

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067576.D
 Acq On : 10 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Quant Time: Nov 11 00:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	311456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	449499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	407679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	120115	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	7.91	113	127812	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.34	98	445897	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.64	95	158126	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63079	22.520	ug/l	99
3) Chloromethane	2.21	50	39296	20.261	ug/l	99
4) Vinyl Chloride	2.35	62	42322	19.572	ug/l	90
5) Bromomethane	2.76	94	34232	19.532	ug/l	91
6) Chloroethane	2.92	64	25196	18.900	ug/l #	87
7) Trichlorofluoromethane	3.27	101	120214	21.471	ug/l	93
8) Diethyl Ether	3.71	74	22462	19.910	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	62323	22.052	ug/l	100
10) Methyl Iodide	4.30	142	60828	20.082	ug/l	99
11) Tert butyl alcohol	5.19	59	8896	60.489	ug/l #	79
12) 1,1-Dichloroethene	4.06	96	54863	21.105	ug/l	89
13) Acrolein	3.93	56	5154	66.156	ug/l #	81
14) Allyl chloride	4.71	41	53899	19.373	ug/l	95
15) Acrylonitrile	5.41	53	42835	102.714	ug/l	98
16) Acetone	4.16	43	37115	91.072	ug/l	98
17) Carbon Disulfide	4.41	76	163080	20.473	ug/l	100
18) Methyl Acetate	4.72	43	18251	21.672	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	104783	20.435	ug/l	96
20) Methylene Chloride	4.97	84	63462	22.045	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	63548	20.988	ug/l	93
22) Diisopropyl ether	6.36	45	113380	20.912	ug/l	97
23) Vinyl Acetate	6.30	43	291370	102.667	ug/l	99
24) 1,1-Dichloroethane	6.27	63	91498	20.629	ug/l	96
25) 2-Butanone	7.21	43	44843	102.979	ug/l	94
26) 2,2-Dichloropropane	7.21	77	101474	21.677	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	66427	21.137	ug/l	100
28) Bromochloromethane	7.55	49	30945	19.614	ug/l #	1
29) Tetrahydrofuran	7.57	42	26253	100.647	ug/l	94
30) Chloroform	7.71	83	113099	21.374	ug/l	100
31) Cyclohexane	7.99	56	80570	20.398	ug/l #	87
32) 1,1,1-Trichloroethane	7.91	97	113020	20.701	ug/l	98
36) 1,1-Dichloropropene	8.11	75	84355	21.924	ug/l	97
37) Ethyl Acetate	7.30	43	20635	20.657	ug/l	99
38) Carbon Tetrachloride	8.10	117	111510	22.306	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067576.D
 Acq On : 10 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Quant Time: Nov 11 00:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97254	21.476	ug/l	97
40) Benzene	8.36	78	227931	21.869	ug/l	97
41) Methacrylonitrile	7.53	41	11324	18.965	ug/l	97
42) 1,2-Dichloroethane	8.43	62	67647	21.007	ug/l	97
43) Isopropyl Acetate	8.46	43	42658	21.593	ug/l	99
44) Trichloroethene	9.11	130	73743	21.519	ug/l	99
45) 1,2-Dichloropropane	9.38	63	49723	22.066	ug/l	91
46) Dibromomethane	9.48	93	30510	21.295	ug/l	99
47) Bromodichloromethane	9.67	83	83785	21.515	ug/l	97
48) Methyl methacrylate	9.46	41	19800	19.411	ug/l	89
49) 1,4-Dioxane	9.47	88	6731	462.771	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	102239	108.211	ug/l	99
52) Toluene	10.41	92	154936	22.194	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	72557	21.754	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	85874	21.671	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	43026	22.696	ug/l	97
56) Ethyl methacrylate	10.67	69	39536	20.196	ug/l	98
57) 1,3-Dichloropropane	10.95	76	65660	21.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	95813	104.953	ug/l	98
59) 2-Hexanone	10.99	43	71304	107.936	ug/l	98
60) Dibromochloromethane	11.14	129	61150	21.806	ug/l	99
61) 1,2-Dibromoethane	11.25	107	39883	20.962	ug/l	98
64) Tetrachloroethene	10.88	164	65886	21.822	ug/l	99
65) Chlorobenzene	11.67	112	168491	21.456	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.75	131	65719	21.233	ug/l	96
67) Ethyl Benzene	11.75	91	296858	22.091	ug/l	97
68) m/p-Xylenes	11.86	106	232264	44.427	ug/l	99
69) o-Xylene	12.18	106	106517	22.820	ug/l	95
70) Styrene	12.20	104	180409	22.181	ug/l	98
71) Bromoform	12.37	173	34809	22.051	ug/l #	99
73) Isopropylbenzene	12.48	105	289847	21.930	ug/l	99
74) N-amyl acetate	12.30	43	38029	21.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	38610	21.423	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	56584	45.866	ug/l #	100
77) Bromobenzene	12.77	156	69126	21.297	ug/l	97
78) n-propylbenzene	12.83	91	341967	22.620	ug/l	100
79) 2-Chlorotoluene	12.91	91	193074	22.483	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	259018	22.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12338	20.304	ug/l	95
82) 4-Chlorotoluene	13.01	91	209133	22.707	ug/l	99
83) tert-Butylbenzene	13.23	119	221655	23.164	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	254816	22.673	ug/l	97
85) sec-Butylbenzene	13.40	105	295070	22.843	ug/l	99
86) p-Isopropyltoluene	13.52	119	283421	22.721	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	141553	22.855	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	136102	21.702	ug/l	97
89) n-Butylbenzene	13.85	91	238595	22.144	ug/l	99
90) Hexachloroethane	14.11	117	52138	22.195	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	120434	22.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7427	23.275	ug/l	95

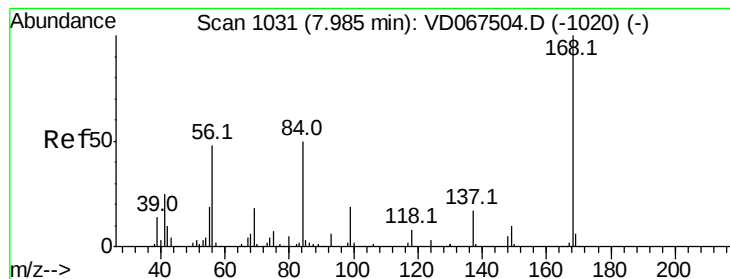
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
Data File : VD067576.D
Acq On : 10 Nov 2020 12:21
Operator : VA/SY
Sample : VD1110SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

Quant Time: Nov 11 00:04:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82108	22.568	ug/l	98
94) Hexachlorobutadiene	15.27	225	55247	22.689	ug/l	97
95) Naphthalene	15.41	128	121839	21.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	68081	21.852	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

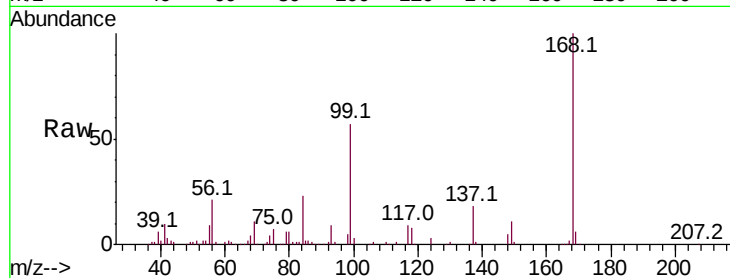
VD1110SBS01

Tot Ion:168 Resp: 311456

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

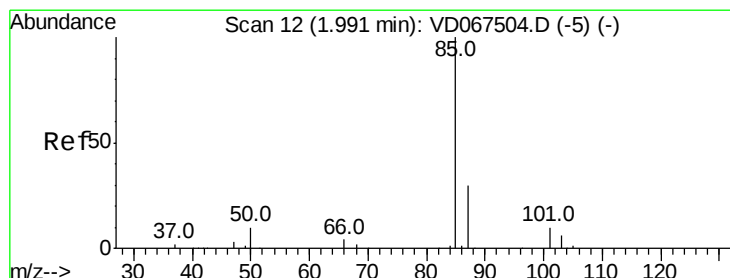
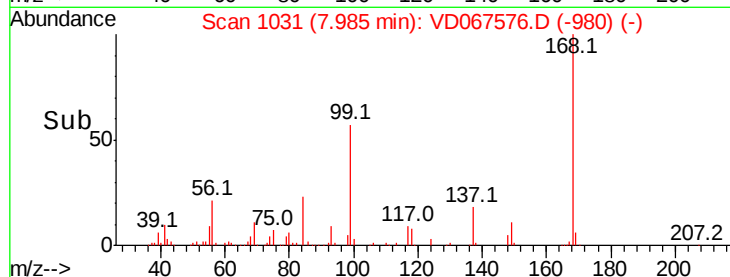
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.520 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067576.D

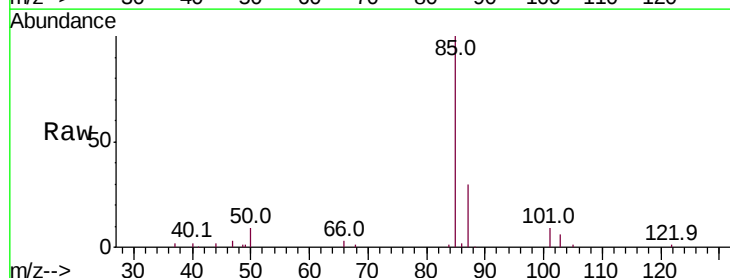
Acq: 10 Nov 2020 12:21

Tgt Ion: 85 Resp: 63079

Ion Ratio Lower Upper

85 100

87 29.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

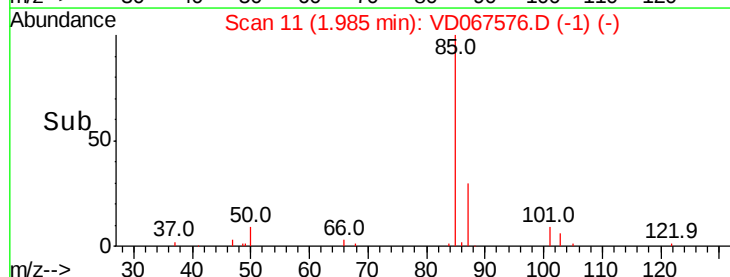
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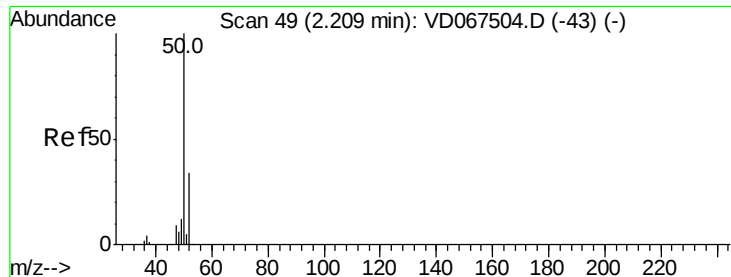
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.261 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

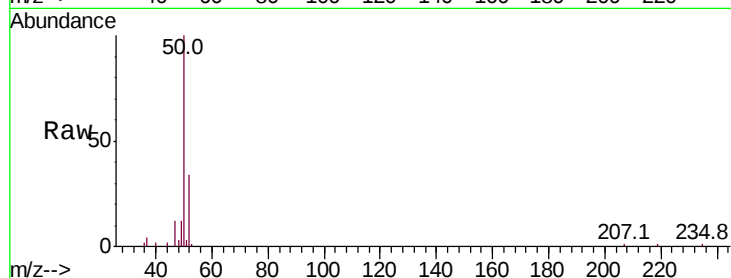
VD1110SBS01

Tot Ion: 50 Resp: 39296

Ion Ratio Lower Upper

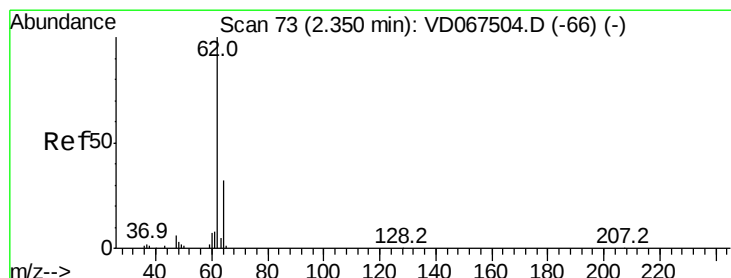
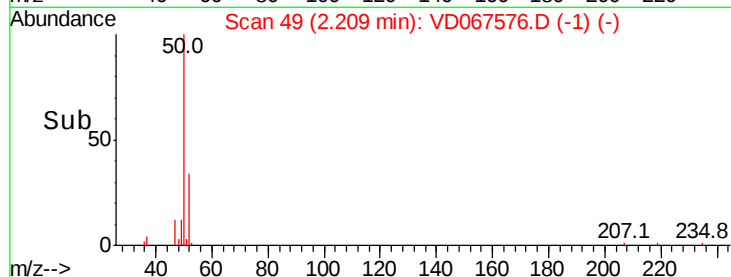
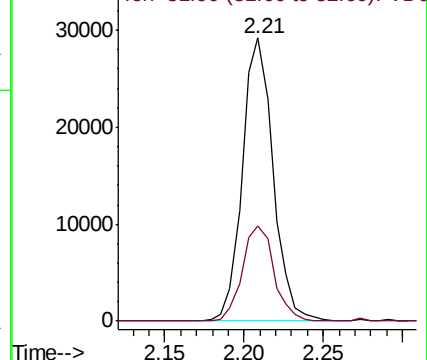
50 100

52 33.8 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.572 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067576.D

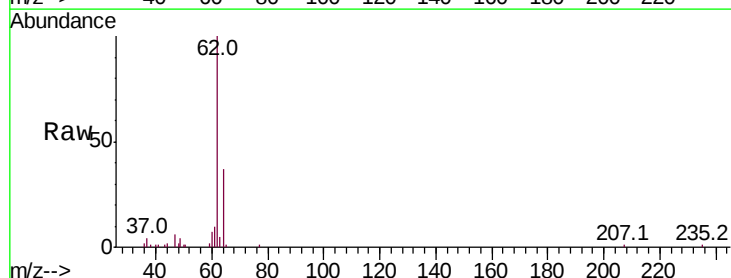
Acq: 10 Nov 2020 12:21

Tgt Ion: 62 Resp: 42322

Ion Ratio Lower Upper

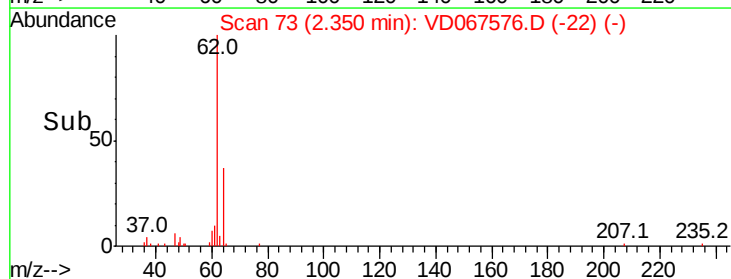
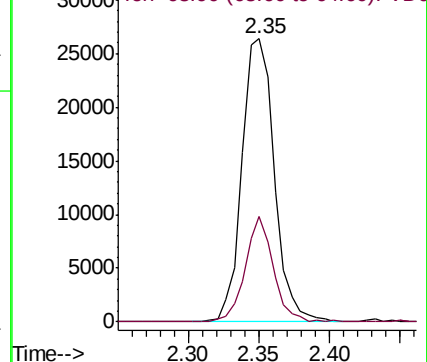
62 100

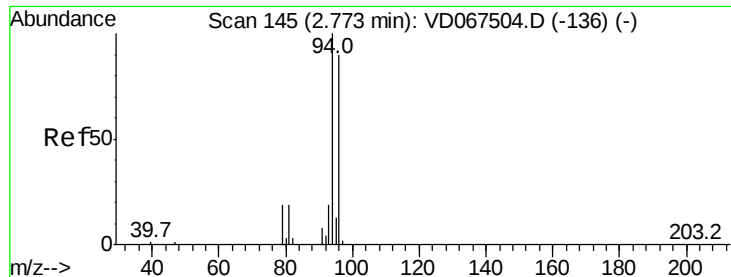
64 37.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.532 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

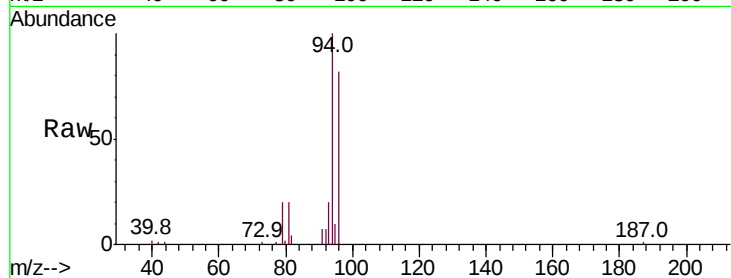
VD1110SBS01

Tot Ion: 94 Resp: 34232

Ion Ratio Lower Upper

94 100

96 81.7 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

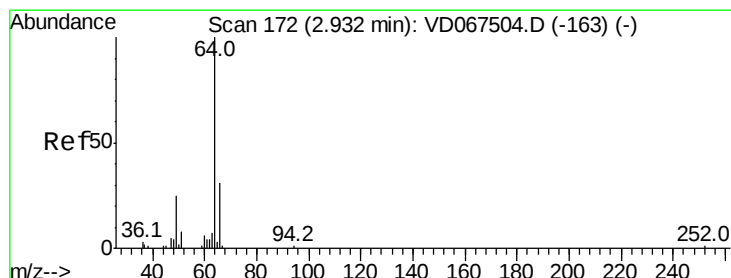
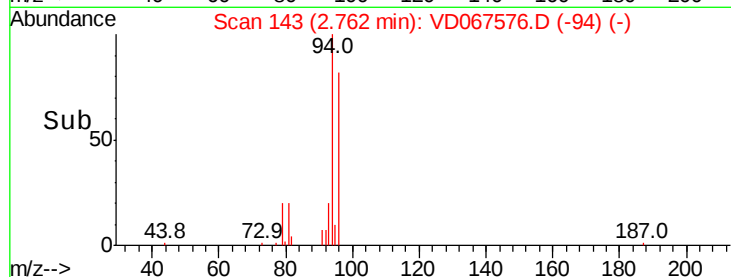
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.900 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067576.D

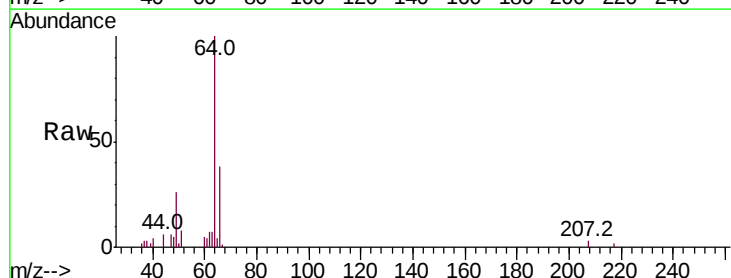
Acq: 10 Nov 2020 12:21

Tgt Ion: 64 Resp: 25196

Ion Ratio Lower Upper

64 100

66 37.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

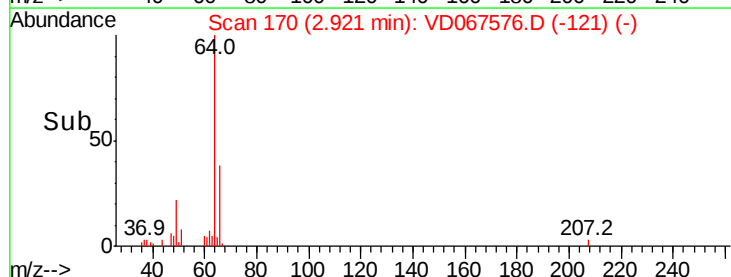
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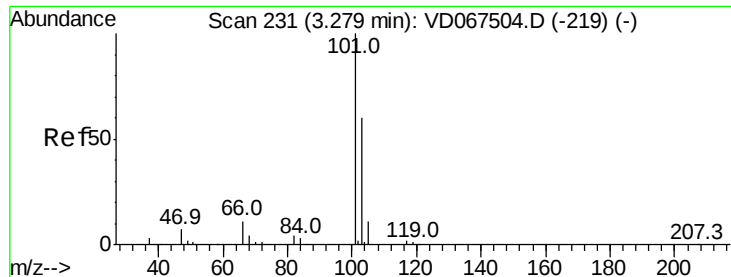
10000

5000

0

Time-->



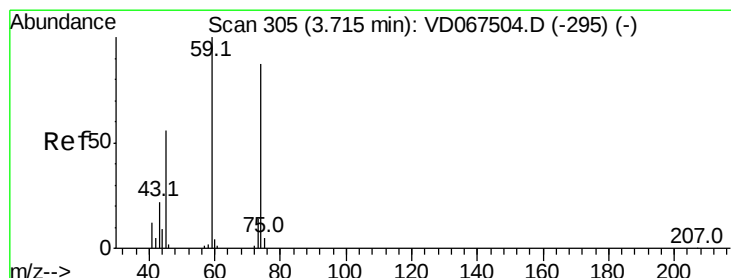
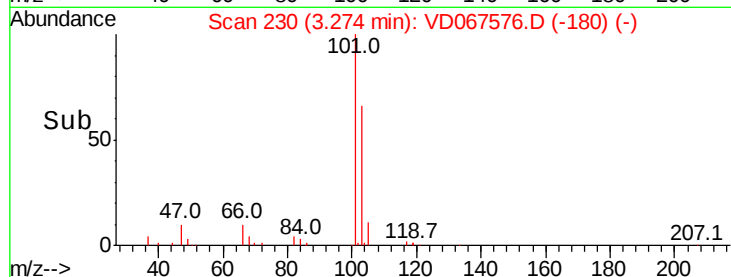
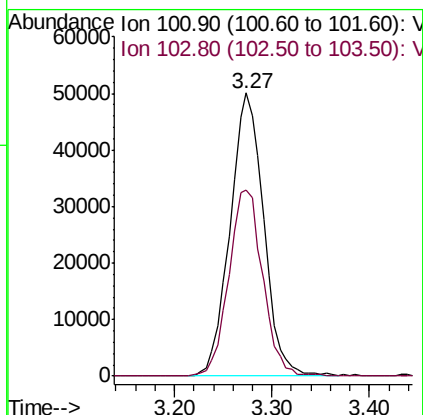
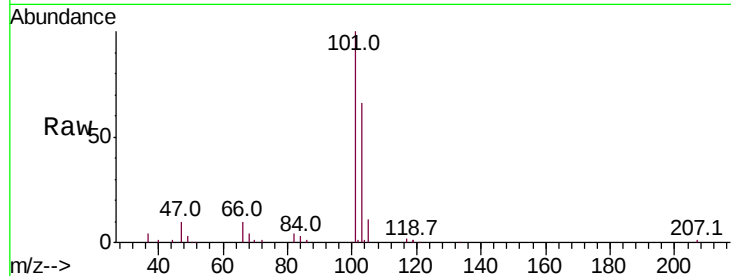


#7

Trichlorofluoromethane
Concen: 21.471 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

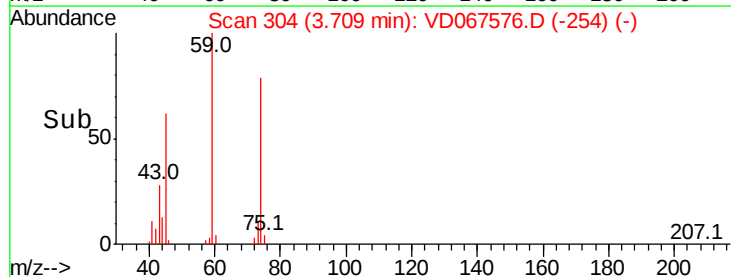
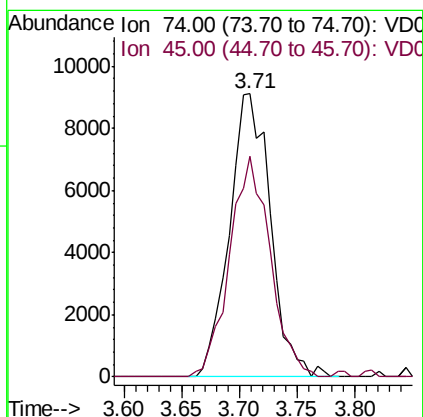
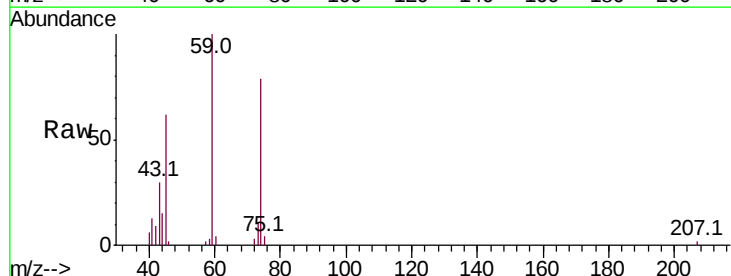
Tot Ion:101 Resp: 120214
Ion Ratio Lower Upper
101 100
103 65.5 48.1 72.1

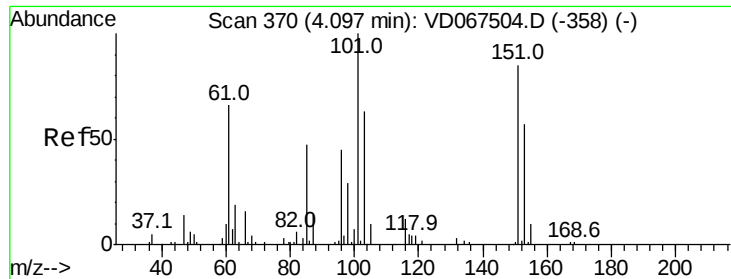


#8

Diethyl Ether
Concen: 19.910 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 74 Resp: 22462
Ion Ratio Lower Upper
74 100
45 77.1 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.052 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

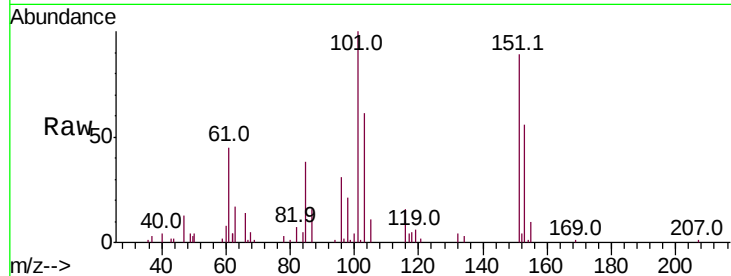
Tot Ion:101 Resp: 62323

Ion Ratio Lower Upper

101 100

85 43.7 34.4 51.6

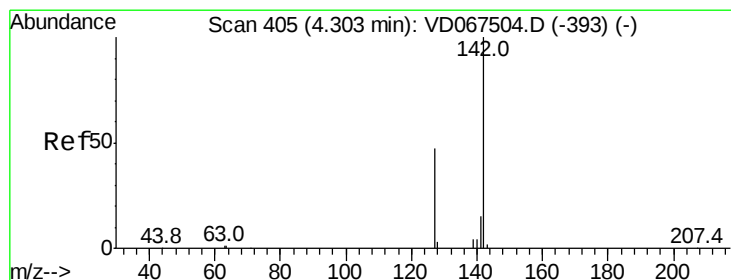
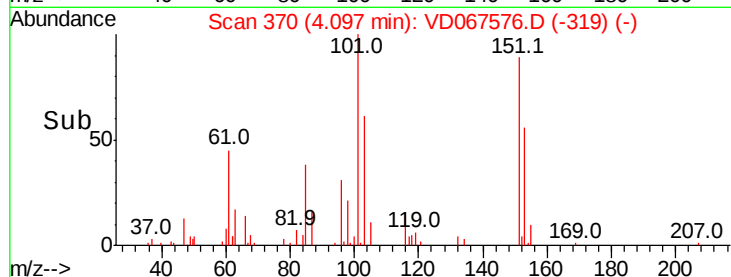
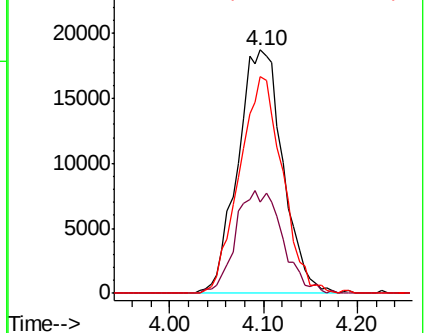
151 85.1 68.1 102.1



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: 20.082 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

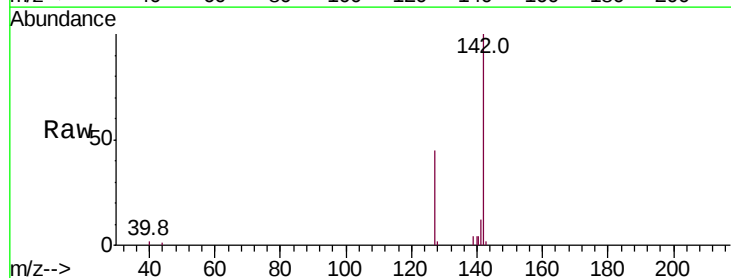
Tgt Ion:142 Resp: 60828

Ion Ratio Lower Upper

142 100

127 48.7 40.0 60.0

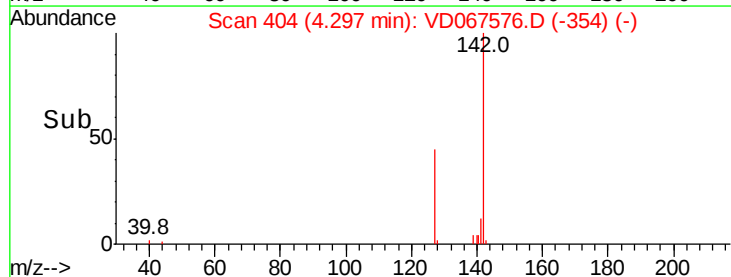
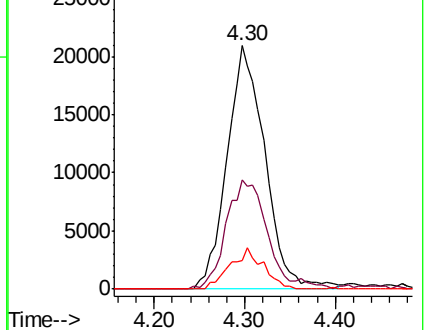
141 14.6 11.7 17.5

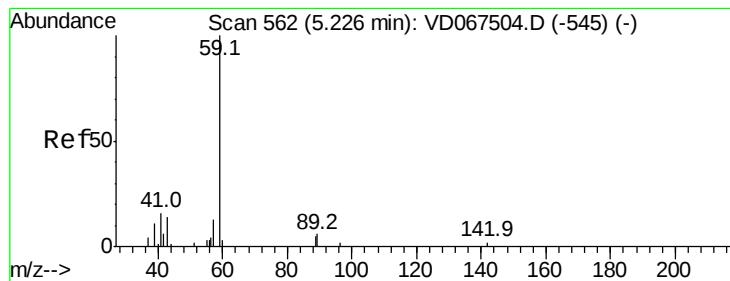


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 60.489 ug/l

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

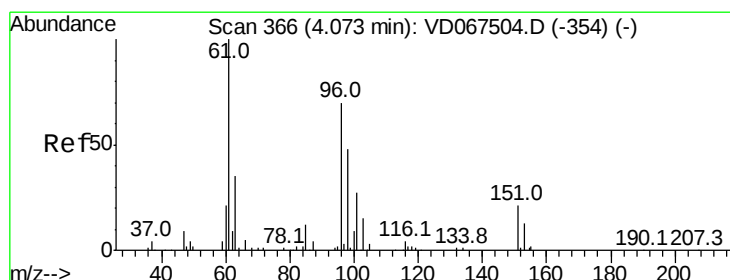
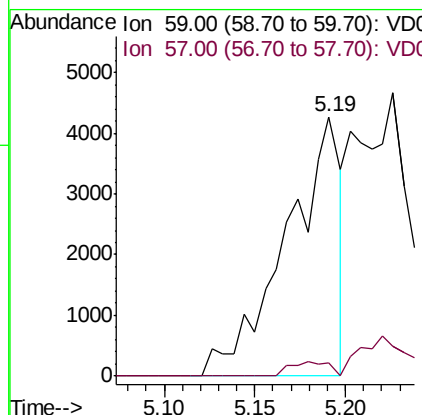
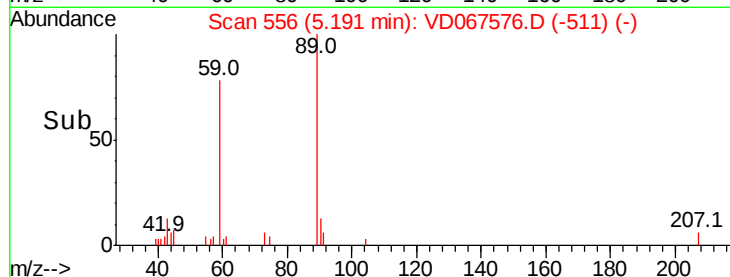
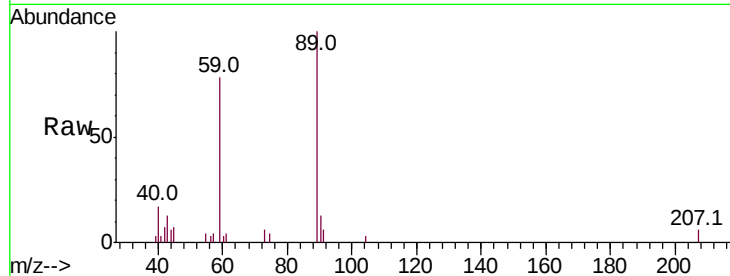
VD1110SBS01

Tot Ion: 59 Resp: 8896

Ion Ratio Lower Upper

59 100

57 0.0 5.9 8.9#



#12

1,1-Dichloroethene

Concen: 21.105 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

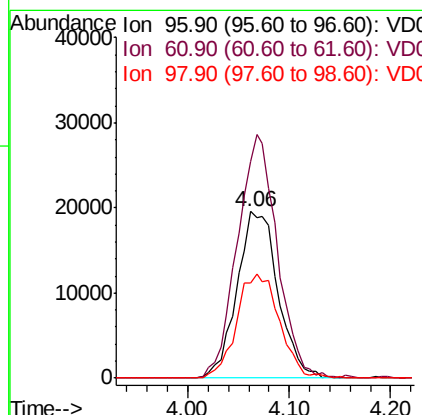
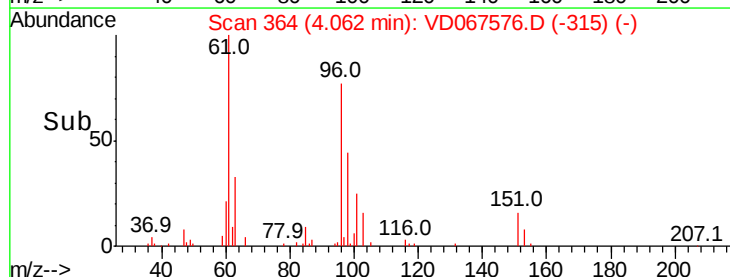
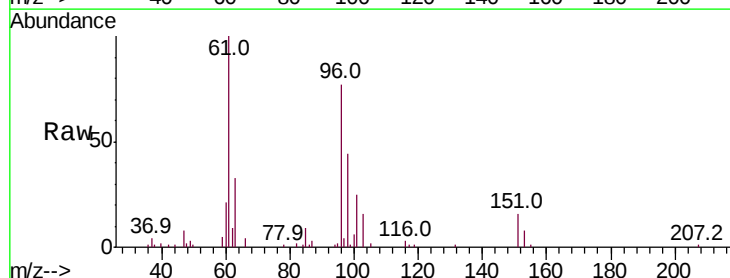
Tgt Ion: 96 Resp: 54863

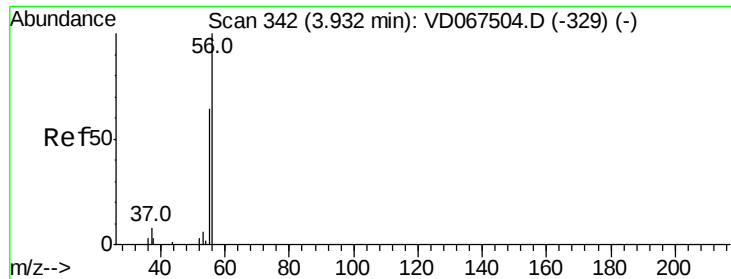
Ion Ratio Lower Upper

96 100

61 130.7 114.5 171.7

98 57.6 54.5 81.7





#13

Acrolein

Concen: 66.156 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

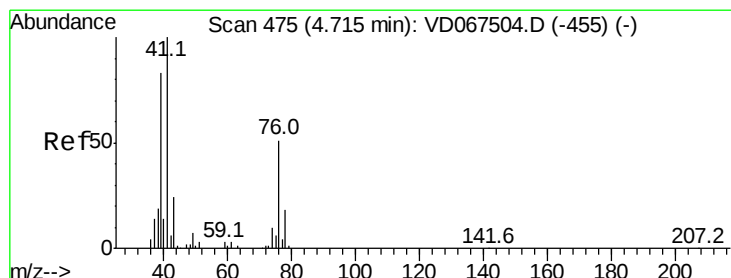
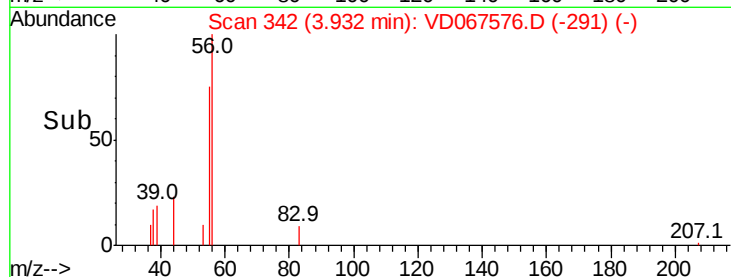
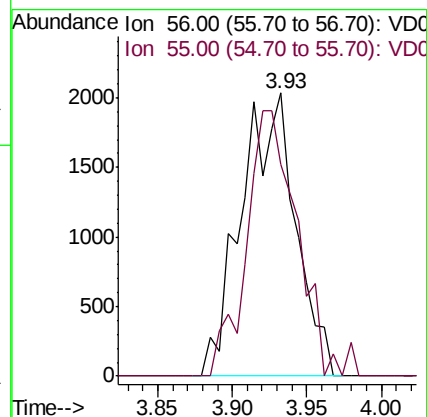
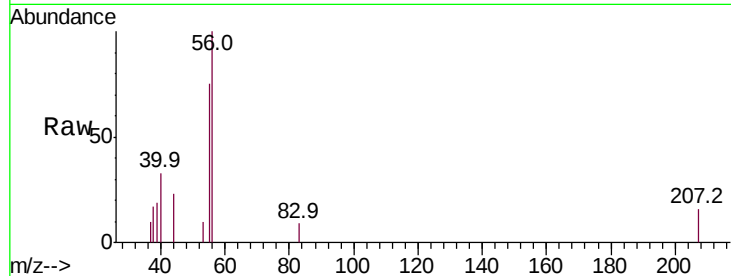
VD1110SBS01

Tot Ion: 56 Resp: 5154

Ion Ratio Lower Upper

56 100

55 85.6 55.8 83.8#



#14

Allyl chloride

Concen: 19.373 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

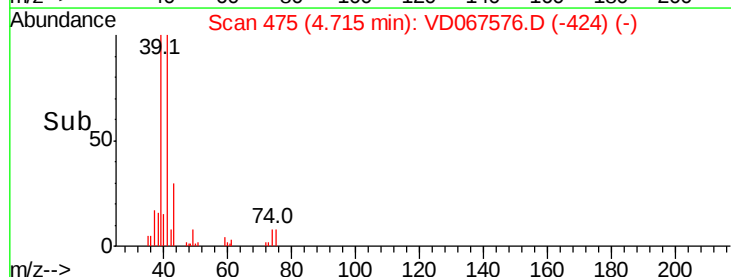
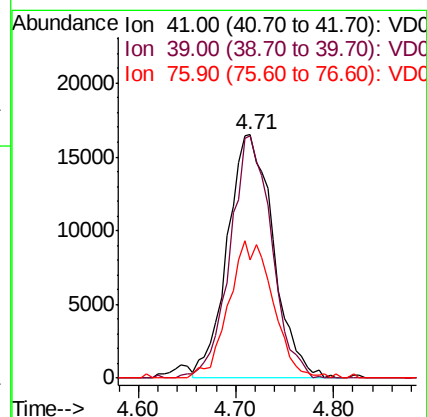
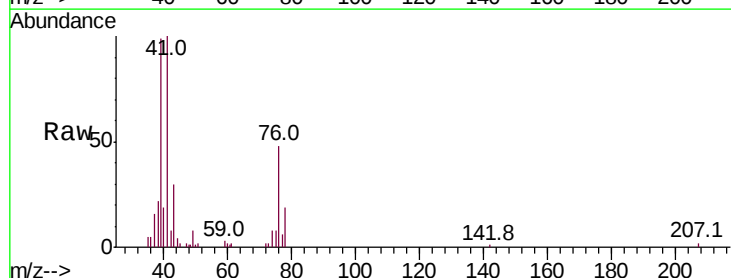
Tgt Ion: 41 Resp: 53899

Ion Ratio Lower Upper

41 100

39 90.1 67.4 101.0

76 54.7 42.2 63.2





#15

Acrylonitrile

Concen: 102.714 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBSD01

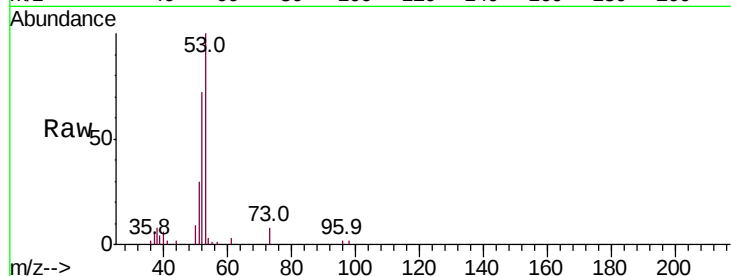
Tot Ion: 53 Resp: 42835

Ion Ratio Lower Upper

53 100

52 83.3 64.8 97.2

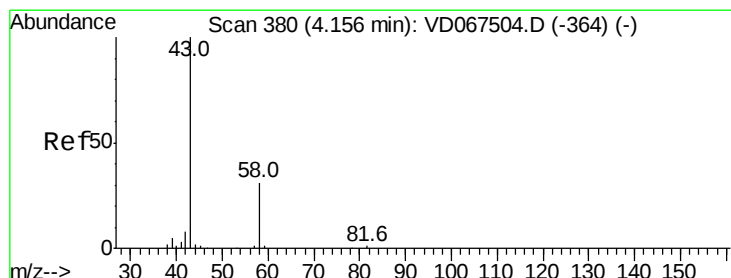
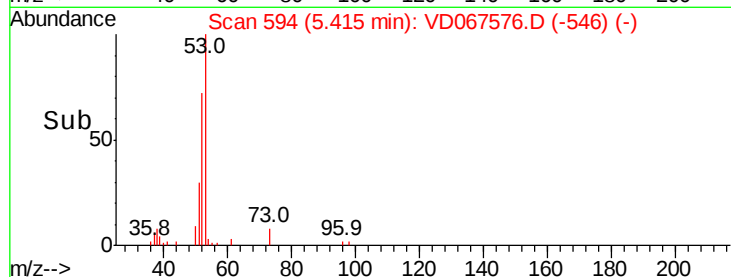
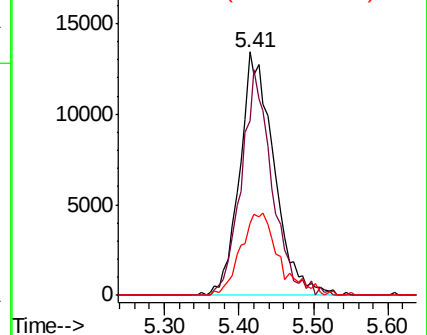
51 37.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 91.072 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067576.D

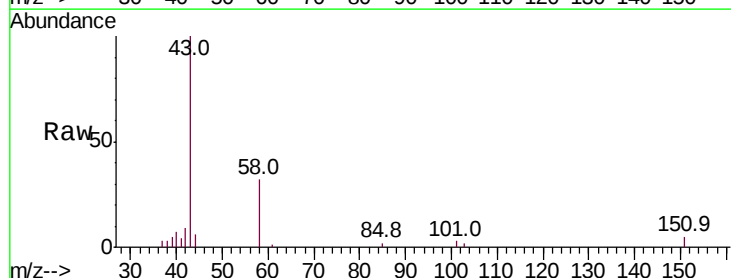
Acq: 10 Nov 2020 12:21

Tgt Ion: 43 Resp: 37115

Ion Ratio Lower Upper

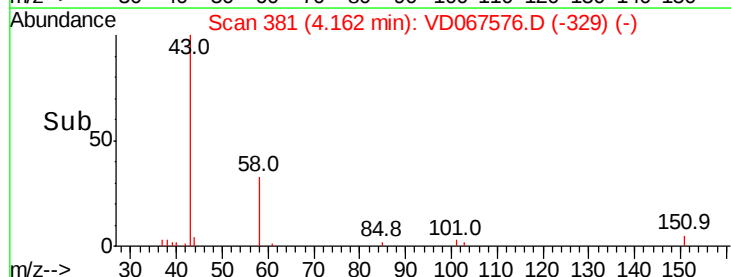
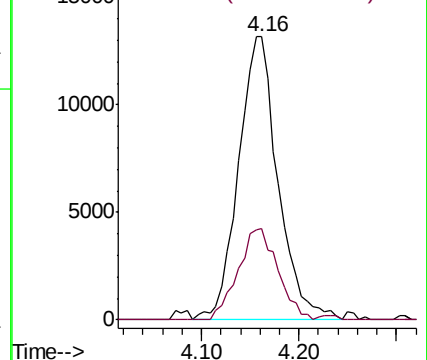
43 100

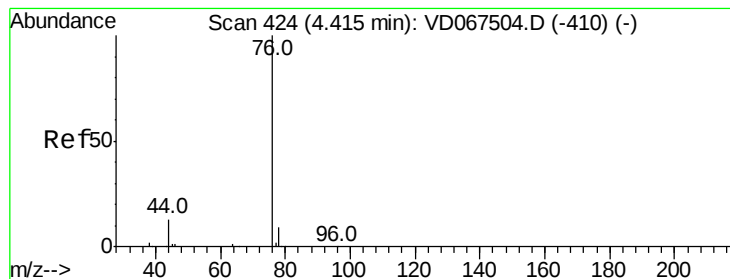
58 32.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.473 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

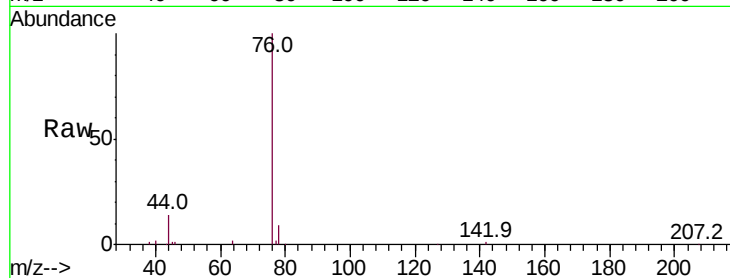
VD1110SBS01

Tot Ion: 76 Resp: 163080

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

60000

50000

40000

30000

20000

10000

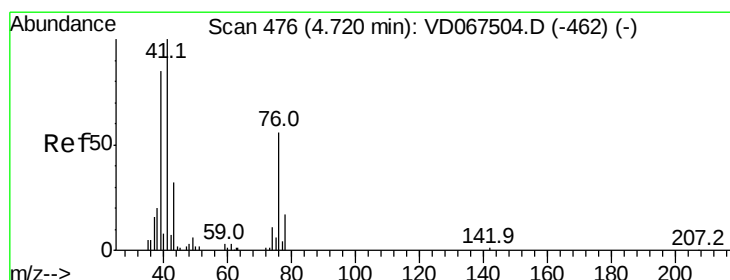
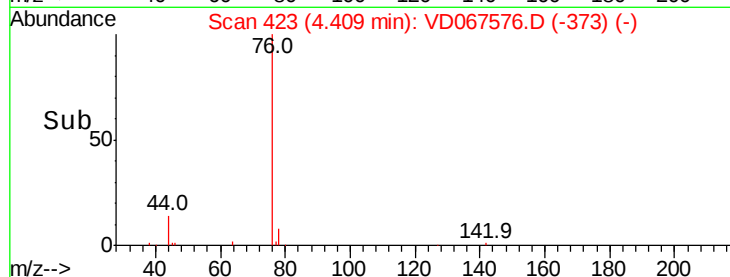
0

4.30

4.40

4.50

Time-->



#18

Methyl Acetate

Concen: 21.672 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067576.D

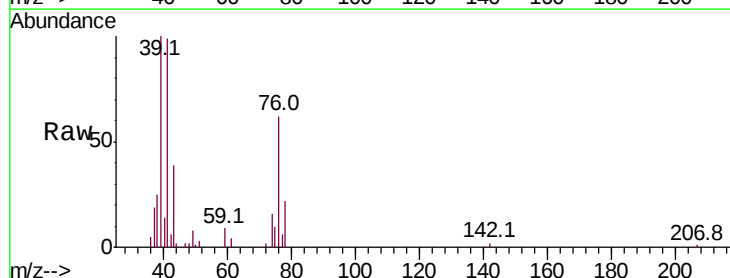
Acq: 10 Nov 2020 12:21

Tgt Ion: 43 Resp: 18251

Ion Ratio Lower Upper

43 100

74 33.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

6000

4000

2000

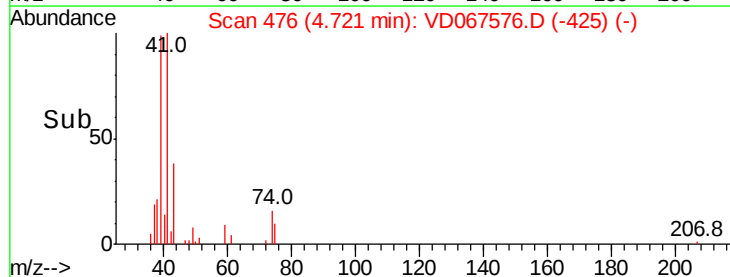
0

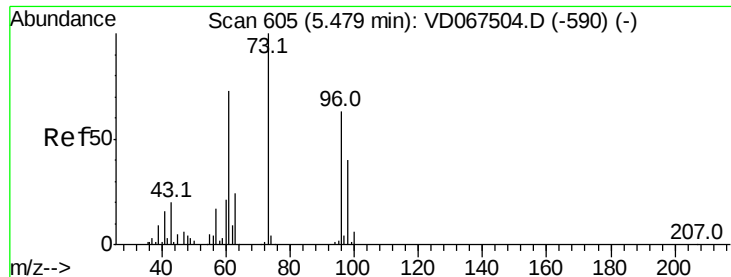
4.60

4.70

4.80

Time-->

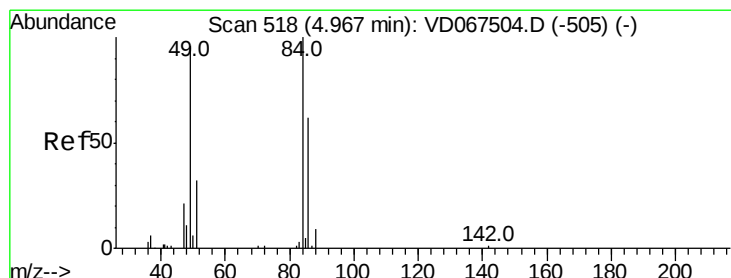
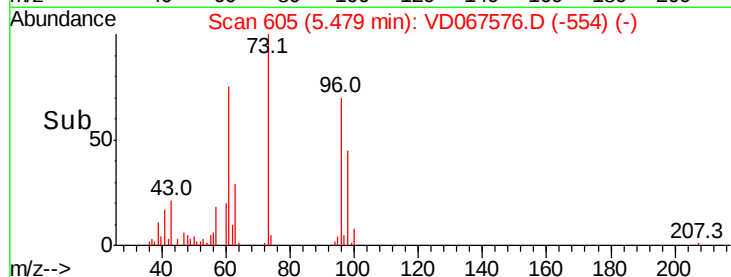
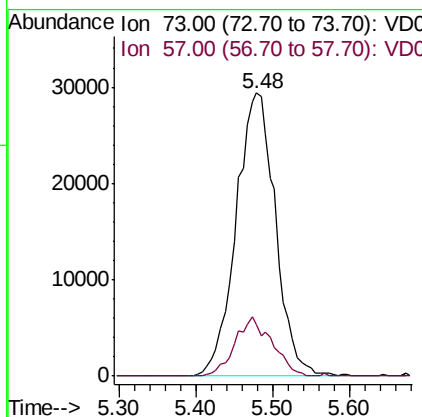
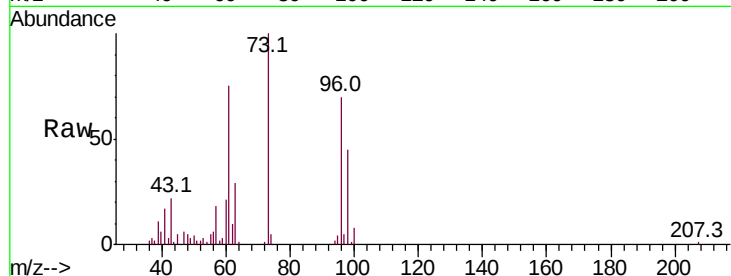




#19
Methyl tert-butyl Ether
Concen: 20.435 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

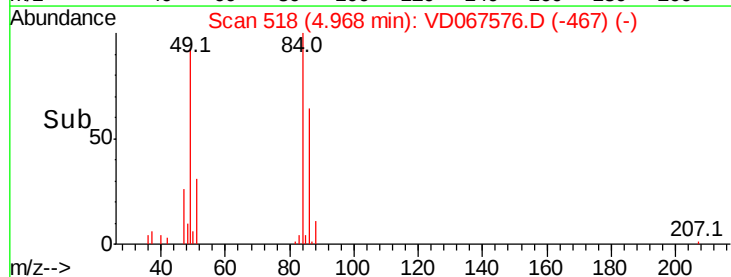
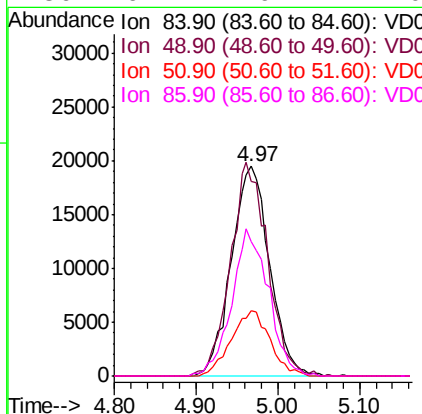
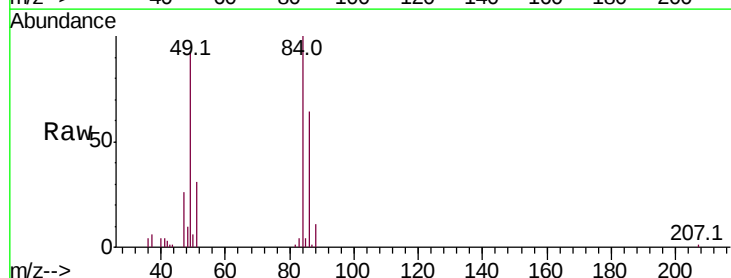
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

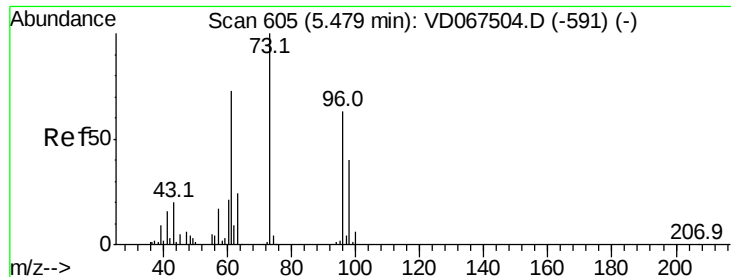
Tot Ion: 73 Resp: 104783
Ion Ratio Lower Upper
73 100
57 18.4 13.4 20.0



#20
Methylene Chloride
Concen: 22.045 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 84 Resp: 63462
Ion Ratio Lower Upper
84 100
49 92.8 77.0 115.4
51 31.4 25.4 38.2
86 64.1 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.988 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

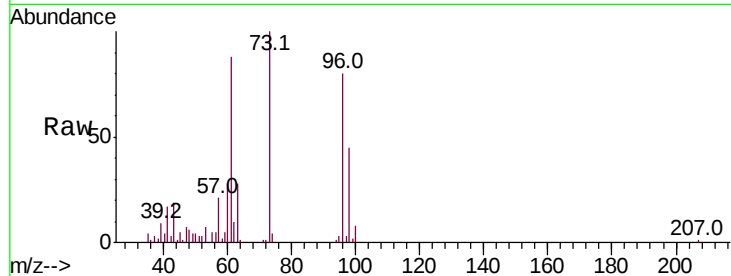
Tot Ion: 96 Resp: 63548

Ion Ratio Lower Upper

96 100

61 109.7 93.0 139.6

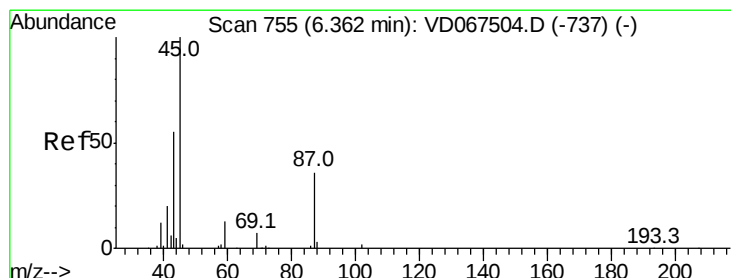
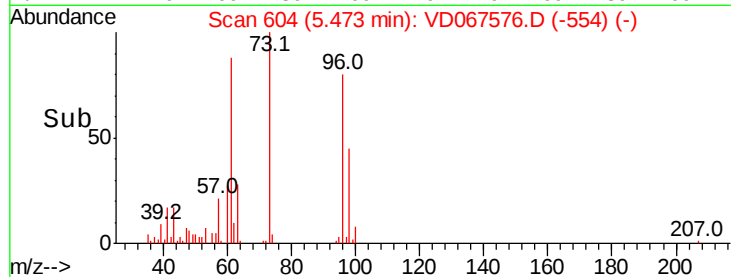
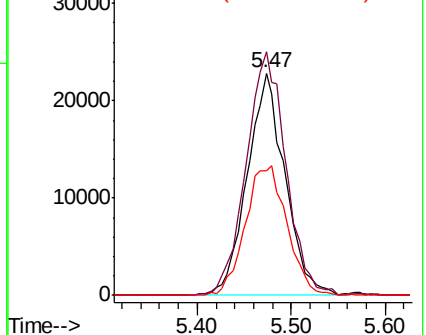
98 56.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.912 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion: 45 Resp: 113380

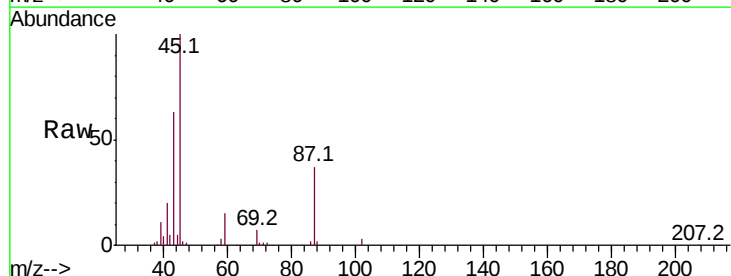
Ion Ratio Lower Upper

45 100

43 60.6 46.2 69.4

87 37.4 29.4 44.2

59 15.3 10.8 16.2

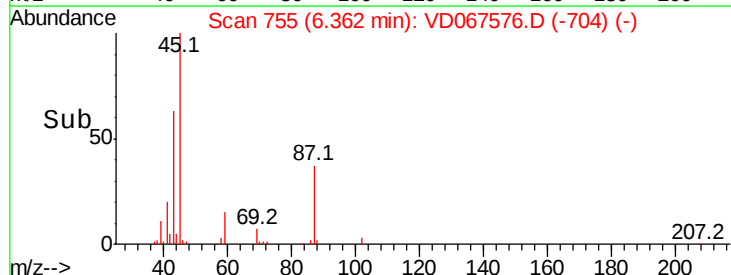
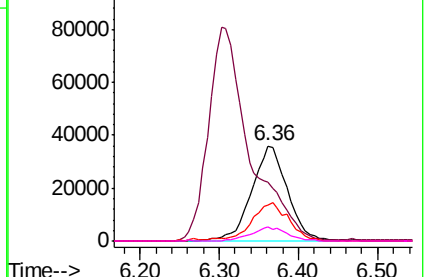


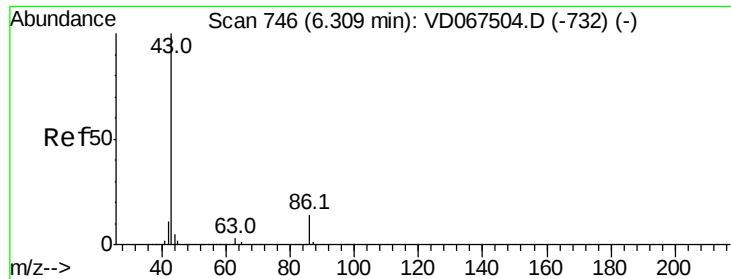
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 102.667 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

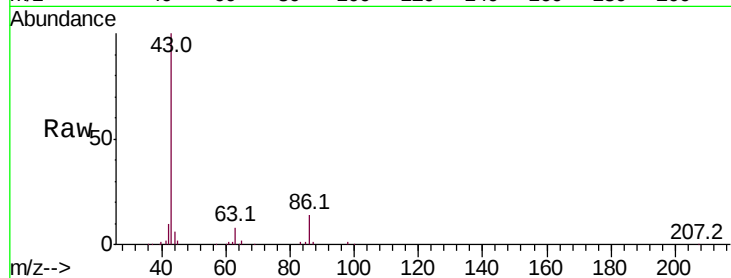
VD1110SBS01

Tot Ion: 43 Resp: 291370

Ion Ratio Lower Upper

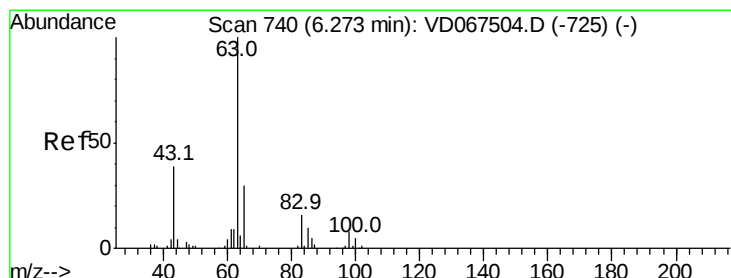
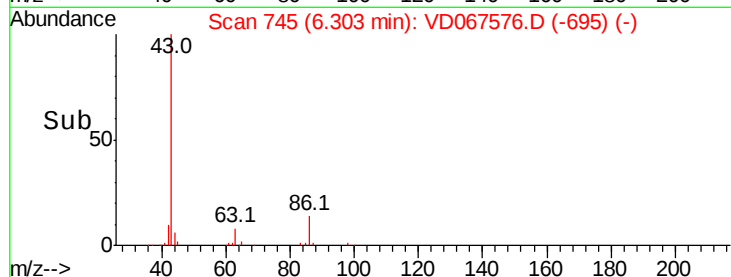
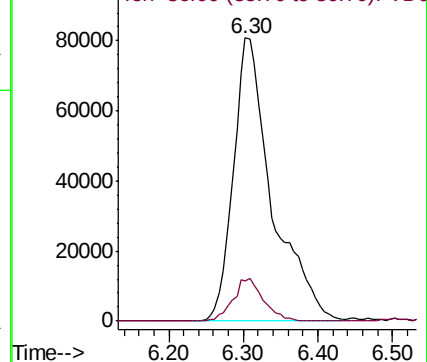
43 100

86 14.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.629 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

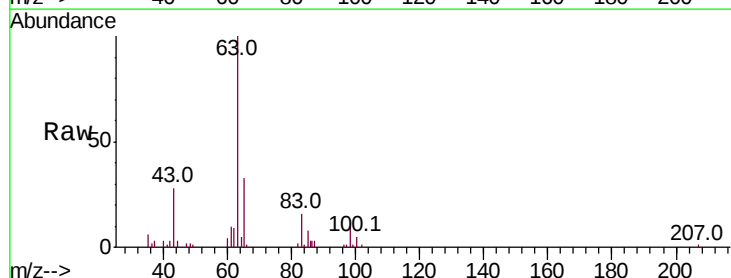
Tgt Ion: 63 Resp: 91498

Ion Ratio Lower Upper

63 100

98 9.8 3.9 11.5

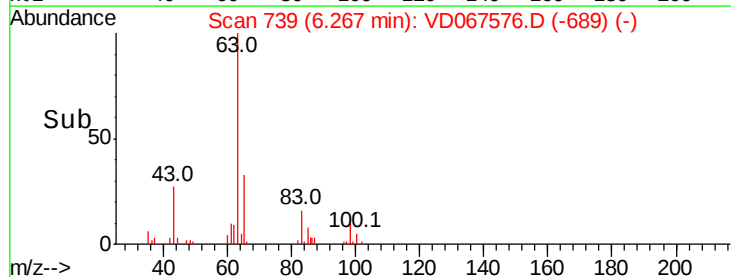
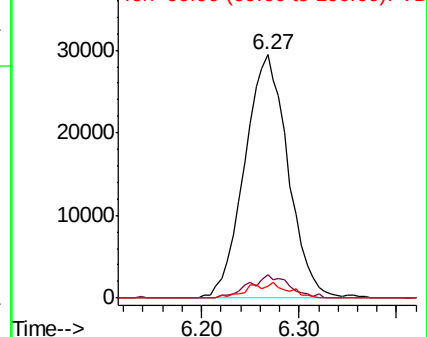
100 4.9 2.6 7.8

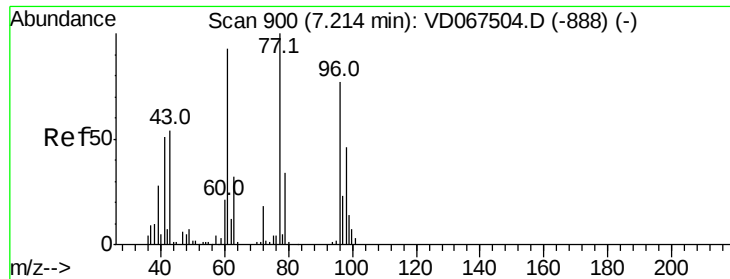


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 102.979 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

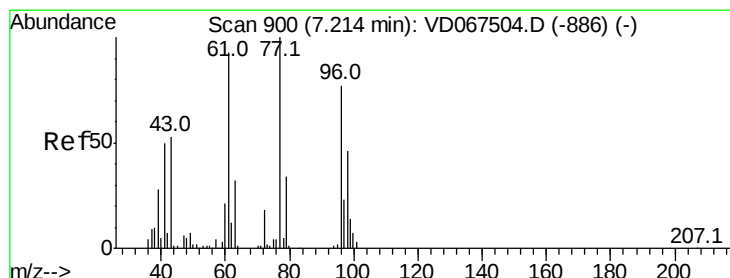
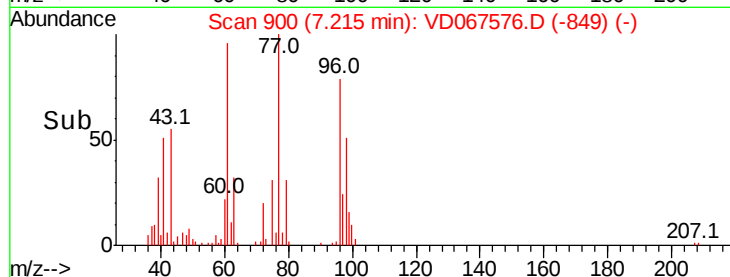
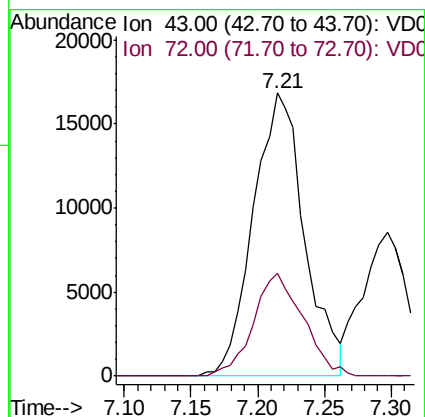
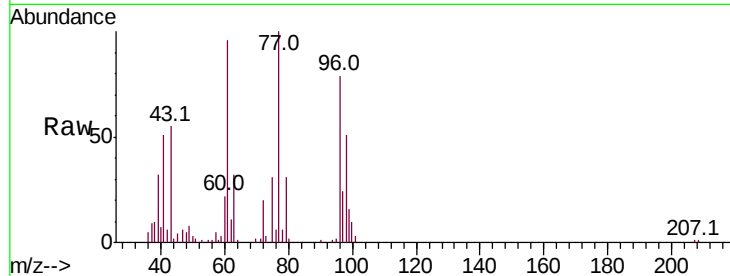
VD1110SBS01

Tot Ion: 43 Resp: 44843

Ion Ratio Lower Upper

43 100

72 36.2 26.4 39.6



#26

2,2-Dichloropropane

Concen: 21.677 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067576.D

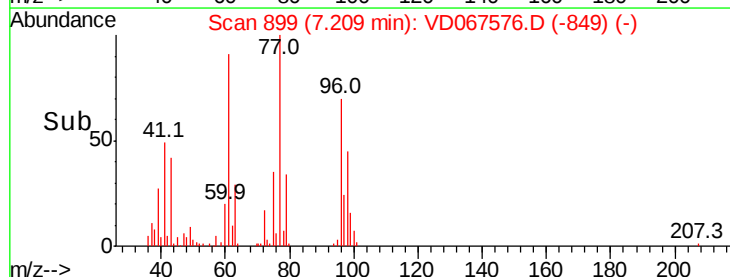
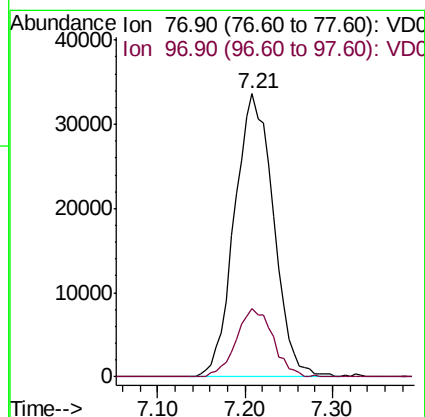
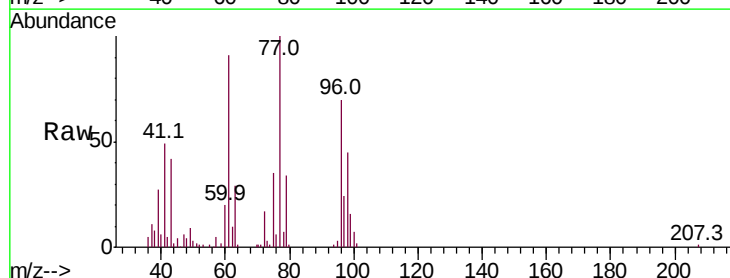
Acq: 10 Nov 2020 12:21

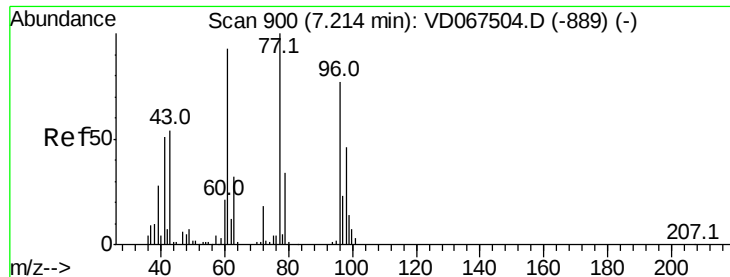
Tgt Ion: 77 Resp: 101474

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3

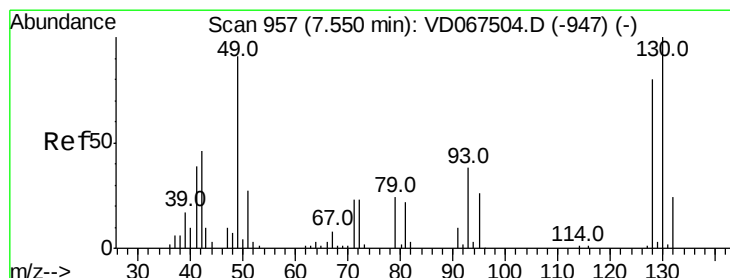
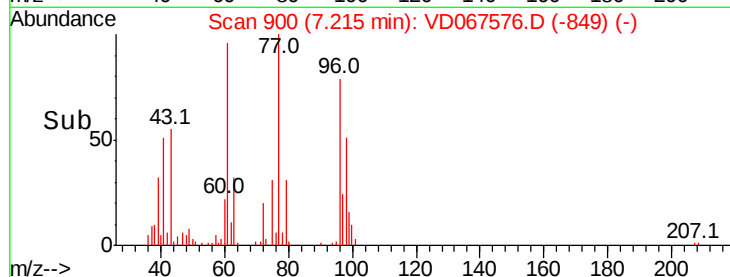
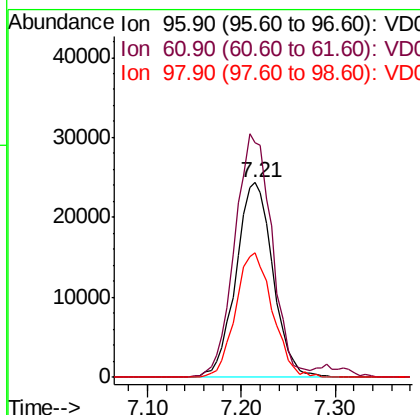
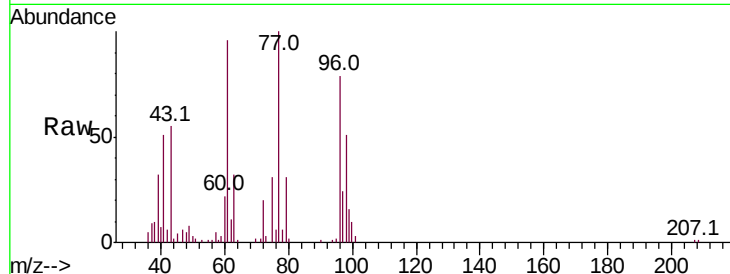




#27
 cis-1,2-Dichloroethene
 Concen: 21.137 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

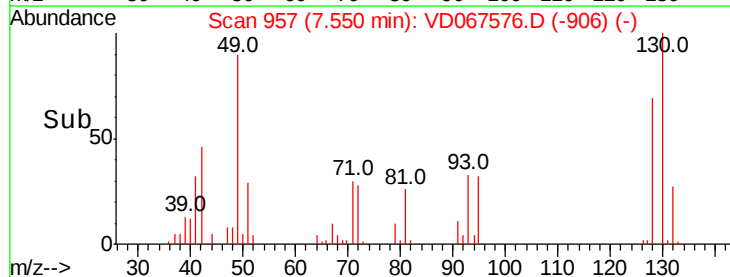
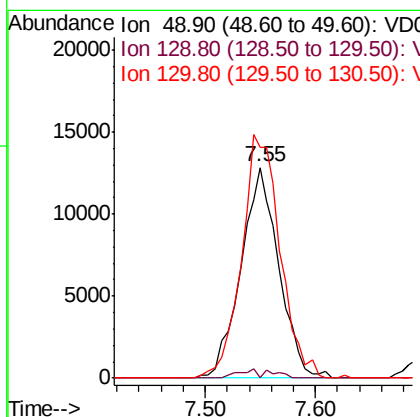
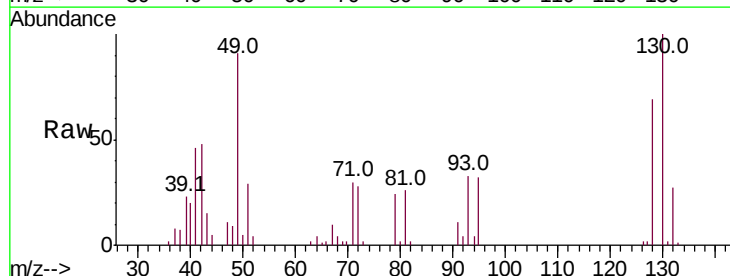
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

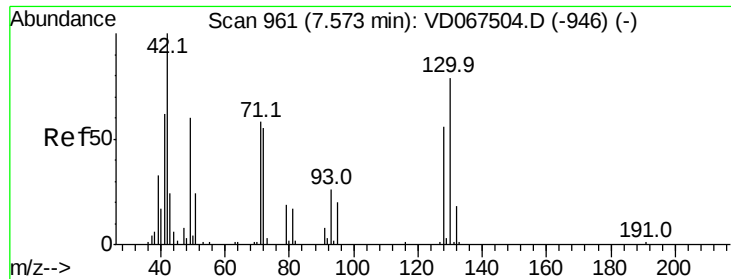
Tot Ion: 96 Resp: 66427
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 251.6
 98 63.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 19.614 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 49 Resp: 30945
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.4
 130 0.0 94.6 142.0#

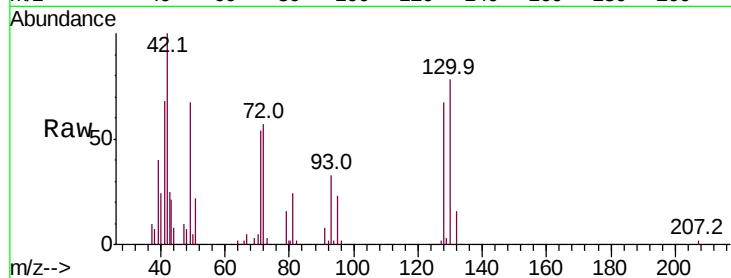




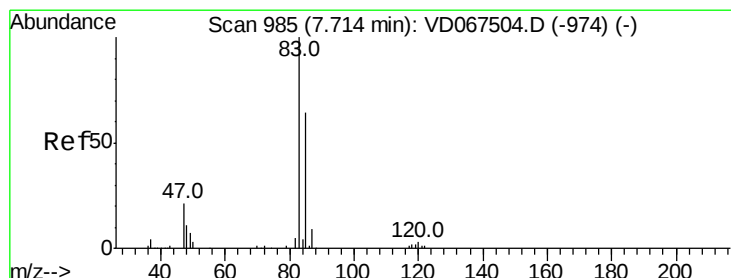
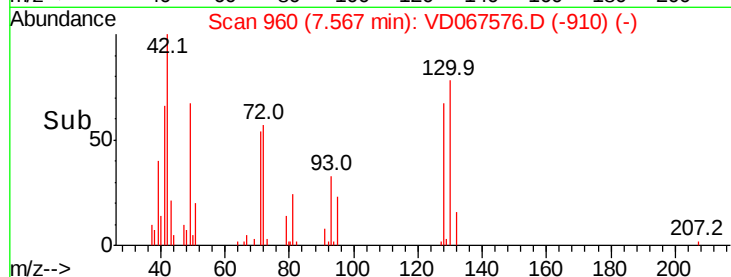
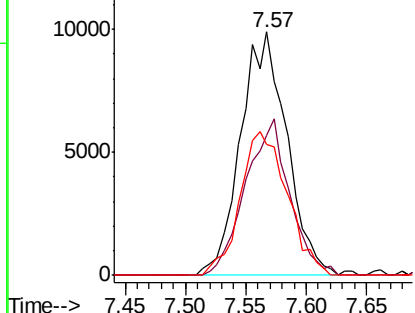
#29
Tetrahydrofuran
Concen: 100.647 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 42 Resp: 26253
Ion Ratio Lower Upper
42 100
72 61.5 46.3 69.5
71 60.4 44.0 66.0

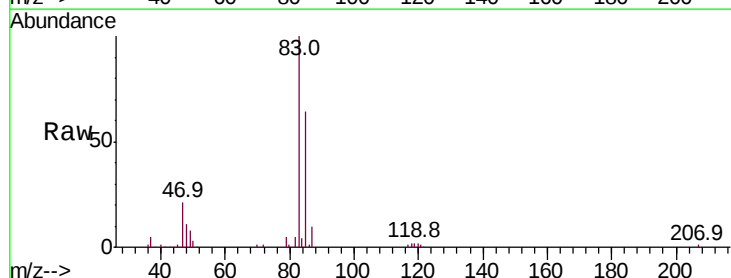


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

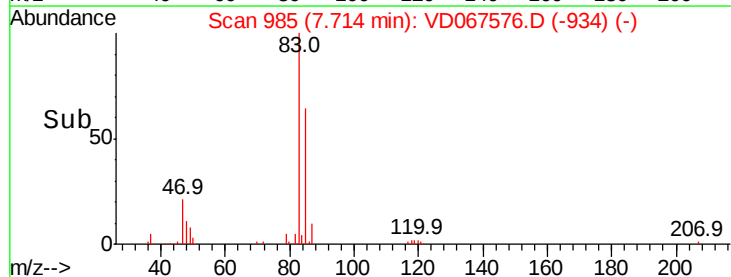
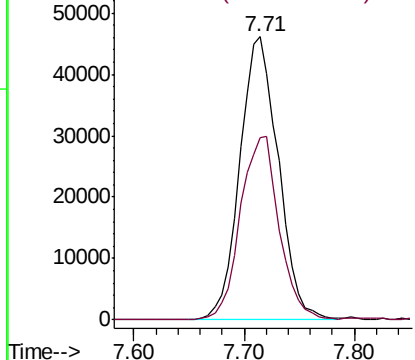


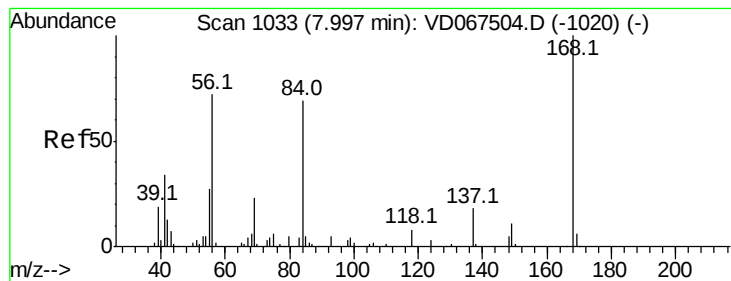
#30
Chloroform
Concen: 21.374 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 83 Resp: 113099
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



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





#31

Cyclohexane

Concen: 20.398 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

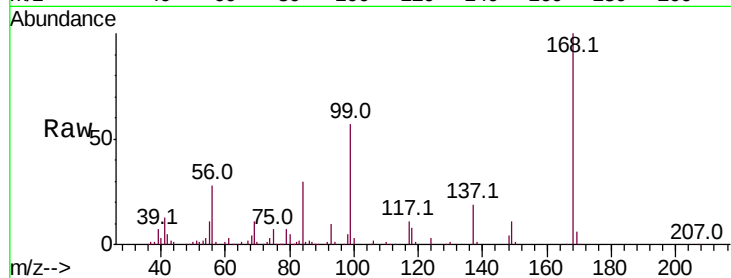
Tot Ion: 56 Resp: 80570

Ion Ratio Lower Upper

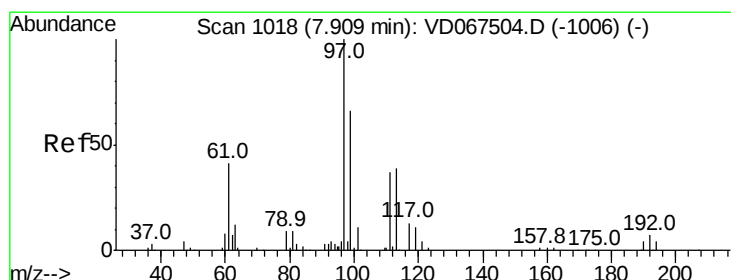
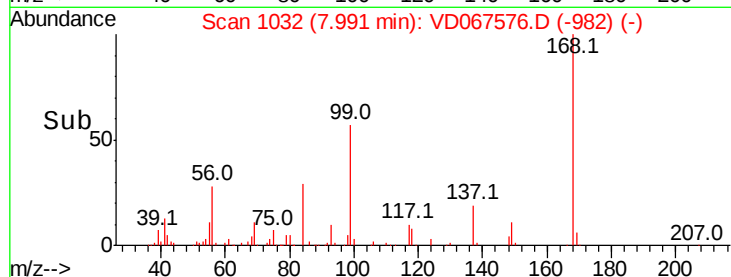
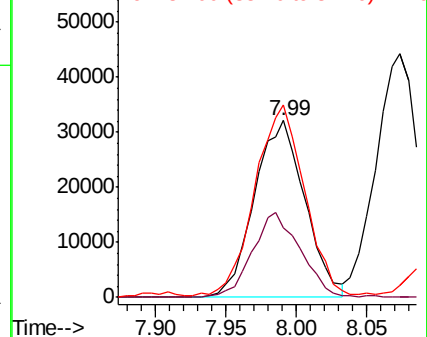
56 100

69 39.4 25.9 38.9#

84 107.9 76.2 114.4



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



#32

1,1,1-Trichloroethane

Concen: 20.701 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

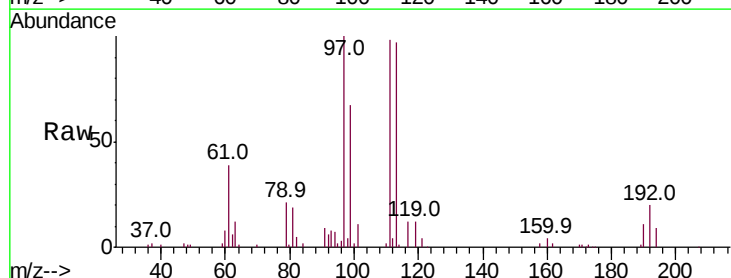
Tgt Ion: 97 Resp: 113020

Ion Ratio Lower Upper

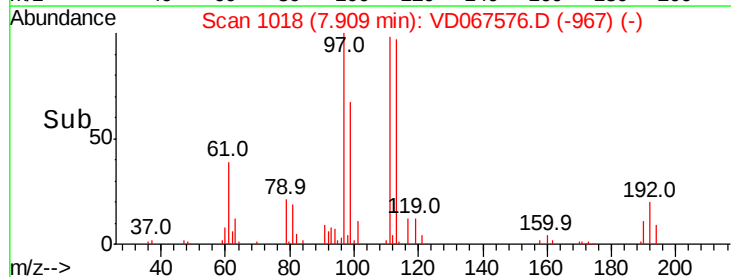
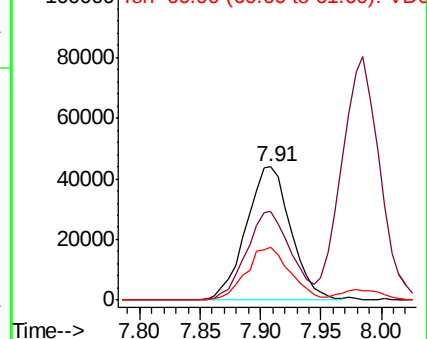
97 100

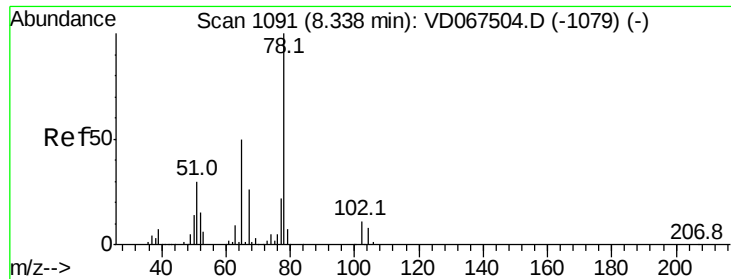
99 66.5 51.8 77.6

61 38.8 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

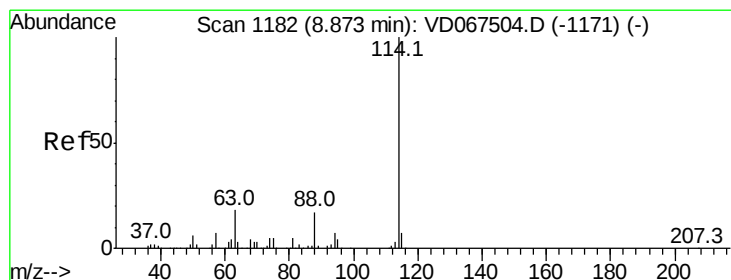
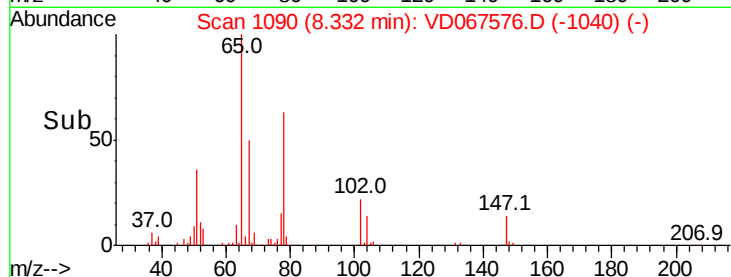
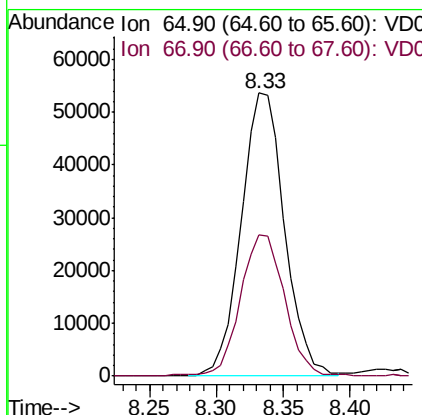
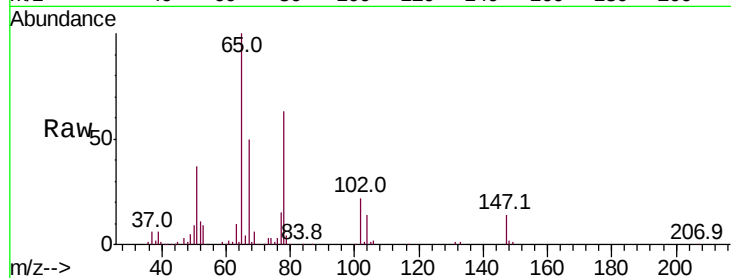




#33
 1,2-Dichloroethane-d4
 Concen: 44.106 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

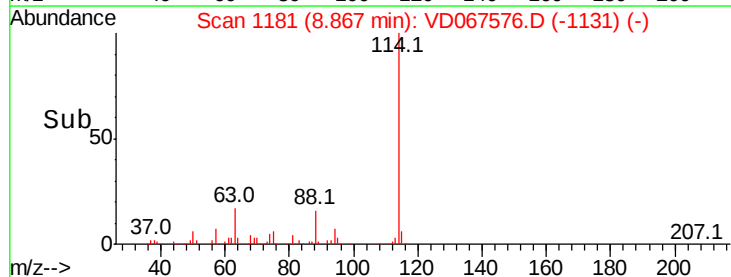
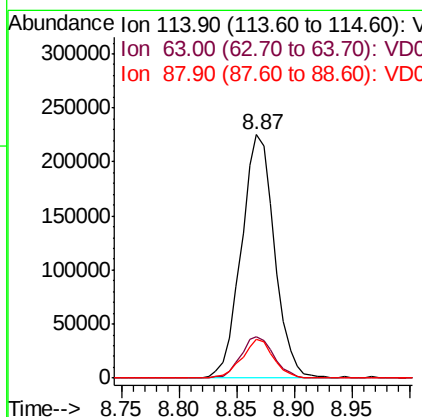
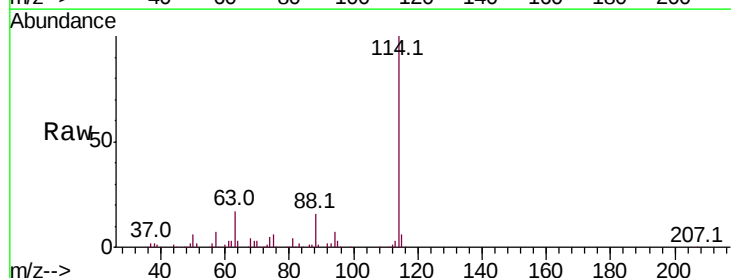
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBSD01

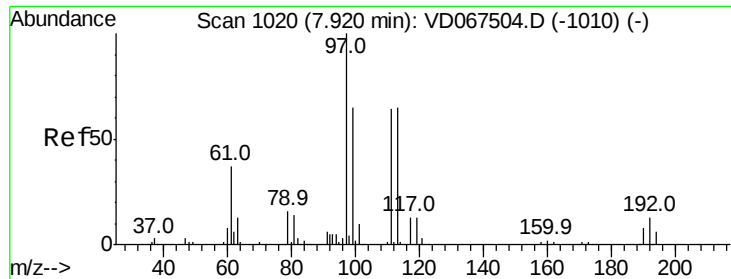
Tot Ion: 65 Resp: 120115
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 114 Resp: 449499
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 15.9 0.0 33.0

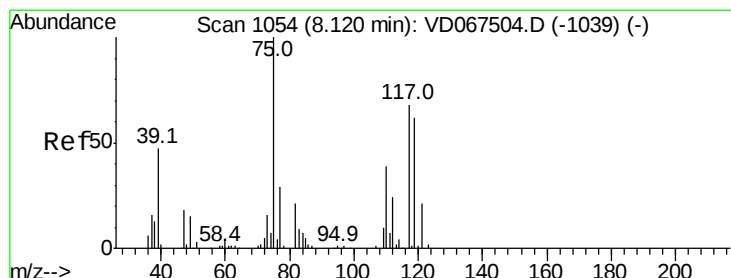
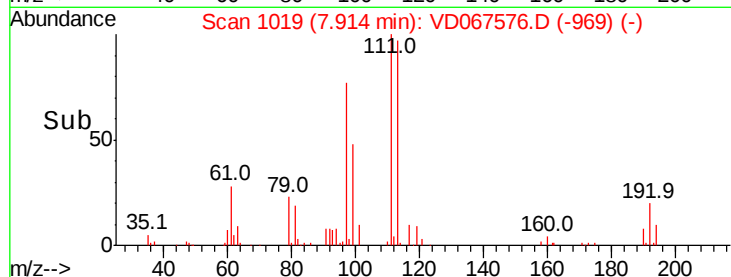
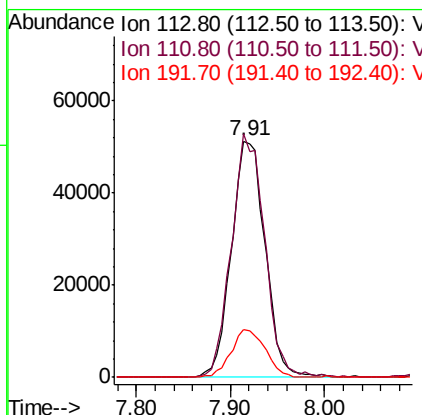
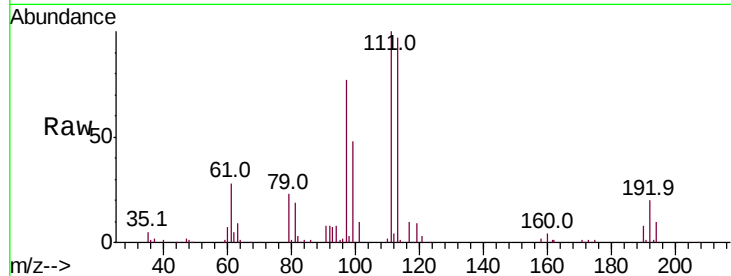




#35
 Dibromofluoromethane
 Concen: 47.194 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

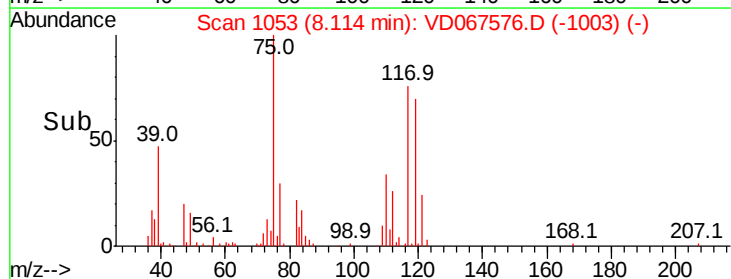
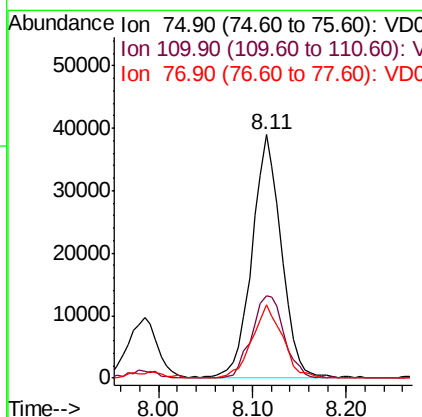
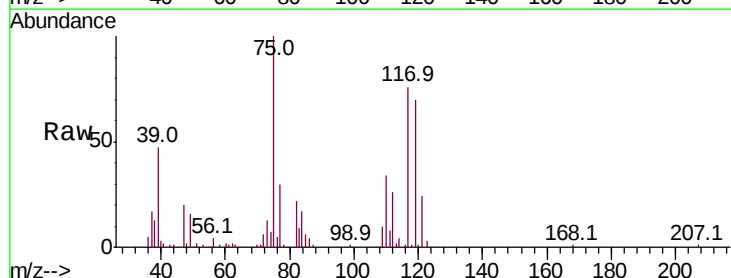
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

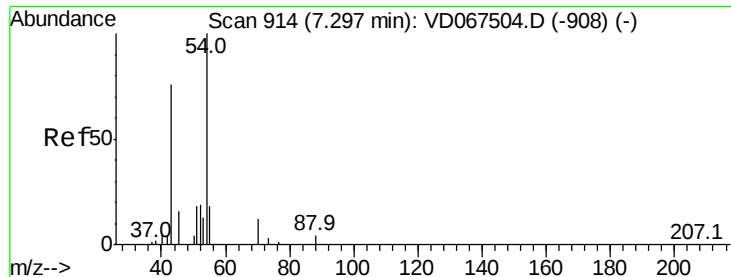
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.0	120.0
192	20.5	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 21.924 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.9	59.7
77	31.2	24.8	37.2

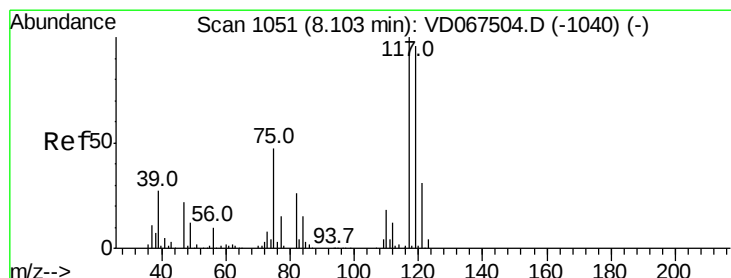
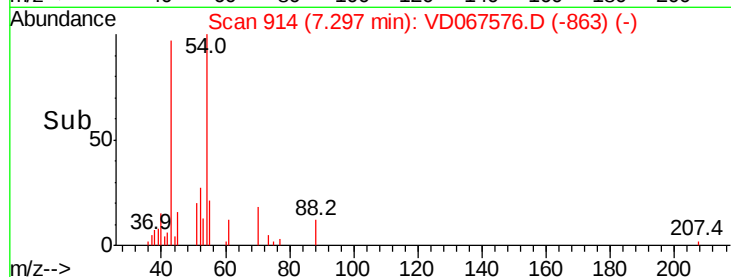
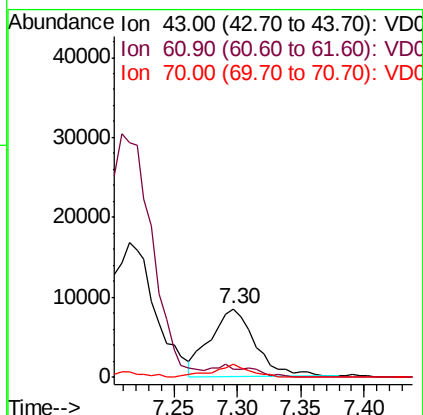
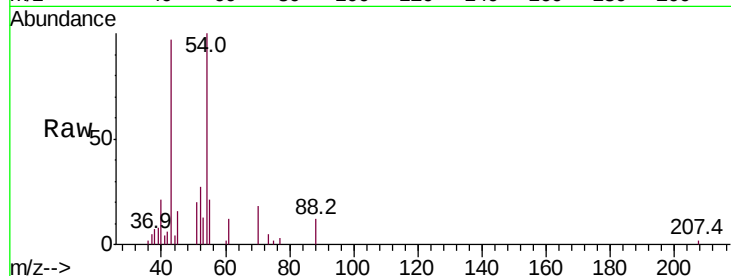




#37
Ethyl Acetate
Concen: 20.657 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

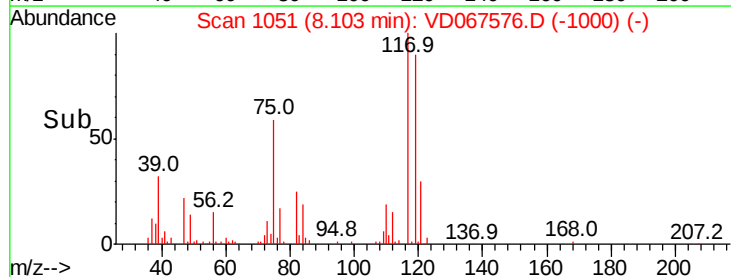
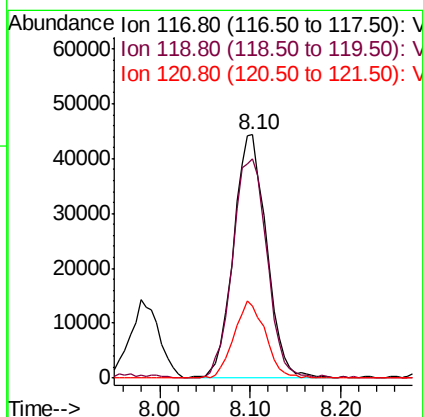
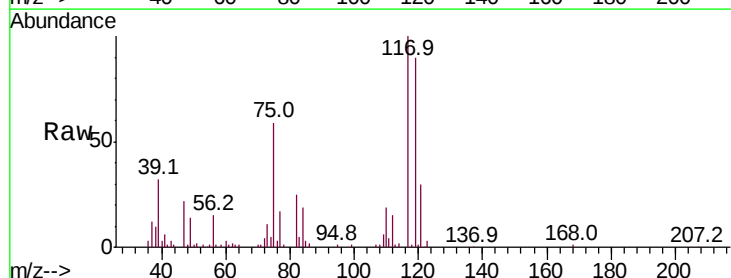
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

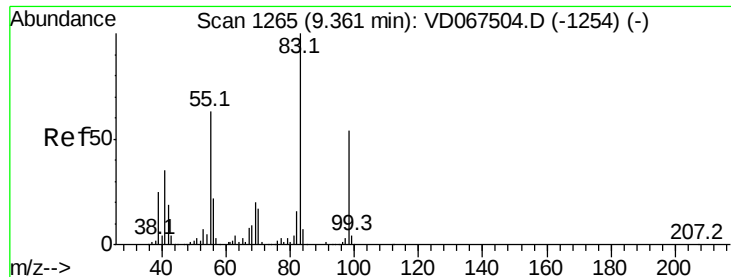
Tot Ion: 43 Resp: 20635
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 15.6 11.7 17.5



#38
Carbon Tetrachloride
Concen: 22.306 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 117 Resp: 111510
Ion Ratio Lower Upper
117 100
119 90.5 76.9 115.3
121 30.0 24.5 36.7

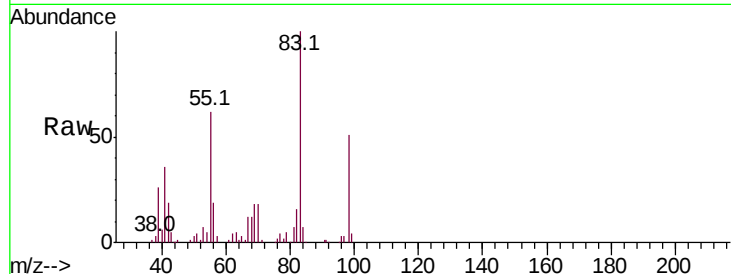




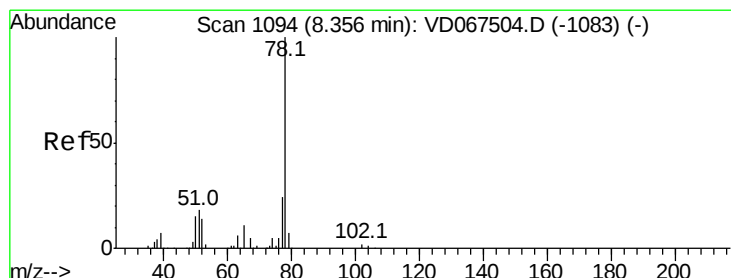
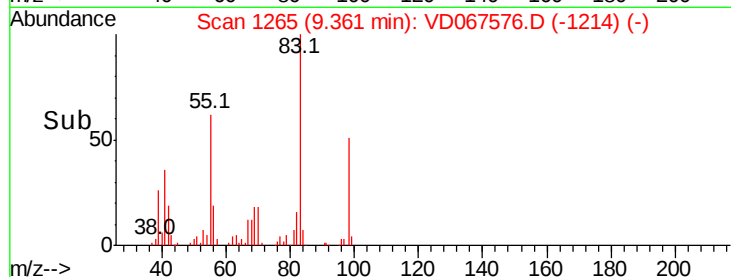
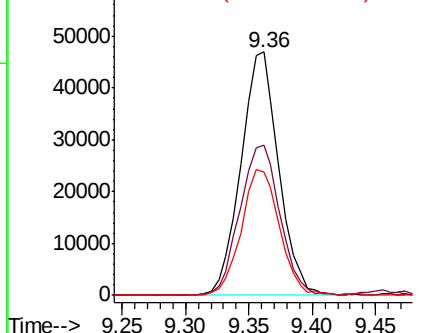
#39
Methvlcvclohexane
Concen: 21.476 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	83	Resp	97254
Ion Ratio	Lower	Upper	
83	100		
55	61.9	50.5	75.7
98	50.6	43.4	65.0

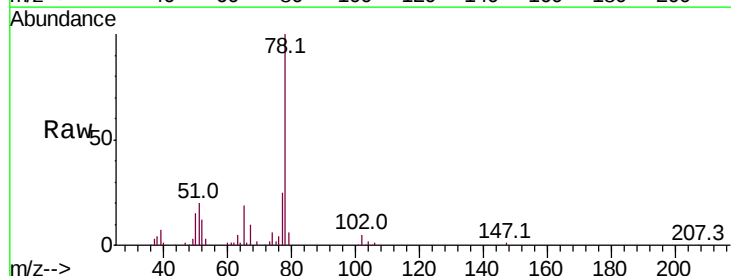


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

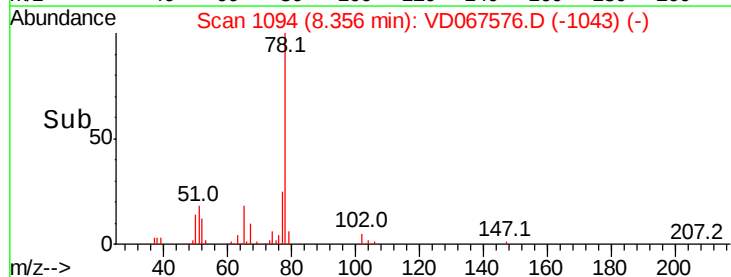
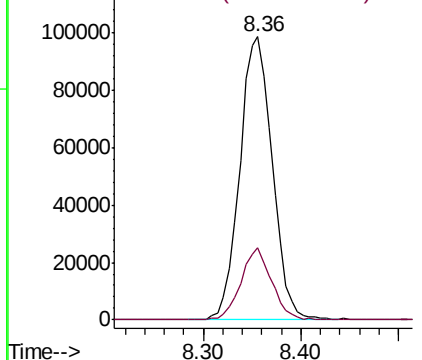


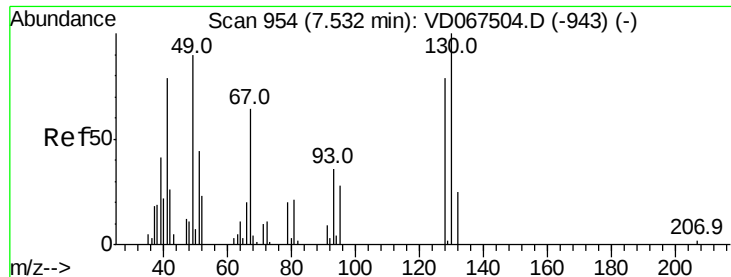
#40
Benzene
Concen: 21.869 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	78	Resp	227931
Ion Ratio	Lower	Upper	
78	100		
77	25.4	19.1	28.7



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





#41

Methacrylonitrile

Concen: 18.965 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 41 Resp: 11324

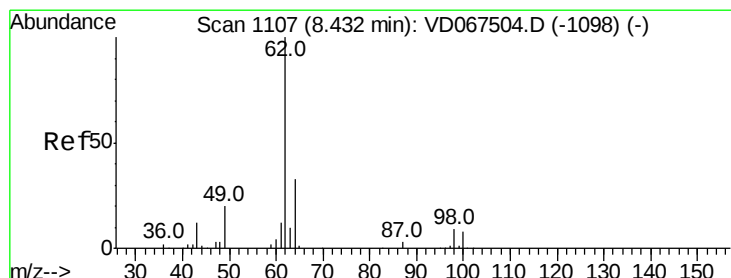
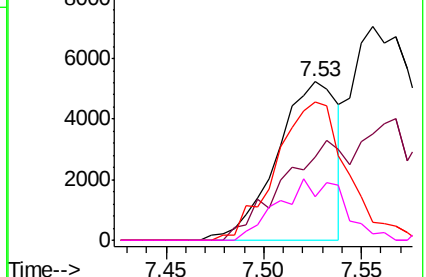
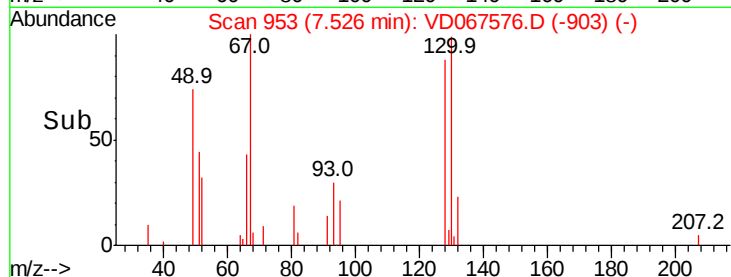
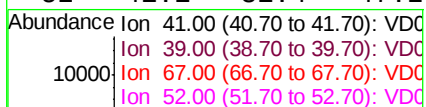
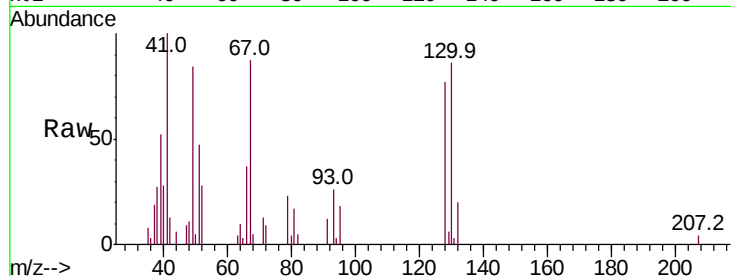
Ion Ratio Lower Upper

41 100

39 67.4 51.3 76.9

67 101.3 78.9 118.3

52 41.1 31.4 47.2



#42

1,2-Dichloroethane

Concen: 21.007 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067576.D

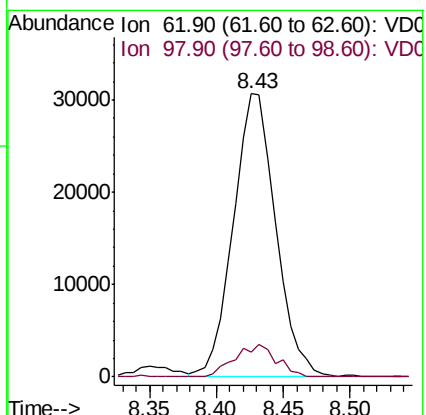
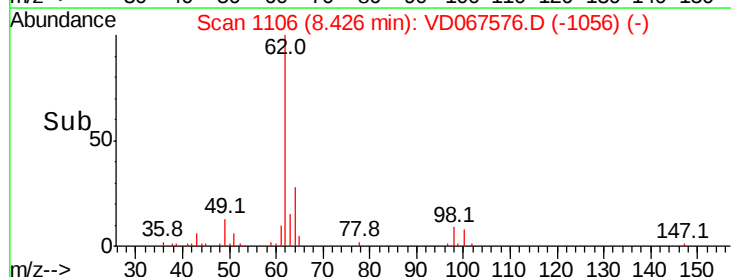
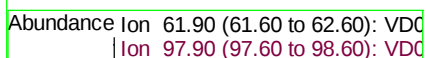
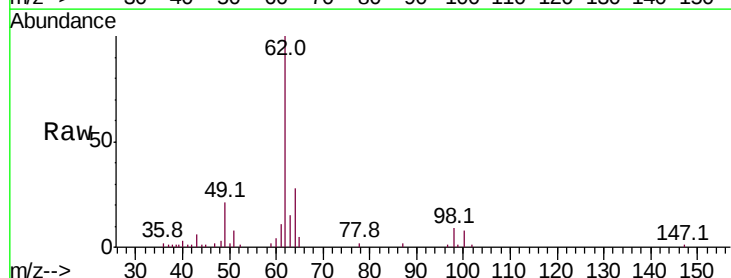
Acq: 10 Nov 2020 12:21

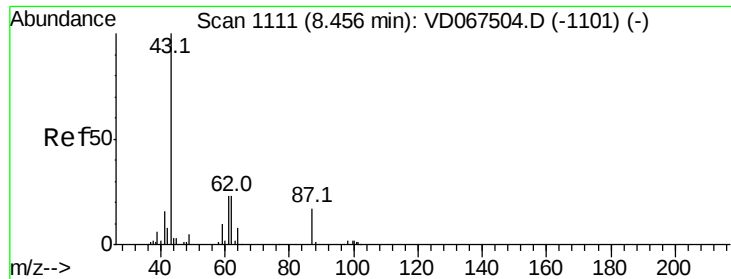
Tgt Ion: 62 Resp: 67647

Ion Ratio Lower Upper

62 100

98 11.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.593 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

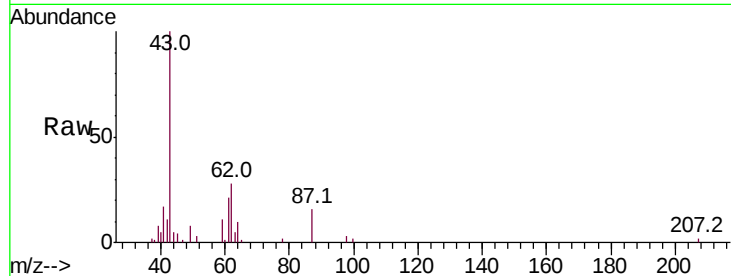
Tot Ion: 43 Resp: 42658

Ion Ratio Lower Upper

43 100

61 38.4 30.5 45.7

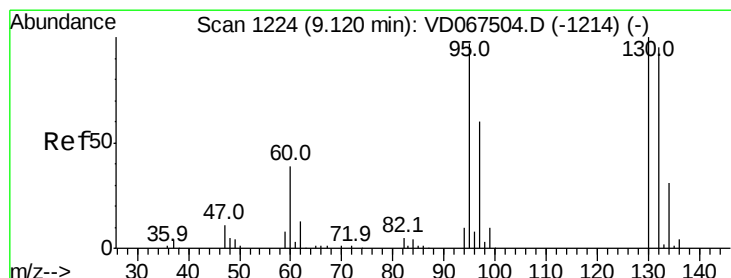
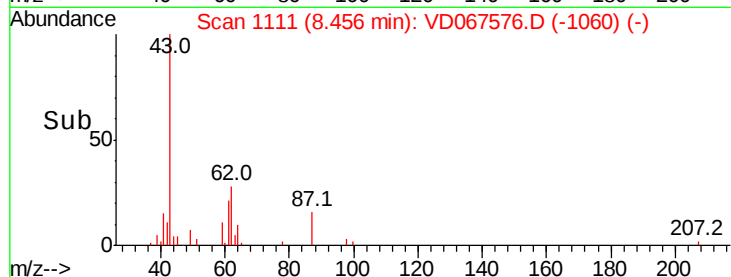
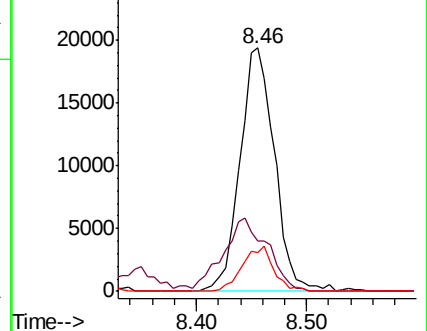
87 17.0 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.519 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067576.D

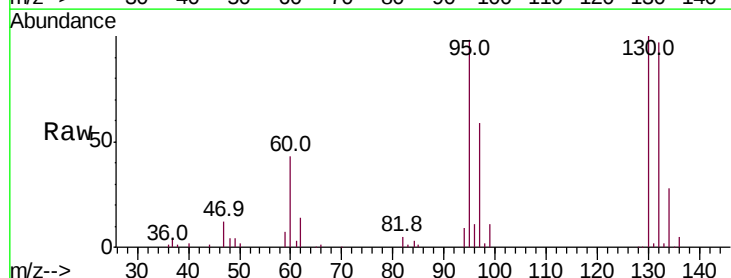
Acq: 10 Nov 2020 12:21

Tgt Ion: 130 Resp: 73743

Ion Ratio Lower Upper

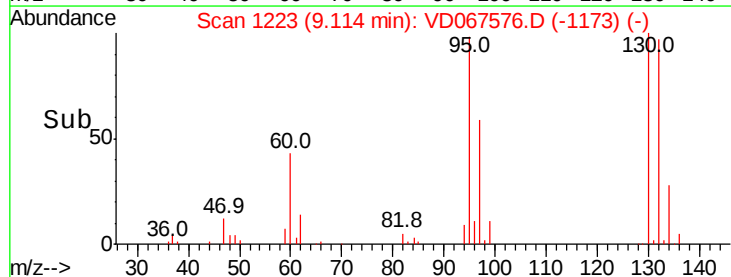
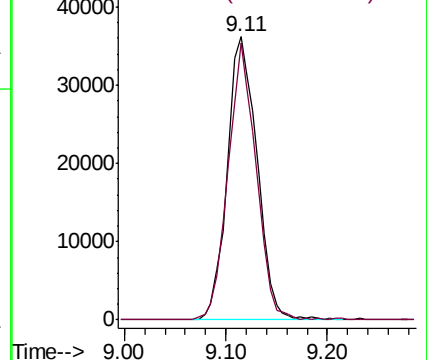
130 100

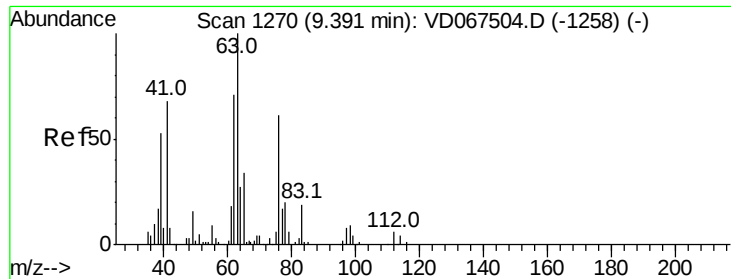
95 97.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.066 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

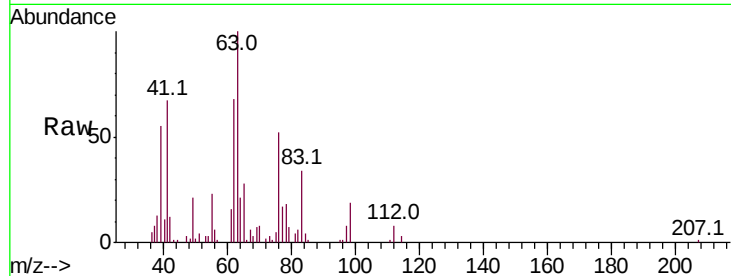
VD1110SBSD01

Tot Ion: 63 Resp: 49723

Ion Ratio Lower Upper

63 100

65 28.5 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

25000

20000

15000

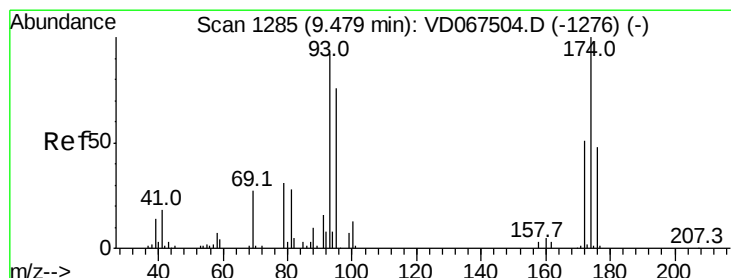
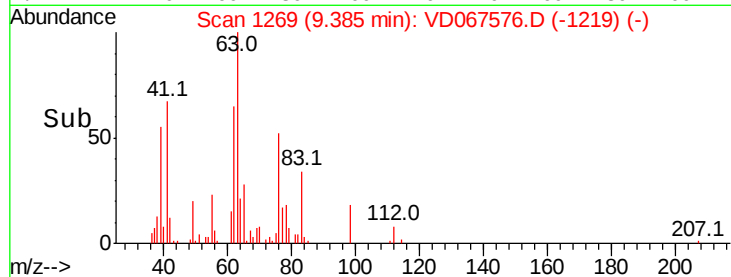
10000

5000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 21.295 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

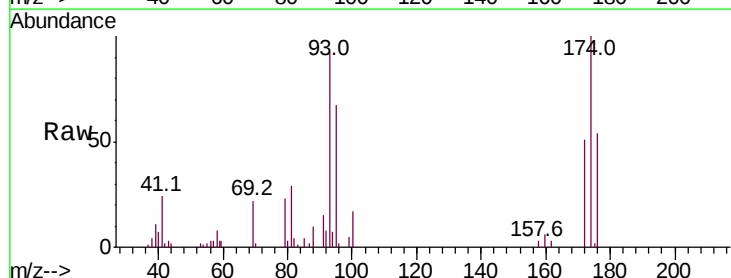
Tgt Ion: 93 Resp: 30510

Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 110.9 88.2 132.4



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

20000

15000

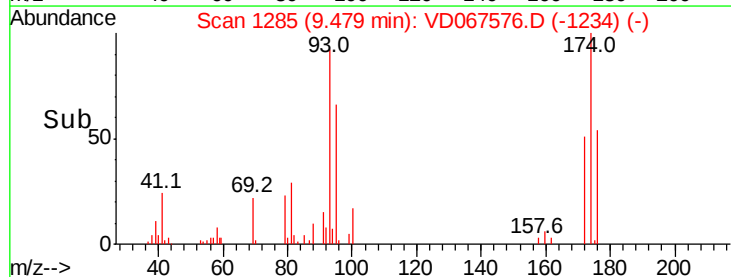
10000

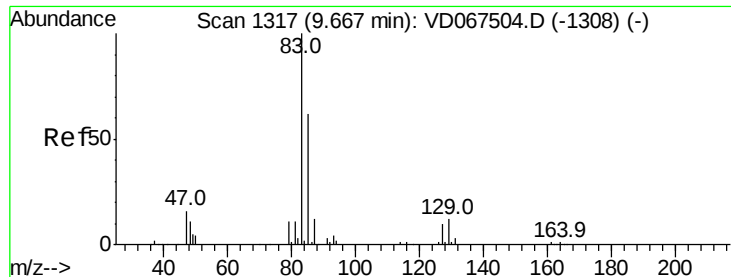
5000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 21.515 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

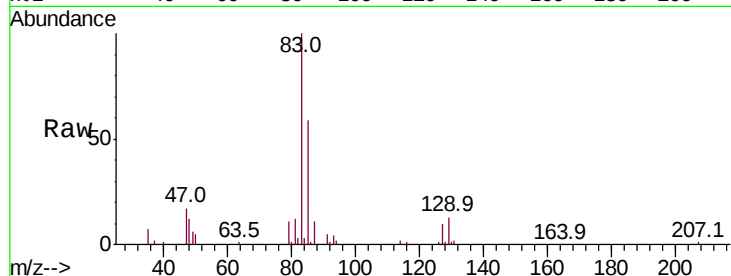
Tot Ion: 83 Resp: 83785

Ion Ratio Lower Upper

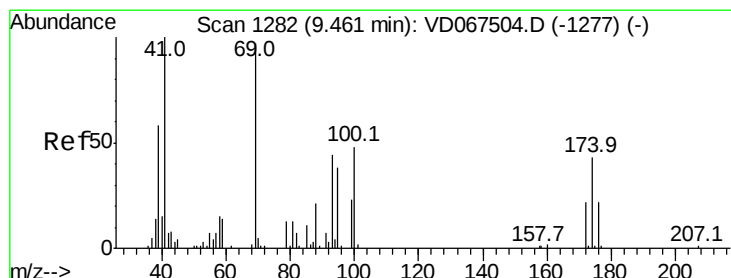
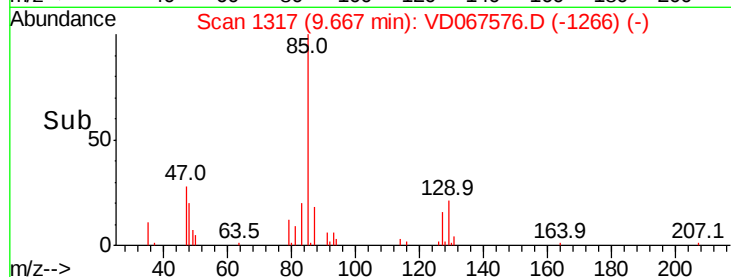
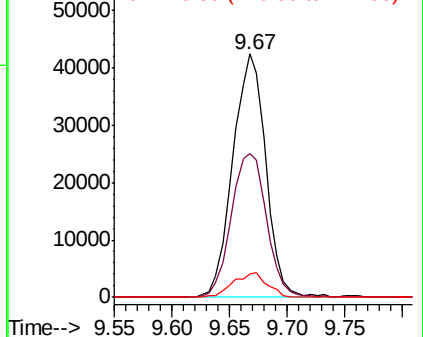
83 100

85 59.3 49.4 74.2

127 9.8 7.7 11.5



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



#48

Methyl methacrylate

Concen: 19.411 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

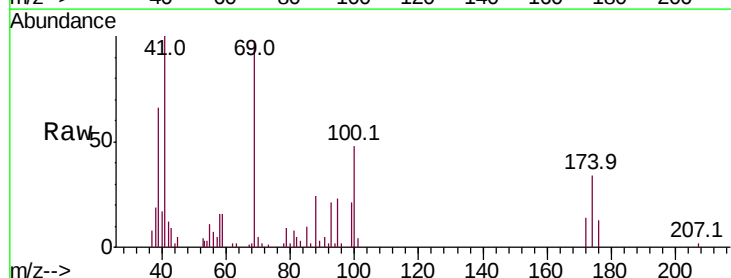
Tgt Ion: 41 Resp: 19800

Ion Ratio Lower Upper

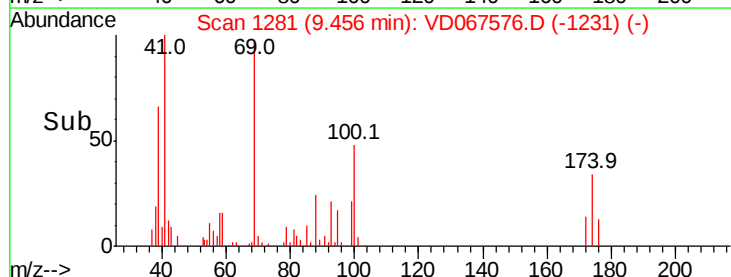
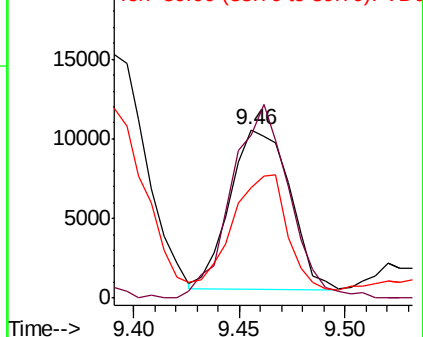
41 100

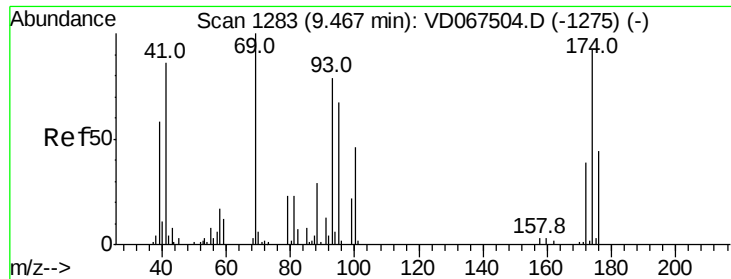
69 116.1 80.6 121.0

39 66.0 50.2 75.4



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: 462.771 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

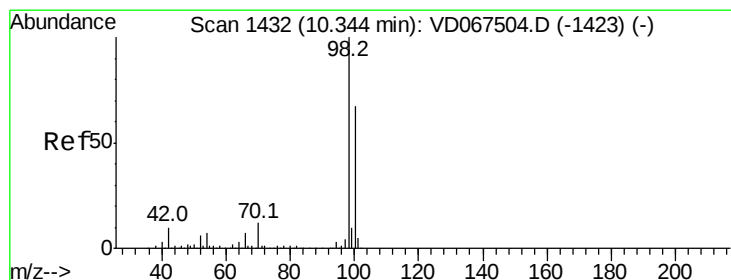
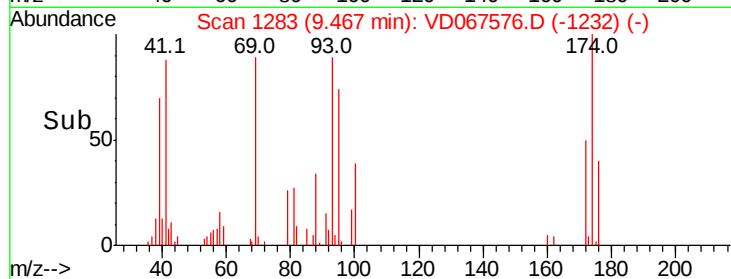
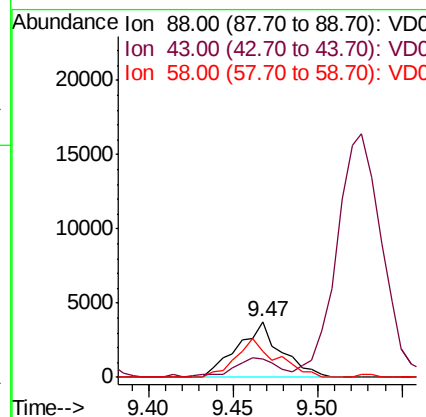
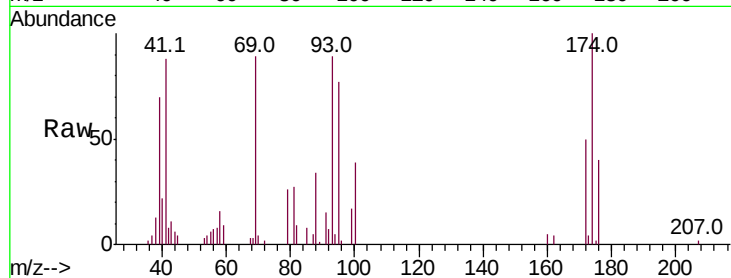
Tot Ion: 88 Resp: 6731

Ion Ratio Lower Upper

88 100

43 35.4 23.6 35.4#

58 64.3 44.7 67.1



#50

Toluene-d8

Concen: 46.851 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067576.D

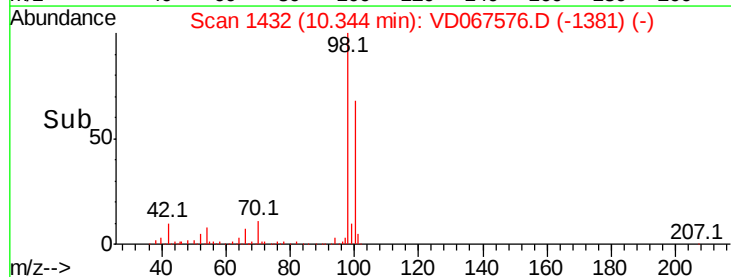
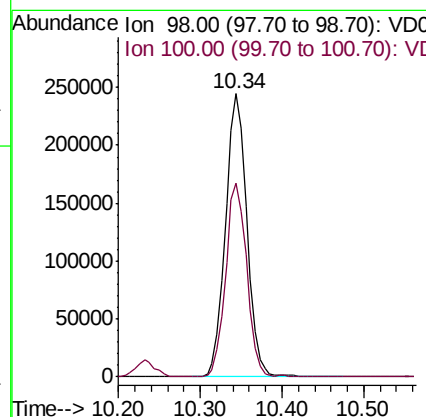
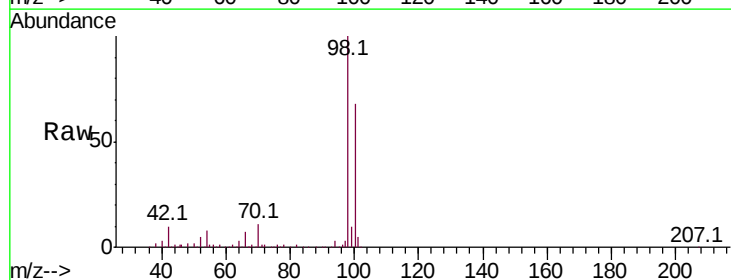
Acq: 10 Nov 2020 12:21

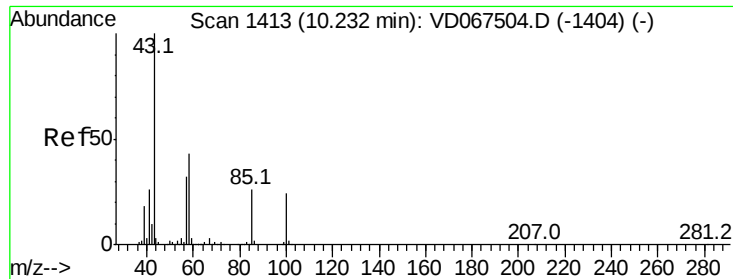
Tgt Ion: 98 Resp: 445897

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.6

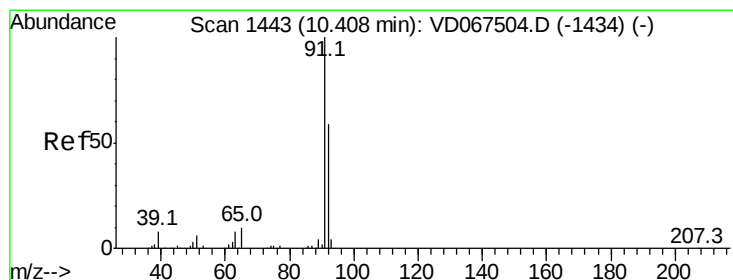
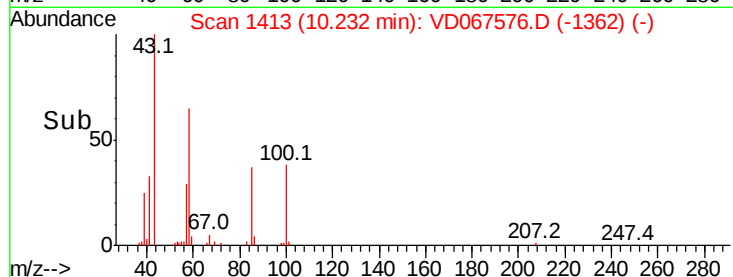
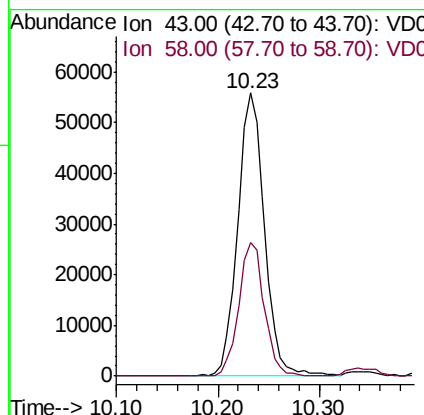
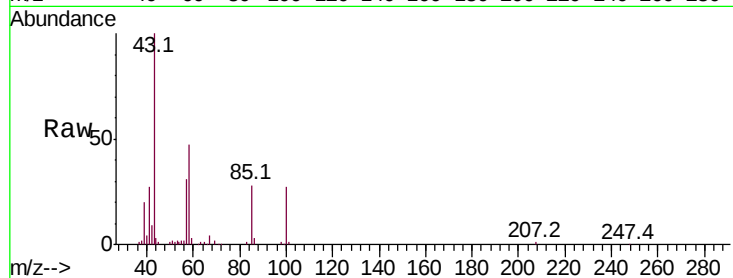




#51
4-Methyl-2-Pentanone
Concen: 108.211 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

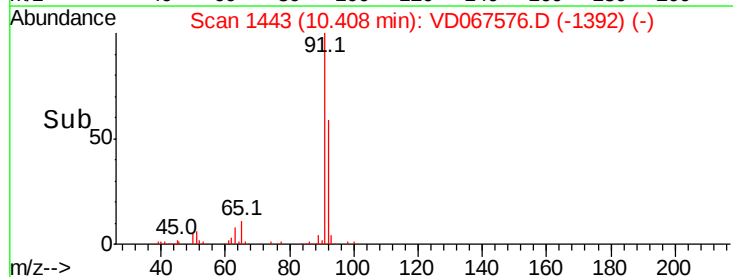
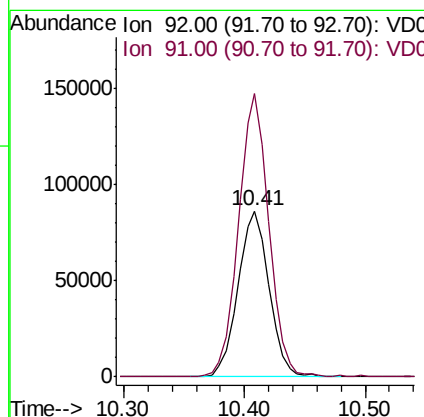
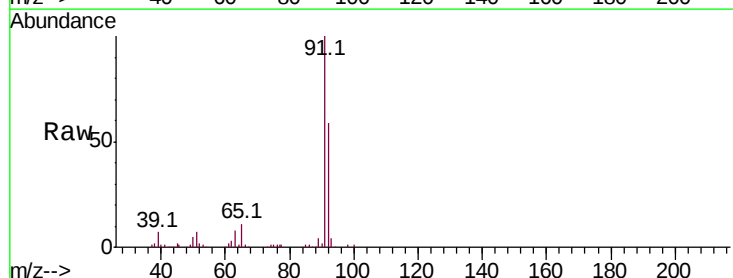
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

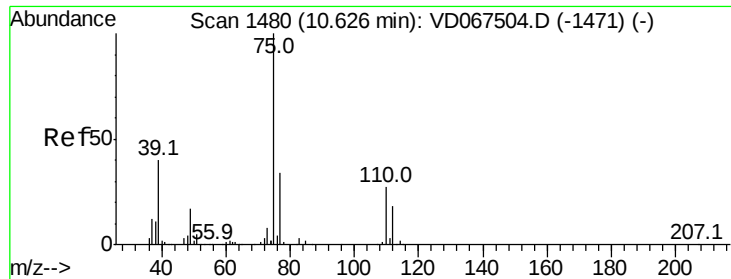
Tot Ion: 43 Resp: 102239
Ion Ratio Lower Upper
43 100
58 45.2 35.6 53.4



#52
Toluene
Concen: 22.194 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 92 Resp: 154936
Ion Ratio Lower Upper
92 100
91 166.5 137.0 205.6

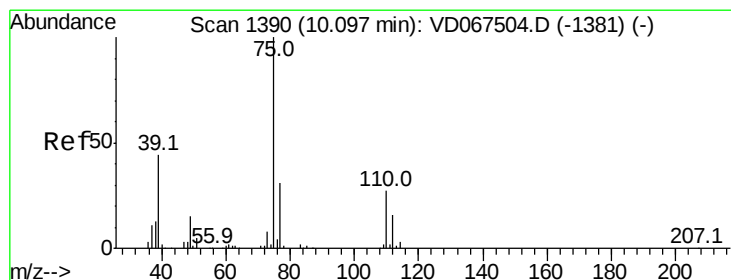
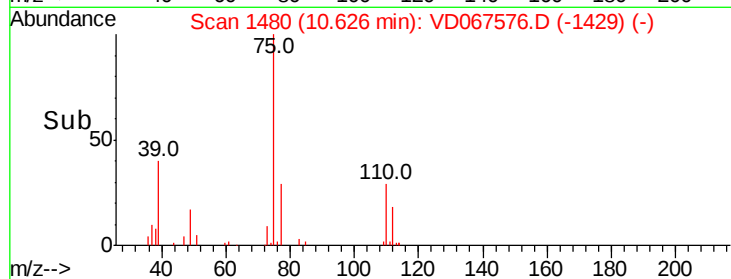
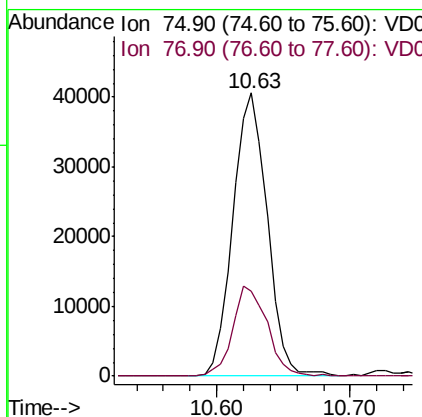
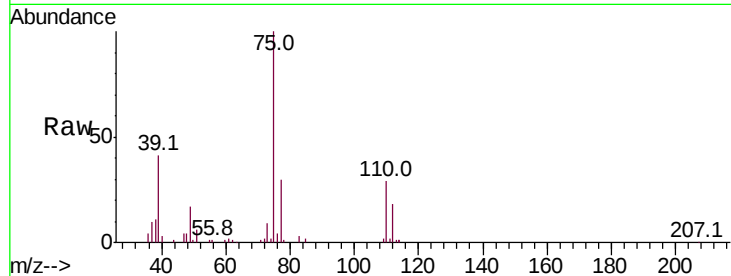




#53
t-1,3-Dichloropropene
Concen: 21.754 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

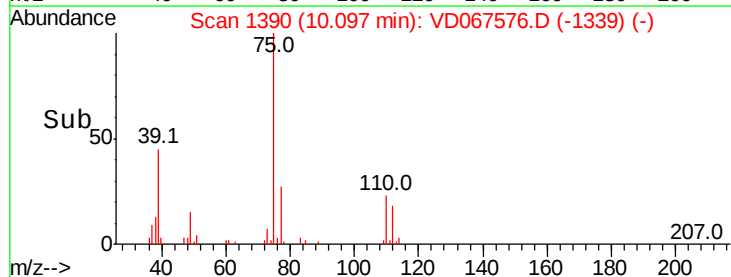
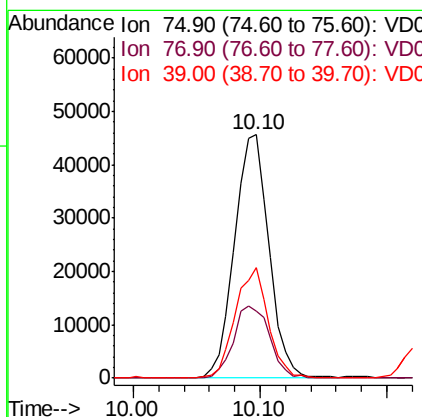
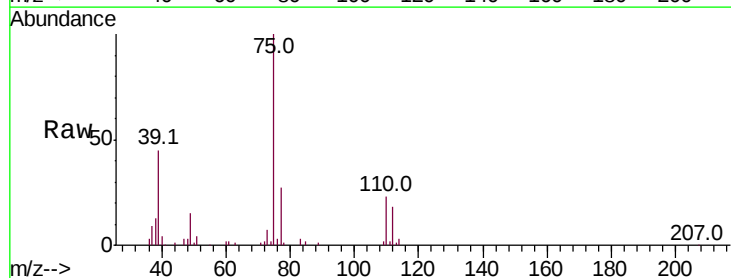
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

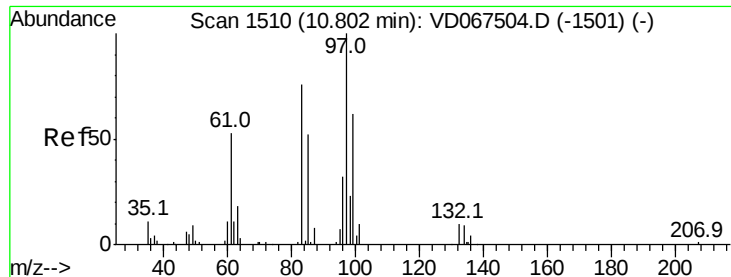
Tot Ion: 75 Resp: 72557
Ion Ratio Lower Upper
75 100
77 30.0 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 21.671 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 75 Resp: 85874
Ion Ratio Lower Upper
75 100
77 27.4 24.4 36.6
39 45.4 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 22.696 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBSD01

Tot Ion: 97 Resp: 43026

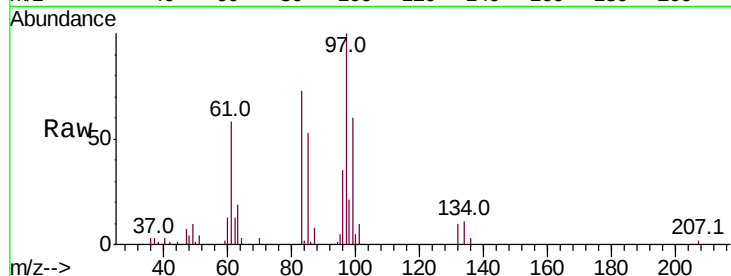
Ion	Ratio	Lower	Upper
97	100		
83	72.6	61.0	91.6
85	52.9	41.5	62.3
99	59.9	49.4	74.2

97 100

83 72.6 61.0 91.6

85 52.9 41.5 62.3

99 59.9 49.4 74.2

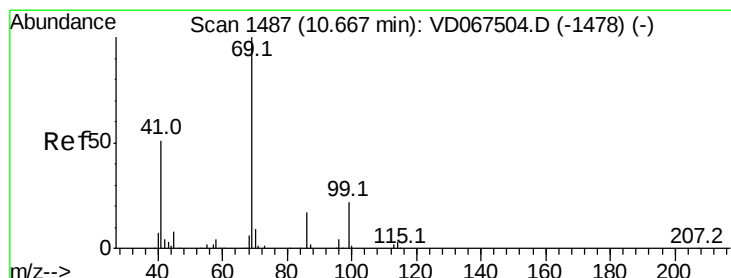
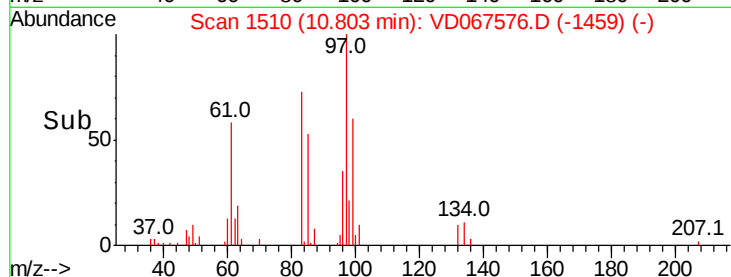
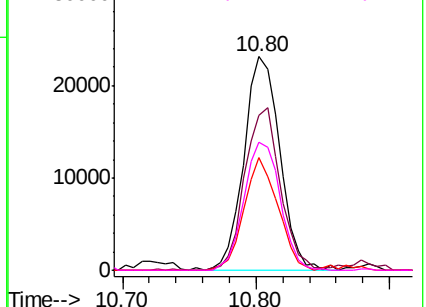


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.196 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

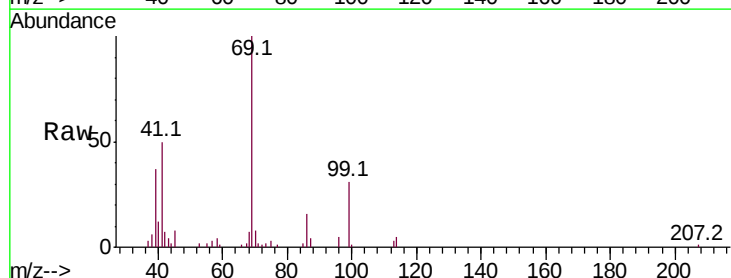
Tgt Ion: 69 Resp: 39536

Ion	Ratio	Lower	Upper
69	100		
41	54.7	45.4	68.0
39	33.9	27.4	41.0

69 100

41 54.7 45.4 68.0

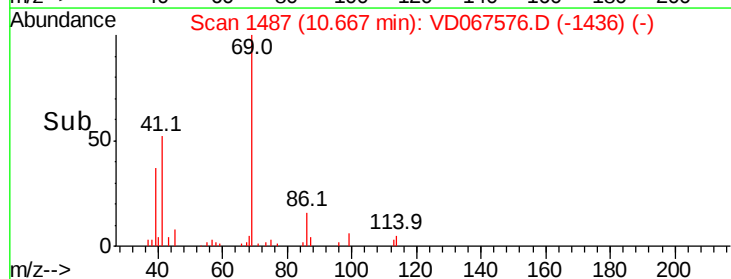
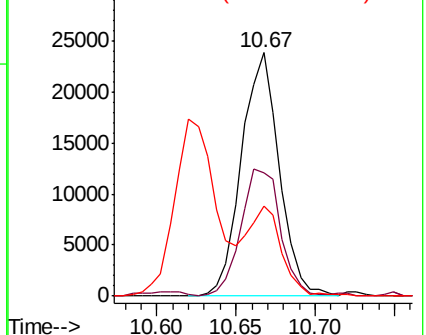
39 33.9 27.4 41.0

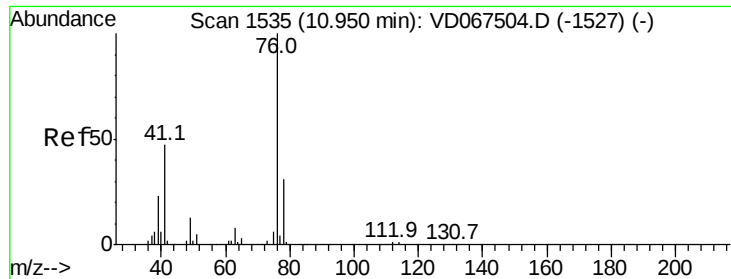


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.524 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

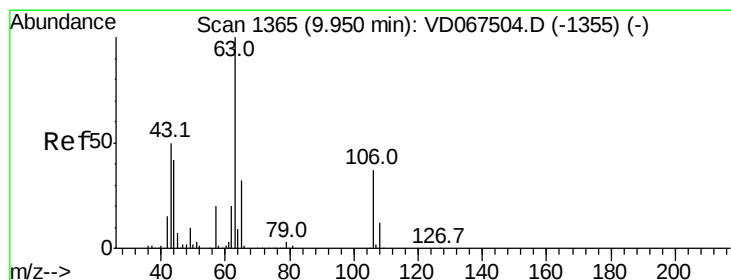
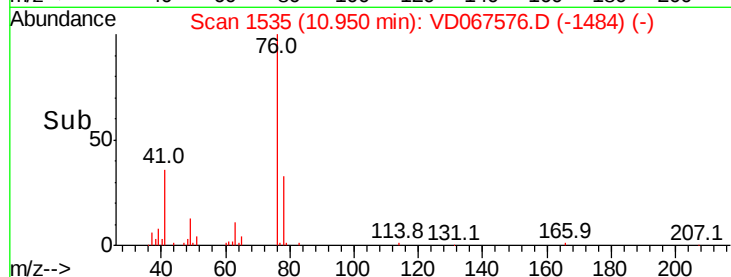
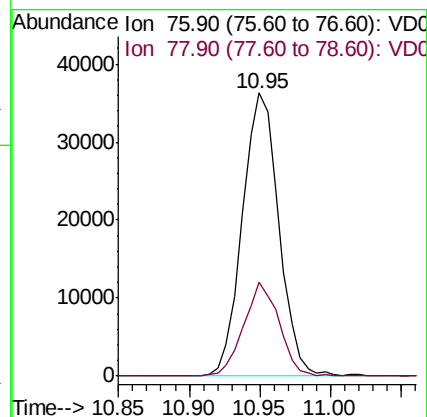
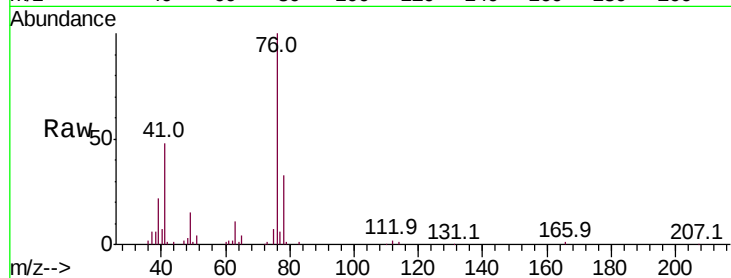
VD1110SBS01

Tot Ion: 76 Resp: 65660

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.953 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067576.D

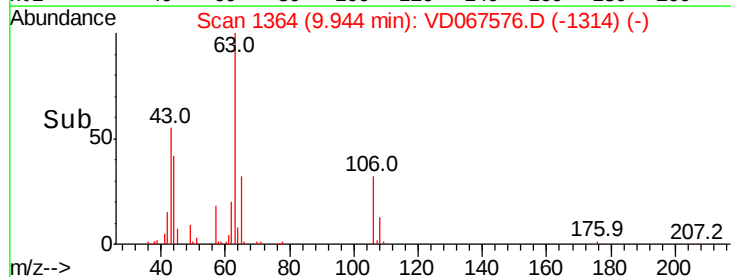
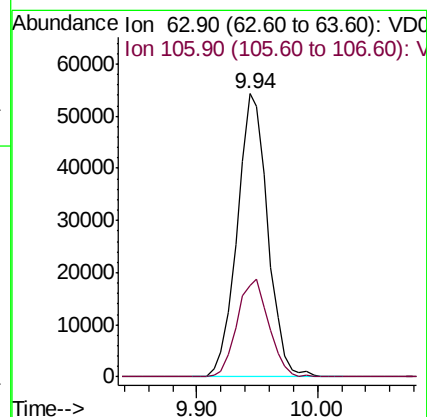
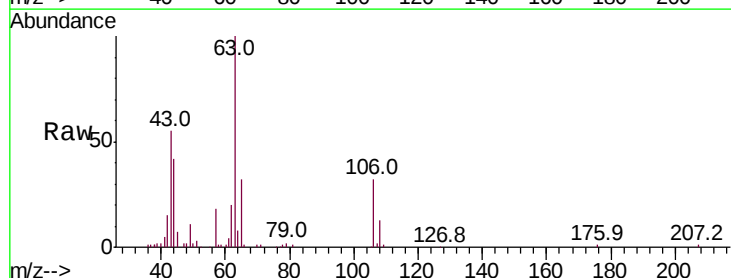
Acq: 10 Nov 2020 12:21

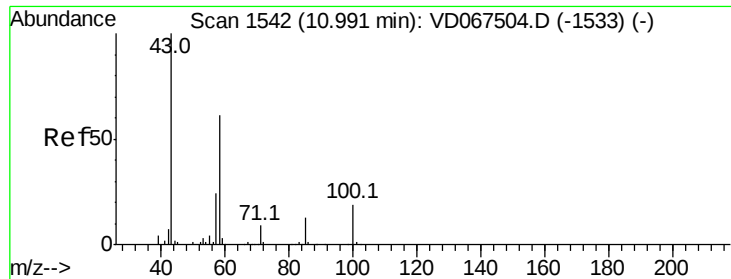
Tgt Ion: 63 Resp: 95813

Ion Ratio Lower Upper

63 100

106 35.6 29.2 43.8

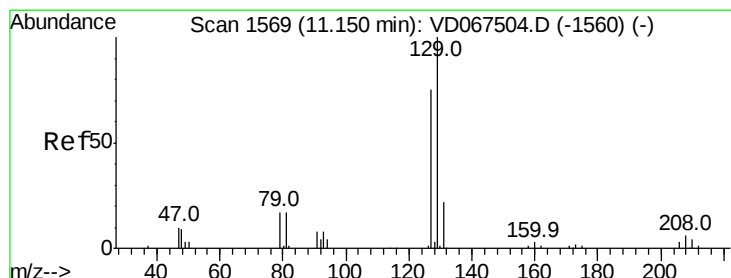
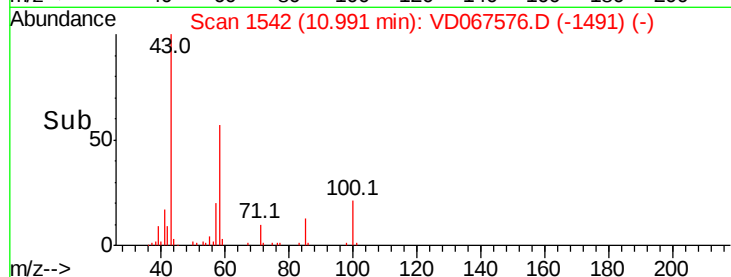
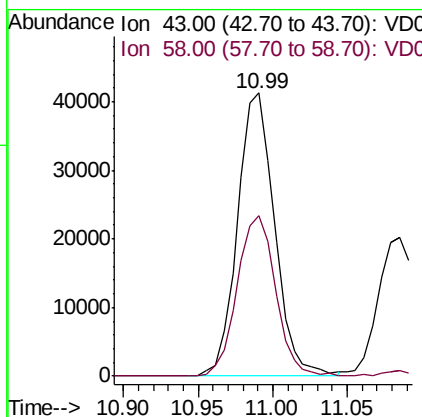
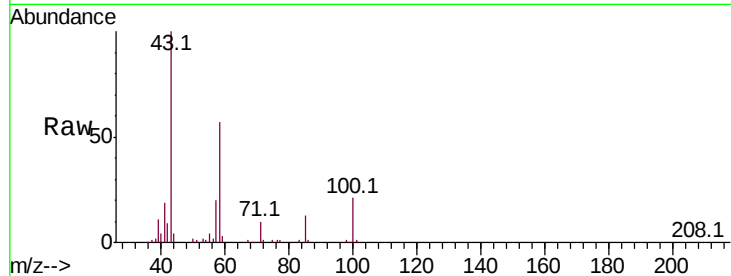




#59
2-Hexanone
Concen: 107.936 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

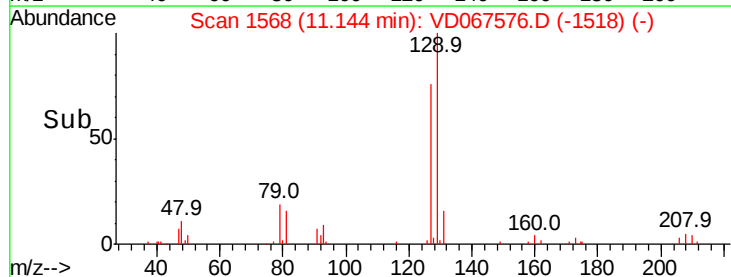
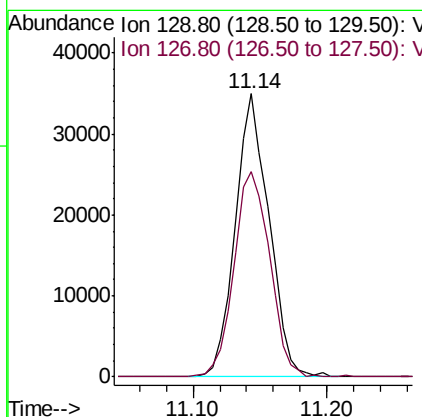
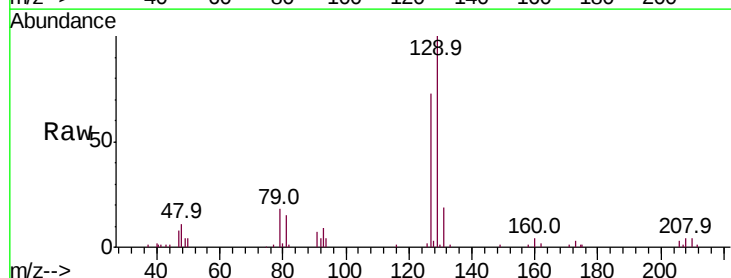
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

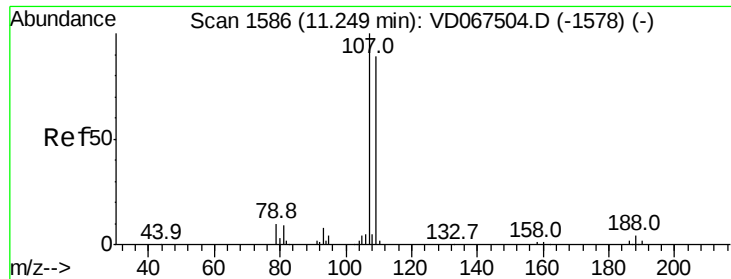
Tot Ion: 43 Resp: 71304
Ion Ratio Lower Upper
43 100
58 58.8 30.3 90.9



#60
Dibromochloromethane
Concen: 21.806 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 129 Resp: 61150
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

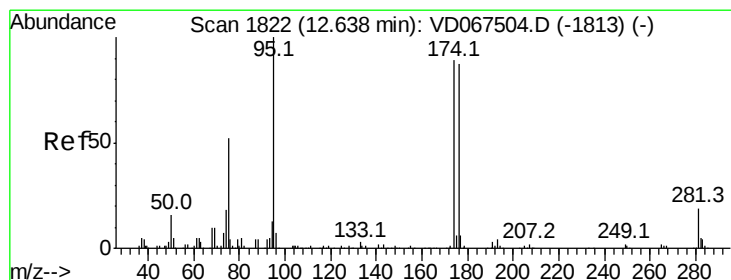
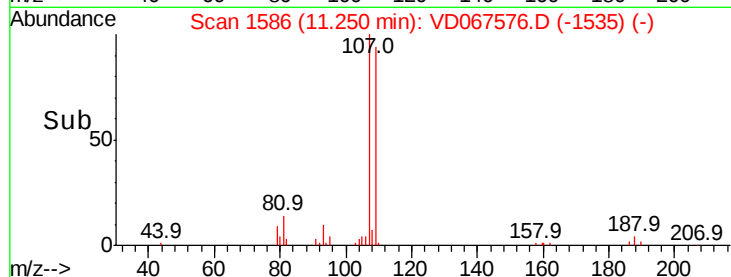
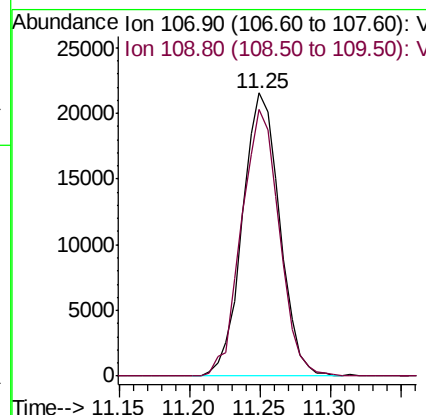
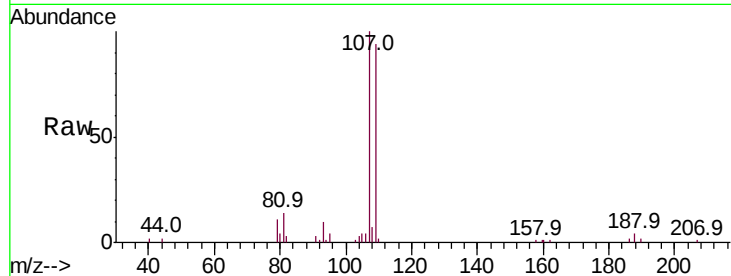




#61
 1,2-Dibromoethane
 Concen: 20.962 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

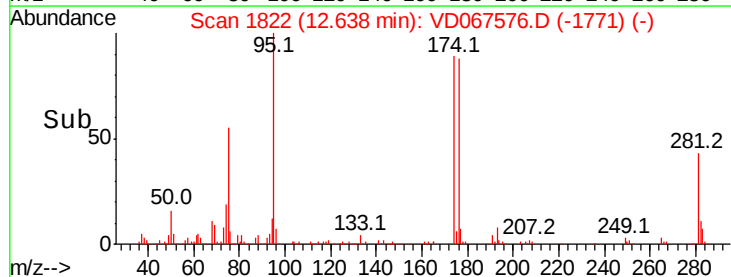
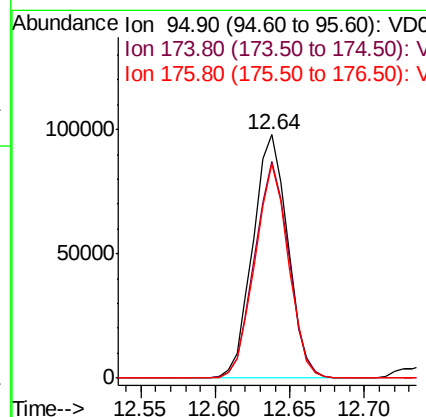
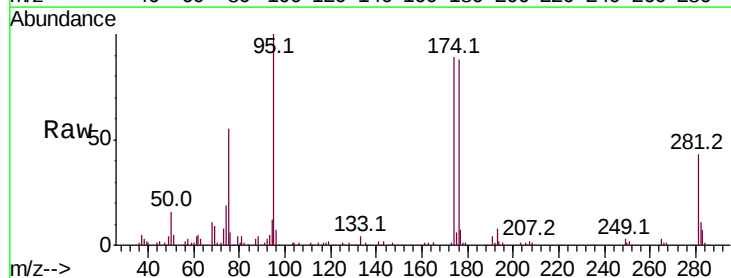
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

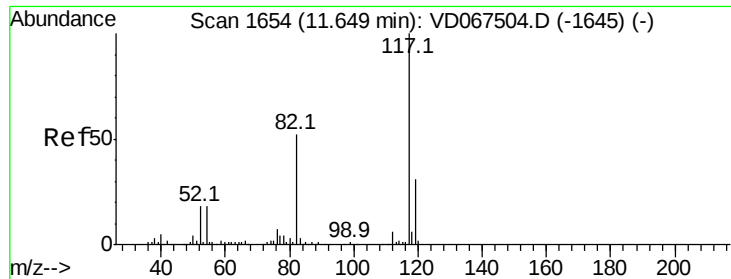
Tot Ion:107 Resp: 39883
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.124 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 95 Resp: 158126
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 177.8
 176 84.9 0.0 172.0

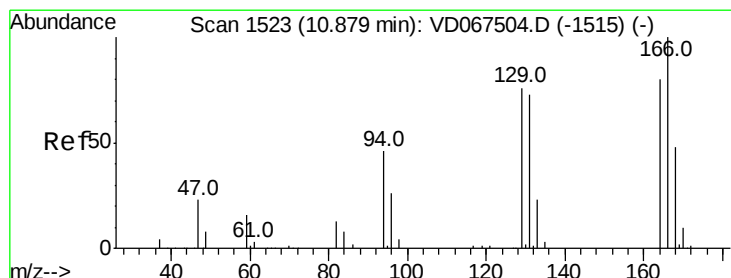
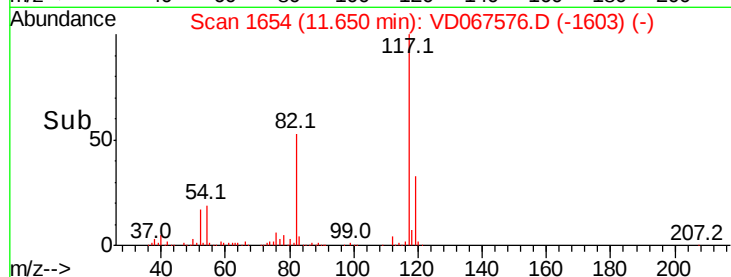
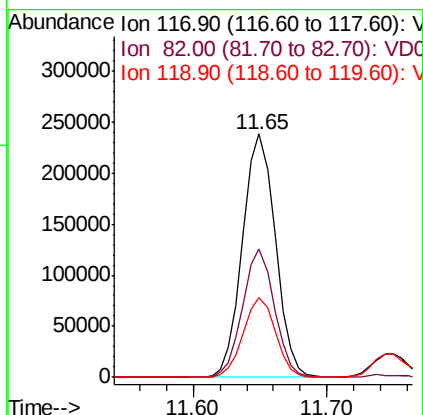
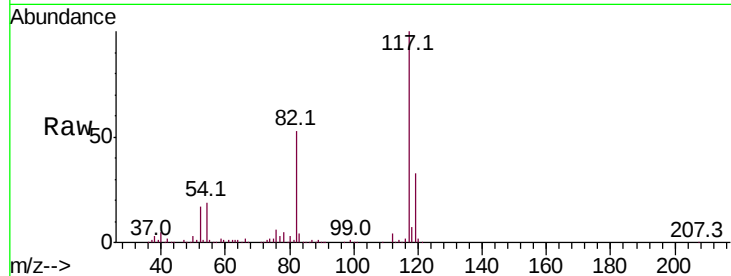




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

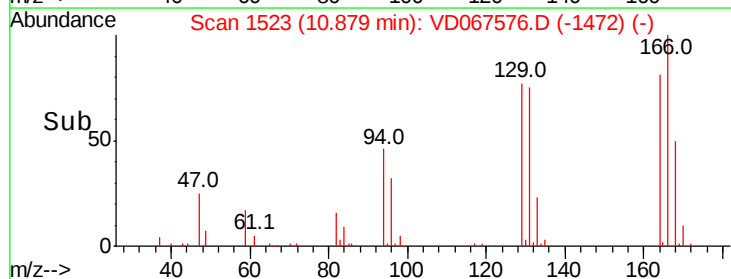
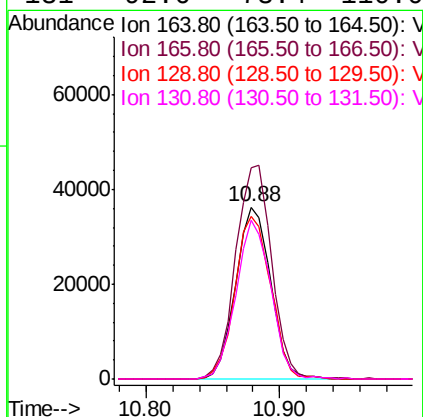
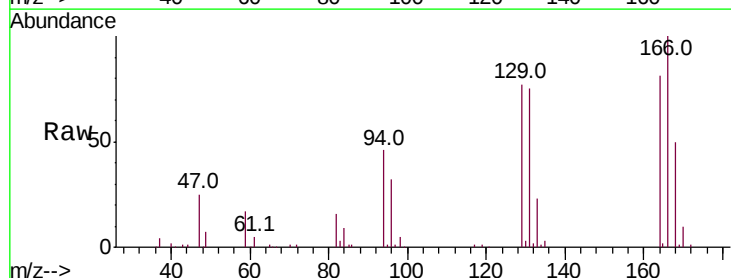
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

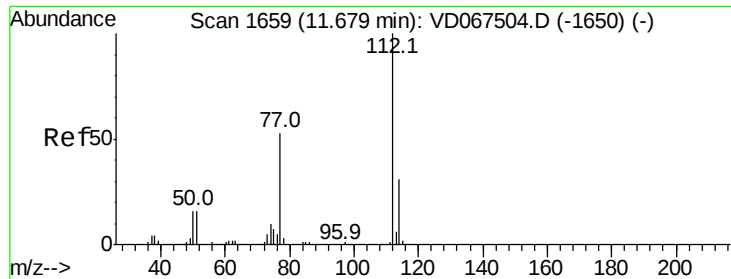
Tot Ion:117 Resp: 407679
Ion Ratio Lower Upper
117 100
82 52.5 41.6 62.4
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 21.822 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion:164 Resp: 65886
Ion Ratio Lower Upper
164 100
166 122.8 99.9 149.9
129 94.5 75.5 113.3
131 92.6 73.4 110.0





#65

Chlorobenzene

Concen: 21.456 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

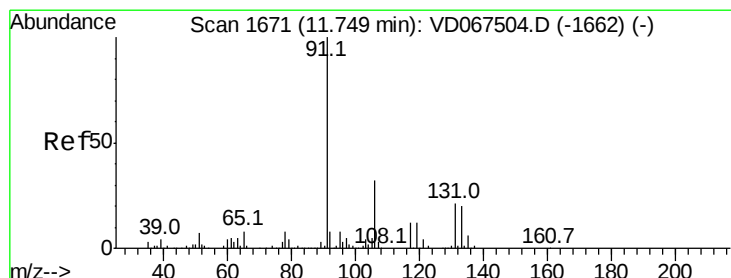
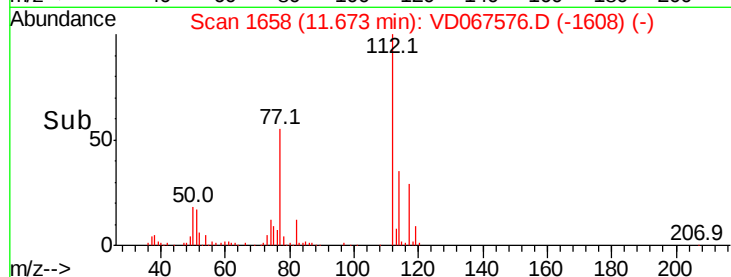
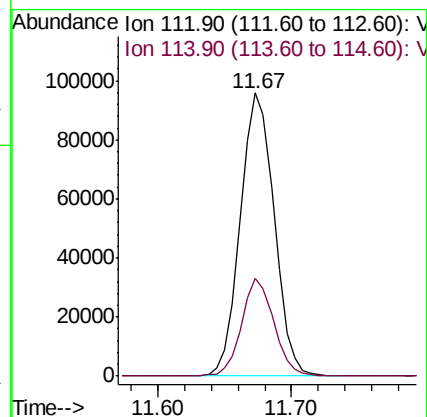
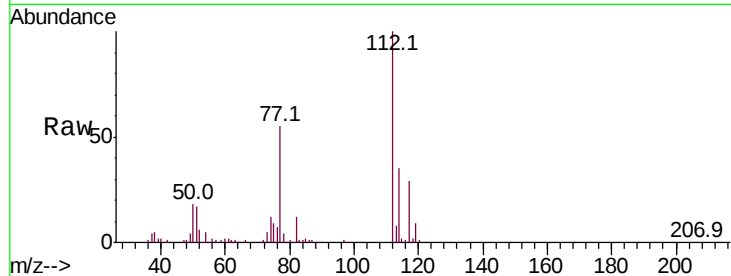
VD1110SBSD01

Tot Ion:112 Resp: 168491

Ion Ratio Lower Upper

112 100

114 34.7 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.233 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

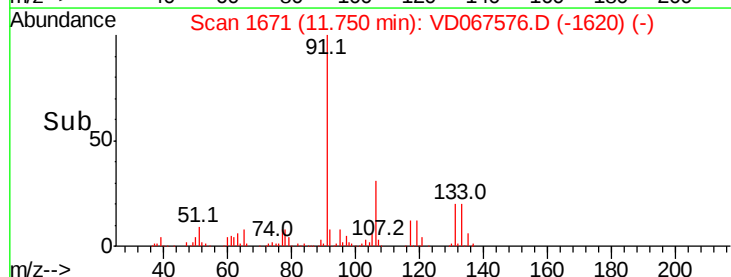
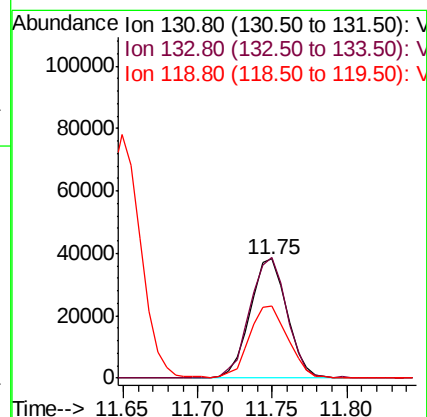
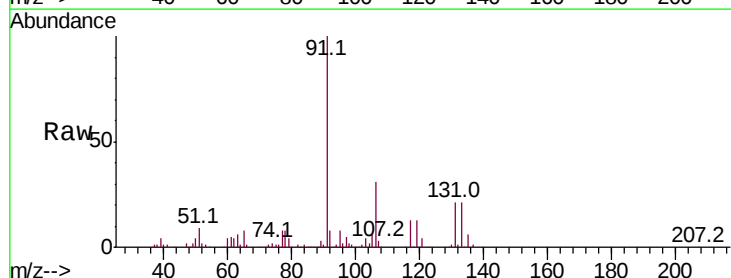
Tgt Ion:131 Resp: 65719

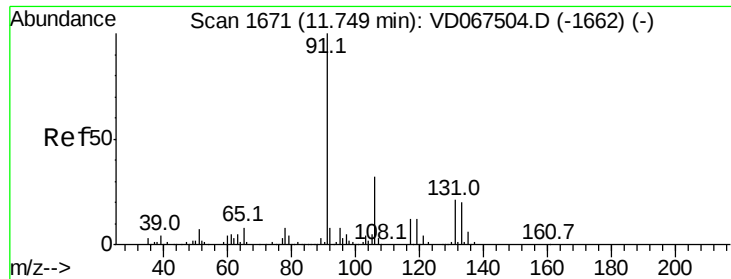
Ion Ratio Lower Upper

131 100

133 100.9 48.0 144.0

119 62.8 30.1 90.5





#67

Ethyl Benzene

Concen: 22.091 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

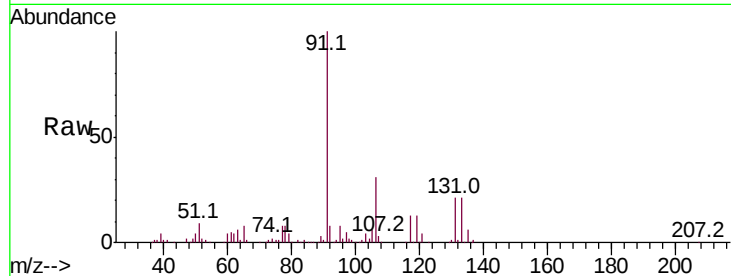
VD1110SBS01

Tot Ion: 91 Resp: 296858

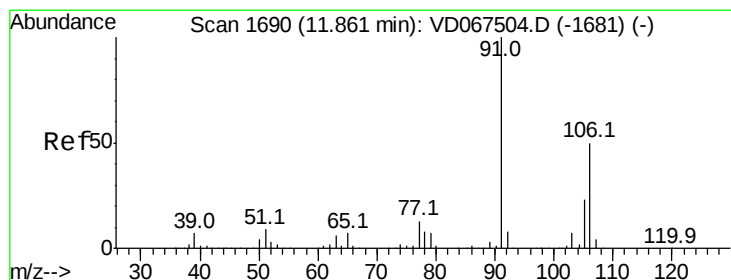
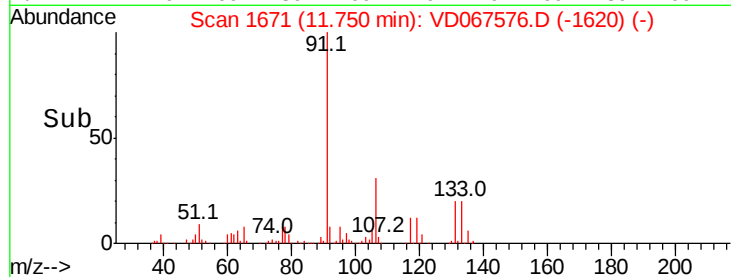
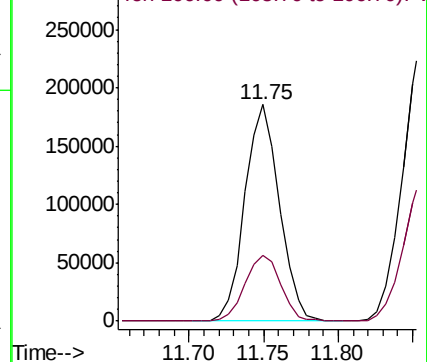
Ion Ratio Lower Upper

91 100

106 30.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 44.427 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067576.D

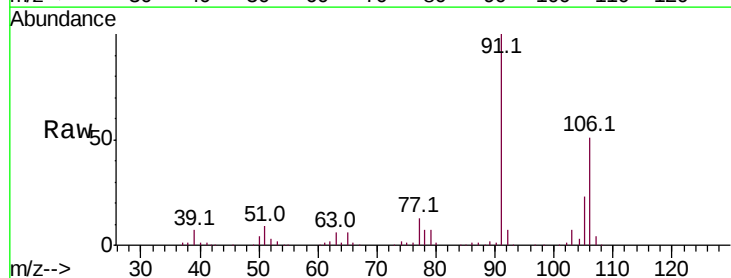
Acq: 10 Nov 2020 12:21

Tgt Ion: 106 Resp: 232264

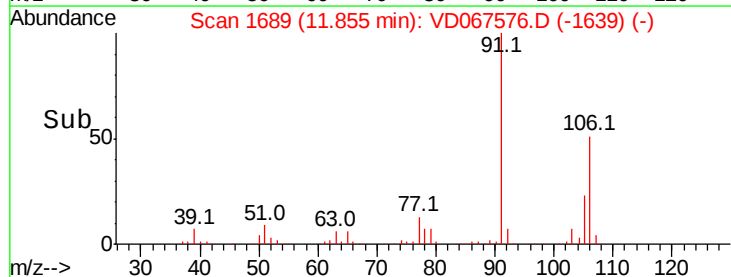
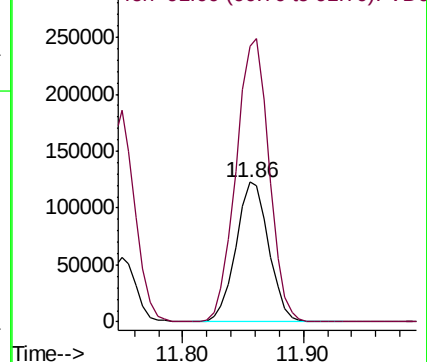
Ion Ratio Lower Upper

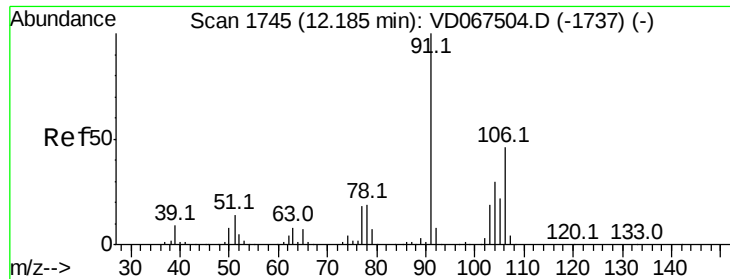
106 100

91 204.9 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

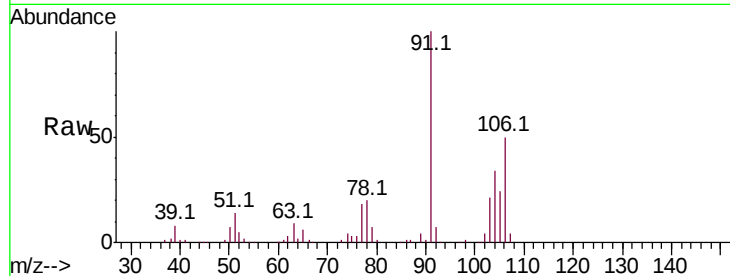




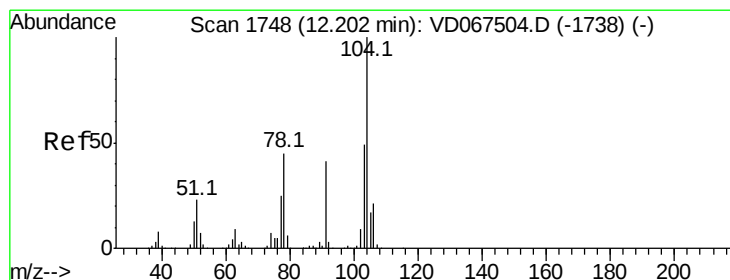
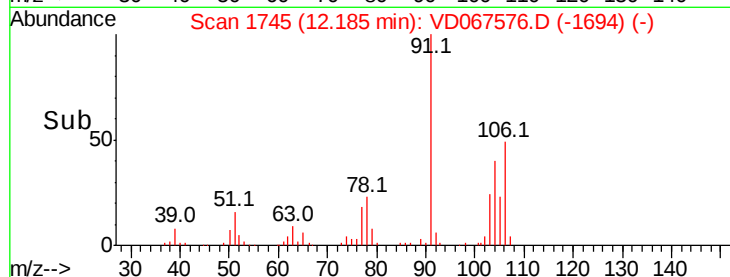
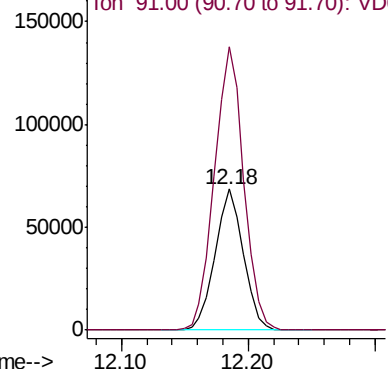
#69
o-Xylene
Concen: 22.820 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion:106 Resp: 106517
Ion Ratio Lower Upper
106 100
91 206.8 107.1 321.1

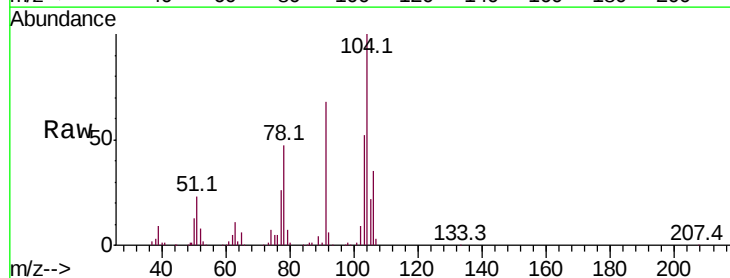


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

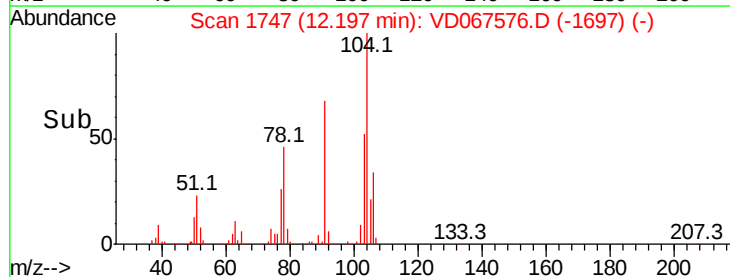
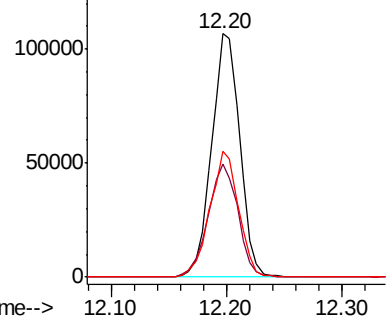


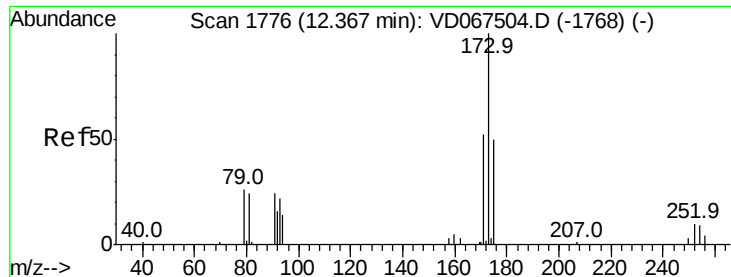
#70
Styrene
Concen: 22.181 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion:104 Resp: 180409
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 52.8 43.9 65.9



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





#71

Bromoform

Concen: 22.051 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

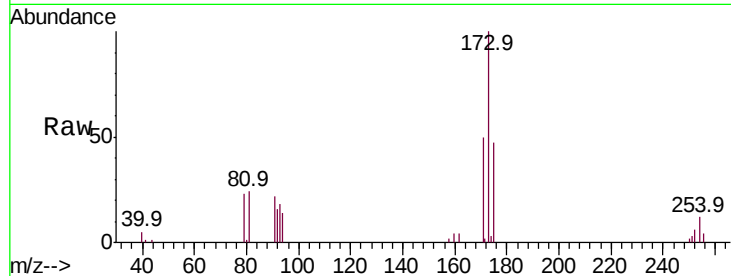
Tot Ion:173 Resp: 34809

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.2

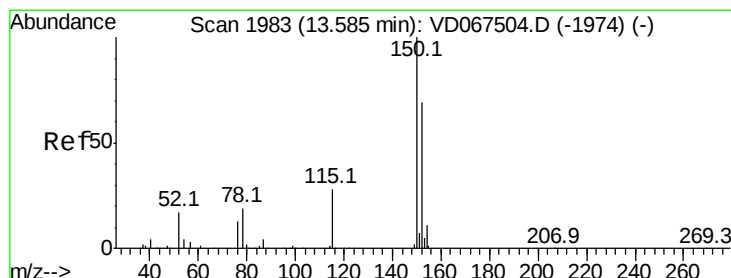
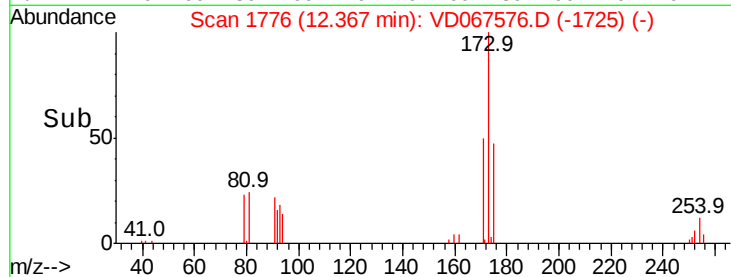
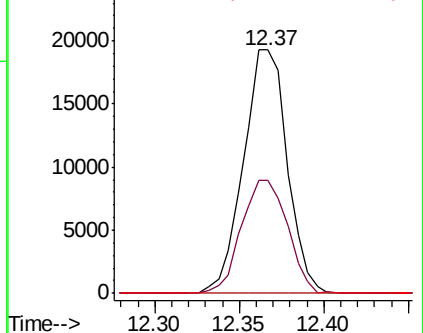
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

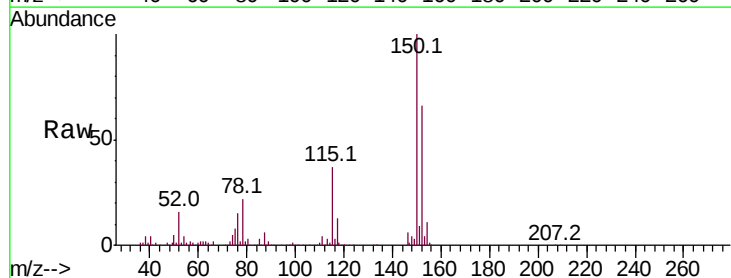
Tgt Ion:152 Resp: 204505

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

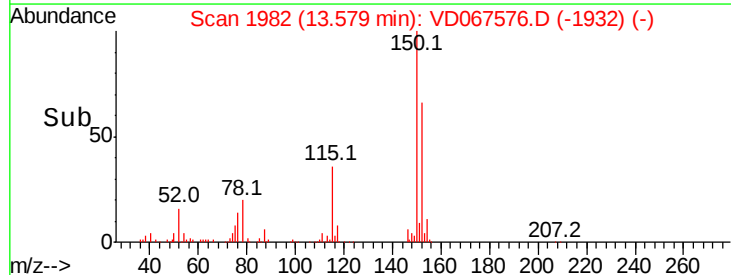
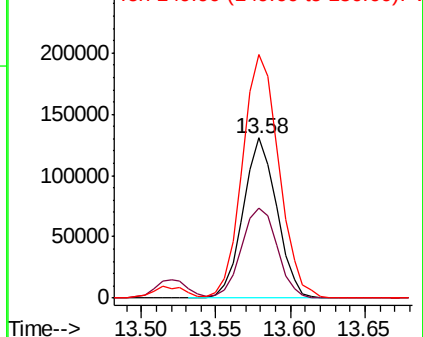
150 164.5 0.0 338.2

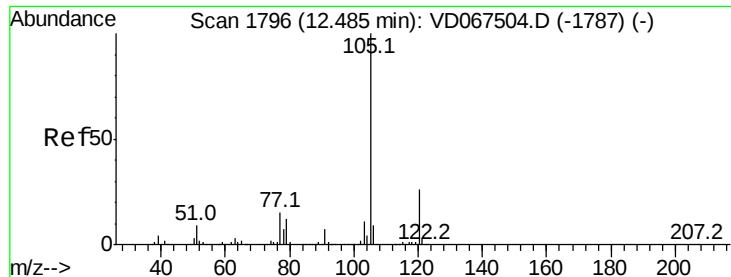


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.930 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

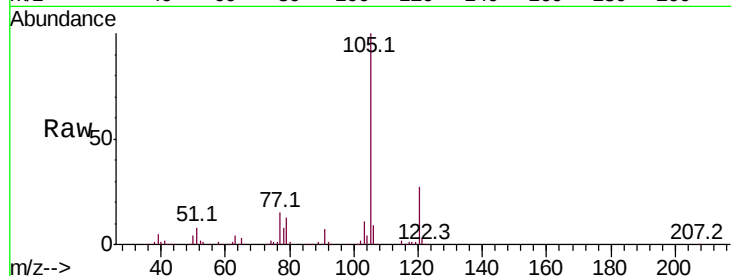
VD1110SBS01

Tot Ion:105 Resp: 289847

Ion Ratio Lower Upper

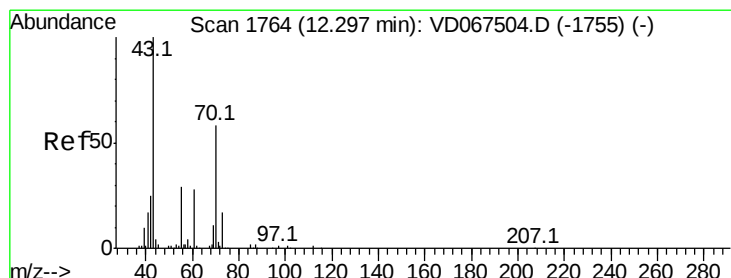
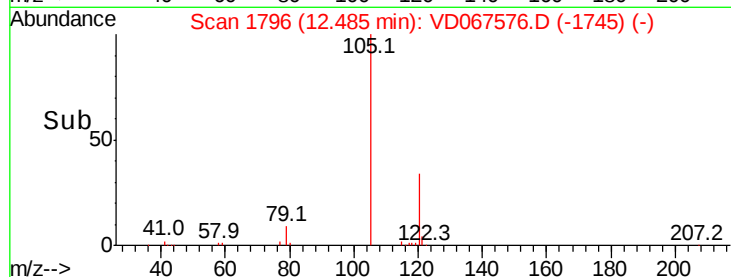
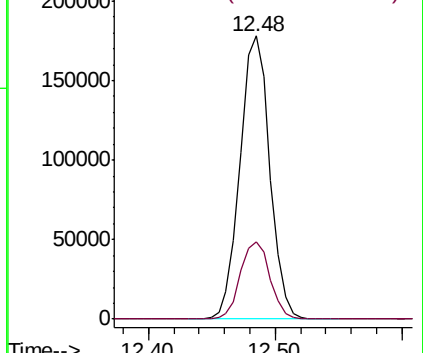
105 100

120 27.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.867 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Tgt Ion: 43 Resp: 38029

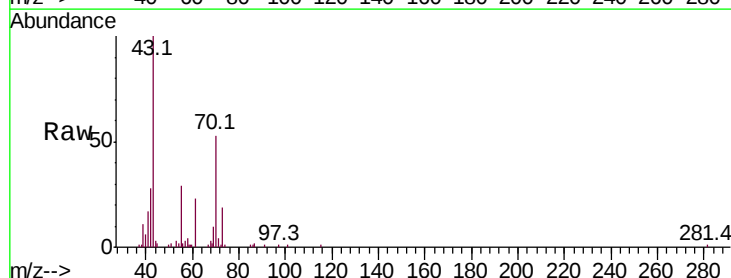
Ion Ratio Lower Upper

43 100

70 51.5 42.6 64.0

55 30.0 23.7 35.5

61 26.4 21.9 32.9

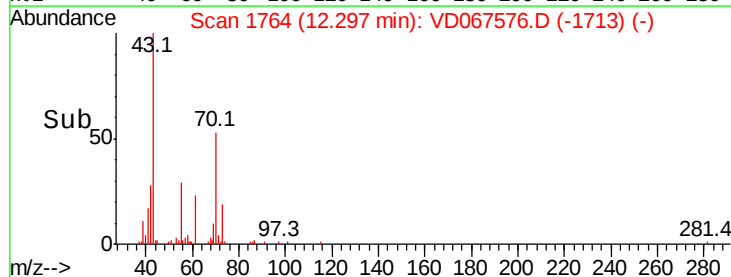
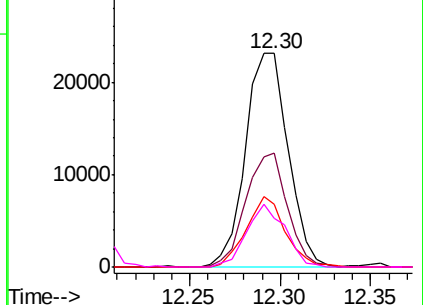


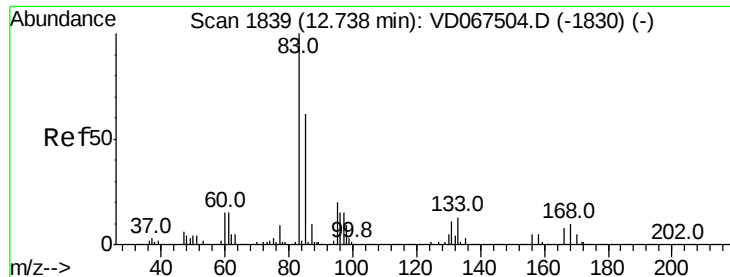
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.423 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

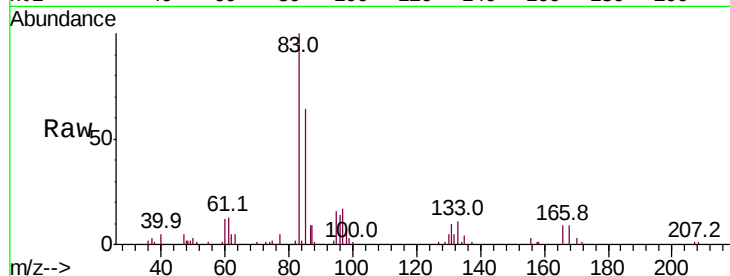
Tot Ion: 83 Resp: 38610

Ion Ratio Lower Upper

83 100

131 14.1 7.1 21.3

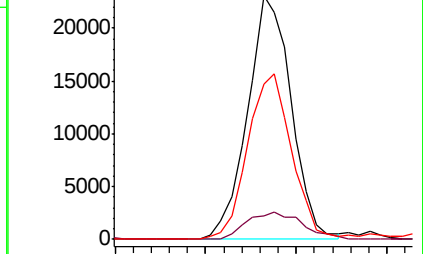
85 68.3 32.9 98.7



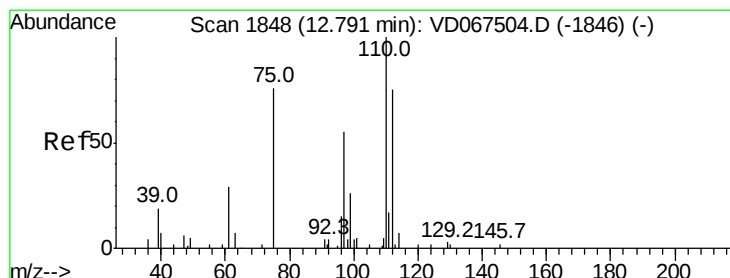
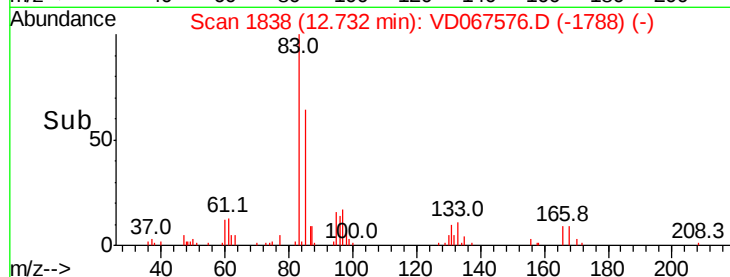
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time--> 12.65 12.70 12.75 12.80



#76

1,2,3-Trichloropropane

Concen: 45.866 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067576.D

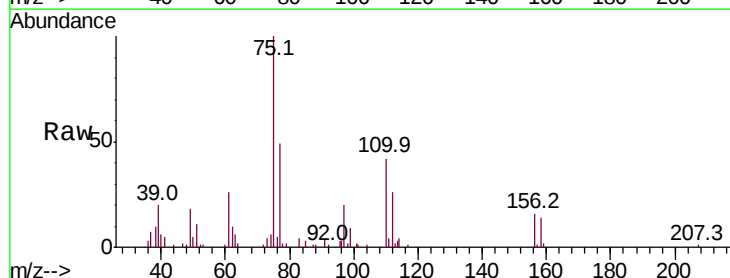
Acq: 10 Nov 2020 12:21

Tgt Ion: 75 Resp: 56584

Ion Ratio Lower Upper

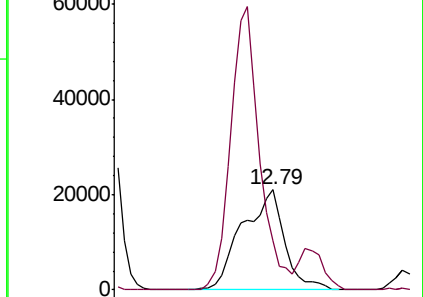
75 100

77 0.0 0.0 0.0

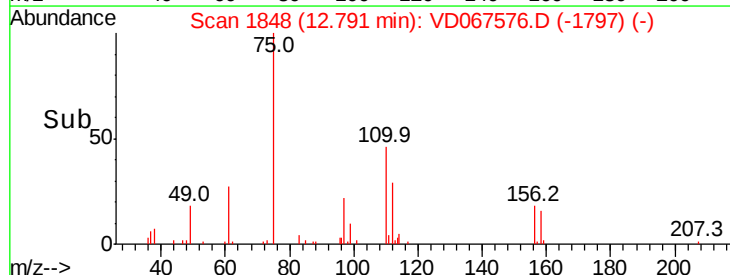


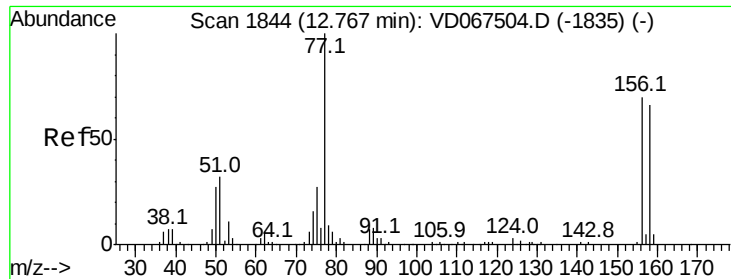
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.70 12.80





#77

Bromobenzene

Concen: 21.297 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBSD01

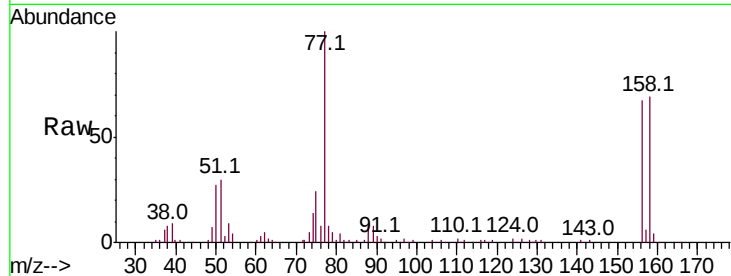
Tot Ion:156 Resp: 69126

Ion Ratio Lower Upper

156 100

77 158.3 77.8 233.5

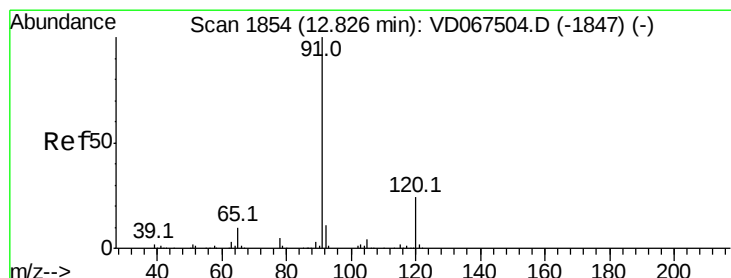
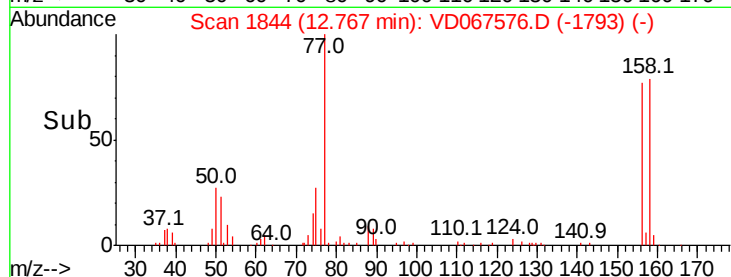
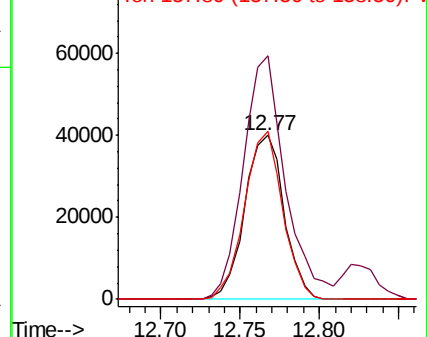
158 99.3 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.620 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067576.D

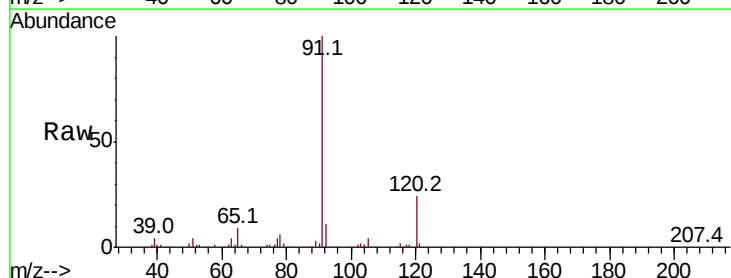
Acq: 10 Nov 2020 12:21

Tgt Ion: 91 Resp: 341967

Ion Ratio Lower Upper

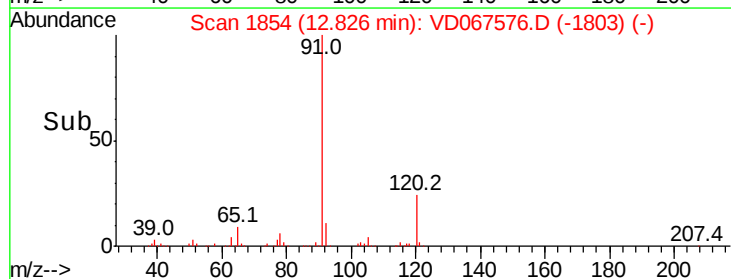
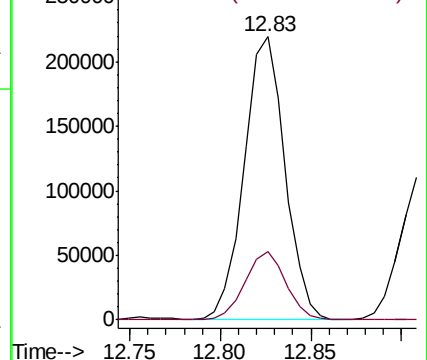
91 100

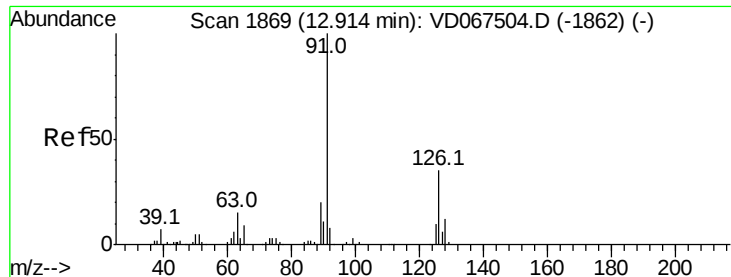
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.483 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

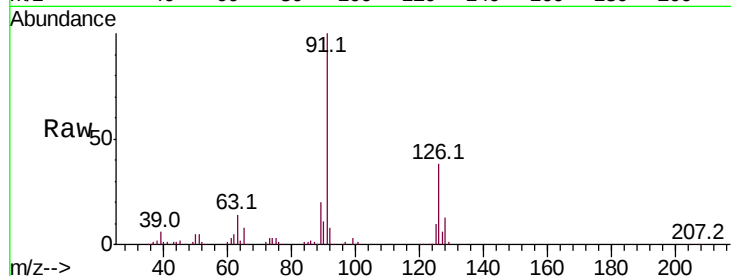
VD1110SBS01

Tot Ion: 91 Resp: 193074

Ion Ratio Lower Upper

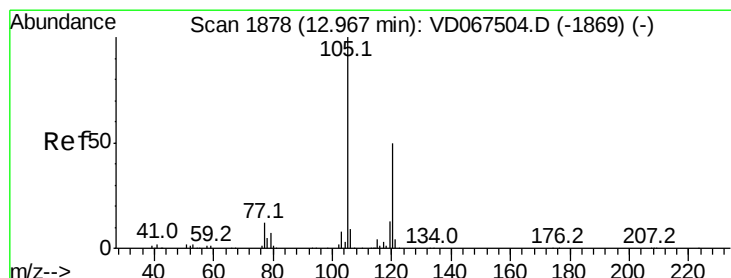
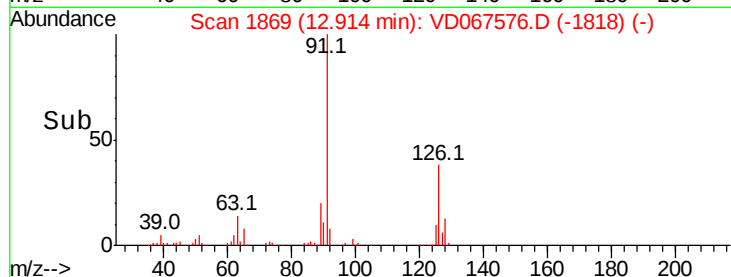
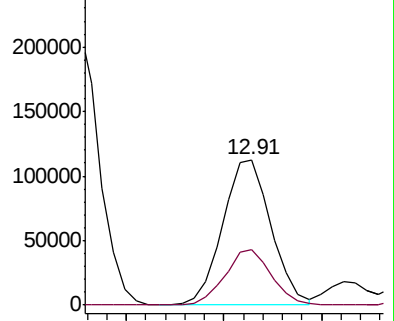
91 100

126 36.6 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.941 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067576.D

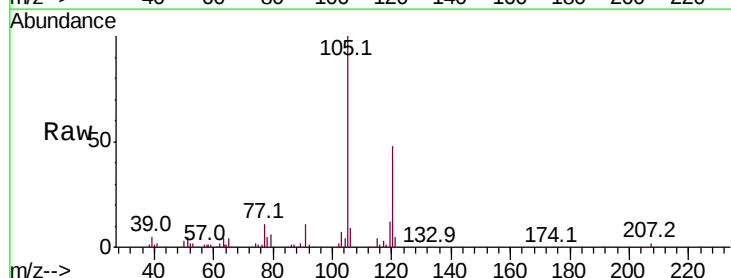
Acq: 10 Nov 2020 12:21

Tgt Ion:105 Resp: 259018

Ion Ratio Lower Upper

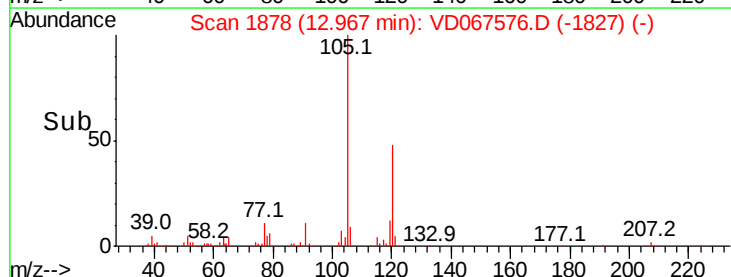
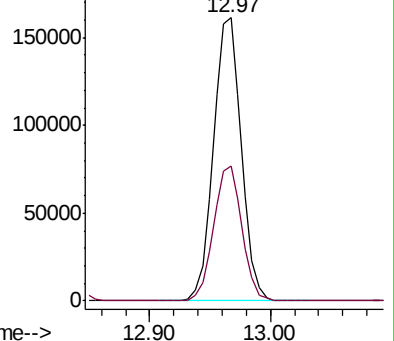
105 100

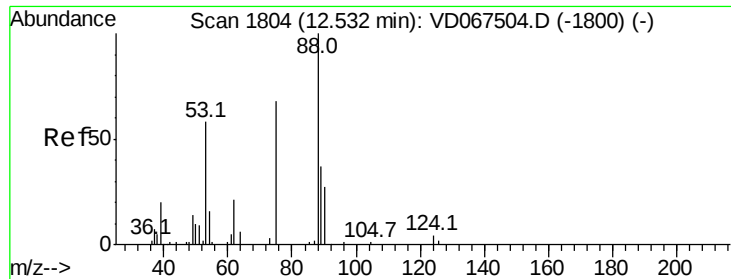
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.304 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

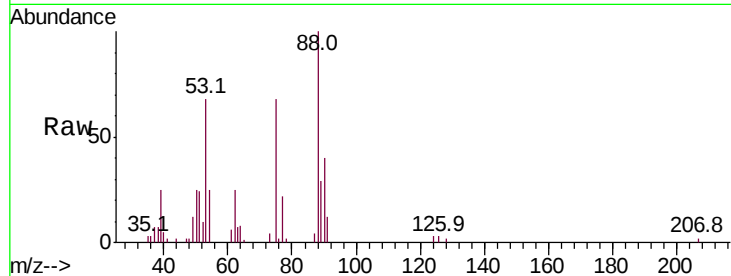
Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBSD01

Tot Ion: 75 Resp: 12338

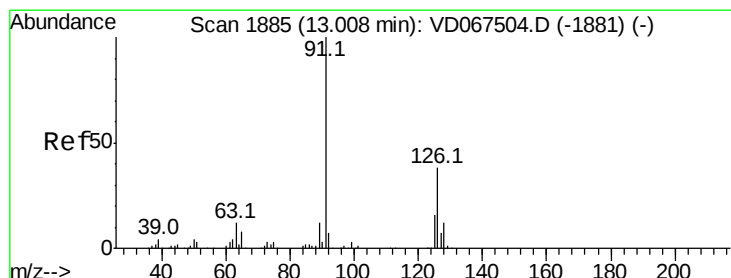
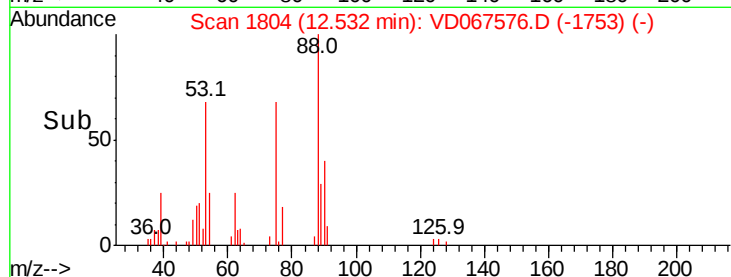
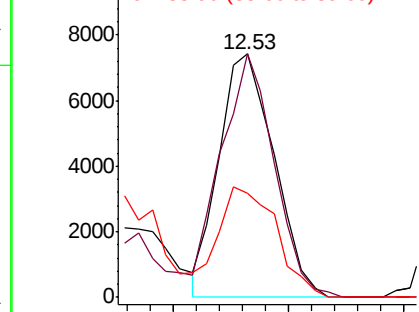
Ion	Ratio	Lower	Upper
75	100		
53	98.4	75.9	113.9
89	50.1	44.6	67.0



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: 22.707 ug/l

RT: 13.01 min Scan# 1885

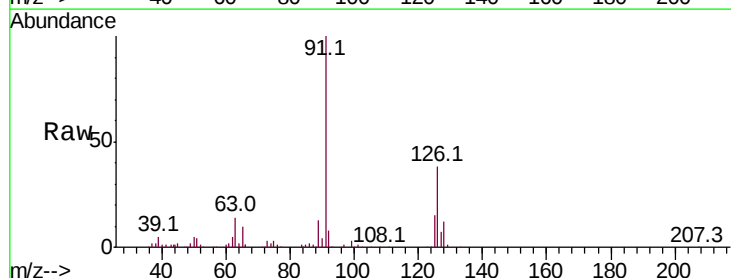
Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

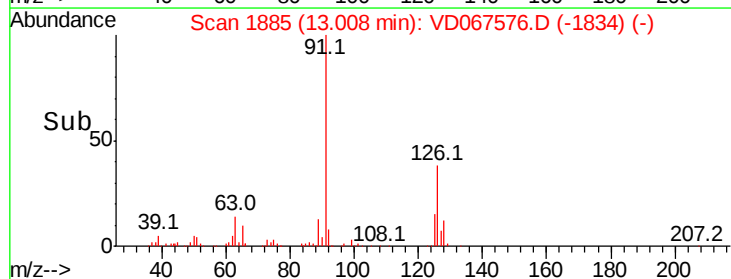
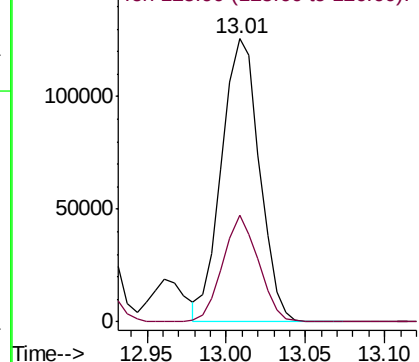
Tgt Ion: 91 Resp: 209133

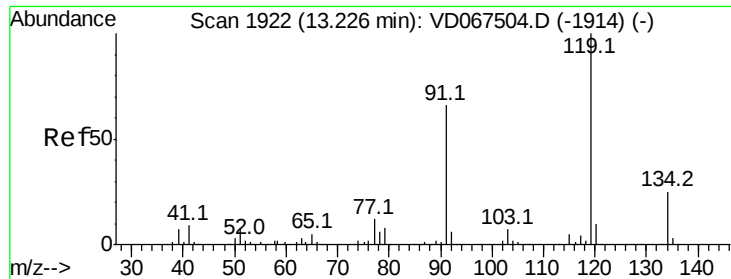
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

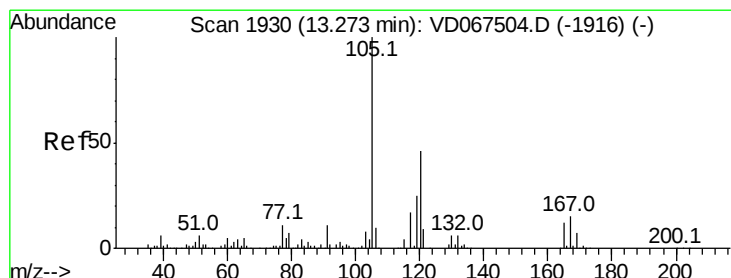
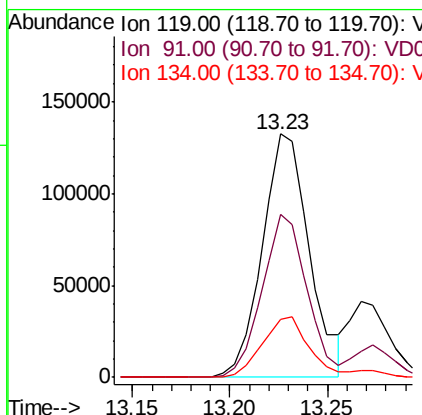
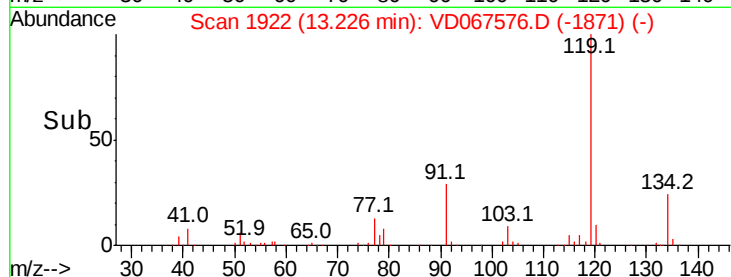
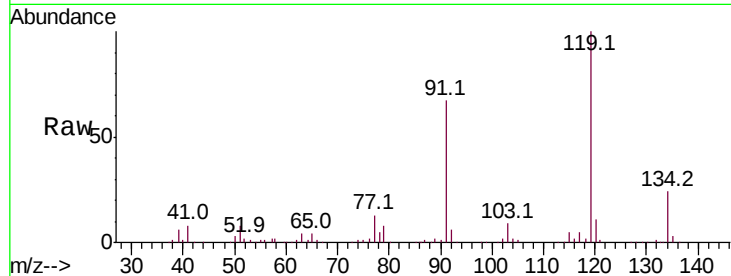




#83
 tert-Butylbenzene
 Concen: 23.164 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

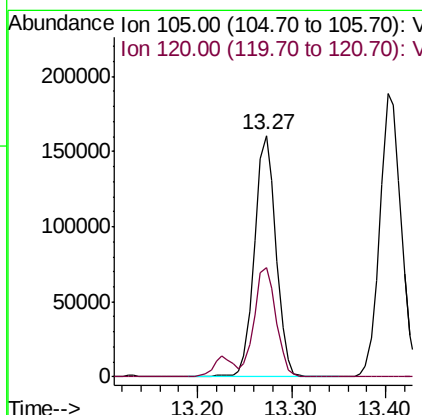
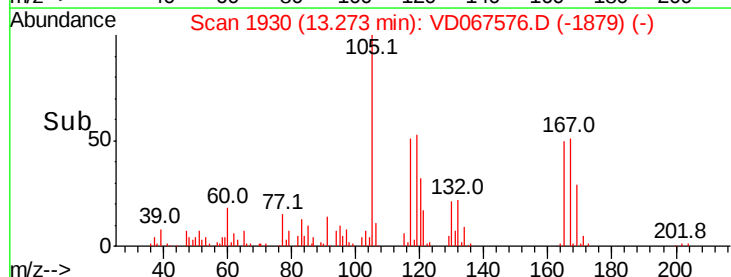
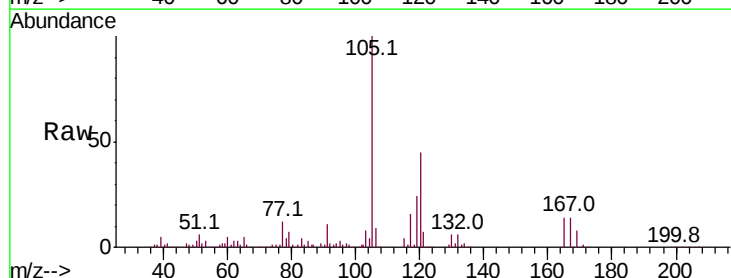
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

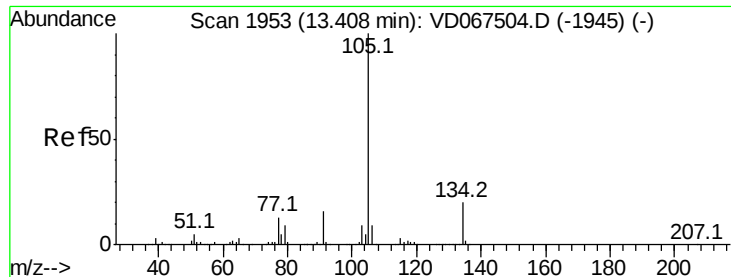
Tot Ion:119 Resp: 221655
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.7 98.1
 134 25.0 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 22.673 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion:105 Resp: 254816
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 22.843 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

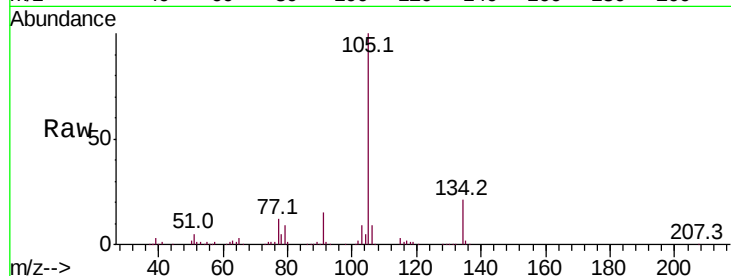
VD1110SBS01

Tot Ion:105 Resp: 295070

Ion Ratio Lower Upper

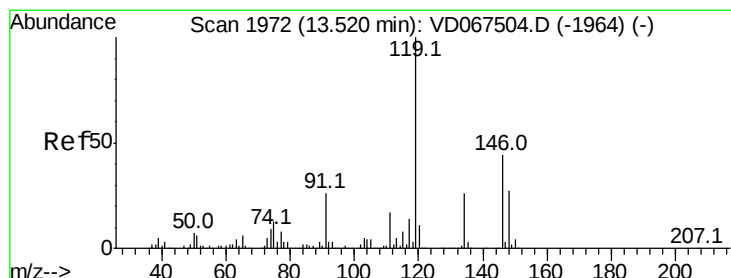
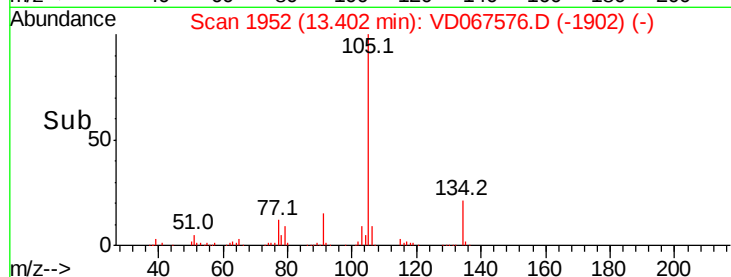
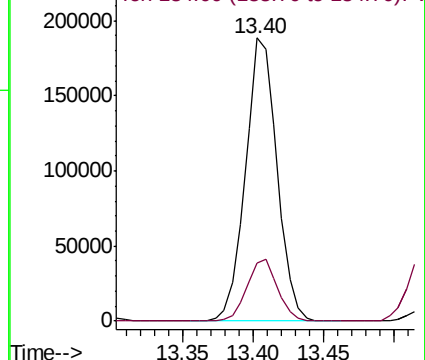
105 100

134 21.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.721 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

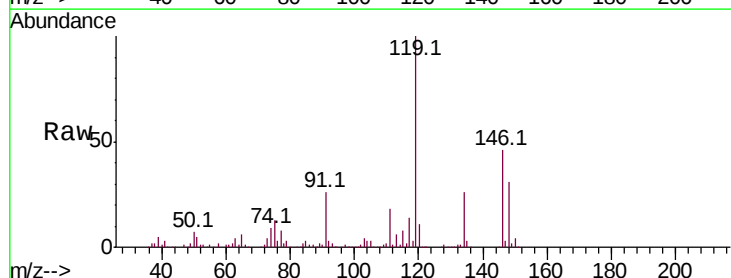
Tgt Ion:119 Resp: 283421

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

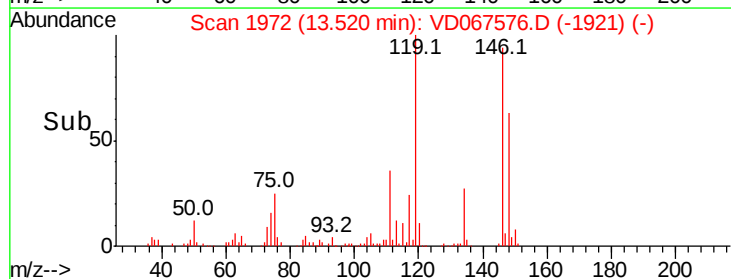
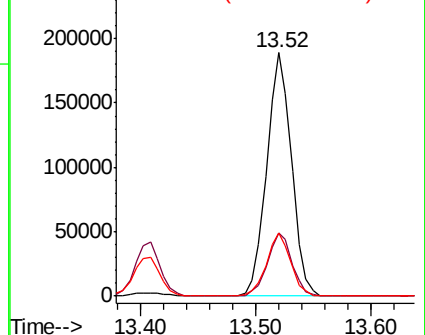
91 25.1 12.2 36.4

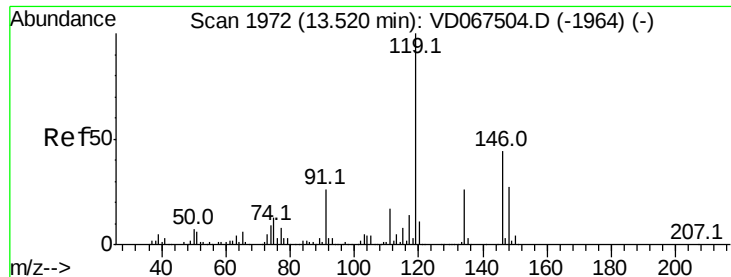


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

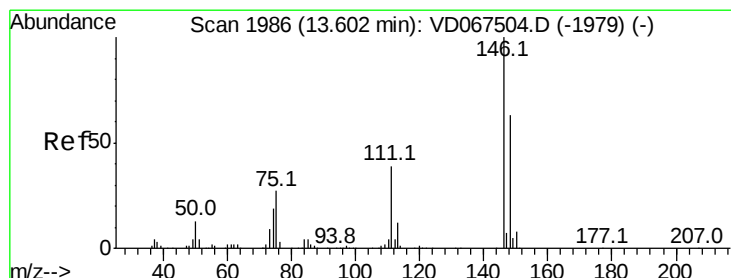
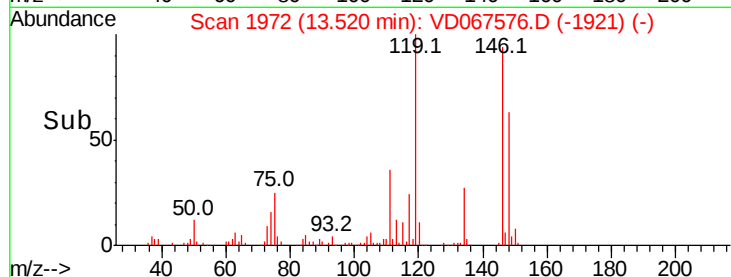
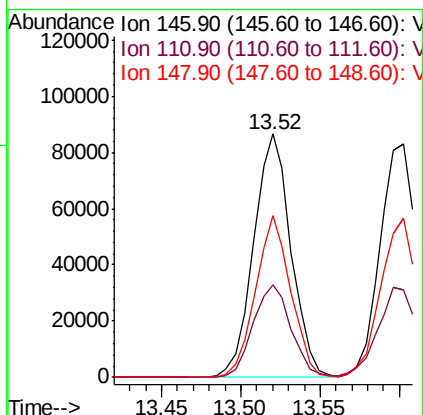
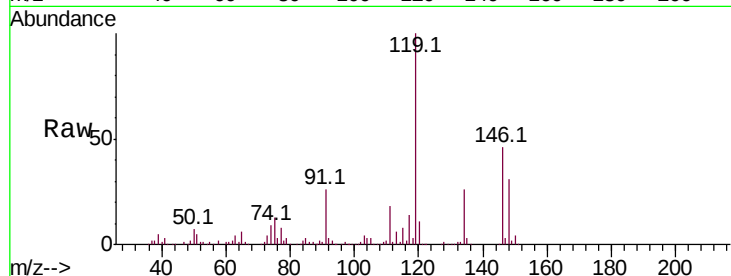




#87
 1,3-Dichlorobenzene
 Concen: 22.855 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

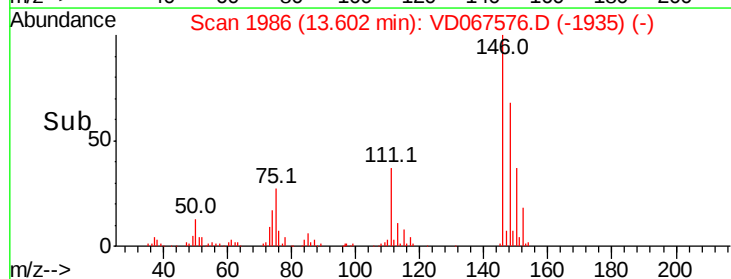
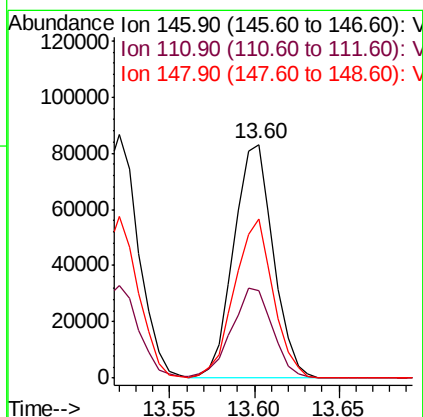
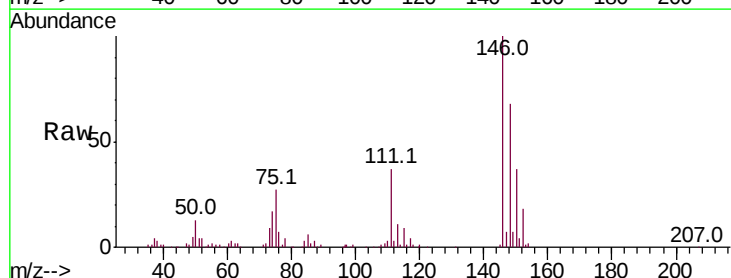
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBSD01

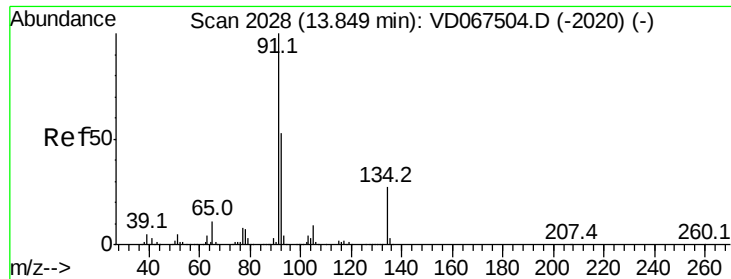
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	62.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.702 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	66.8	31.8	95.4

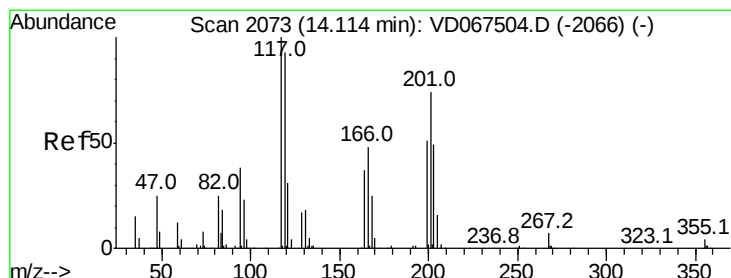
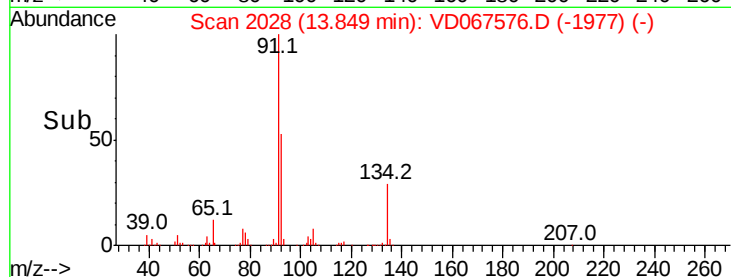
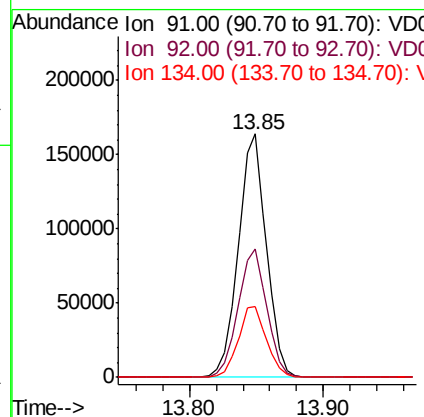
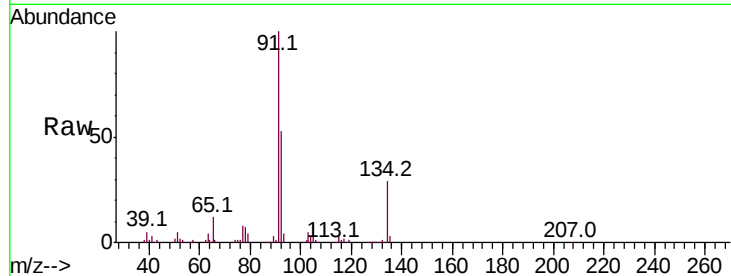




#89
n-Butylbenzene
Concen: 22.144 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

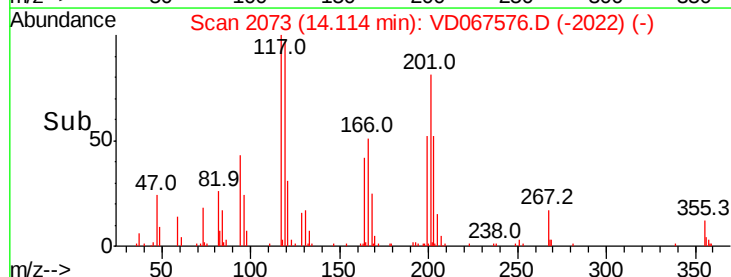
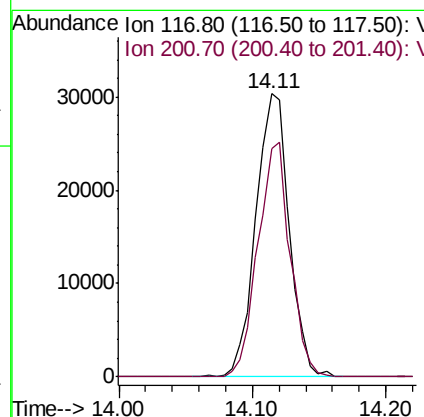
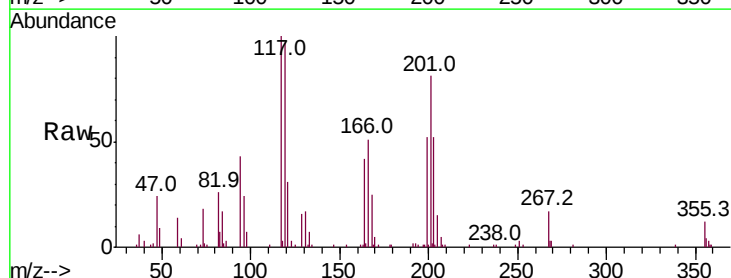
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

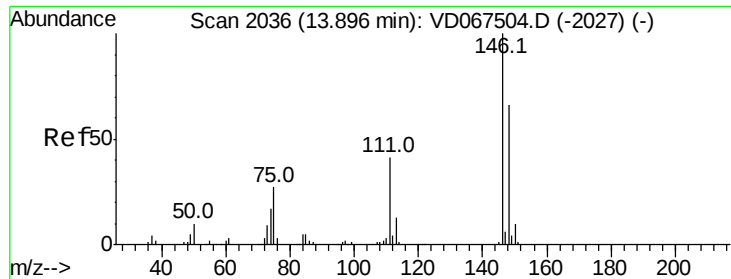
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	29.5	14.1	42.2



#90
Hexachloroethane
Concen: 22.195 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	40.7	122.1





#91

1,2-Dichlorobenzene

Concen: 22.468 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

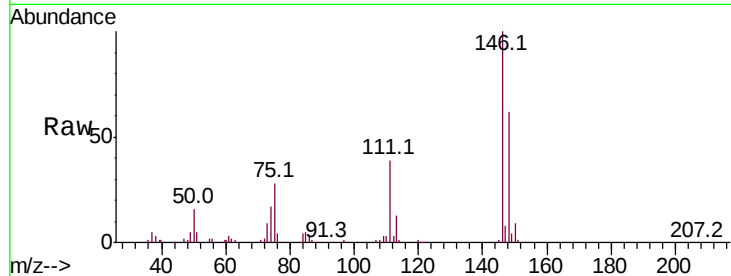
Tot Ion:146 Resp: 120434

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

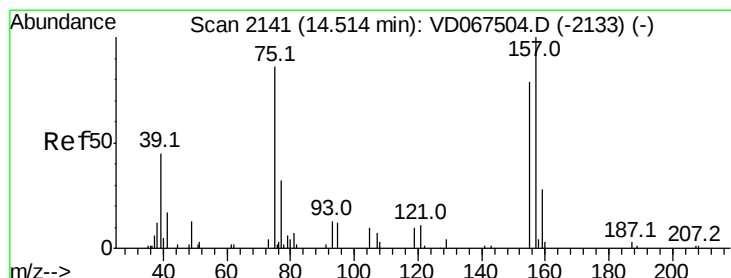
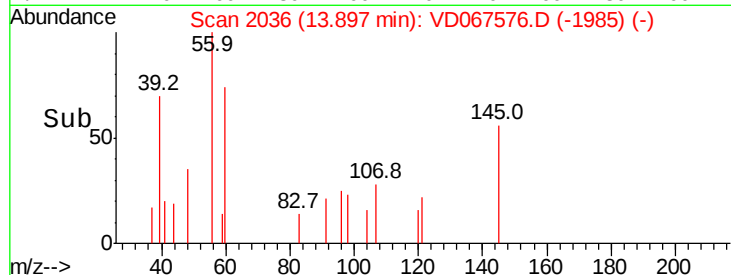
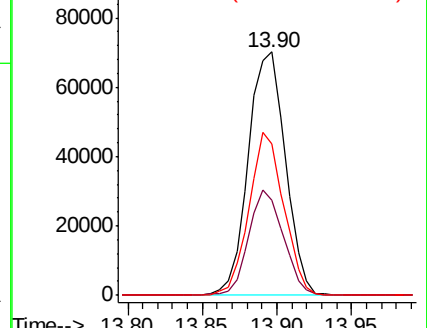
148 62.8 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.275 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067576.D

Acq: 10 Nov 2020 12:21

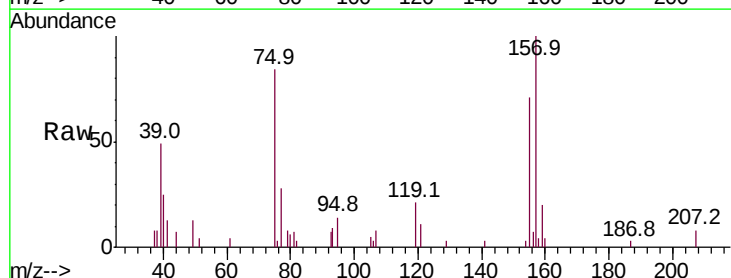
Tgt Ion: 75 Resp: 7427

Ion Ratio Lower Upper

75 100

155 86.0 46.6 139.8

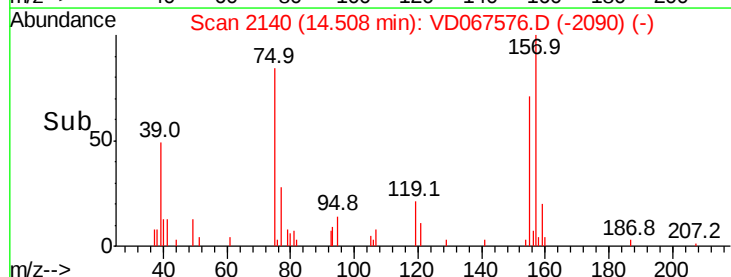
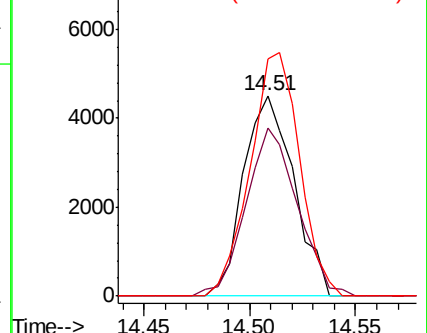
157 120.0 58.1 174.2

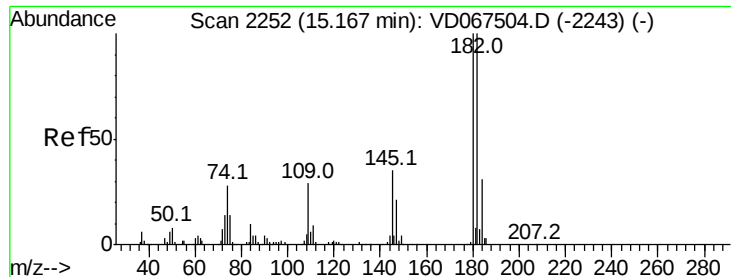


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

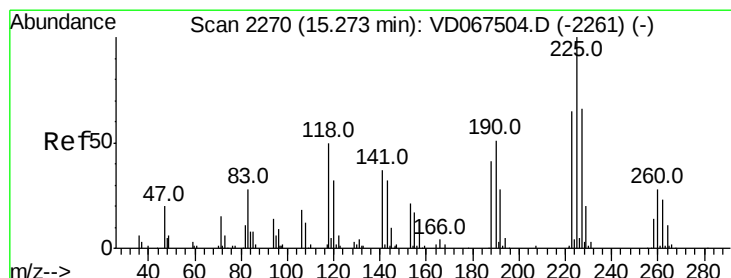
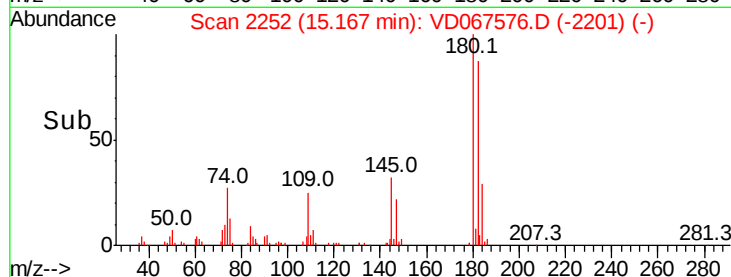
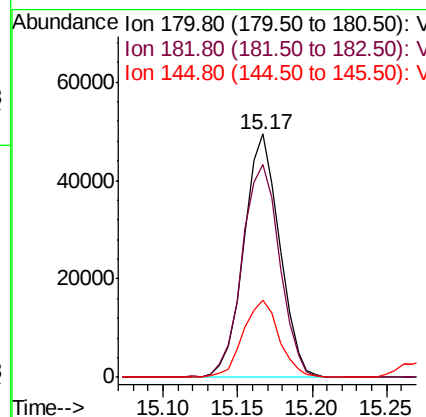
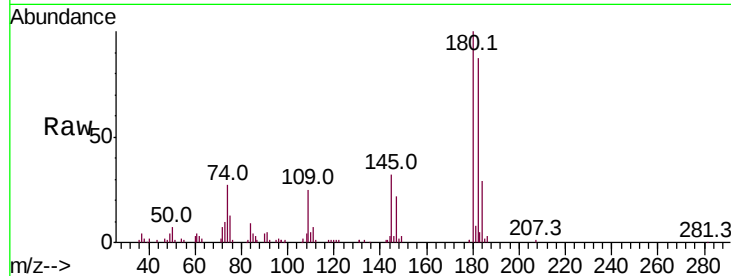




#93
 1,2,4-Trichlorobenzene
 Concen: 22.568 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

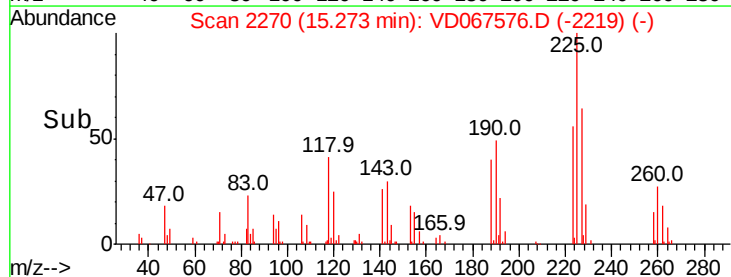
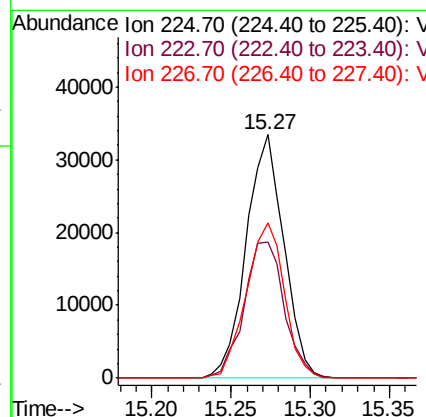
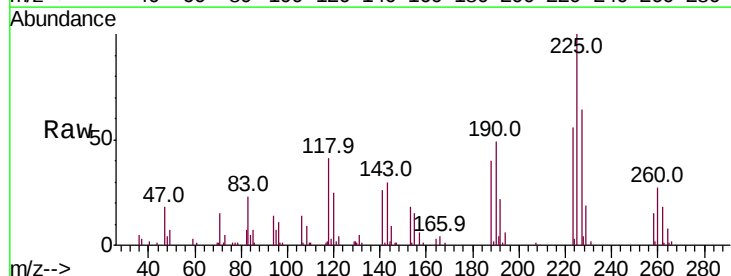
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBSD01

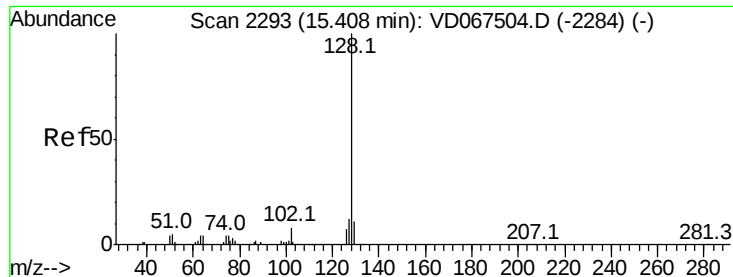
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.4	142.3
145	32.0	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 22.689 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067576.D
 Acq: 10 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	31.9	95.5
227	64.4	32.5	97.4

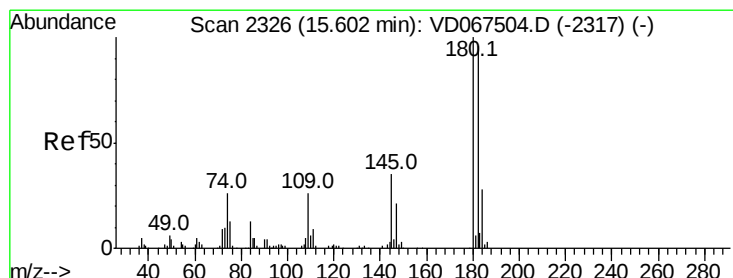
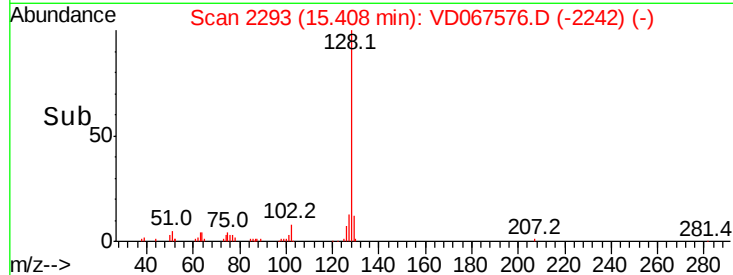
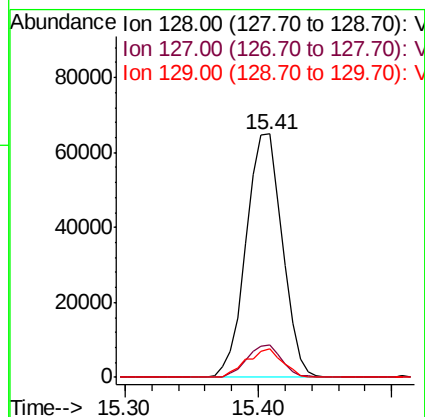
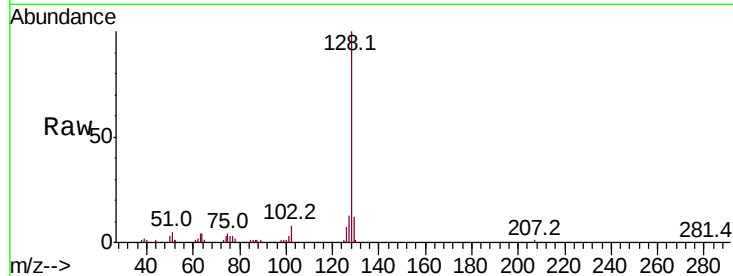




#95
Naphthalene
Concen: 21.700 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion:128 Resp: 121839
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.852 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067576.D
Acq: 10 Nov 2020 12:21

Tgt Ion:180 Resp: 68081
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.8
145 32.6 17.1 51.2

