

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067053.D
 Acq On : 03 Oct 2020 00:37
 Operator : VA/SY
 Sample : VD1002SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Quant Time: Oct 03 05:41:54 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	406746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209736	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	226885	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.34	98	845902	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.63	95	289716	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	83036	22.647	ug/l	97
3) Chloromethane	2.21	50	69202	21.364	ug/l	95
4) Vinyl Chloride	2.35	62	66567	20.495	ug/l	95
5) Bromomethane	2.76	94	50023	21.418	ug/l	95
6) Chloroethane	2.91	64	41324	20.892	ug/l	88
7) Trichlorofluoromethane	3.27	101	148033	20.514	ug/l	93
8) Diethyl Ether	3.71	74	40692	22.740	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	83837	20.555	ug/l	99
10) Methyl Iodide	4.30	142	78433	19.791	ug/l	98
11) Tert butyl alcohol	5.22	59	29306	98.117	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	78149	20.382	ug/l	99
13) Acrolein	3.93	56	20261	77.234	ug/l	99
14) Allyl chloride	4.71	41	103997	20.878	ug/l	98
15) Acrylonitrile	5.43	53	73927	112.248	ug/l	97
16) Acetone	4.16	43	62743	104.913	ug/l	99
17) Carbon Disulfide	4.41	76	252571	21.464	ug/l #	92
18) Methyl Acetate	4.71	43	38160	25.388	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	155994	22.286	ug/l	97
20) Methylene Chloride	4.97	84	116787	23.691	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	97452	22.333	ug/l	95
22) Diisopropyl ether	6.36	45	209315	23.018	ug/l #	93
23) Vinyl Acetate	6.31	43	530426	102.934	ug/l	99
24) 1,1-Dichloroethane	6.27	63	160082	22.810	ug/l	98
25) 2-Butanone	7.21	43	90114	106.280	ug/l	94
26) 2,2-Dichloropropane	7.21	77	123975	18.020	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	107728	23.116	ug/l	98
28) Bromochloromethane	7.55	49	56497	20.846	ug/l	97
29) Tetrahydrofuran	7.57	42	54392	111.566	ug/l	95
30) Chloroform	7.71	83	172852	22.705	ug/l	96
31) Cyclohexane	7.98	56	118118	20.076	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	153253	21.721	ug/l	100
36) 1,1-Dichloropropene	8.11	75	124335	20.526	ug/l	98
37) Ethyl Acetate	7.29	43	44812	21.355	ug/l	99
38) Carbon Tetrachloride	8.10	117	139929	21.351	ug/l	99

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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	9.35	83	126476	19.749	ug/l	98
40) Benzene	8.35	78	373913	22.224	ug/l	96
41) Methacrylonitrile	7.52	41	20906	18.441	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104016	22.125	ug/l	98
43) Isopropyl Acetate	8.45	43	84274	21.800	ug/l	99
44) Trichloroethene	9.11	130	111057	22.106	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89176	22.558	ug/l	94
46) Dibromomethane	9.47	93	50833	22.373	ug/l	95
47) Bromodichloromethane	9.66	83	134721	22.811	ug/l	97
48) Methyl methacrylate	9.45	41	38033	19.204	ug/l #	80
49) 1,4-Dioxane	9.46	88	11151	470.248	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	207092	107.552	ug/l	99
52) Toluene	10.40	92	248305	22.911	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	115690	21.917	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	139650	21.666	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	72021	22.800	ug/l	97
56) Ethyl methacrylate	10.66	69	72973	22.375	ug/l	98
57) 1,3-Dichloropropane	10.94	76	117679	22.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	199300	109.795	ug/l	99
59) 2-Hexanone	10.98	43	137145	106.714	ug/l	97
60) Dibromochloromethane	11.14	129	96325	22.879	ug/l	98
61) 1,2-Dibromoethane	11.25	107	68963	22.724	ug/l	97
64) Tetrachloroethene	10.87	164	96054	21.604	ug/l	94
65) Chlorobenzene	11.67	112	270004	22.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	100782	21.783	ug/l	98
67) Ethyl Benzene	11.74	91	455242	21.844	ug/l	99
68) m/p-Xylenes	11.85	106	357213	43.982	ug/l	98
69) o-Xylene	12.18	106	159477	21.958	ug/l	96
70) Styrene	12.20	104	282712	22.669	ug/l	99
71) Bromoform	12.36	173	53251	22.173	ug/l #	100
73) Isopropylbenzene	12.48	105	434529	21.389	ug/l	100
74) N-amyl acetate	12.29	43	72214	19.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73646	21.516	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	92734	35.585	ug/l #	100
77) Bromobenzene	12.76	156	108889	22.198	ug/l	99
78) n-propylbenzene	12.82	91	516301	21.504	ug/l	99
79) 2-Chlorotoluene	12.91	91	303994	22.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	374344	21.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20174	19.300	ug/l	98
82) 4-Chlorotoluene	13.01	91	318407	21.786	ug/l	99
83) tert-Butylbenzene	13.23	119	303317	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	376653	21.989	ug/l	98
85) sec-Butylbenzene	13.40	105	424702	20.865	ug/l	99
86) p-Isopropyltoluene	13.52	119	391822	20.763	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	209616	21.938	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205993	21.561	ug/l	99
89) n-Butylbenzene	13.85	91	345527	20.035	ug/l	99
90) Hexachloroethane	14.11	117	69848	21.131	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	183284	21.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11325	20.526	ug/l	98

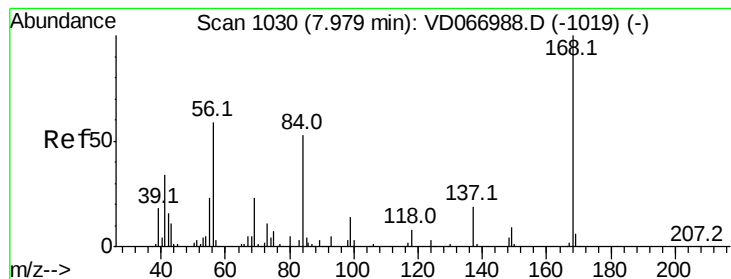
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114232	21.164	ug/l	99
94) Hexachlorobutadiene	15.27	225	65504	19.761	ug/l	98
95) Naphthalene	15.41	128	188897	20.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	102124	21.796	ug/l	100

(#) = 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: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

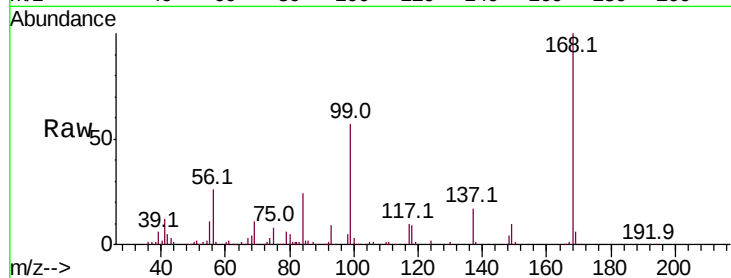
VD1002SBS02

Tot Ion:168 Resp: 406746

Ion Ratio Lower Upper

168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

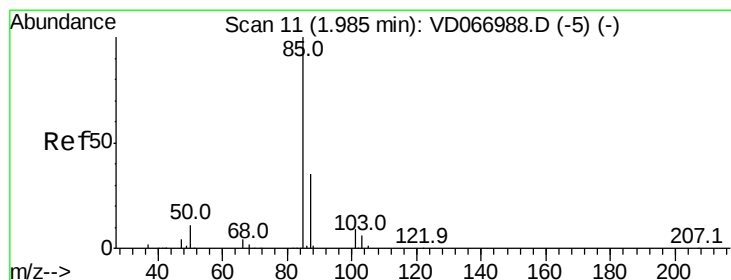
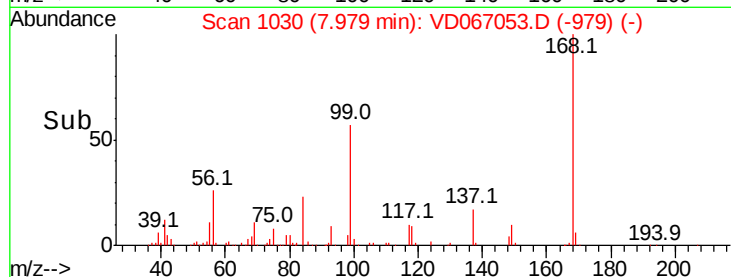
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.647 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067053.D

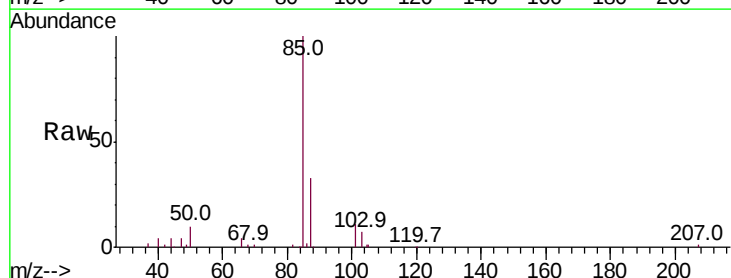
Acq: 03 Oct 2020 00:37

Tgt Ion: 85 Resp: 83036

Ion Ratio Lower Upper

85 100

87 33.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

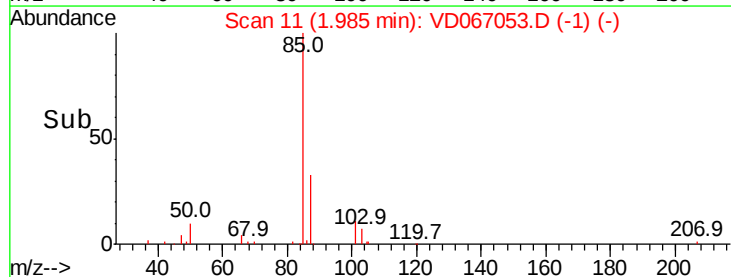
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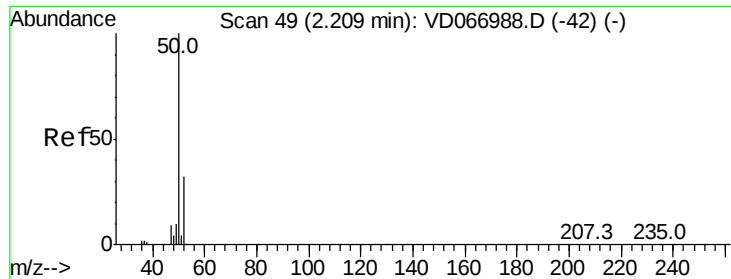
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.364 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

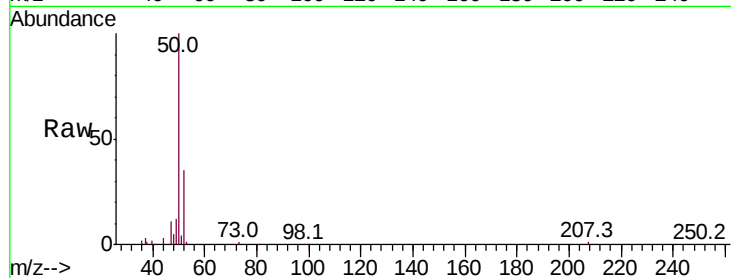
VD1002SBS02

Tot Ion: 50 Resp: 69202

Ion Ratio Lower Upper

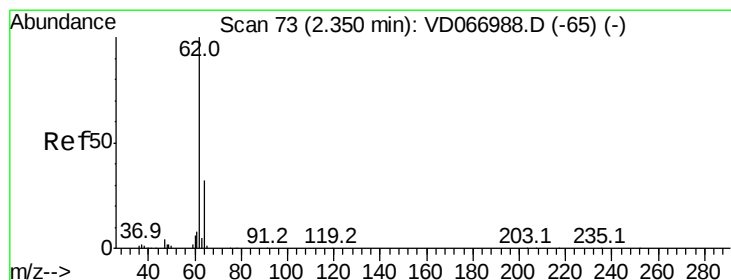
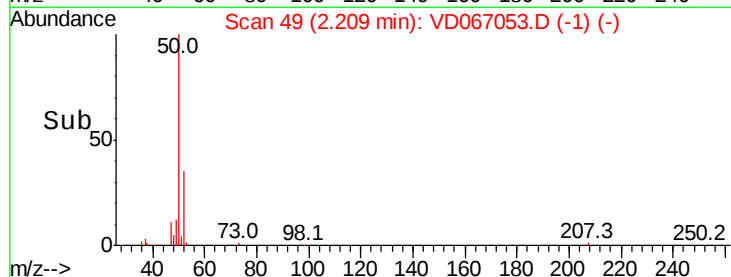
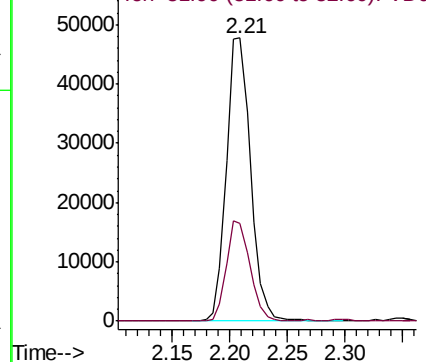
50 100

52 34.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.495 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067053.D

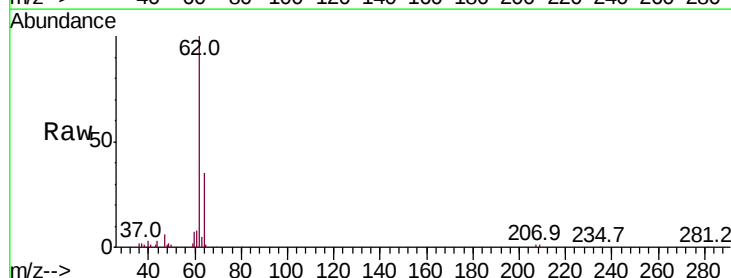
Acq: 03 Oct 2020 00:37

Tgt Ion: 62 Resp: 66567

Ion Ratio Lower Upper

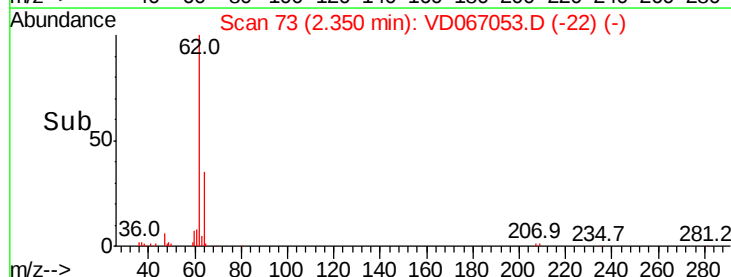
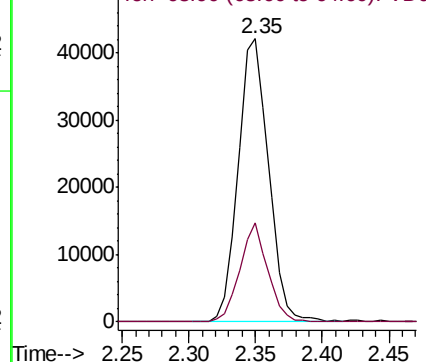
62 100

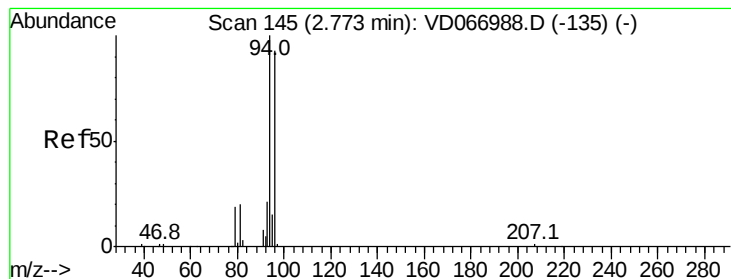
64 35.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.418 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

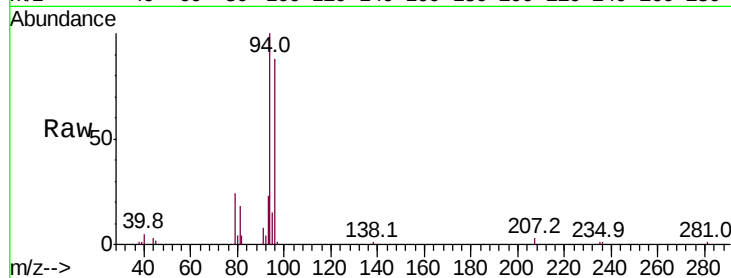
VD1002SBS02

Tot Ion: 94 Resp: 50023

Ion Ratio Lower Upper

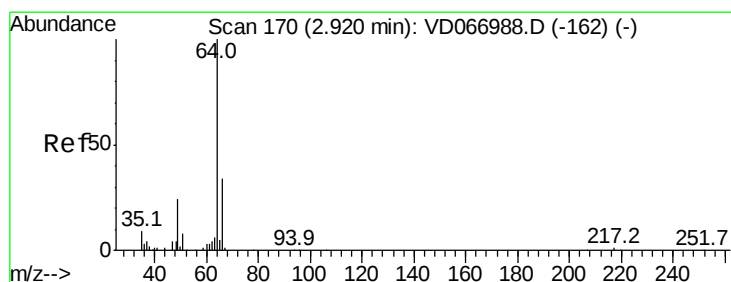
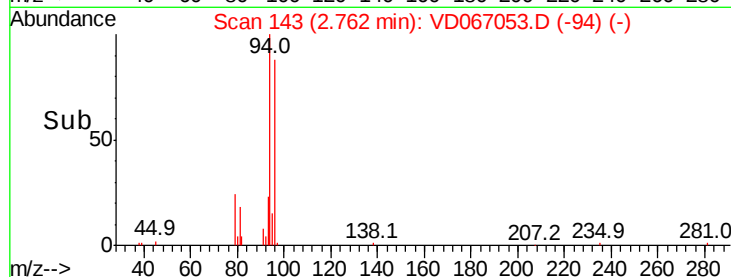
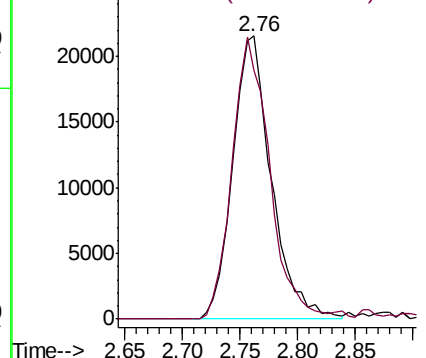
94 100

96 88.1 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: 20.892 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067053.D

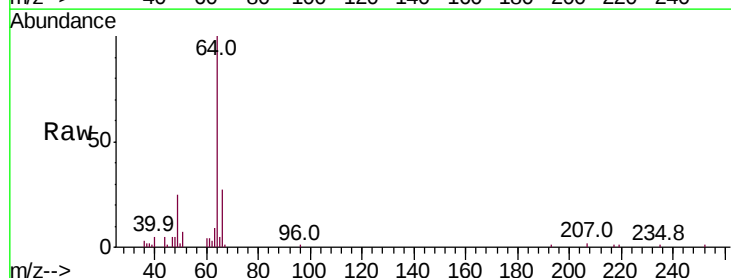
Acq: 03 Oct 2020 00:37

Tgt Ion: 64 Resp: 41324

Ion Ratio Lower Upper

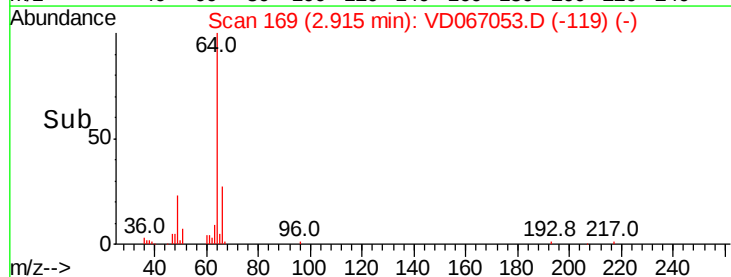
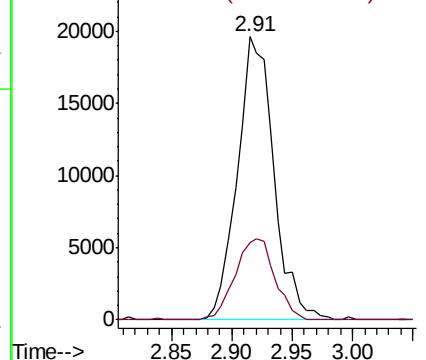
64 100

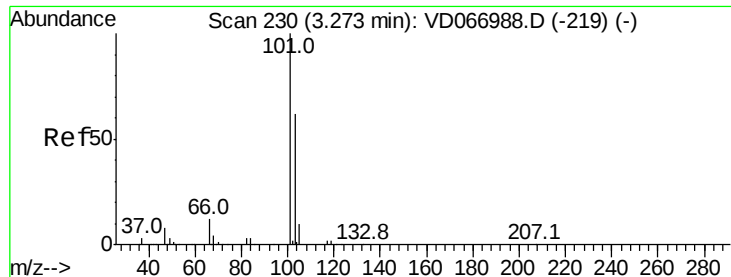
66 27.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



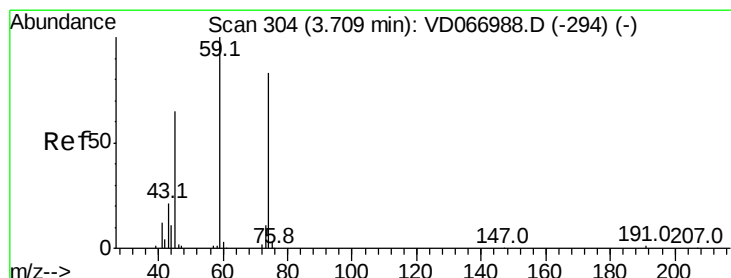
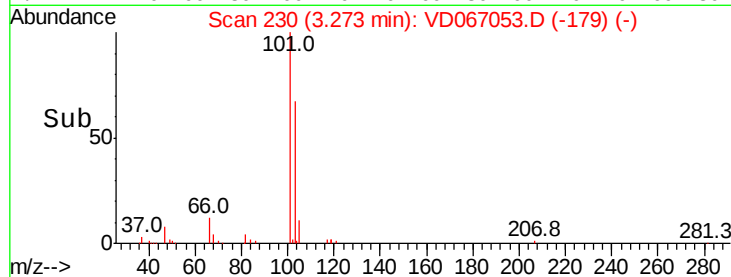
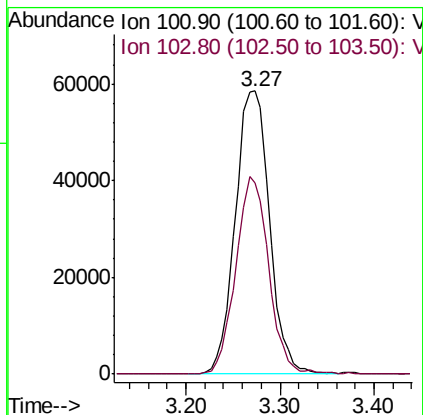
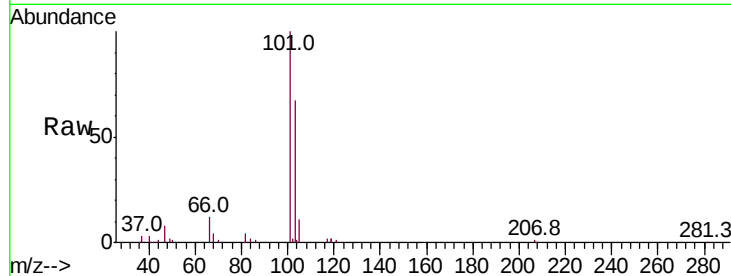


#7

Trichlorofluoromethane
Concen: 20.514 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
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ClientSampleId :
VD1002SBS02

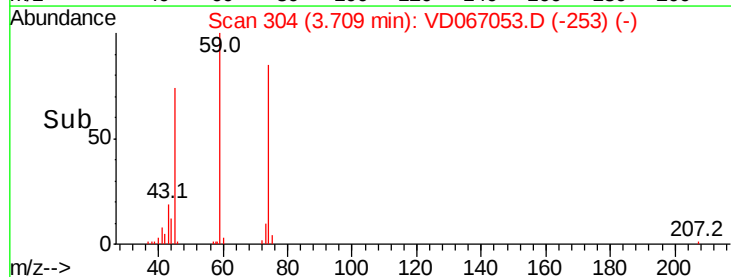
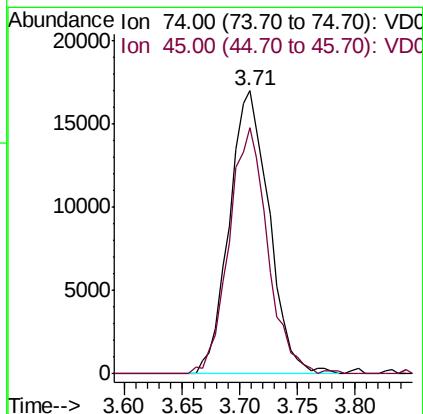
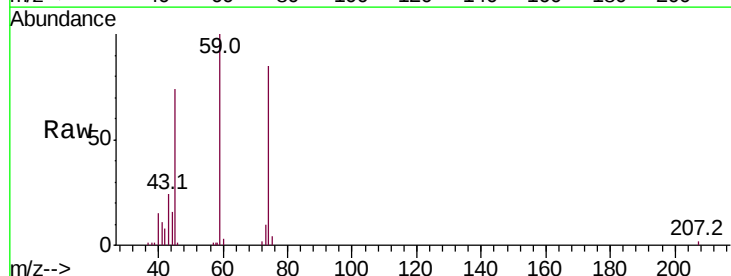
Tot Ion:101 Resp: 148033
Ion Ratio Lower Upper
101 100
103 67.4 49.8 74.8

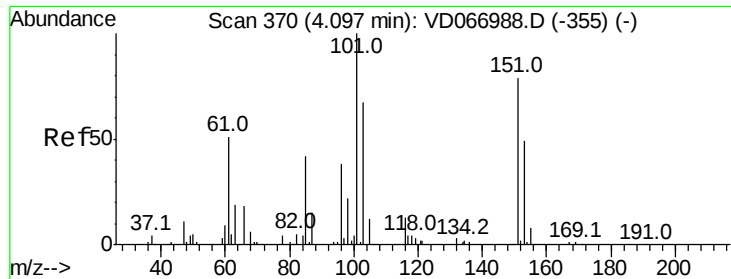


#8

Diethyl Ether
Concen: 22.740 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 74 Resp: 40692
Ion Ratio Lower Upper
74 100
45 83.8 43.1 129.3

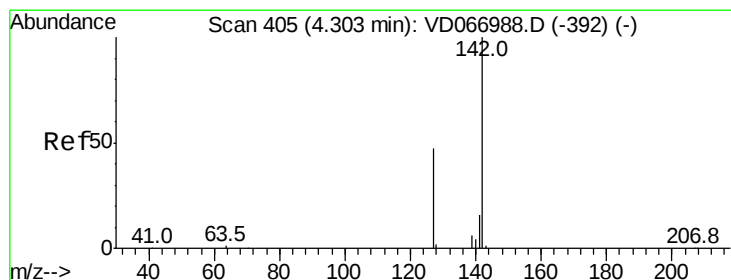
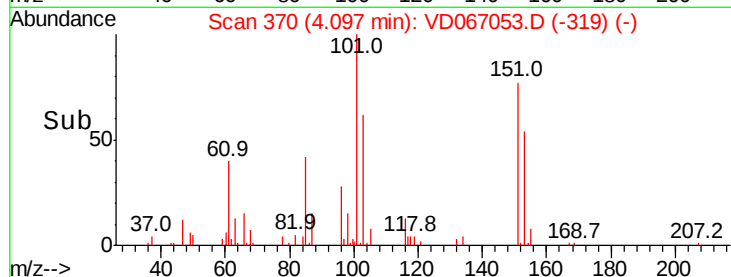
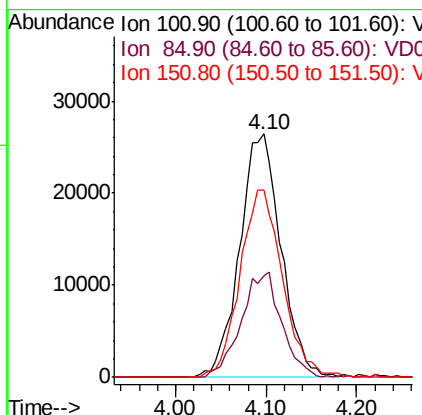
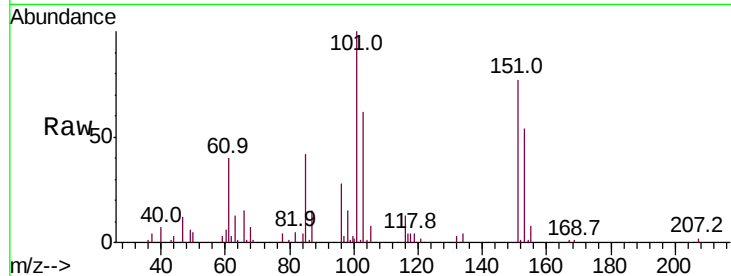




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.555 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067053.D
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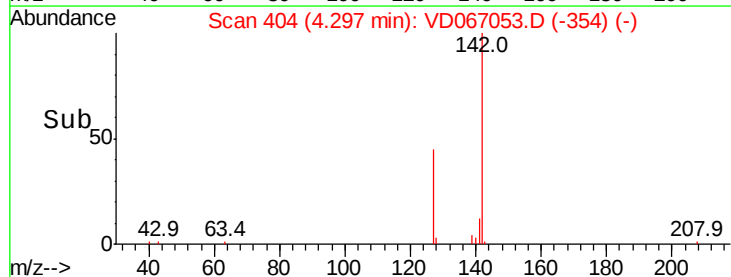
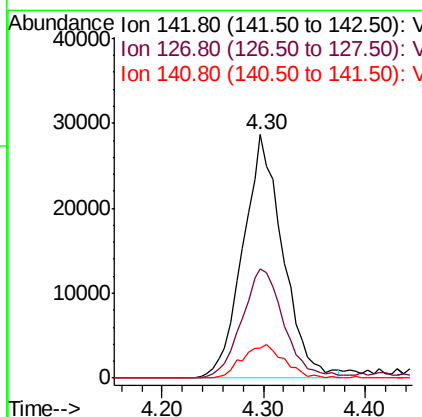
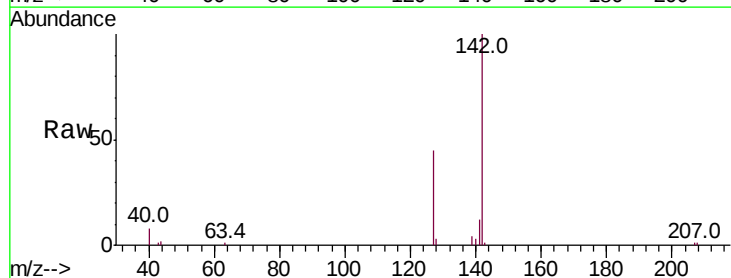
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

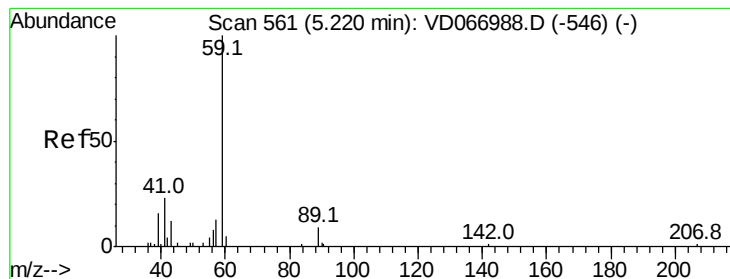
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.8	50.8
151	79.2	63.8	95.8



#10
 Methyl Iodide
 Concen: 19.791 ug/l
 RT: 4.30 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.2	36.3	54.5
141	14.4	12.0	18.0



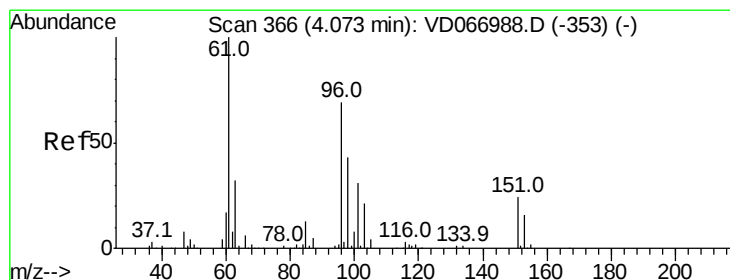
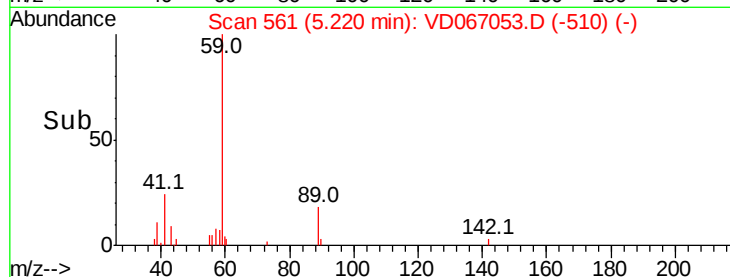
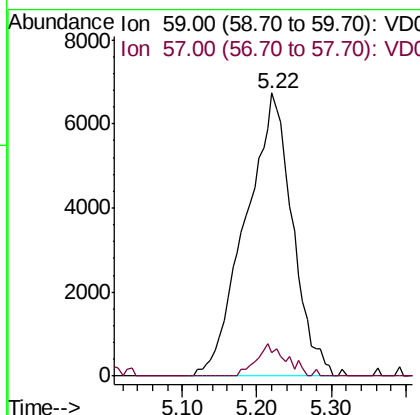
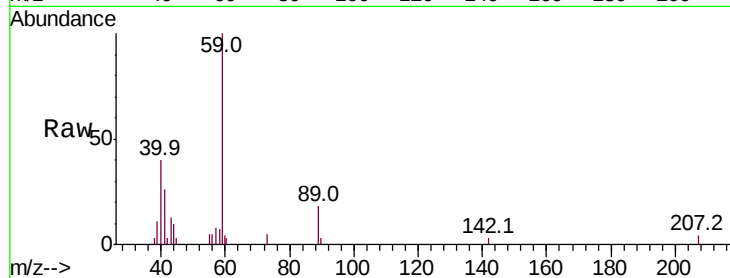


#11

Tert butyl alcohol
 Concen: 98.117 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

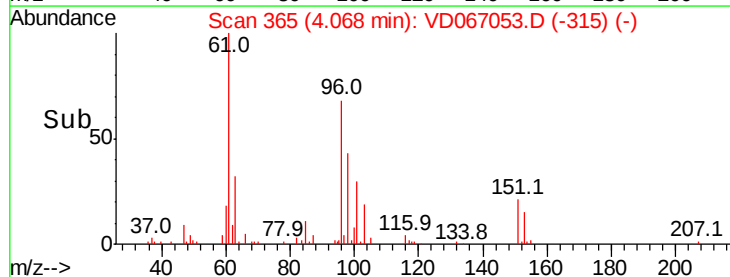
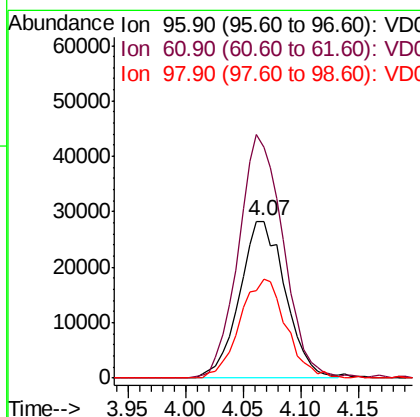
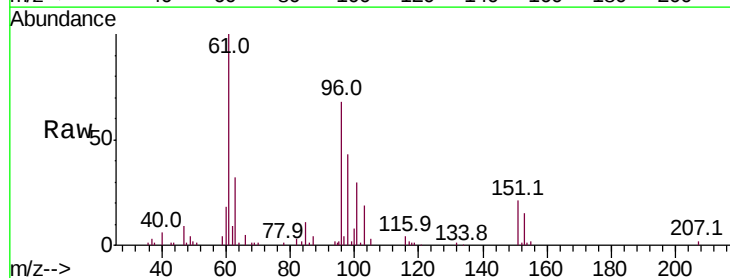
Tot Ion: 59 Resp: 29306
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.2 12.4#

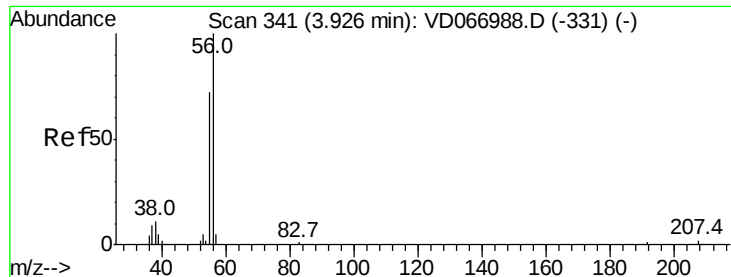


#12

1,1-Dichloroethene
 Concen: 20.382 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion: 96 Resp: 78149
 Ion Ratio Lower Upper
 96 100
 61 147.1 116.4 174.6
 98 62.7 49.9 74.9





#13

Acrolein

Concen: 77.234 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

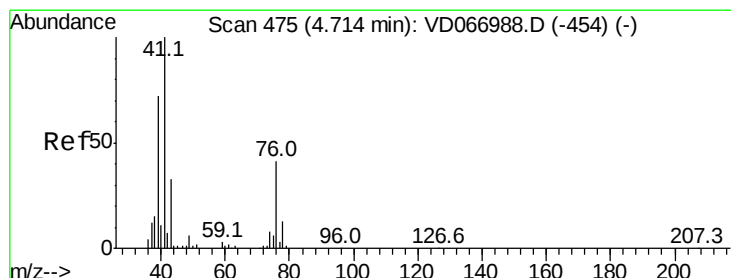
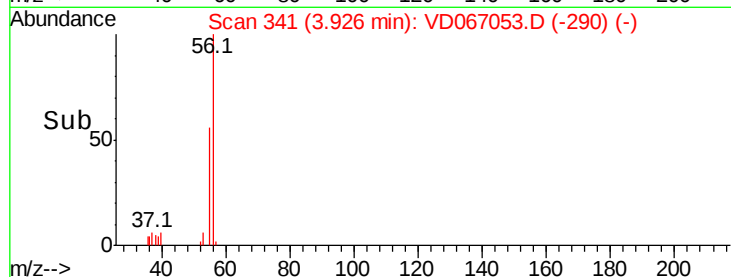
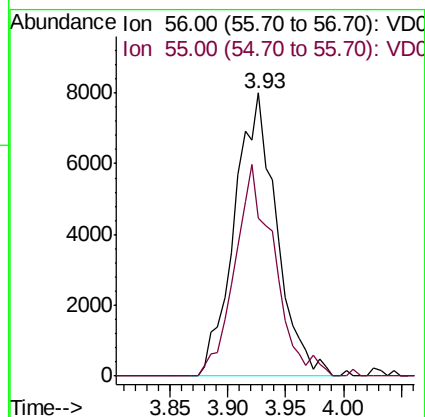
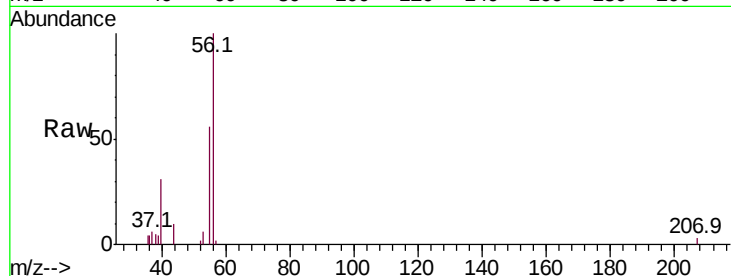
VD1002SBS02

Tot Ion: 56 Resp: 20261

Ion Ratio Lower Upper

56 100

55 70.3 56.9 85.3



#14

Allyl chloride

Concen: 20.878 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

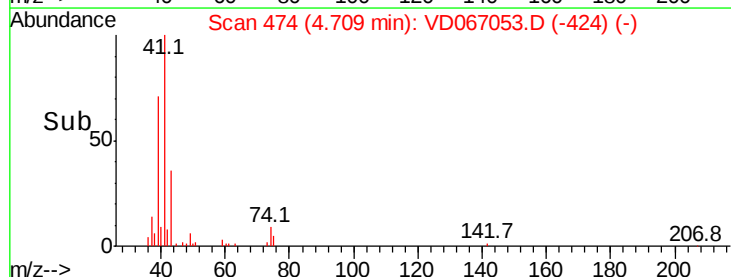
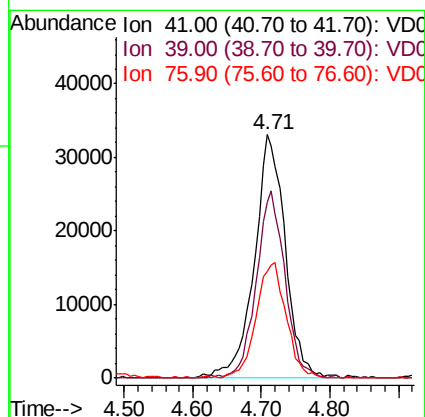
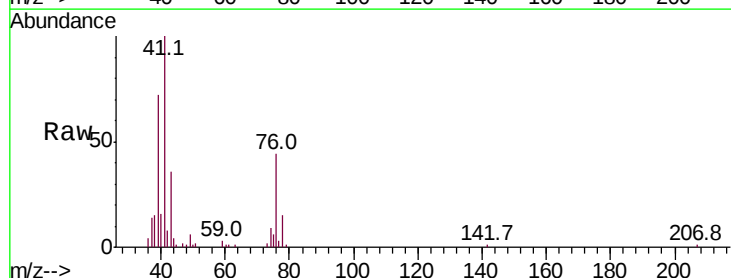
Tgt Ion: 41 Resp: 103997

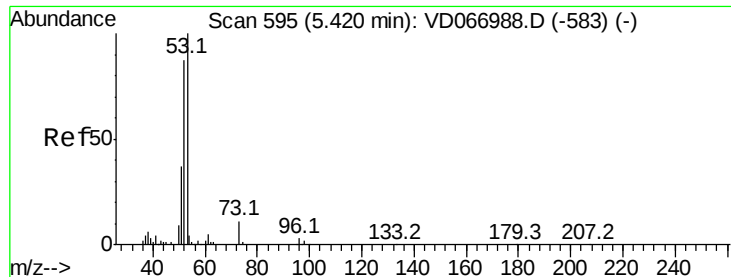
Ion Ratio Lower Upper

41 100

39 70.9 56.2 84.2

76 45.9 34.2 51.2





#15

Acrylonitrile

Concen: 112.248 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

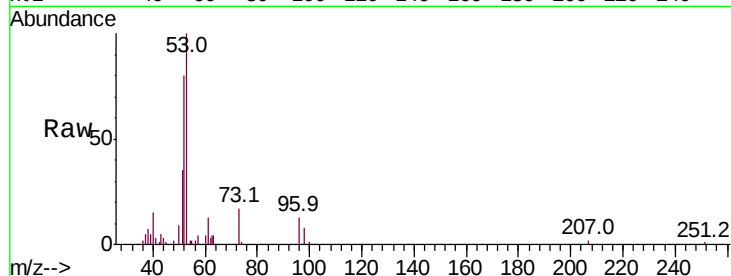
Tot Ion: 53 Resp: 73927

Ion Ratio Lower Upper

53 100

52 80.3 67.3 100.9

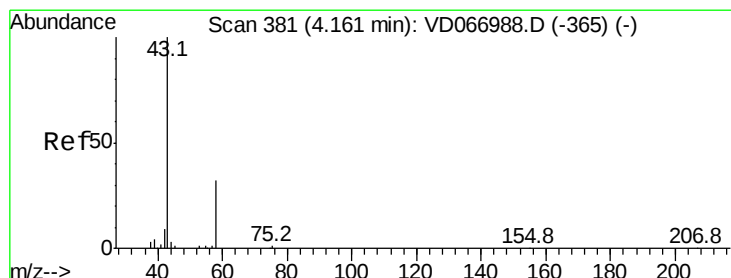
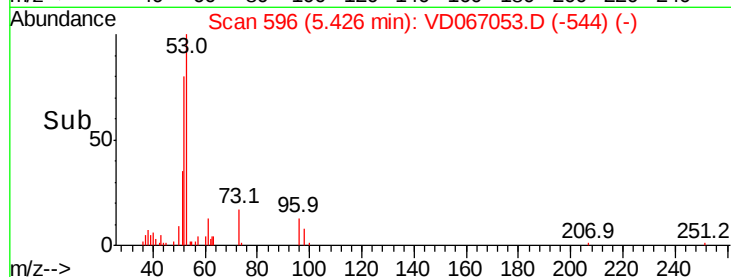
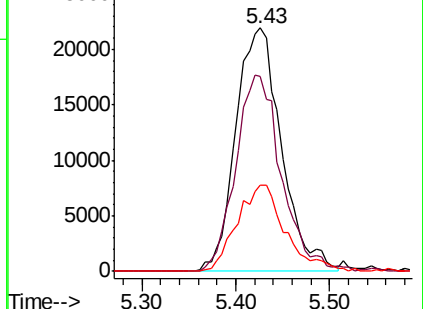
51 37.4 30.2 45.2



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: 104.913 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067053.D

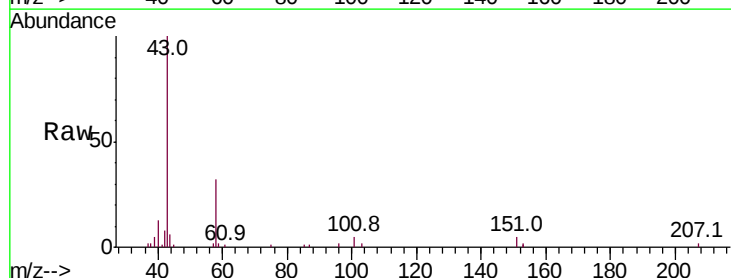
Acq: 03 Oct 2020 00:37

Tgt Ion: 43 Resp: 62743

Ion Ratio Lower Upper

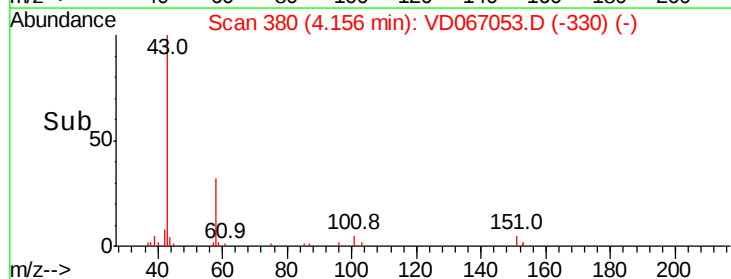
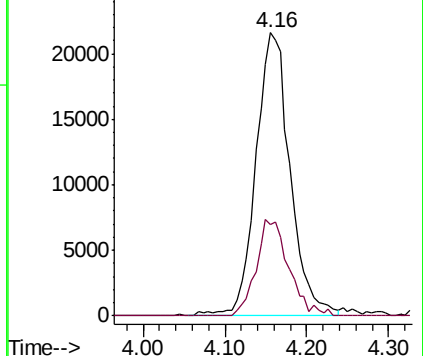
43 100

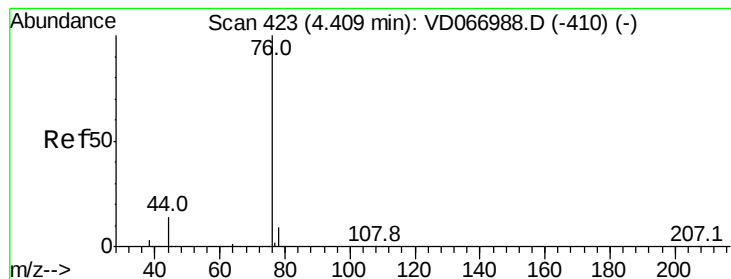
58 32.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 21.464 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

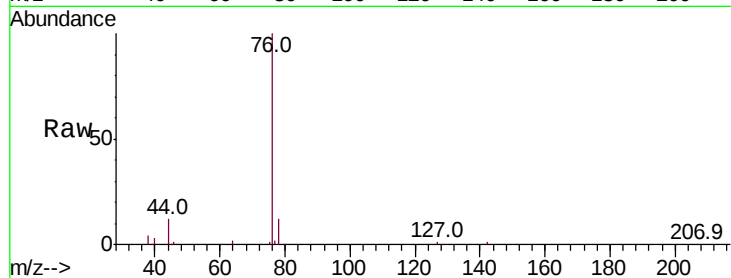
VD1002SBS02

Tot Ion: 76 Resp: 252571

Ion Ratio Lower Upper

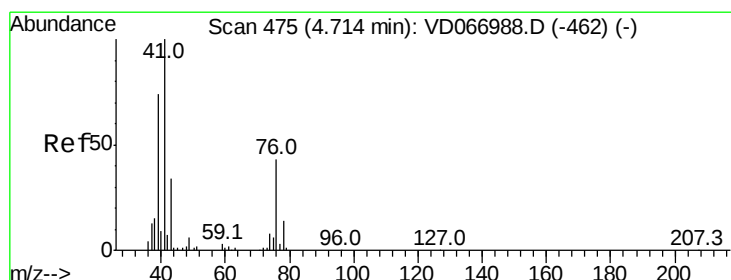
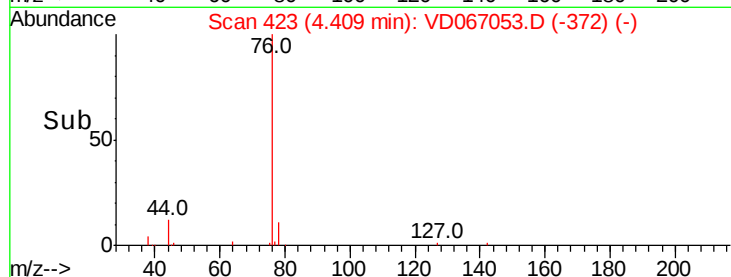
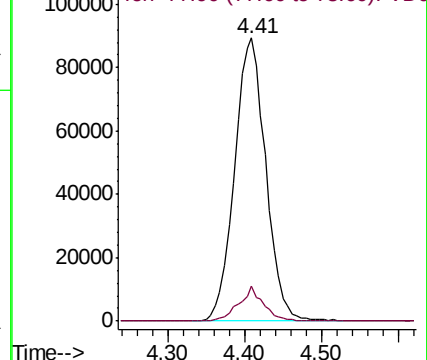
76 100

78 12.5 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 25.388 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067053.D

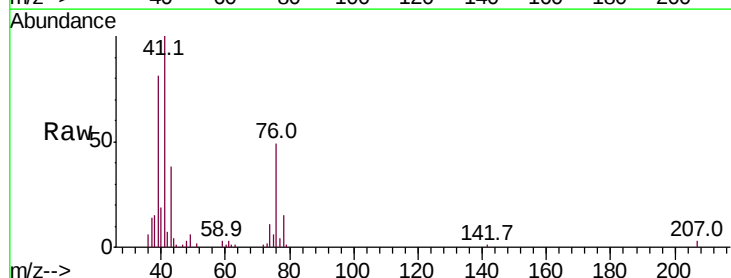
Acq: 03 Oct 2020 00:37

Tgt Ion: 43 Resp: 38160

Ion Ratio Lower Upper

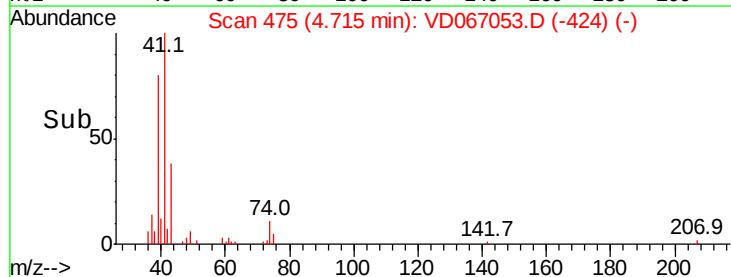
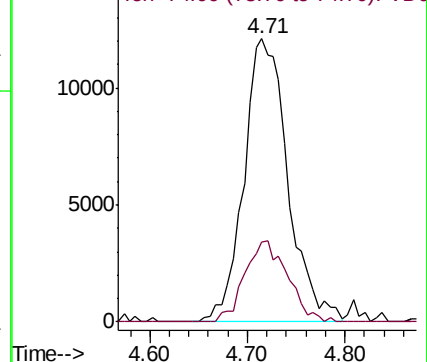
43 100

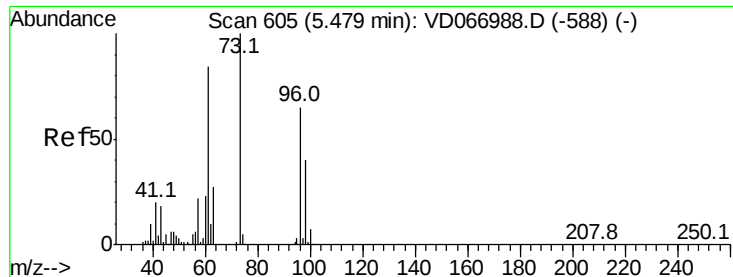
74 27.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



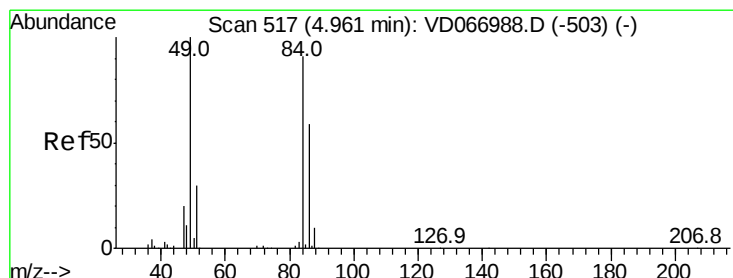
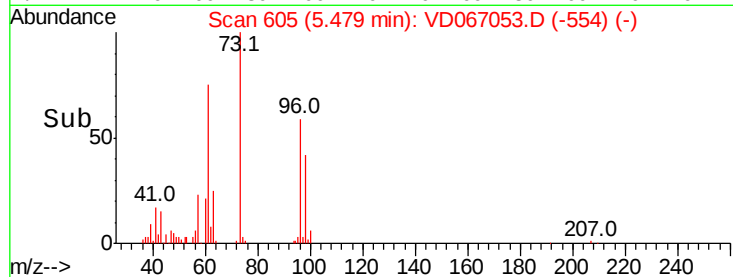
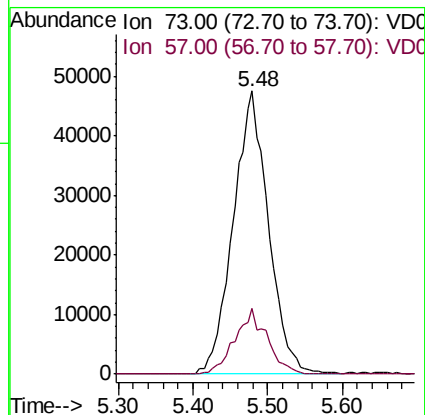
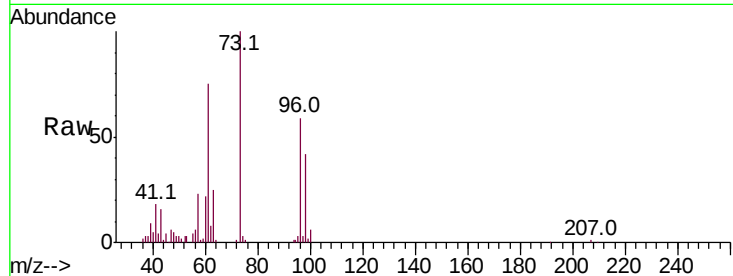


#19

Methyl tert-butyl Ether
 Concen: 22.286 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

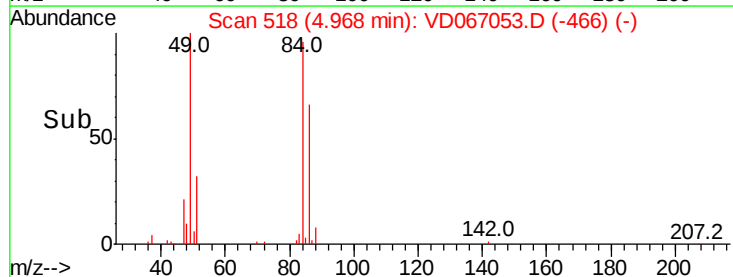
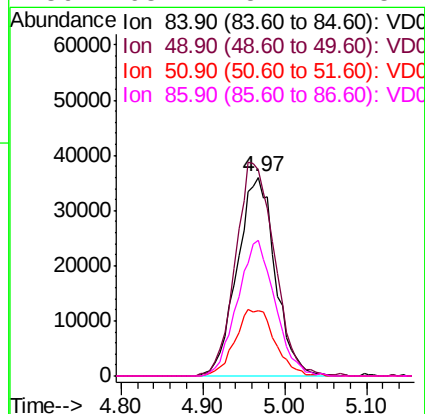
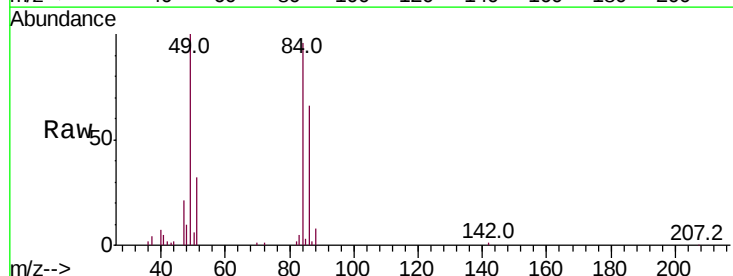
Tot Ion: 73 Resp: 155994
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.4 26.0

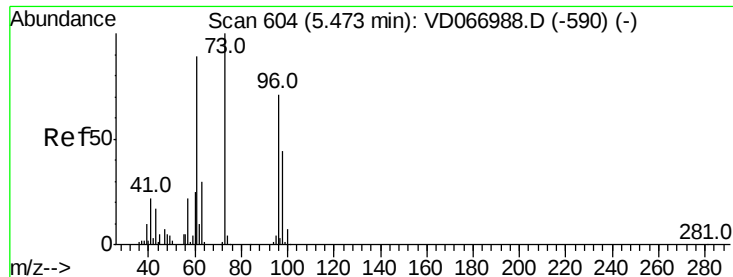


#20

Methylene Chloride
 Concen: 23.691 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion: 84 Resp: 116787
 Ion Ratio Lower Upper
 84 100
 49 103.6 88.2 132.2
 51 33.0 26.6 39.8
 86 68.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 22.333 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

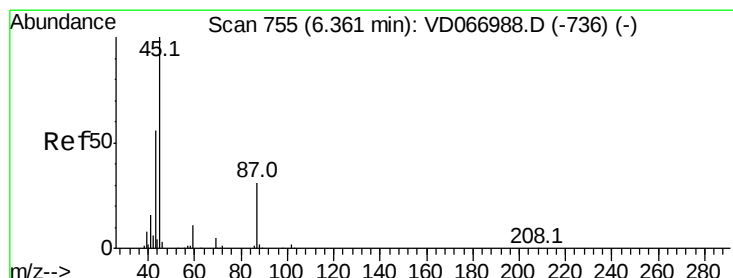
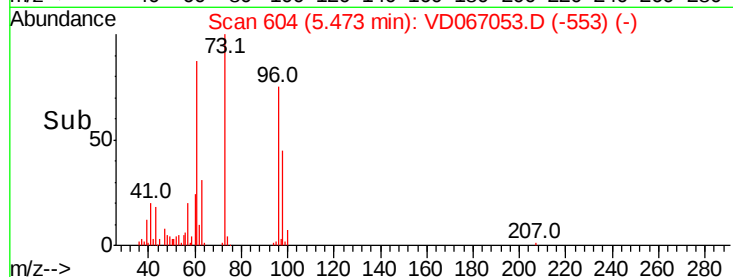
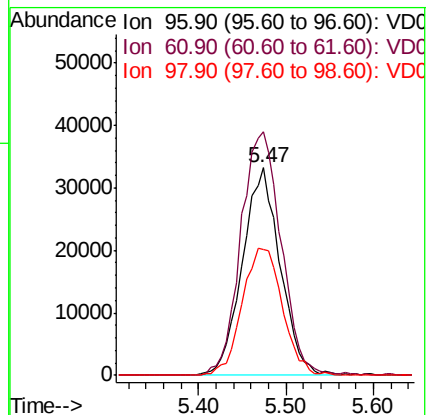
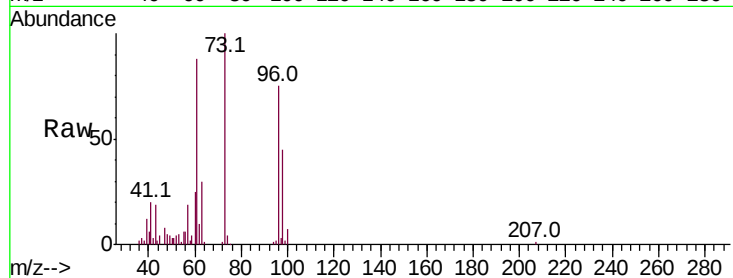
Tot Ion: 96 Resp: 97452

Ion Ratio Lower Upper

96 100

61 117.3 99.6 149.4

98 60.6 49.4 74.2



#22

Diisopropyl ether

Concen: 23.018 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion: 45 Resp: 209315

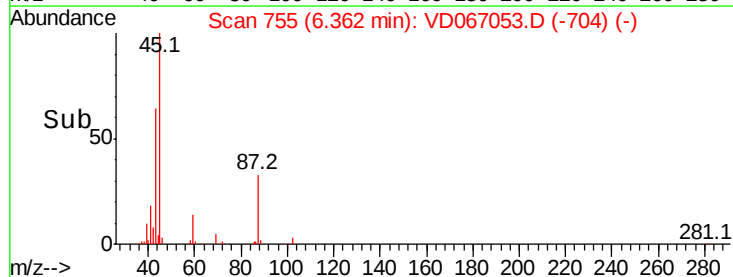
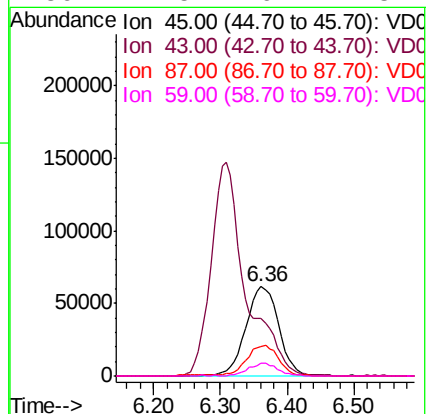
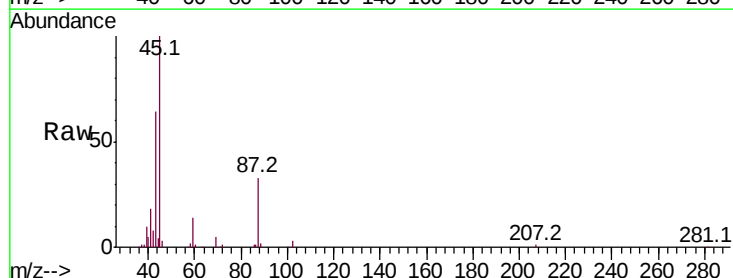
Ion Ratio Lower Upper

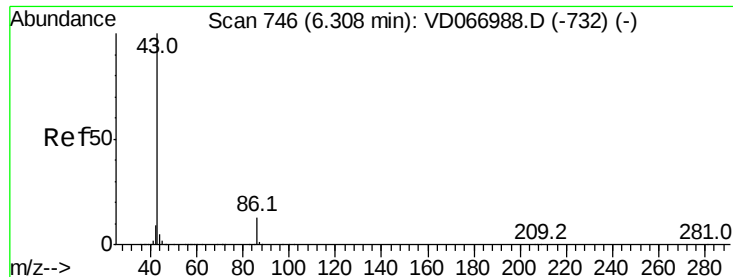
45 100

43 63.9 45.2 67.8

87 32.3 25.6 38.4

59 14.5 9.1 13.7#





#23

Vinyl Acetate

Concen: 102.934 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

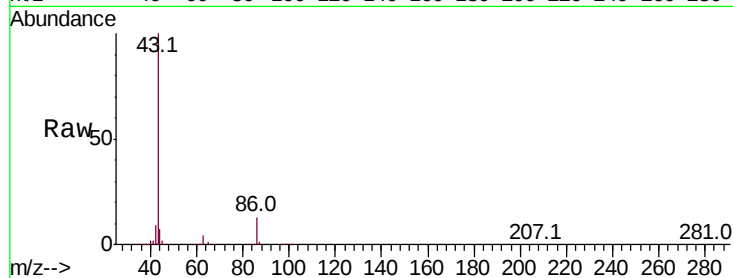
VD1002SBS02

Tot Ion: 43 Resp: 530426

Ion Ratio Lower Upper

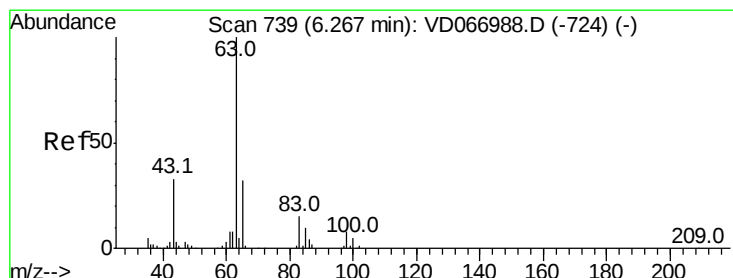
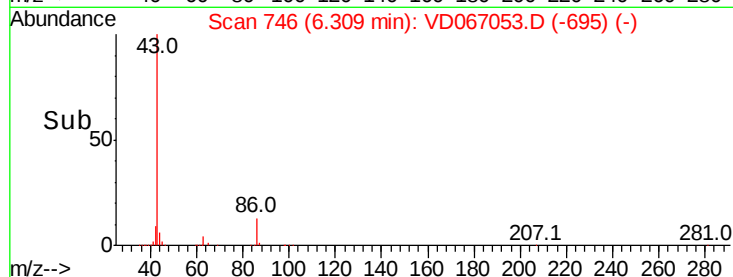
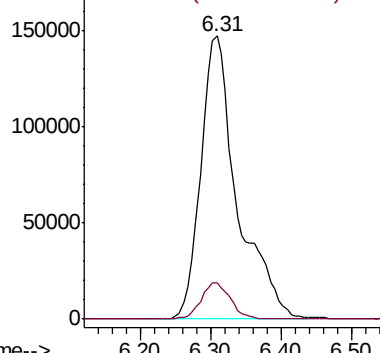
43 100

86 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.810 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

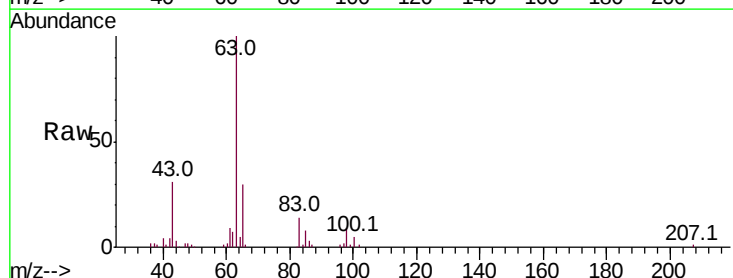
Tgt Ion: 63 Resp: 160082

Ion Ratio Lower Upper

63 100

98 9.2 4.2 12.6

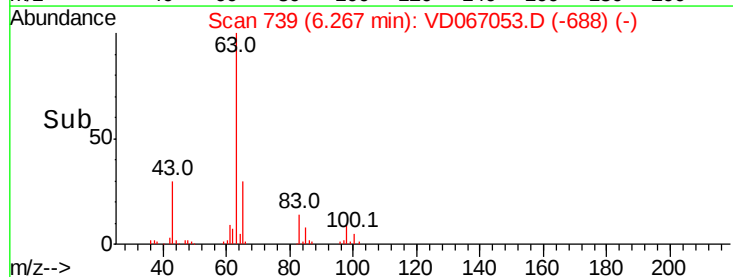
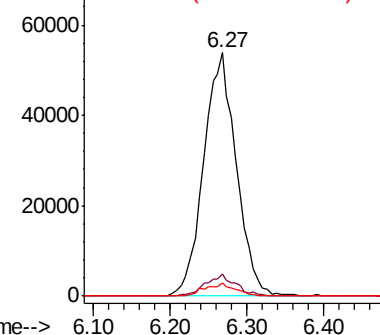
100 5.4 2.6 7.8

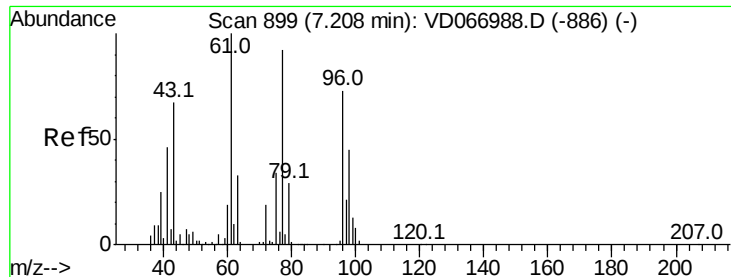


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 106.280 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

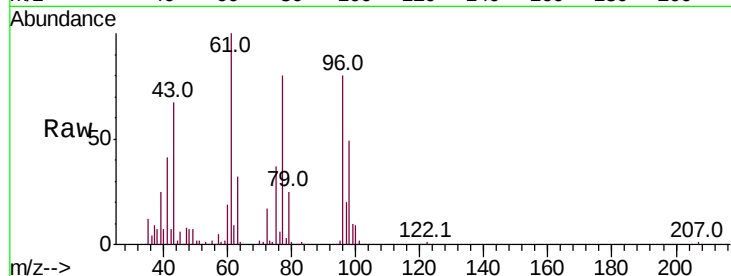
VD1002SBS02

Tot Ion: 43 Resp: 90114

Ion Ratio Lower Upper

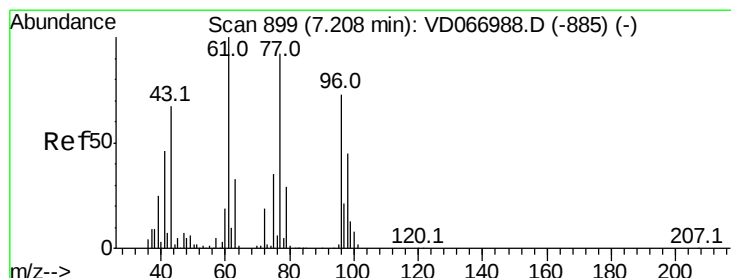
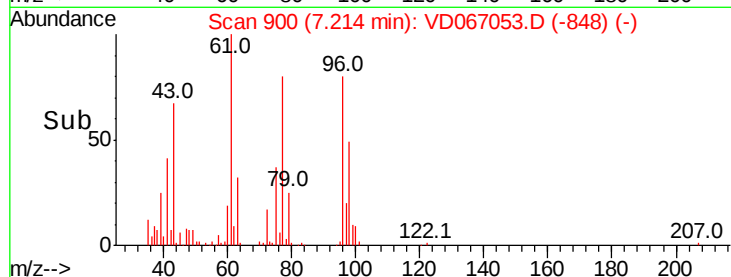
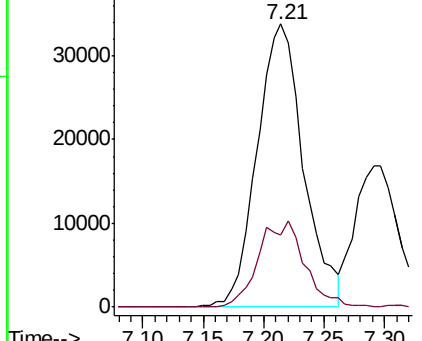
43 100

72 25.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.020 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067053.D

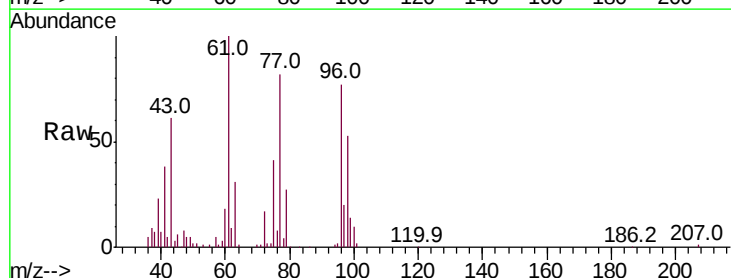
Acq: 03 Oct 2020 00:37

Tgt Ion: 77 Resp: 123975

Ion Ratio Lower Upper

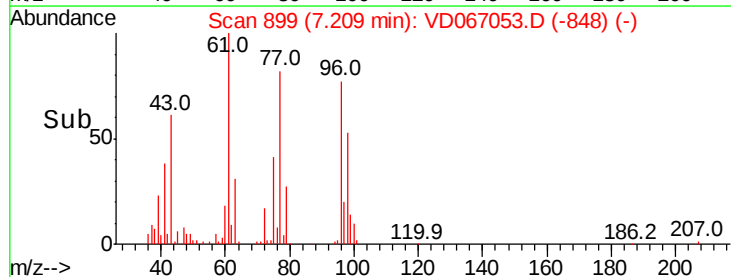
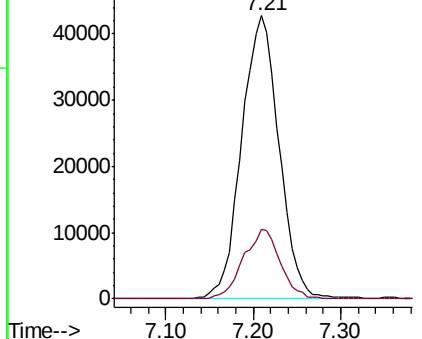
77 100

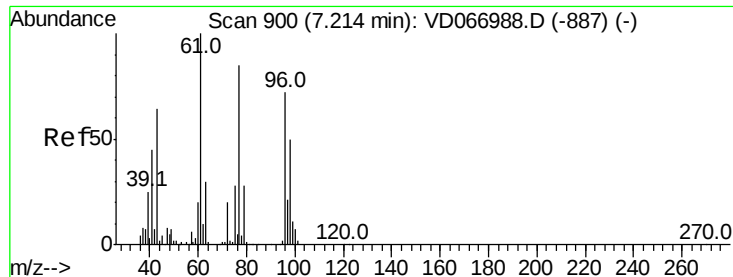
97 24.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



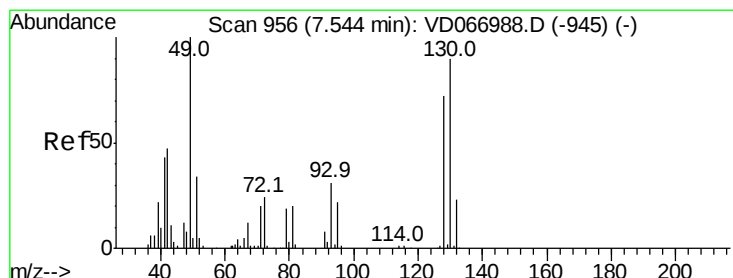
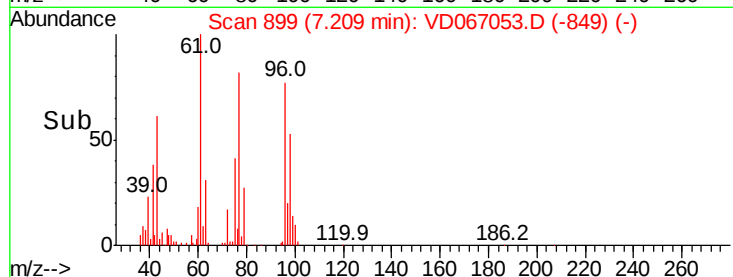
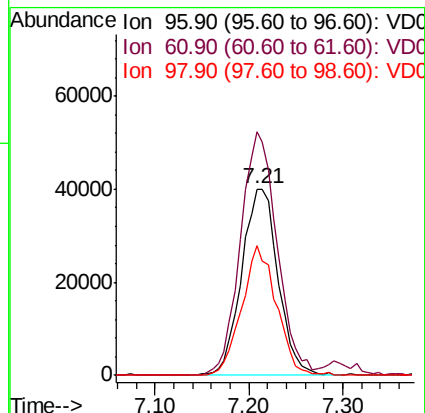
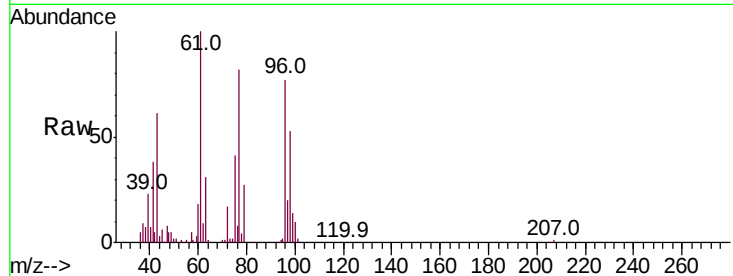


#27

cis-1,2-Dichloroethene
Concen: 23.116 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

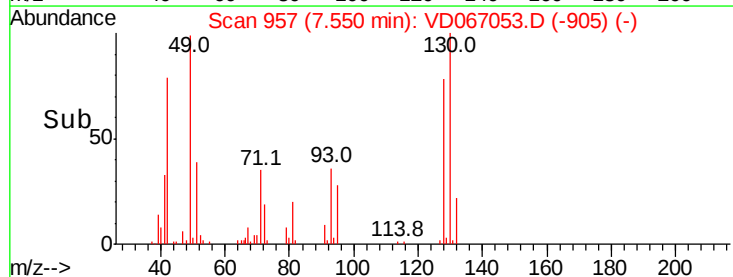
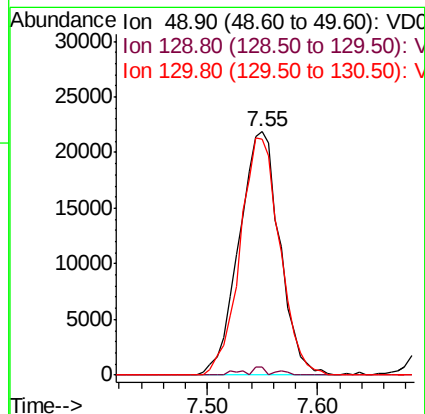
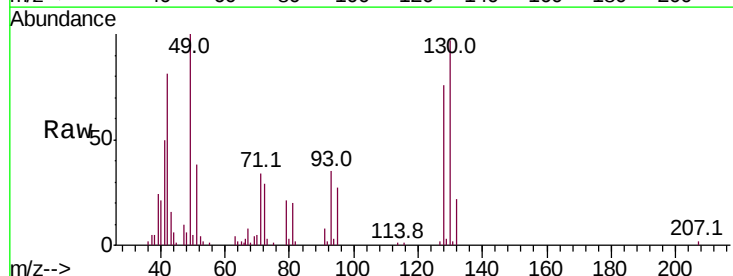
Tot Ion: 96 Resp: 107728
Ion Ratio Lower Upper
96 100
61 131.6 0.0 269.2
98 66.0 0.0 129.4

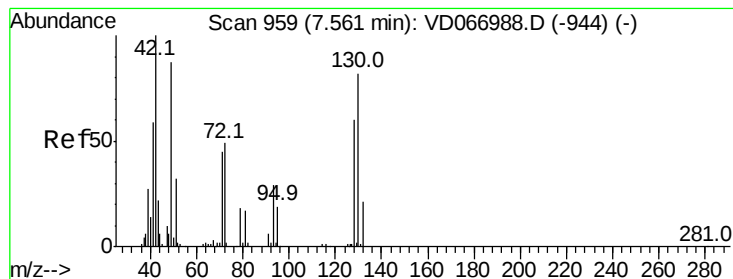


#28

Bromochloromethane
Concen: 20.846 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 49 Resp: 56497
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 95.0 74.1 111.1





#29

Tetrahydrofuran

Concen: 111.566 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

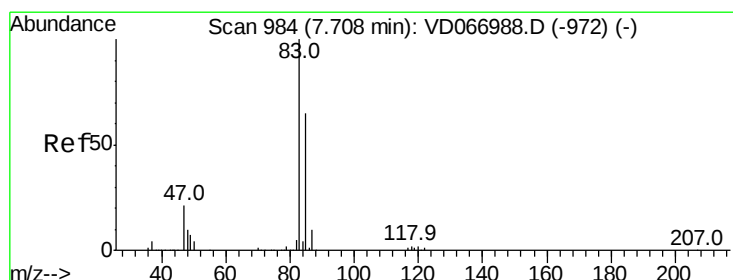
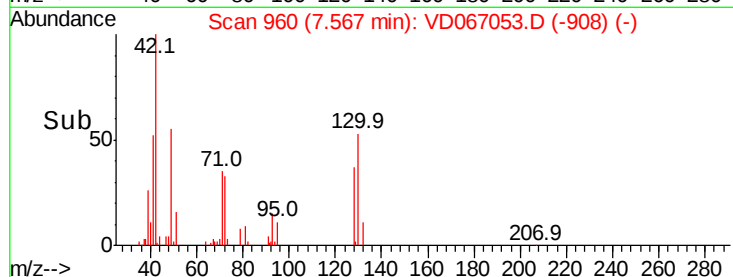
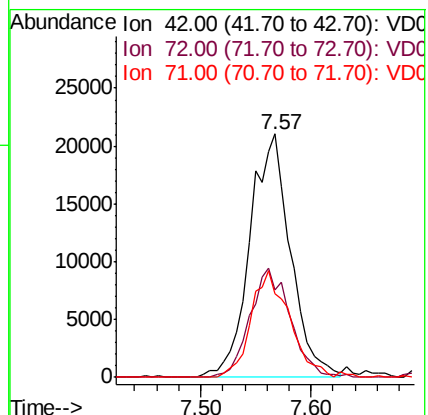
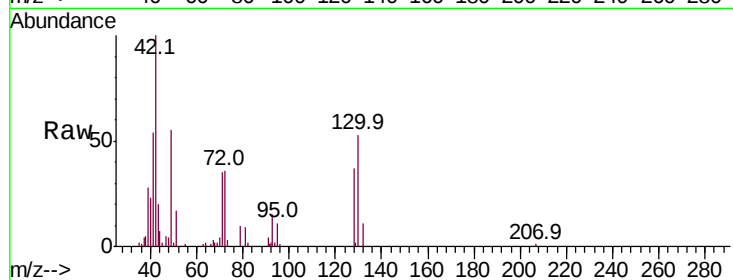
Tot Ion: 42 Resp: 54392

Ion Ratio Lower Upper

42 100

72 44.4 39.1 58.7

71 41.2 34.2 51.4



#30

Chloroform

Concen: 22.705 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067053.D

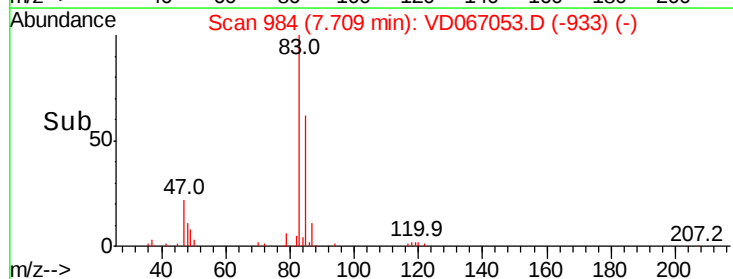
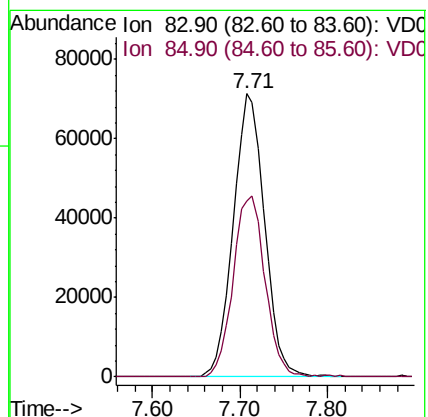
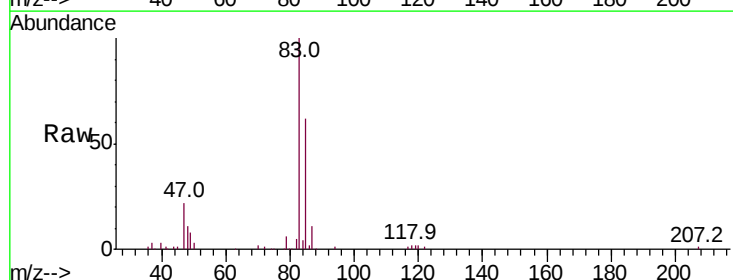
Acq: 03 Oct 2020 00:37

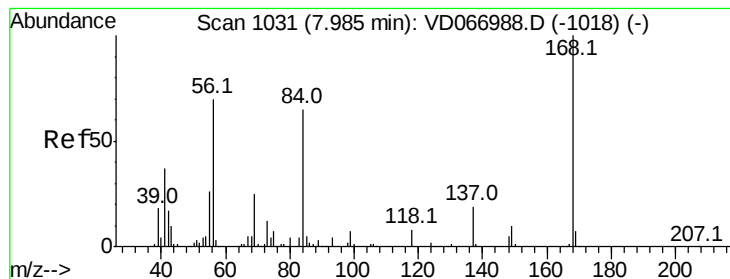
Tgt Ion: 83 Resp: 172852

Ion Ratio Lower Upper

83 100

85 62.1 52.3 78.5





#31

Cyclohexane

Concen: 20.076 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

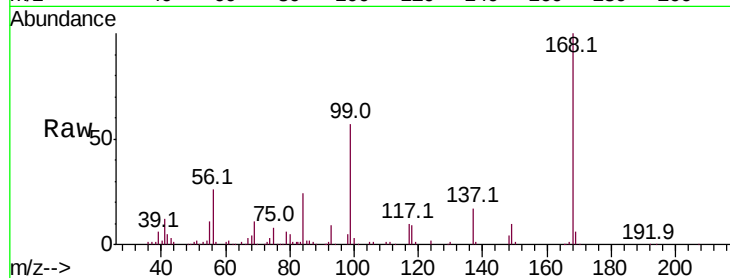
Tot Ion: 56 Resp: 118118

Ion Ratio Lower Upper

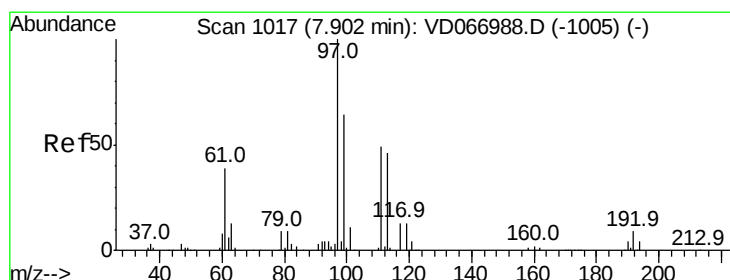
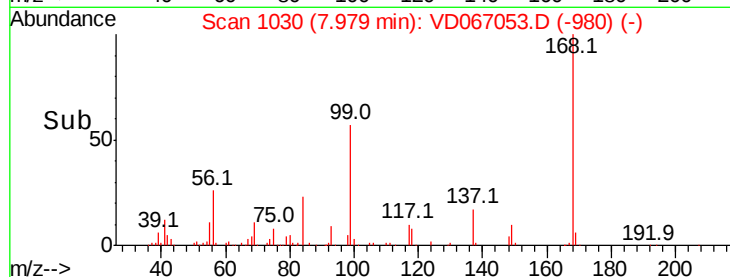
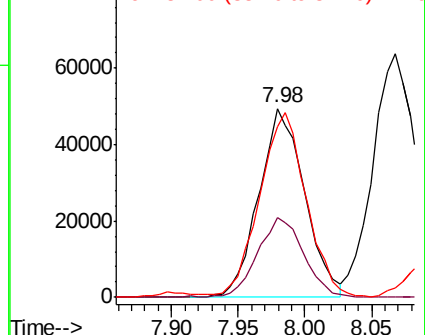
56 100

69 41.7 29.0 43.6

84 88.9 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: 21.721 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

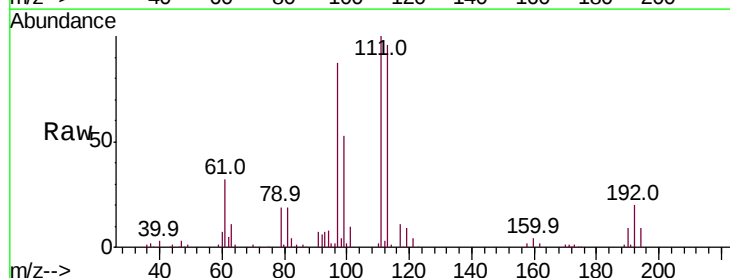
Tgt Ion: 97 Resp: 153253

Ion Ratio Lower Upper

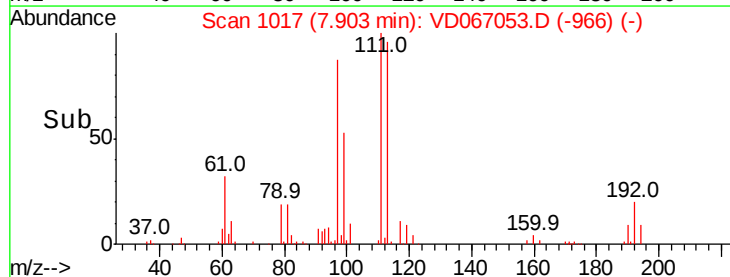
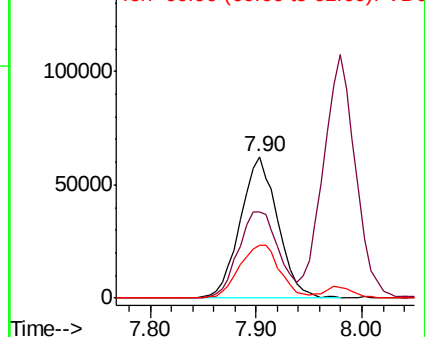
97 100

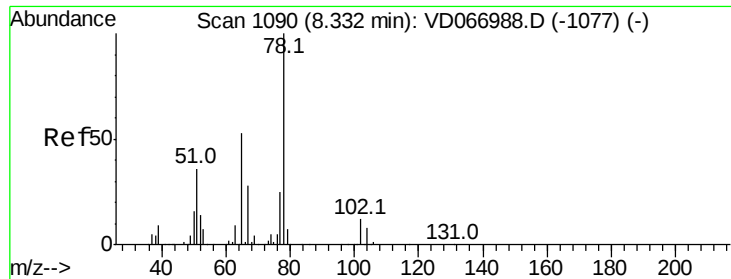
99 65.6 52.6 78.8

61 40.7 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: 53.535 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

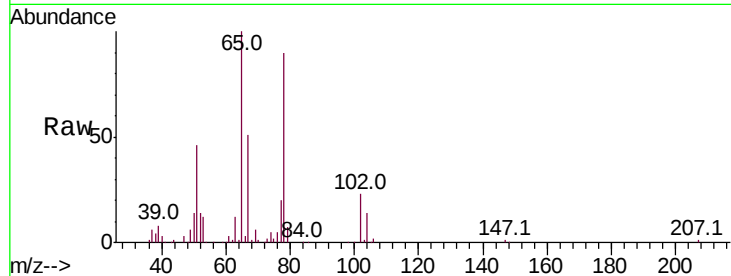
VD1002SBS02

Tot Ion: 65 Resp: 209736

Ion Ratio Lower Upper

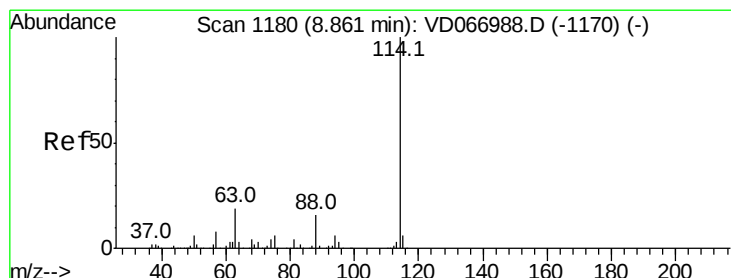
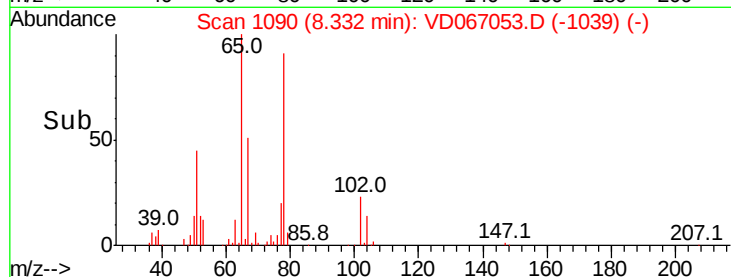
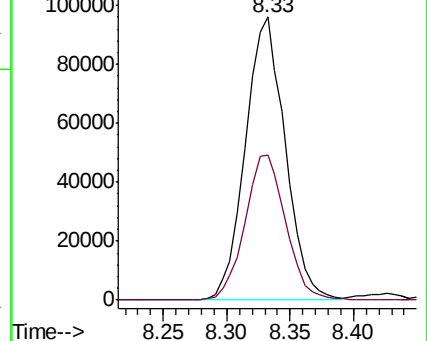
65 100

67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

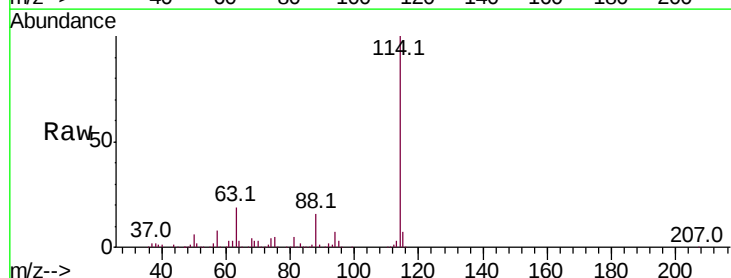
Tgt Ion: 114 Resp: 649848

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

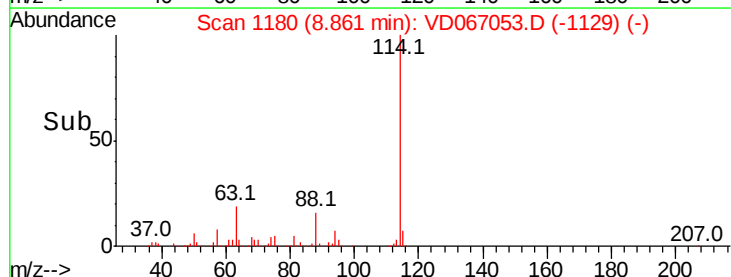
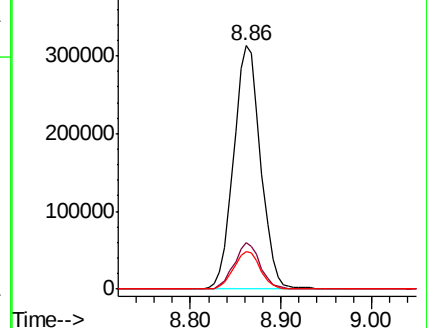
88 15.6 0.0 31.2

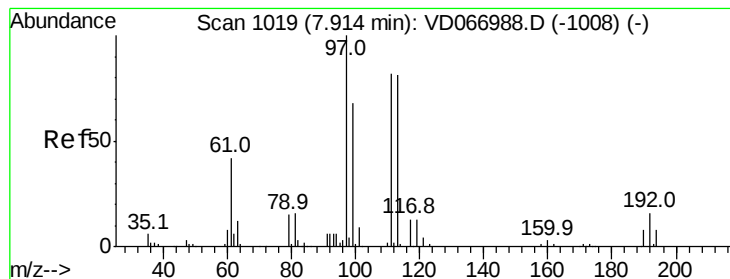


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 53.329 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

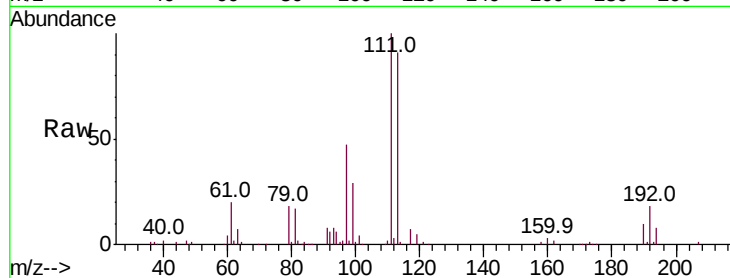
Tot Ion:113 Resp: 226885

Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.4

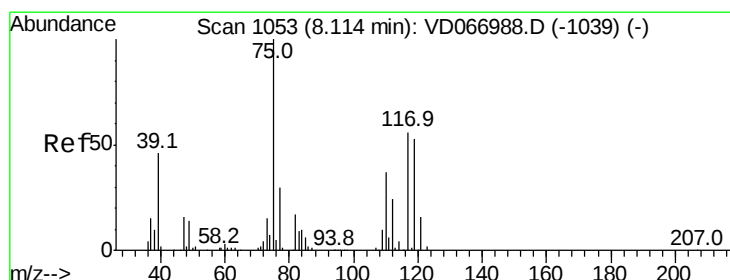
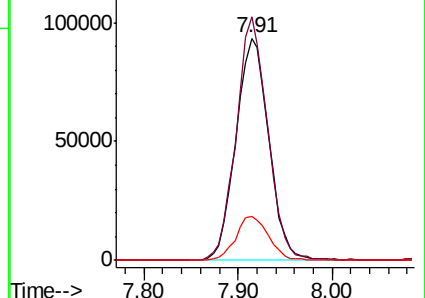
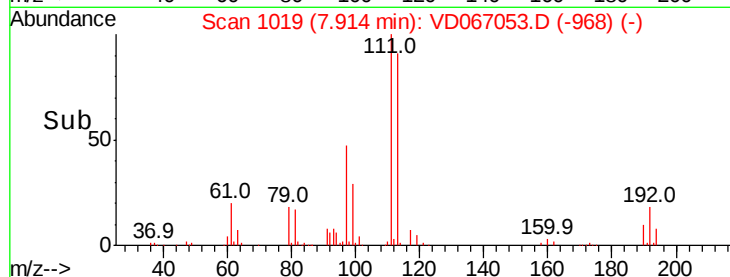
192 19.9 15.5 23.3



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: 20.526 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

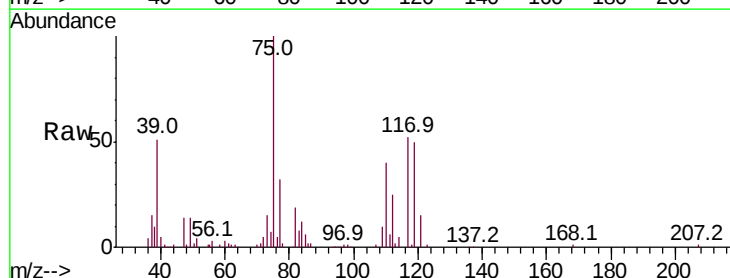
Tgt Ion: 75 Resp: 124335

Ion Ratio Lower Upper

75 100

110 38.2 18.4 55.0

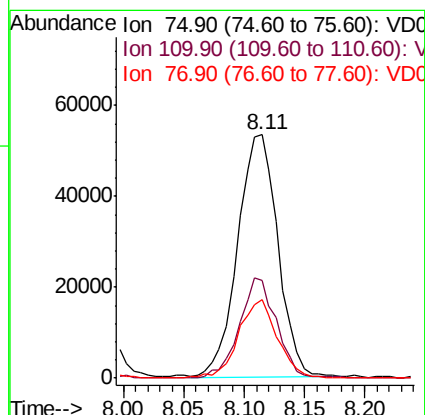
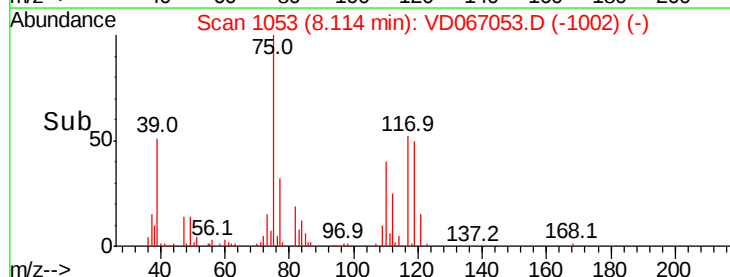
77 31.2 24.8 37.2

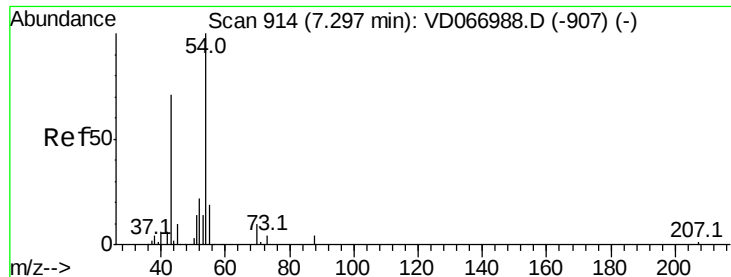


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

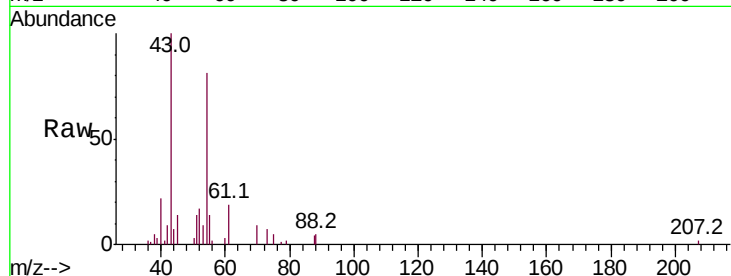




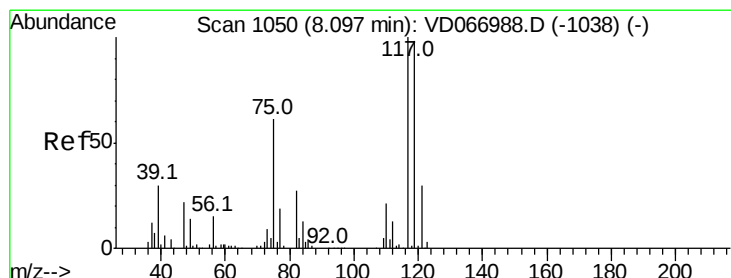
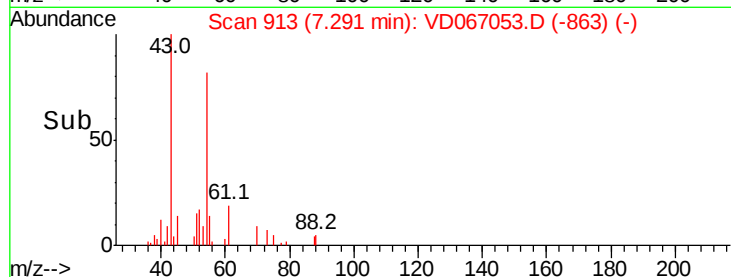
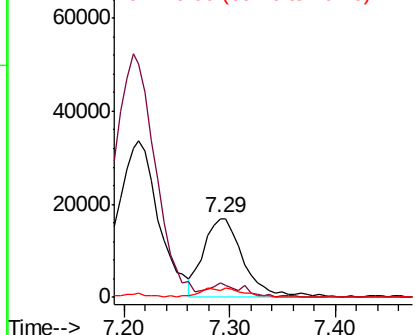
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 43 Resp: 44812
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.5 9.4 14.0

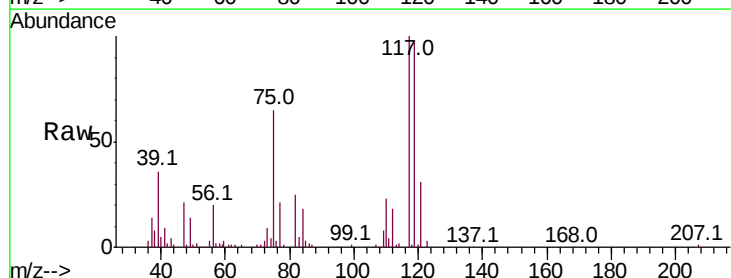


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

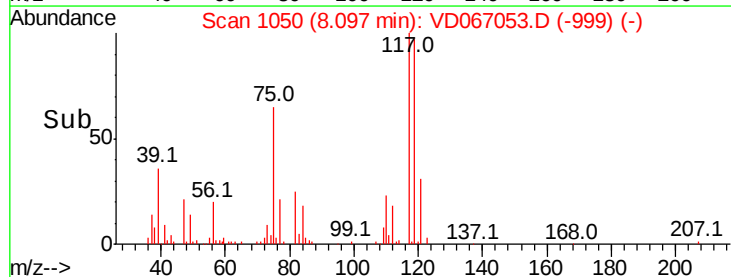
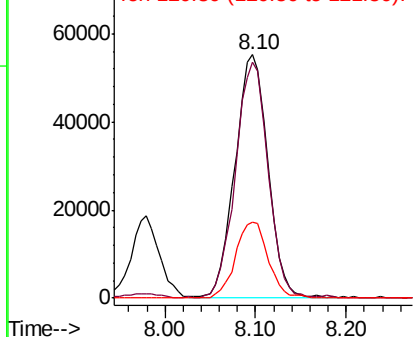


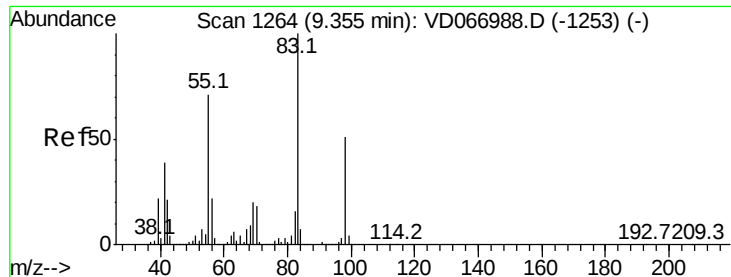
#38
Carbon Tetrachloride
Concen: 21.351 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 117 Resp: 139929
Ion Ratio Lower Upper
117 100
119 97.1 78.7 118.1
121 31.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

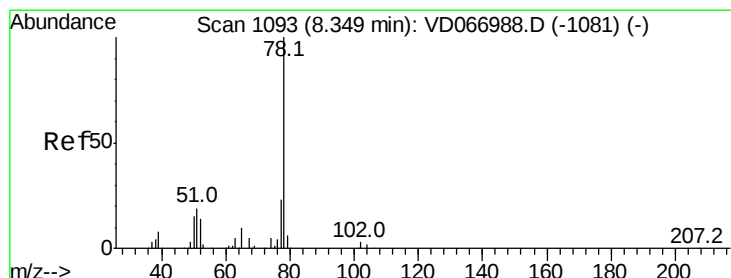
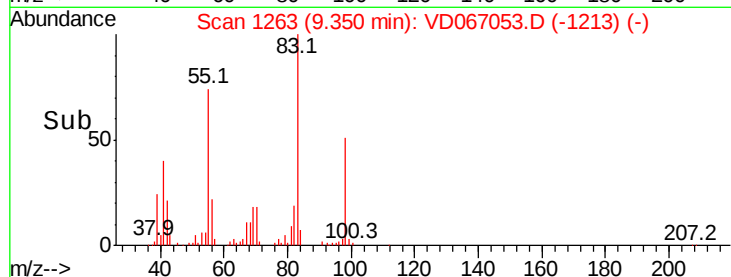
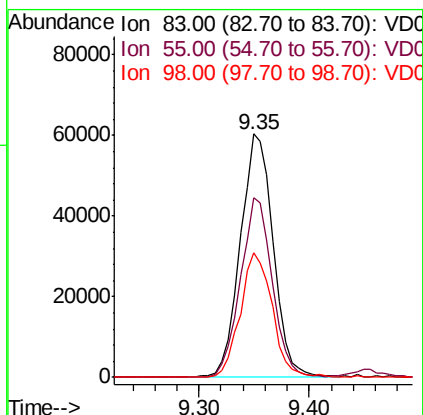
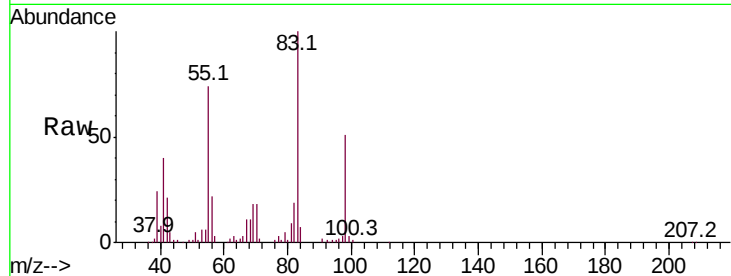




#39
Methylvlcvclohexane
Concen: 19.749 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

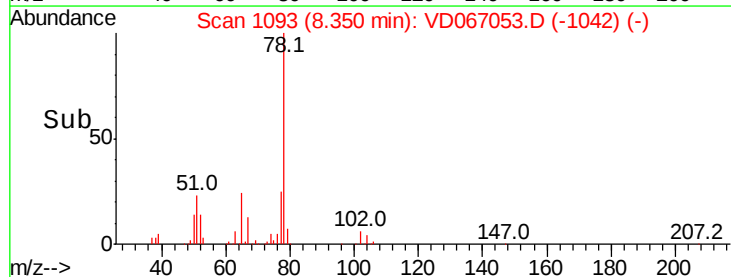
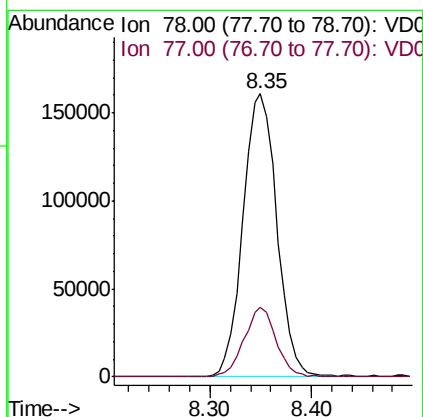
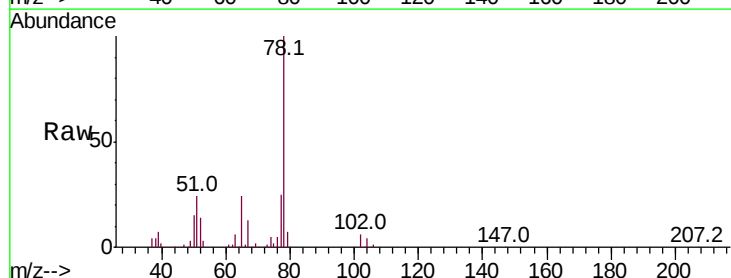
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

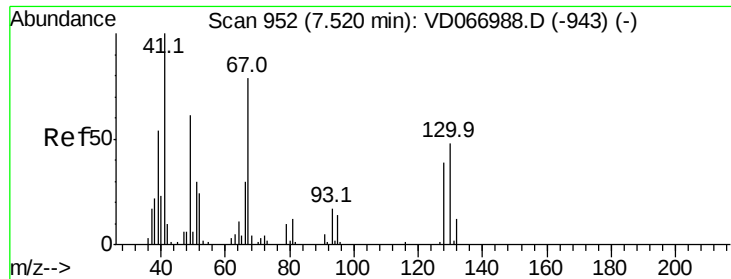
Tot Ion: 83 Resp: 126476
Ion Ratio Lower Upper
83 100
55 73.8 57.1 85.7
98 51.3 40.9 61.3



#40
Benzene
Concen: 22.224 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 78 Resp: 373913
Ion Ratio Lower Upper
78 100
77 24.8 18.4 27.6

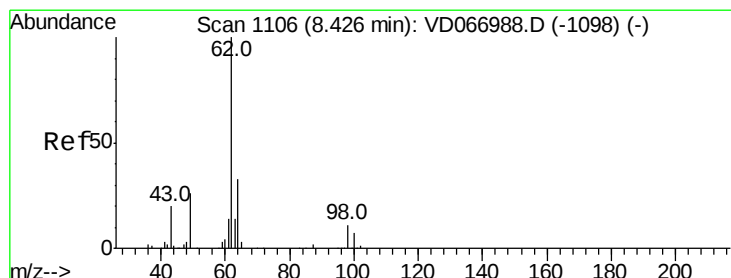
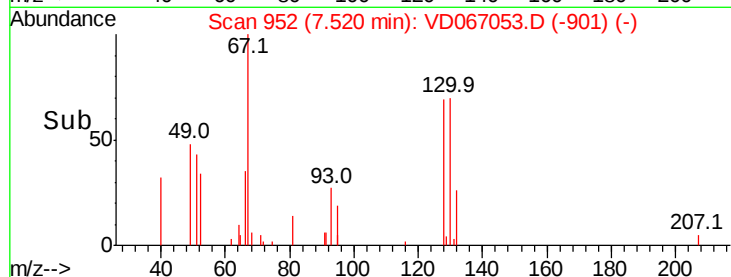
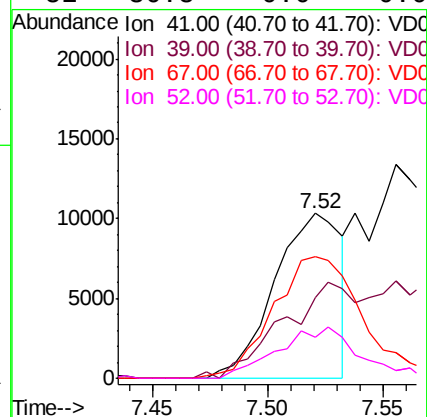
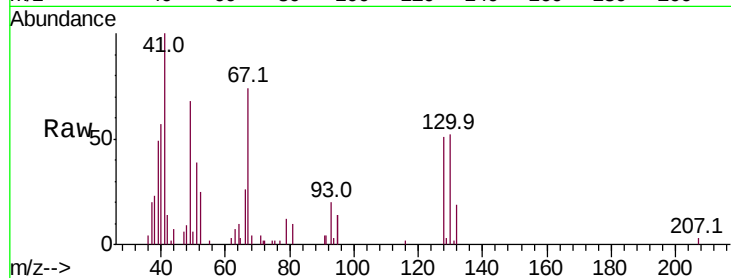




#41
Methacrylonitrile
Concen: 18.441 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

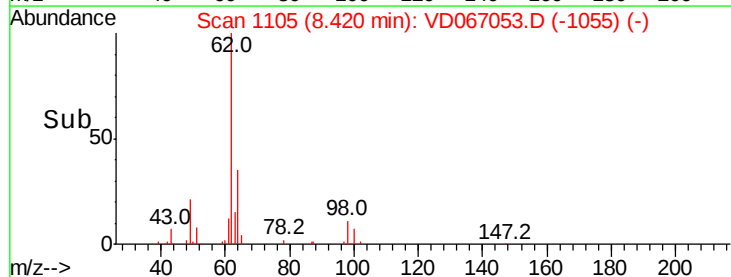
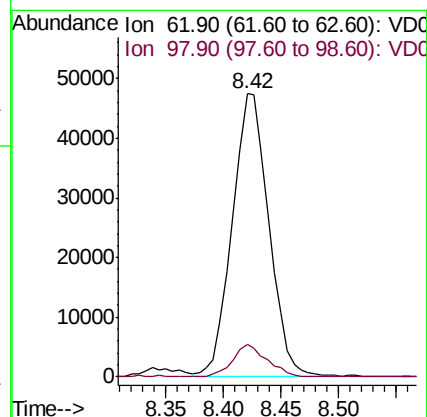
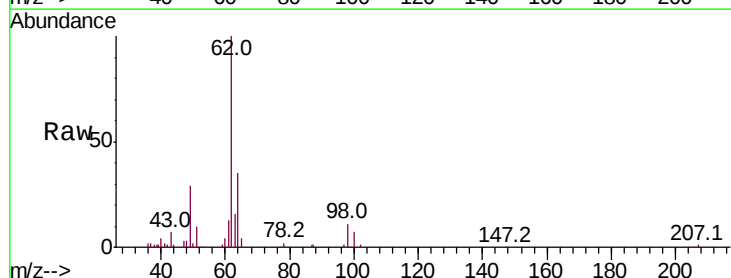
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

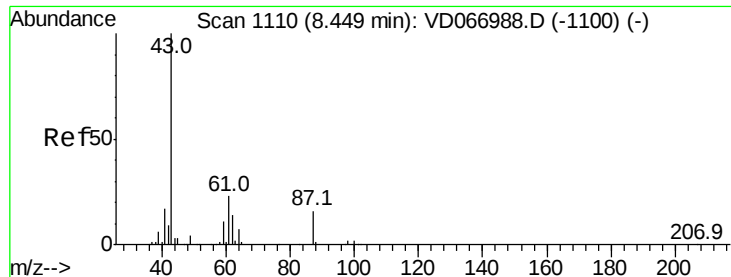
Tot Ion:	41	Resp:	20906
Ion	Ratio	Lower	Upper
41	100		
39	62.3	0.0	0.0#
67	97.1	0.0	0.0#
52	36.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 22.125 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion:	62	Resp:	104016
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.800 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

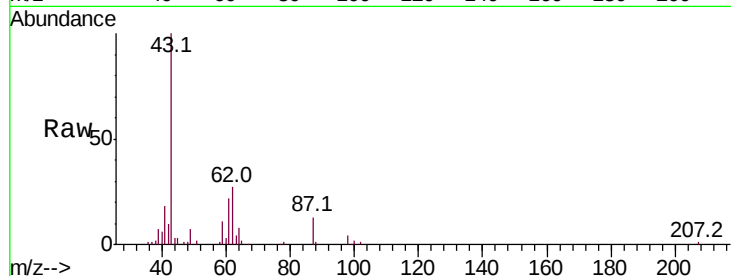
Tot Ion: 43 Resp: 84274

Ion Ratio Lower Upper

43 100

61 33.8 27.1 40.7

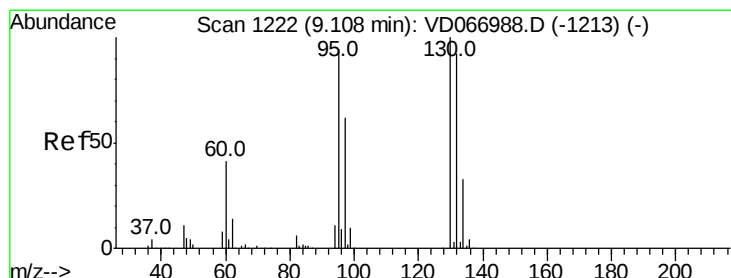
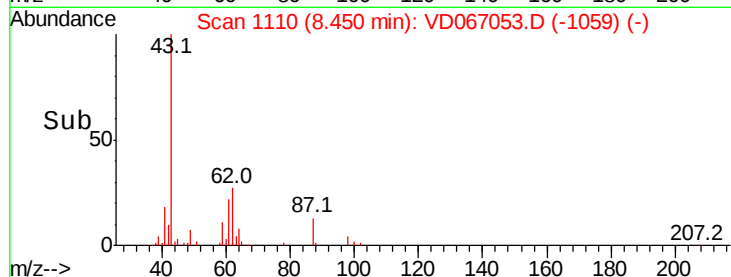
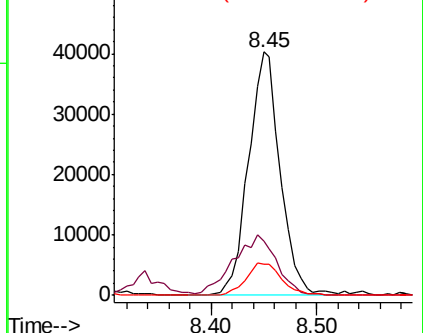
87 14.8 12.3 18.5



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: 22.106 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067053.D

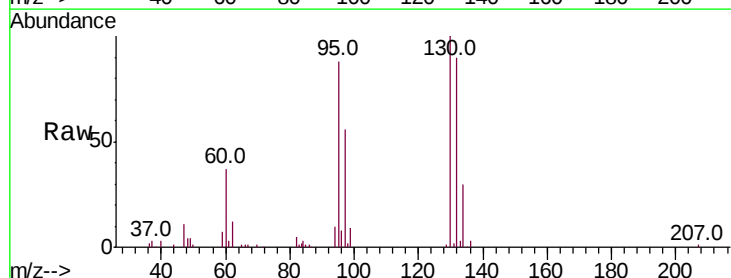
Acq: 03 Oct 2020 00:37

Tgt Ion:130 Resp: 111057

Ion Ratio Lower Upper

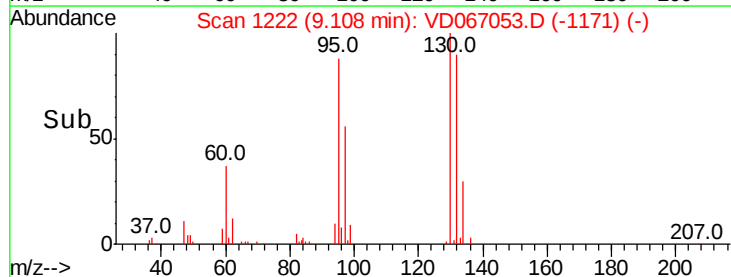
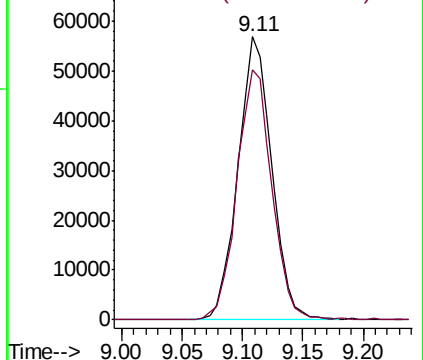
130 100

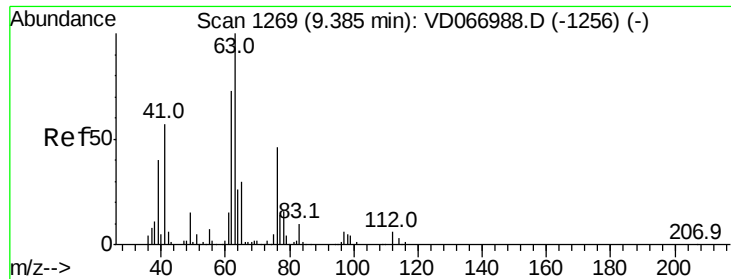
95 88.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.558 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

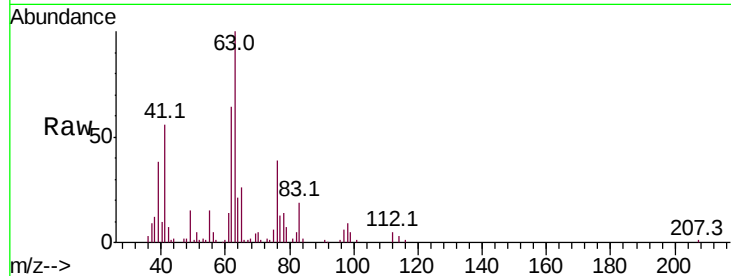
VD1002SBS02

Tot Ion: 63 Resp: 89176

Ion Ratio Lower Upper

63 100

65 26.1 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

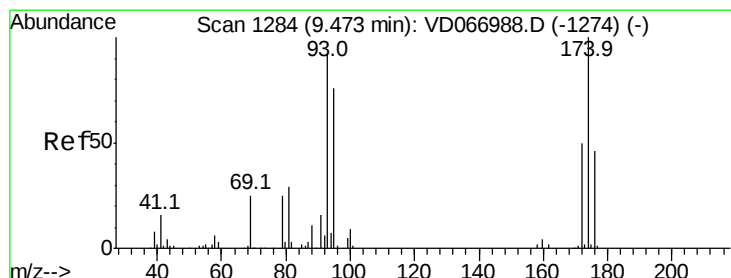
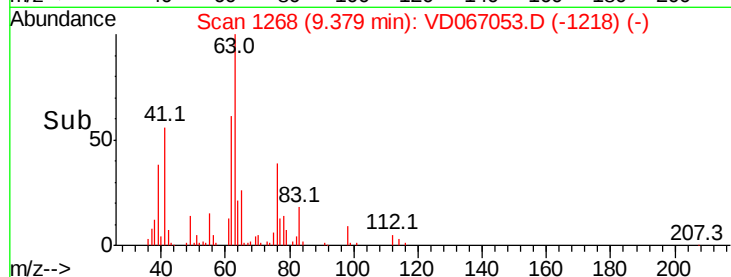
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#46

Dibromomethane

Concen: 22.373 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

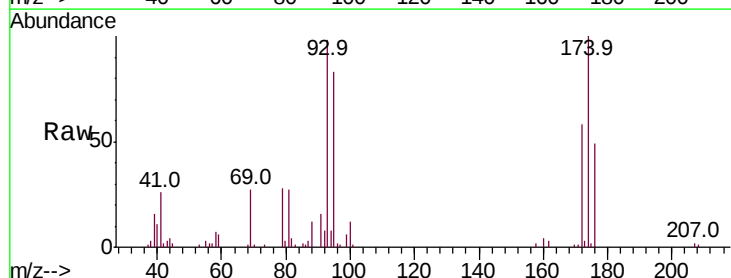
Tgt Ion: 93 Resp: 50833

Ion Ratio Lower Upper

93 100

95 83.4 64.7 97.1

174 109.2 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

30000

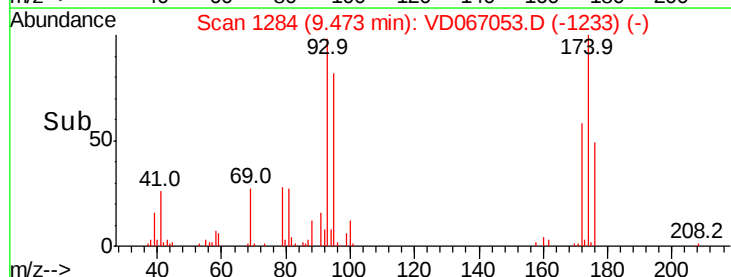
20000

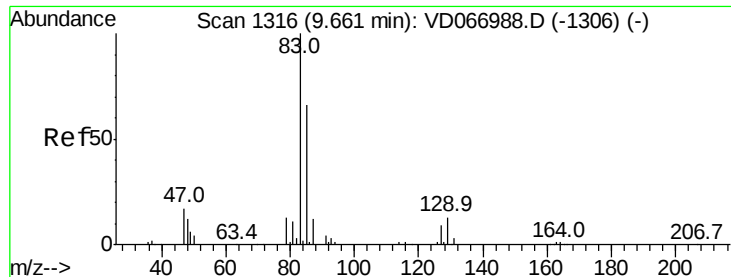
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 22.811 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

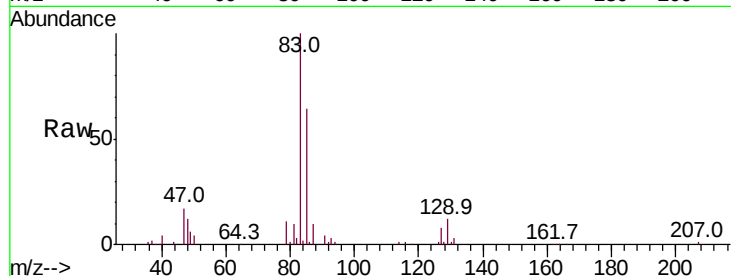
Tot Ion: 83 Resp: 134721

Ion Ratio Lower Upper

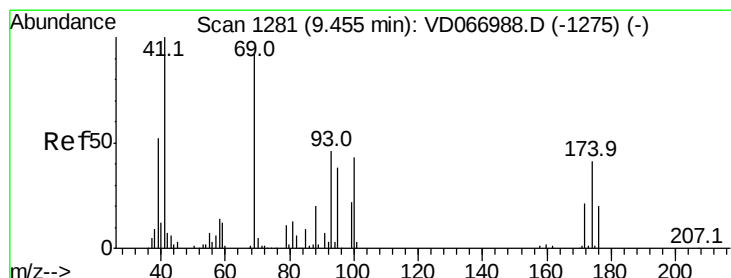
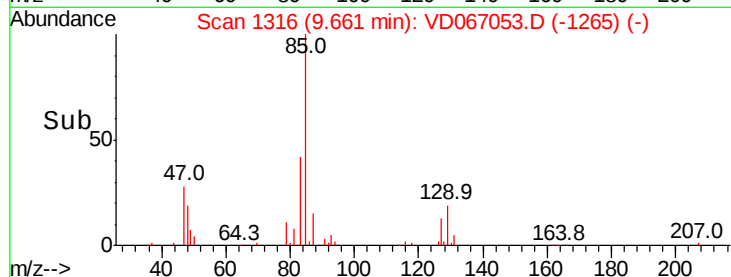
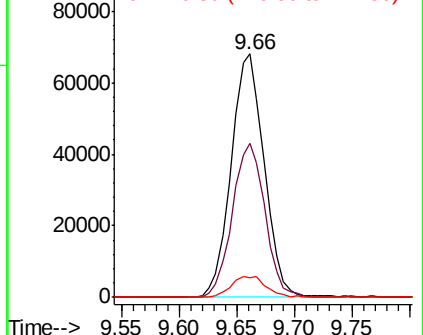
83 100

85 63.5 52.9 79.3

127 8.2 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: 19.204 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

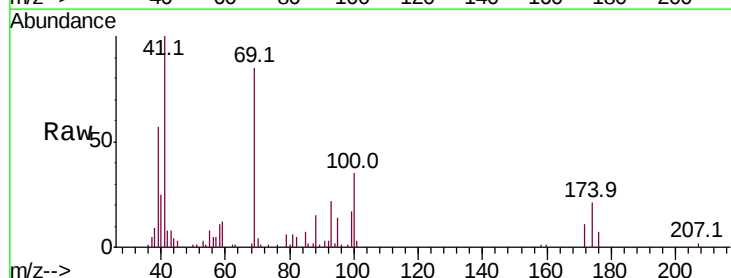
Tgt Ion: 41 Resp: 38033

Ion Ratio Lower Upper

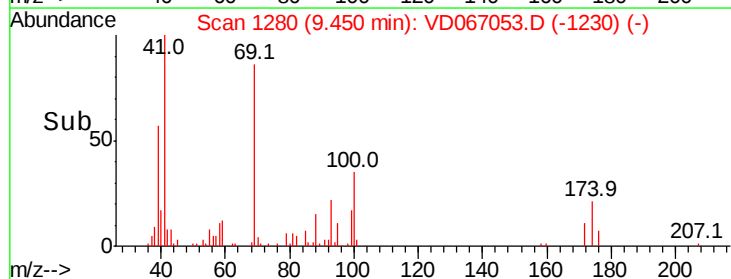
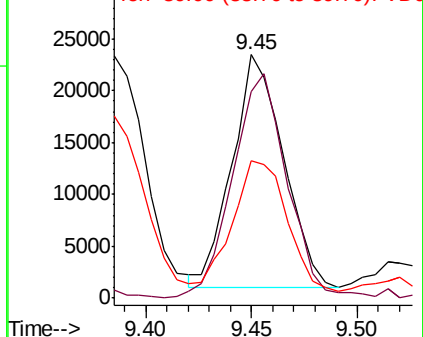
41 100

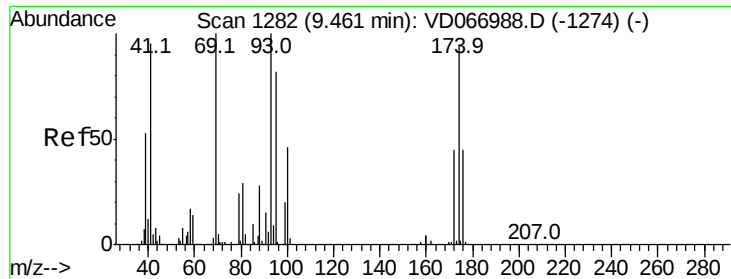
69 102.4 68.5 102.7

39 66.8 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

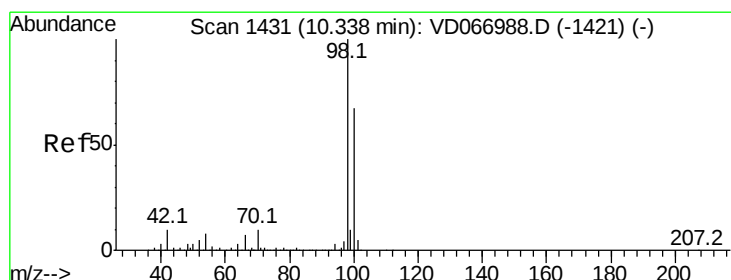
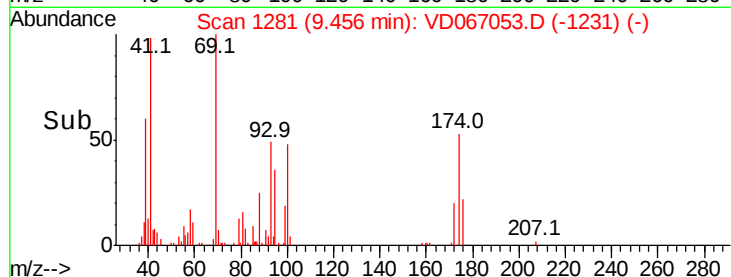
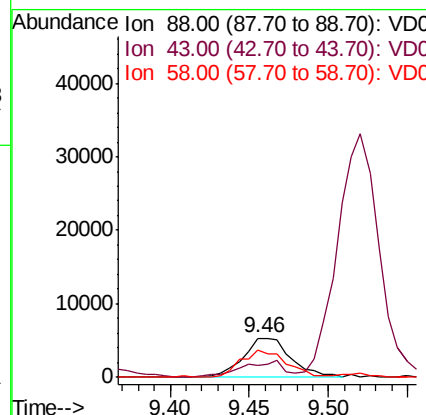
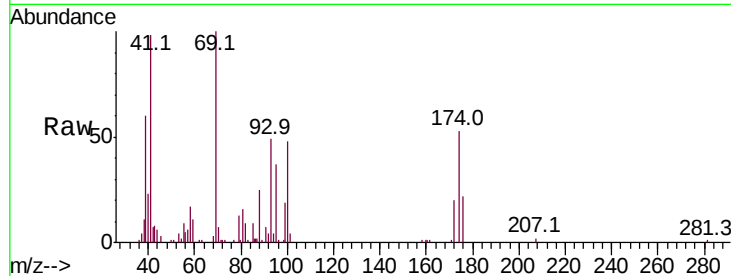




#49
1,4-Dioxane
Concen: 470.248 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

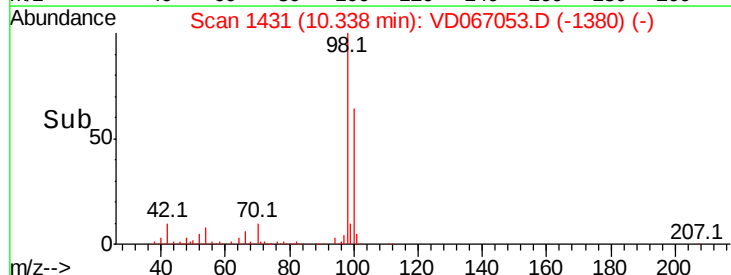
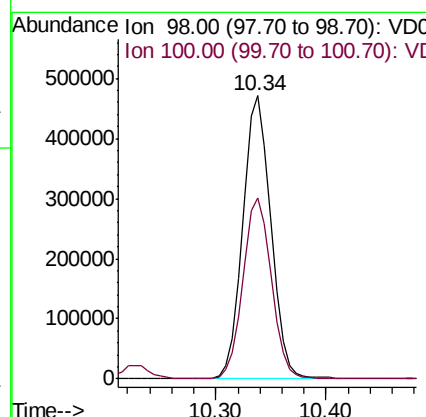
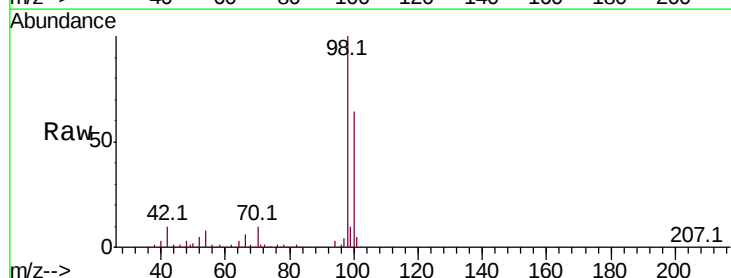
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

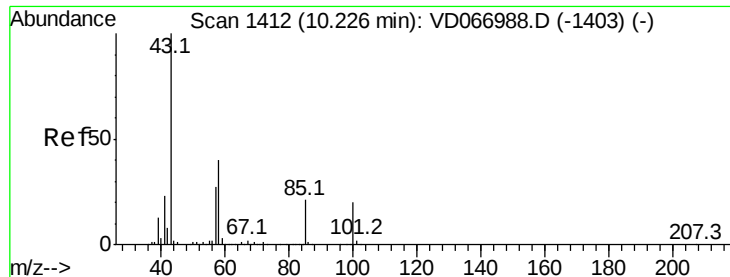
Tot Ion: 88 Resp: 11151
Ion Ratio Lower Upper
88 100
43 38.1 25.6 38.4
58 66.2 53.5 80.3



#50
Toluene-d8
Concen: 54.565 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 98 Resp: 845902
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 107.552 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

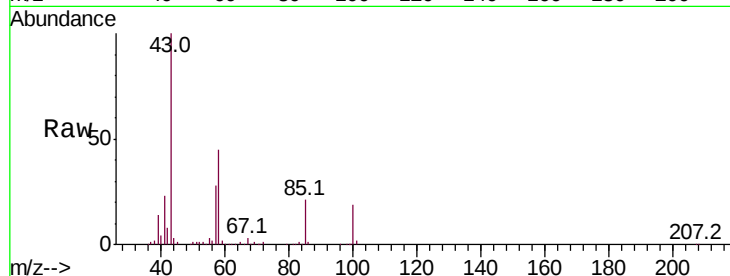
VD1002SBS02

Tot Ion: 43 Resp: 207092

Ion Ratio Lower Upper

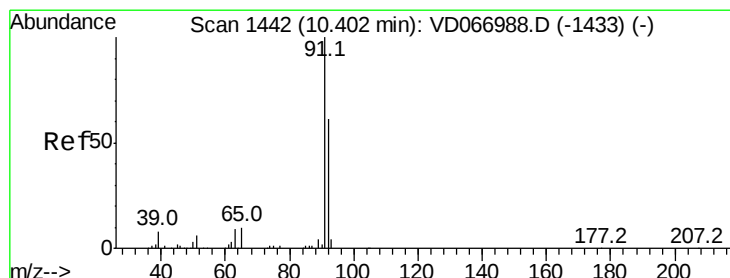
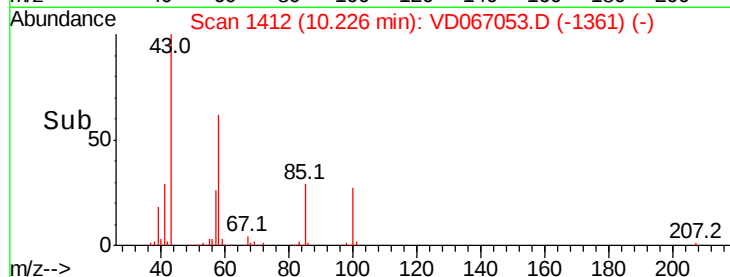
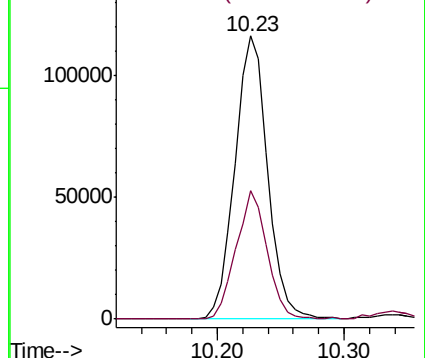
43 100

58 42.9 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 22.911 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067053.D

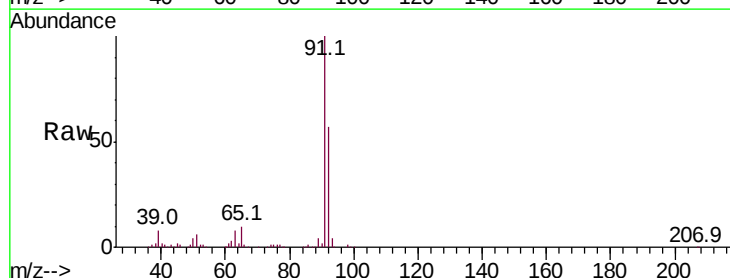
Acq: 03 Oct 2020 00:37

Tgt Ion: 92 Resp: 248305

Ion Ratio Lower Upper

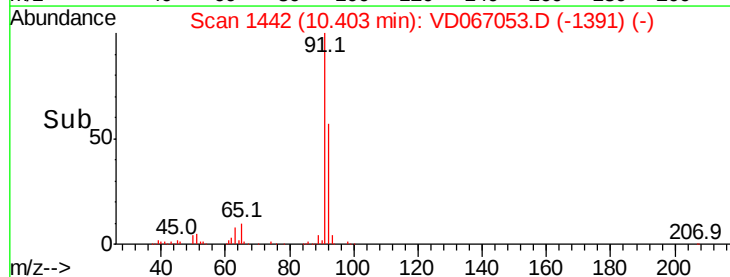
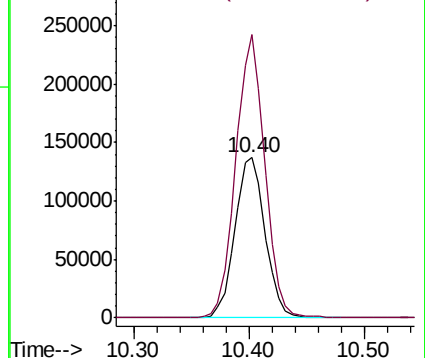
92 100

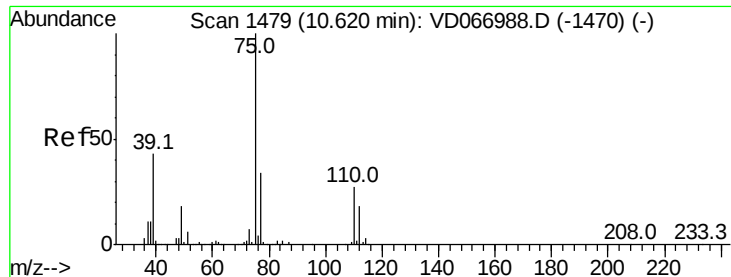
91 170.5 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 21.917 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

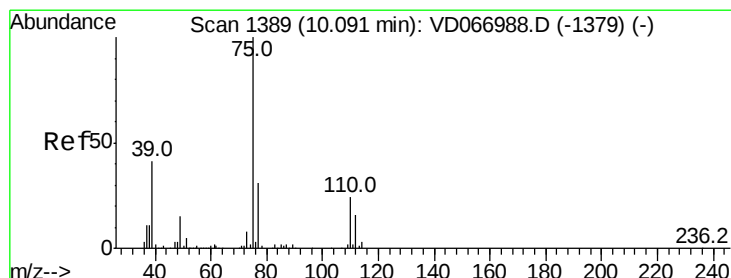
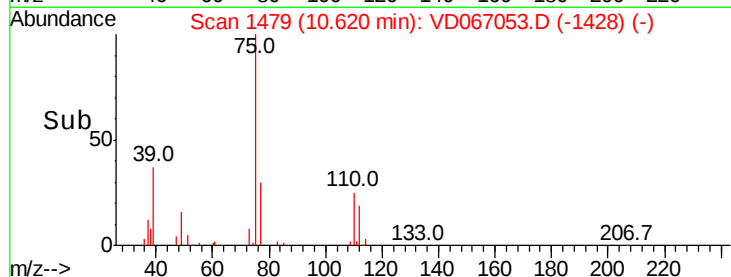
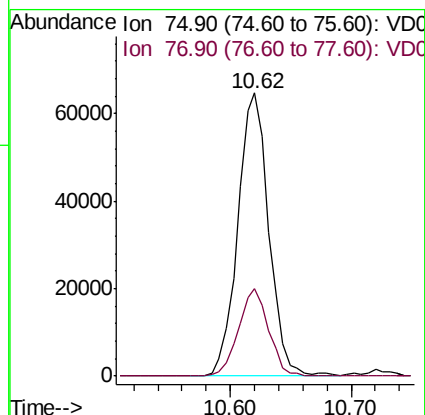
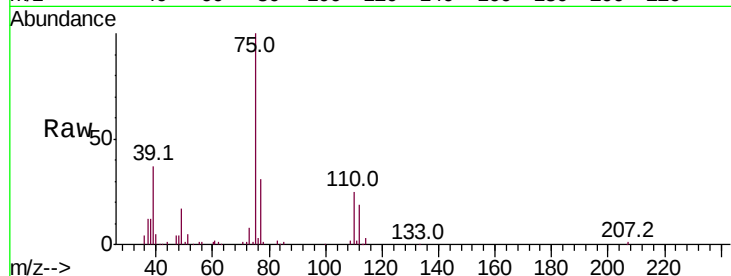
VD1002SBS02

Tot Ion: 75 Resp: 115690

Ion Ratio Lower Upper

75 100

77 30.8 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 21.666 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

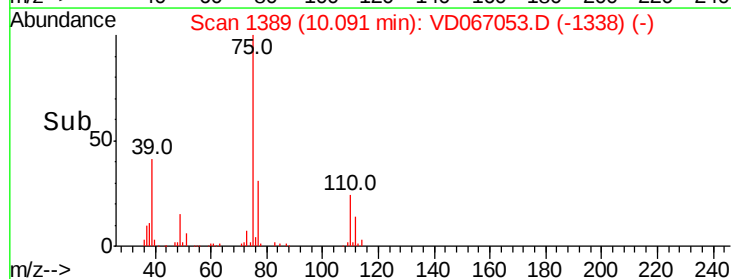
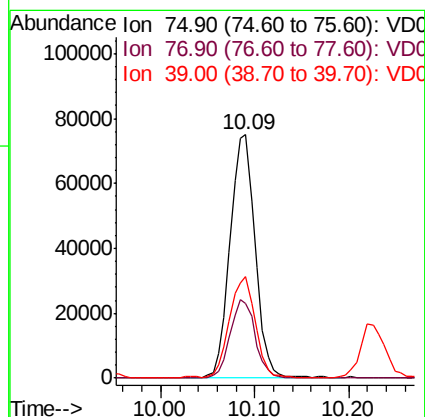
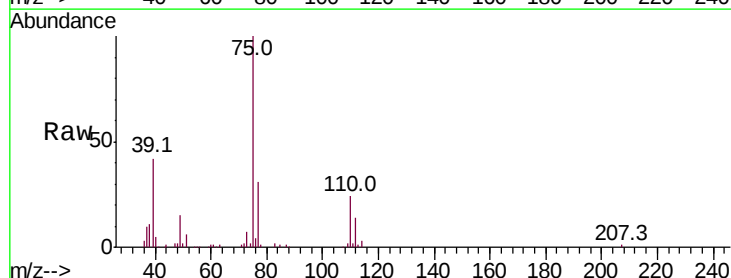
Tgt Ion: 75 Resp: 139650

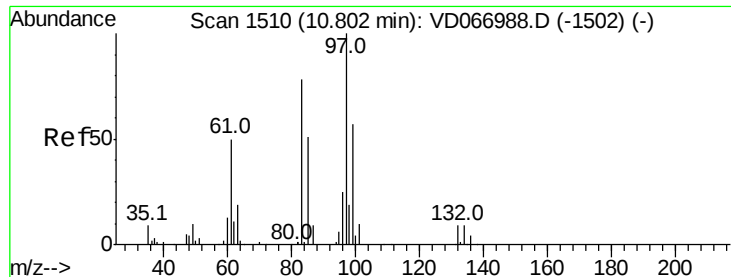
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 41.2 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 22.800 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

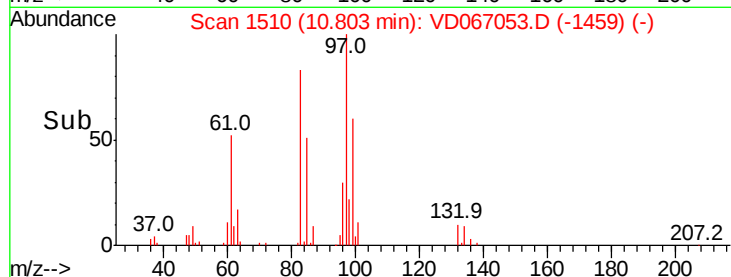
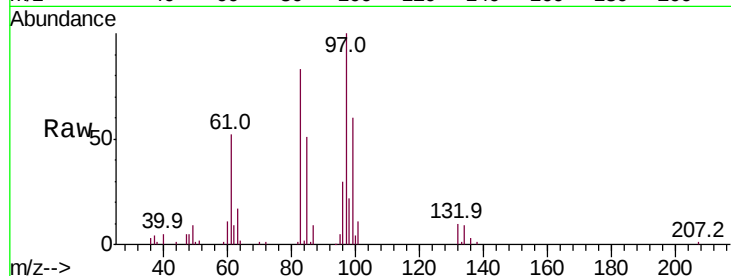
MSVOA_D

ClientSampleId :

VD1002SBS02

Tot Ion: 97 Resp: 72021

Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.4	93.6
85	51.2	41.0	61.4
99	59.6	45.9	68.9

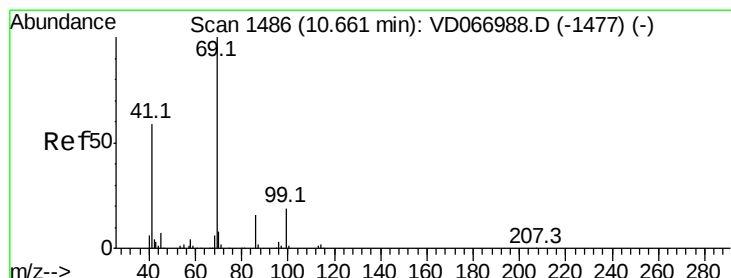


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 22.375 ug/l

RT: 10.66 min Scan# 1485

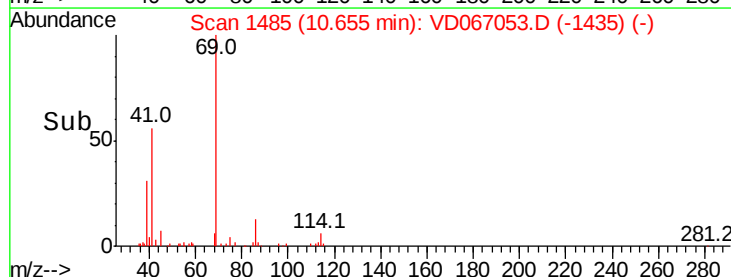
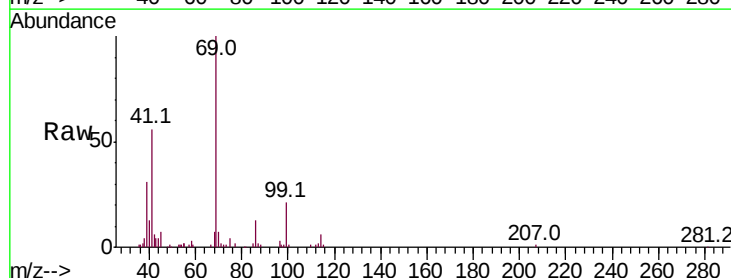
Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion: 69 Resp: 72973

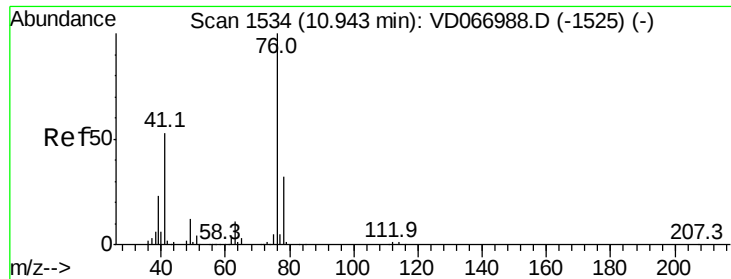
Ion	Ratio	Lower	Upper
69	100		
41	59.8	46.4	69.6
39	28.7	23.8	35.6



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: 22.973 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

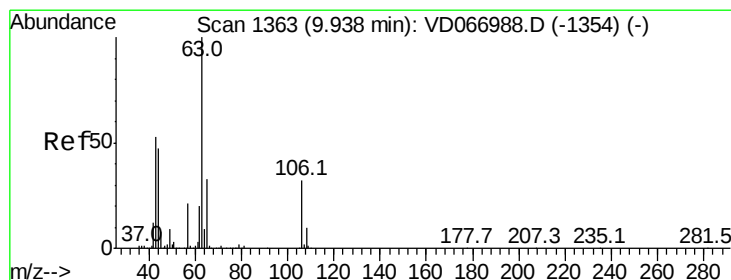
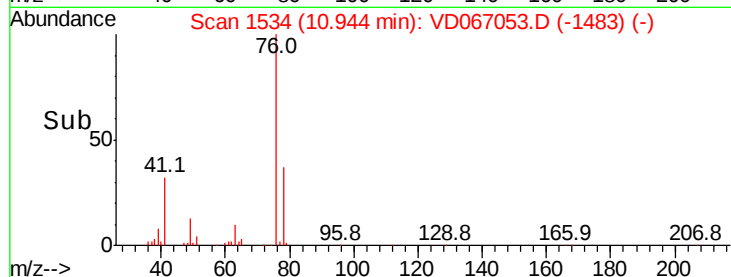
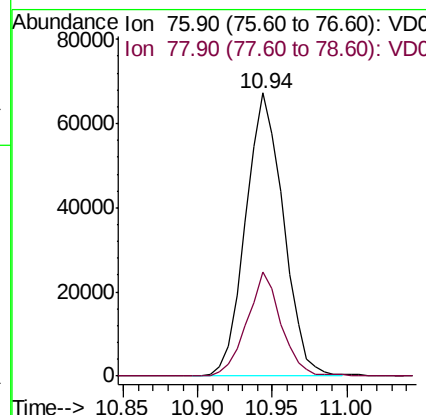
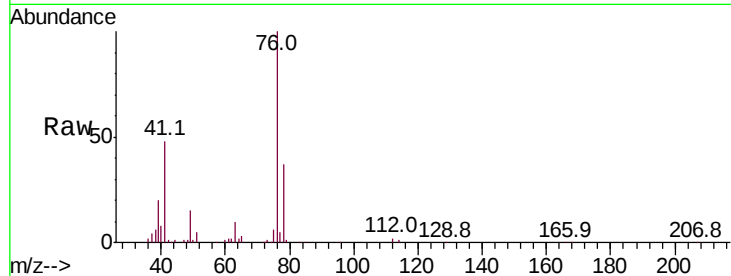
Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion: 76 Resp: 117679

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 109.795 ug/l

RT: 9.94 min Scan# 1363

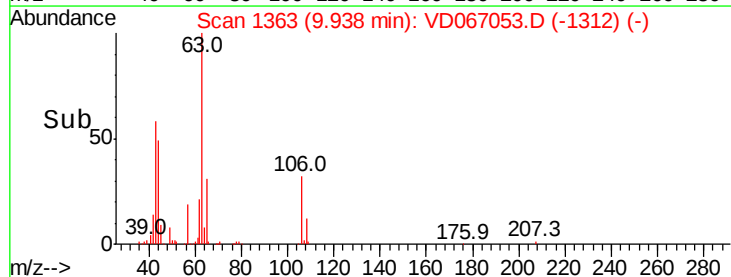
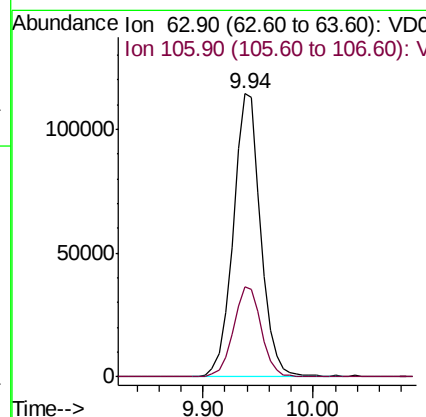
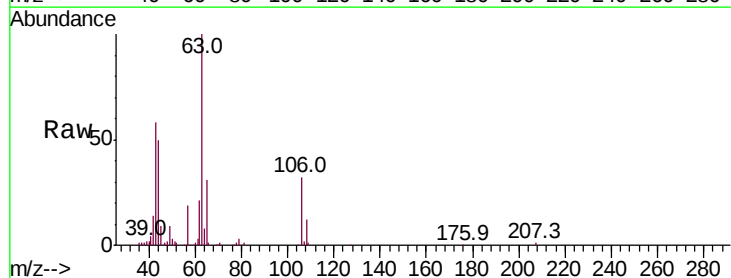
Delta R.T. 0.00 min

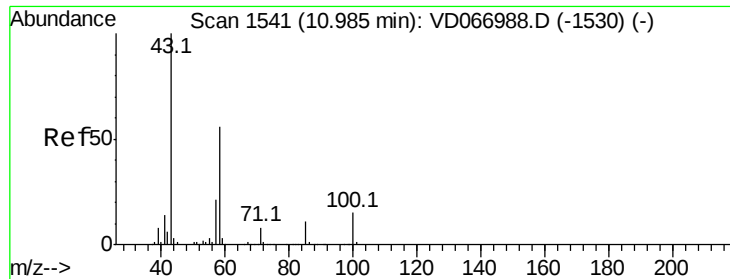
Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion: 63 Resp: 199300

Ion	Ratio	Lower	Upper
63	100		
106	32.3	25.3	37.9

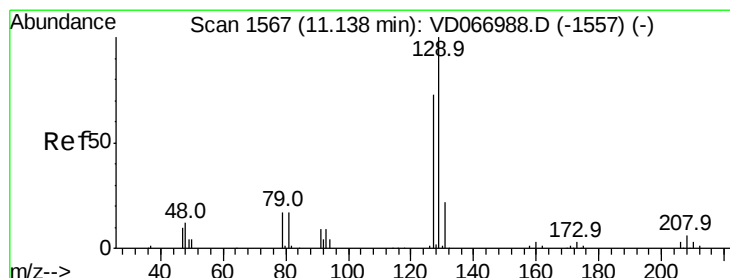
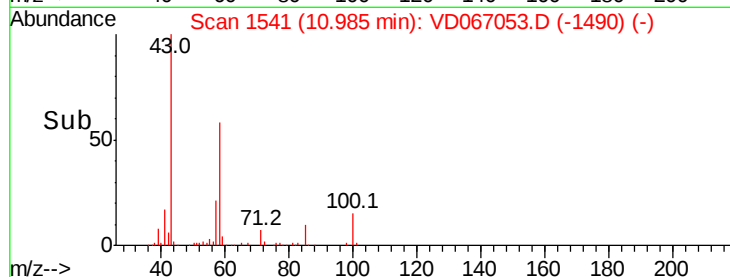
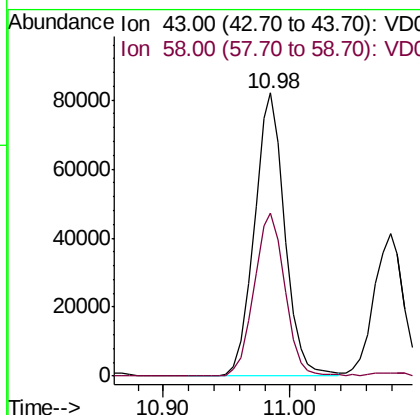
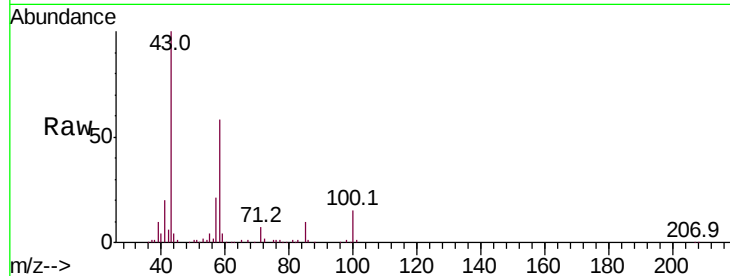




#59
2-Hexanone
Concen: 106.714 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

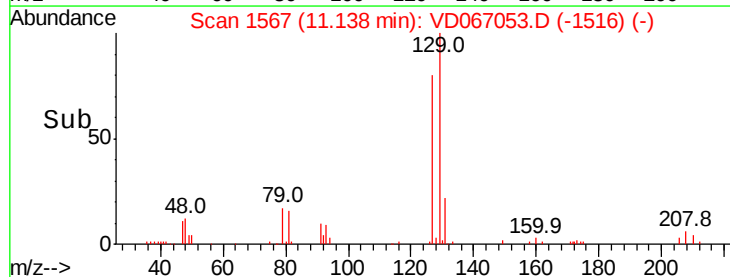
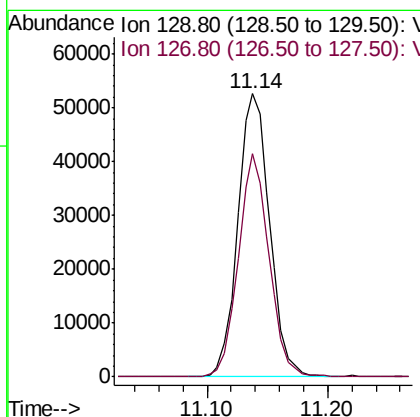
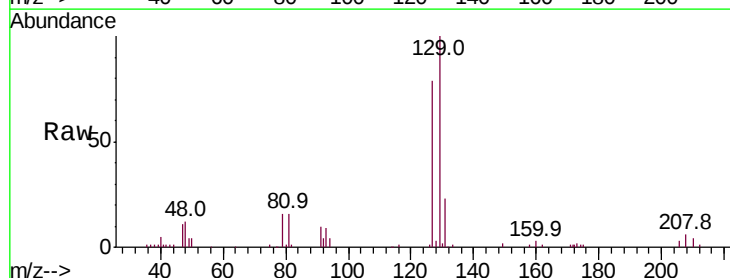
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

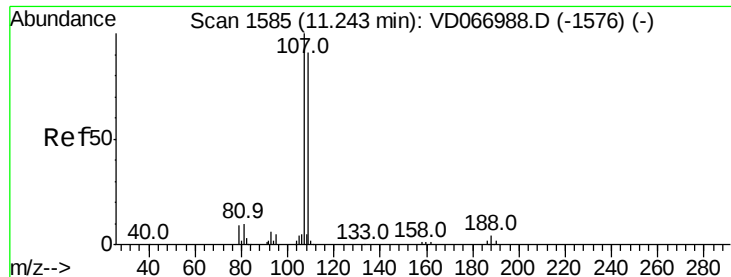
Tot Ion: 43 Resp: 137145
Ion Ratio Lower Upper
43 100
58 58.5 28.3 84.9



#60
Dibromochloromethane
Concen: 22.879 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 129 Resp: 96325
Ion Ratio Lower Upper
129 100
127 76.3 37.4 112.1

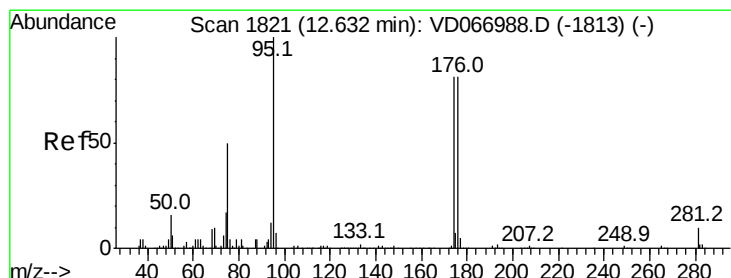
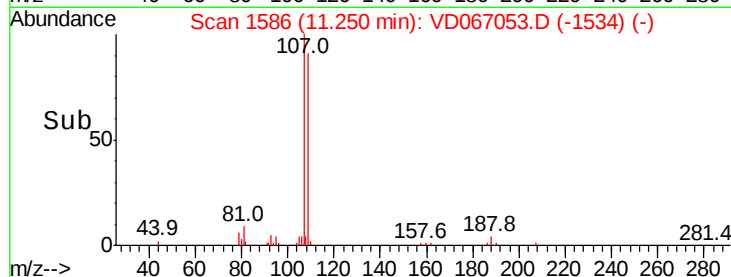
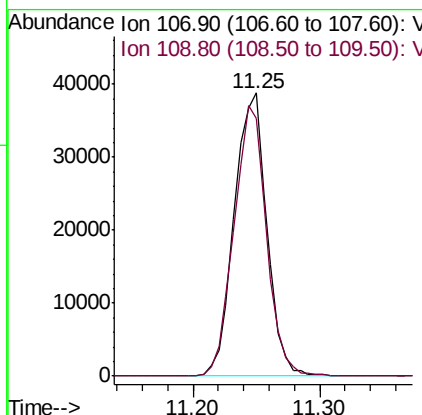
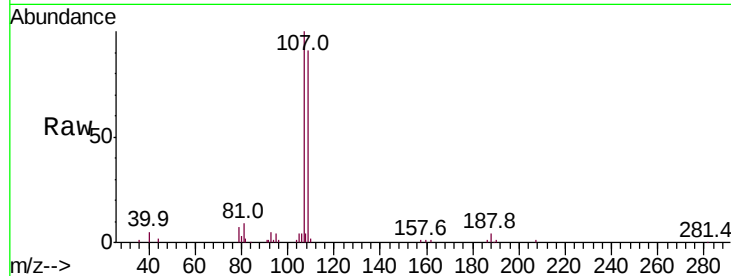




#61
 1,2-Dibromoethane
 Concen: 22.724 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

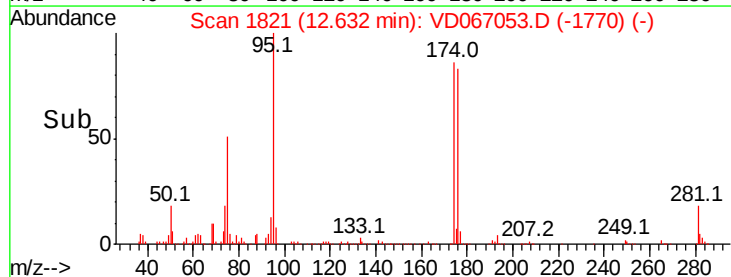
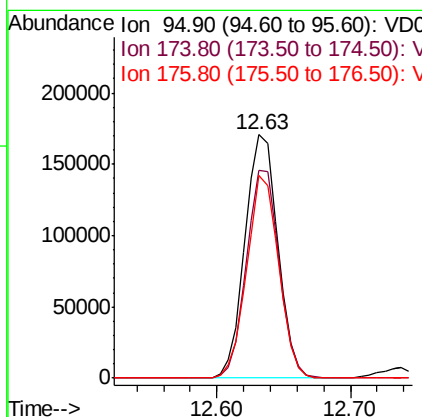
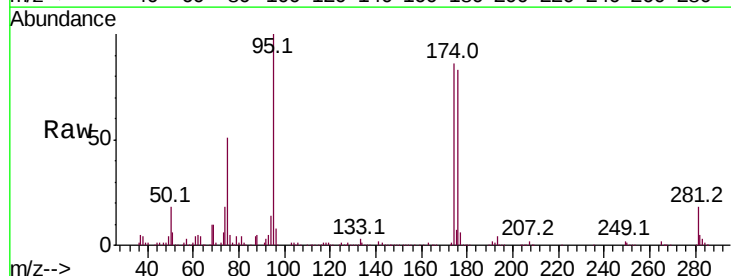
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

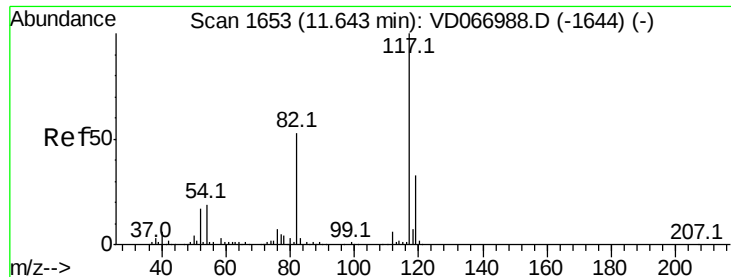
Tot Ion:107 Resp: 68963
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 55.050 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion: 95 Resp: 289716
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 167.6
 176 80.8 0.0 162.4

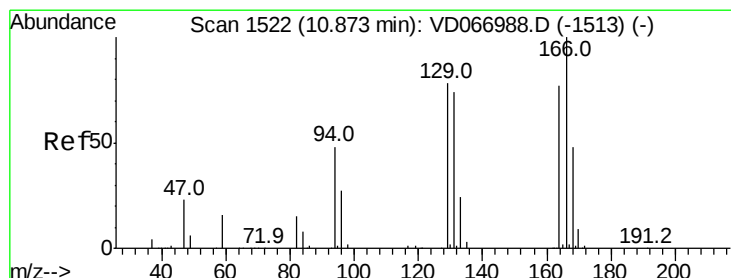
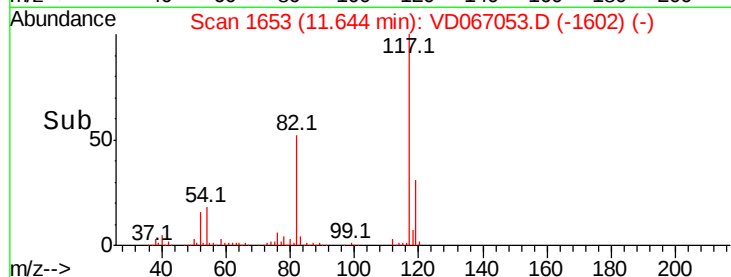
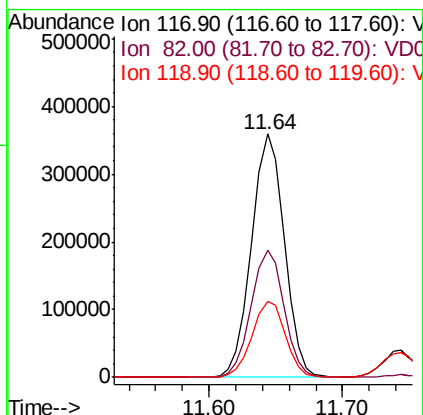
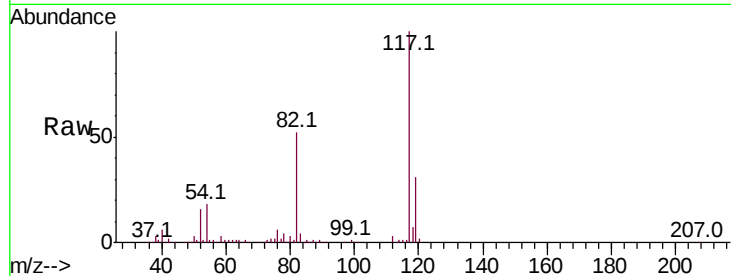




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

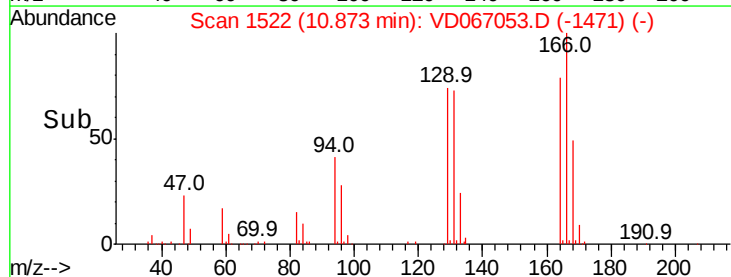
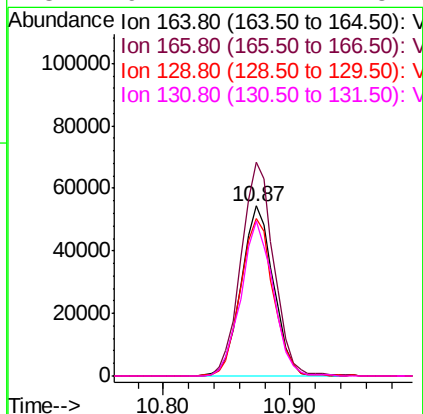
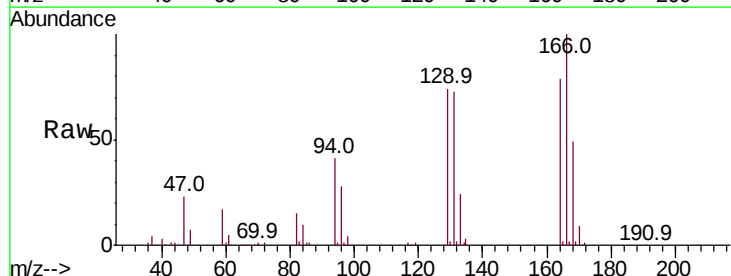
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

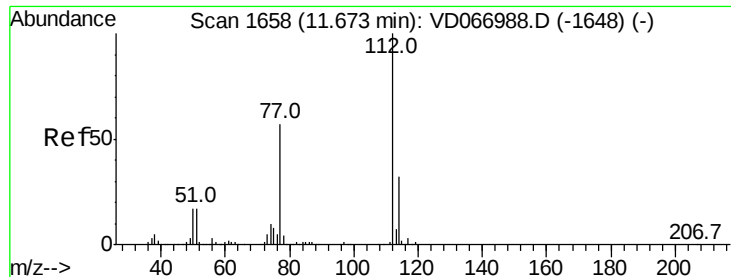
Tot Ion:117 Resp: 611556
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 21.604 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion:164 Resp: 96054
Ion Ratio Lower Upper
164 100
166 125.8 104.4 156.6
129 92.7 81.3 121.9
131 91.4 77.1 115.7





#65

Chlorobenzene

Concen: 22.199 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

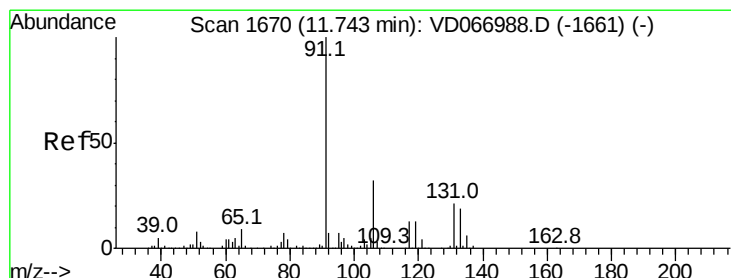
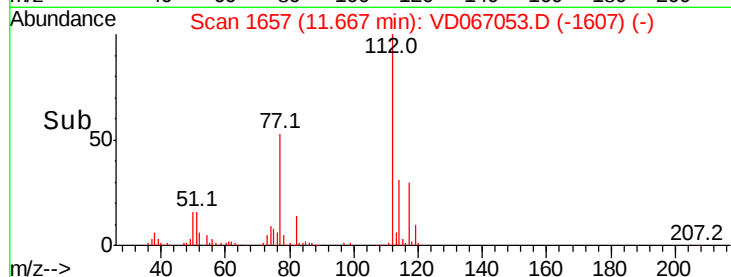
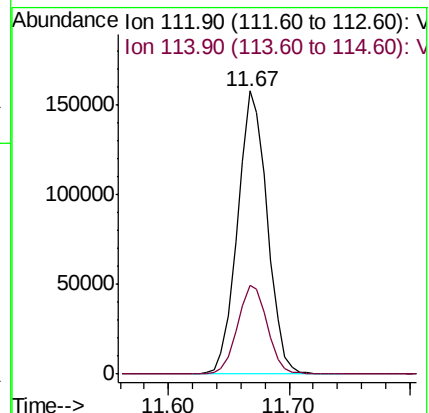
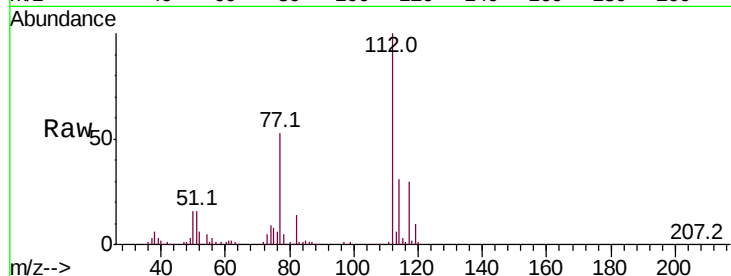
VD1002SBS02

Tot Ion:112 Resp: 270004

Ion Ratio Lower Upper

112 100

114 31.4 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.783 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

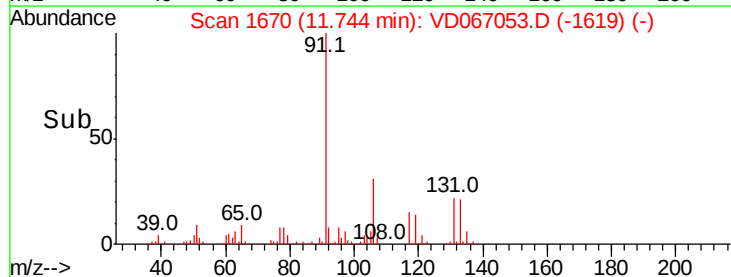
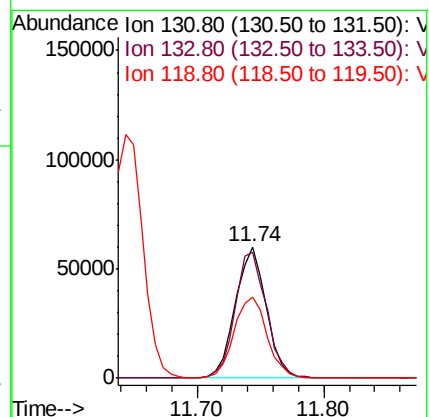
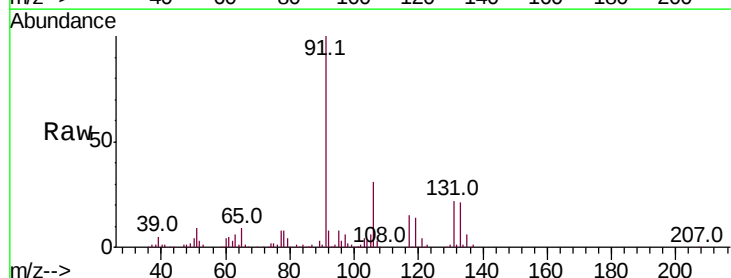
Tgt Ion:131 Resp: 100782

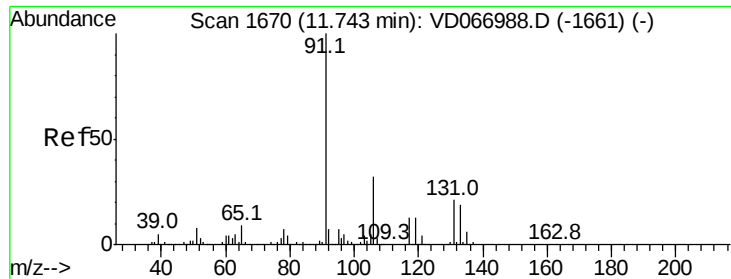
Ion Ratio Lower Upper

131 100

133 97.6 47.8 143.3

119 65.8 32.3 96.8

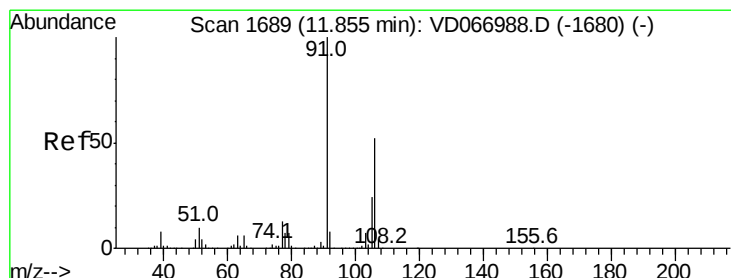
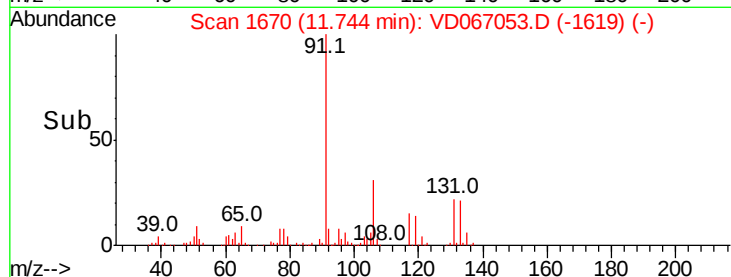
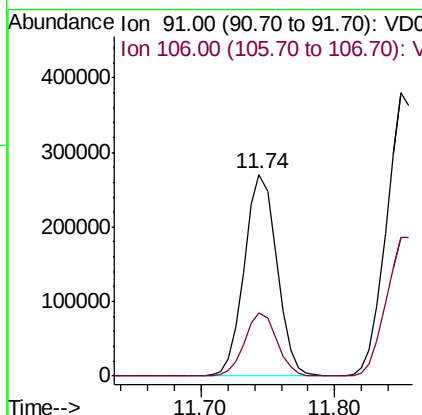
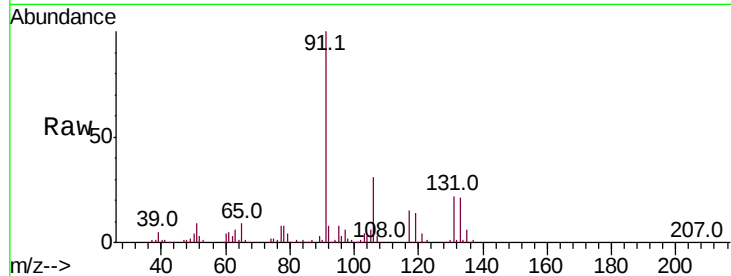




#67
Ethyl Benzene
Concen: 21.844 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

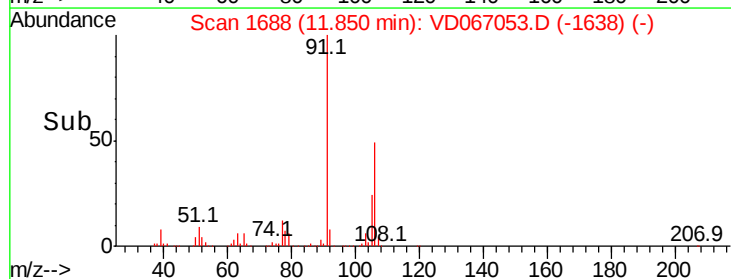
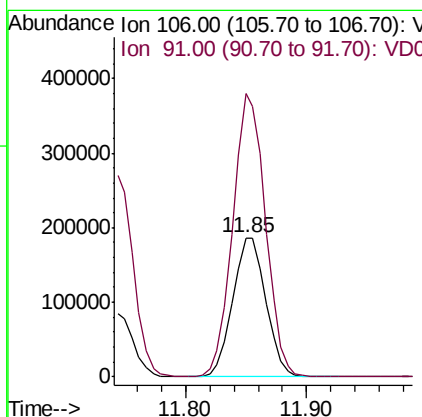
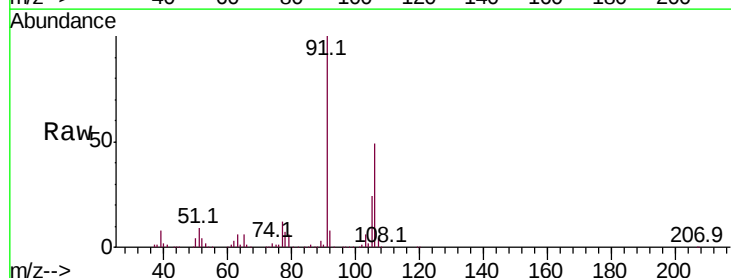
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

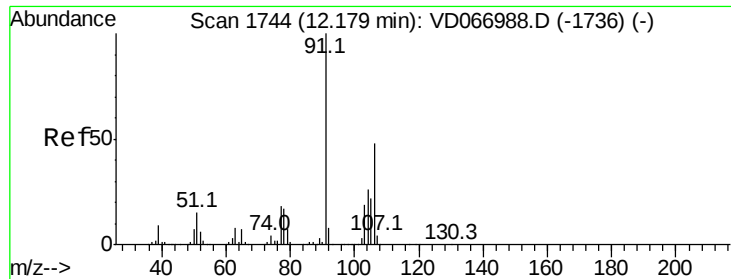
Tot Ion: 91 Resp: 455242
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 43.982 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 106 Resp: 357213
Ion Ratio Lower Upper
106 100
91 200.4 158.4 237.6

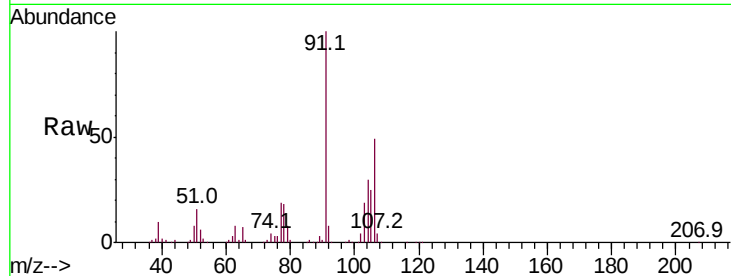




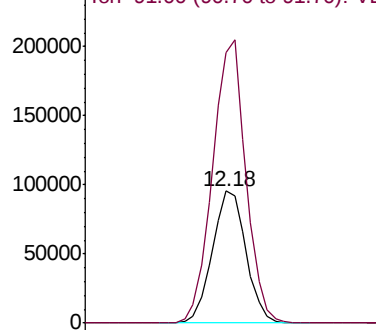
#69
o-Xylene
Concen: 21.958 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

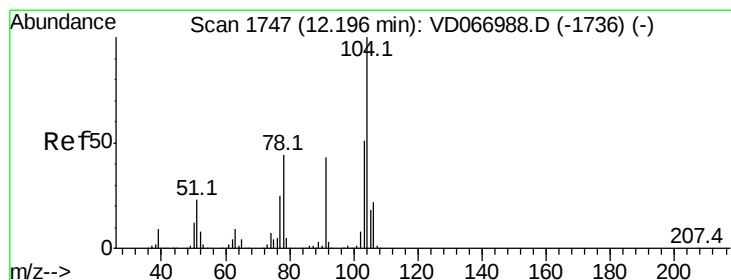
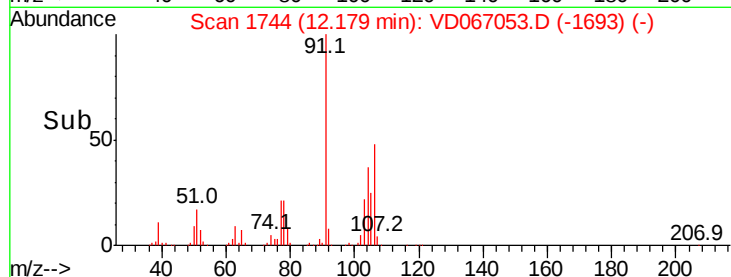
Tot Ion:106 Resp: 159477
Ion Ratio Lower Upper
106 100
91 211.6 102.4 307.2



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

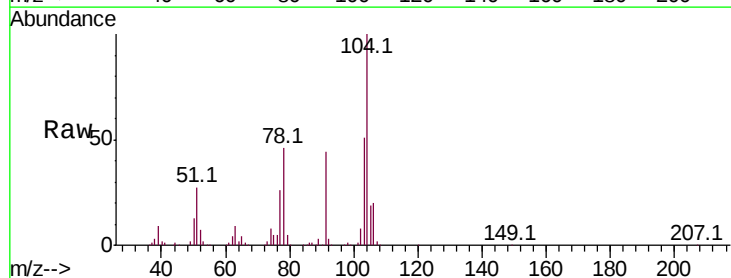


Time-->

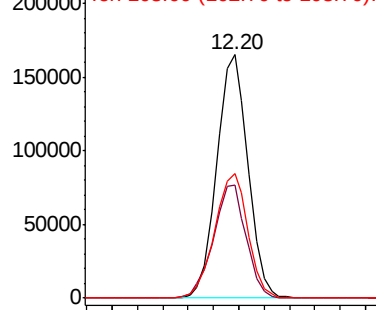


#70
Styrene
Concen: 22.669 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

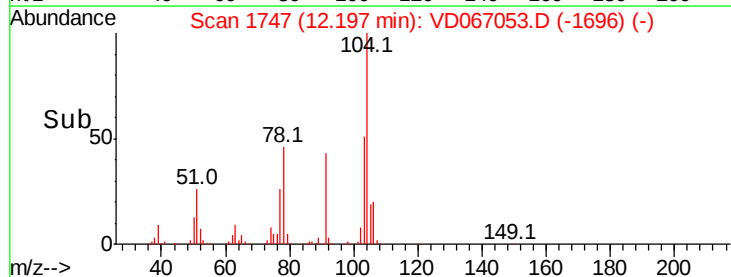
Tgt Ion:104 Resp: 282712
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.6 43.4 65.0

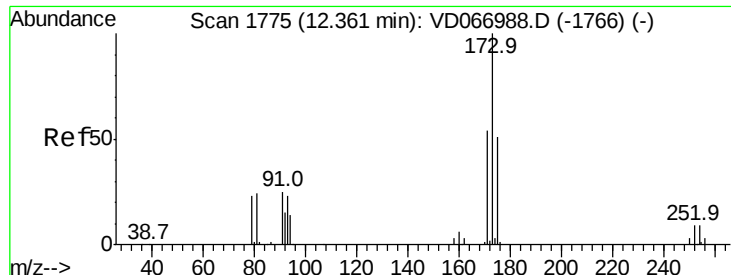


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 22.173 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

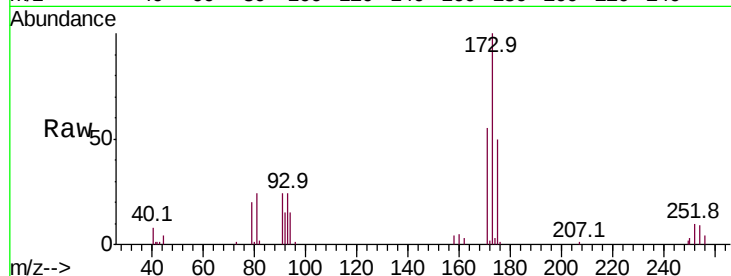
Tot Ion:173 Resp: 53251

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.7

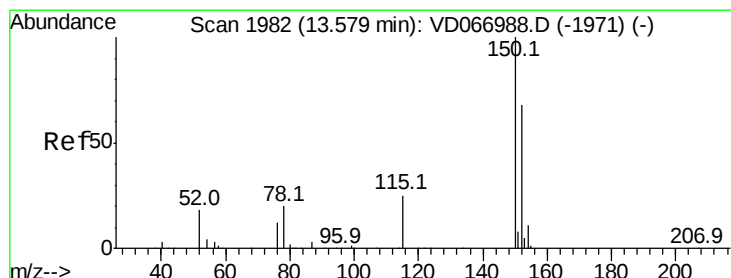
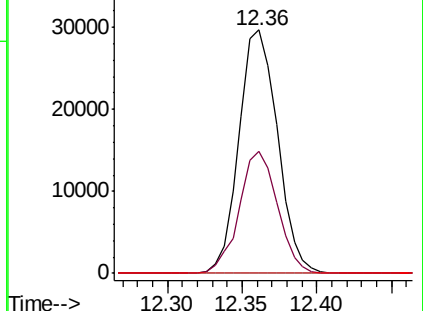
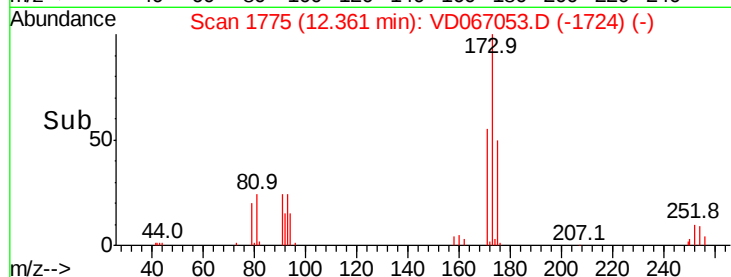
254 0.0 0.2 0.4#



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: VD067053.D

Acq: 03 Oct 2020 00:37

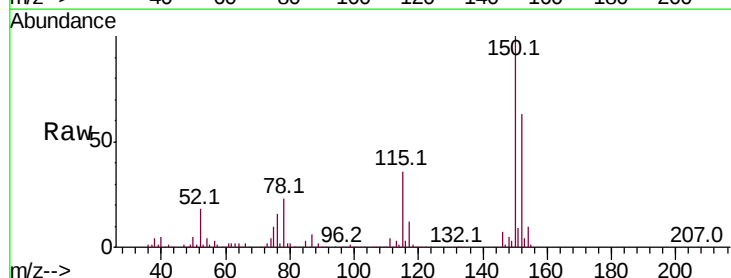
Tgt Ion:152 Resp: 299186

Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.8

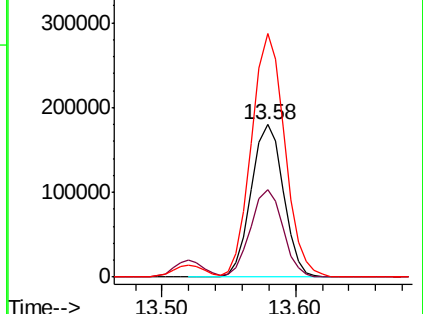
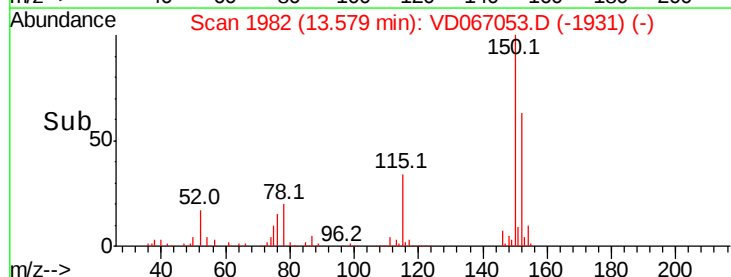
150 165.3 0.0 344.8

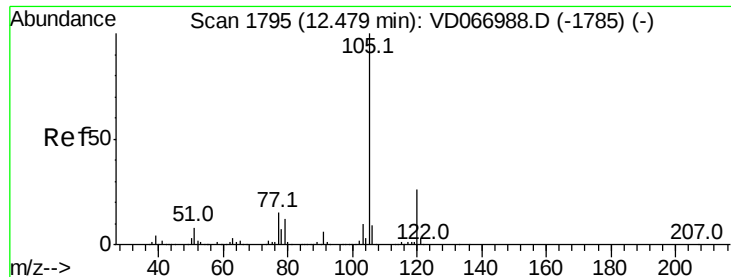


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.389 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

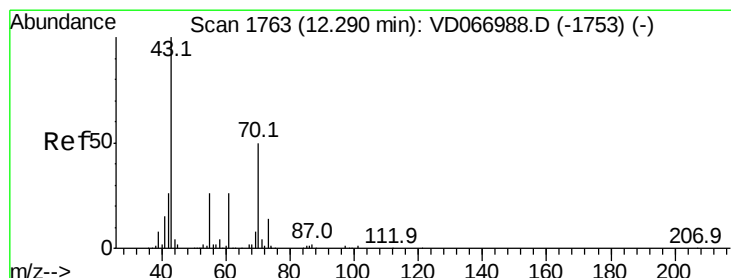
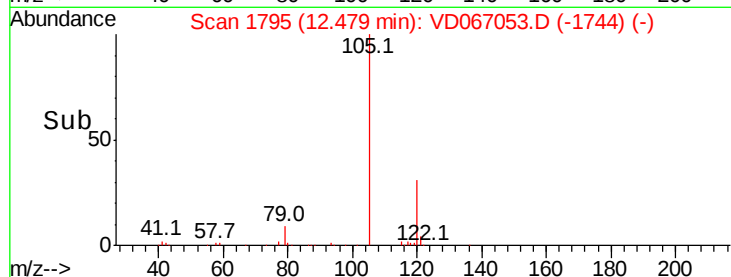
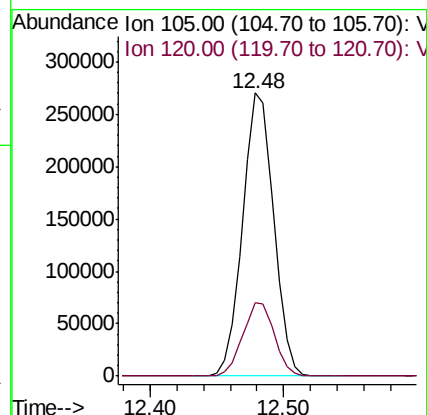
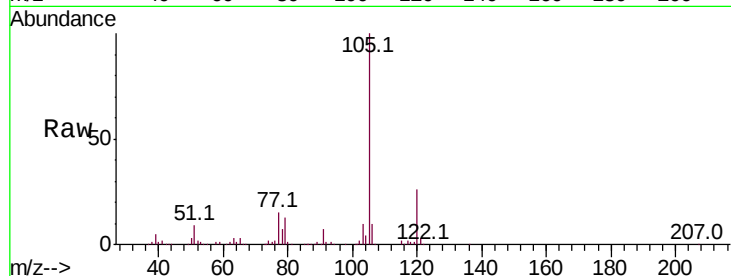
VD1002SBS02

Tot Ion:105 Resp: 434529

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 19.774 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion: 43 Resp: 72214

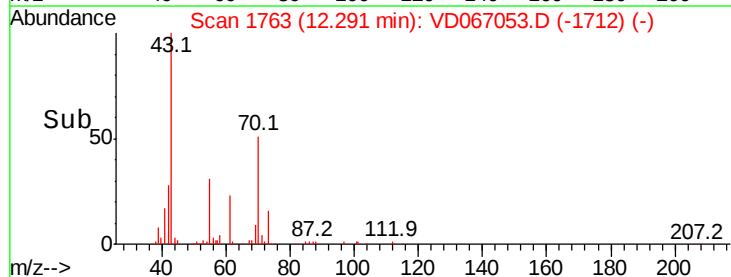
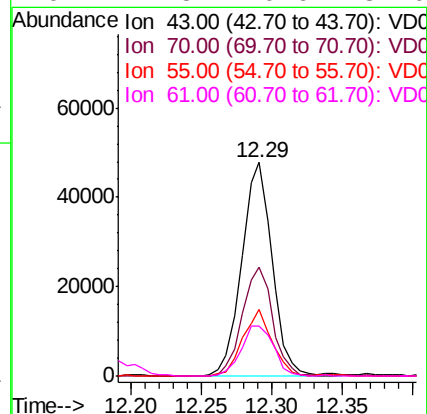
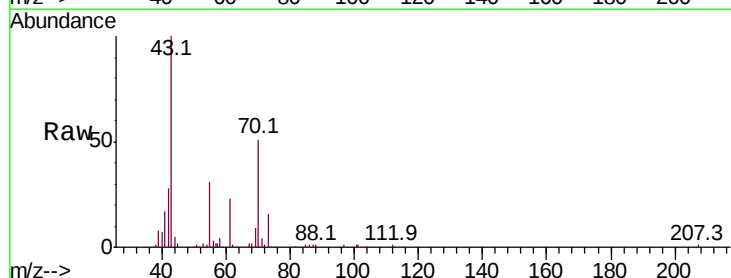
Ion Ratio Lower Upper

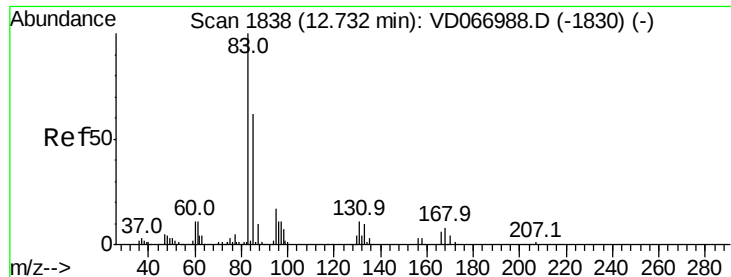
43 100

70 50.4 38.2 57.2

55 29.8 22.4 33.6

61 24.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.516 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

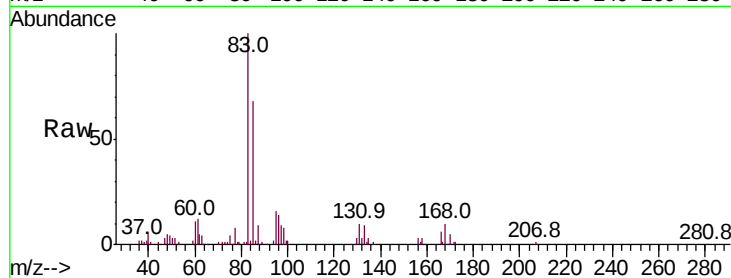
Tot Ion: 83 Resp: 73646

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.0

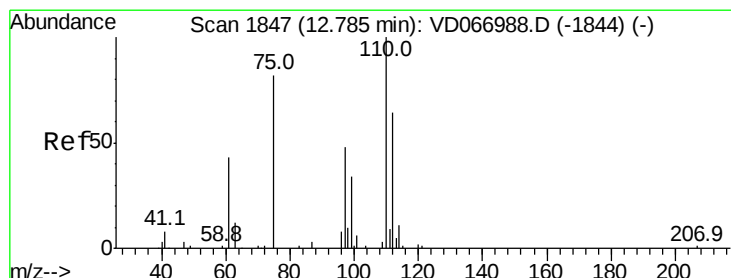
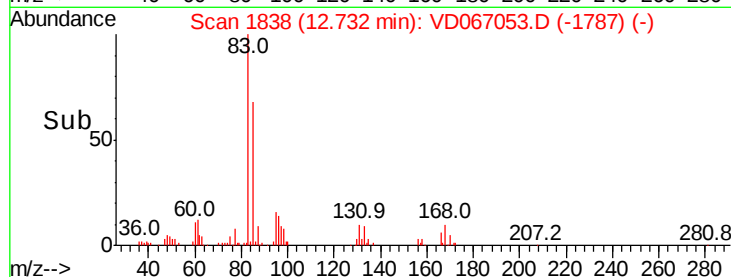
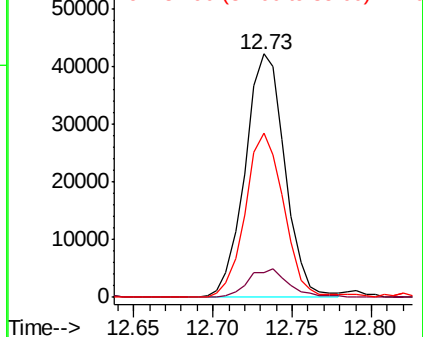
85 64.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 35.585 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067053.D

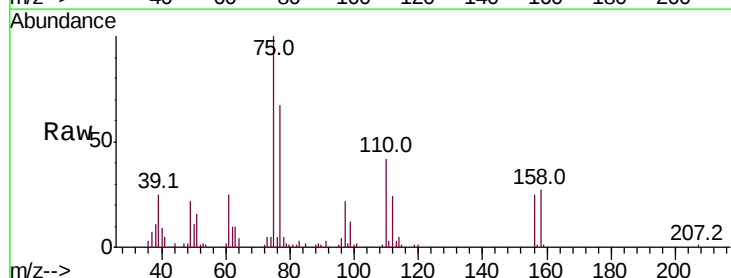
Acq: 03 Oct 2020 00:37

Tgt Ion: 75 Resp: 92734

Ion Ratio Lower Upper

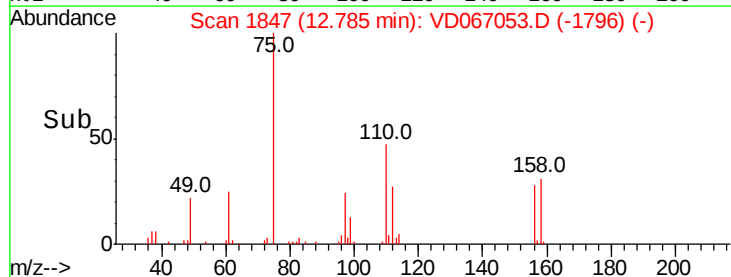
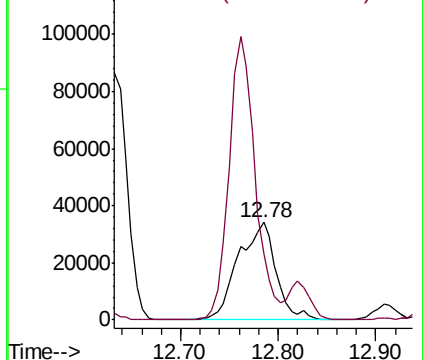
75 100

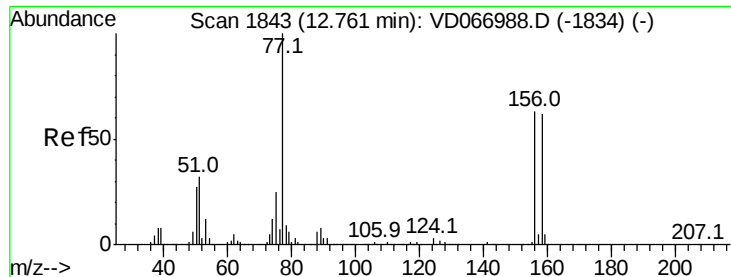
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

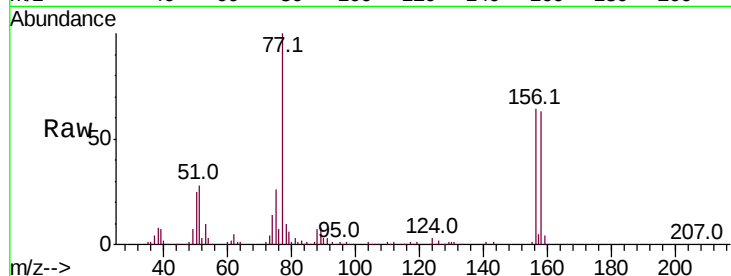




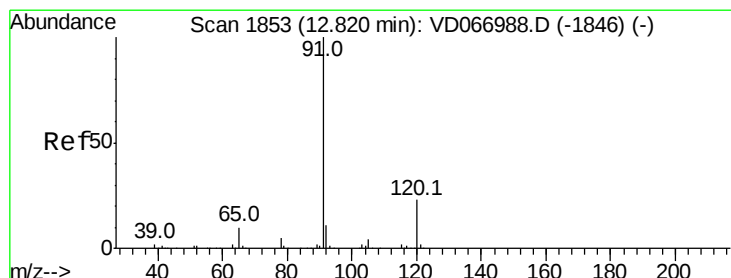
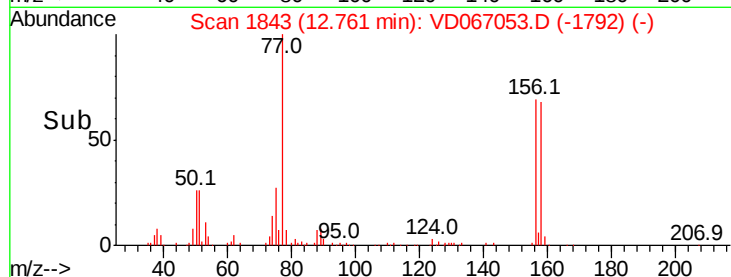
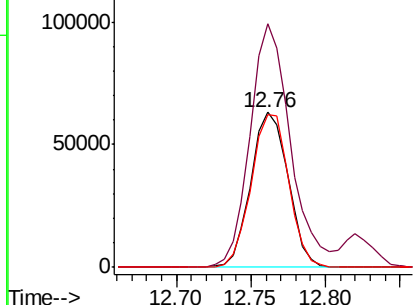
#77
Bromobenzene
Concen: 22.198 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion:156 Resp: 108889
Ion Ratio Lower Upper
156 100
77 170.1 86.3 258.8
158 99.6 49.5 148.3

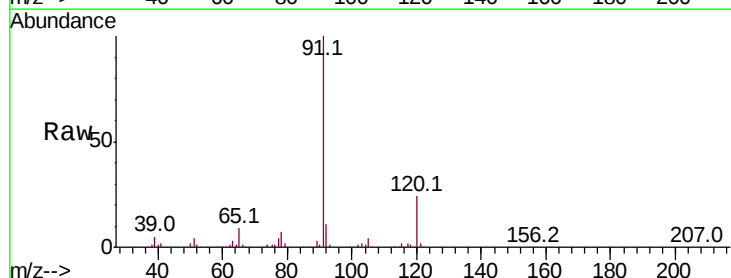


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

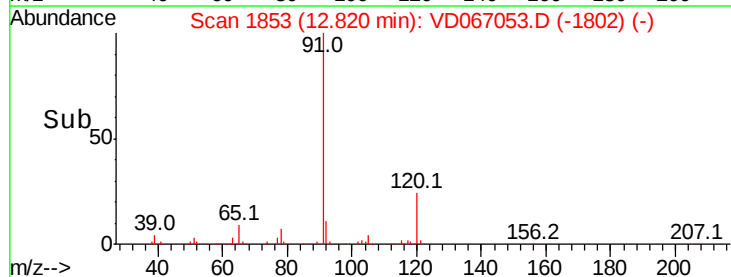
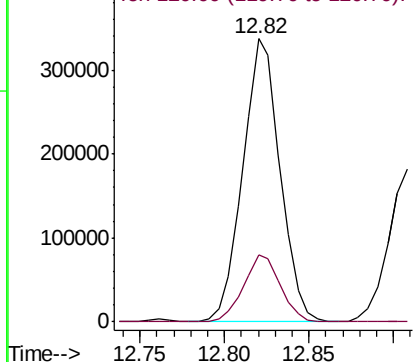


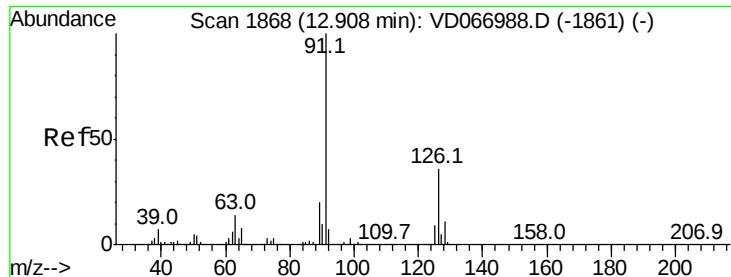
#78
n-propylbenzene
Concen: 21.504 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 91 Resp: 516301
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

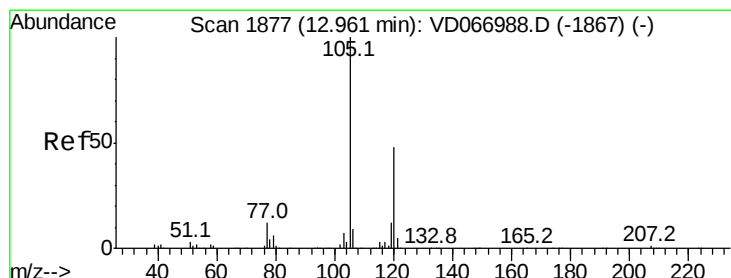
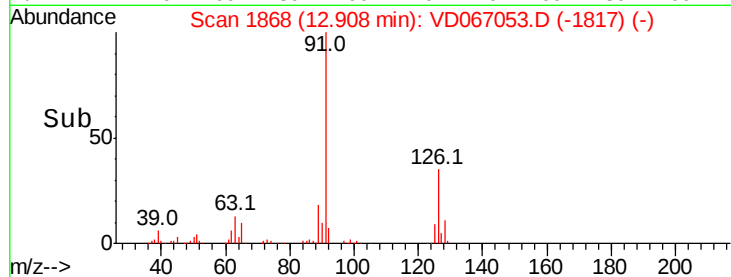
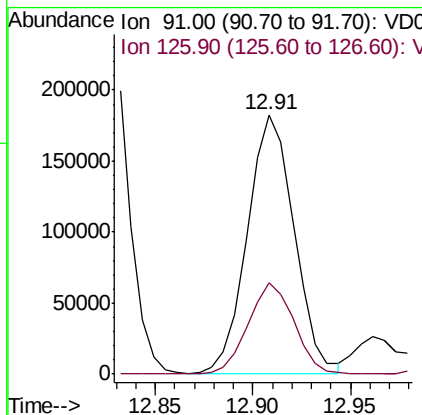
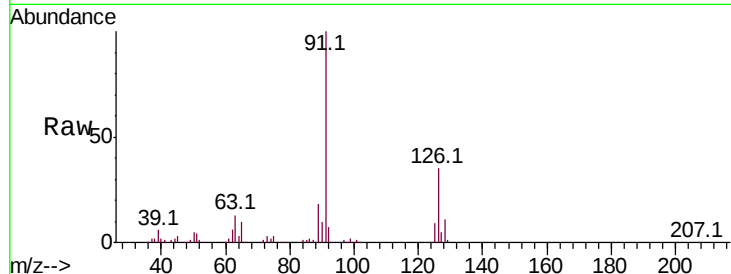




#79
 2-Chlorotoluene
 Concen: 22.130 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

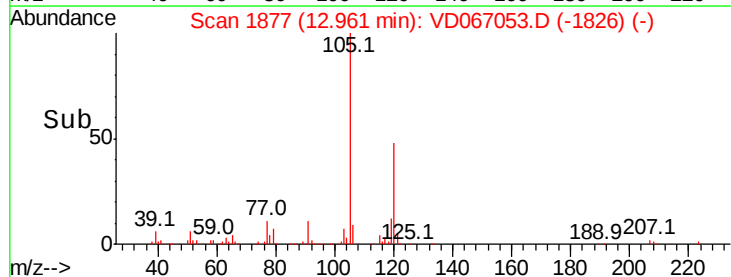
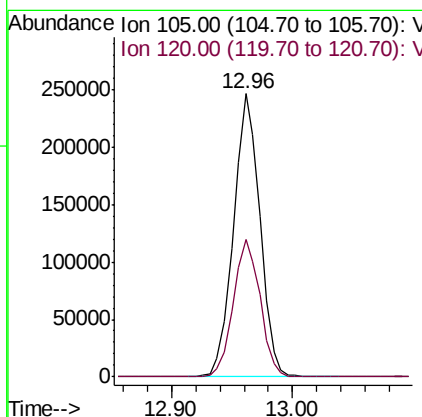
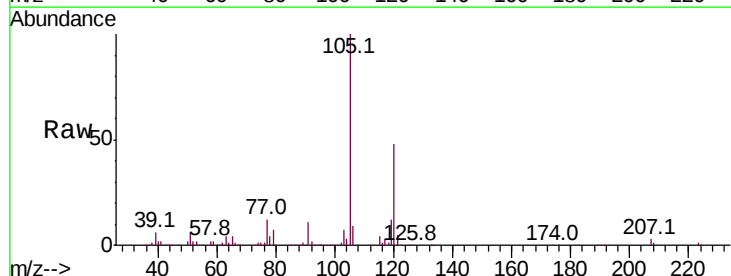
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

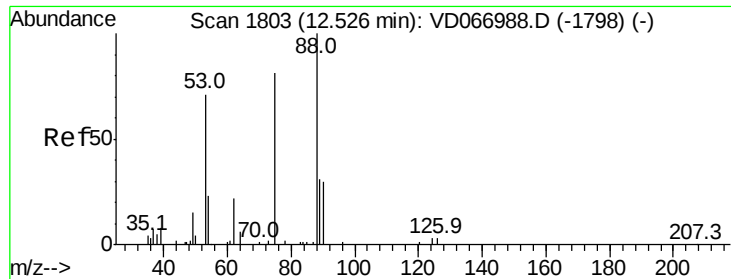
Tot Ion: 91 Resp: 303994
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.810 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion: 105 Resp: 374344
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.300 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

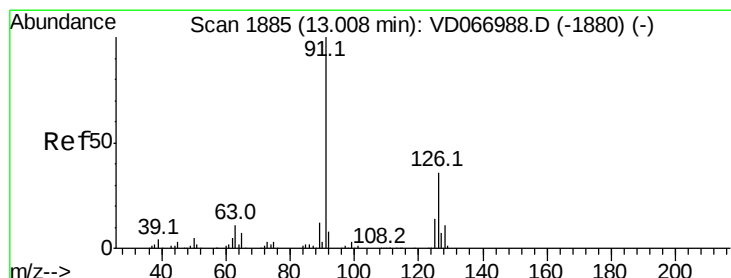
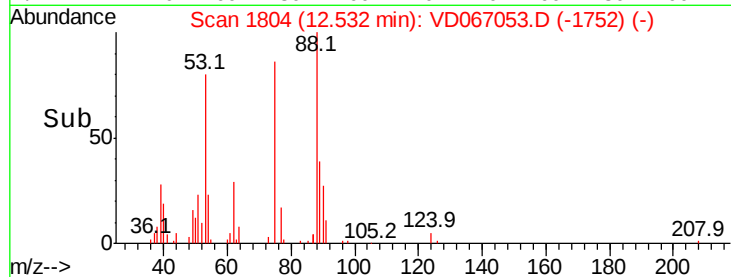
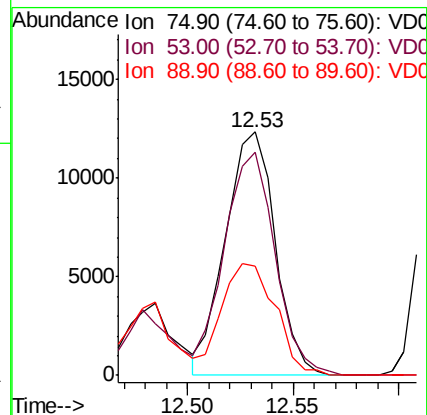
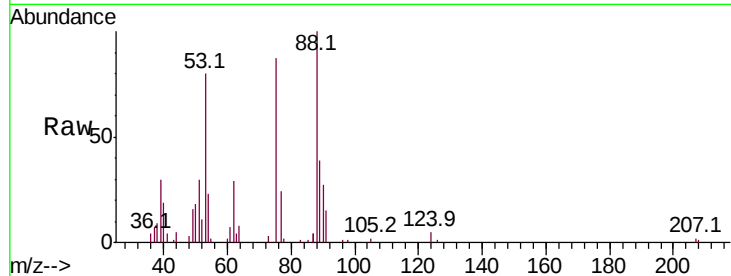
Tot Ion: 75 Resp: 20174

Ion Ratio Lower Upper

75 100

53 93.9 73.8 110.6

89 50.0 38.9 58.3



#82

4-Chlorotoluene

Concen: 21.786 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067053.D

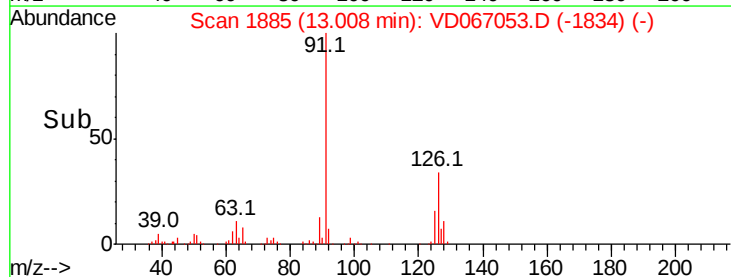
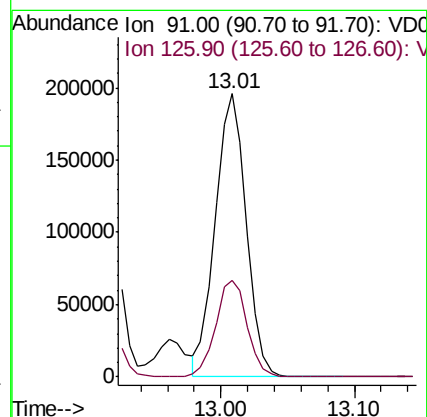
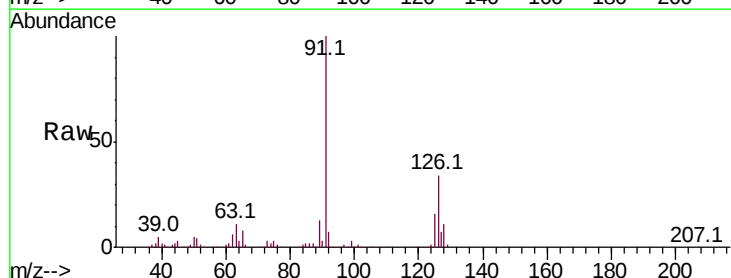
Acq: 03 Oct 2020 00:37

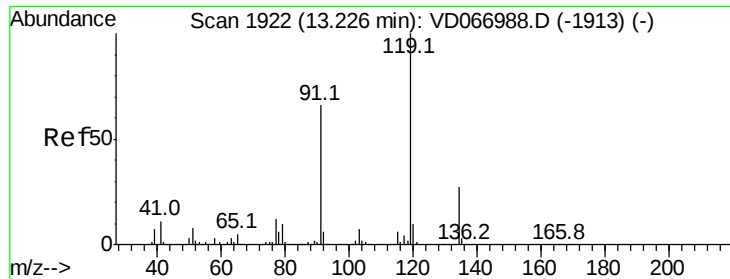
Tgt Ion: 91 Resp: 318407

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5

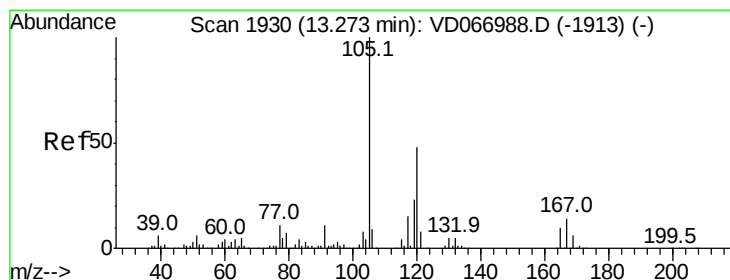
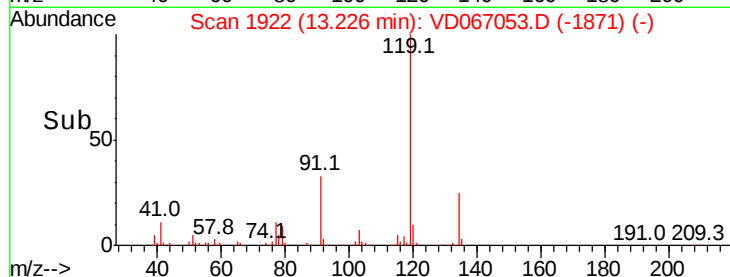
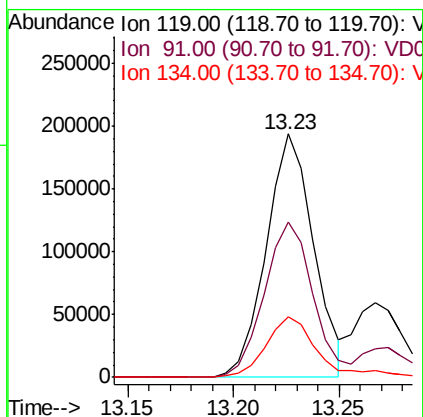
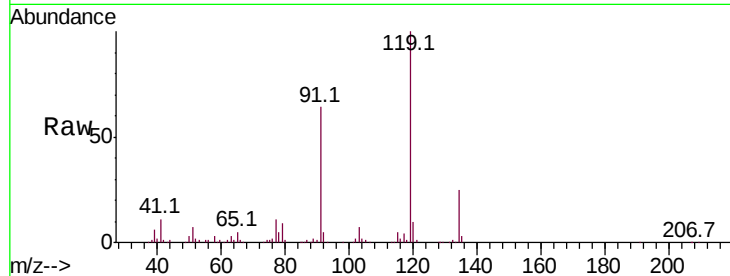




#83
 tert-Butylbenzene
 Concen: 20.985 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

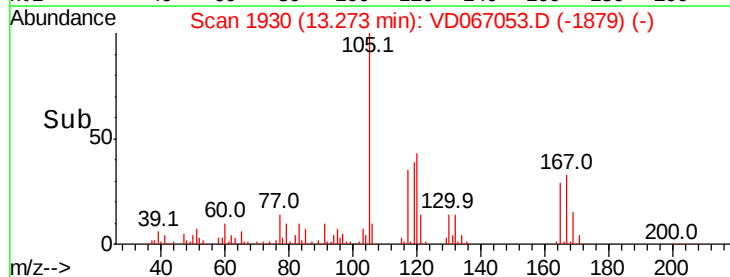
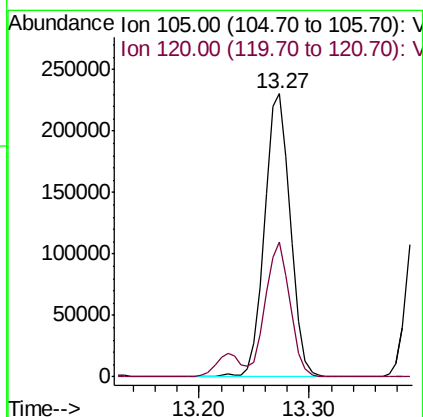
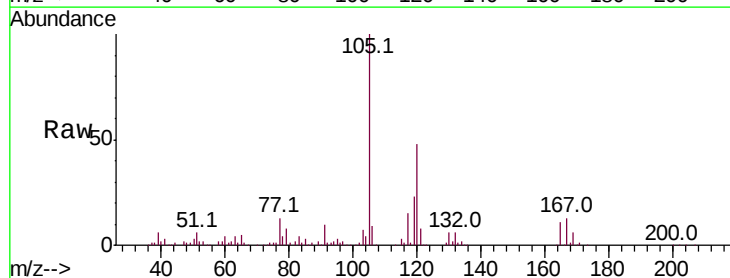
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

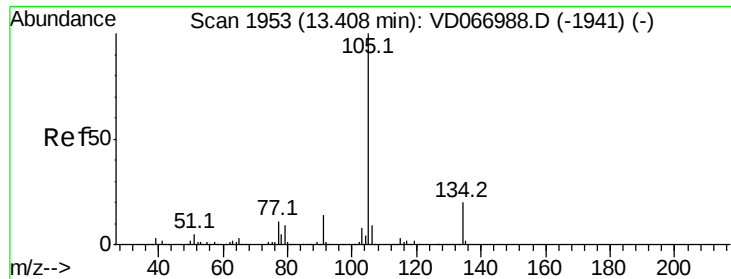
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.8	98.3
134	27.1	13.9	41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.989 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8





#85

sec-Butylbenzene

Concen: 20.865 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

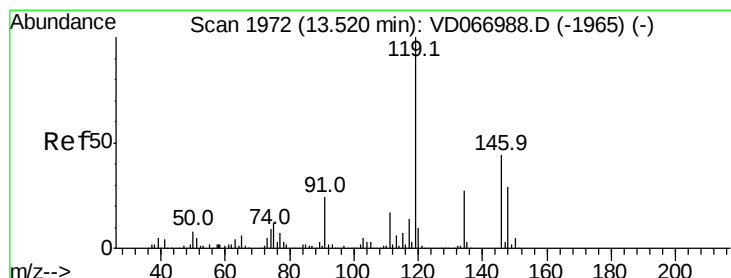
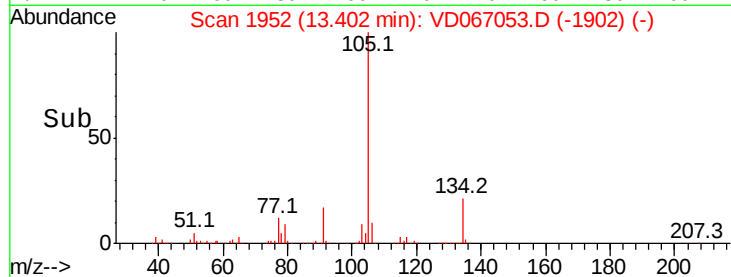
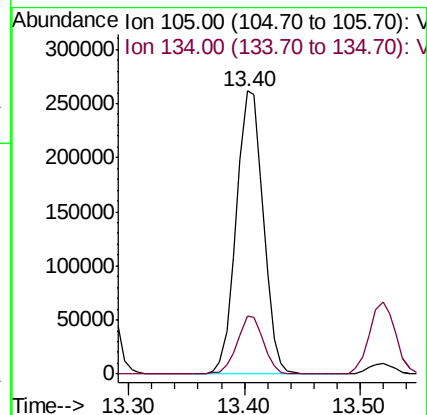
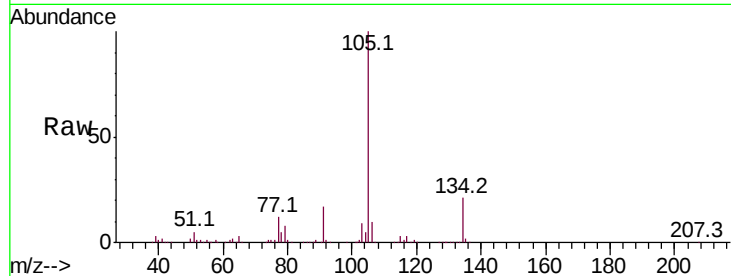
VD1002SBS02

Tot Ion:105 Resp: 424702

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.763 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

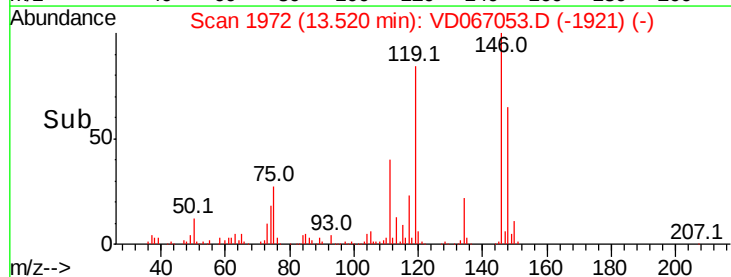
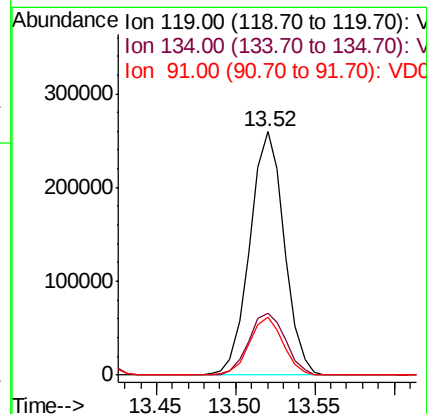
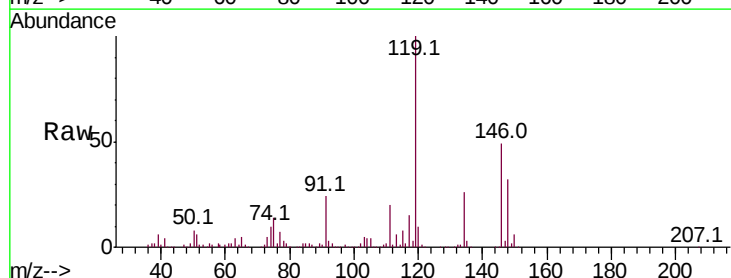
Tgt Ion:119 Resp: 391822

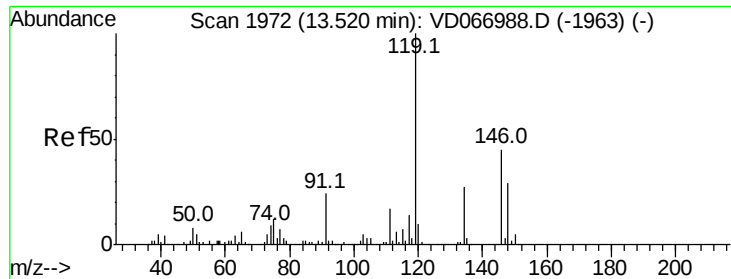
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.1

91 23.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 21.938 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

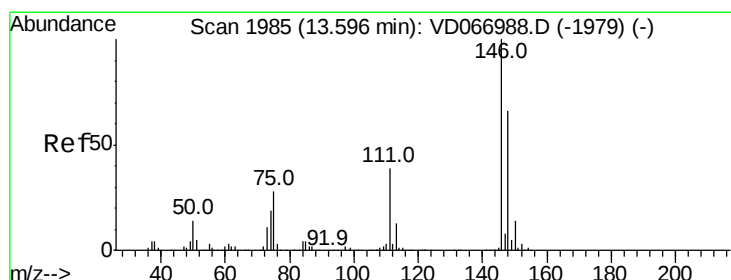
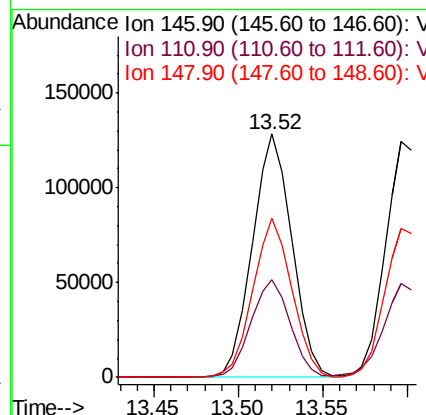
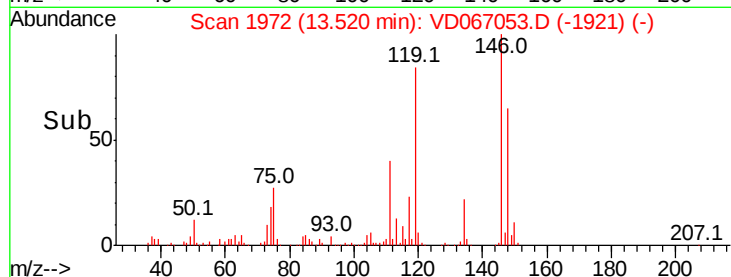
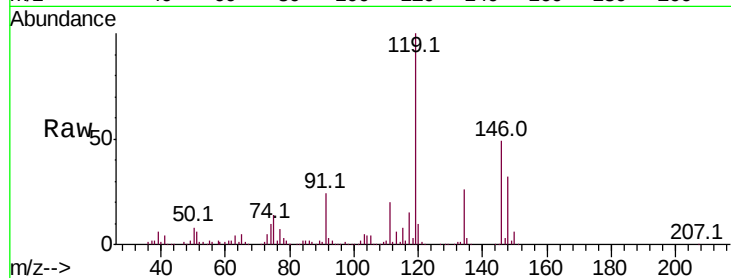
Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion:146 Resp: 209616

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	64.5	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 21.561 ug/l

RT: 13.60 min Scan# 1985

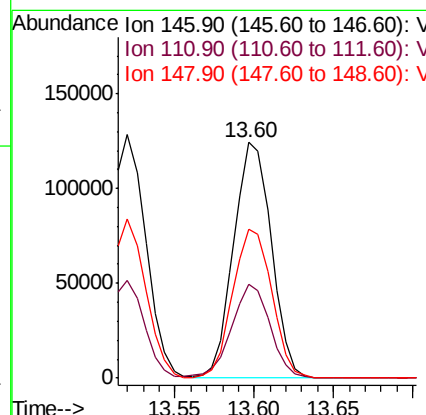
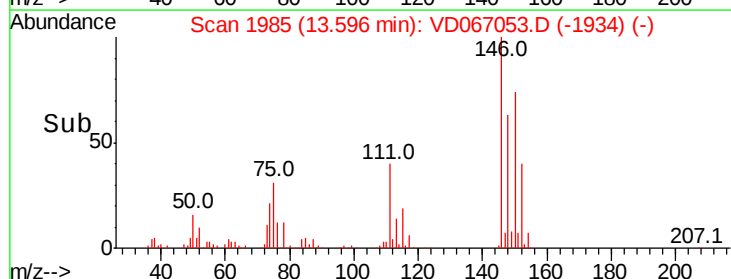
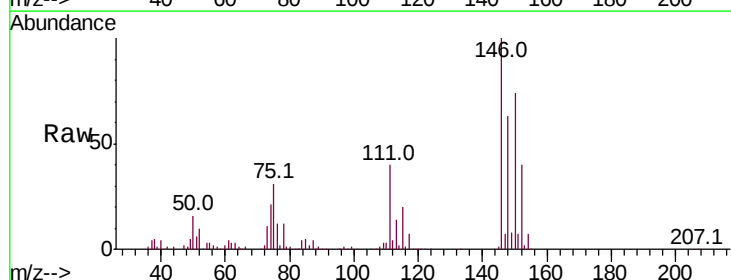
Delta R.T. 0.00 min

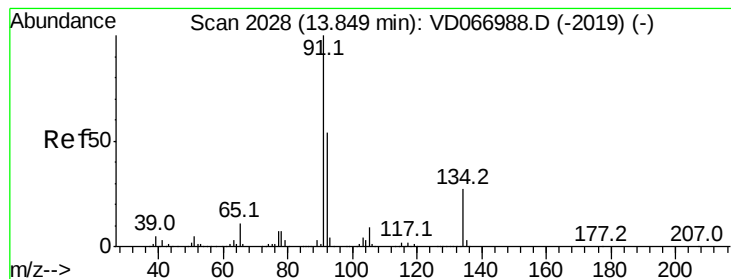
Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Tgt Ion:146 Resp: 205993

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	64.9	32.6	97.7

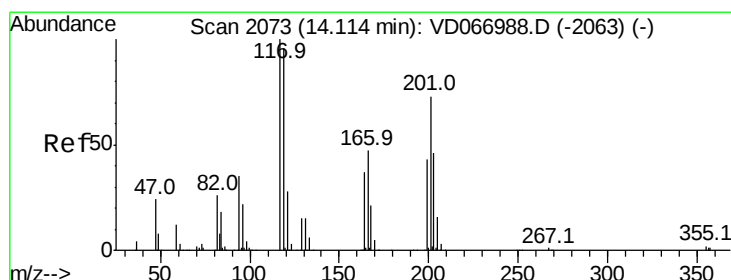
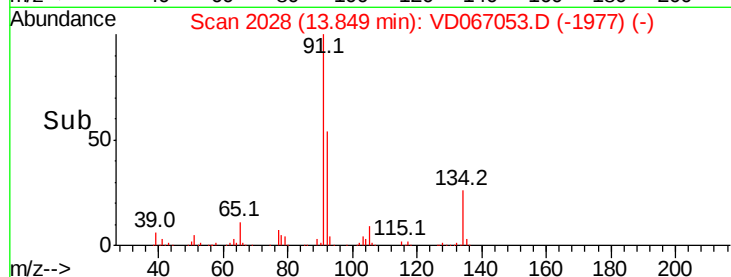
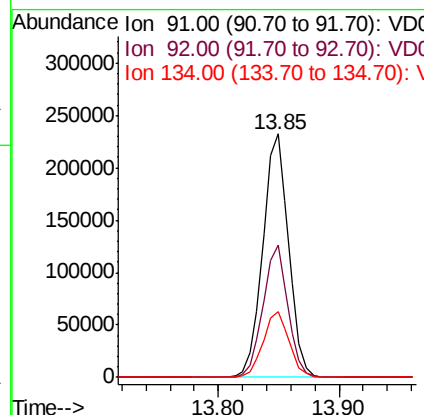
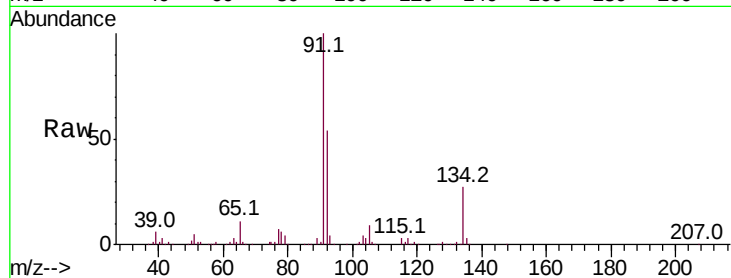




#89
n-Butylbenzene
Concen: 20.035 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

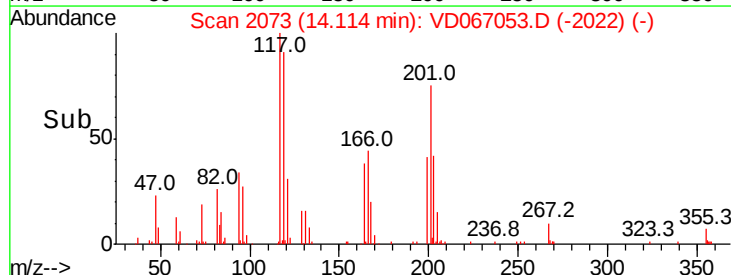
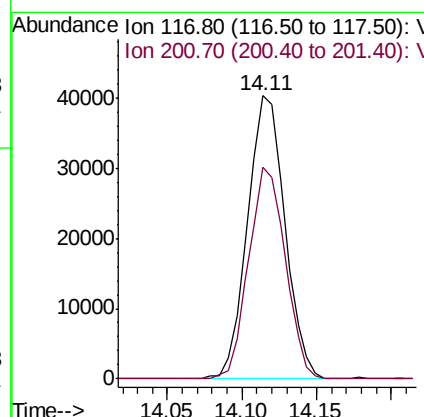
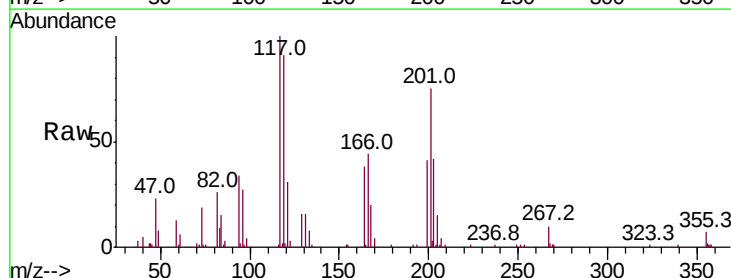
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

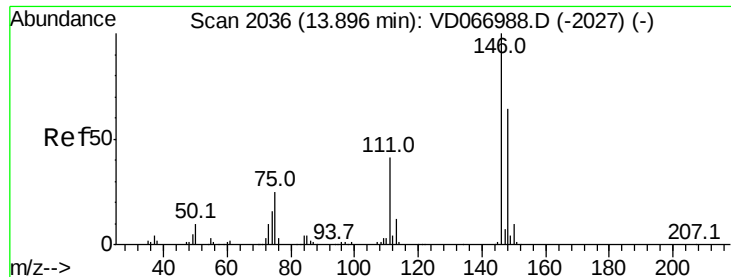
Tot Ion: 91 Resp: 345527
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.2
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 21.131 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion: 117 Resp: 69848
Ion Ratio Lower Upper
117 100
201 73.2 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 21.965 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS02

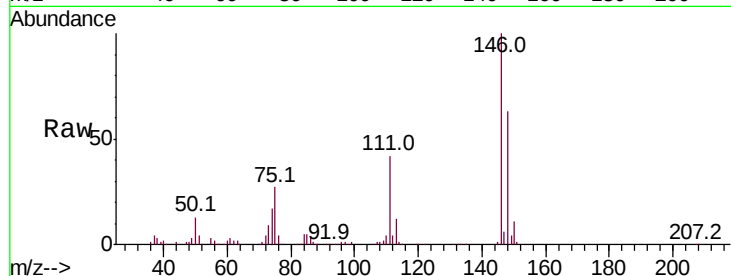
Tot Ion:146 Resp: 183284

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.7

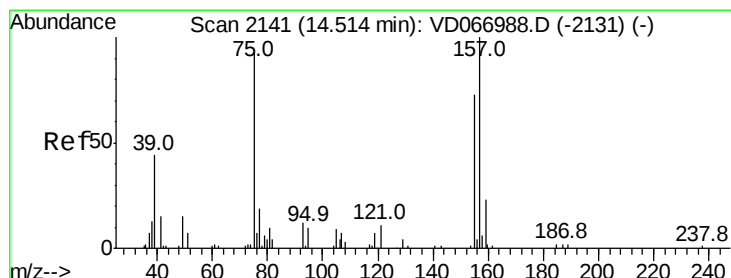
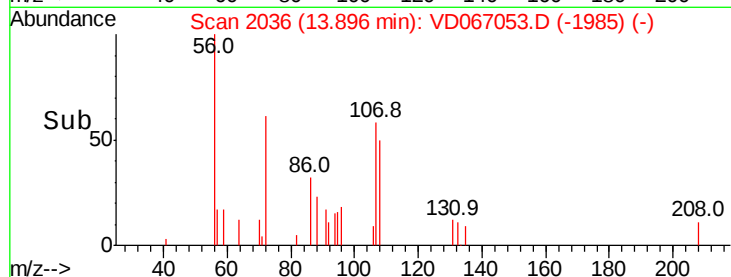
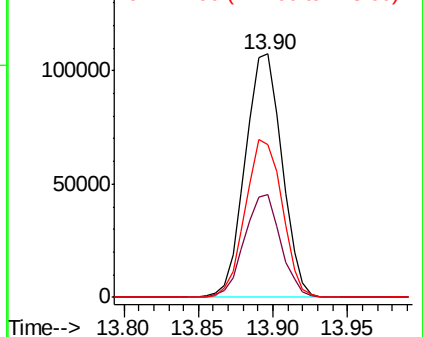
148 65.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.526 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067053.D

Acq: 03 Oct 2020 00:37

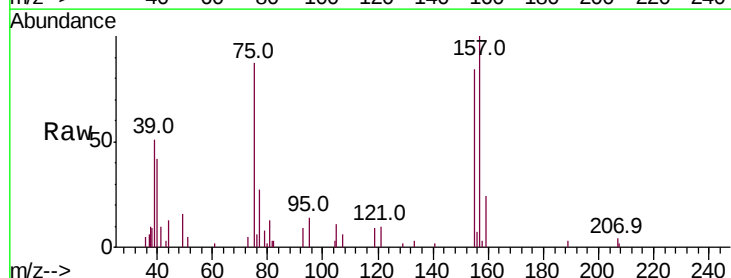
Tgt Ion: 75 Resp: 11325

Ion Ratio Lower Upper

75 100

155 89.3 45.2 135.6

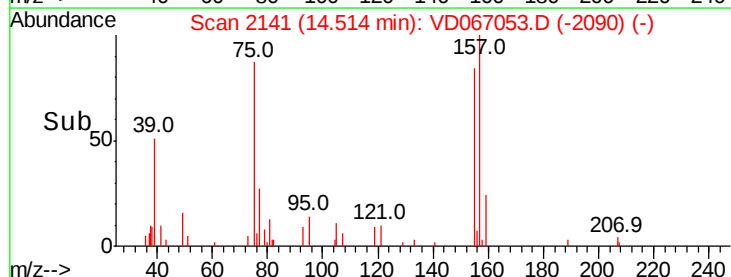
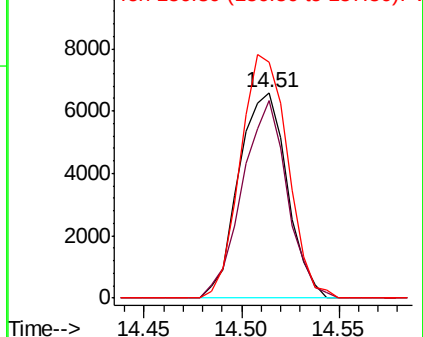
157 115.9 56.3 168.8

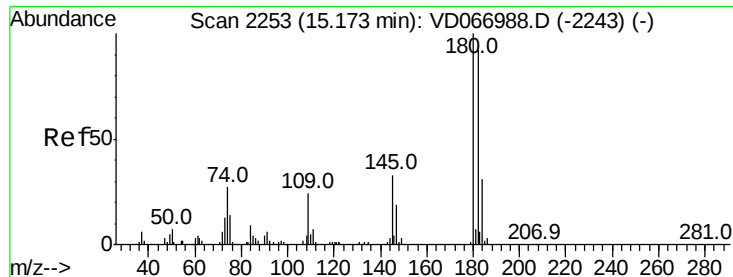


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

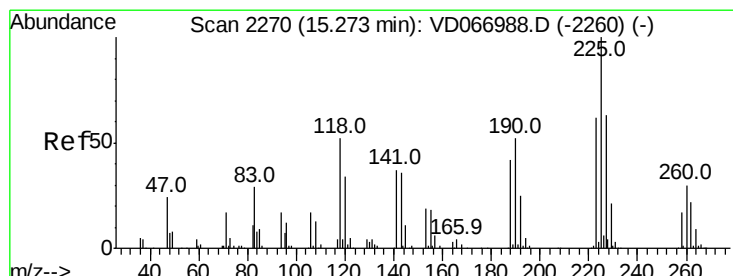
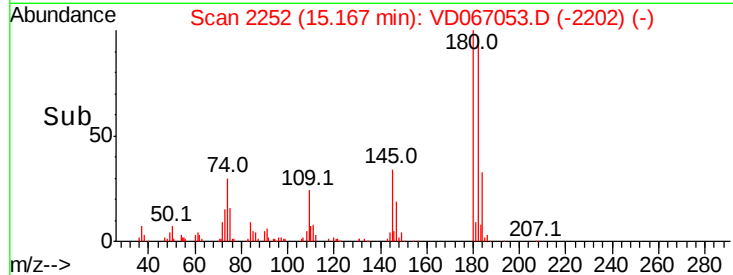
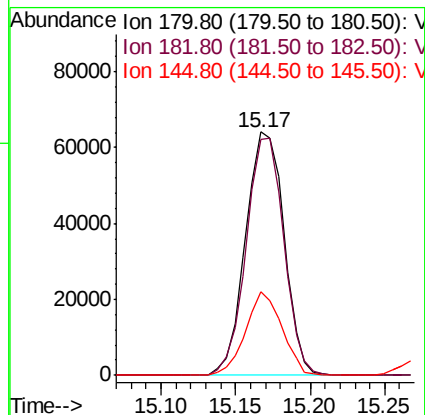
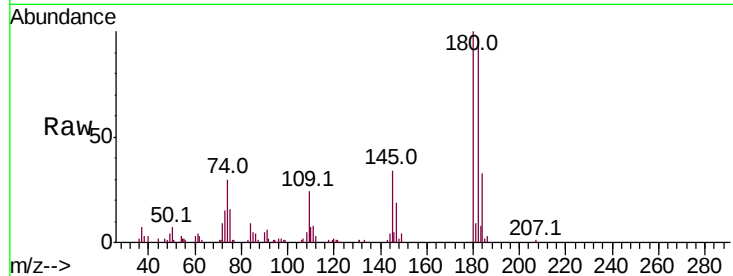




#93
 1,2,4-Trichlorobenzene
 Concen: 21.164 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

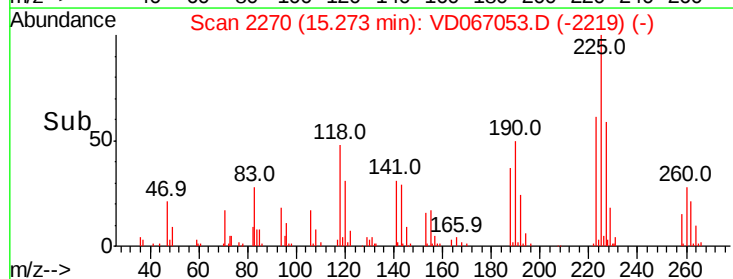
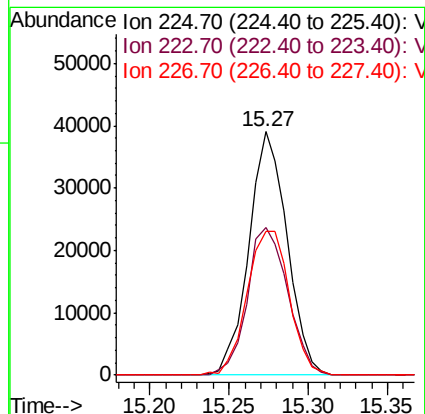
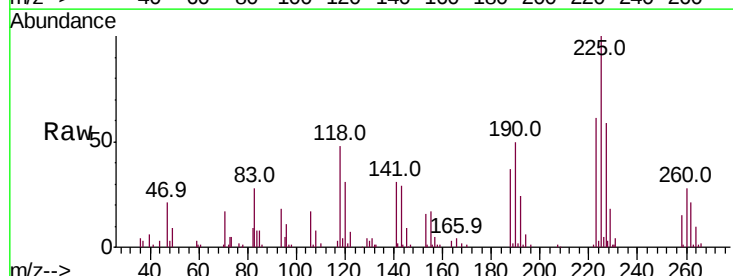
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

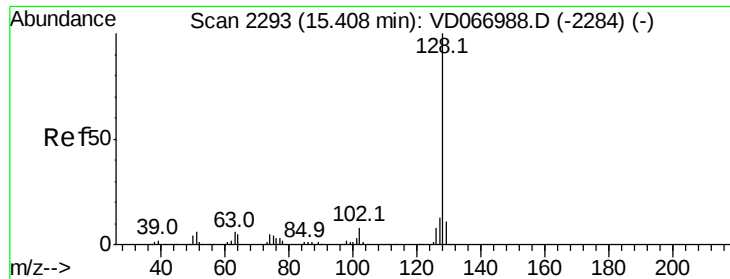
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	32.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 19.761 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067053.D
 Acq: 03 Oct 2020 00:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.0
227	65.6	31.6	95.0

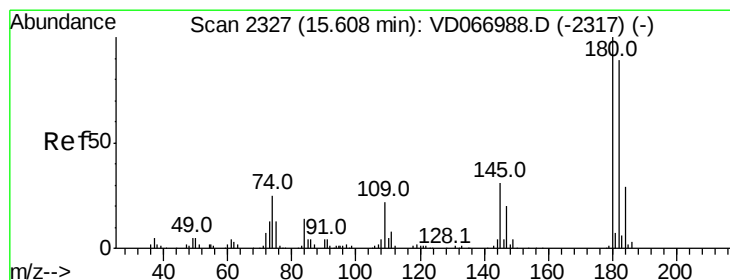
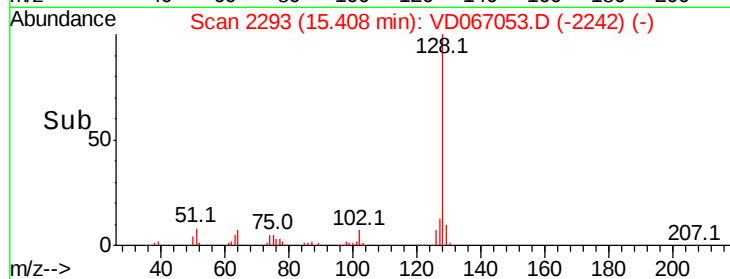
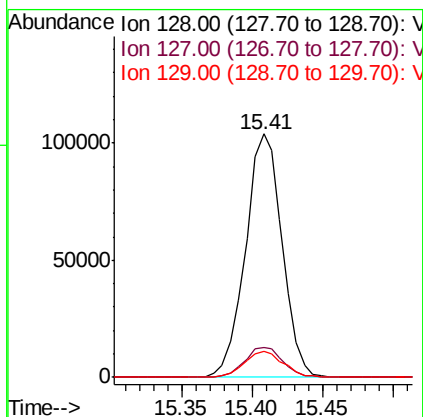
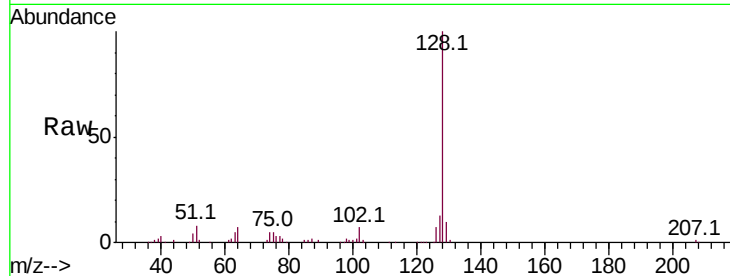




#95
Naphthalene
Concen: 20.982 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS02

Tot Ion:128 Resp: 188897
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.796 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067053.D
Acq: 03 Oct 2020 00:37

Tgt Ion:180 Resp: 102124
Ion Ratio Lower Upper
180 100
182 92.3 46.4 139.1
145 33.1 16.6 49.7

