

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067252.D
 Acq On : 13 Oct 2020 15:14
 Operator : VA/SY
 Sample : VD1013SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

Quant Time: Oct 14 02:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	358224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	539878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	507116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178342	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	7.92	113	183800	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.34	98	672358	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	232993	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65265	20.081	ug/l	93
3) Chloromethane	2.20	50	45742	20.289	ug/l	92
4) Vinyl Chloride	2.34	62	47134	19.054	ug/l	98
5) Bromomethane	2.76	94	36347	19.691	ug/l	90
6) Chloroethane	2.91	64	29165	18.932	ug/l #	88
7) Trichlorofluoromethane	3.27	101	122235	19.624	ug/l	98
8) Diethyl Ether	3.71	74	27947	19.607	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65462	19.781	ug/l	99
10) Methyl Iodide	4.30	142	57619	18.874	ug/l	97
11) Tert butyl alcohol	5.20	59	11070	16.794	ug/l #	81
12) 1,1-Dichloroethene	4.06	96	56856	19.231	ug/l	98
13) Acrolein	3.92	56	15548	87.870	ug/l	92
14) Allyl chloride	4.71	41	69212	20.442	ug/l	96
15) Acrylonitrile	5.42	53	47453	99.777	ug/l	96
16) Acetone	4.16	43	46453	92.421	ug/l	100
17) Carbon Disulfide	4.40	76	168375	19.977	ug/l	98
18) Methyl Acetate	4.71	43	23108	20.157	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	117867	20.050	ug/l	96
20) Methylene Chloride	4.96	84	74769	20.583	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	66886	19.659	ug/l	99
22) Diisopropyl ether	6.36	45	133407	21.570	ug/l	94
23) Vinyl Acetate	6.31	43	369603	105.039	ug/l	97
24) 1,1-Dichloroethane	6.27	63	104888	19.811	ug/l	99
25) 2-Butanone	7.22	43	58589	102.261	ug/l	97
26) 2,2-Dichloropropane	7.21	77	104844	19.213	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	73630	19.746	ug/l	97
28) Bromochloromethane	7.55	49	36246	20.072	ug/l #	97
29) Tetrahydrofuran	7.56	42	33034	103.723	ug/l	98
30) Chloroform	7.71	83	128037	20.244	ug/l	91
31) Cyclohexane	7.99	56	80853	19.560	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	121751	19.620	ug/l	99
36) 1,1-Dichloropropene	8.11	75	92145	20.137	ug/l	99
37) Ethyl Acetate	7.29	43	25394	18.862	ug/l	98
38) Carbon Tetrachloride	8.09	117	111788	19.115	ug/l	98

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 MSVOA_D
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Quant Time: Oct 14 02:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	93923	19.634	ug/l	100
40) Benzene	8.35	78	255297	20.337	ug/l	98
41) Methacrylonitrile	7.53	41	17758	24.409	ug/l #	78
42) 1,2-Dichloroethane	8.43	62	79215	20.164	ug/l	98
43) Isopropyl Acetate	8.46	43	55145	20.643	ug/l	97
44) Trichloroethene	9.11	130	81478	20.272	ug/l	93
45) 1,2-Dichloropropane	9.39	63	59258	20.368	ug/l	99
46) Dibromomethane	9.48	93	36085	19.907	ug/l	98
47) Bromodichloromethane	9.66	83	99563	20.501	ug/l	95
48) Methyl methacrylate	9.46	41	24643	18.982	ug/l	99
49) 1,4-Dioxane	9.47	88	7675	419.914	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	137956	103.539	ug/l	99
52) Toluene	10.41	92	176045	20.590	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	85357	20.008	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	99341	19.897	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	51919	21.005	ug/l	98
56) Ethyl methacrylate	10.67	69	53161	20.737	ug/l	95
57) 1,3-Dichloropropane	10.95	76	82637	21.008	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	136656	103.914	ug/l	100
59) 2-Hexanone	10.99	43	94548	103.845	ug/l	100
60) Dibromochloromethane	11.14	129	74692	20.720	ug/l	96
61) 1,2-Dibromoethane	11.25	107	49884	20.471	ug/l	100
64) Tetrachloroethene	10.88	164	72178	19.644	ug/l	99
65) Chlorobenzene	11.67	112	193168	19.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	77894	20.154	ug/l	97
67) Ethyl Benzene	11.75	91	330895	19.850	ug/l	100
68) m/p-Xylenes	11.86	106	260624	40.601	ug/l	100
69) o-Xylene	12.18	106	115962	19.508	ug/l	99
70) Styrene	12.20	104	204832	20.018	ug/l	98
71) Bromoform	12.37	173	42972	20.696	ug/l #	100
73) Isopropylbenzene	12.48	105	333170	20.566	ug/l	99
74) N-amyl acetate	12.30	43	49323	20.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	51528	20.759	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	68181	38.539	ug/l #	100
77) Bromobenzene	12.77	156	82706	20.478	ug/l	98
78) n-propylbenzene	12.83	91	383381	20.425	ug/l	100
79) 2-Chlorotoluene	12.91	91	218802	20.101	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	288044	20.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	15649	20.059	ug/l	98
82) 4-Chlorotoluene	13.01	91	239465	20.728	ug/l	100
83) tert-Butylbenzene	13.23	119	239387	20.131	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	289208	20.785	ug/l	100
85) sec-Butylbenzene	13.41	105	327992	20.101	ug/l	99
86) p-Isopropyltoluene	13.53	119	305964	19.866	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	161672	20.797	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	156783	20.356	ug/l	98
89) n-Butylbenzene	13.85	91	269093	19.861	ug/l	99
90) Hexachloroethane	14.12	117	53882	20.048	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	140506	20.690	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9052	20.073	ug/l	95

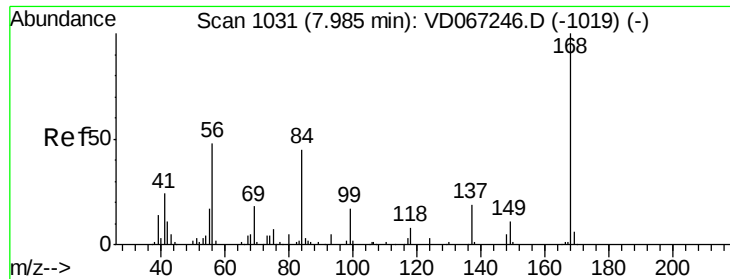
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101320\
Data File : VD067252.D
Acq On : 13 Oct 2020 15:14
Operator : VA/SY
Sample : VD1013SBSD01
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Instrument :
MSVOA_D
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VD1013SBSD01

Quant Time: Oct 14 02:12:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 13 13:05:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	91047	19.885	ug/l	99
94) Hexachlorobutadiene	15.28	225	55253	19.432	ug/l	97
95) Naphthalene	15.41	128	150837	20.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	80800	20.427	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

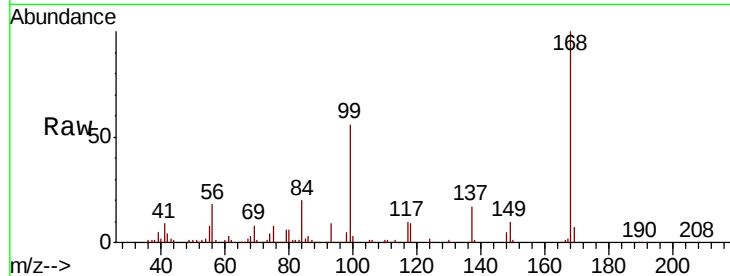
VD1013SBSD01

Tot Ion:168 Resp: 358224

Ion Ratio Lower Upper

168 100

99 56.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

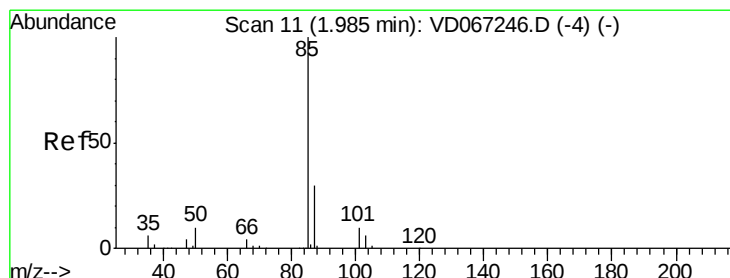
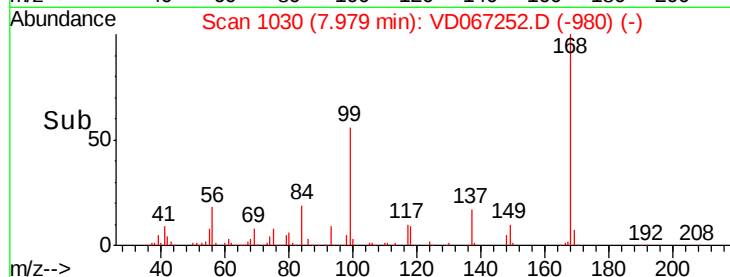
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.081 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067252.D

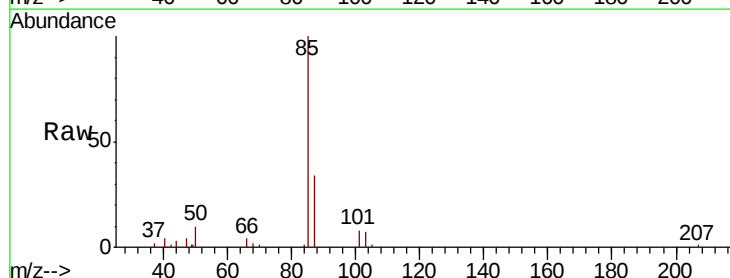
Acq: 13 Oct 2020 15:14

Tgt Ion: 85 Resp: 65265

Ion Ratio Lower Upper

85 100

87 34.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

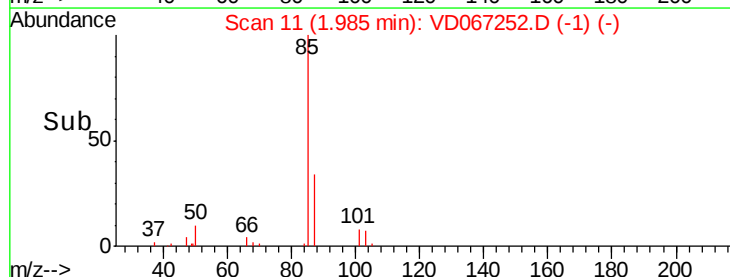
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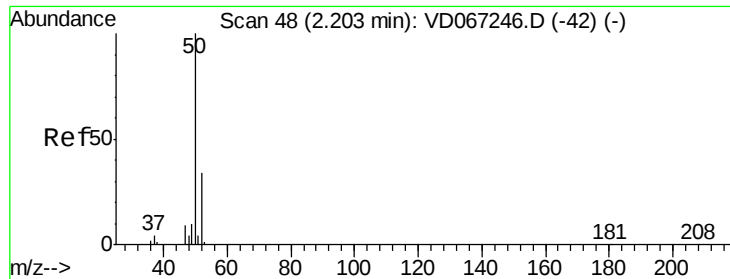
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.289 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

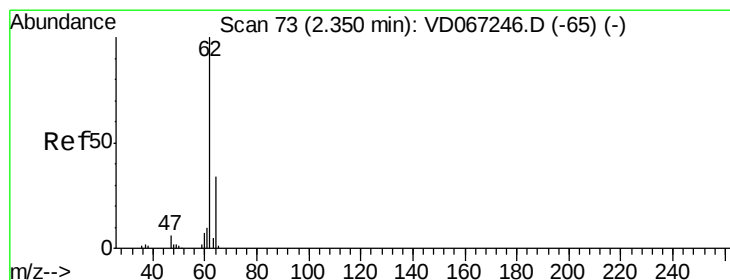
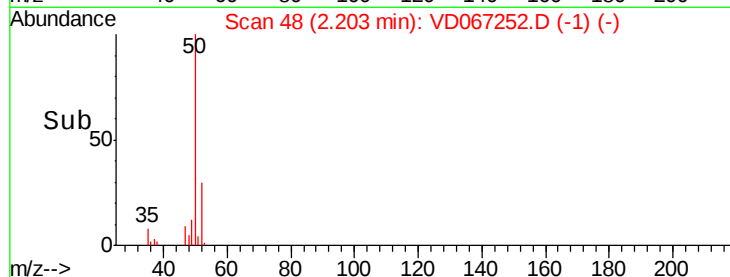
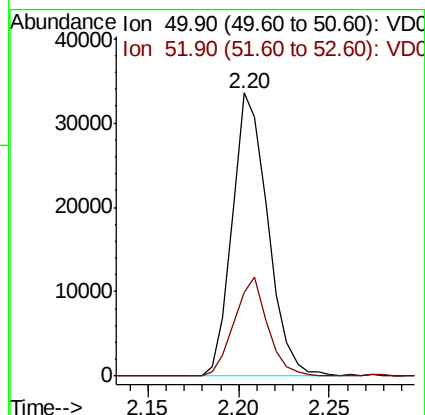
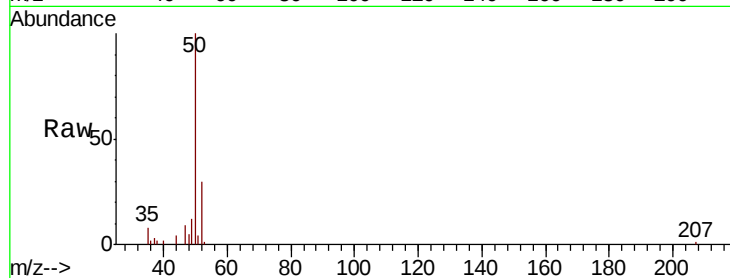
VD1013SBSD01

Tot Ion: 50 Resp: 45742

Ion Ratio Lower Upper

50 100

52 29.5 27.1 40.7



#4

Vinyl Chloride

Concen: 19.054 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067252.D

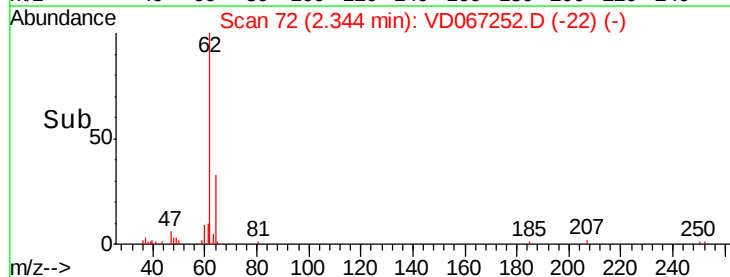
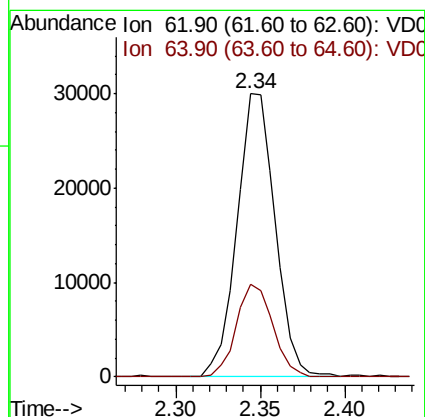
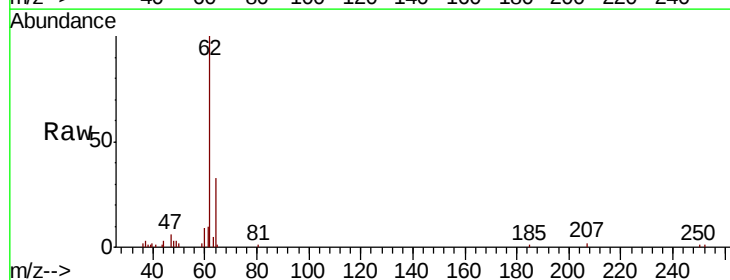
Acq: 13 Oct 2020 15:14

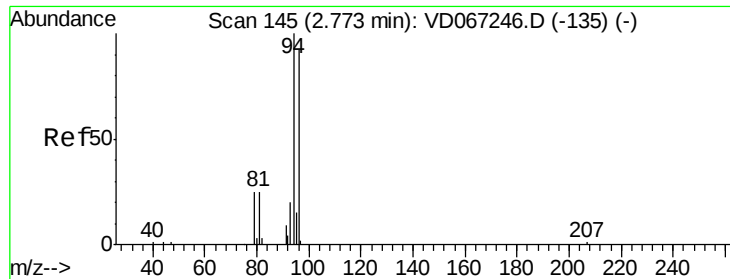
Tgt Ion: 62 Resp: 47134

Ion Ratio Lower Upper

62 100

64 32.8 27.4 41.0





#5

Bromomethane

Concen: 19.691 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

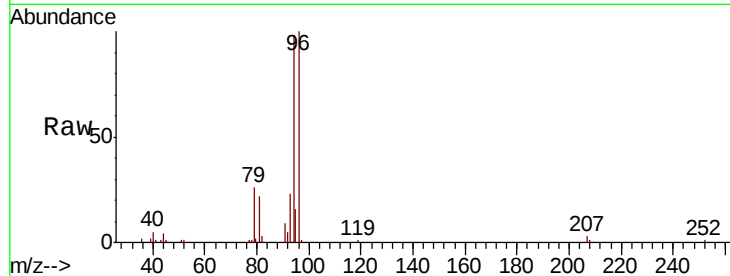
VD1013SBS01

Tot Ion: 94 Resp: 36347

Ion Ratio Lower Upper

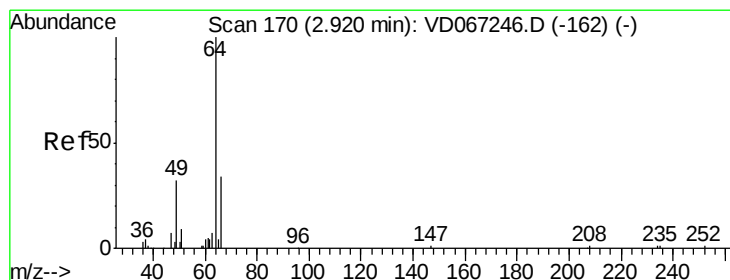
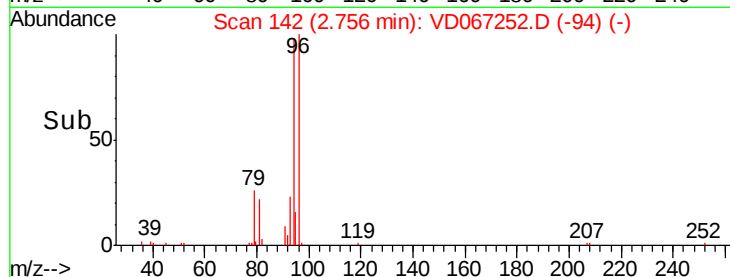
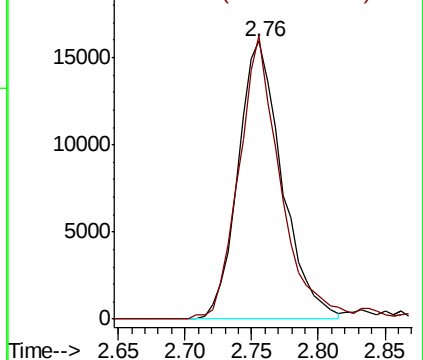
94 100

96 101.9 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.932 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067252.D

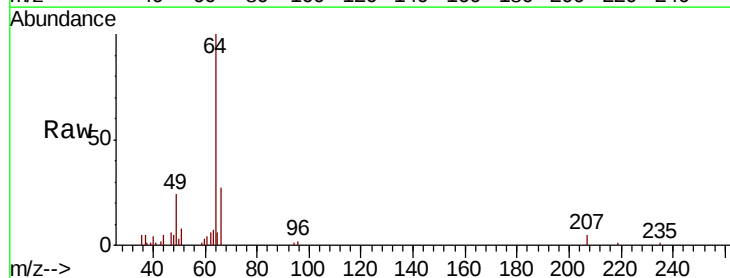
Acq: 13 Oct 2020 15:14

Tgt Ion: 64 Resp: 29165

Ion Ratio Lower Upper

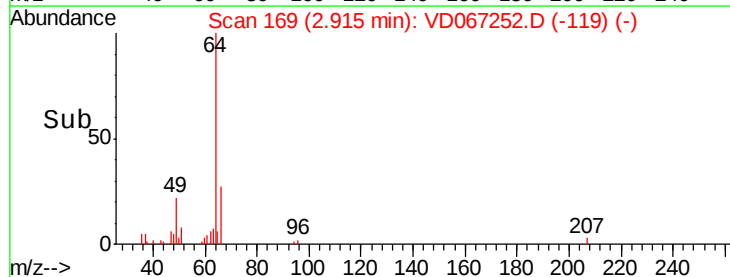
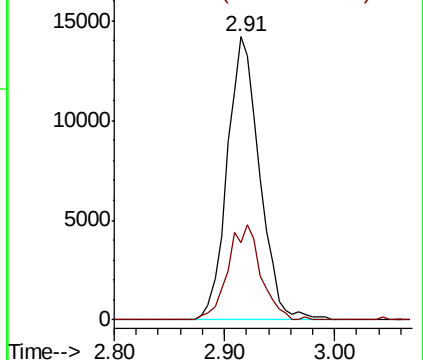
64 100

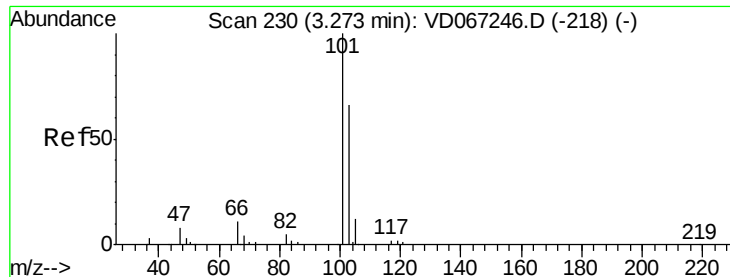
66 27.3 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



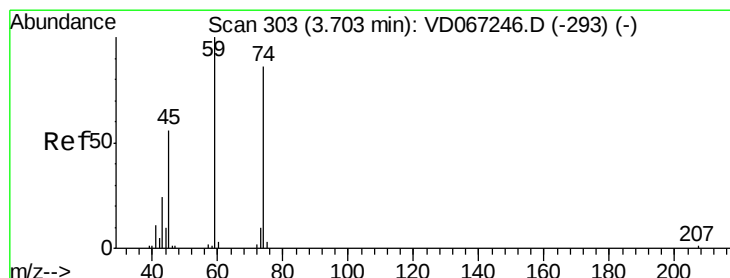
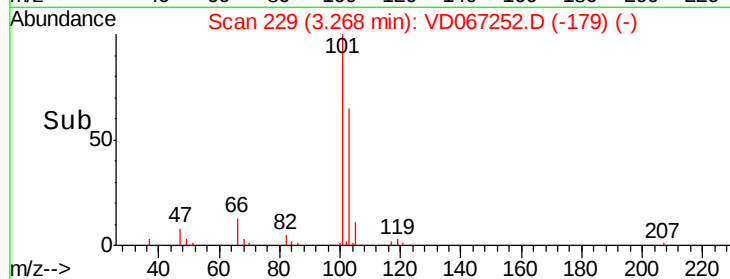
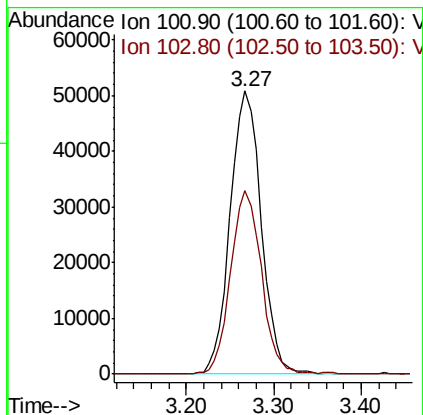
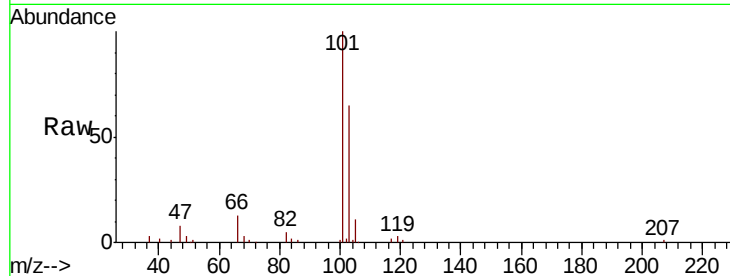


#7

Trichlorofluoromethane
 Concen: 19.624 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

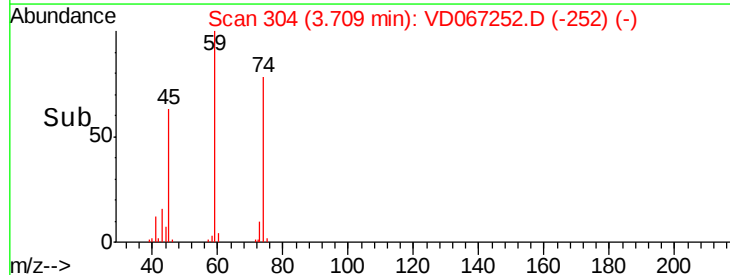
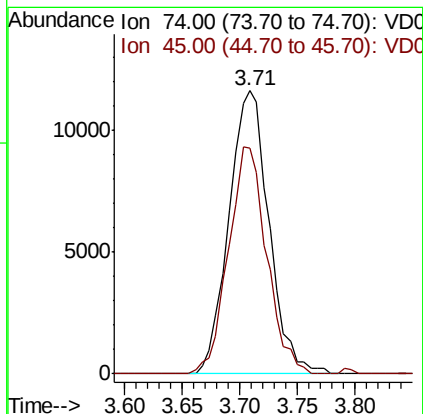
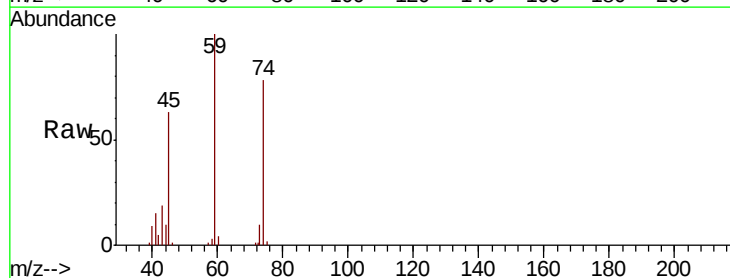
Tot Ion:101 Resp: 122235
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.1 79.7

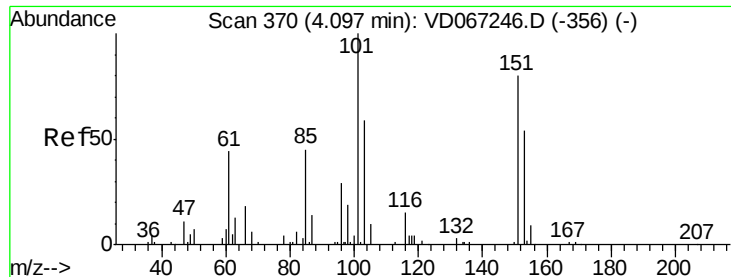


#8

Diethyl Ether
 Concen: 19.607 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 74 Resp: 27947
 Ion Ratio Lower Upper
 74 100
 45 76.4 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.781 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBSD01

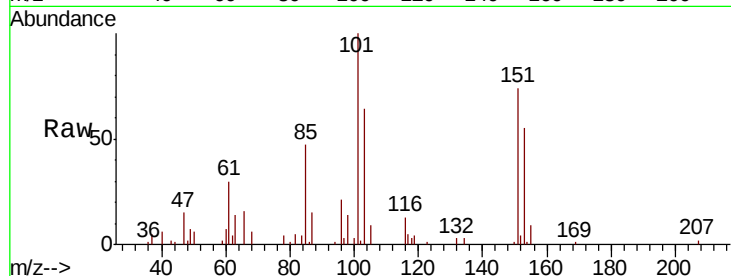
Tot Ion:101 Resp: 65462

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

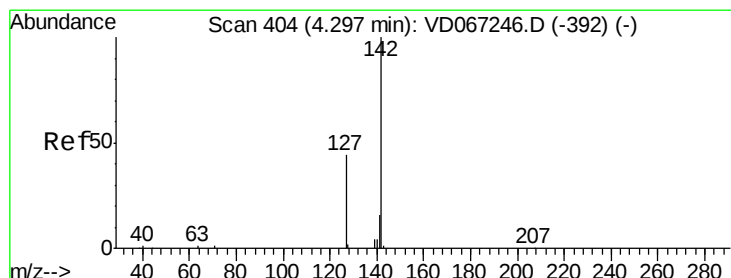
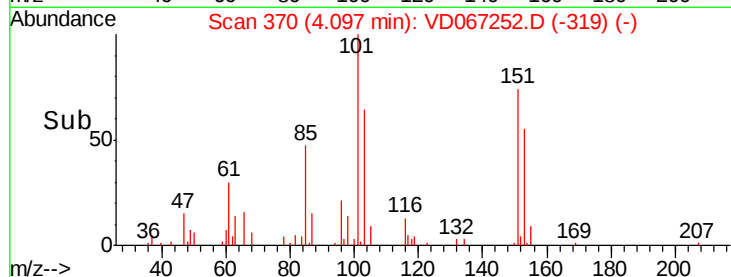
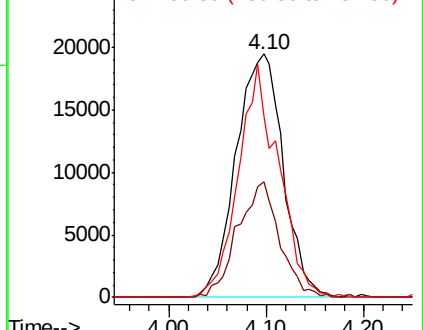
151 81.8 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.874 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

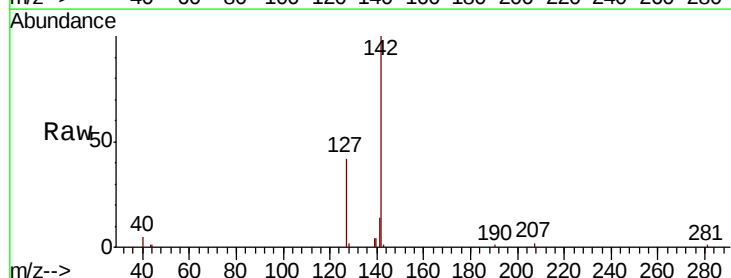
Tgt Ion:142 Resp: 57619

Ion Ratio Lower Upper

142 100

127 45.4 38.4 57.6

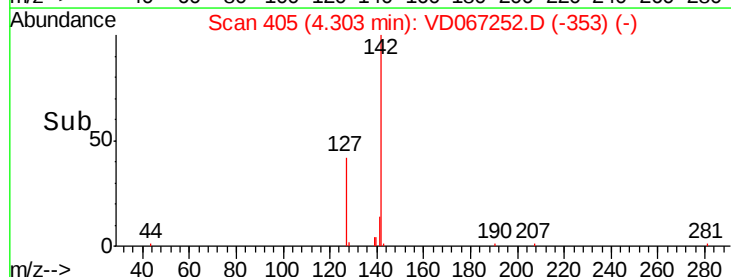
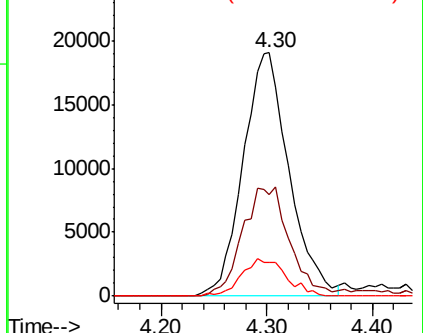
141 14.8 11.6 17.4

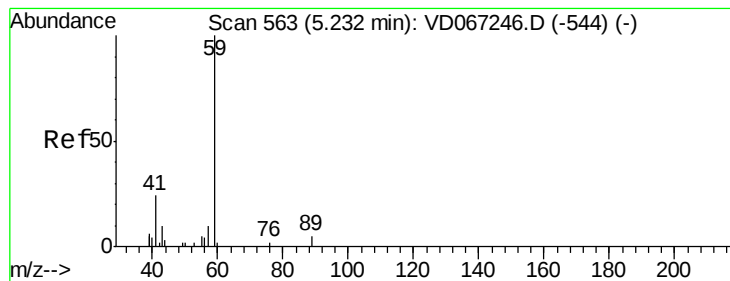


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



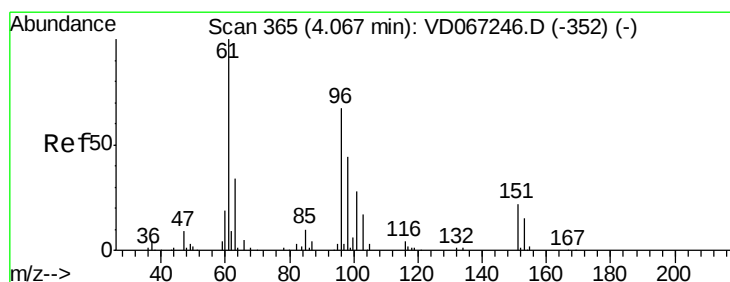
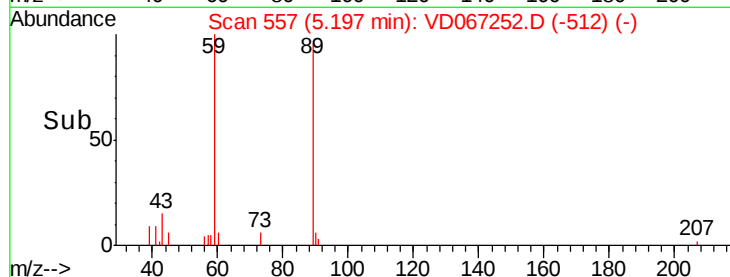
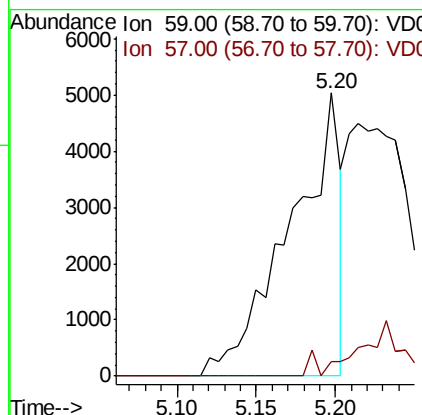
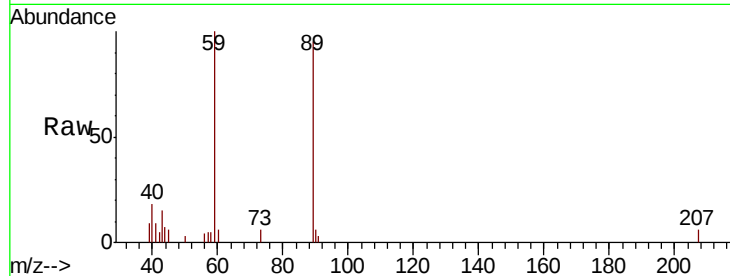


#11

Tert butyl alcohol
 Concen: 16.794 ug/l
 RT: 5.20 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

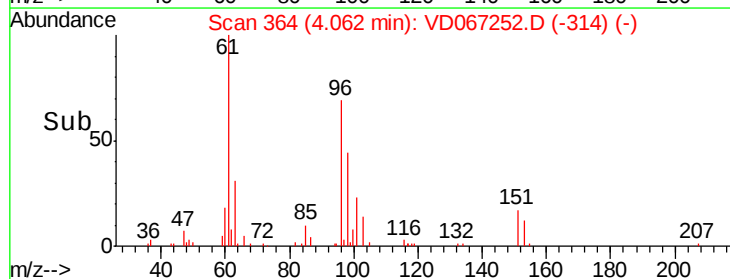
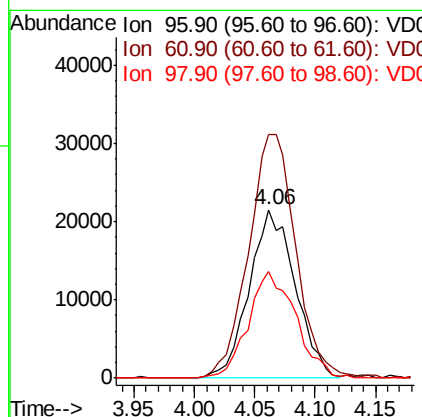
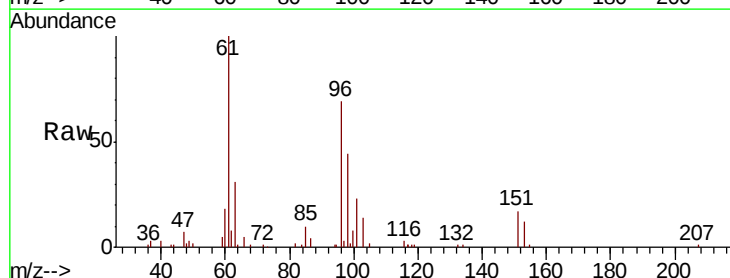
Tot Ion: 59 Resp: 11070
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.1 7.7#

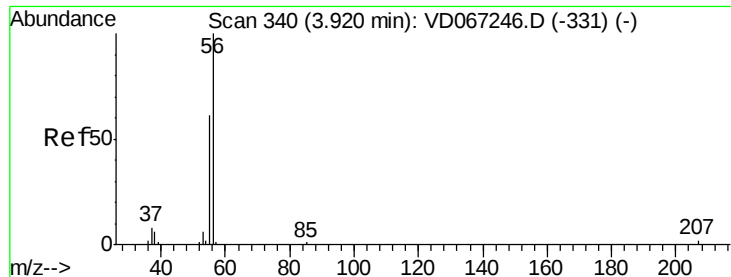


#12

1,1-Dichloroethene
 Concen: 19.231 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 96 Resp: 56856
 Ion Ratio Lower Upper
 96 100
 61 144.7 118.6 177.8
 98 63.4 51.8 77.6





#13

Acrolein

Concen: 87.870 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

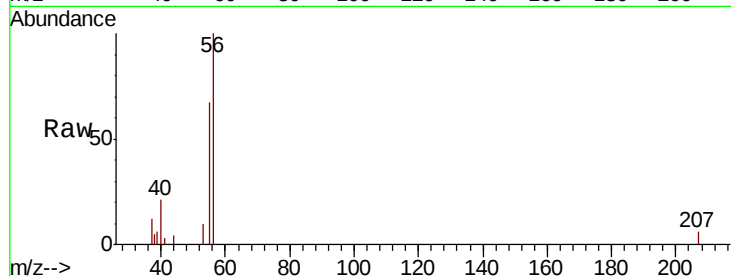
VD1013SBSD01

Tot Ion: 56 Resp: 15548

Ion Ratio Lower Upper

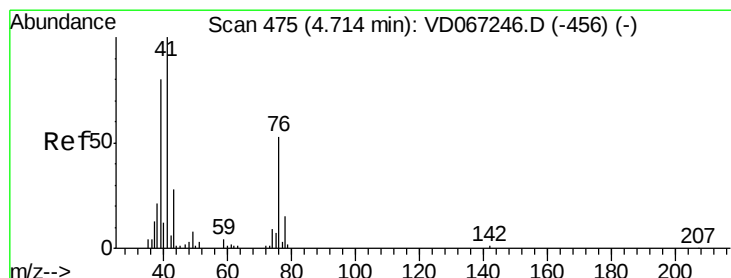
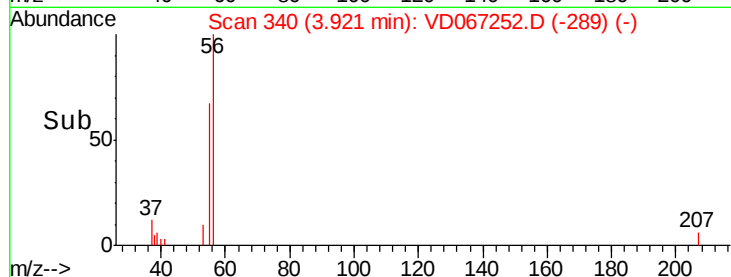
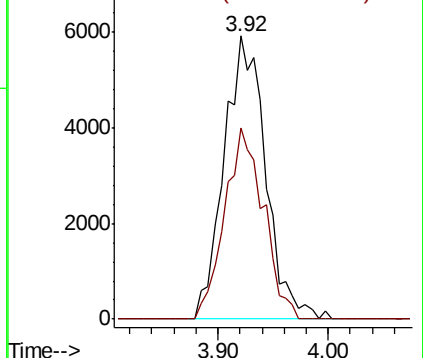
56 100

55 63.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.442 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

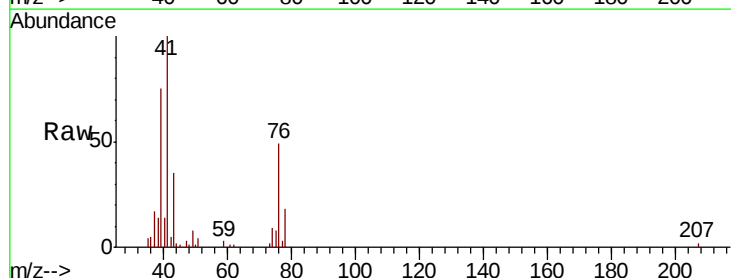
Tgt Ion: 41 Resp: 69212

Ion Ratio Lower Upper

41 100

39 77.2 63.8 95.6

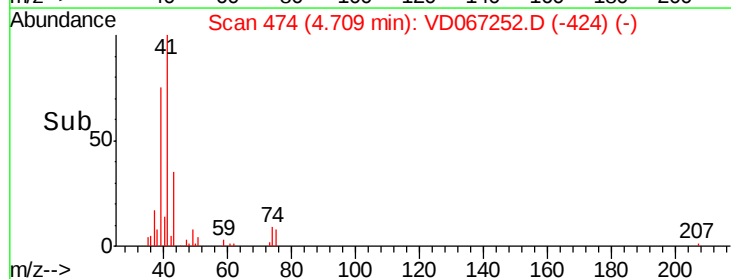
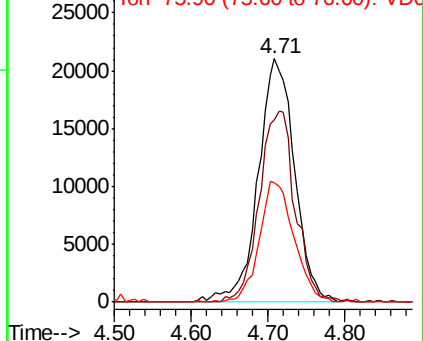
76 47.2 40.4 60.6

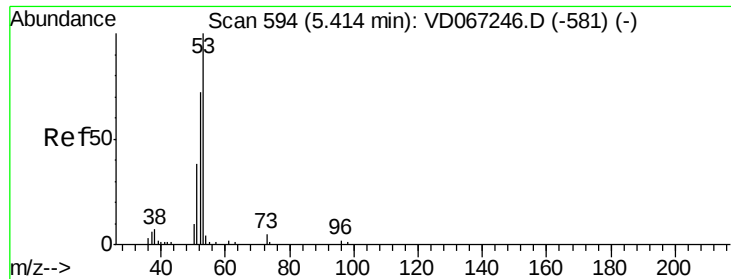


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 99.777 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

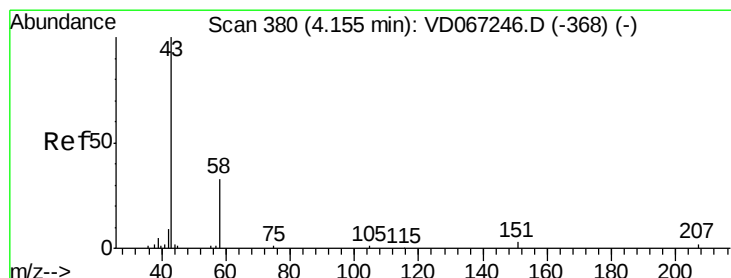
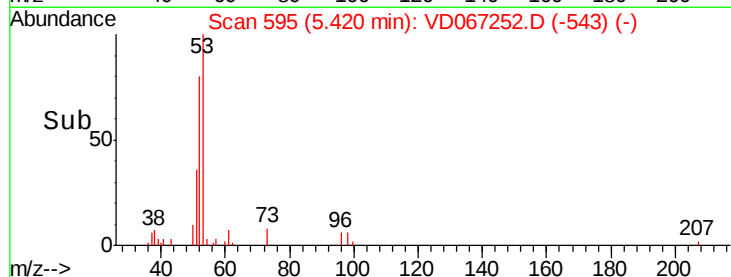
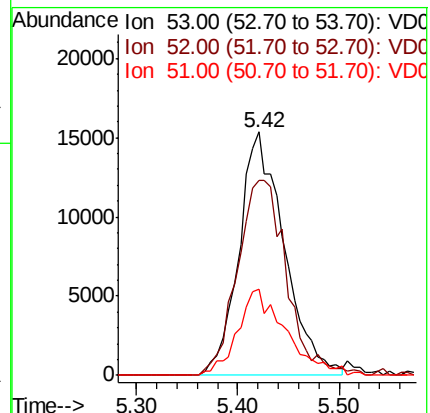
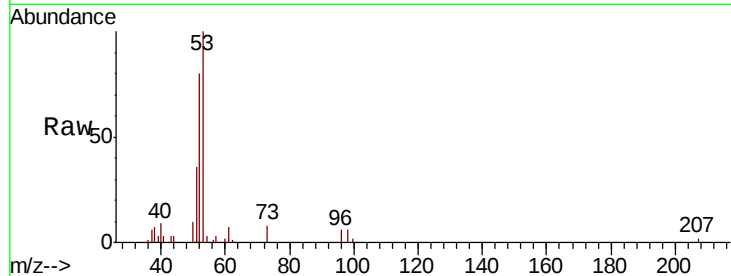
Tot Ion: 53 Resp: 47453

Ion Ratio Lower Upper

53 100

52 87.3 65.6 98.4

51 37.7 30.8 46.2



#16

Acetone

Concen: 92.421 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067252.D

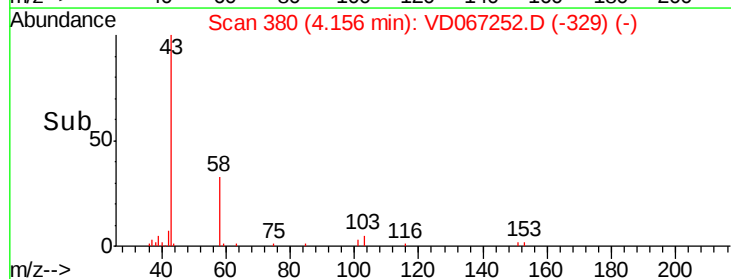
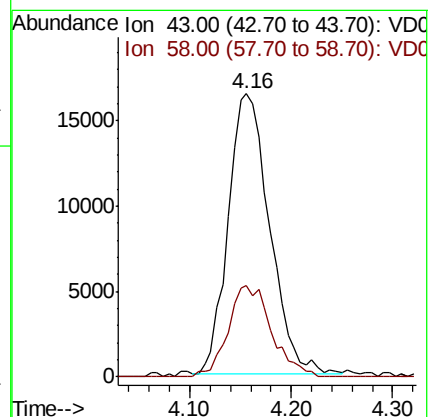
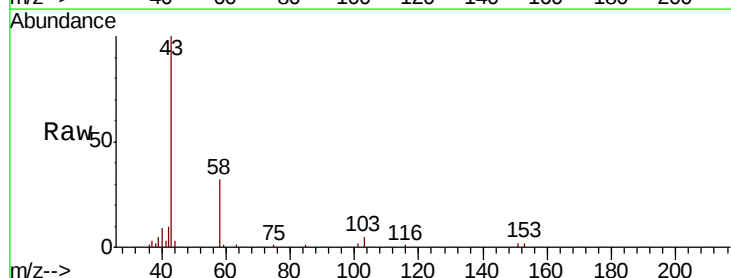
Acq: 13 Oct 2020 15:14

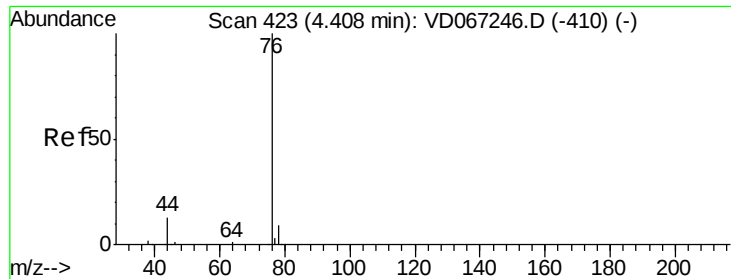
Tgt Ion: 43 Resp: 46453

Ion Ratio Lower Upper

43 100

58 32.8 26.1 39.1

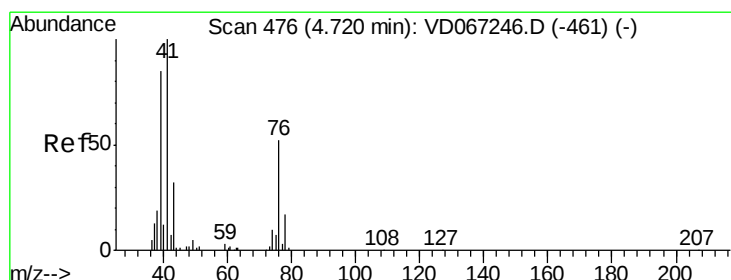
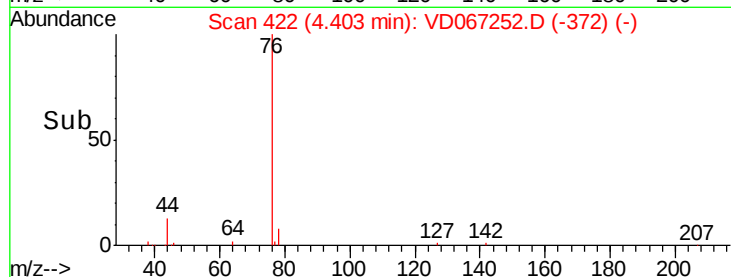
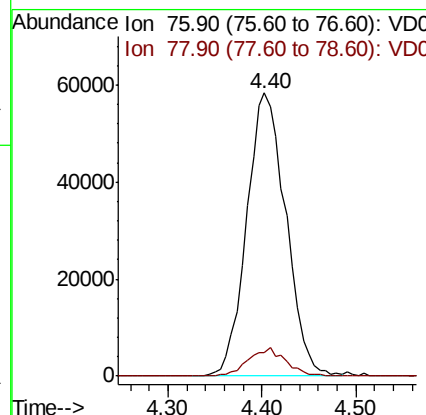
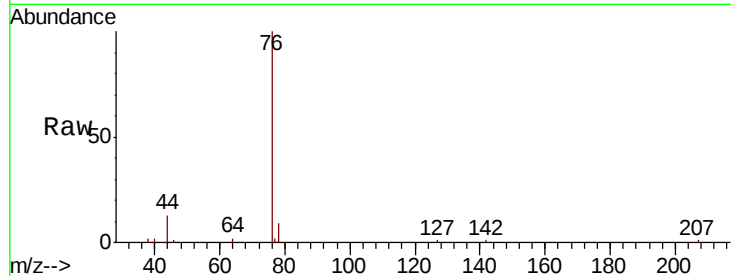




#17
Carbon Disulfide
Concen: 19.977 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

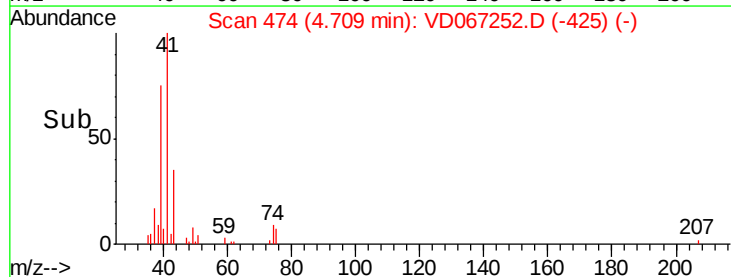
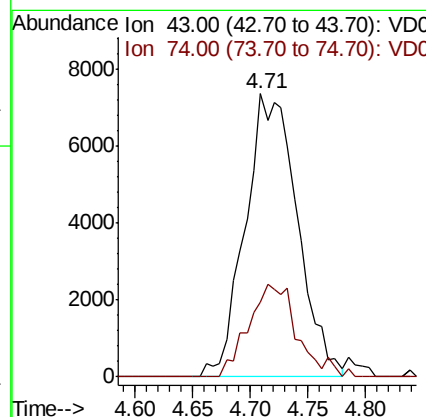
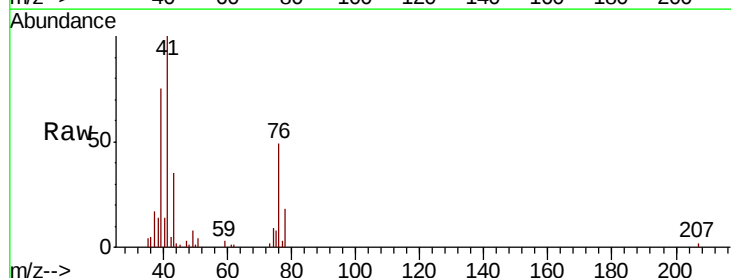
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

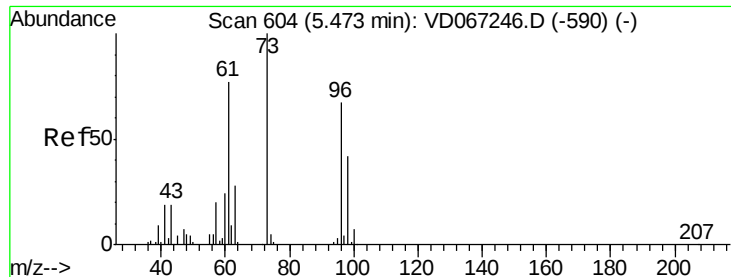
Tot Ion: 76 Resp: 168375
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.157 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 43 Resp: 23108
Ion Ratio Lower Upper
43 100
74 30.7 26.6 39.8

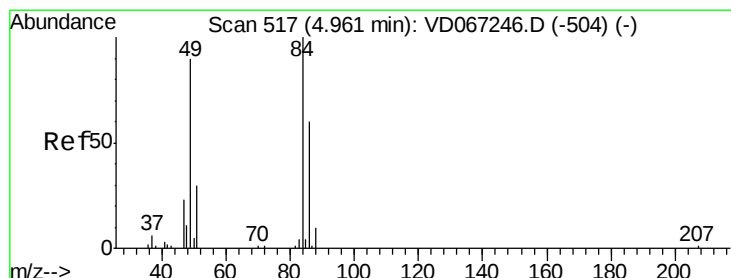
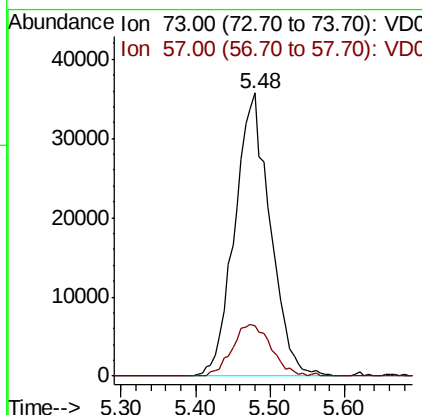
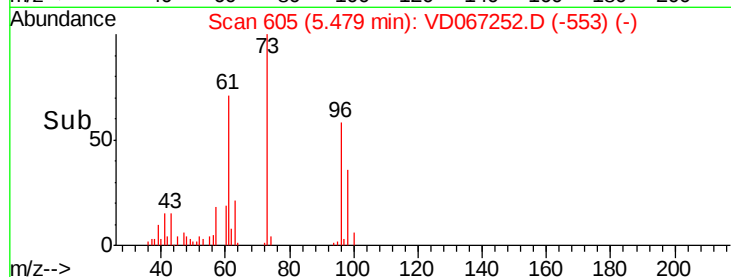
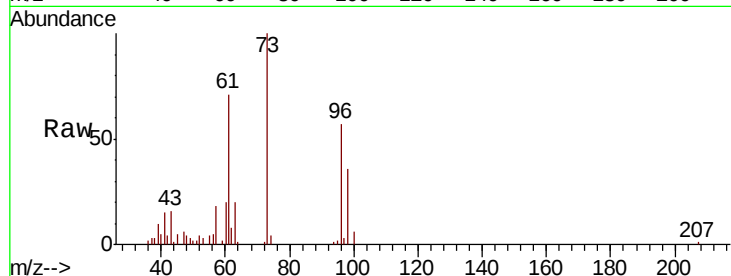




#19
Methvl tert-butvl Ether
Concen: 20.050 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

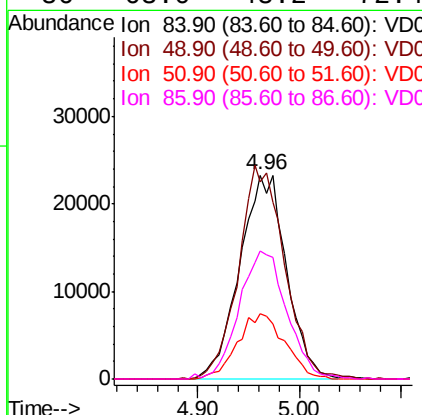
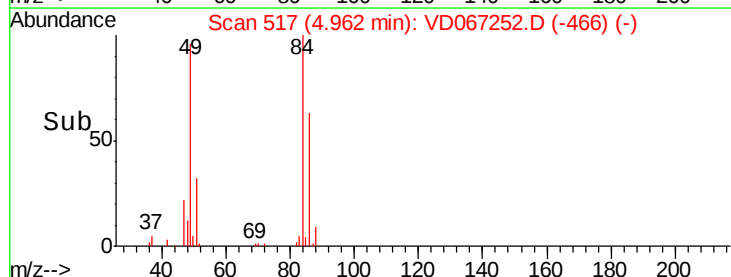
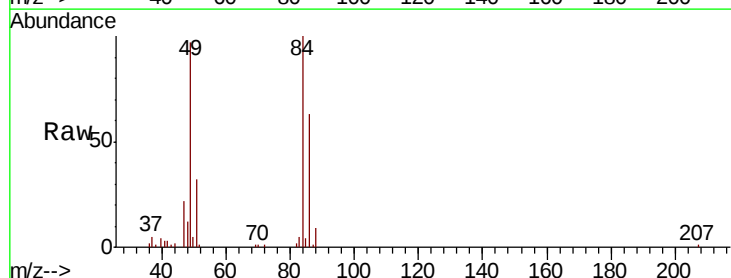
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

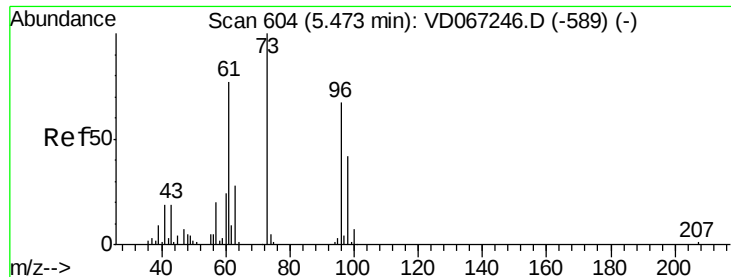
Tot Ion: 73 Resp: 117867
Ion Ratio Lower Upper
73 100
57 17.9 15.7 23.5



#20
Methylene Chloride
Concen: 20.583 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 84 Resp: 74769
Ion Ratio Lower Upper
84 100
49 96.5 72.2 108.2
51 32.1 23.8 35.8
86 63.0 48.2 72.4

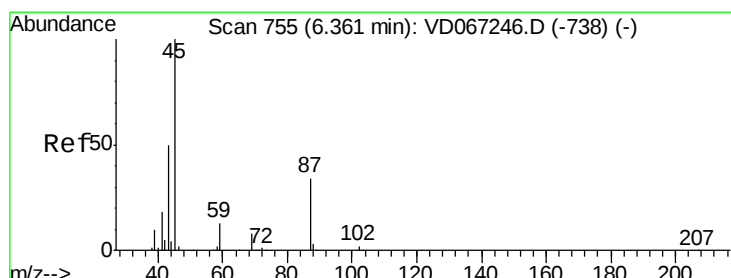
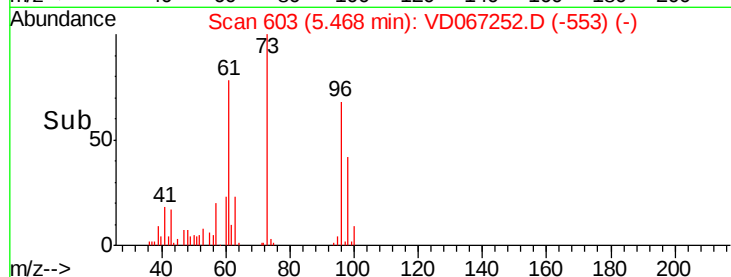
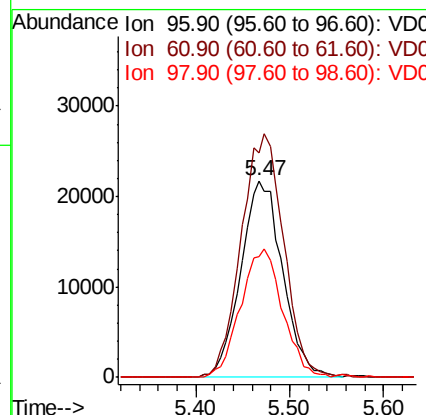
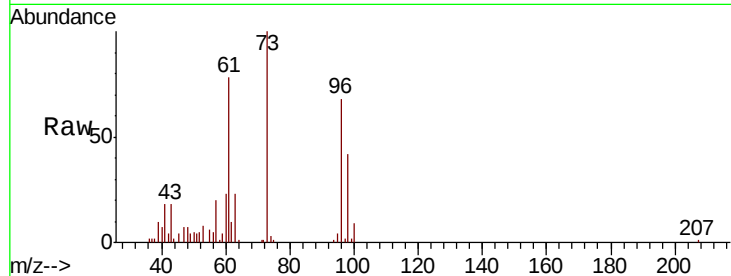




#21
trans-1,2-Dichloroethene
Concen: 19.659 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

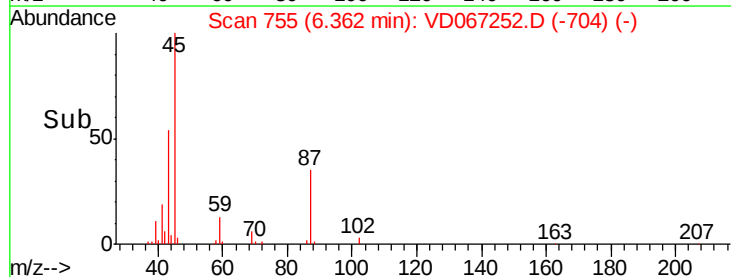
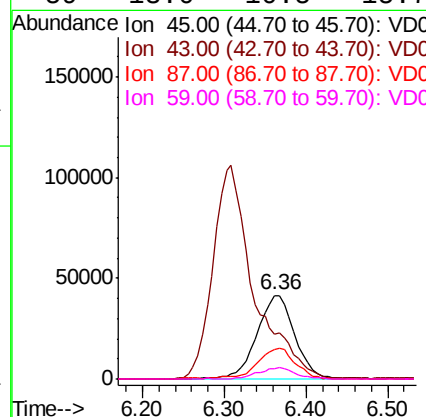
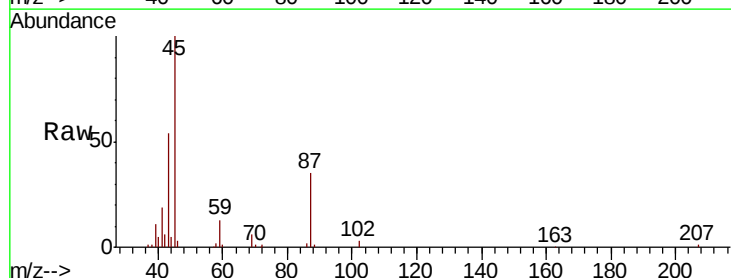
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

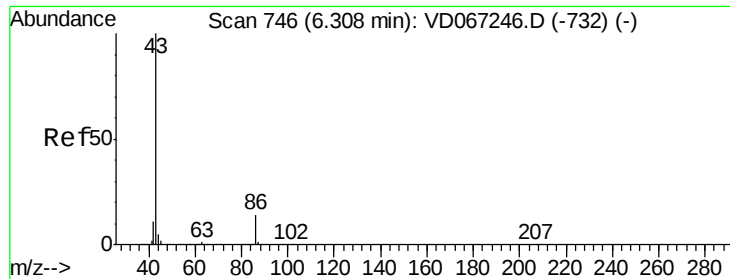
Tot Ion: 96 Resp: 66886
Ion Ratio Lower Upper
96 100
61 114.4 92.0 138.0
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 21.570 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 45 Resp: 133407
Ion Ratio Lower Upper
45 100
43 53.0 48.0 72.0
87 34.7 28.5 42.7
59 13.0 10.5 15.7





#23

Vinyl Acetate

Concen: 105.039 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

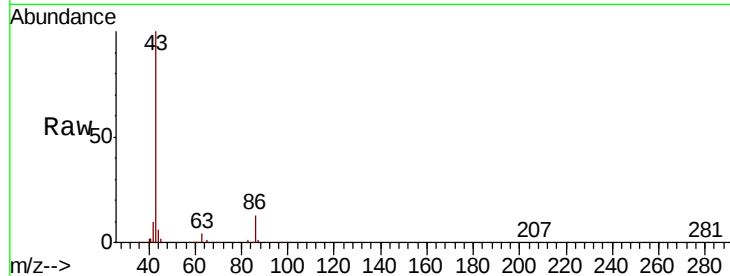
VD1013SBS01

Tot Ion: 43 Resp: 369603

Ion Ratio Lower Upper

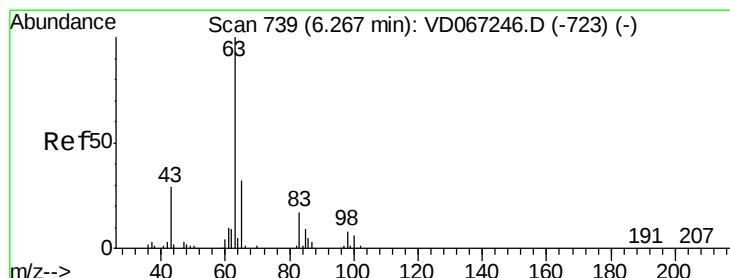
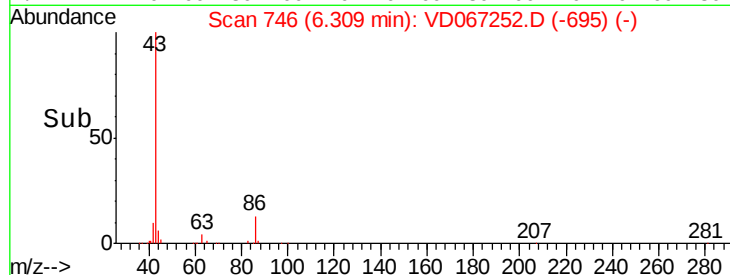
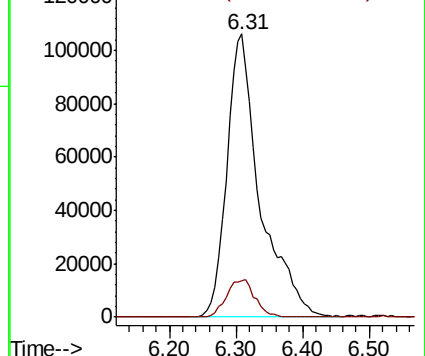
43 100

86 12.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.811 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

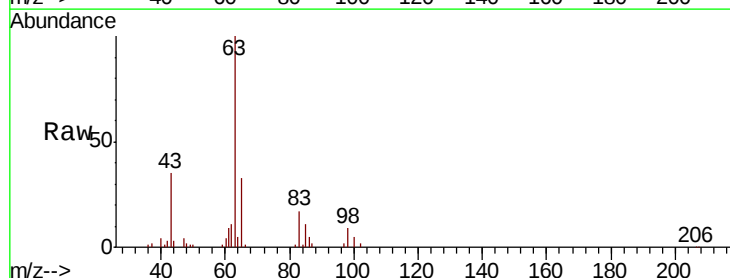
Tgt Ion: 63 Resp: 104888

Ion Ratio Lower Upper

63 100

98 8.6 4.0 12.2

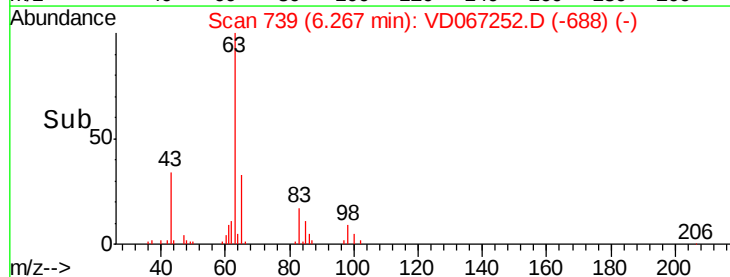
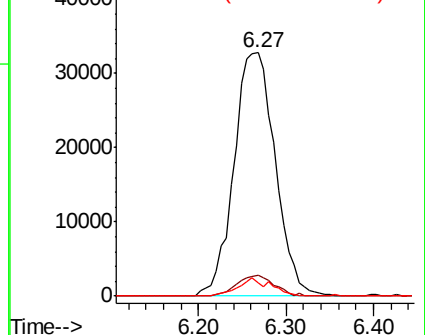
100 5.3 2.8 8.4

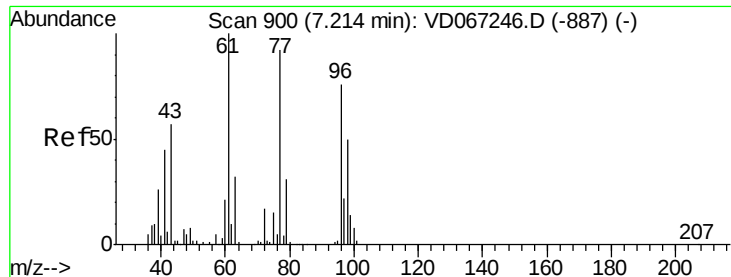


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 102.261 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

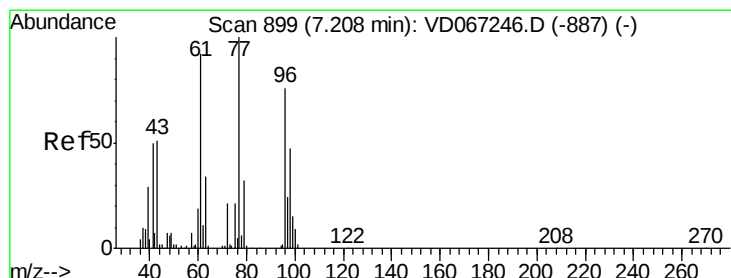
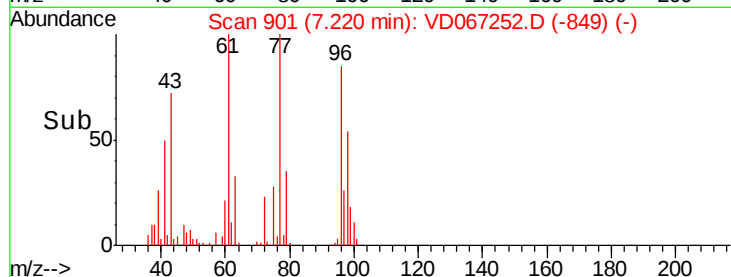
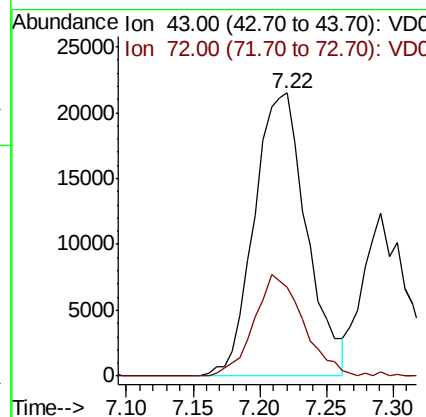
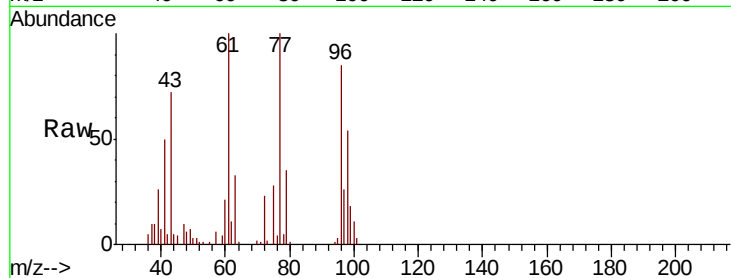
VD1013SBSD01

Tot Ion: 43 Resp: 58589

Ion Ratio Lower Upper

43 100

72 31.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 19.213 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067252.D

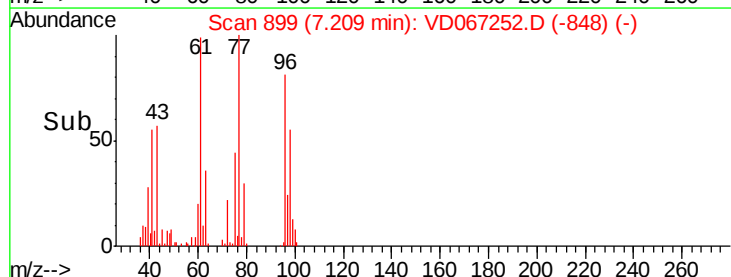
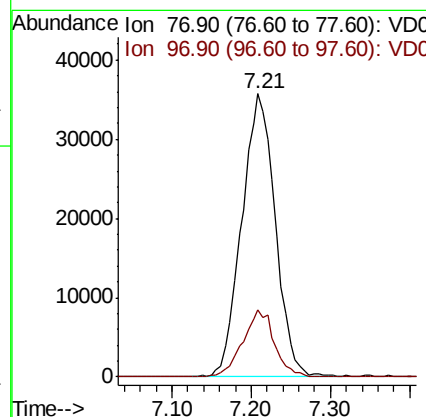
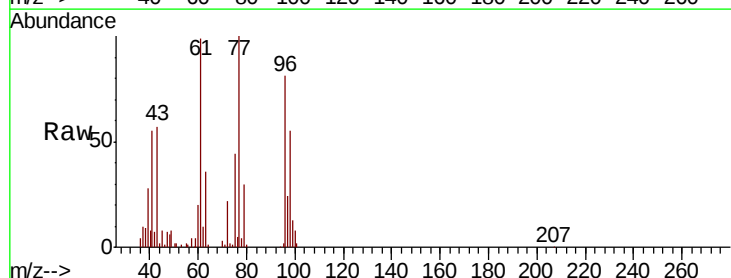
Acq: 13 Oct 2020 15:14

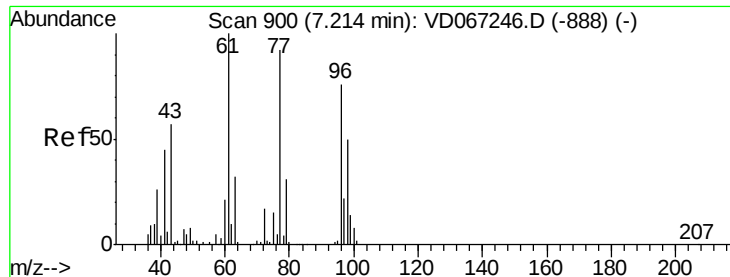
Tgt Ion: 77 Resp: 104844

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2

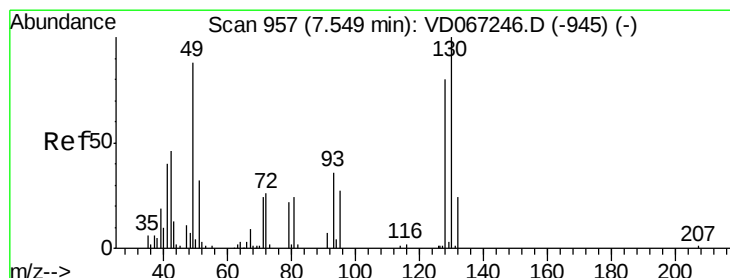
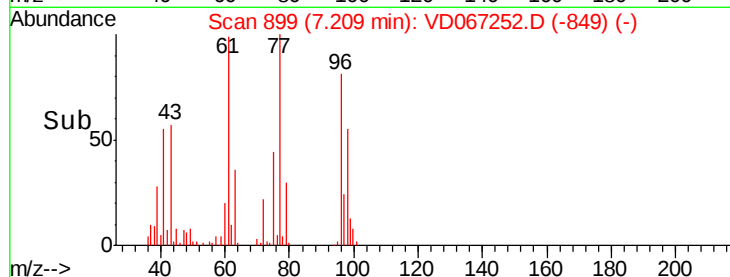
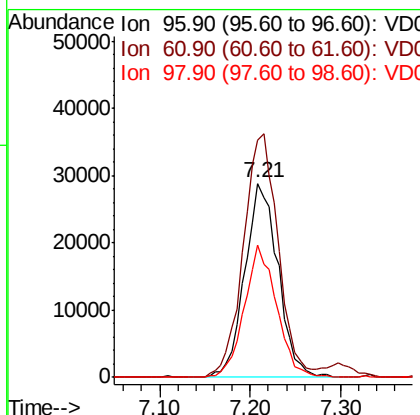
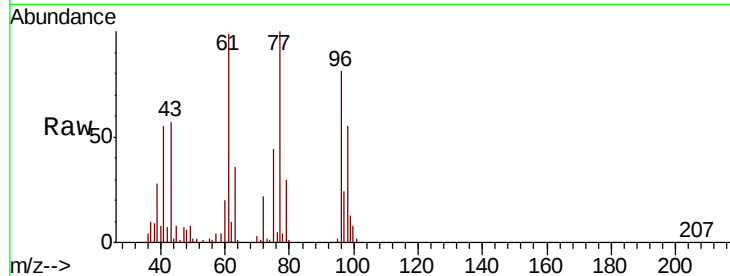




#27
 cis-1,2-Dichloroethene
 Concen: 19.746 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

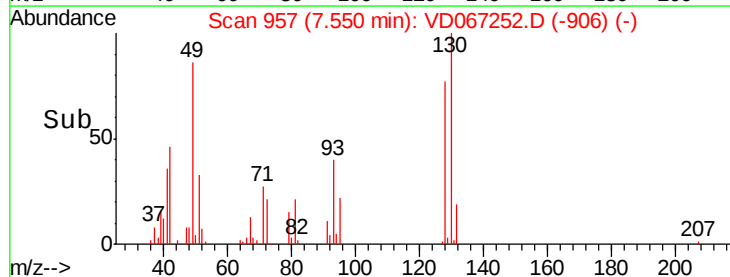
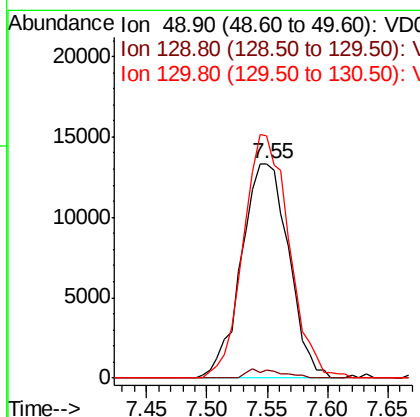
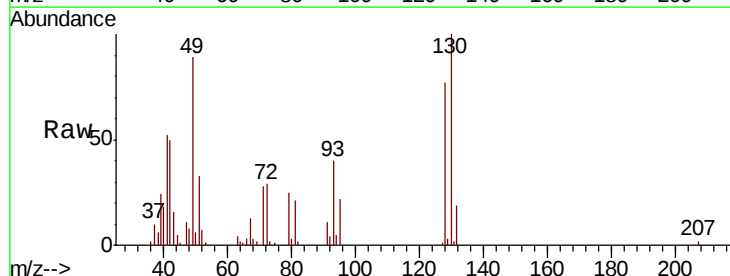
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

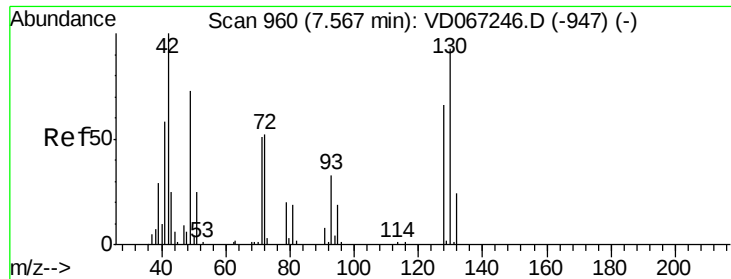
Tot Ion: 96 Resp: 73630
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 255.4
 98 65.9 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.072 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 49 Resp: 36246
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 1.6#
 130 110.1 91.0 136.6

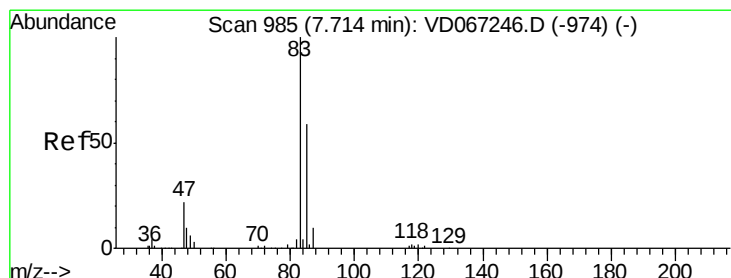
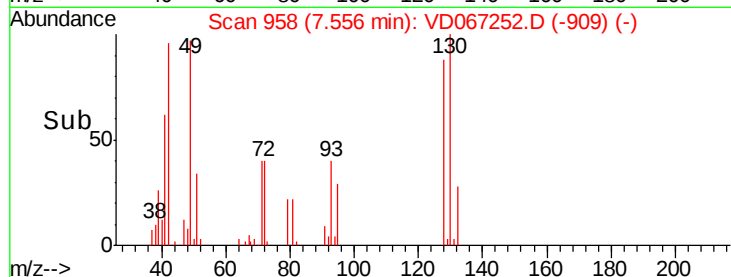
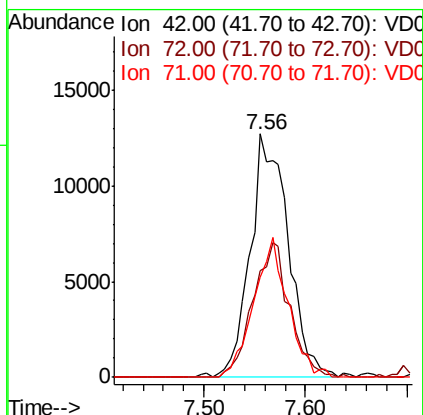
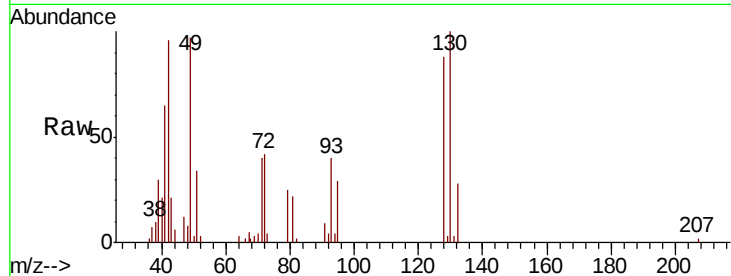




#29
Tetrahydrofuran
Concen: 103.723 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

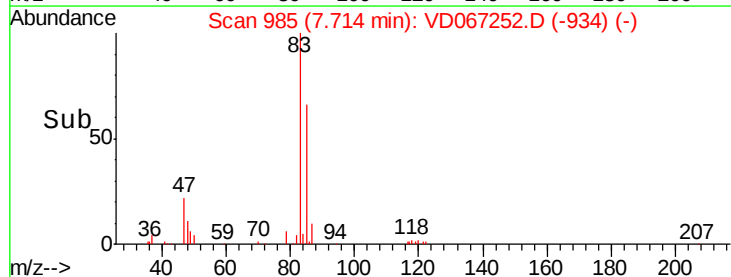
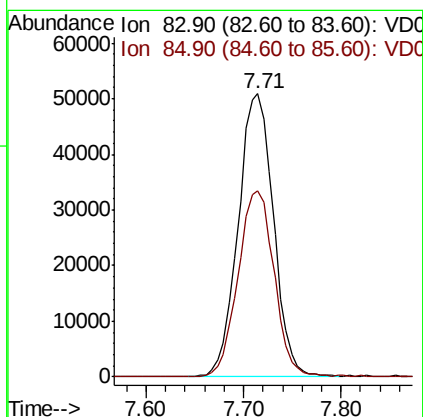
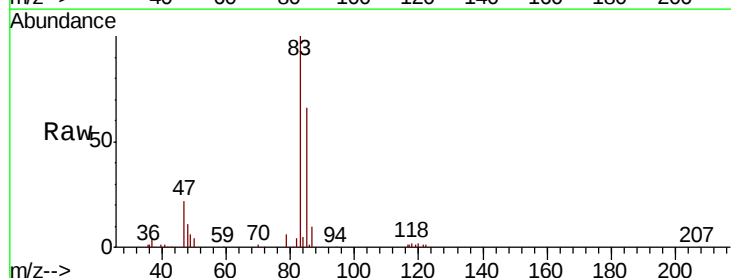
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

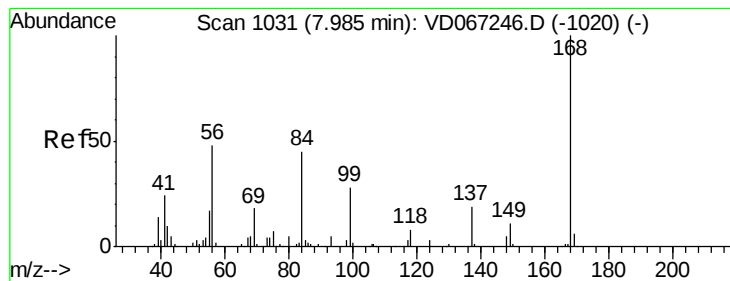
Tot Ion: 42 Resp: 33034
Ion Ratio Lower Upper
42 100
72 53.7 43.2 64.8
71 52.3 39.4 59.0



#30
Chloroform
Concen: 20.244 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 83 Resp: 128037
Ion Ratio Lower Upper
83 100
85 65.9 47.3 70.9





#31

Cyclohexane

Concen: 19.560 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

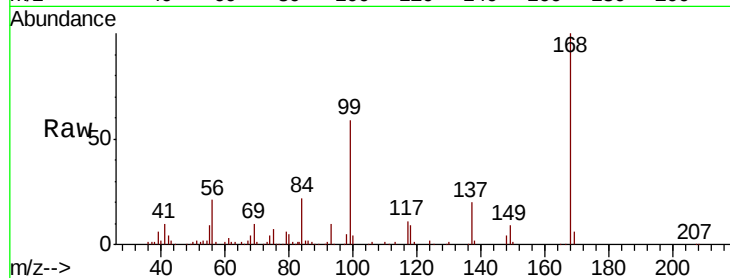
Tot Ion: 56 Resp: 80853

Ion Ratio Lower Upper

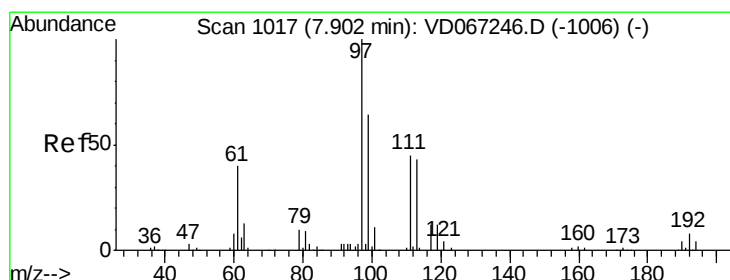
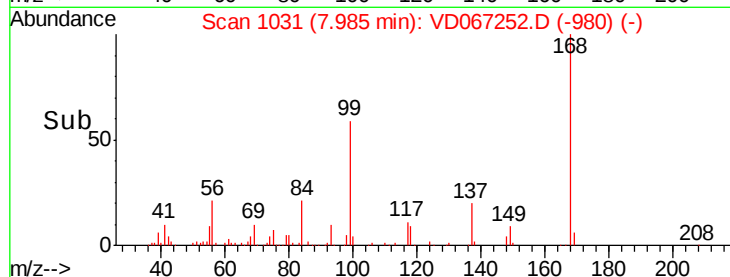
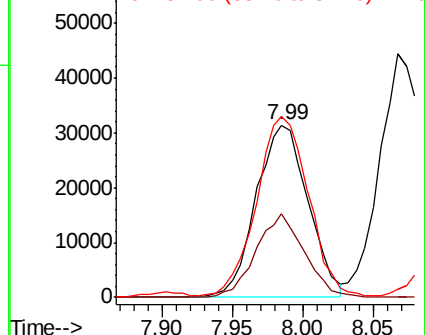
56 100

69 48.5 29.8 44.6#

84 103.8 76.6 114.8



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



#32

1,1,1-Trichloroethane

Concen: 19.620 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

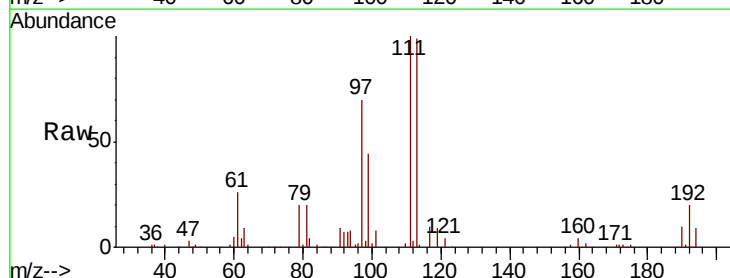
Tgt Ion: 97 Resp: 121751

Ion Ratio Lower Upper

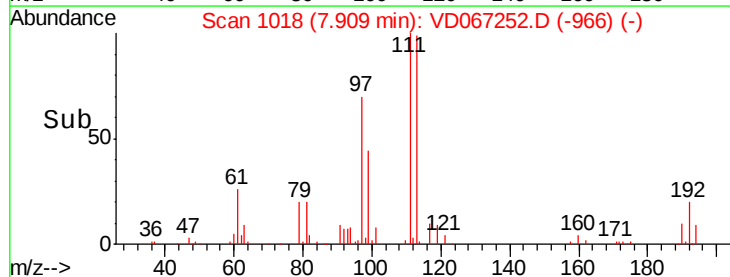
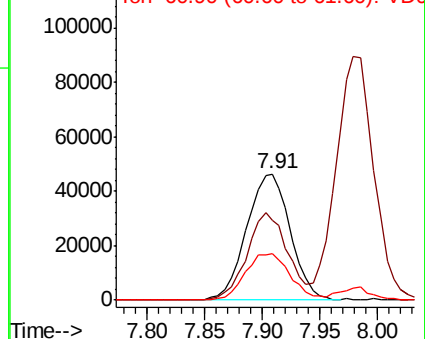
97 100

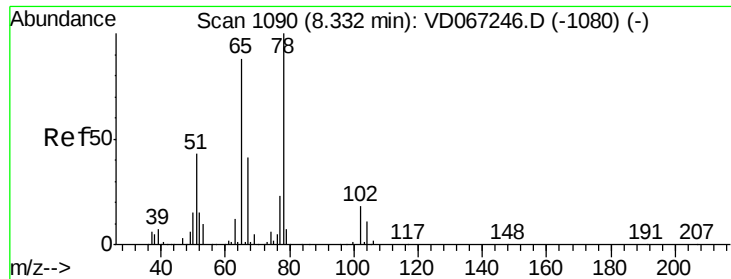
99 64.1 50.2 75.4

61 38.5 30.5 45.7



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: 49.693 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

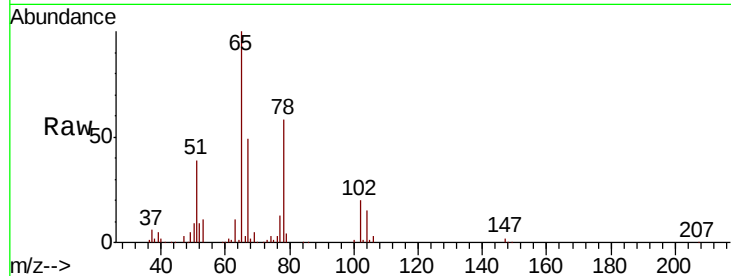
VD1013SBSD01

Tot Ion: 65 Resp: 178342

Ion Ratio Lower Upper

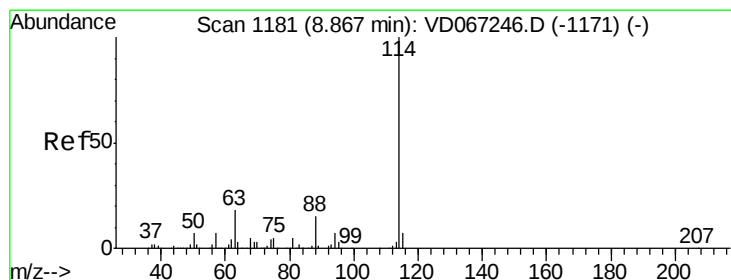
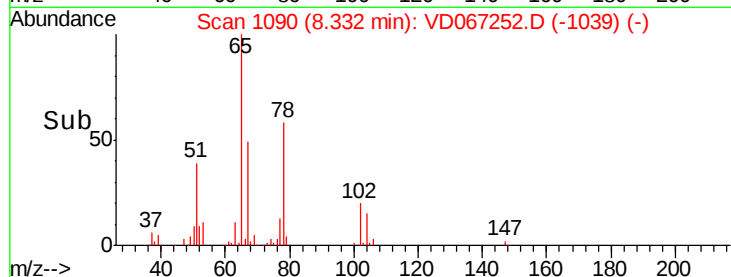
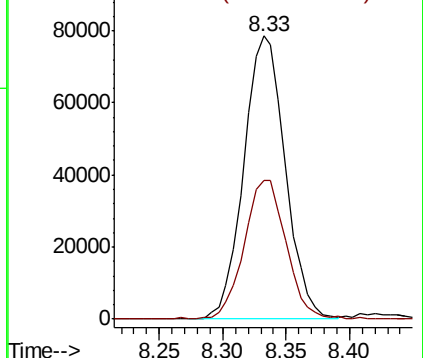
65 100

67 50.0 0.0 103.8



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: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

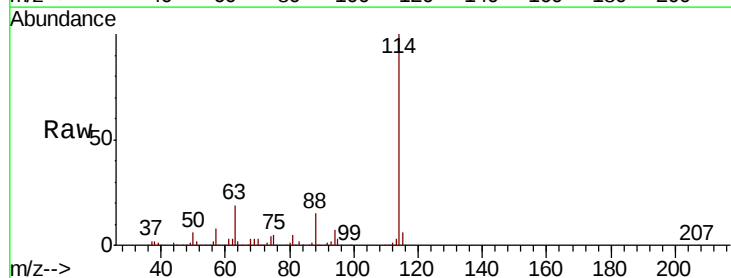
Tgt Ion: 114 Resp: 539878

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

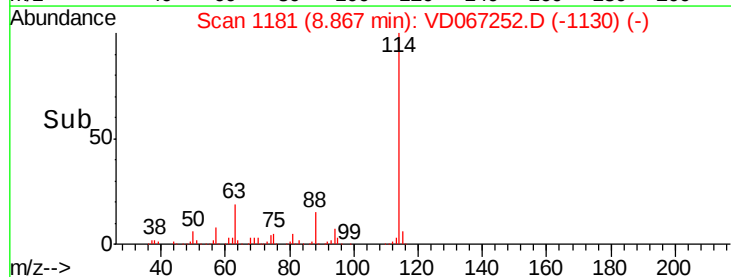
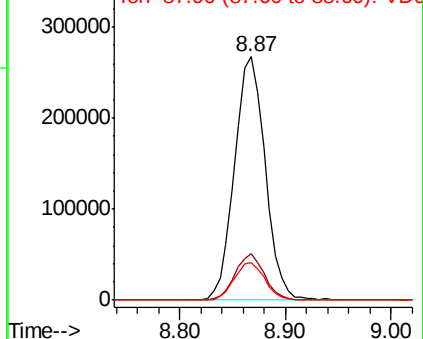
88 15.5 0.0 30.6

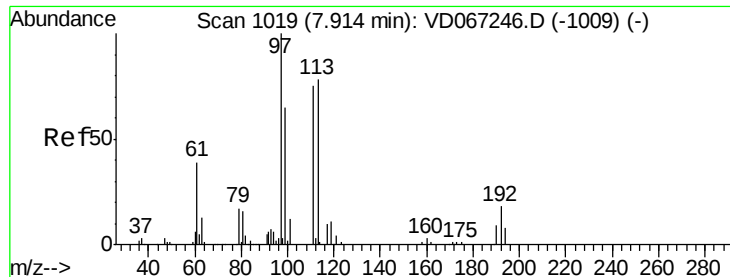


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

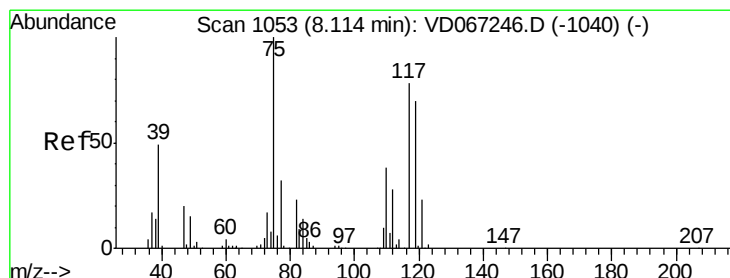
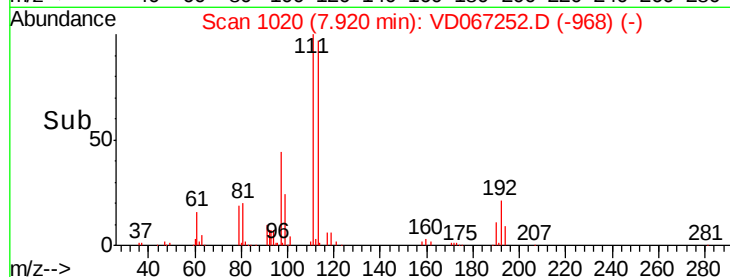
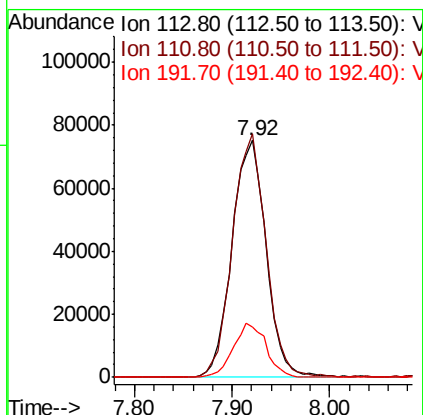
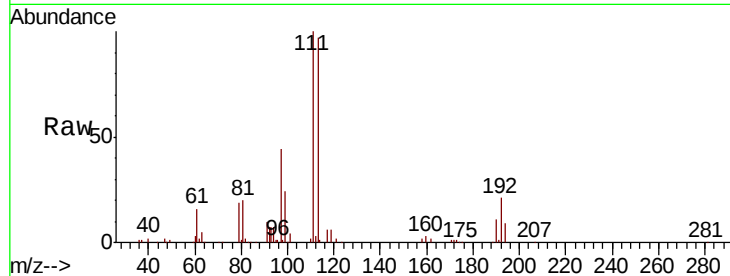




#35
Dibromofluoromethane
Concen: 51.157 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

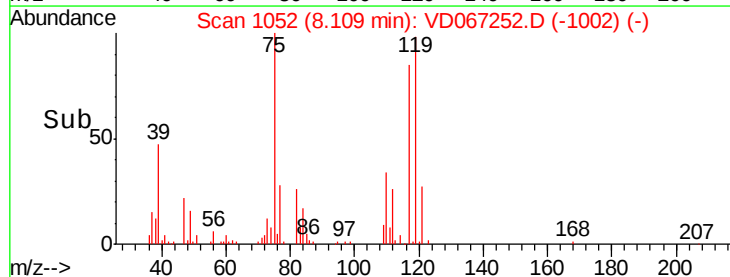
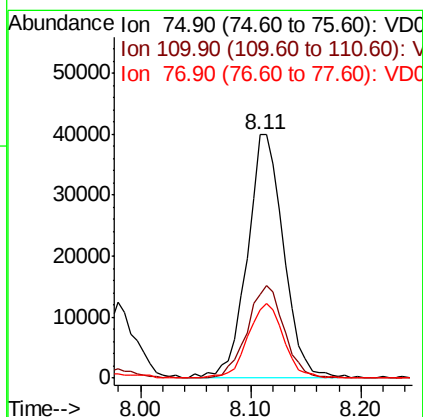
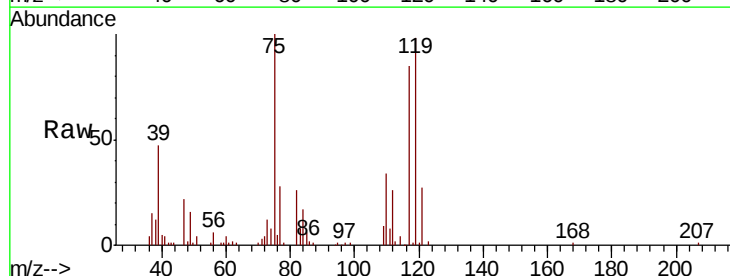
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

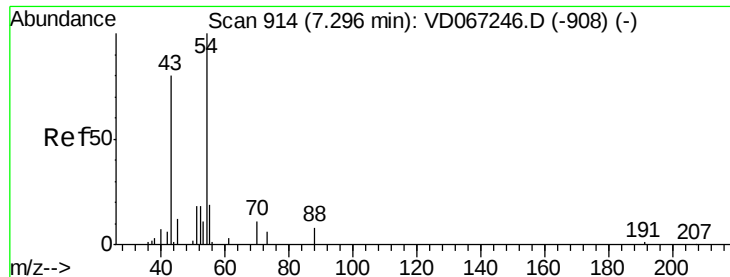
Tot Ion:113 Resp: 183800
Ion Ratio Lower Upper
113 100
111 100.9 81.6 122.4
192 21.9 17.0 25.4



#36
1,1-Dichloropropene
Concen: 20.137 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 75 Resp: 92145
Ion Ratio Lower Upper
75 100
110 38.3 19.6 58.7
77 30.2 24.6 37.0

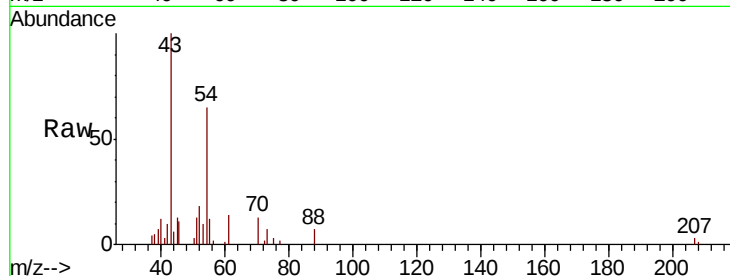




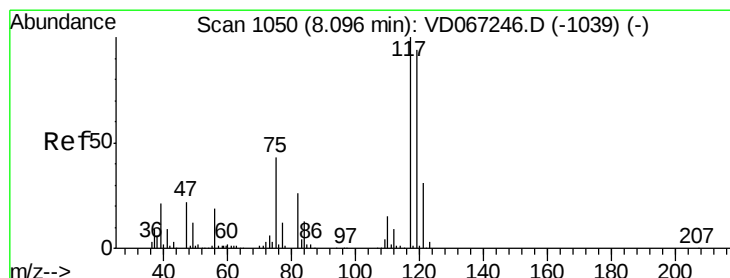
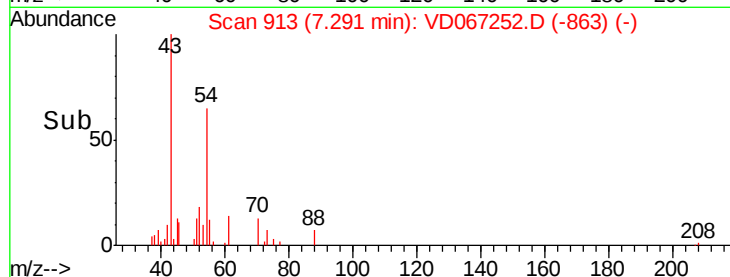
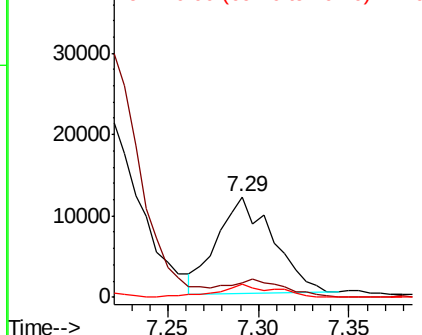
#37
Ethyl Acetate
Concen: 18.862 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

Tot Ion: 43 Resp: 25394
Ion Ratio Lower Upper
43 100
61 18.8 15.6 23.4
70 13.9 10.4 15.6

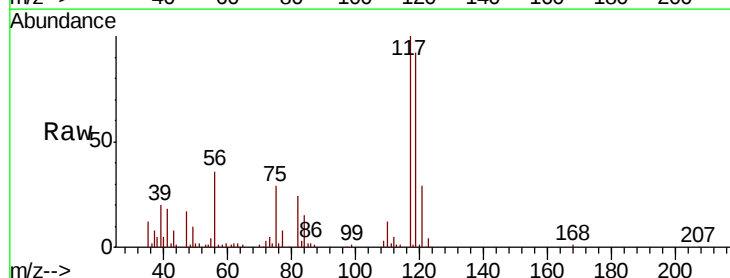


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

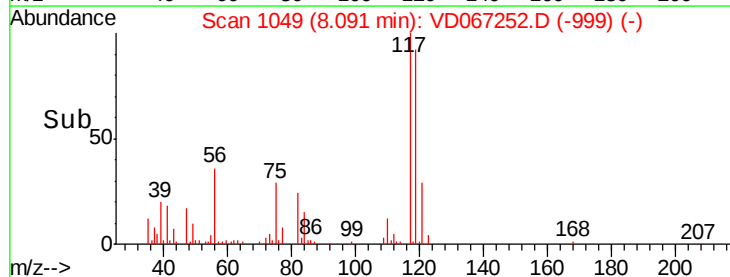
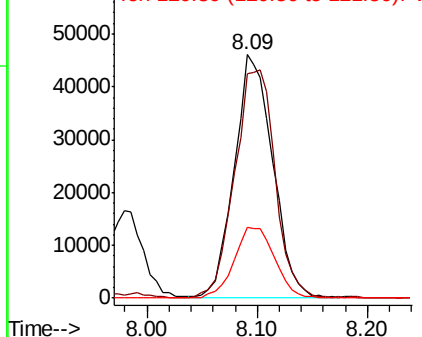


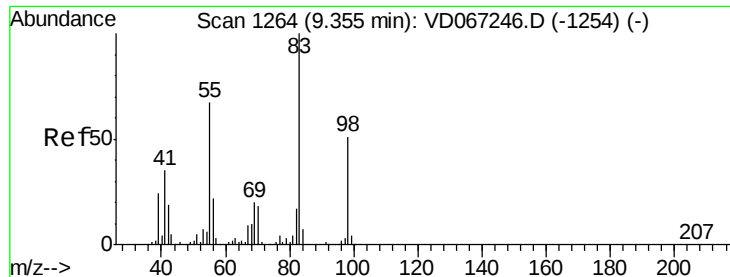
#38
Carbon Tetrachloride
Concen: 19.115 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 117 Resp: 111788
Ion Ratio Lower Upper
117 100
119 92.7 75.0 112.4
121 29.1 24.9 37.3



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

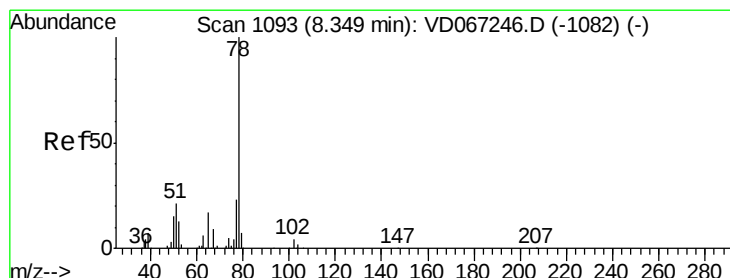
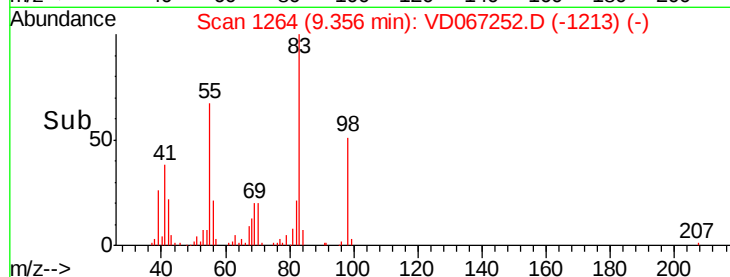
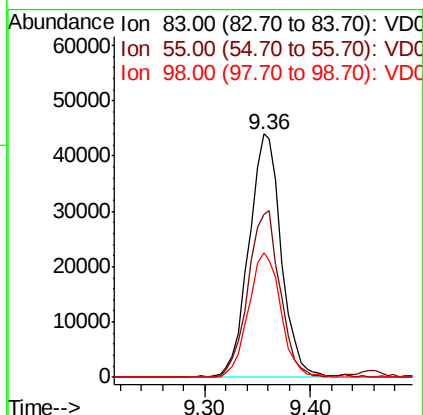
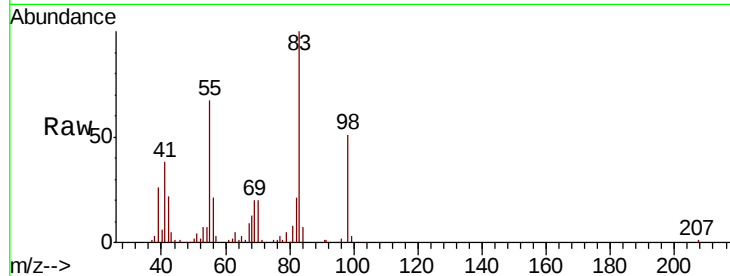




#39
Methvlcvclohexane
Concen: 19.634 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

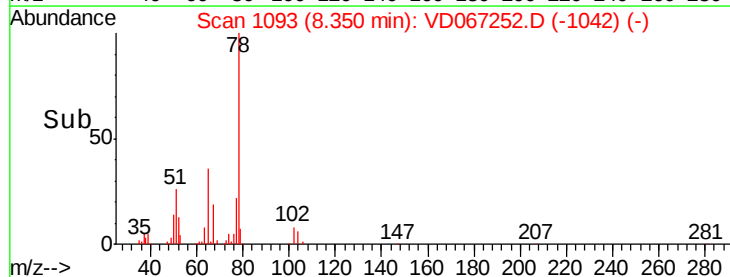
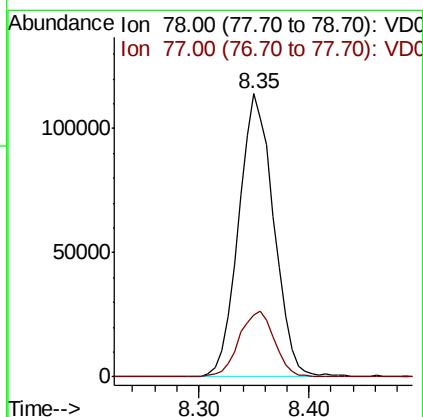
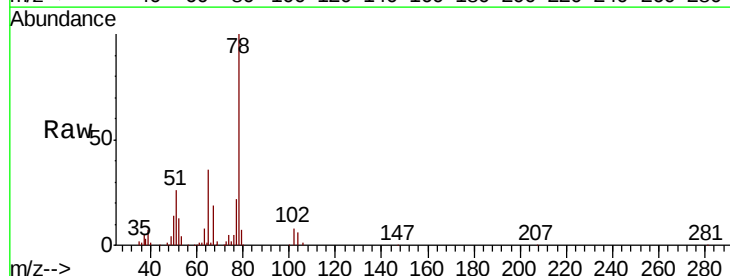
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

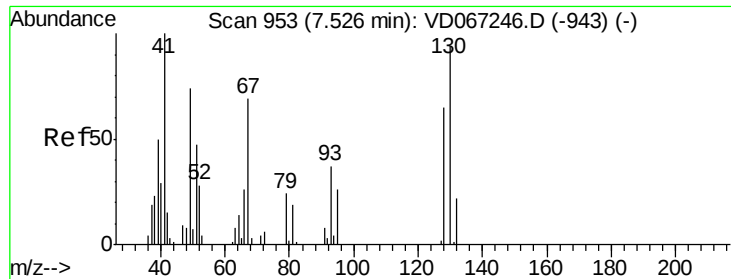
Tot Ion: 83 Resp: 93923
Ion Ratio Lower Upper
83 100
55 67.0 53.3 79.9
98 50.9 41.0 61.4



#40
Benzene
Concen: 20.337 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 78 Resp: 255297
Ion Ratio Lower Upper
78 100
77 21.8 18.3 27.5

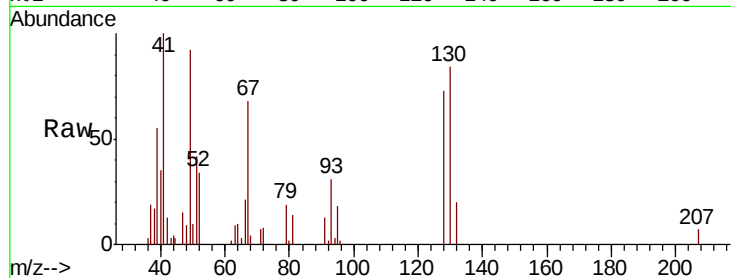




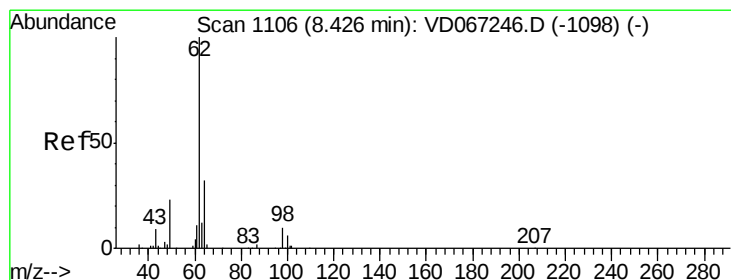
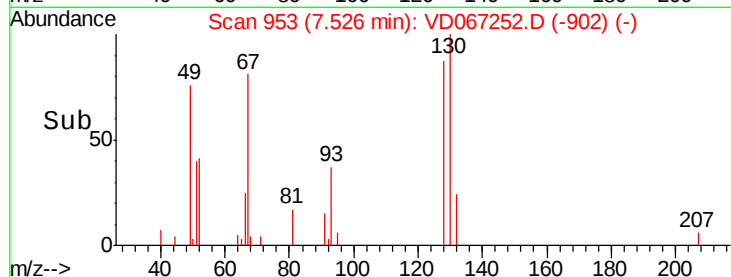
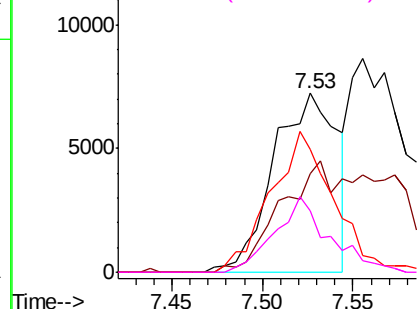
#41
Methacrylonitrile
Concen: 24.409 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

Tot Ion: 41 Resp: 17758
Ion Ratio Lower Upper
41 100
39 63.7 60.0 90.0
67 78.1 88.9 133.3#
52 36.1 36.9 55.3#

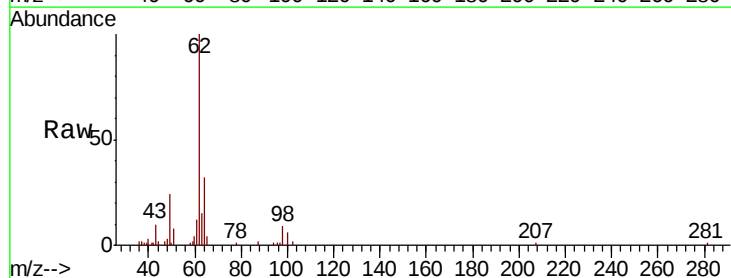


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

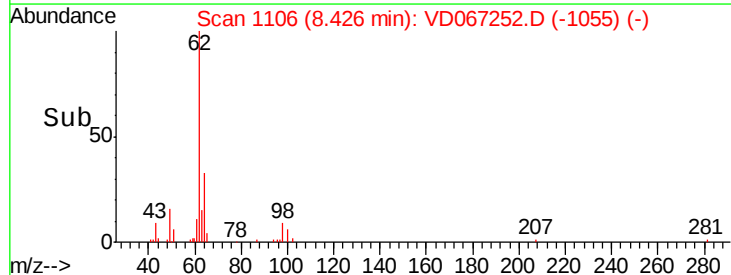
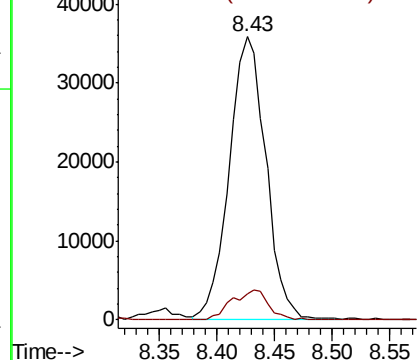


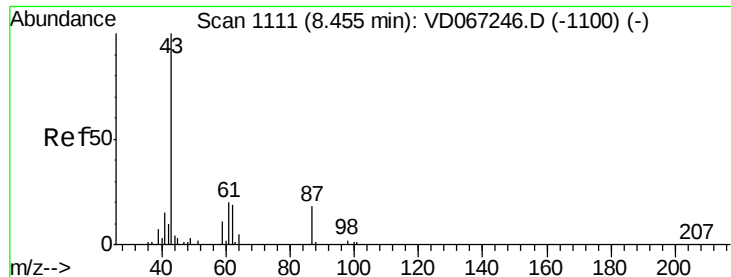
#42
1,2-Dichloroethane
Concen: 20.164 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 62 Resp: 79215
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.643 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBSD01

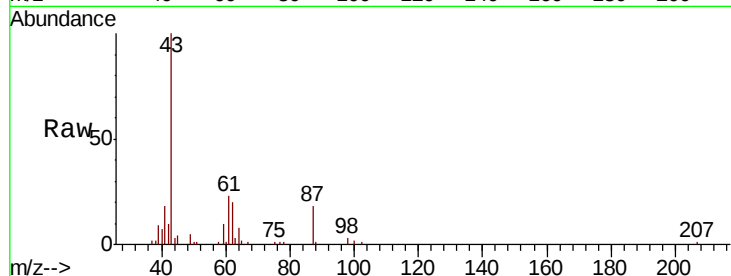
Tot Ion: 43 Resp: 55145

Ion Ratio Lower Upper

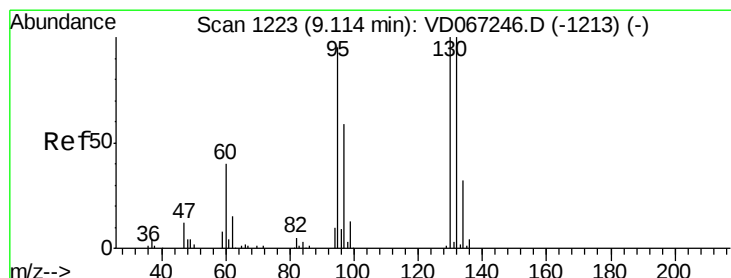
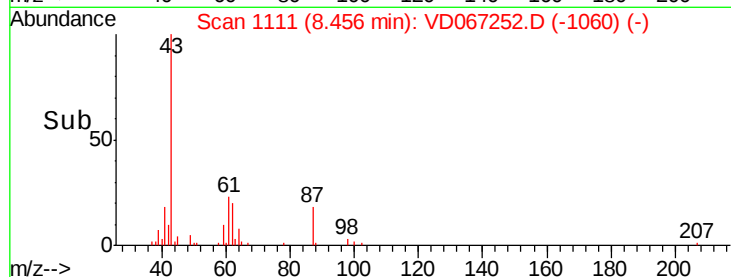
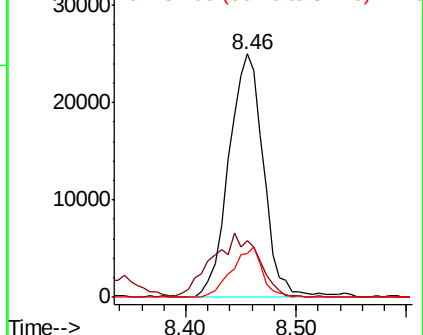
43 100

61 34.9 29.5 44.3

87 18.2 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.272 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067252.D

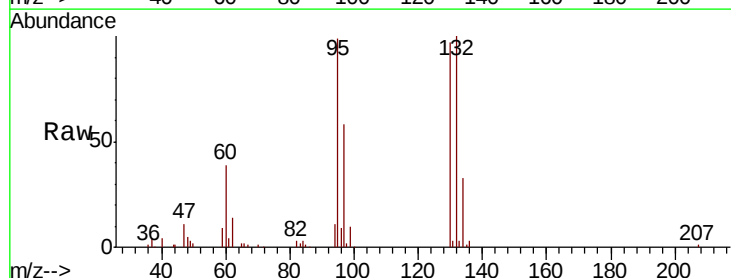
Acq: 13 Oct 2020 15:14

Tgt Ion:130 Resp: 81478

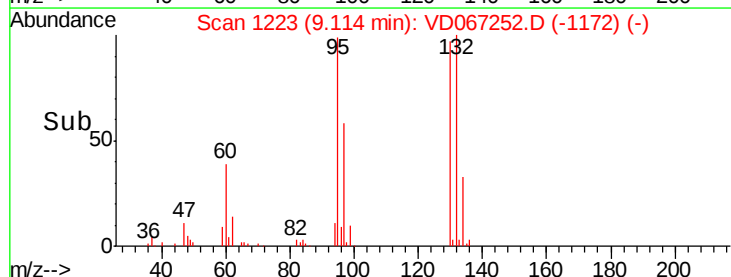
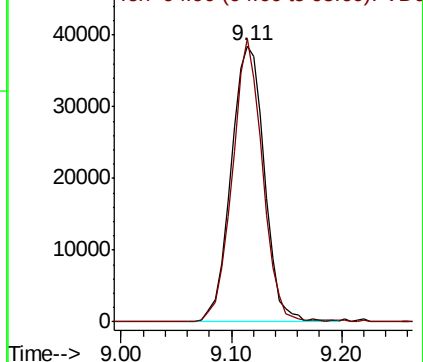
Ion Ratio Lower Upper

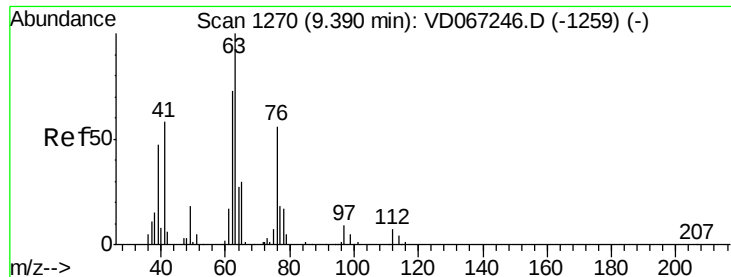
130 100

95 102.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.368 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

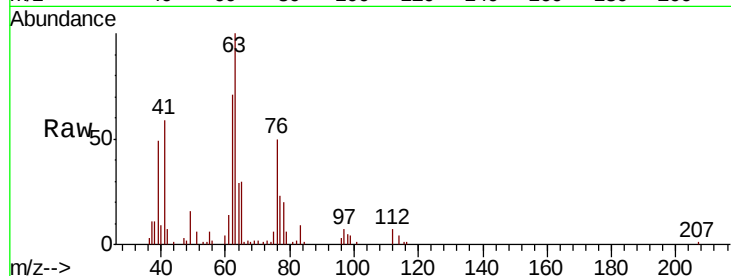
VD1013SBSD01

Tot Ion: 63 Resp: 59258

Ion Ratio Lower Upper

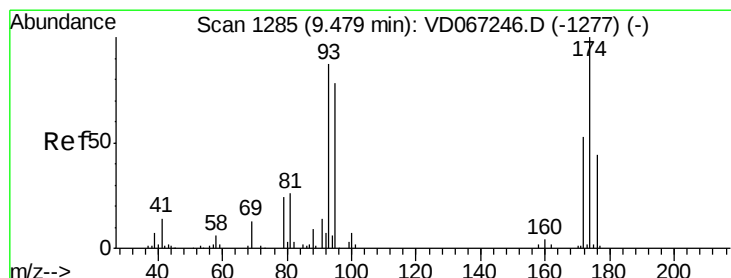
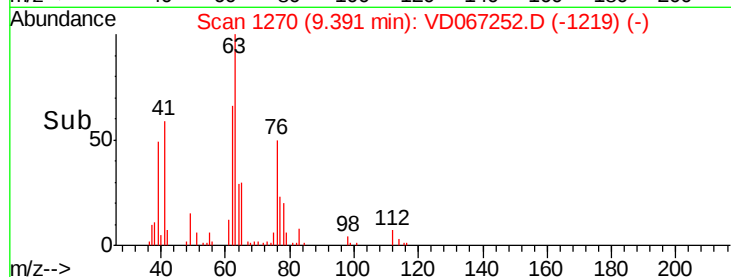
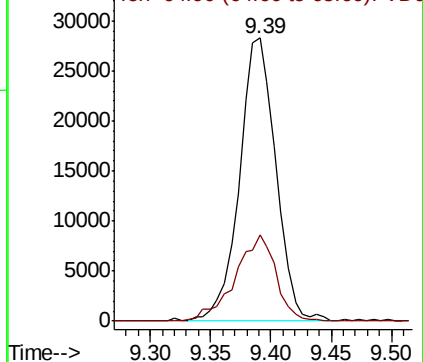
63 100

65 30.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.907 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

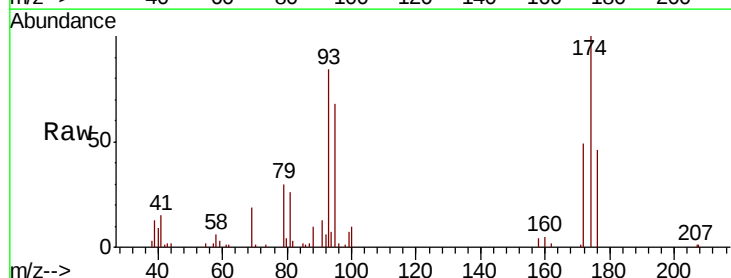
Tgt Ion: 93 Resp: 36085

Ion Ratio Lower Upper

93 100

95 81.7 68.0 102.0

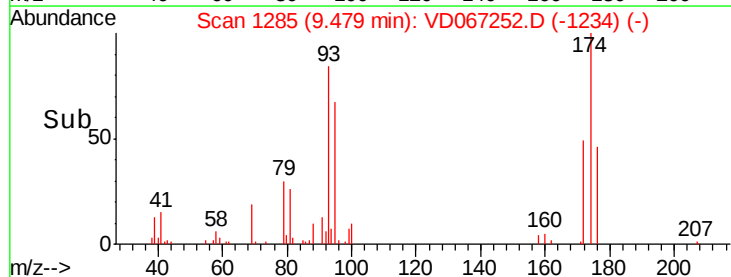
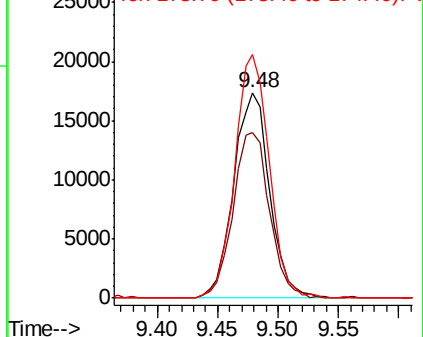
174 113.2 91.8 137.6

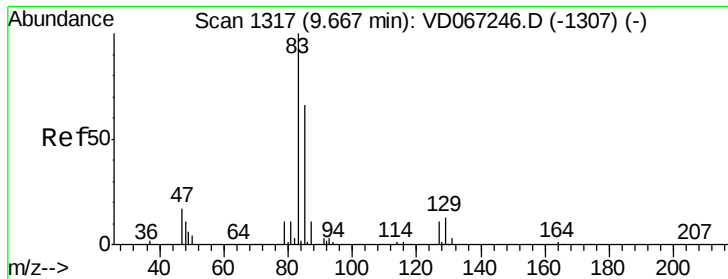


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

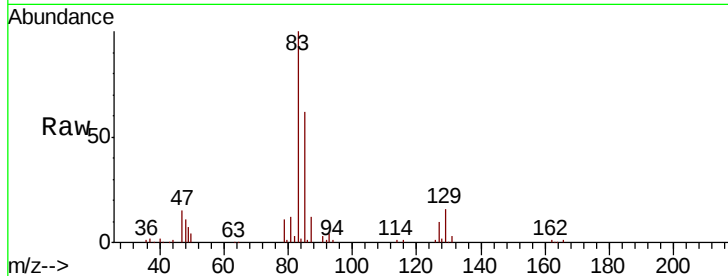




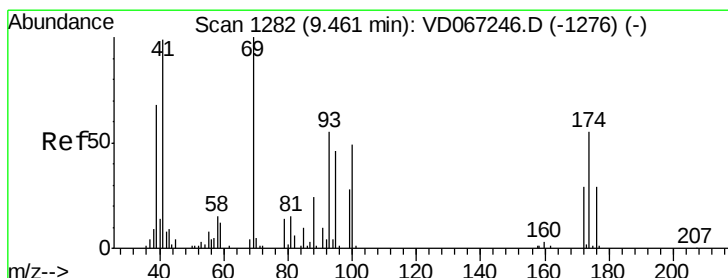
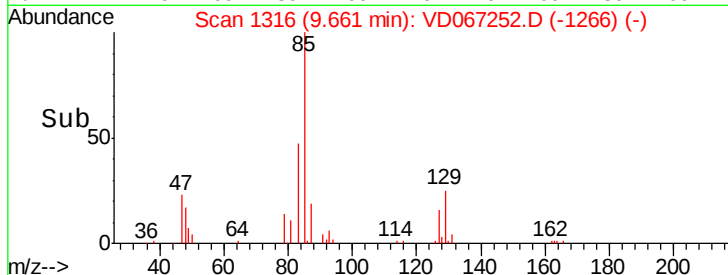
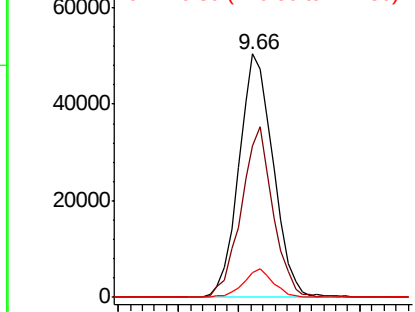
#47
 Bromodichloromethane
 Concen: 20.501 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

Tot Ion: 83 Resp: 99563
 Ion Ratio Lower Upper
 83 100
 85 62.0 53.1 79.7
 127 9.9 8.6 13.0

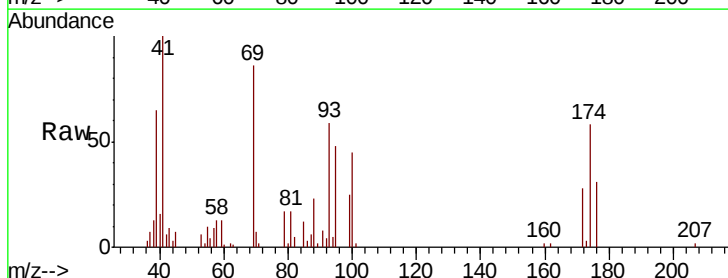


Abundance Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 126.80 (126.50 to 127.50): VDC

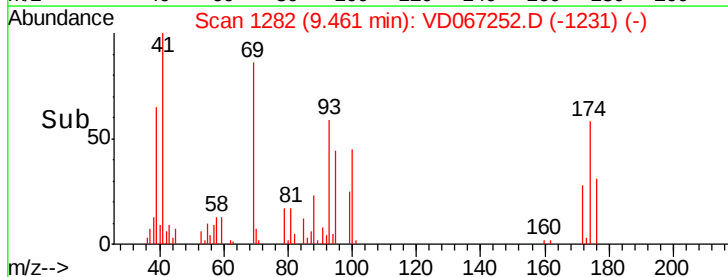
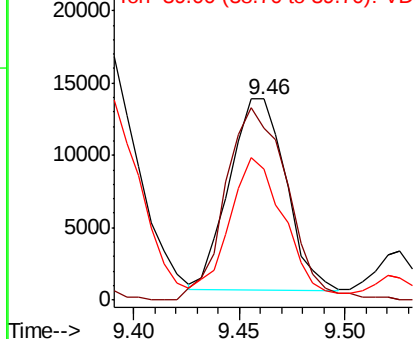


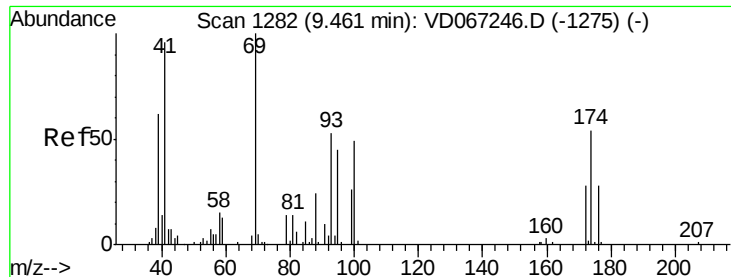
#48
 Methyl methacrylate
 Concen: 18.982 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 41 Resp: 24643
 Ion Ratio Lower Upper
 41 100
 69 111.0 89.0 133.6
 39 73.9 60.2 90.2



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: 419.914 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

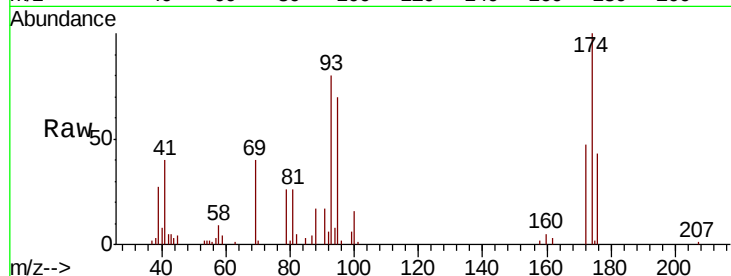
Tot Ion: 88 Resp: 7675

Ion Ratio Lower Upper

88 100

43 32.3 23.9 35.9

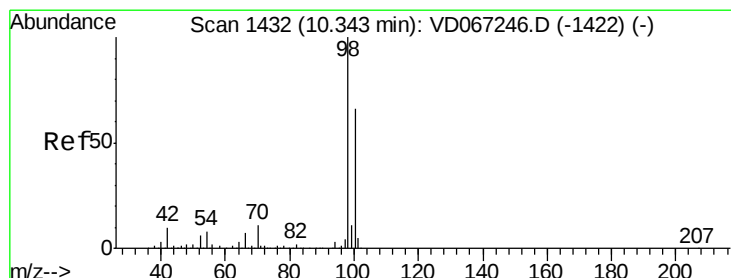
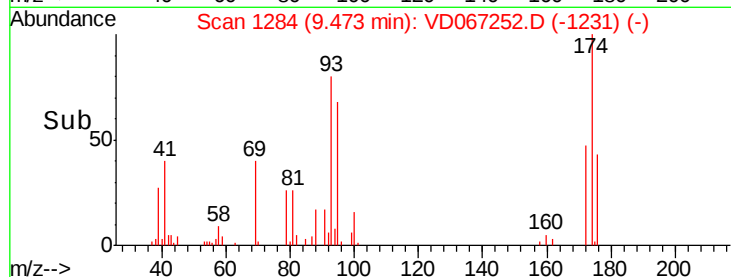
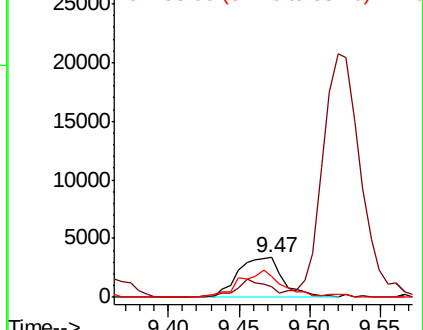
58 62.4 51.0 76.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.710 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067252.D

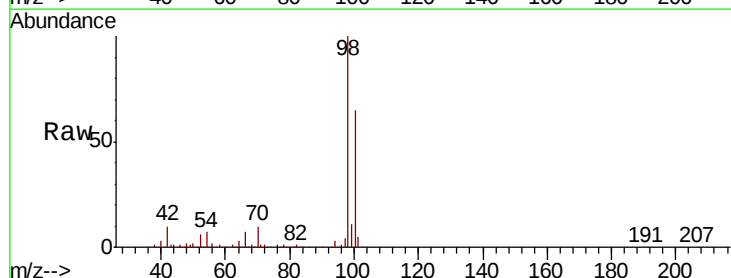
Acq: 13 Oct 2020 15:14

Tgt Ion: 98 Resp: 672358

Ion Ratio Lower Upper

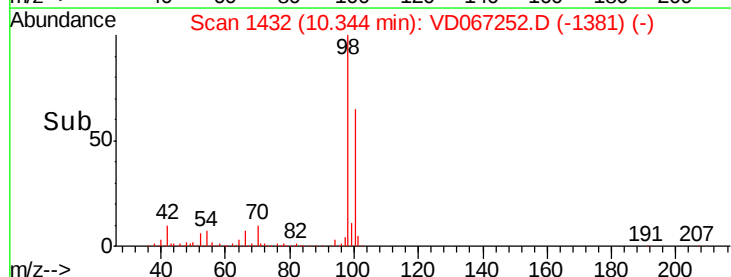
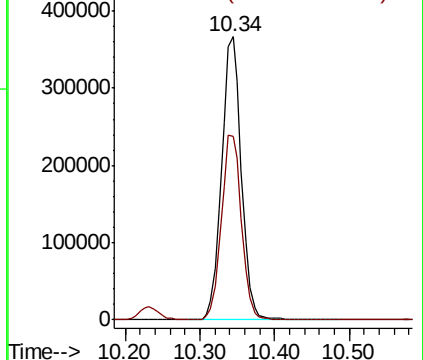
98 100

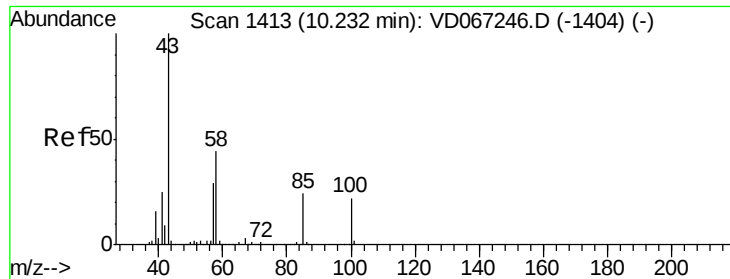
100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 103.539 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

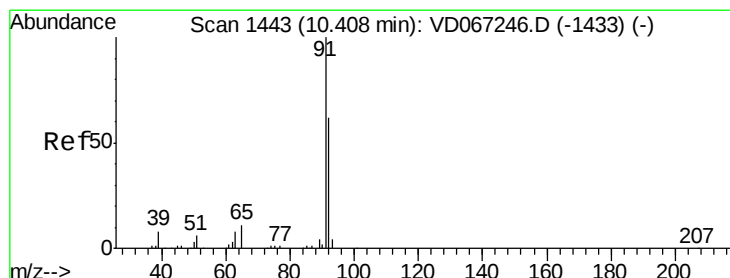
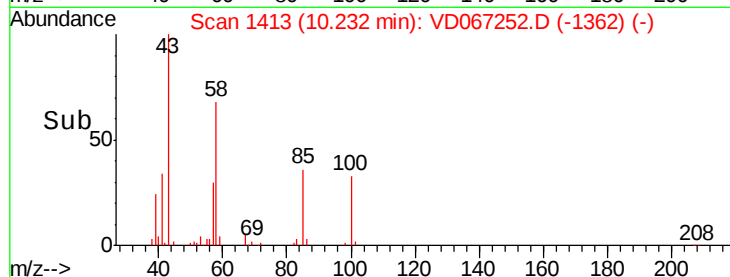
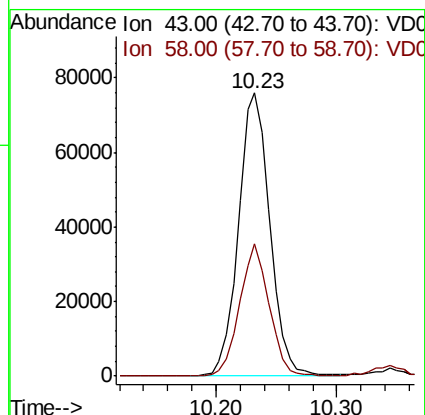
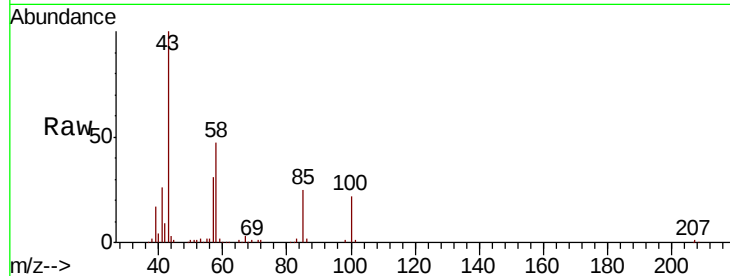
VD1013SBS01

Tot Ion: 43 Resp: 137956

Ion Ratio Lower Upper

43 100

58 43.7 35.7 53.5



#52

Toluene

Concen: 20.590 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067252.D

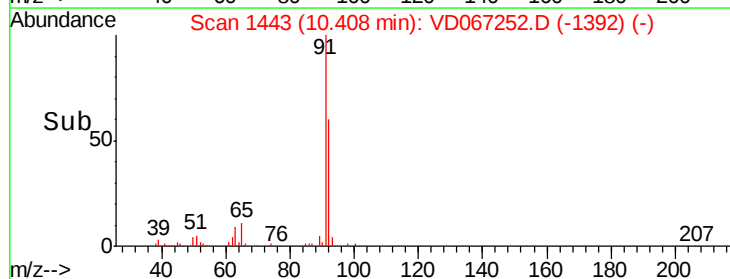
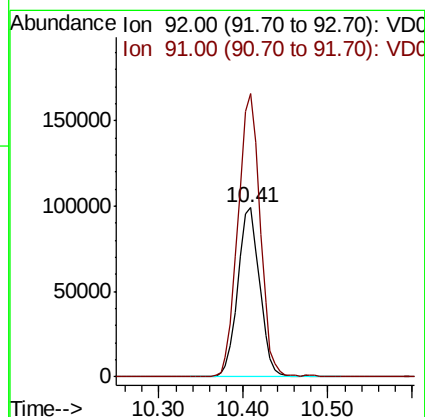
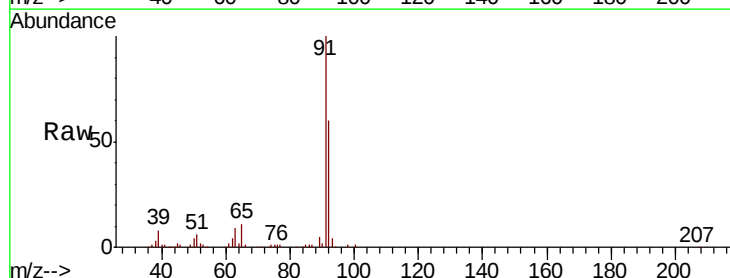
Acq: 13 Oct 2020 15:14

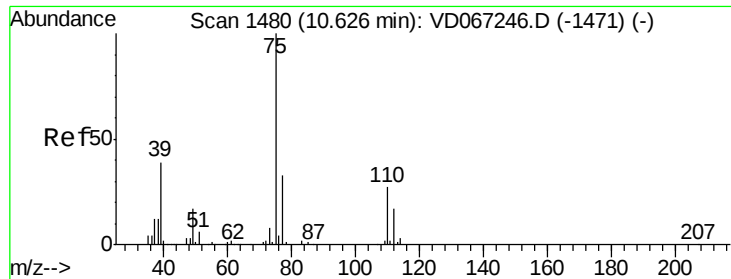
Tgt Ion: 92 Resp: 176045

Ion Ratio Lower Upper

92 100

91 169.0 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 20.008 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

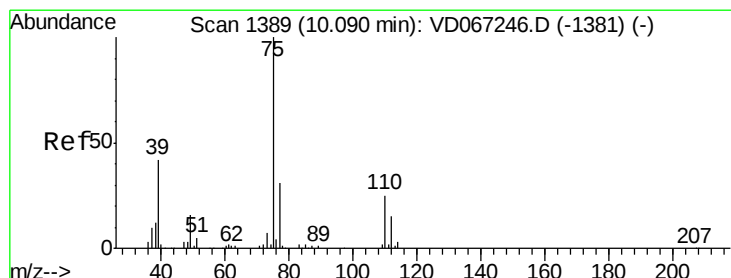
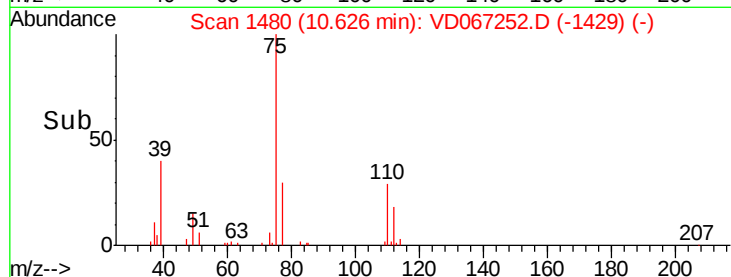
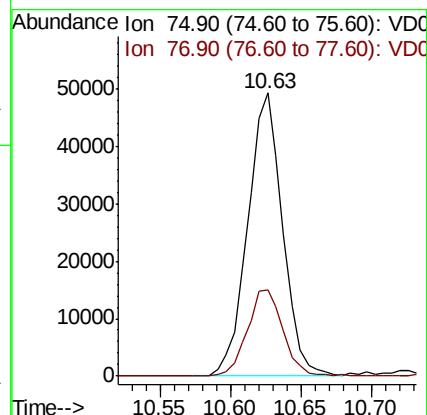
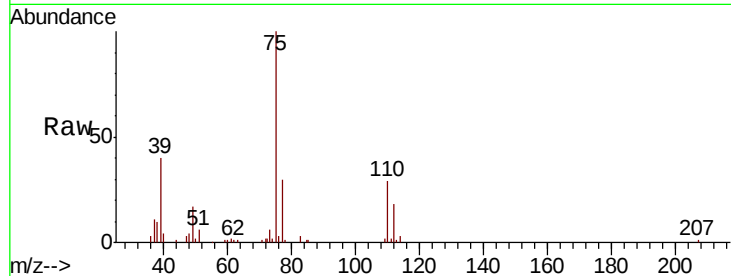
VD1013SBSD01

Tot Ion: 75 Resp: 85357

Ion Ratio Lower Upper

75 100

77 30.3 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 19.897 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

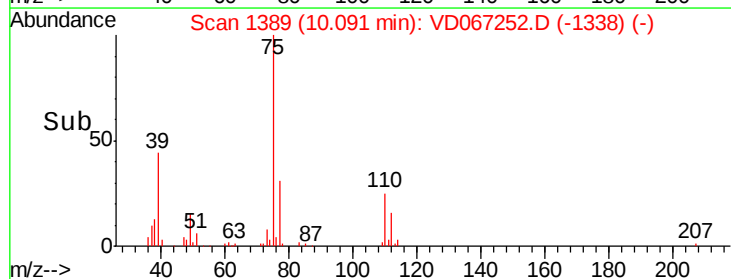
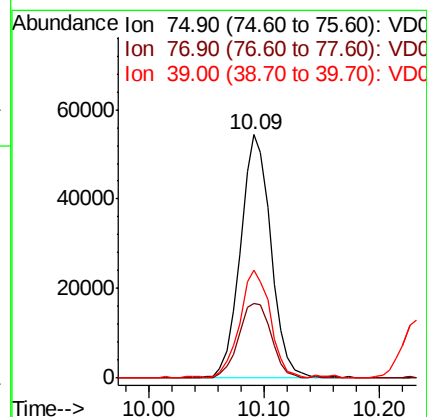
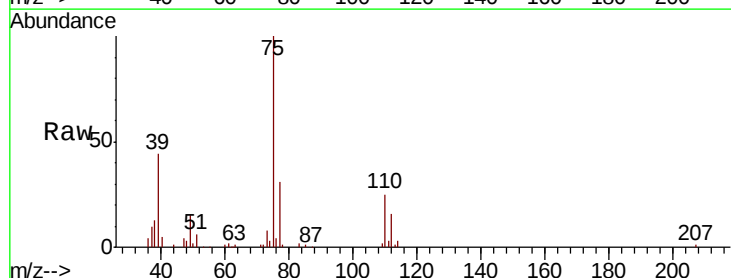
Tgt Ion: 75 Resp: 99341

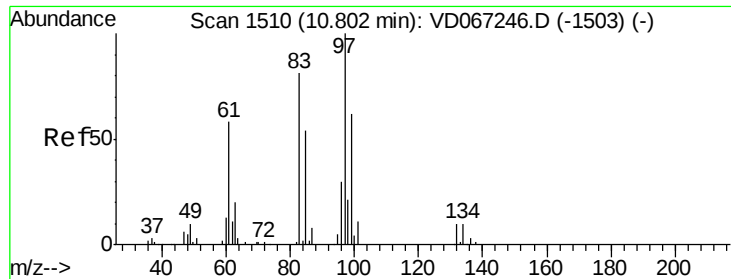
Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

39 44.1 33.7 50.5

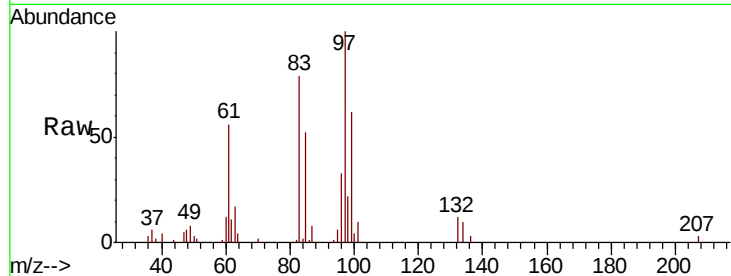




#55
 1,1,2-Trichloroethane
 Concen: 21.005 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

Tot Ion	97	Resp	51919
Ion	Ratio	Lower	Upper
97	100		
83	78.8	64.9	97.3
85	52.2	43.3	64.9
99	61.5	49.1	73.7



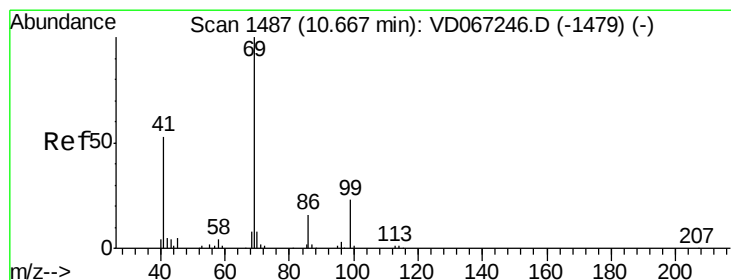
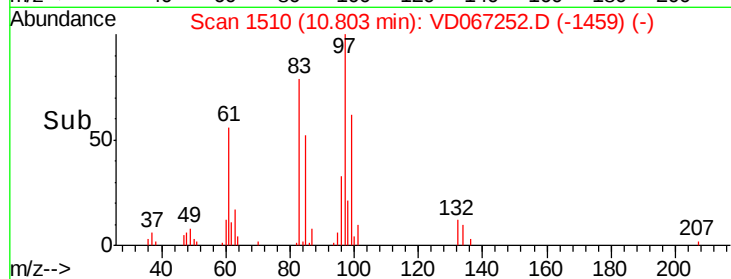
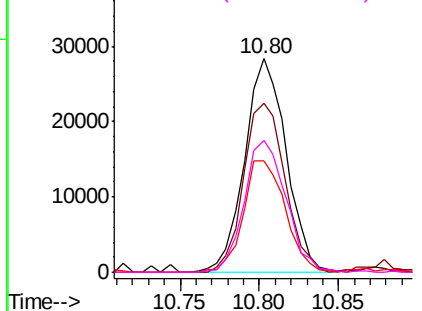
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

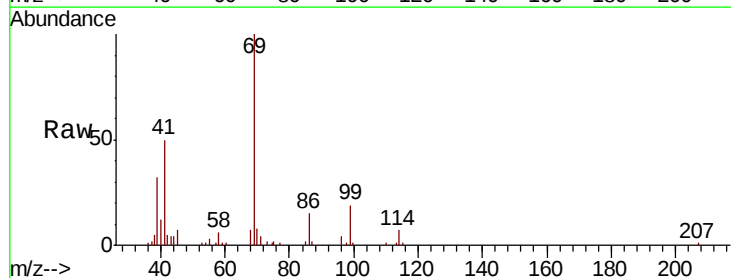
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 20.737 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion	69	Resp	53161
Ion	Ratio	Lower	Upper
69	100		
41	58.9	44.7	67.1
39	29.2	26.2	39.2

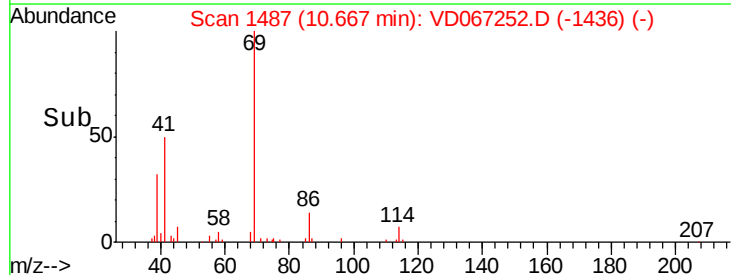
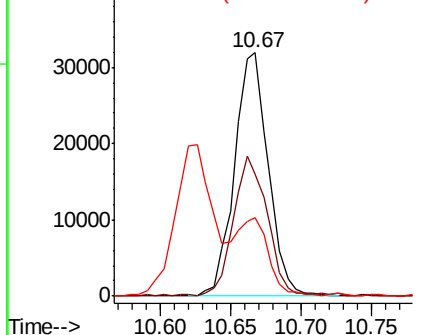


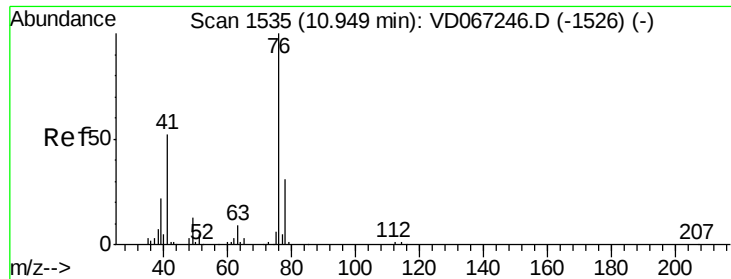
Abundance

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

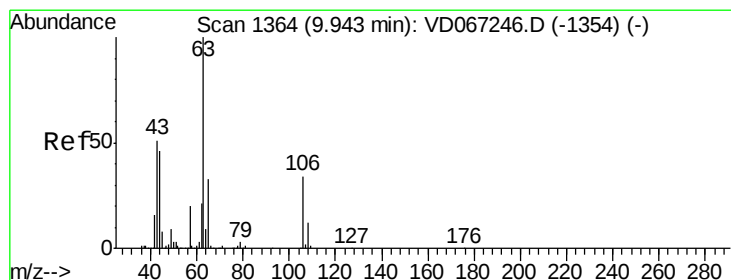
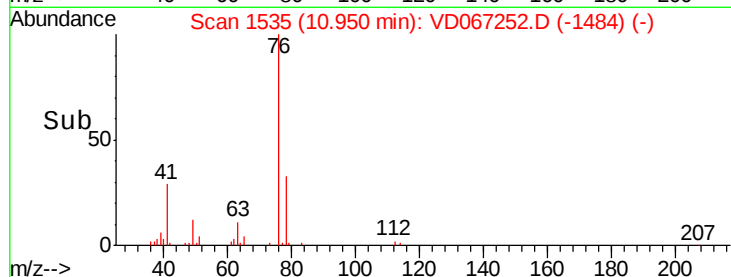
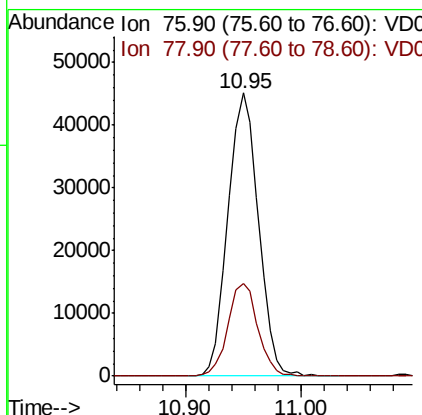
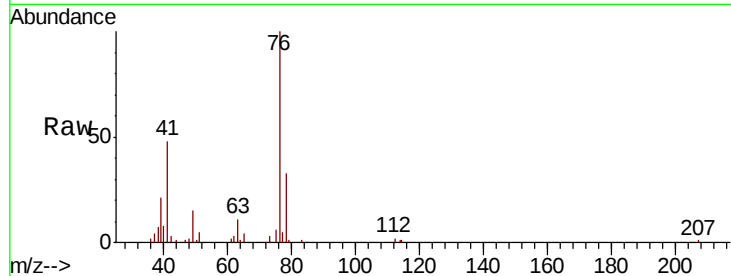




#57
 1,3-Dichloropropane
 Concen: 21.008 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

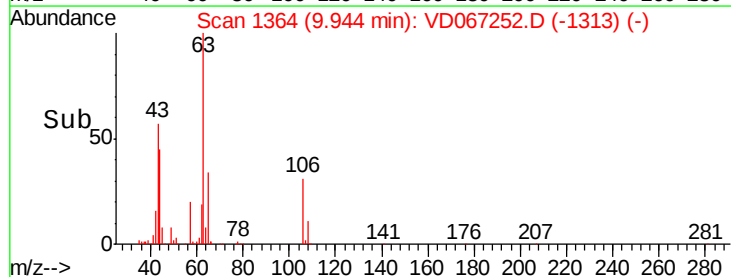
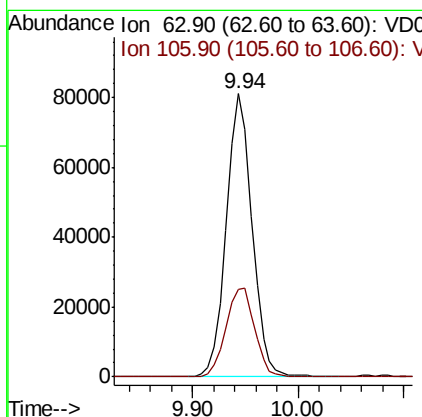
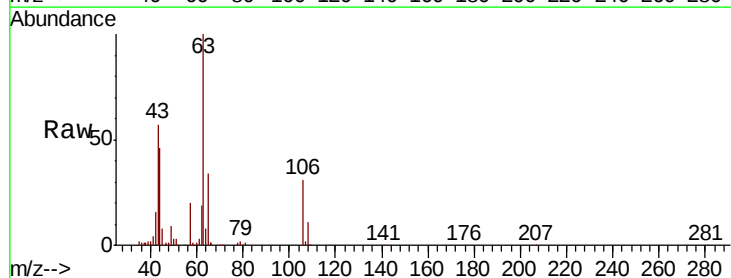
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

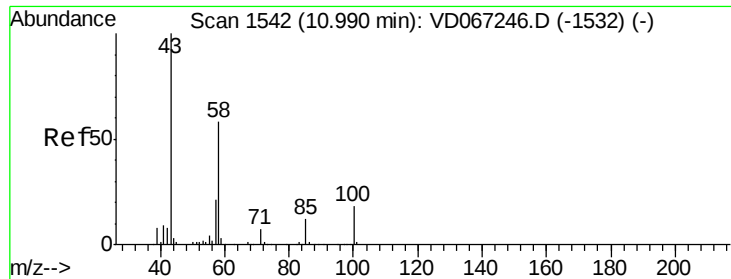
Tot Ion: 76 Resp: 82637
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.914 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 63 Resp: 136656
 Ion Ratio Lower Upper
 63 100
 106 34.8 27.8 41.6

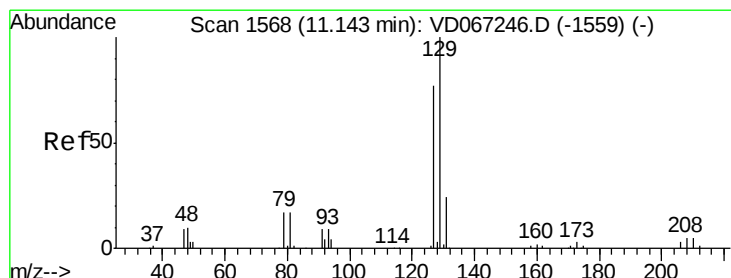
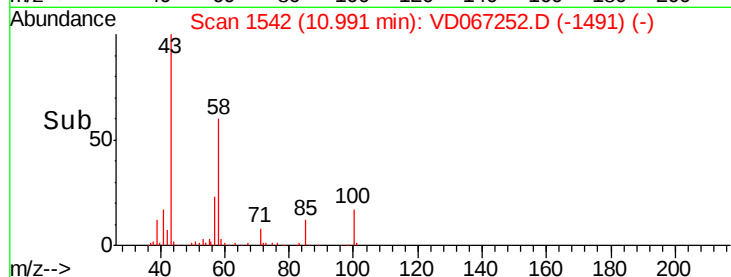
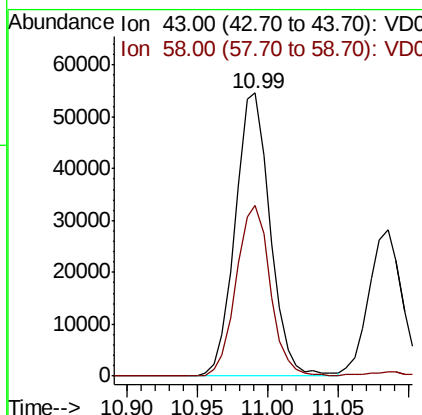
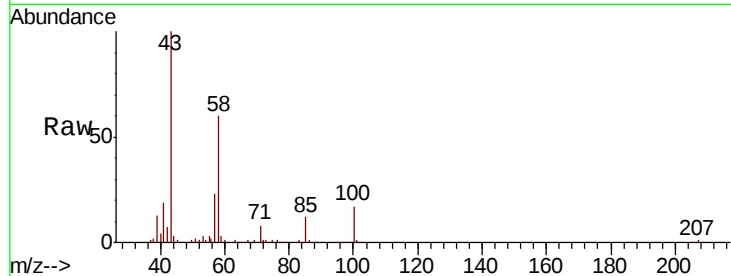




#59
2-Hexanone
Concen: 103.845 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

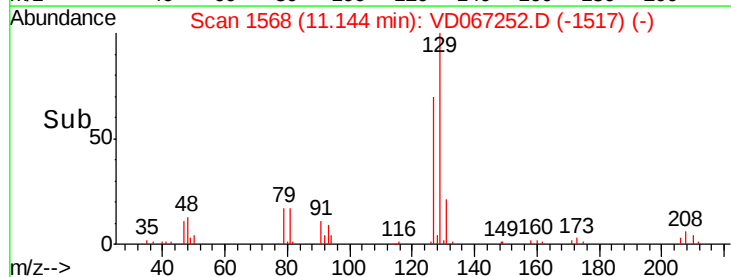
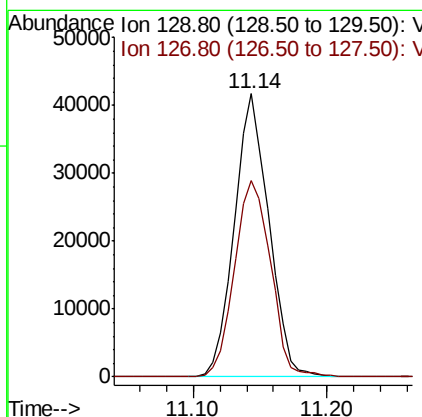
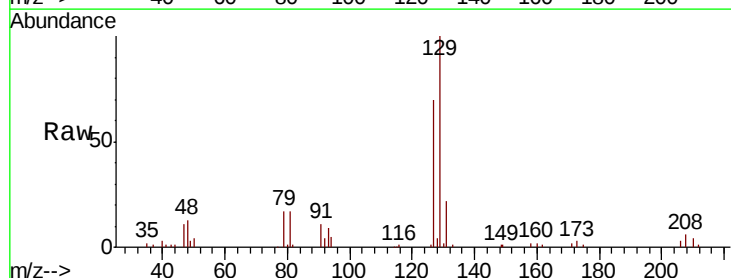
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

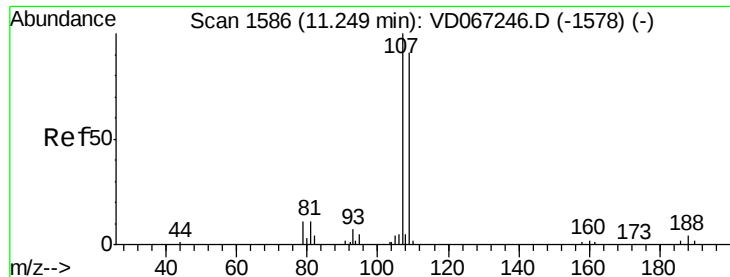
Tot Ion: 43 Resp: 94548
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 20.720 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 129 Resp: 74692
Ion Ratio Lower Upper
129 100
127 72.8 38.3 114.8

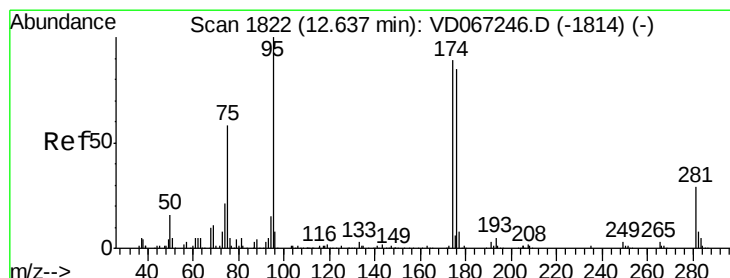
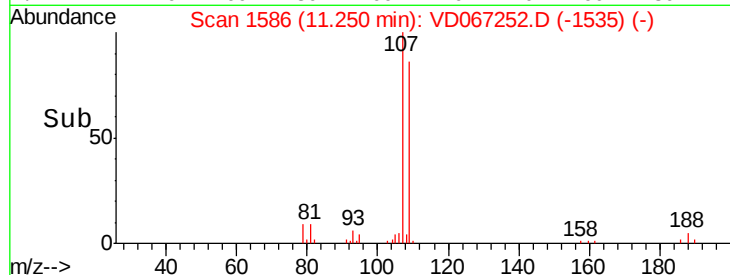
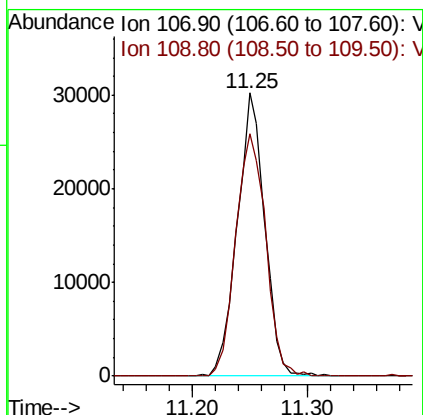
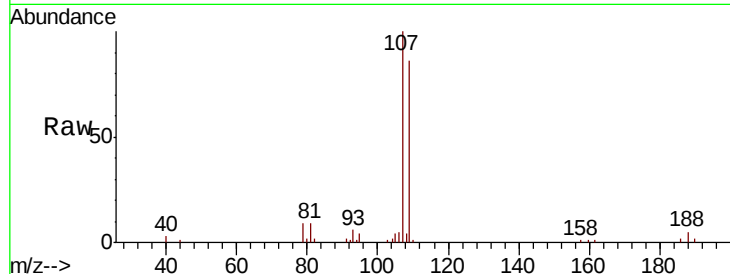




#61
 1,2-Dibromoethane
 Concen: 20.471 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

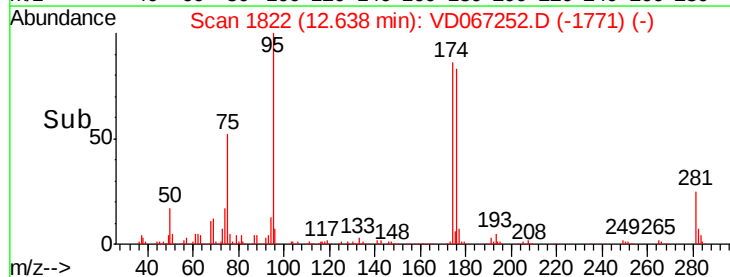
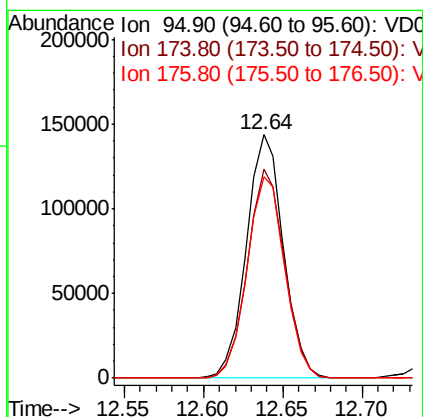
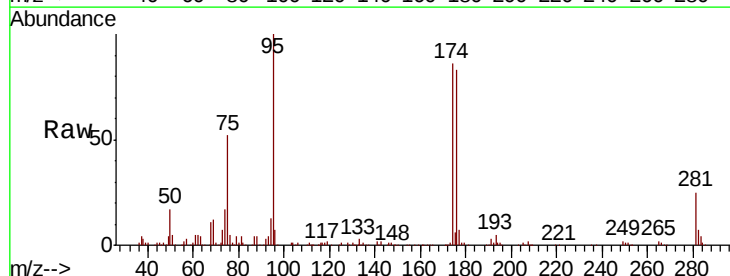
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

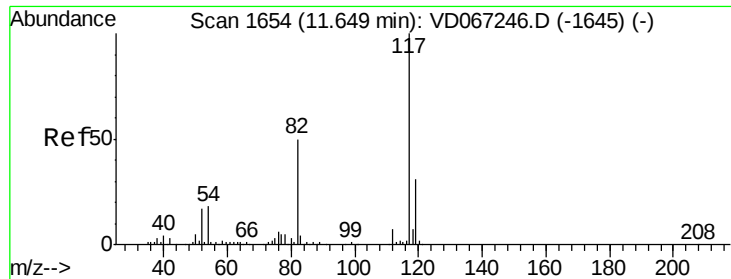
Tot Ion: 107 Resp: 49884
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.533 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 95 Resp: 232993
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 175.2
 176 84.2 0.0 168.6

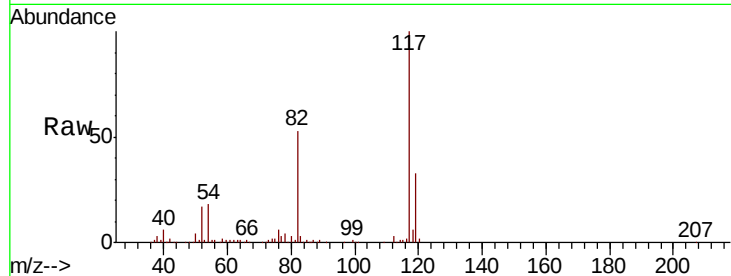




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	39.9	59.9
119	32.9	24.9	37.3

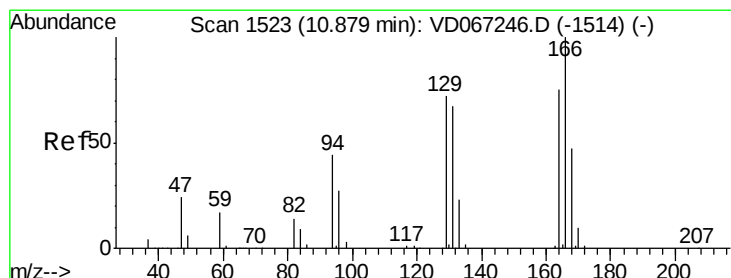
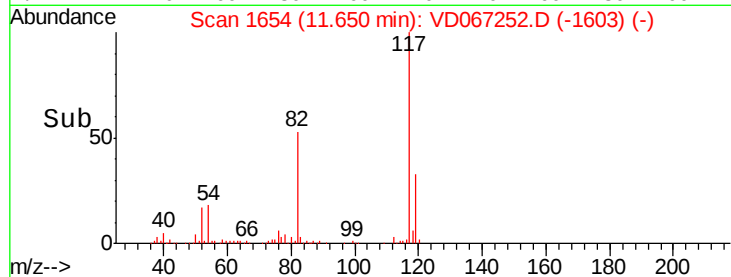
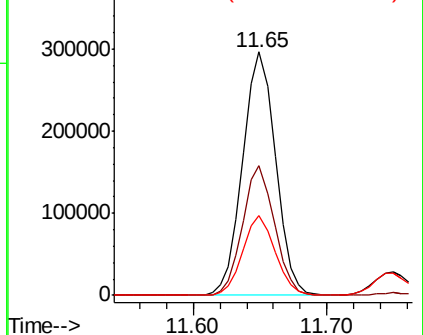


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.644 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.8	107.3	160.9
129	94.1	77.3	115.9
131	88.0	71.4	107.2

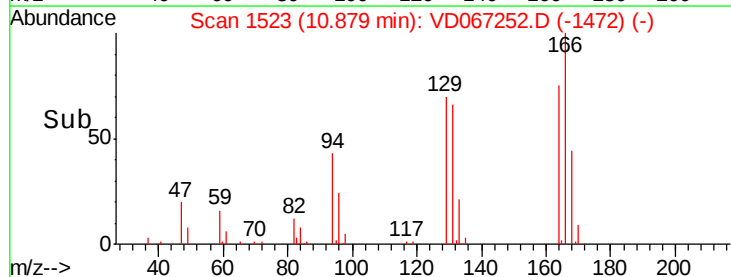
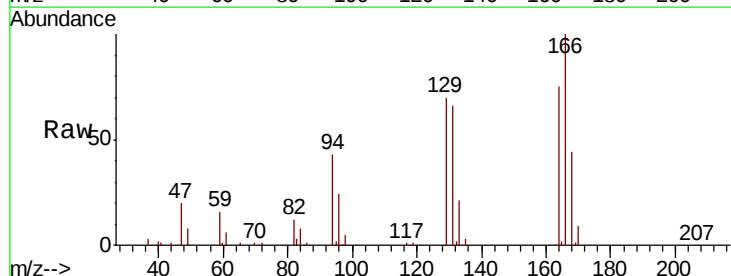
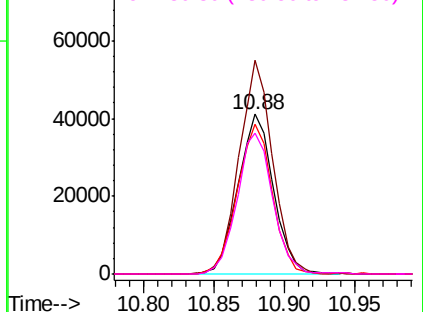
Abundance

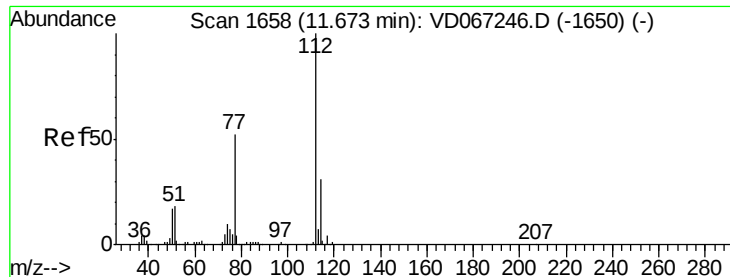
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.864 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

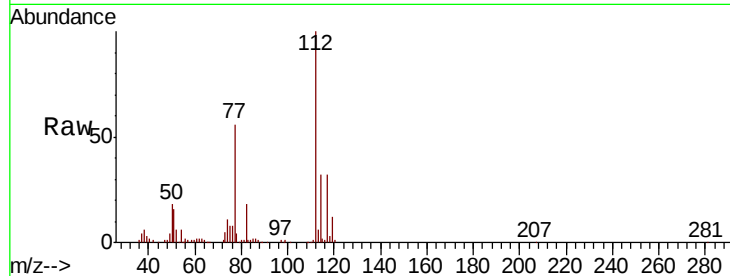
VD1013SBSD01

Tot Ion:112 Resp: 193168

Ion Ratio Lower Upper

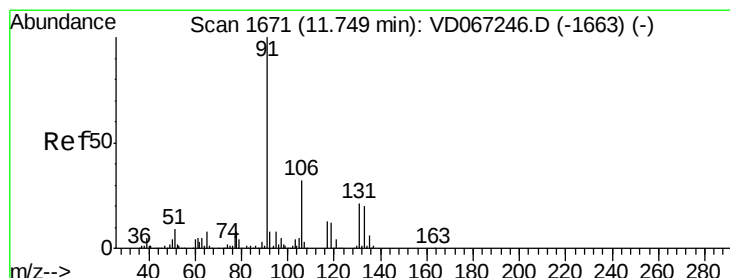
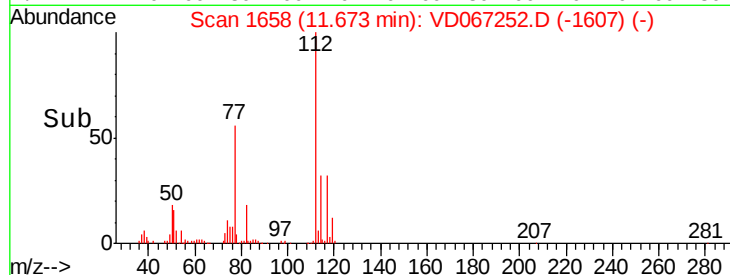
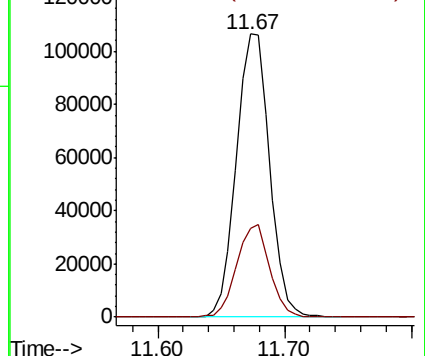
112 100

114 31.6 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.154 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

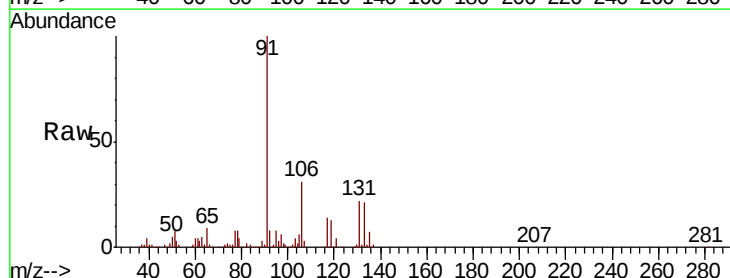
Tgt Ion:131 Resp: 77894

Ion Ratio Lower Upper

131 100

133 93.7 48.1 144.3

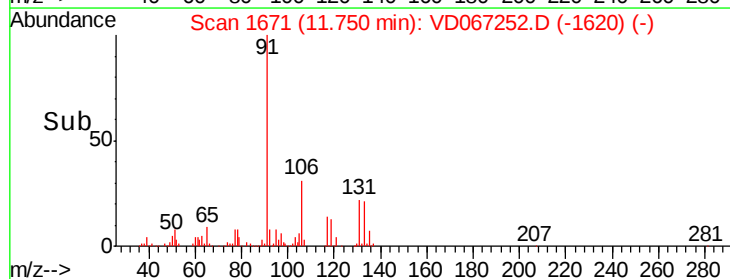
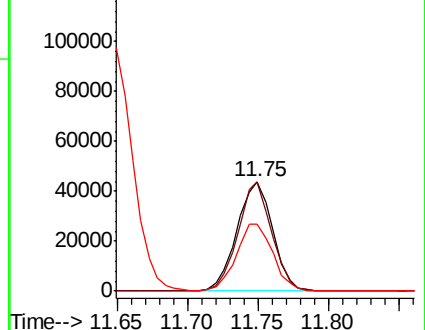
119 62.7 30.0 90.0

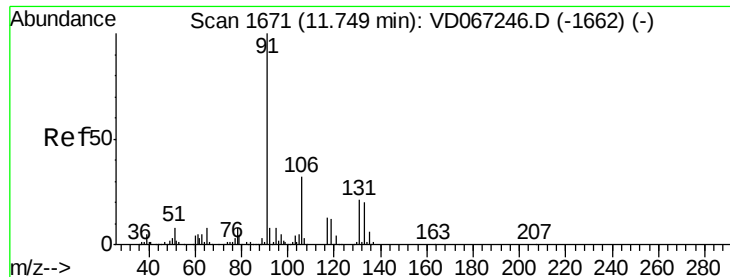


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

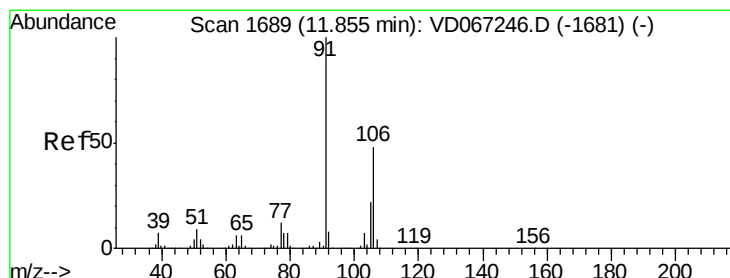
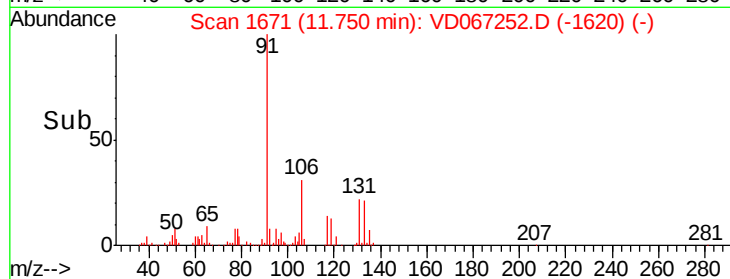
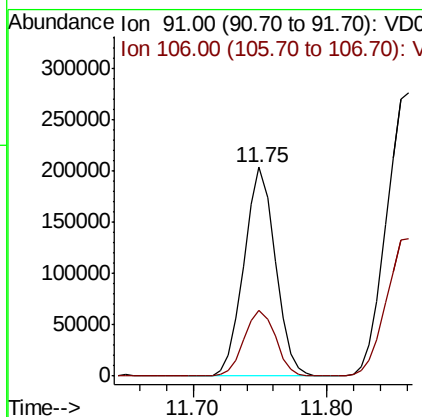
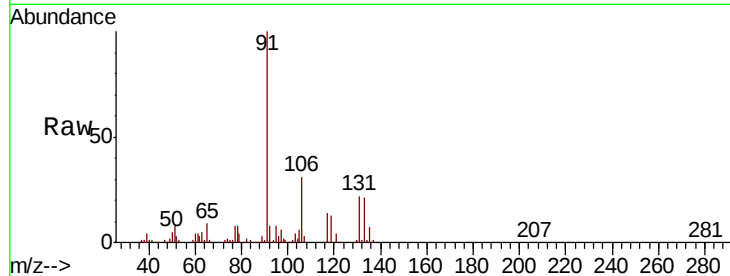




#67
Ethyl Benzene
Concen: 19.850 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

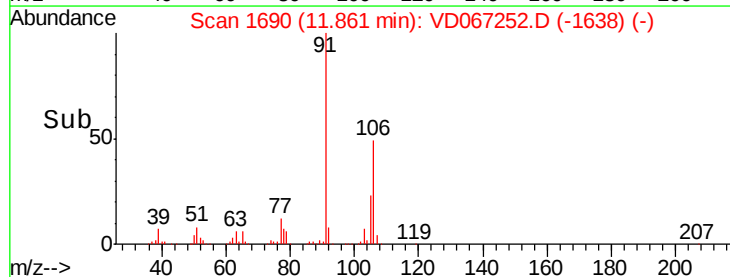
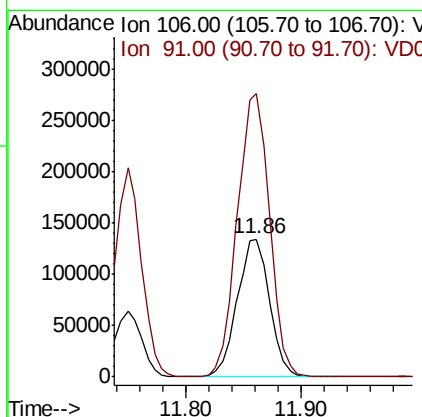
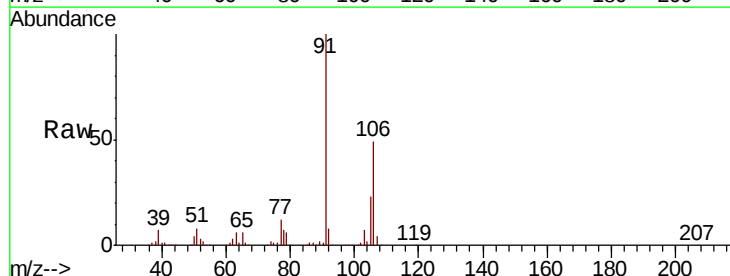
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

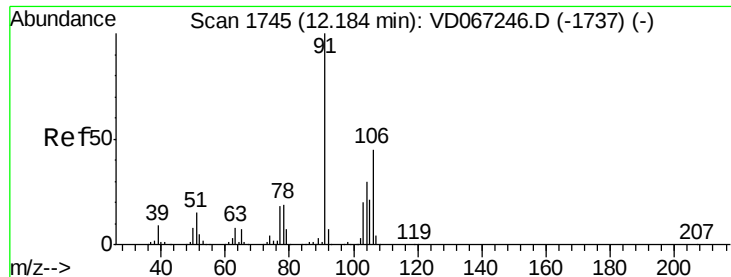
Tot Ion: 91 Resp: 330895
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 40.601 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 106 Resp: 260624
Ion Ratio Lower Upper
106 100
91 205.0 163.8 245.8

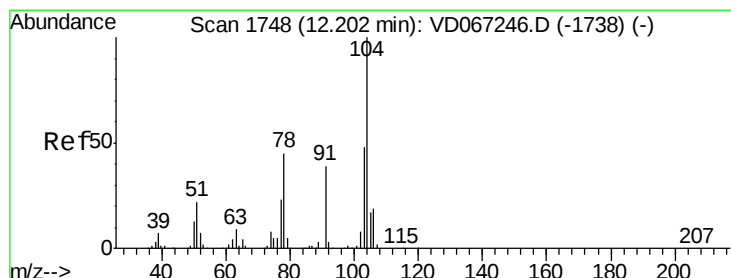
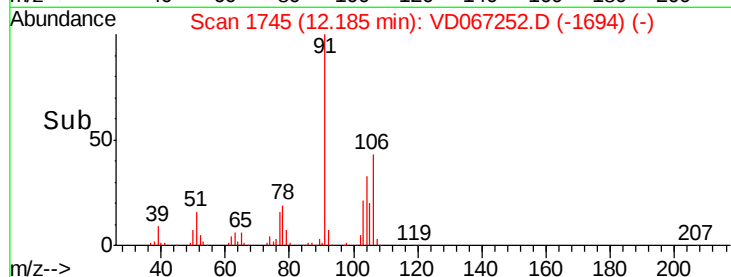
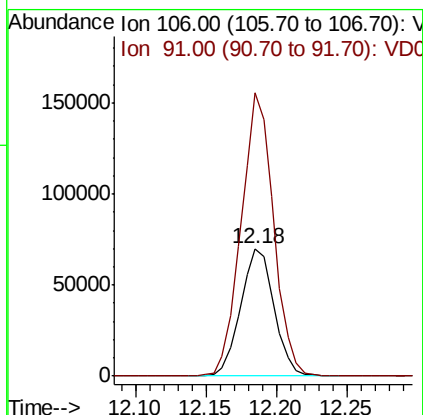
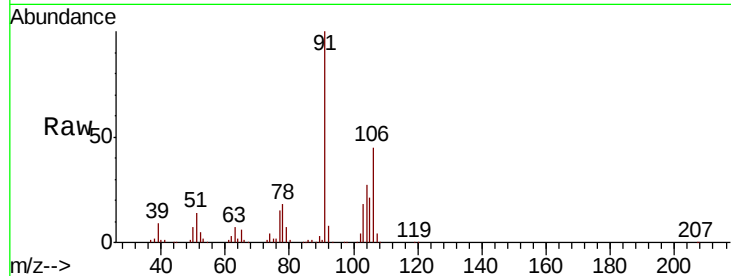




#69
o-Xylene
Concen: 19.508 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

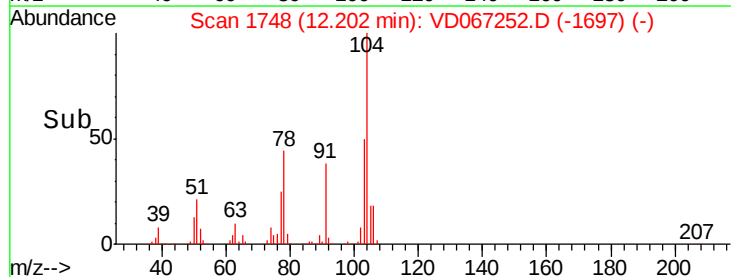
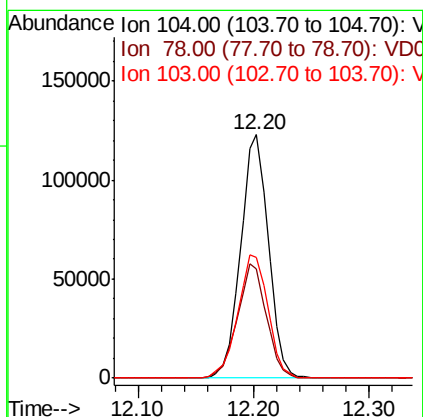
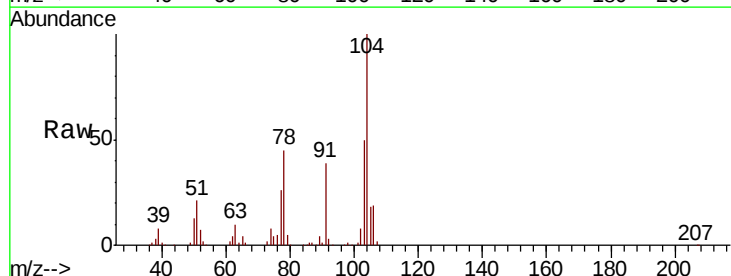
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

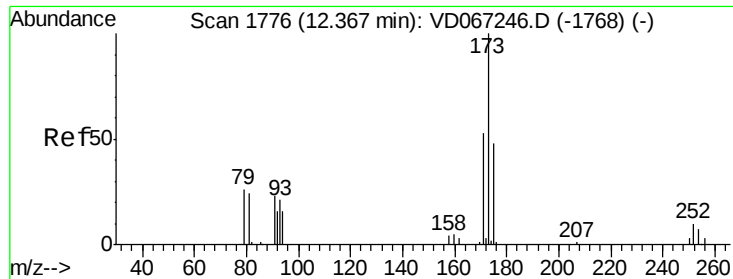
Tot Ion:106 Resp: 115962
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.3



#70
Styrene
Concen: 20.018 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion:104 Resp: 204832
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.6
103 55.1 42.6 64.0

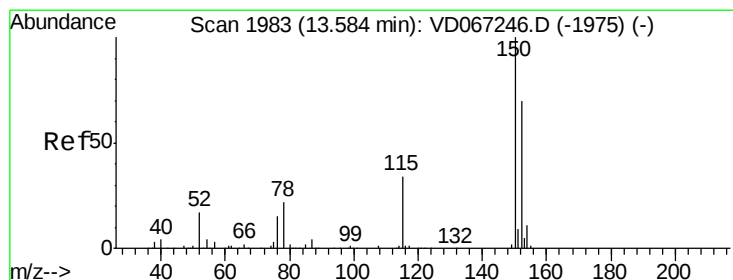
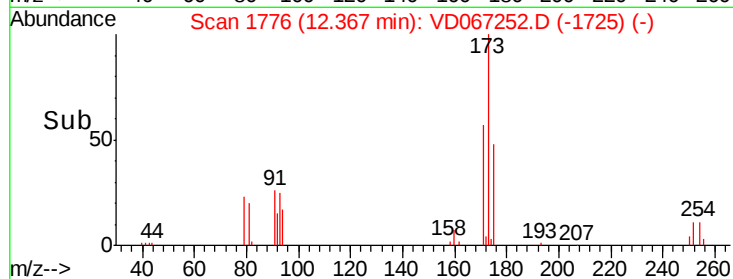
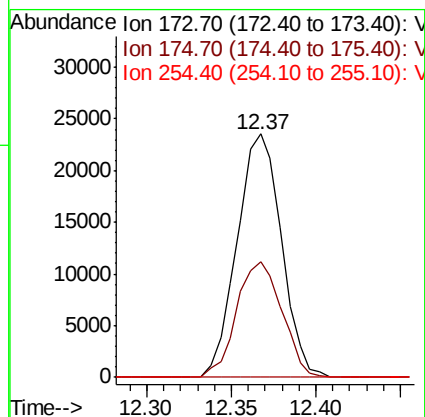
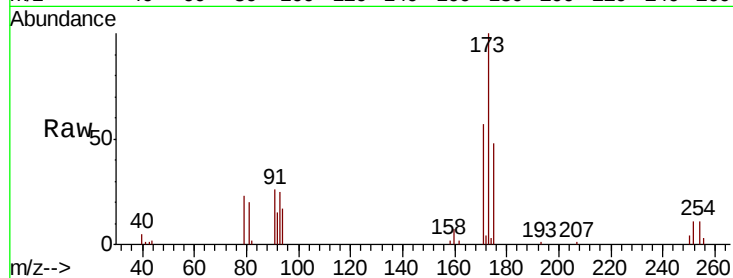




#71
Bromoform
Concen: 20.696 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

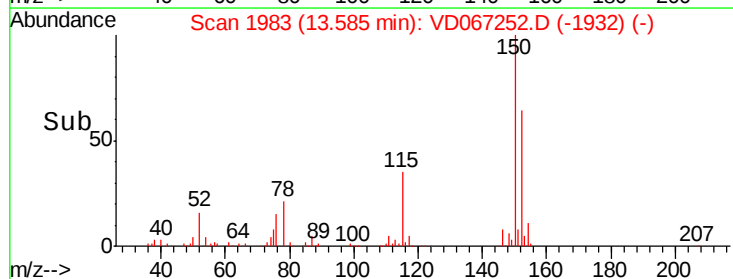
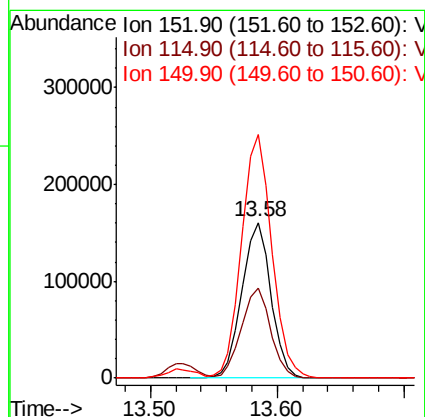
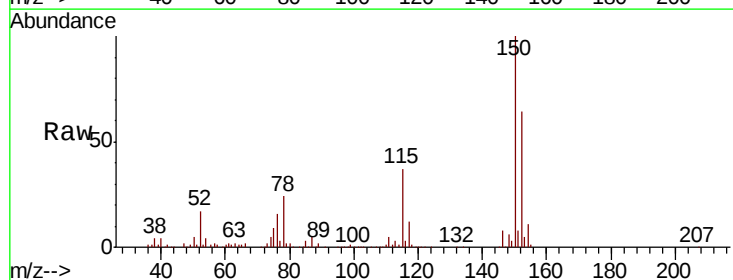
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

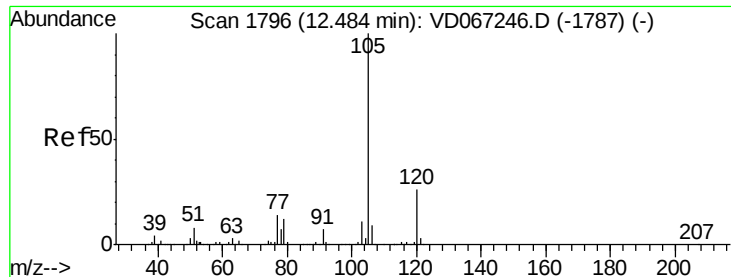
Tot Ion:173 Resp: 42972
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion:152 Resp: 255252
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 163.4 0.0 339.0





#73

Isopropylbenzene

Concen: 20.566 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

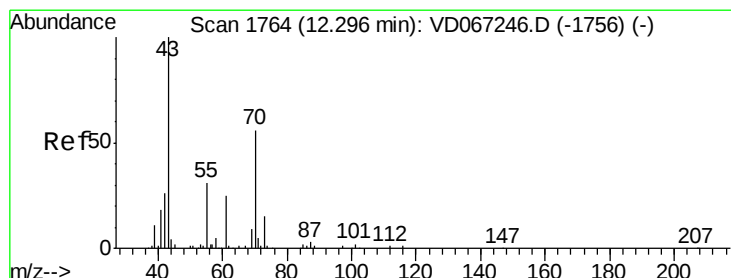
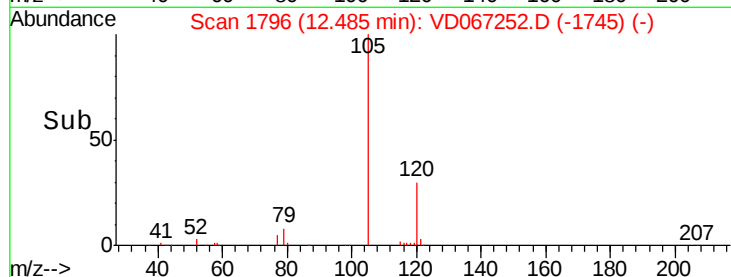
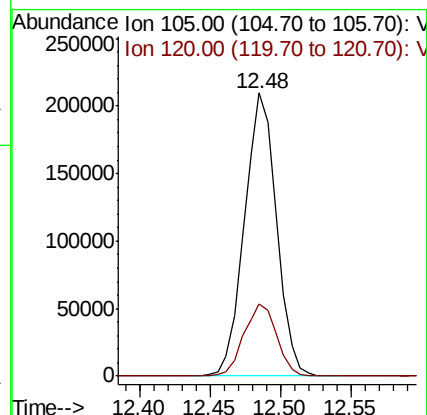
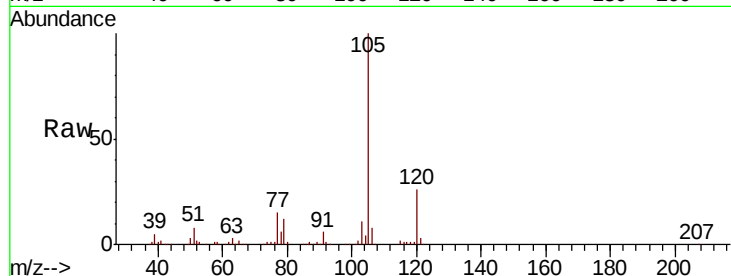
VD1013SBS01

Tot Ion:105 Resp: 333170

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 20.159 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Tgt Ion: 43 Resp: 49323

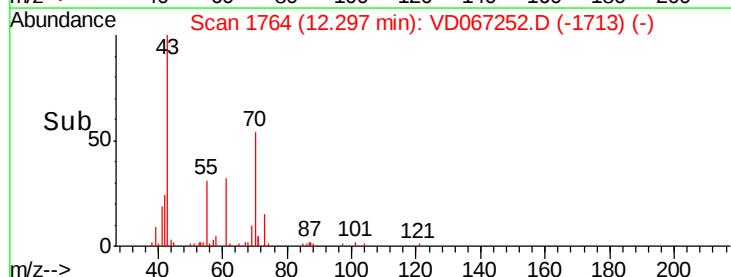
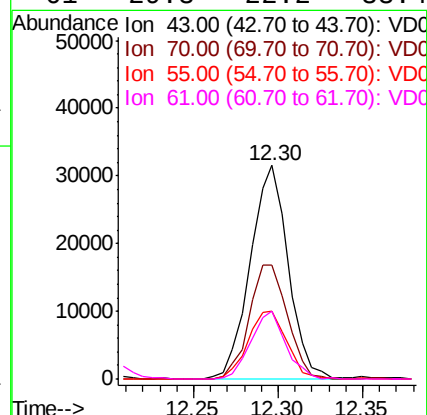
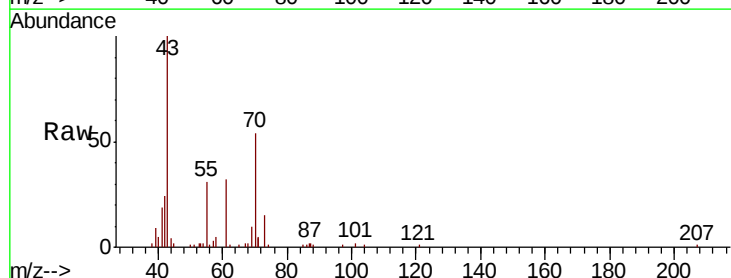
Ion Ratio Lower Upper

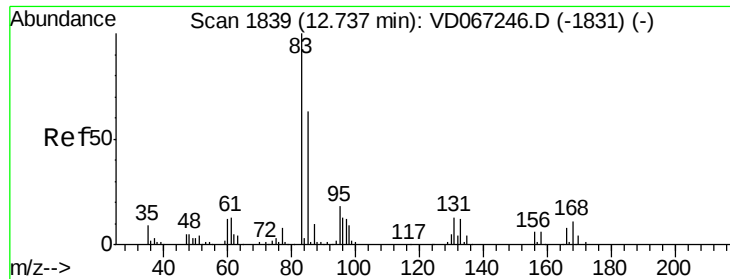
43 100

70 54.0 42.7 64.1

55 32.5 24.0 36.0

61 29.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.759 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBSD01

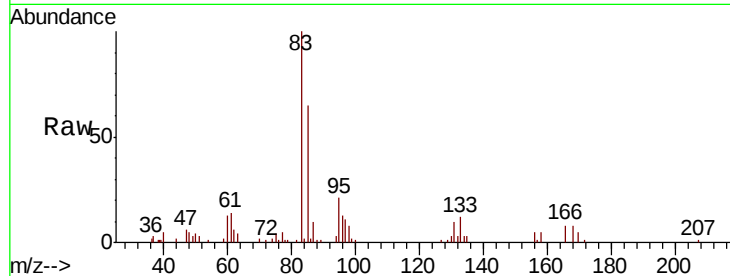
Tot Ion: 83 Resp: 51528

Ion Ratio Lower Upper

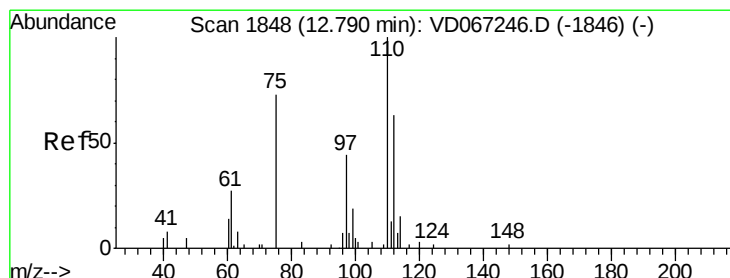
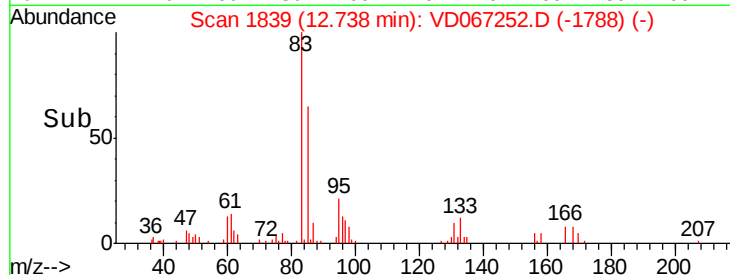
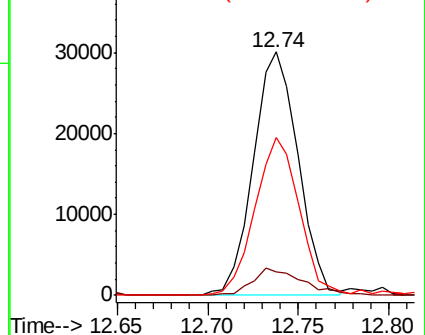
83 100

131 12.5 6.5 19.5

85 64.2 32.6 97.7



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: 38.539 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067252.D

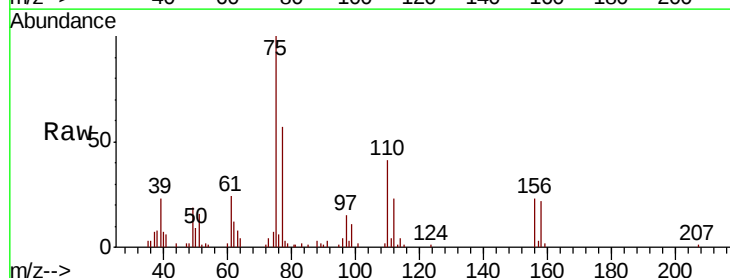
Acq: 13 Oct 2020 15:14

Tgt Ion: 75 Resp: 68181

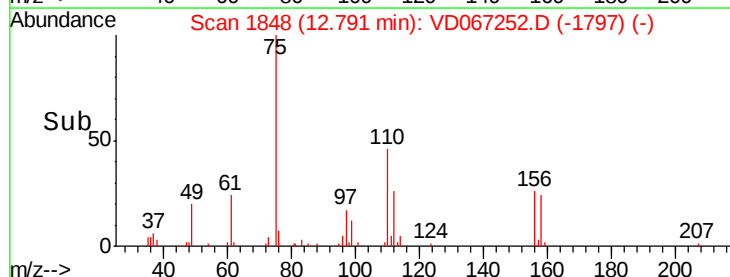
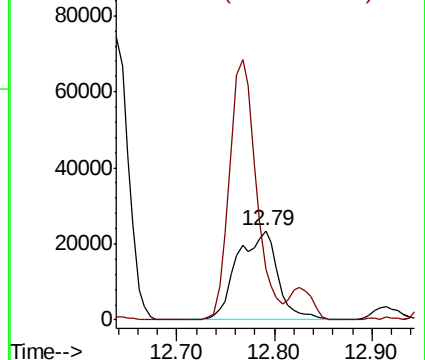
Ion Ratio Lower Upper

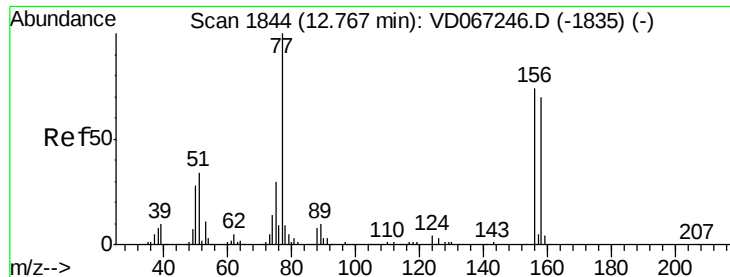
75 100

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: 20.478 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBSD01

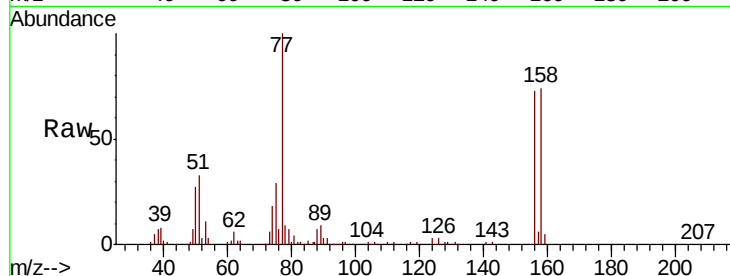
Tot Ion:156 Resp: 82706

Ion Ratio Lower Upper

156 100

77 159.1 78.0 233.8

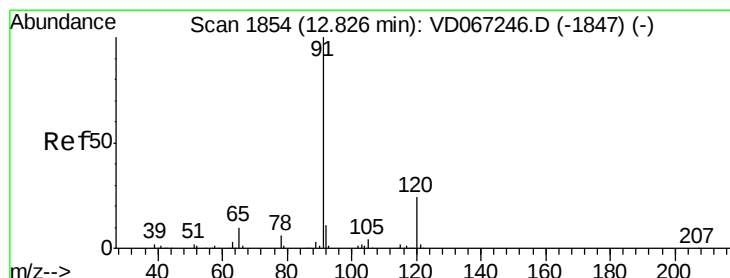
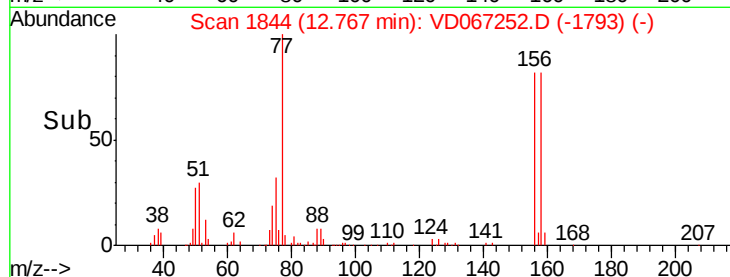
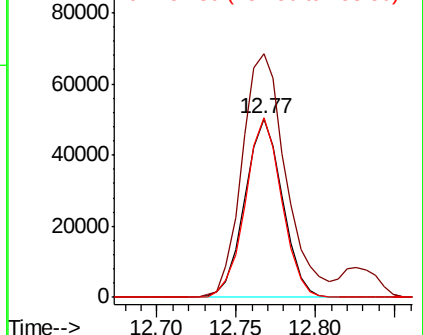
158 97.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.425 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067252.D

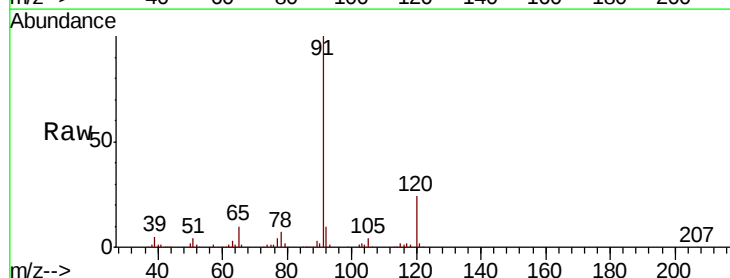
Acq: 13 Oct 2020 15:14

Tgt Ion: 91 Resp: 383381

Ion Ratio Lower Upper

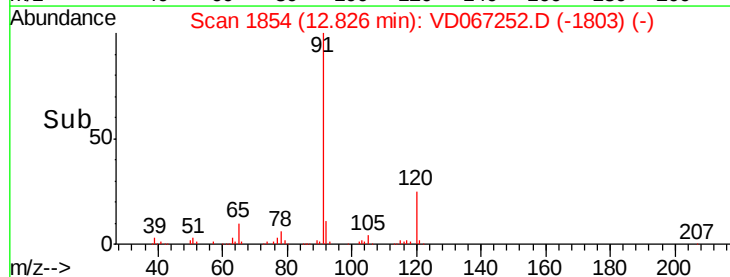
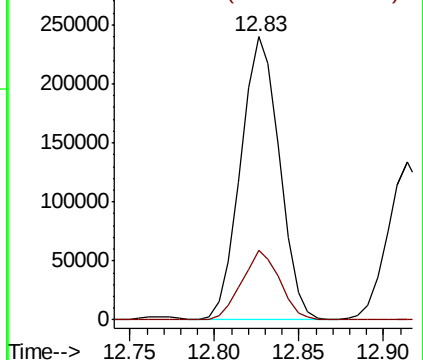
91 100

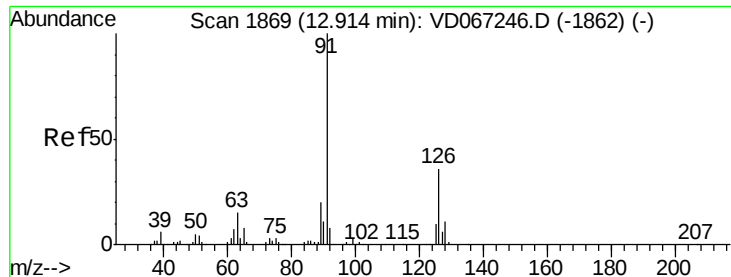
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.101 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

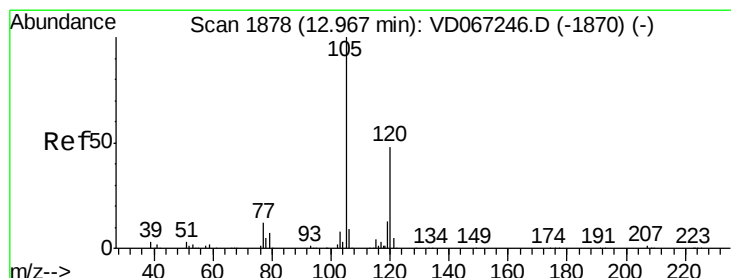
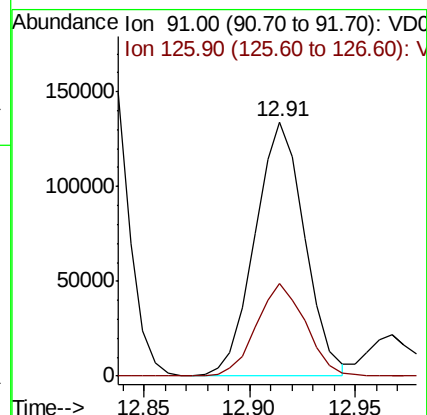
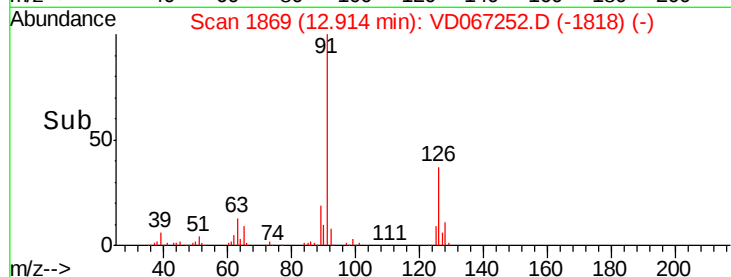
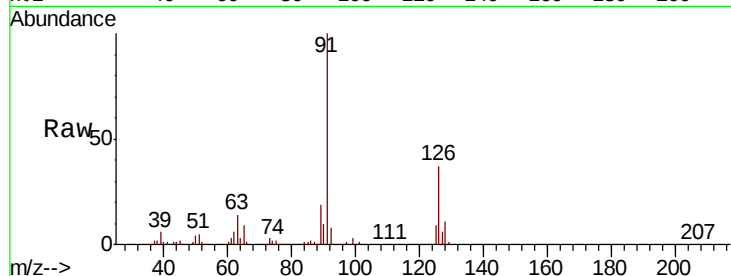
VD1013SBS01

Tot Ion: 91 Resp: 218802

Ion Ratio Lower Upper

91 100

126 36.1 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.461 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067252.D

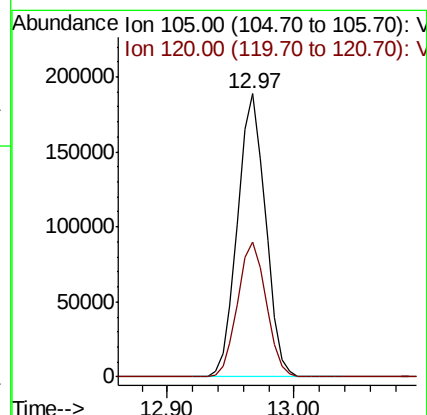
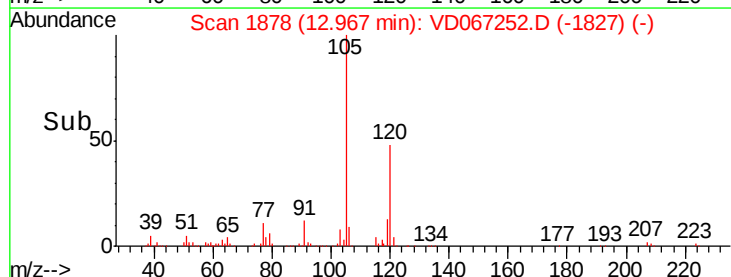
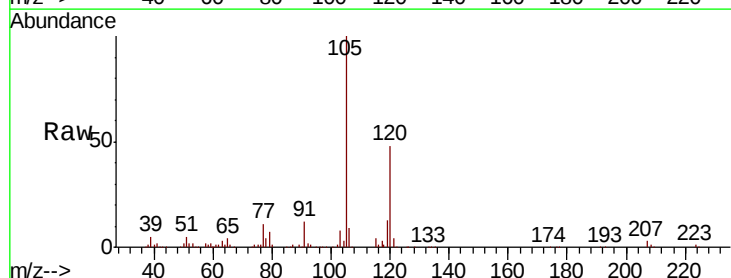
Acq: 13 Oct 2020 15:14

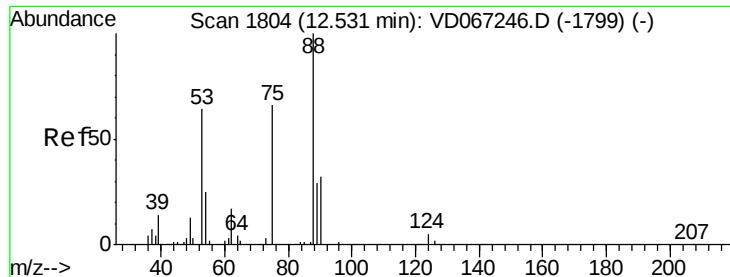
Tgt Ion:105 Resp: 288044

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.059 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBSD01

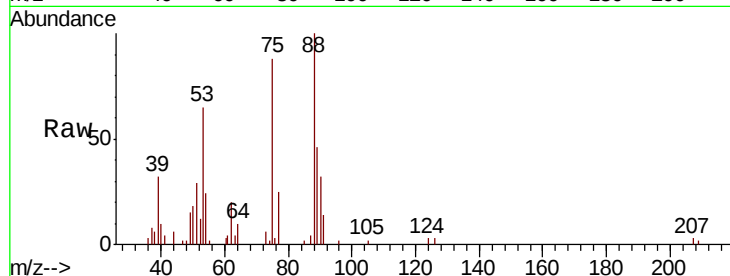
Tot Ion: 75 Resp: 15649

Ion Ratio Lower Upper

75 100

53 96.7 78.5 117.7

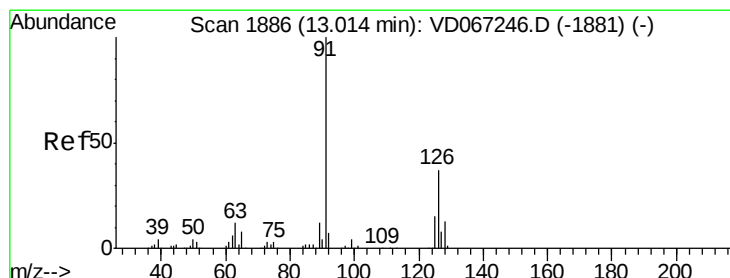
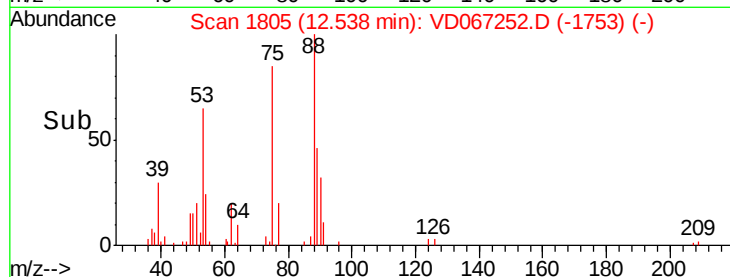
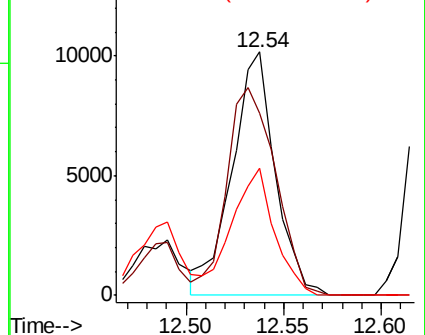
89 51.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.728 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067252.D

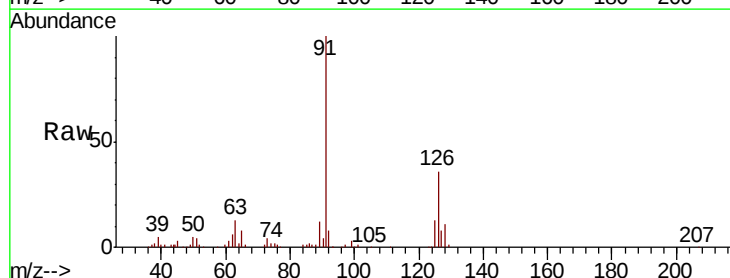
Acq: 13 Oct 2020 15:14

Tgt Ion: 91 Resp: 239465

Ion Ratio Lower Upper

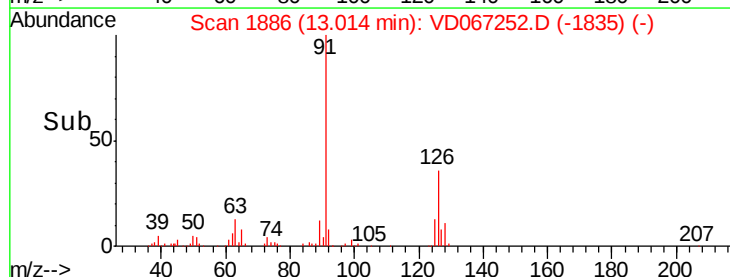
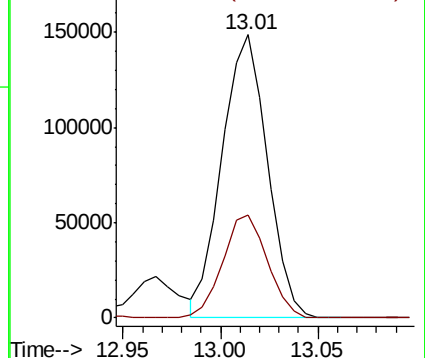
91 100

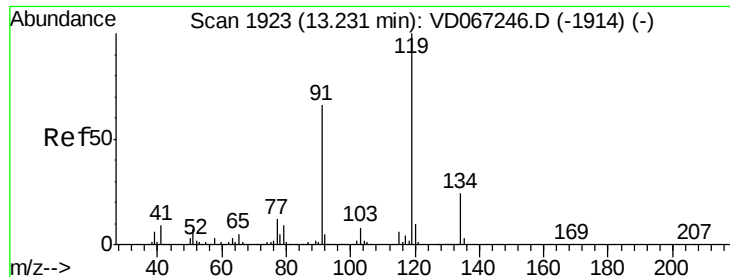
126 35.8 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

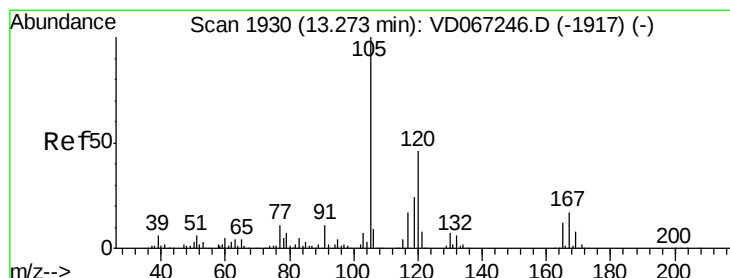
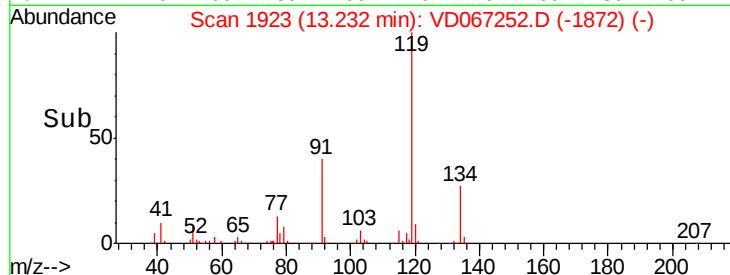
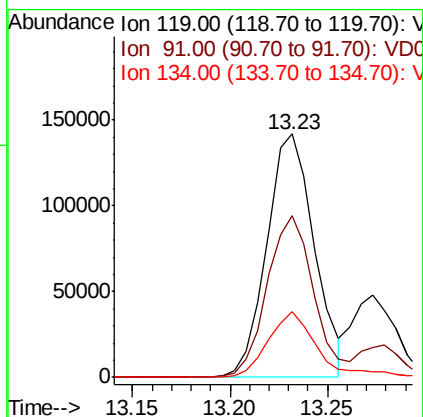
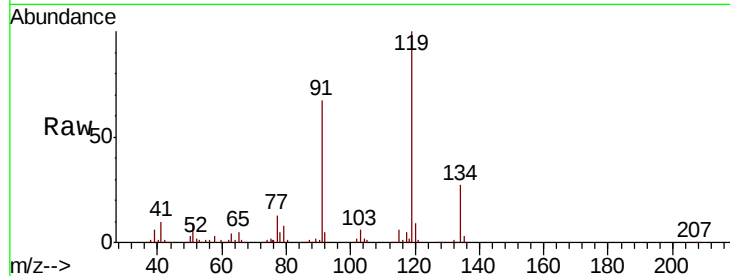




#83
tert-Butylbenzene
Concen: 20.131 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

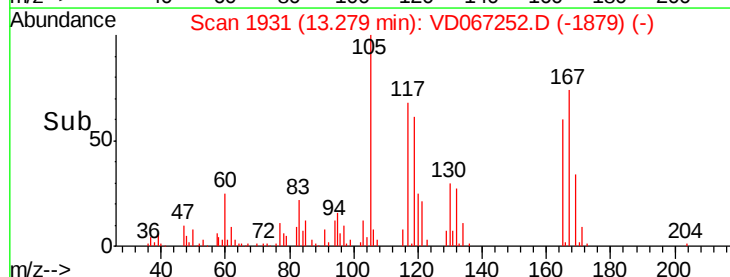
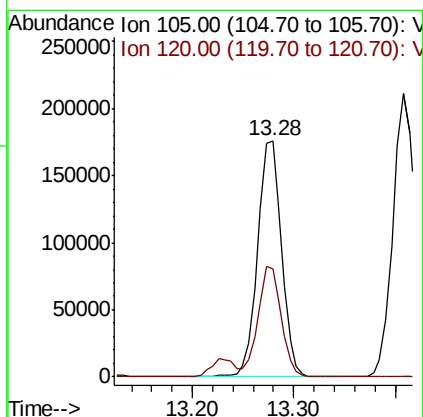
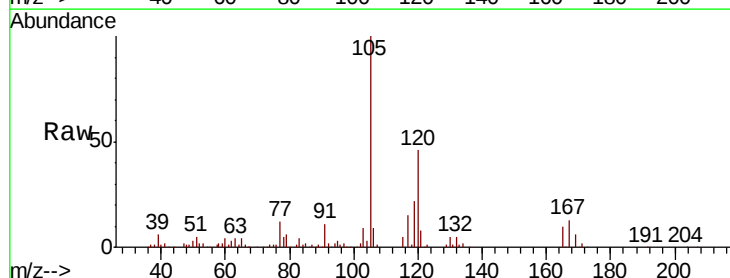
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

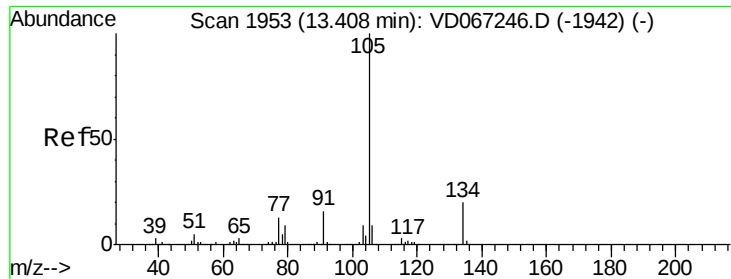
Tot Ion:119 Resp: 239387
Ion Ratio Lower Upper
119 100
91 65.3 33.1 99.2
134 28.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.785 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion:105 Resp: 289208
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.101 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

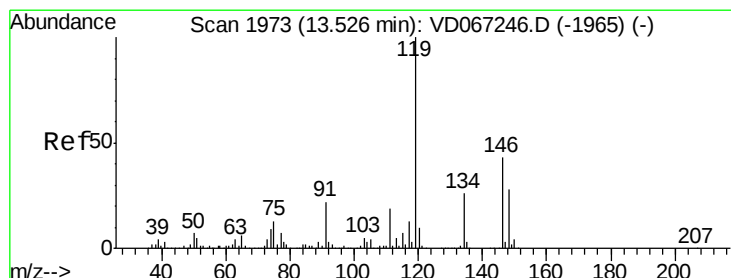
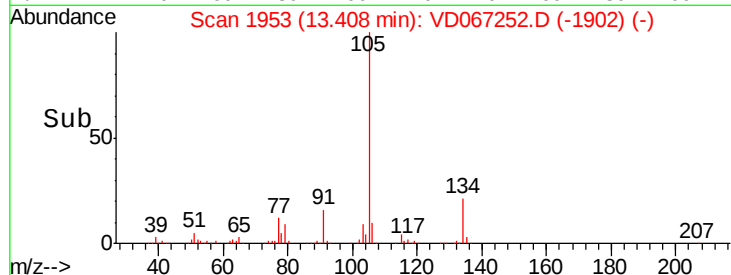
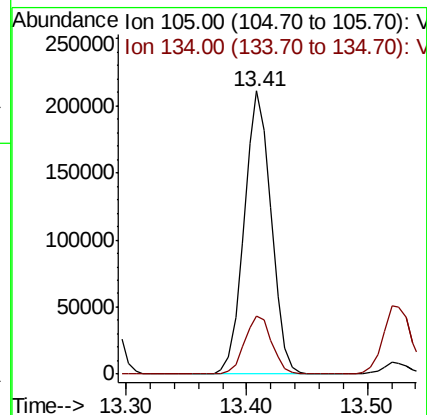
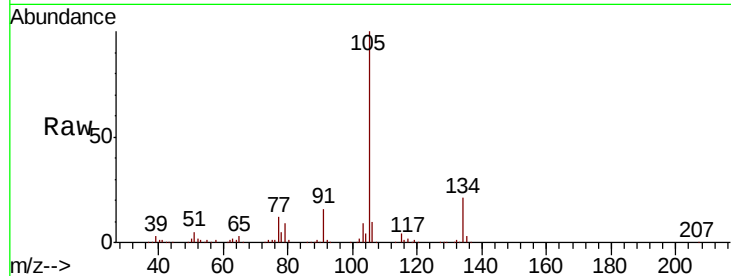
VD1013SBSD01

Tot Ion:105 Resp: 327992

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 19.866 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067252.D

Acq: 13 Oct 2020 15:14

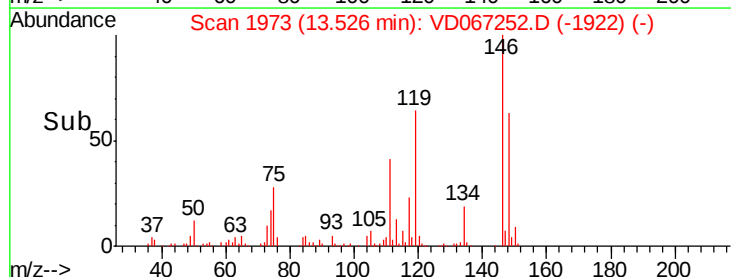
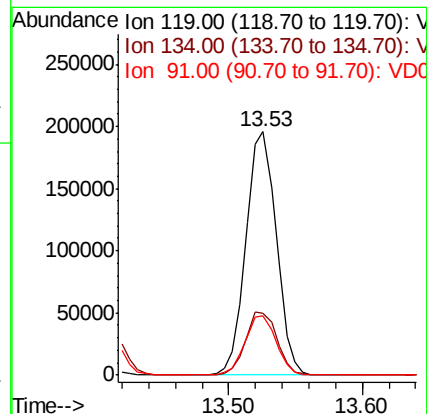
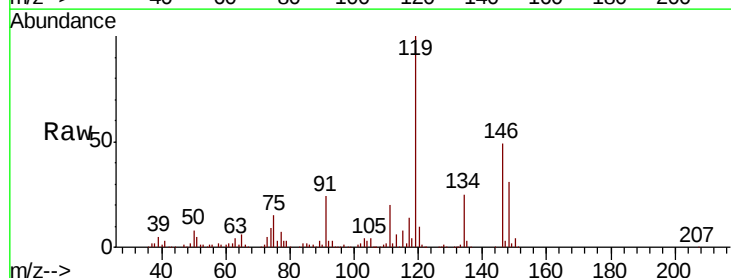
Tgt Ion:119 Resp: 305964

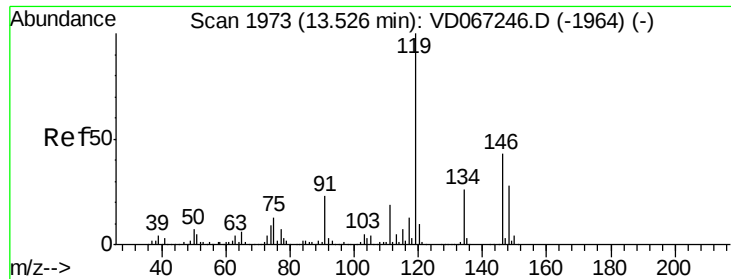
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 25.2 11.9 35.9

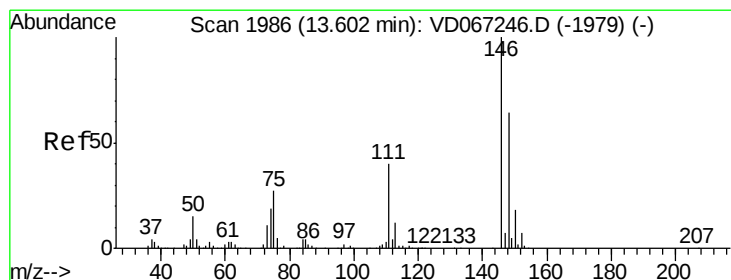
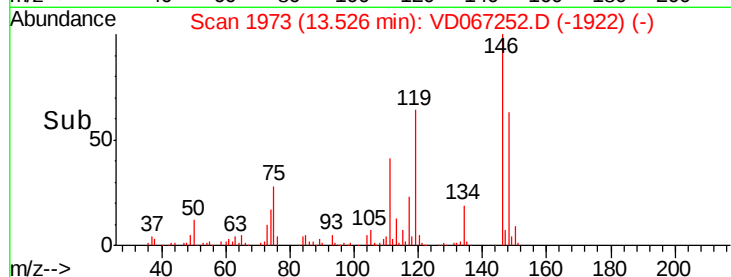
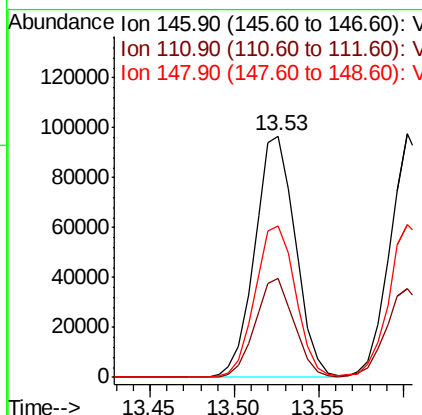
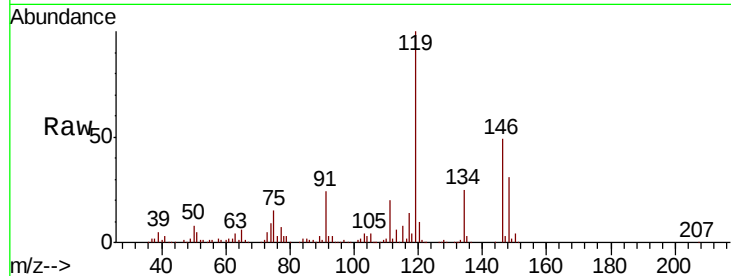




#87
 1,3-Dichlorobenzene
 Concen: 20.797 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

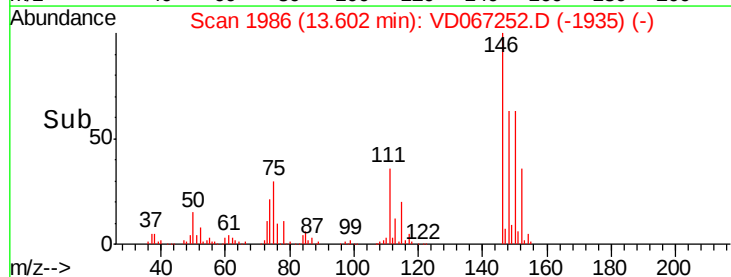
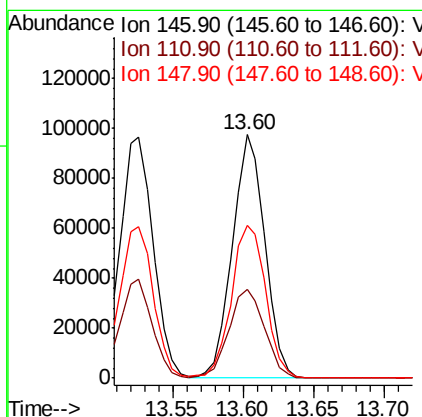
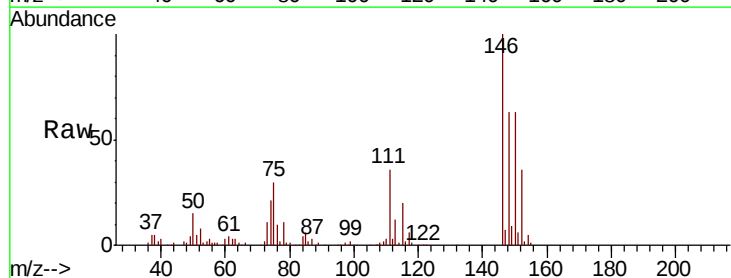
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

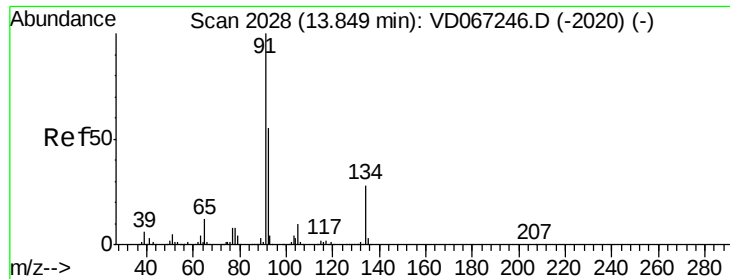
Tot Ion:146 Resp: 161672
 Ion Ratio Lower Upper
 146 100
 111 39.4 21.1 63.3
 148 62.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.356 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion:146 Resp: 156783
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 65.9 31.9 95.9

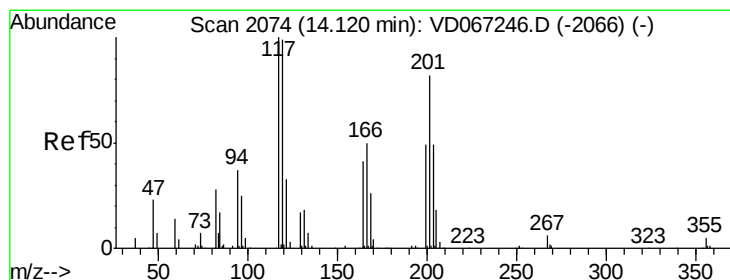
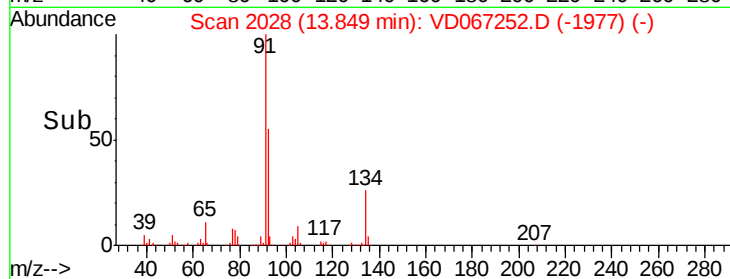
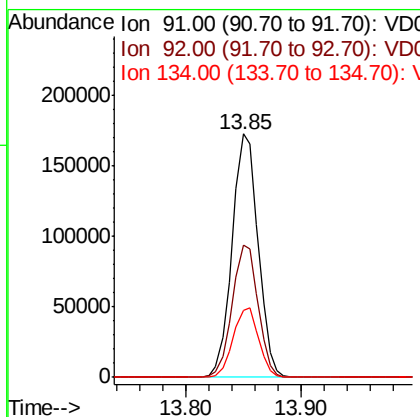
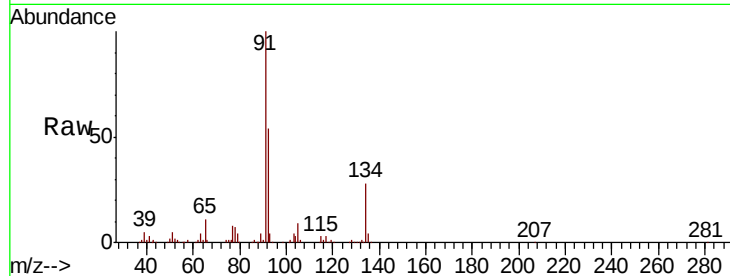




#89
n-Butylbenzene
Concen: 19.861 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

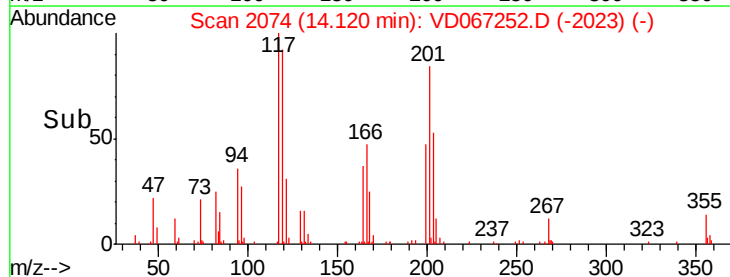
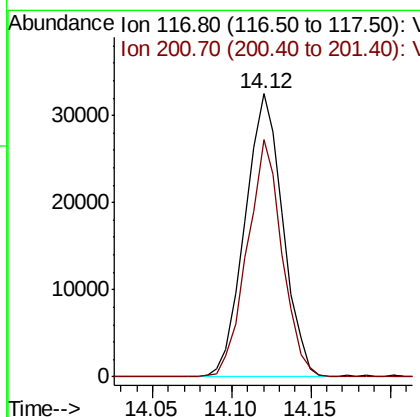
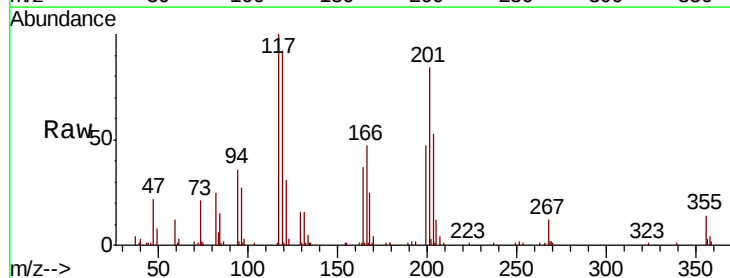
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

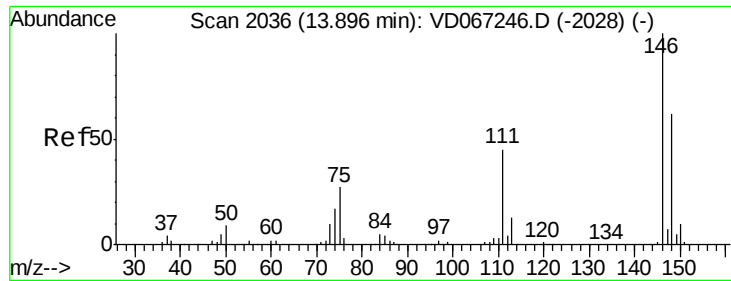
Tot Ion: 91 Resp: 269093
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.0
134 28.2 14.2 42.6



#90
Hexachloroethane
Concen: 20.048 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion: 117 Resp: 53882
Ion Ratio Lower Upper
117 100
201 77.5 40.8 122.2

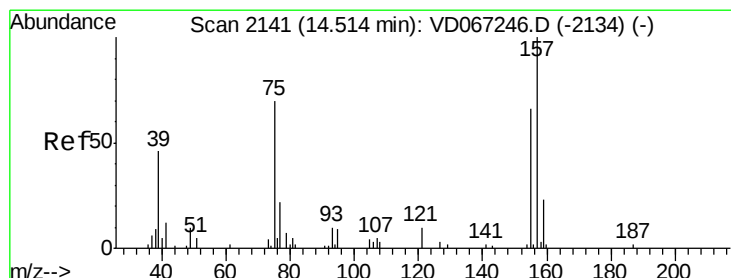
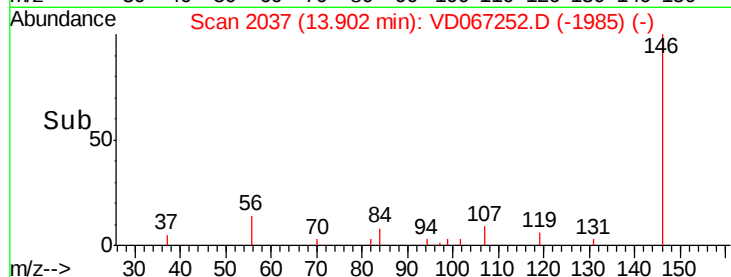
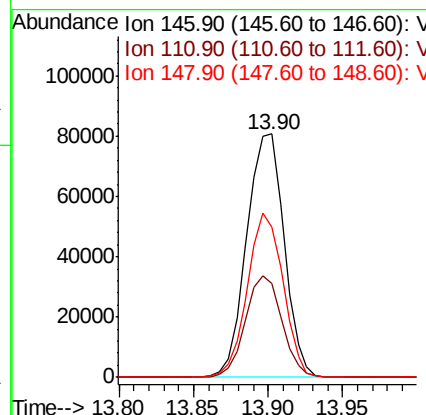
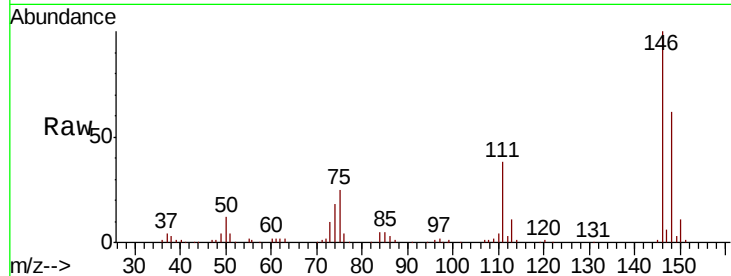




#91
 1,2-Dichlorobenzene
 Concen: 20.690 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

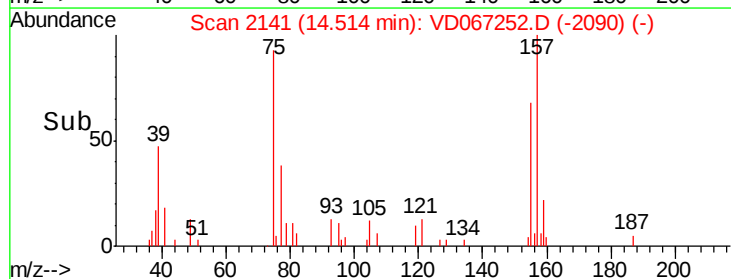
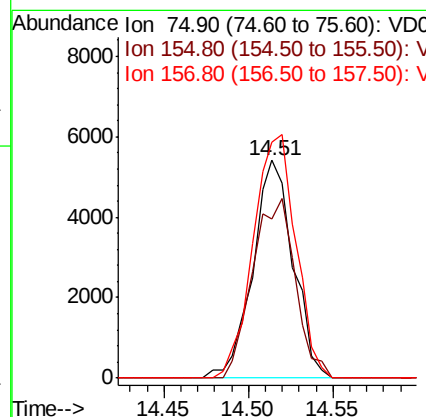
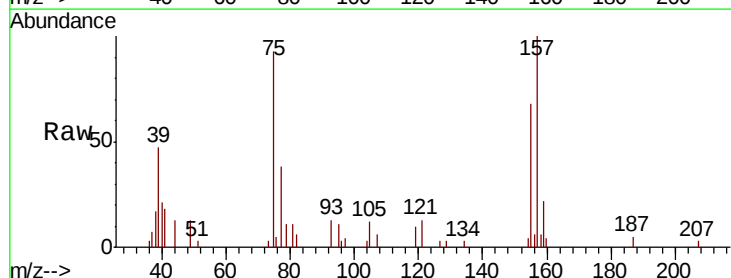
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

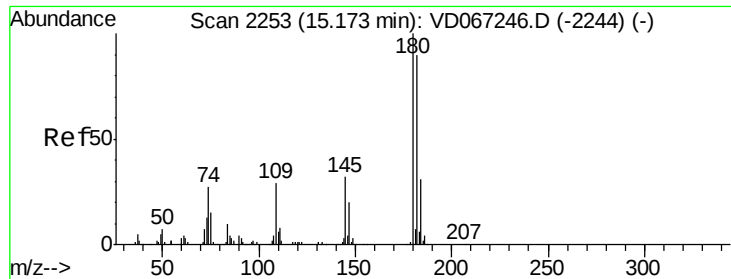
Tot Ion:146 Resp: 140506
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.0 66.0
 148 64.1 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.073 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion: 75 Resp: 9052
 Ion Ratio Lower Upper
 75 100
 155 86.7 44.8 134.4
 157 117.1 62.5 187.4

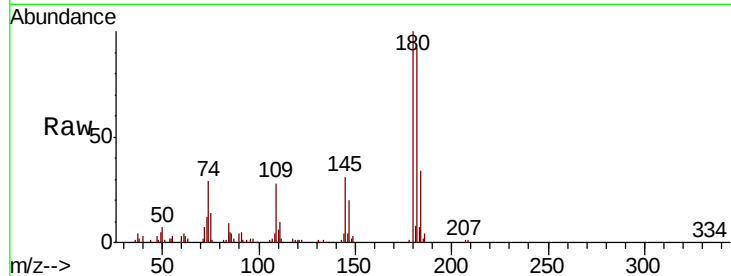




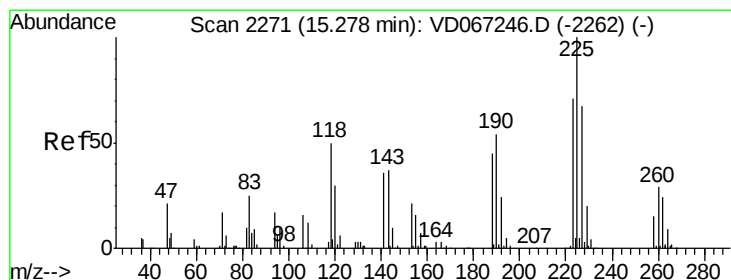
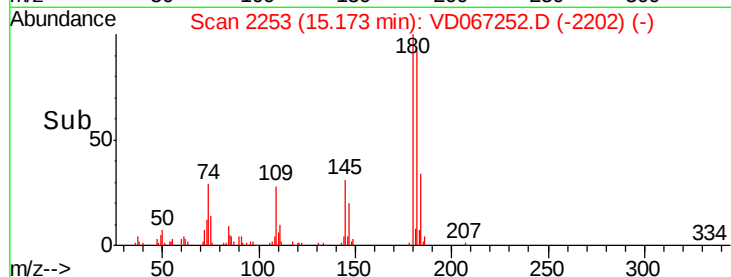
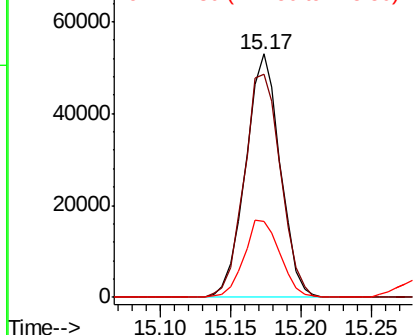
#93
 1,2,4-Trichlorobenzene
 Concen: 19.885 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.1	144.4
145	33.0	16.3	48.9

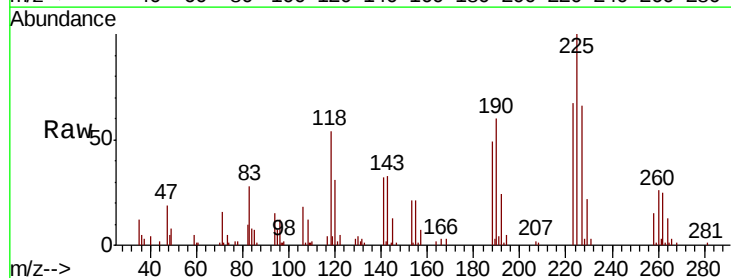


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

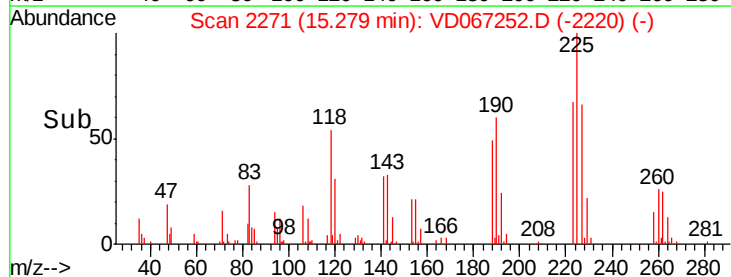
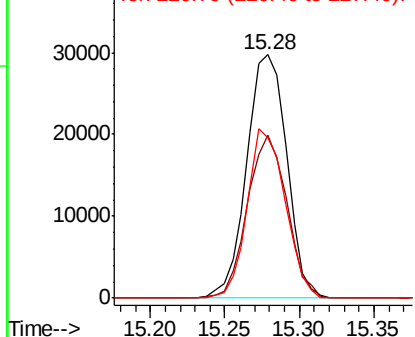


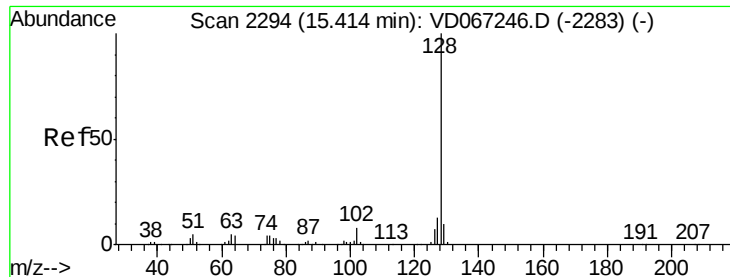
#94
 Hexachlorobutadiene
 Concen: 19.432 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067252.D
 Acq: 13 Oct 2020 15:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.9	95.7
227	65.5	31.2	93.6



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

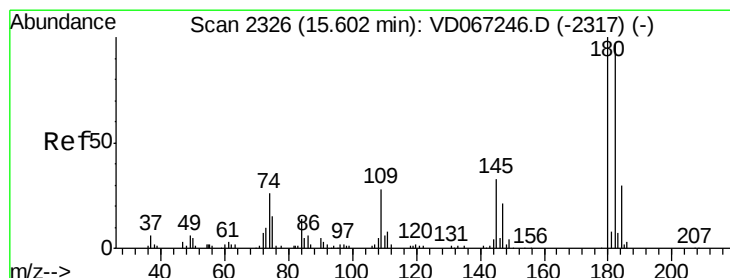
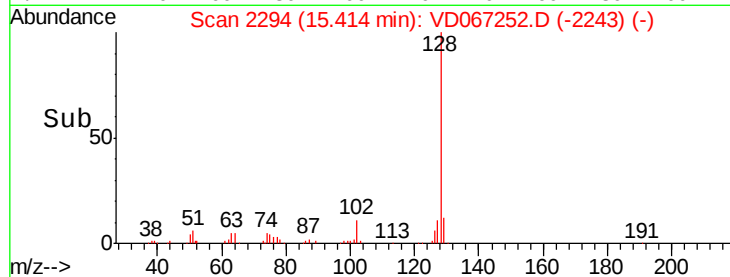
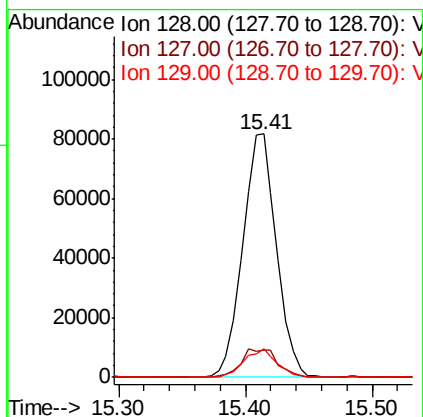
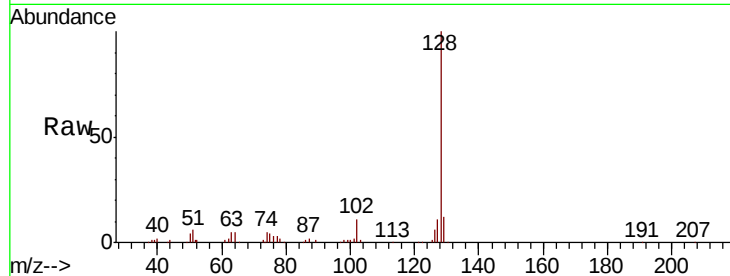




#95
Naphthalene
Concen: 20.065 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

Tot Ion:128 Resp: 150837
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.427 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067252.D
Acq: 13 Oct 2020 15:14

Tgt Ion:180 Resp: 80800
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.3
145 34.4 17.3 51.9

