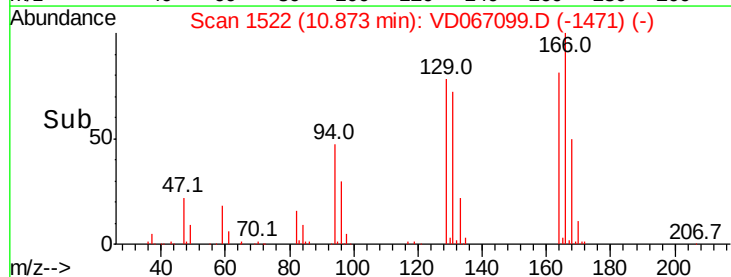
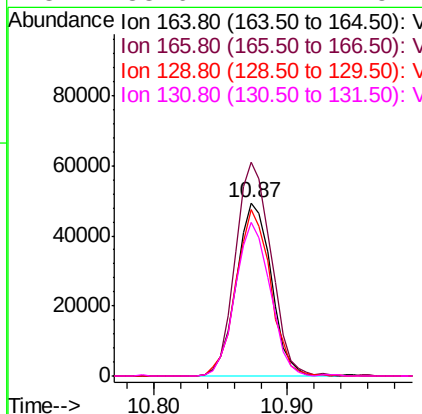
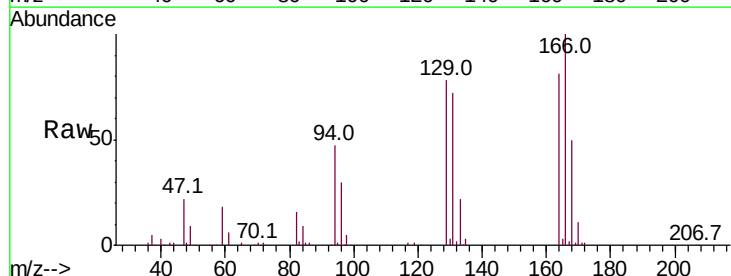
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

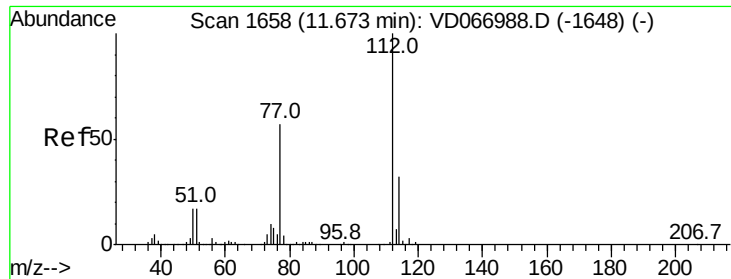
Tot Ion:117 Resp: 588813
Ion Ratio Lower Upper
117 100
82 54.5 42.6 63.8
119 33.3 26.3 39.5



#64
Tetrachloroethene
Concen: 20.899 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion:164 Resp: 89461
Ion Ratio Lower Upper
164 100
166 123.4 104.4 156.6
129 96.3 81.3 121.9
131 88.6 77.1 115.7

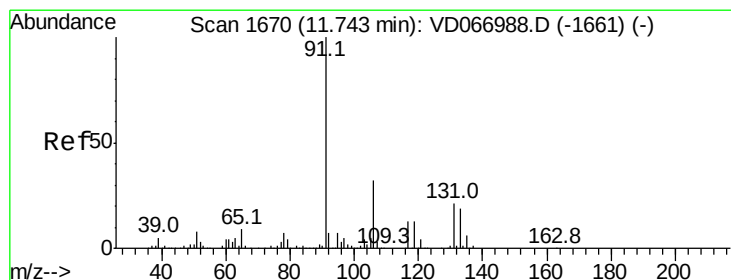
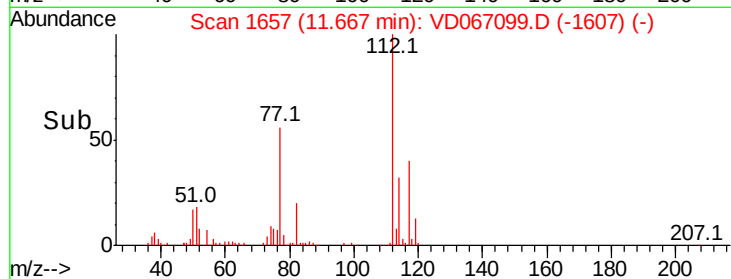
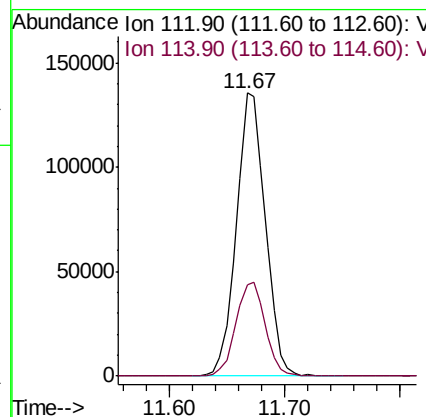
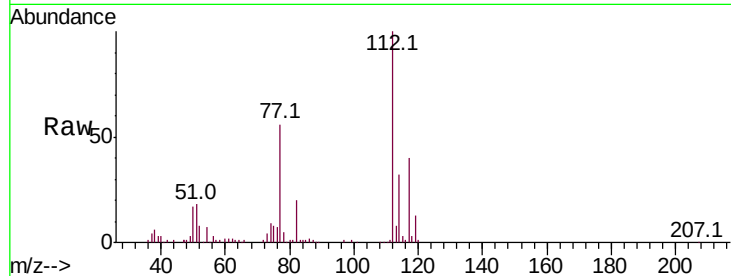




#65
Chlorobenzene
Concen: 20.030 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

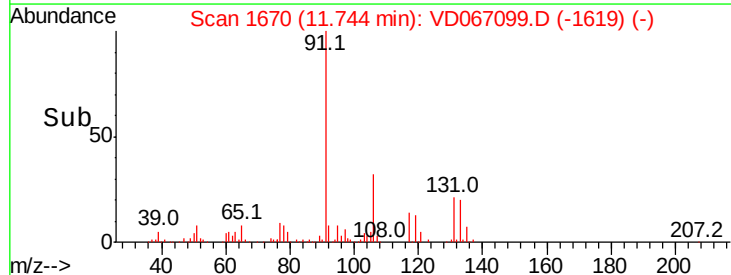
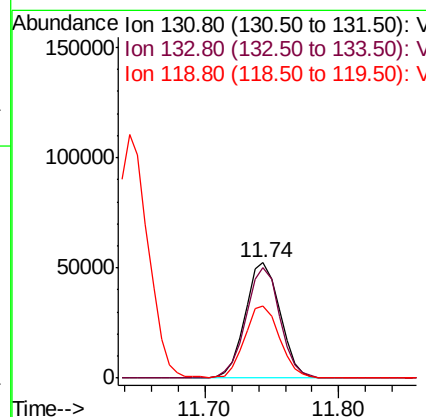
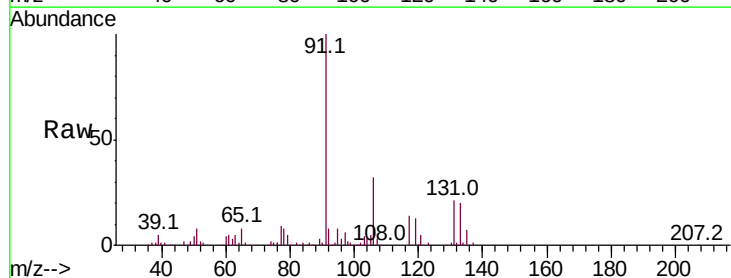
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

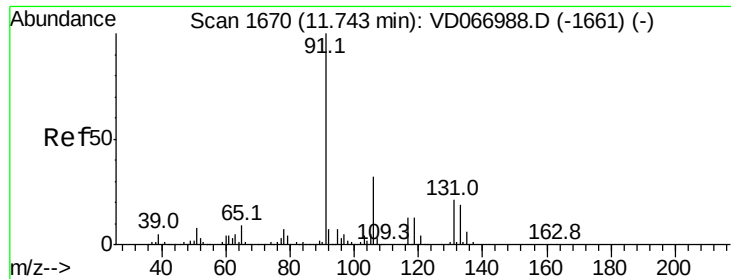
Tot Ion:112 Resp: 234567
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.238 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion:131 Resp: 94608
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.3
119 62.6 32.3 96.8





#67

Ethyl Benzene

Concen: 20.456 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

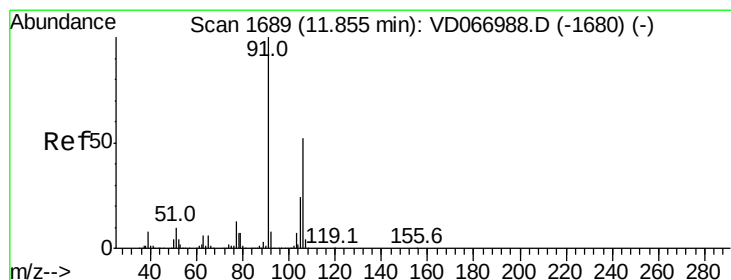
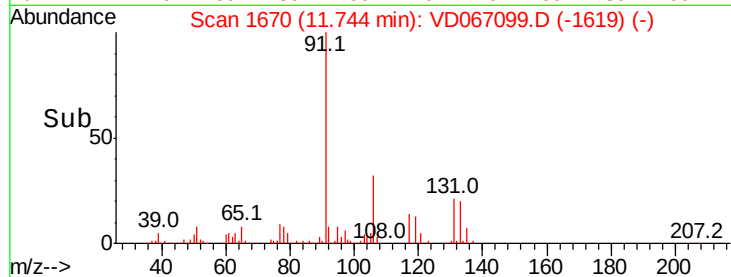
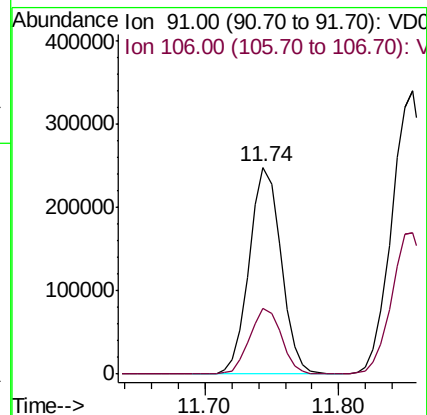
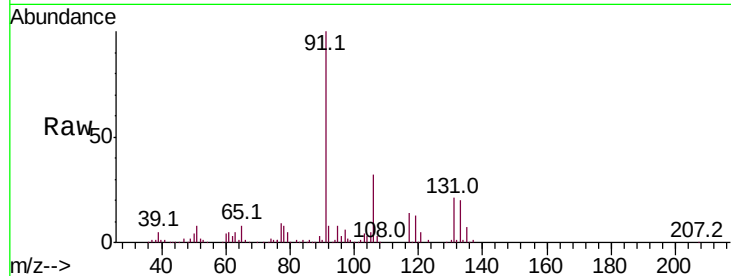
VD1006SBS01

Tot Ion: 91 Resp: 410463

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 41.689 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067099.D

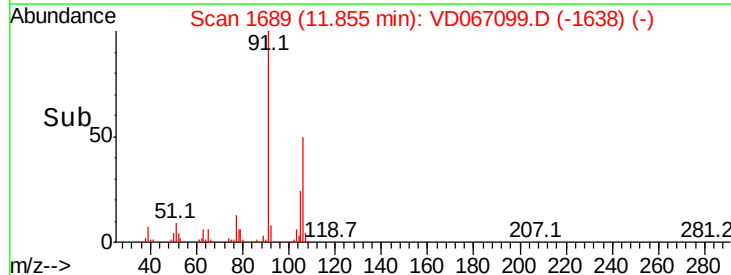
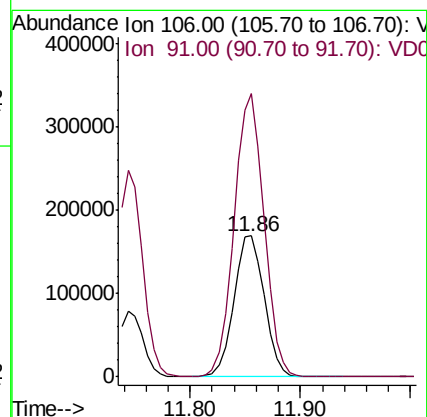
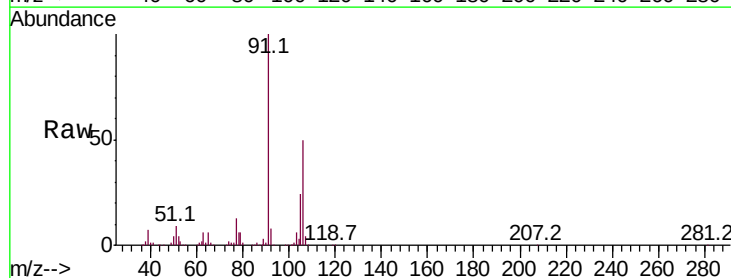
Acq: 06 Oct 2020 11:16

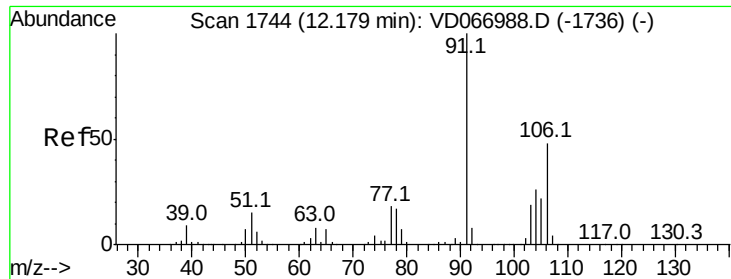
Tgt Ion: 106 Resp: 325992

Ion Ratio Lower Upper

106 100

91 198.6 158.4 237.6

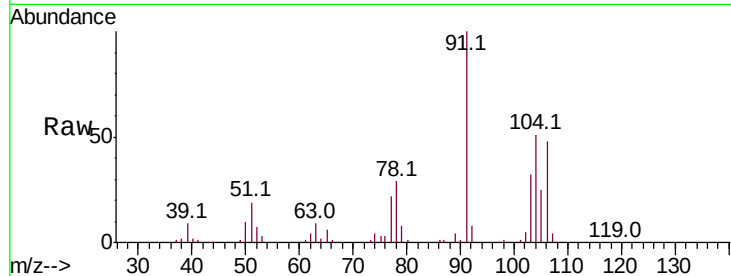




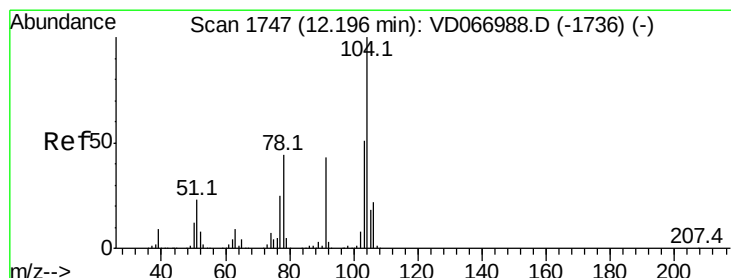
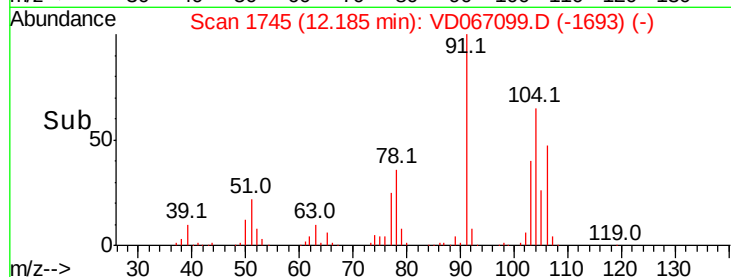
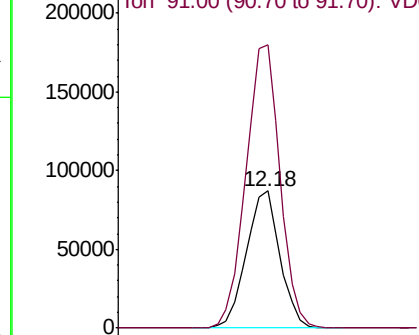
#69
o-Xylene
Concen: 20.651 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

Tot Ion:106 Resp: 144411
Ion Ratio Lower Upper
106 100
91 211.3 102.4 307.2

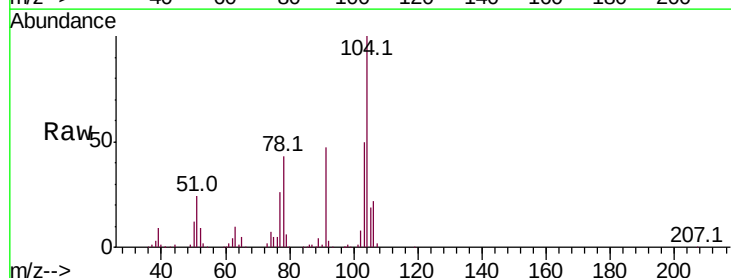


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

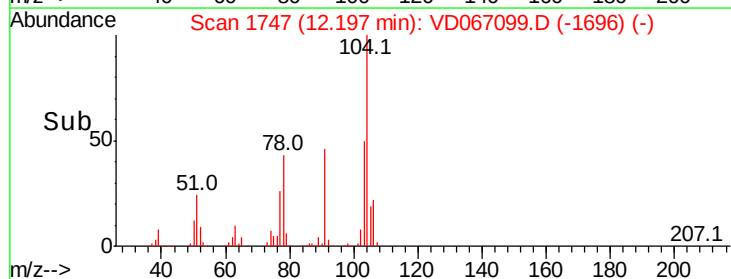
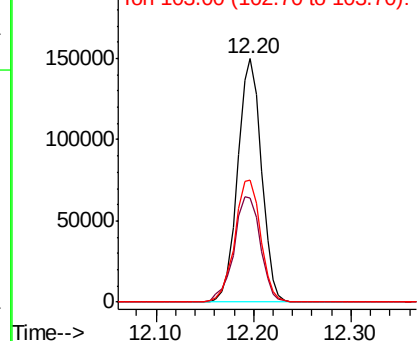


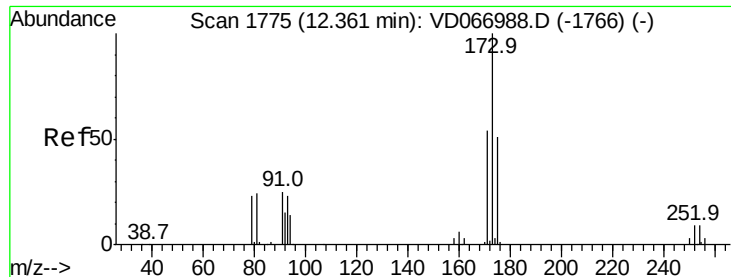
#70
Styrene
Concen: 21.167 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion:104 Resp: 254170
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.5 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.246 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

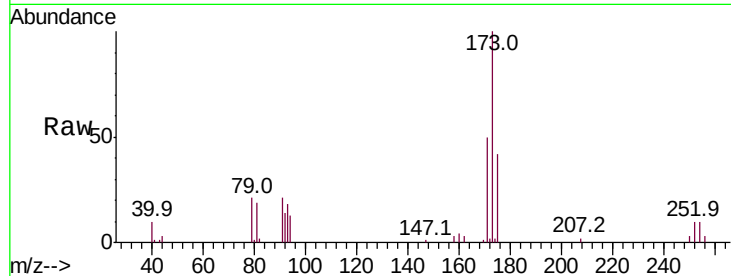
Tot Ion:173 Resp: 49128

Ion Ratio Lower Upper

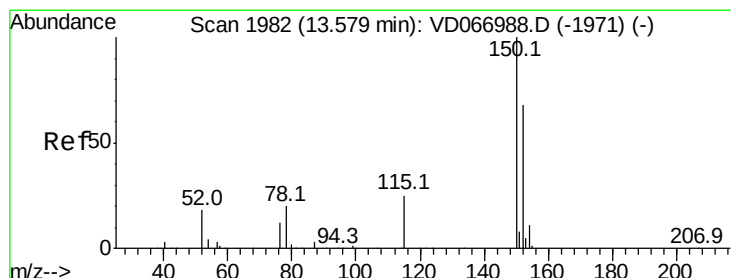
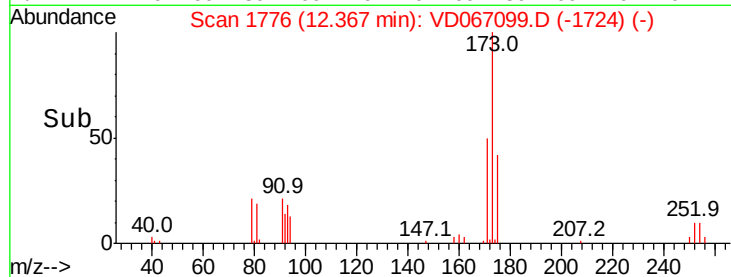
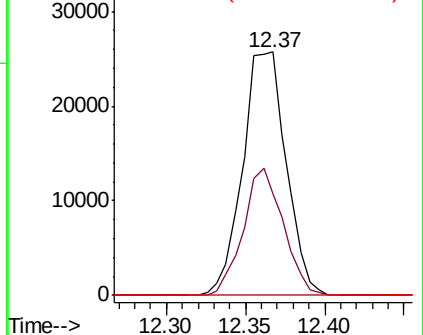
173 100

175 48.0 24.9 74.7

254 0.0 0.2 0.4#



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: VD067099.D

Acq: 06 Oct 2020 11:16

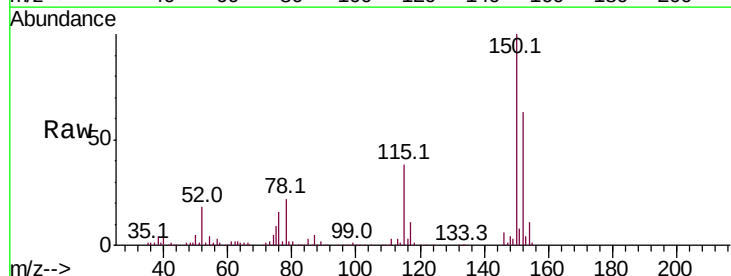
Tgt Ion:152 Resp: 291210

Ion Ratio Lower Upper

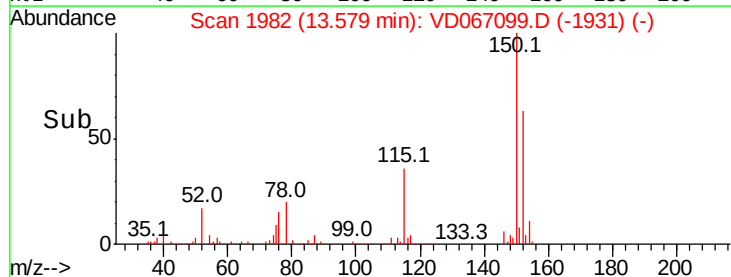
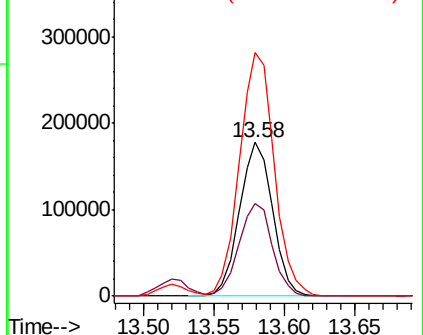
152 100

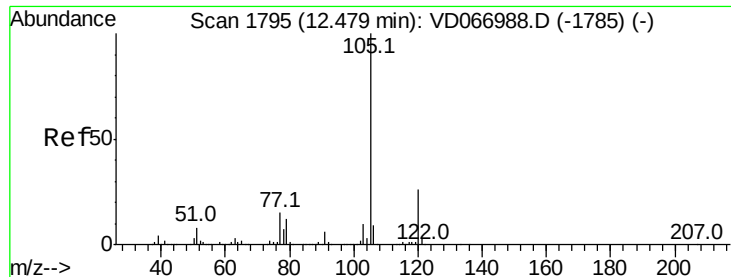
115 60.8 29.6 88.8

150 166.4 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.434 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

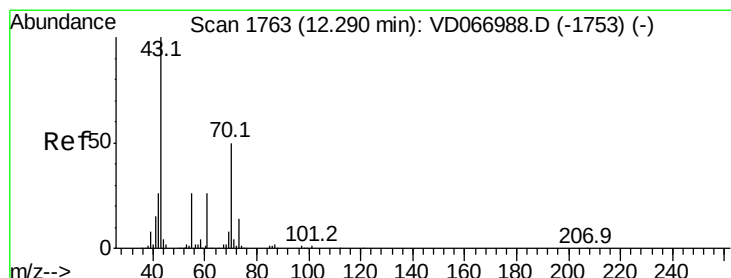
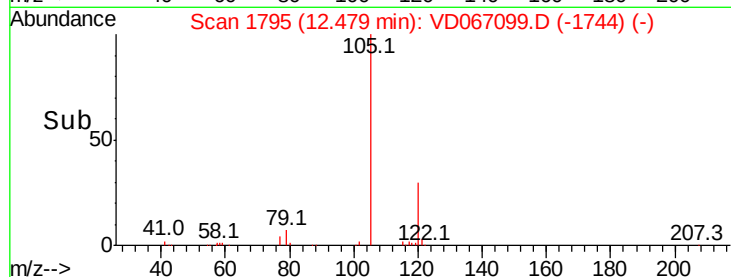
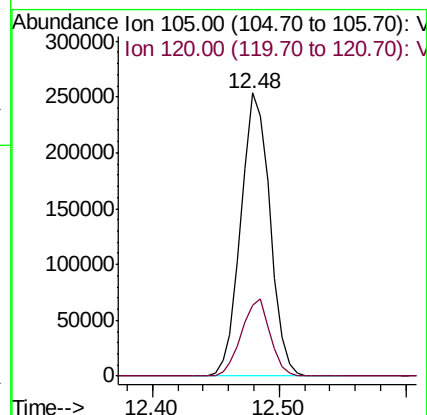
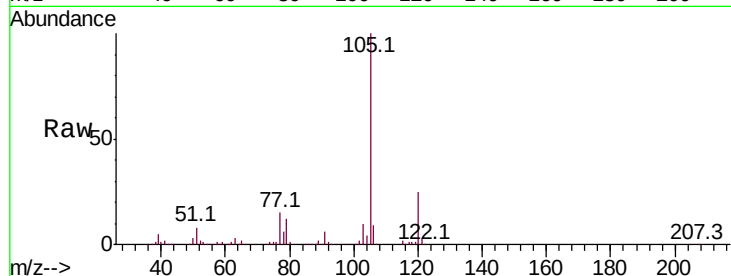
VD1006SBSD01

Tot Ion:105 Resp: 404056

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 18.300 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Tgt Ion: 43 Resp: 65049

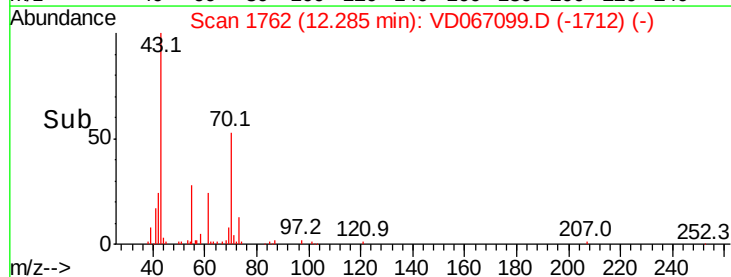
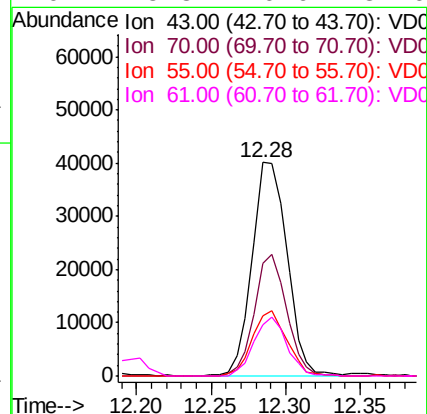
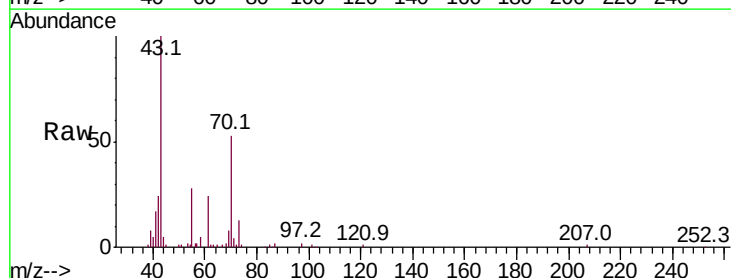
Ion Ratio Lower Upper

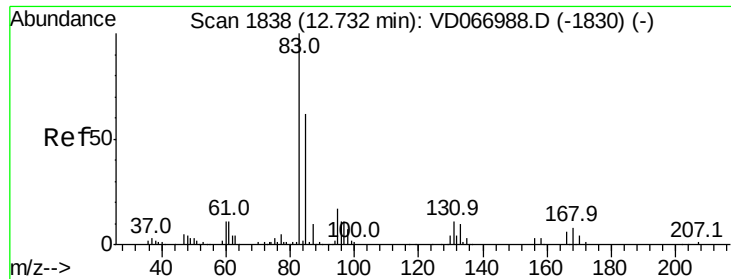
43 100

70 52.5 38.2 57.2

55 30.3 22.4 33.6

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.437 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

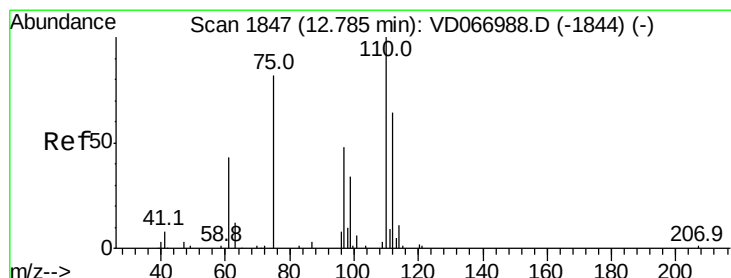
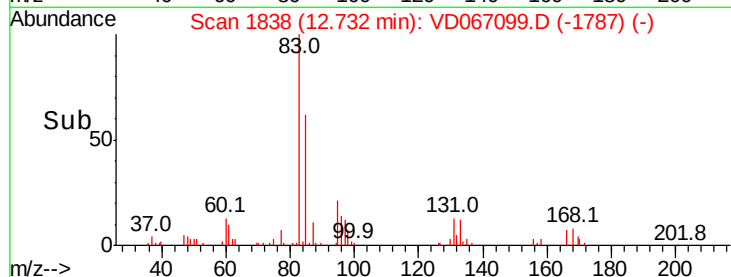
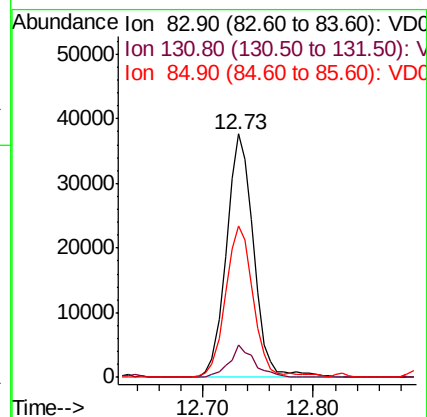
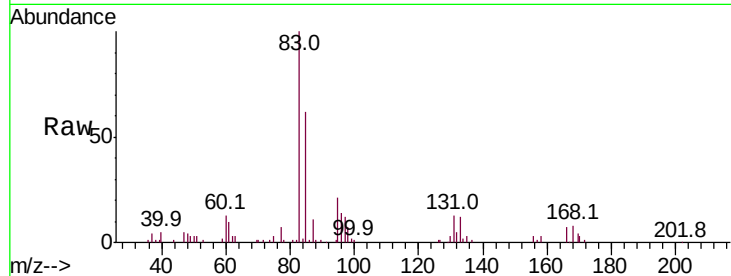
Tot Ion: 83 Resp: 64757

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.7	17.0
85	62.5	32.0	96.2

83 100

131 12.2 5.7 17.0

85 62.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 33.452 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067099.D

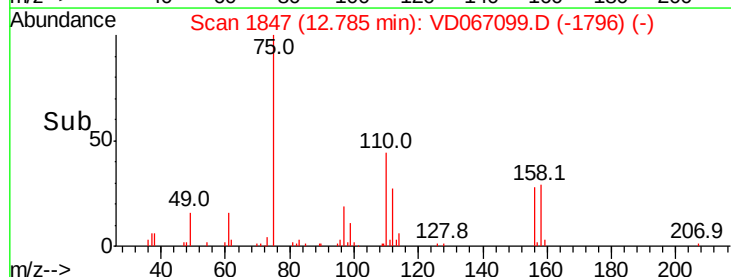
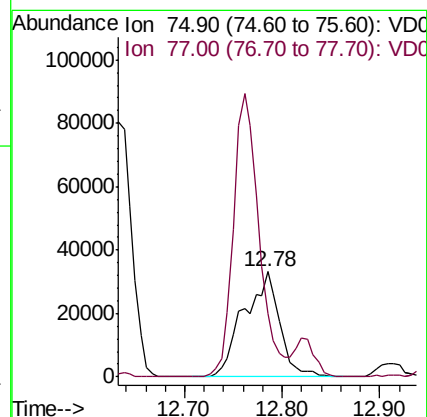
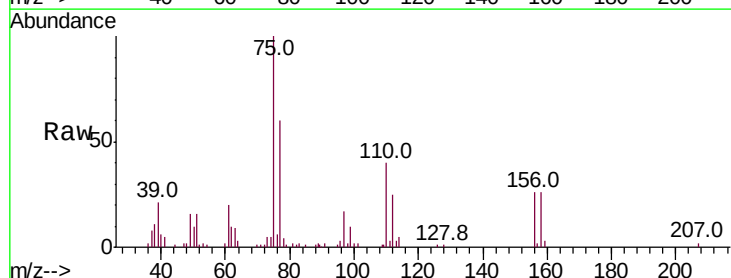
Acq: 06 Oct 2020 11:16

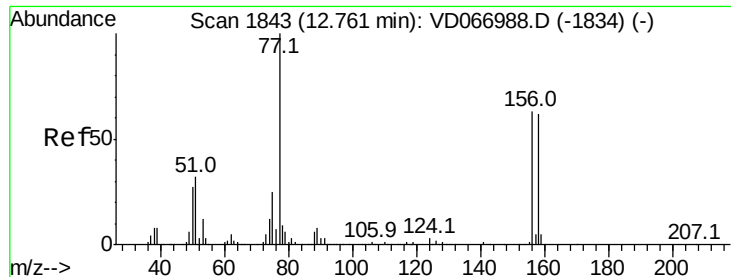
Tgt Ion: 75 Resp: 84853

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.576 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

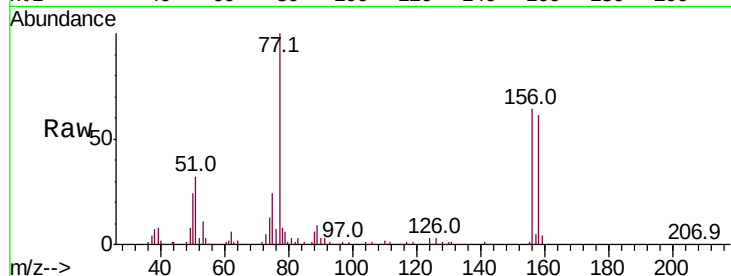
Tot Ion:156 Resp: 98240

Ion Ratio Lower Upper

156 100

77 165.6 86.3 258.8

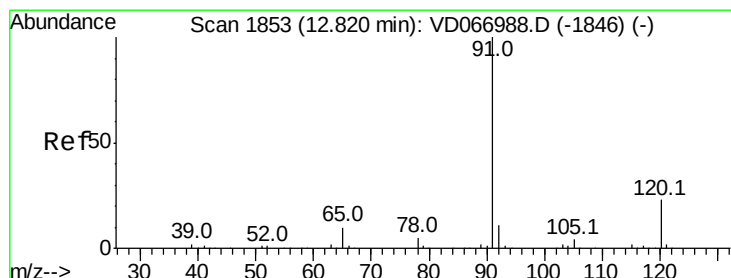
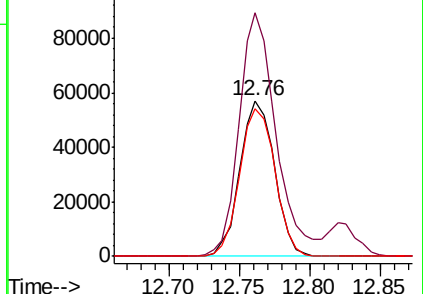
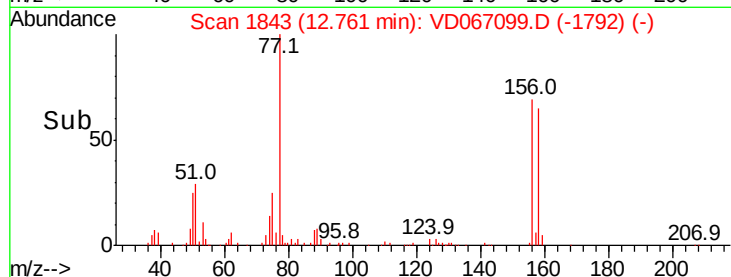
158 96.9 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.097 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067099.D

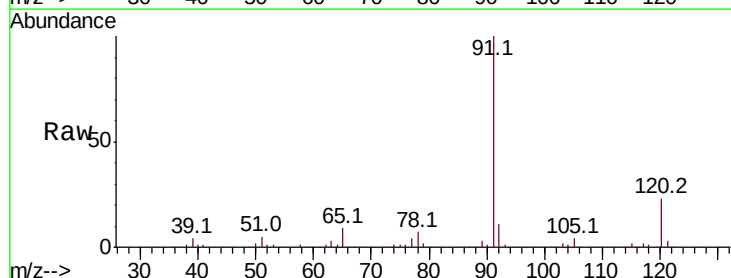
Acq: 06 Oct 2020 11:16

Tgt Ion: 91 Resp: 469644

Ion Ratio Lower Upper

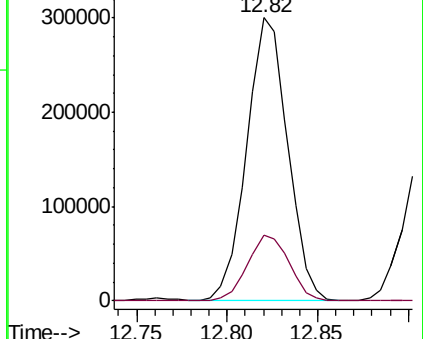
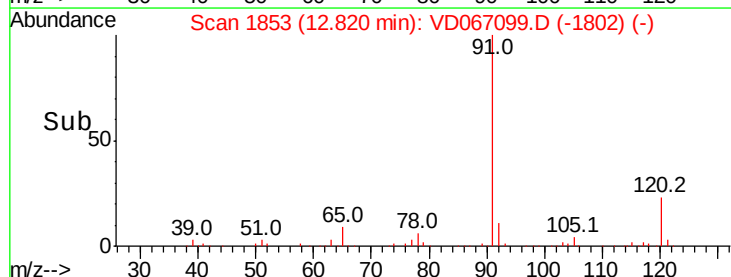
91 100

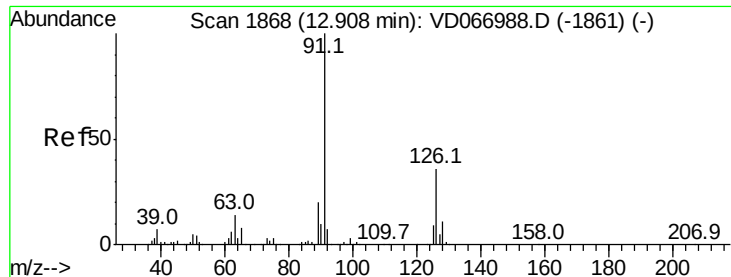
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

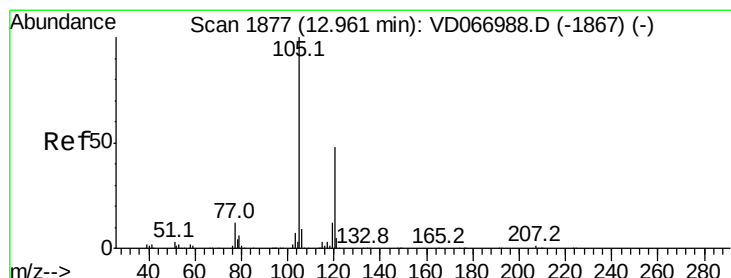
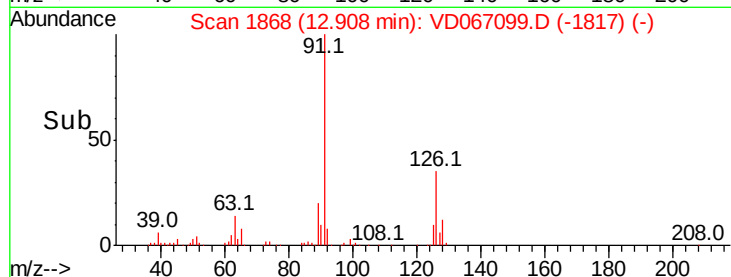
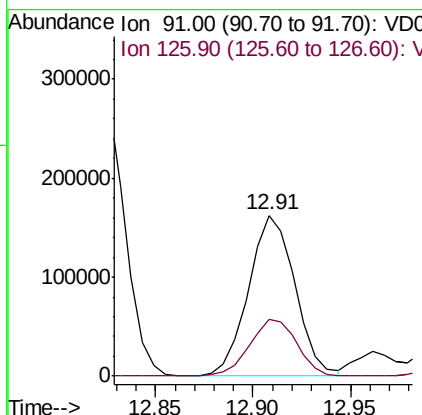
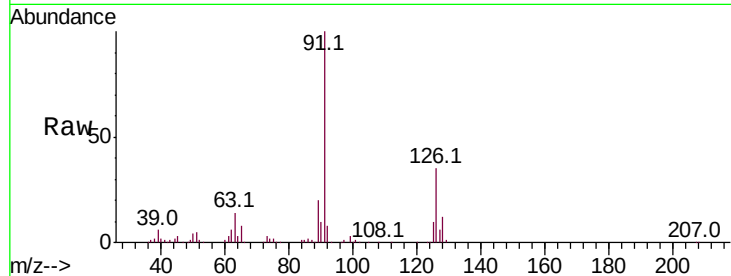




#79
 2-Chlorotoluene
 Concen: 19.992 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

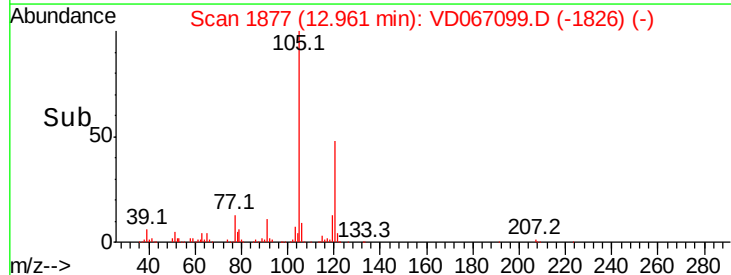
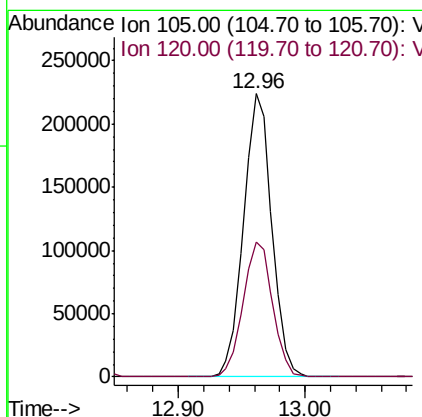
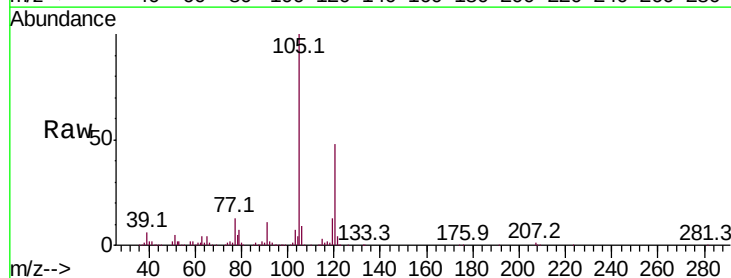
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

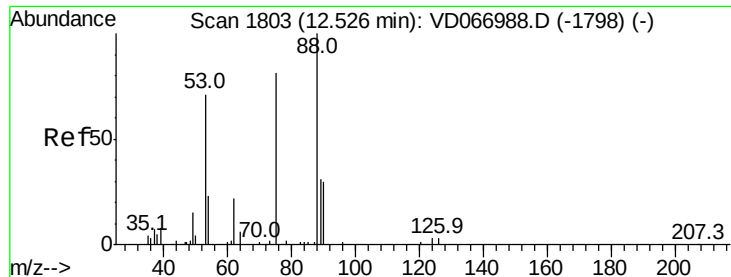
Tot Ion: 91 Resp: 267306
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.768 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion: 105 Resp: 346949
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.652 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

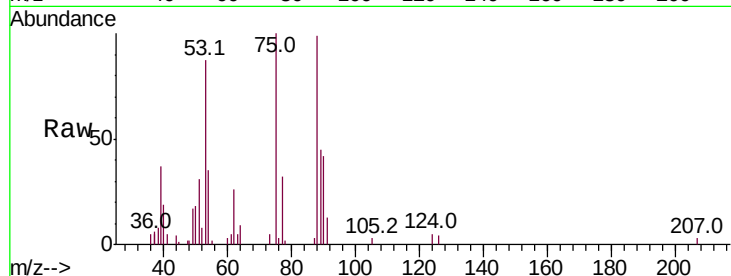
Tot Ion: 75 Resp: 19994

Ion Ratio Lower Upper

75 100

53 89.5 73.8 110.6

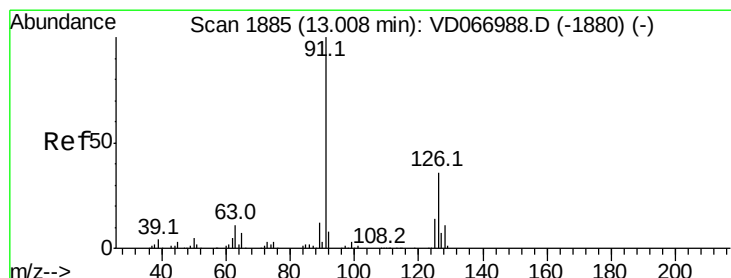
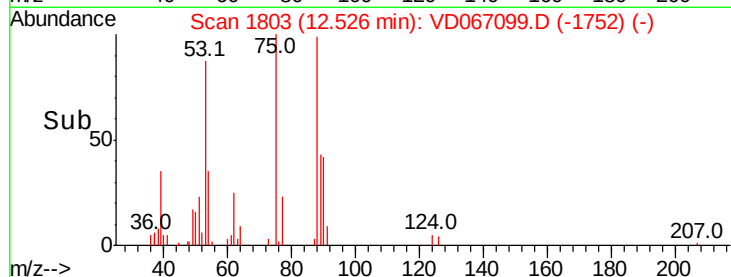
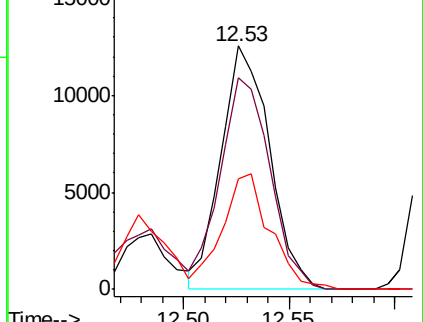
89 47.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.353 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067099.D

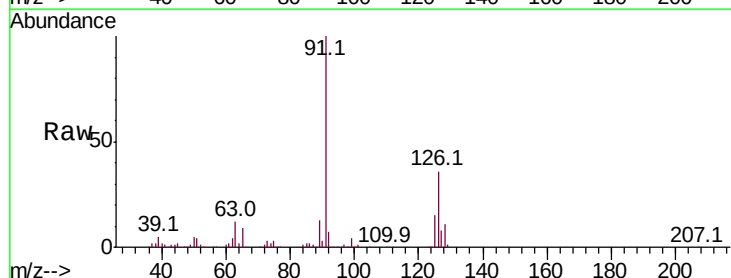
Acq: 06 Oct 2020 11:16

Tgt Ion: 91 Resp: 289535

Ion Ratio Lower Upper

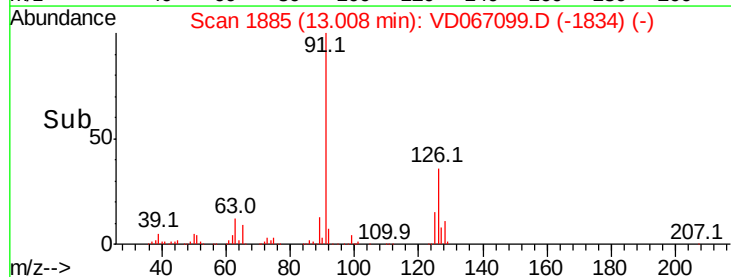
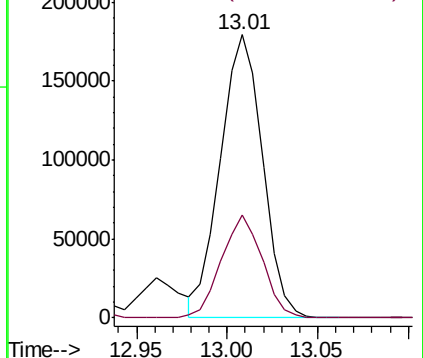
91 100

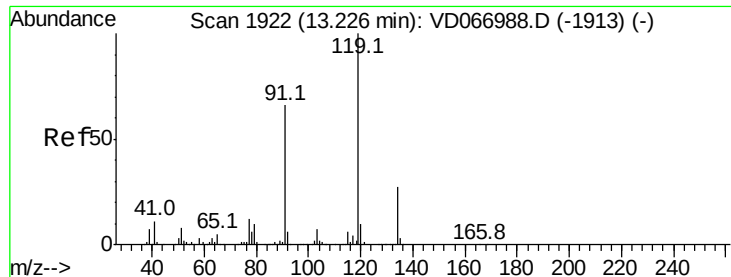
126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.051 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

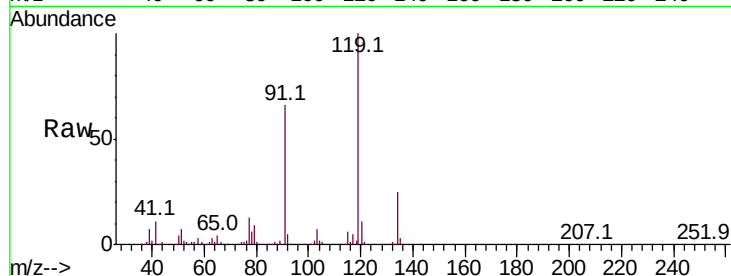
Tot Ion:119 Resp: 282082

Ion Ratio Lower Upper

119 100

91 65.5 32.8 98.3

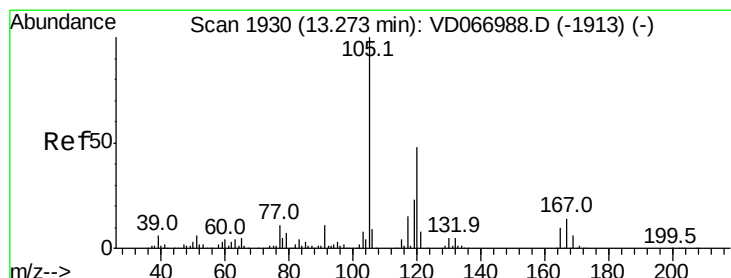
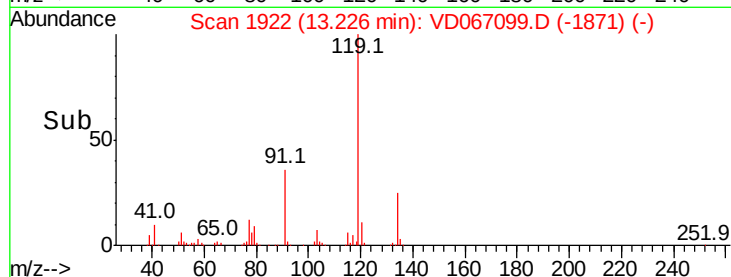
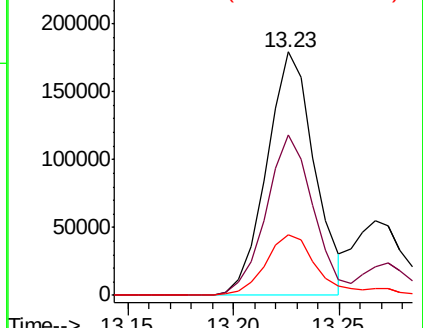
134 26.6 13.9 41.7



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: 20.867 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067099.D

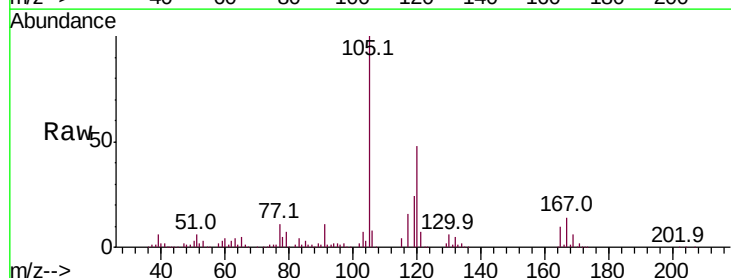
Acq: 06 Oct 2020 11:16

Tgt Ion:105 Resp: 347900

Ion Ratio Lower Upper

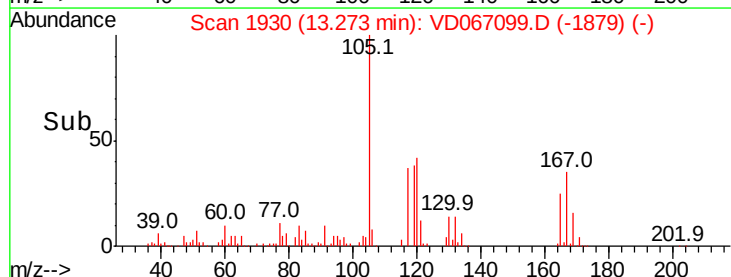
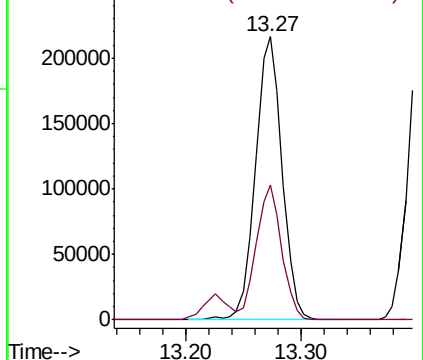
105 100

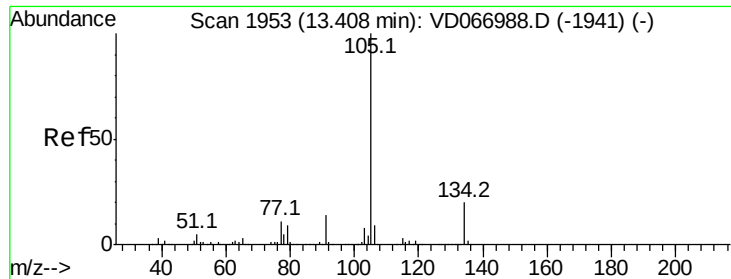
120 45.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.317 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

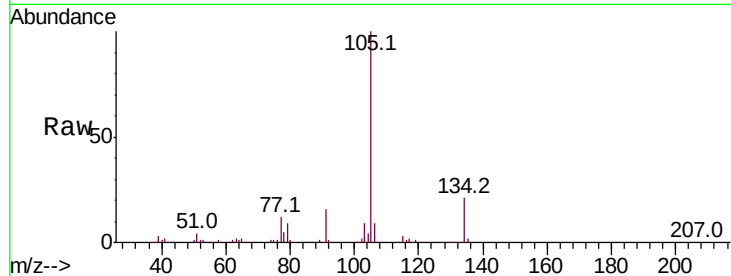
VD1006SBS01

Tot Ion:105 Resp: 402510

Ion Ratio Lower Upper

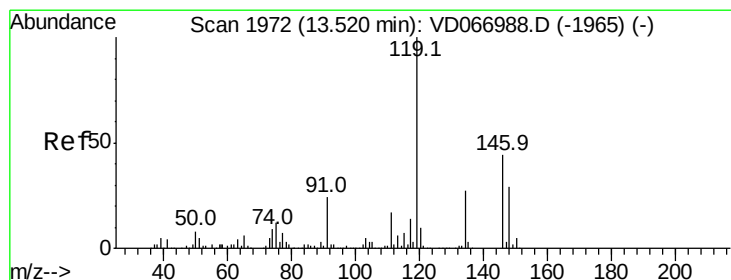
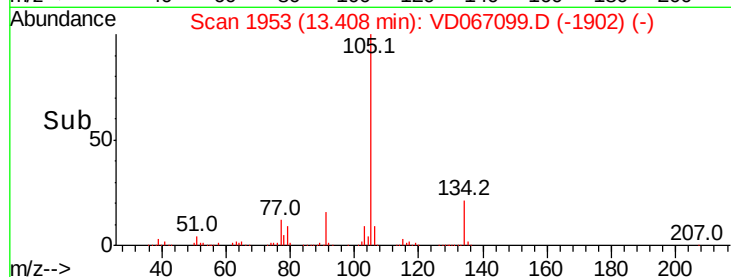
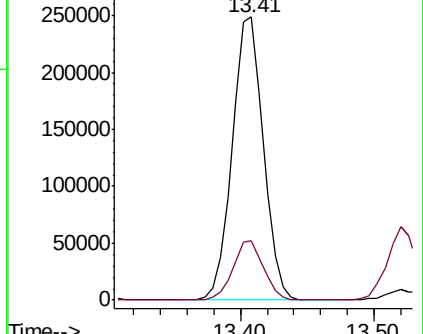
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.808 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

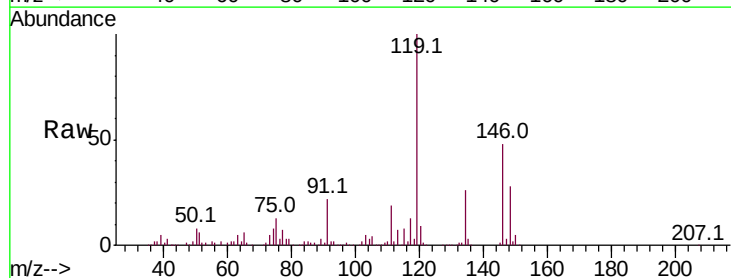
Tgt Ion:119 Resp: 382198

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

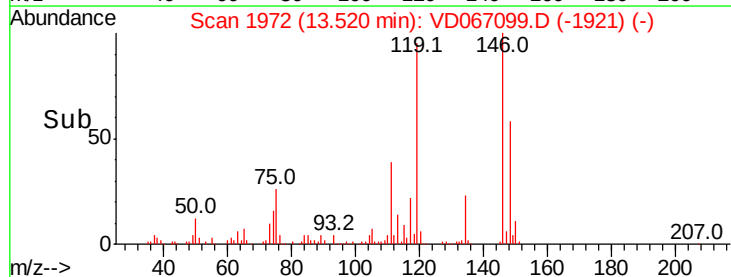
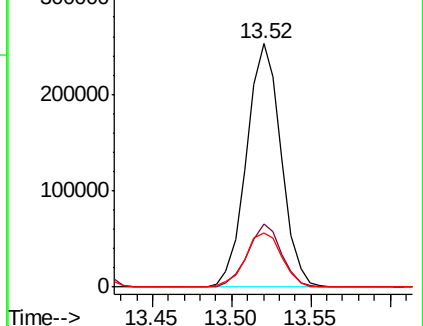
91 23.5 11.7 35.1

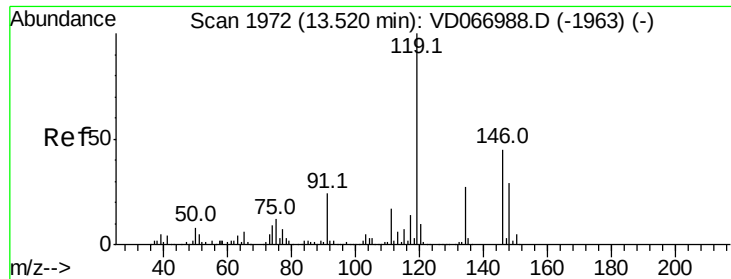


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

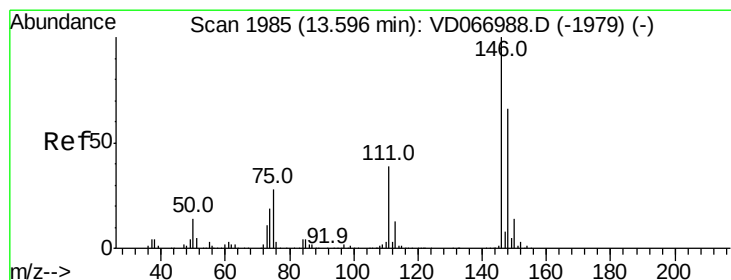
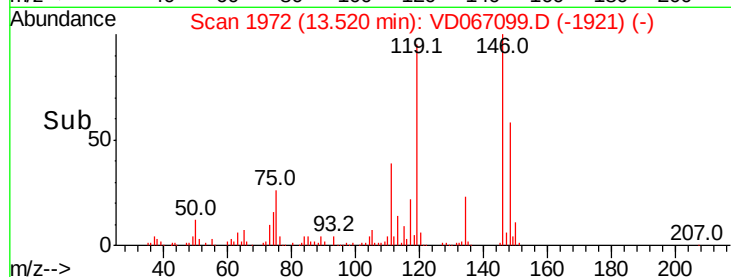
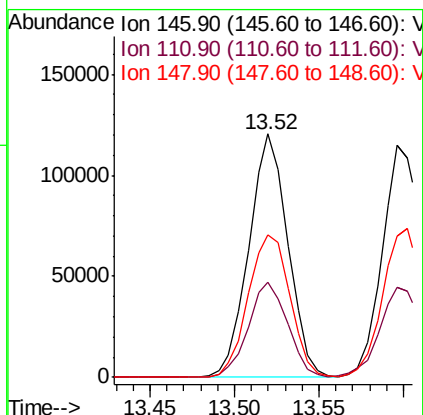
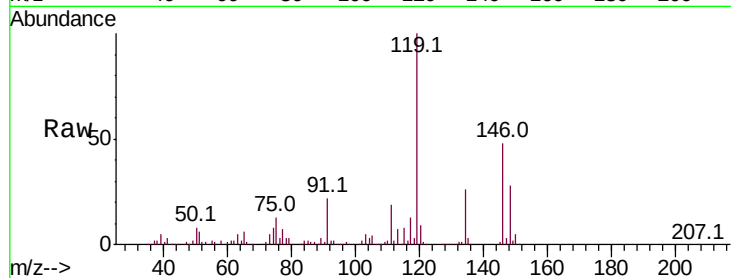




#87
 1,3-Dichlorobenzene
 Concen: 20.790 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

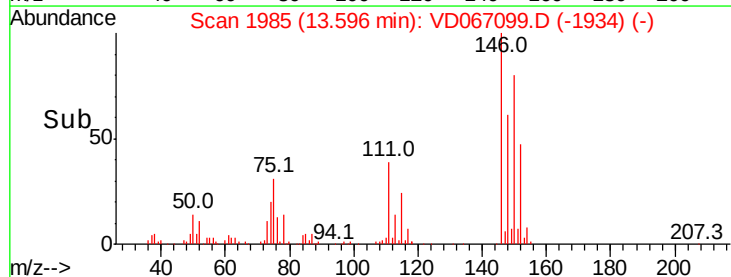
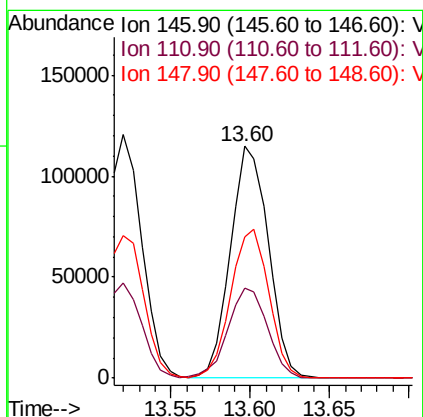
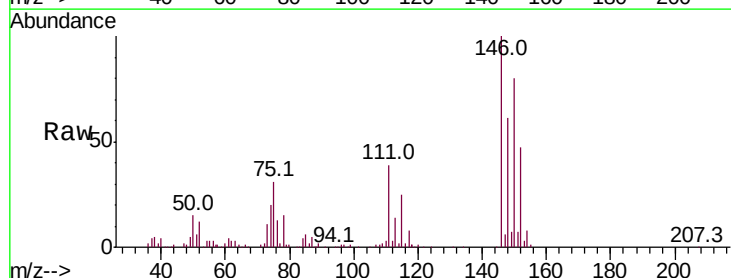
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

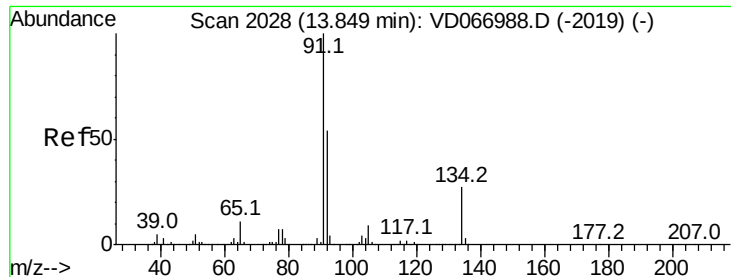
Tot Ion:146 Resp: 193351
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 62.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.515 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion:146 Resp: 190766
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.7
 148 64.7 32.6 97.7

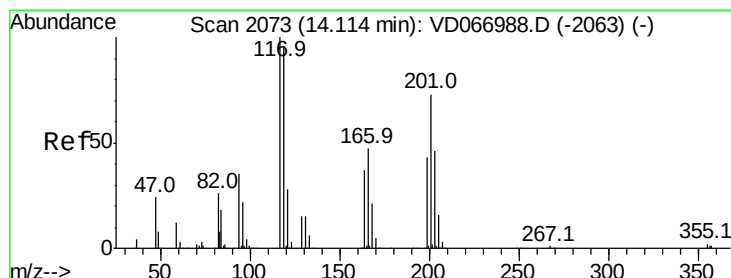
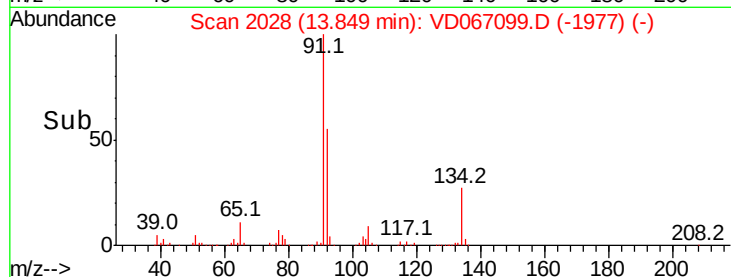
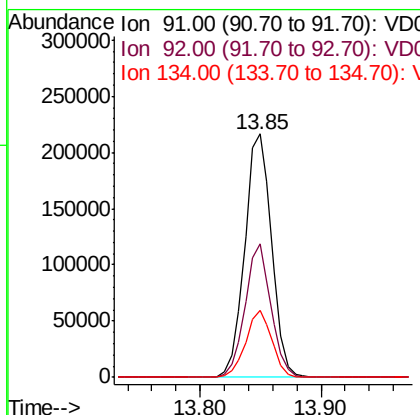
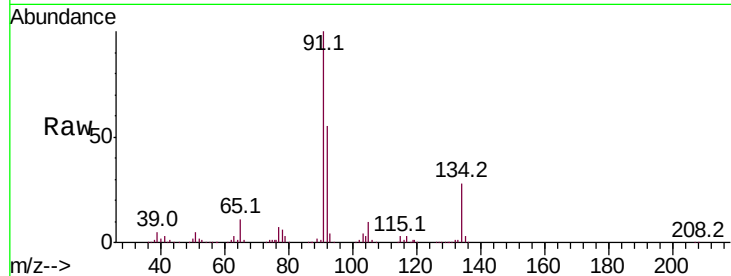




#89
n-Butylbenzene
Concen: 19.928 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

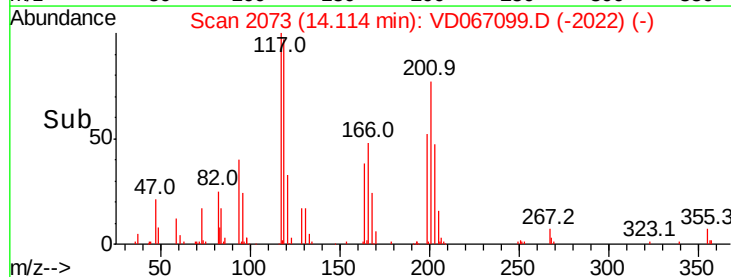
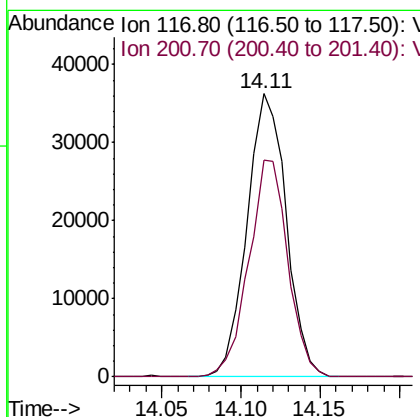
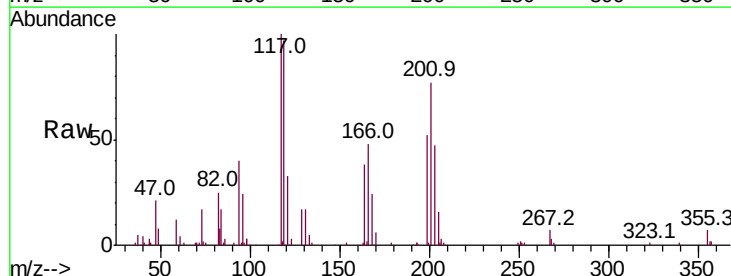
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD01

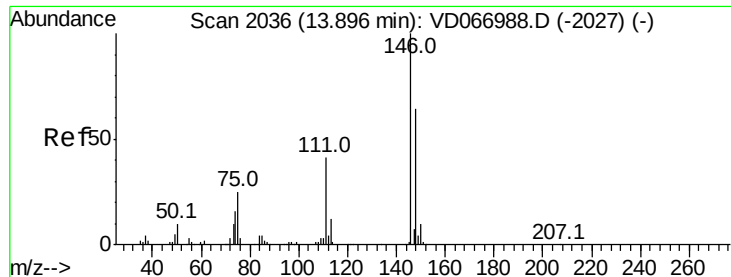
Tot Ion: 91 Resp: 334529
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.2
134 26.9 13.6 40.8



#90
Hexachloroethane
Concen: 19.435 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067099.D
Acq: 06 Oct 2020 11:16

Tgt Ion: 117 Resp: 62531
Ion Ratio Lower Upper
117 100
201 76.5 37.0 110.9

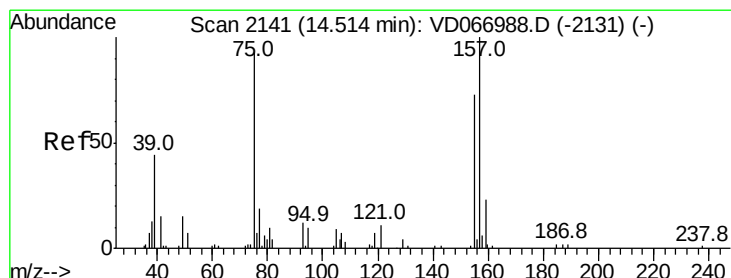
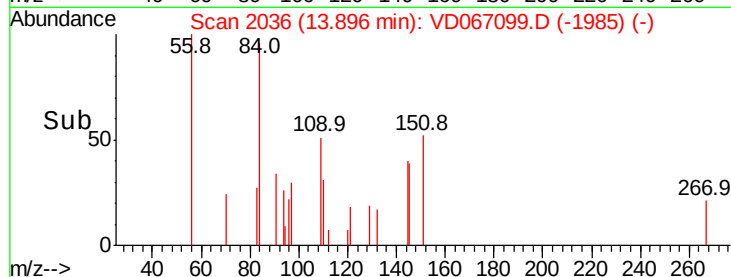
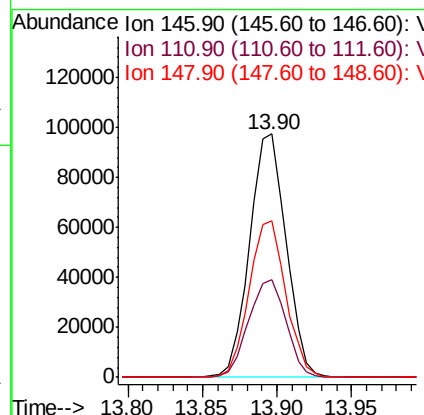
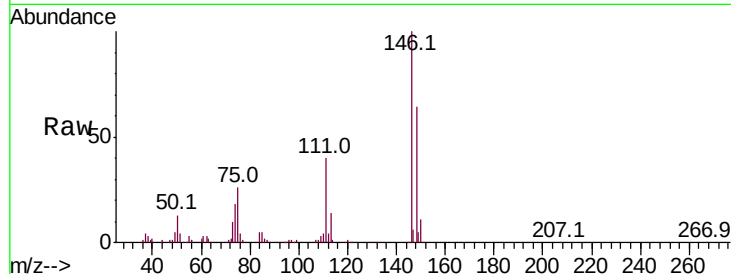




#91
 1,2-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

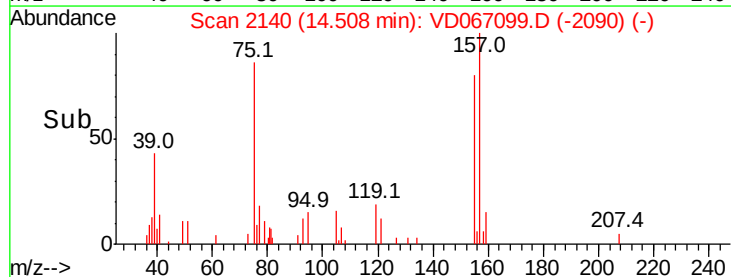
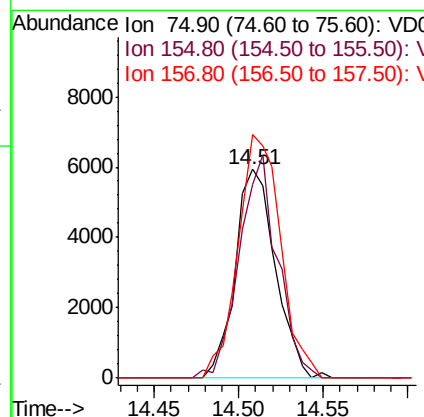
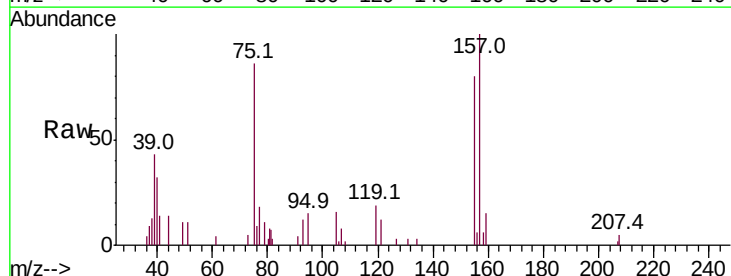
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

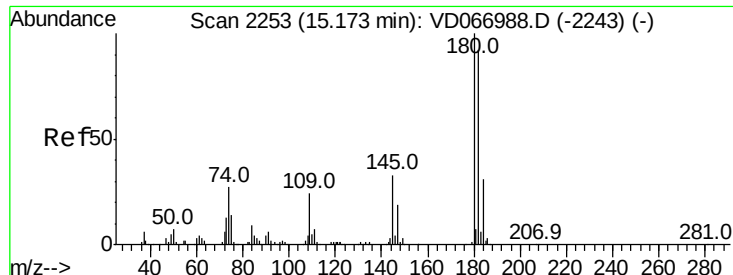
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	64.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.259 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.1	45.2	135.6
157	123.7	56.3	168.8

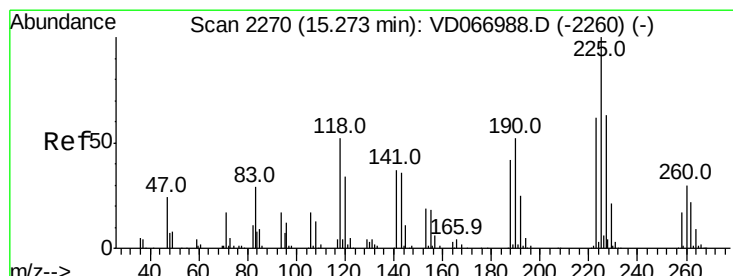
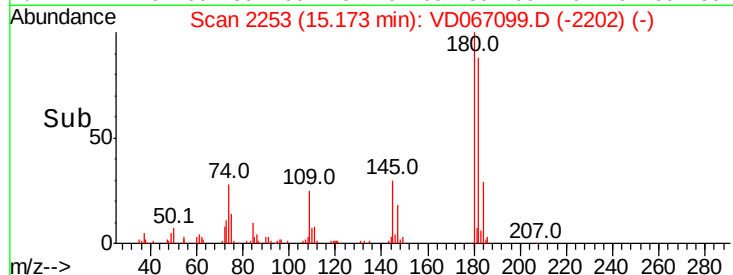
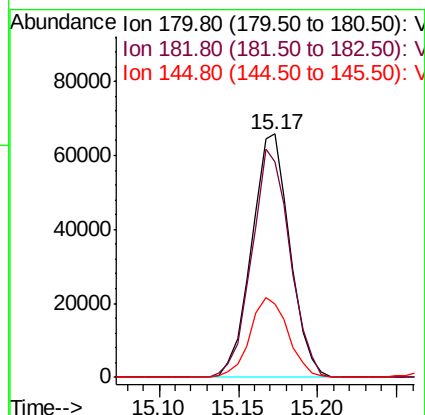
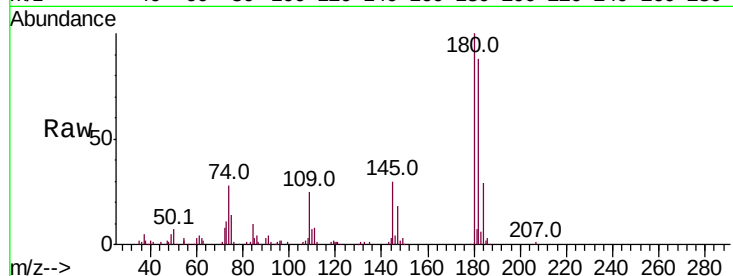




#93
 1,2,4-Trichlorobenzene
 Concen: 21.004 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

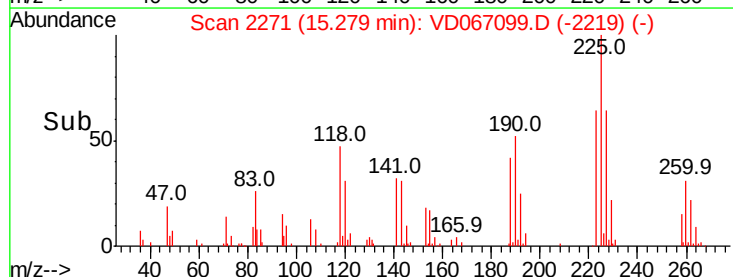
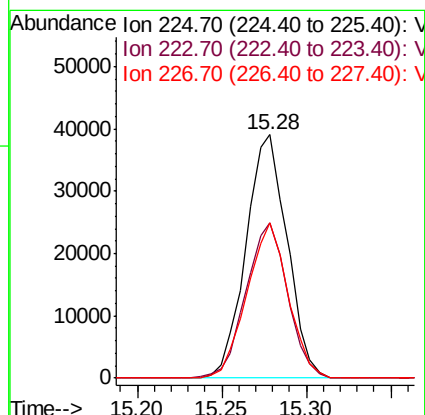
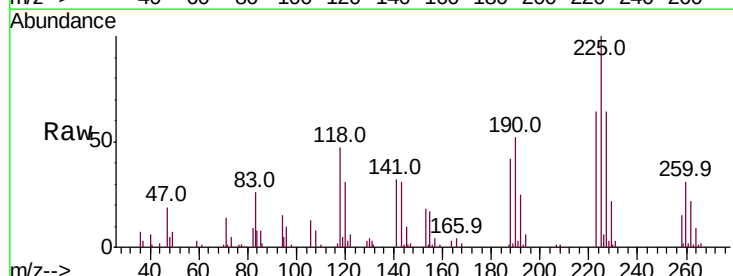
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD01

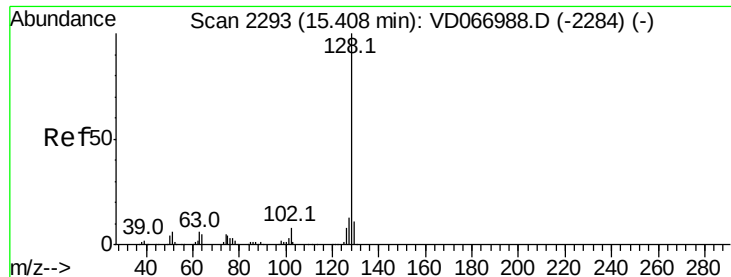
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	32.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 20.532 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067099.D
 Acq: 06 Oct 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.4	97.0
227	63.5	31.6	95.0





#95

Naphthalene

Concen: 19.861 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD01

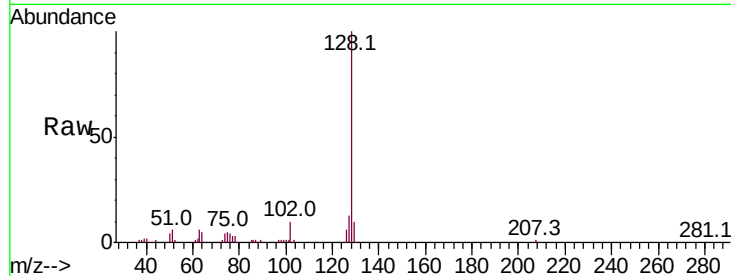
Tot Ion:128 Resp: 174035

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.6 13.0

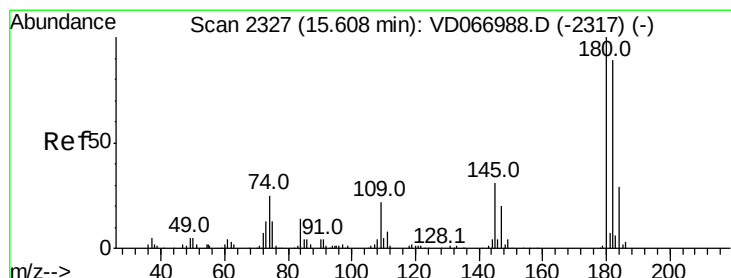
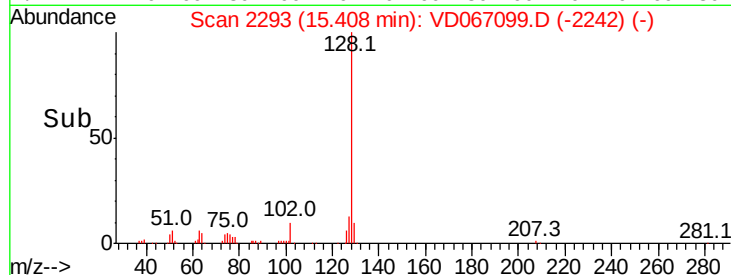
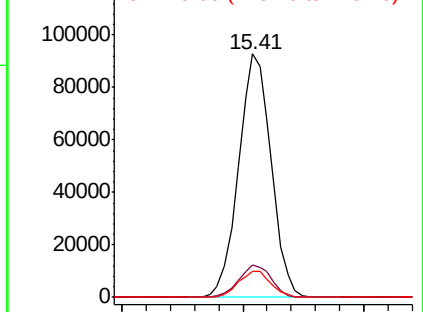


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.957 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067099.D

Acq: 06 Oct 2020 11:16

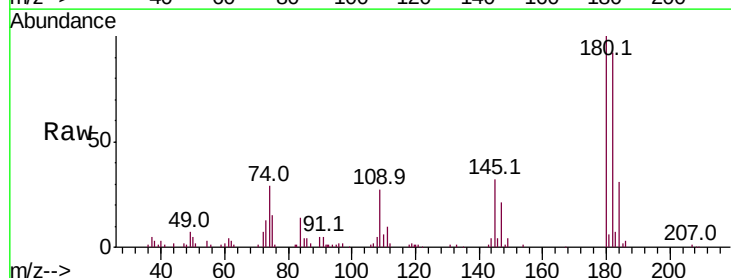
Tgt Ion:180 Resp: 91015

Ion Ratio Lower Upper

180 100

182 97.7 46.4 139.1

145 35.3 16.6 49.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

