

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067594.D
 Acq On : 11 Nov 2020 11:30
 Operator : VA/SY
 Sample : VD1111SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Quant Time: Nov 12 00:07:51 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	7.98	168	301132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	437142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	122968	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.92	113	126247	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	440674	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.64	95	156421	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58357	21.333	ug/l	94
3) Chloromethane	2.21	50	36467	19.447	ug/l	92
4) Vinyl Chloride	2.35	62	38817	18.567	ug/l	97
5) Bromomethane	2.76	94	33130	19.551	ug/l	85
6) Chloroethane	2.92	64	25863	20.065	ug/l	93
7) Trichlorofluoromethane	3.27	101	114747	21.197	ug/l	92
8) Diethyl Ether	3.71	74	21474	19.687	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58903	21.557	ug/l	98
10) Methyl Iodide	4.30	142	57765	19.724	ug/l	99
11) Tert butyl alcohol	5.20	59	19882	168.646	ug/l	97
12) 1,1-Dichloroethene	4.07	96	54190	21.560	ug/l	93
13) Acrolein	3.92	56	5242	68.119	ug/l	99
14) Allyl chloride	4.71	41	52394	19.478	ug/l	98
15) Acrylonitrile	5.42	53	40668	100.861	ug/l	94
16) Acetone	4.15	43	35809	90.880	ug/l	97
17) Carbon Disulfide	4.41	76	148634	19.299	ug/l	98
18) Methyl Acetate	4.71	43	16095	19.767	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	103257	20.828	ug/l	95
20) Methylene Chloride	4.96	84	60665	21.796	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	60890	20.800	ug/l	87
22) Diisopropyl ether	6.37	45	107852	20.575	ug/l	97
23) Vinyl Acetate	6.31	43	278583	101.527	ug/l	97
24) 1,1-Dichloroethane	6.27	63	88734	20.691	ug/l	97
25) 2-Butanone	7.21	43	42617	101.222	ug/l	96
26) 2,2-Dichloropropane	7.21	77	97823	21.614	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62271	20.494	ug/l	98
28) Bromochloromethane	7.55	49	28003	18.358	ug/l	96
29) Tetrahydrofuran	7.57	42	25502	101.120	ug/l	96
30) Chloroform	7.71	83	108267	21.162	ug/l	96
31) Cyclohexane	7.99	56	76684	20.080	ug/l #	91
32) 1,1,1-Trichloroethane	7.91	97	111723	21.165	ug/l	99
36) 1,1-Dichloropropene	8.11	75	79896	21.352	ug/l	98
37) Ethyl Acetate	7.29	43	20521	21.124	ug/l #	90
38) Carbon Tetrachloride	8.10	117	110058	22.638	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067594.D
 Acq On : 11 Nov 2020 11:30
 Operator : VA/SY
 Sample : VD1111SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Quant Time: Nov 12 00:07:51 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	88530	20.102	ug/l	93
40) Benzene	8.36	78	215915	21.302	ug/l	100
41) Methacrylonitrile	7.51	41	11291	19.444	ug/l	89
42) 1,2-Dichloroethane	8.43	62	68242	21.791	ug/l	99
43) Isopropyl Acetate	8.45	43	39964	20.801	ug/l	96
44) Trichloroethene	9.11	130	70469	21.145	ug/l	98
45) 1,2-Dichloropropane	9.39	63	45323	20.682	ug/l	95
46) Dibromomethane	9.48	93	30096	21.599	ug/l	96
47) Bromodichloromethane	9.67	83	81828	21.606	ug/l	100
48) Methyl methacrylate	9.46	41	18989	19.143	ug/l	88
49) 1,4-Dioxane	9.47	88	6705	474.014	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	97051	105.623	ug/l	98
52) Toluene	10.41	92	147803	21.771	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	68671	21.171	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	81208	21.073	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	40450	21.941	ug/l	95
56) Ethyl methacrylate	10.67	69	40177	21.103	ug/l	96
57) 1,3-Dichloropropane	10.95	76	64422	21.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	90759	102.228	ug/l	98
59) 2-Hexanone	10.99	43	66698	103.818	ug/l	99
60) Dibromochloromethane	11.14	129	60446	22.164	ug/l	99
61) 1,2-Dibromoethane	11.25	107	39607	21.406	ug/l	100
64) Tetrachloroethene	10.88	164	62659	21.706	ug/l	87
65) Chlorobenzene	11.67	112	164436	21.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	68177	23.039	ug/l	97
67) Ethyl Benzene	11.75	91	282794	22.011	ug/l	99
68) m/p-Xylenes	11.86	106	219243	43.863	ug/l	97
69) o-Xylene	12.18	106	100818	22.591	ug/l	97
70) Styrene	12.20	104	173963	22.371	ug/l	99
71) Bromoform	12.36	173	35380	23.443	ug/l #	99
73) Isopropylbenzene	12.48	105	286457	21.492	ug/l	99
74) N-amyl acetate	12.30	43	35592	20.294	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	38245	21.042	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	55958	44.977	ug/l #	100
77) Bromobenzene	12.77	156	72410	22.121	ug/l	96
78) n-propylbenzene	12.83	91	337736	22.153	ug/l	100
79) 2-Chlorotoluene	12.91	91	190169	21.959	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	252180	22.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	13133	21.431	ug/l	94
82) 4-Chlorotoluene	13.01	91	206666	22.250	ug/l	99
83) tert-Butylbenzene	13.23	119	217203	22.509	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	250687	22.119	ug/l	97
85) sec-Butylbenzene	13.41	105	286228	21.972	ug/l	99
86) p-Isopropyltoluene	13.52	119	274945	21.857	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	140663	22.520	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	134740	21.304	ug/l	97
89) n-Butylbenzene	13.85	91	234020	21.537	ug/l	99
90) Hexachloroethane	14.11	117	51563	21.766	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	119258	22.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7165	22.265	ug/l	94

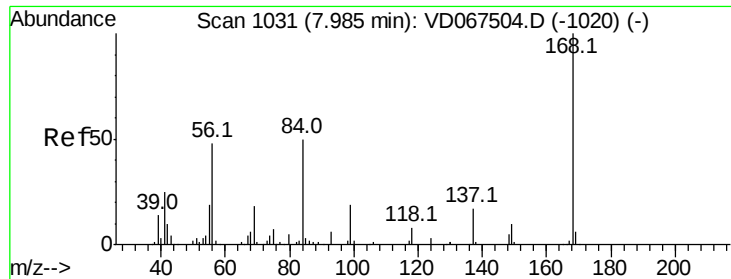
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067594.D
Acq On : 11 Nov 2020 11:30
Operator : VA/SY
Sample : VD1111SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Quant Time: Nov 12 00:07:51 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	78639	21.433	ug/l	96
94) Hexachlorobutadiene	15.27	225	53860	21.934	ug/l	97
95) Naphthalene	15.40	128	119891	21.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	66867	21.283	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

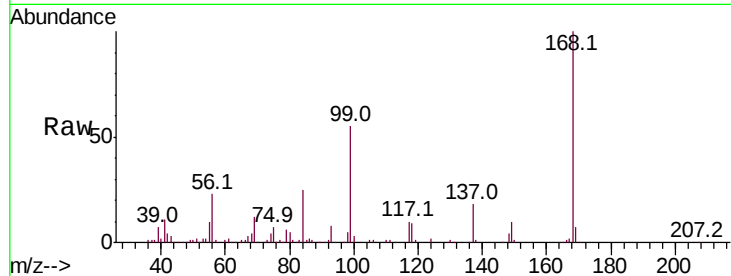
VD1111SBSD01

Tot Ion:168 Resp: 301132

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

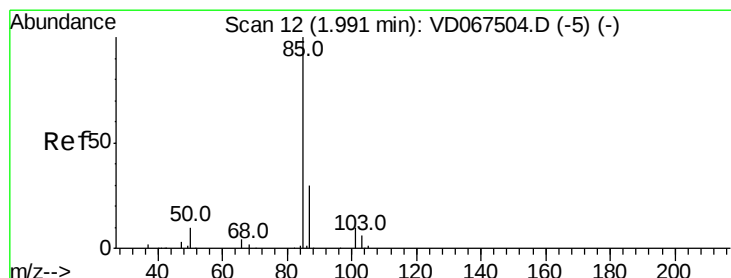
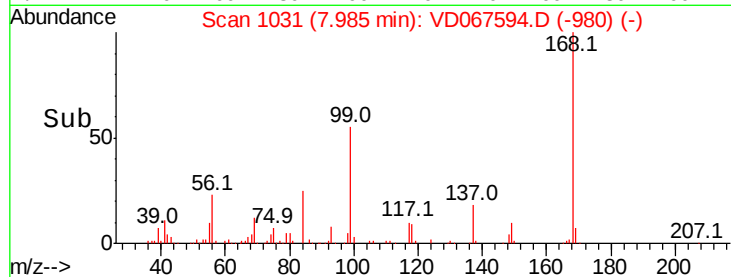
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.333 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067594.D

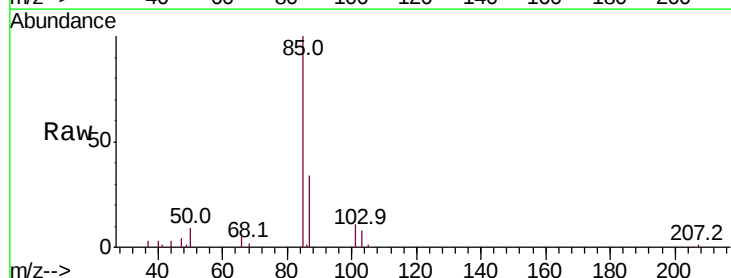
Acq: 11 Nov 2020 11:30

Tgt Ion: 85 Resp: 58357

Ion Ratio Lower Upper

85 100

87 33.7 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

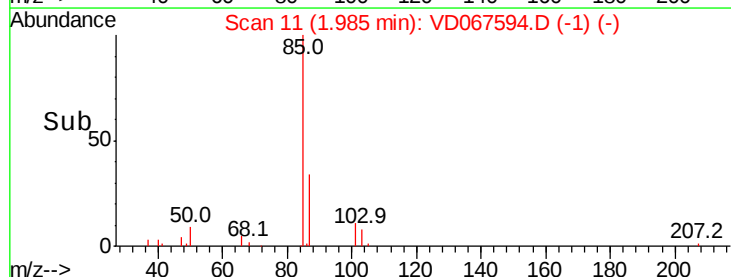
20000

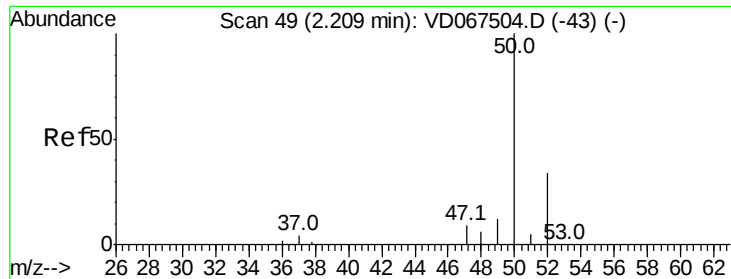
10000

0

1.95 2.00 2.05

Time-->

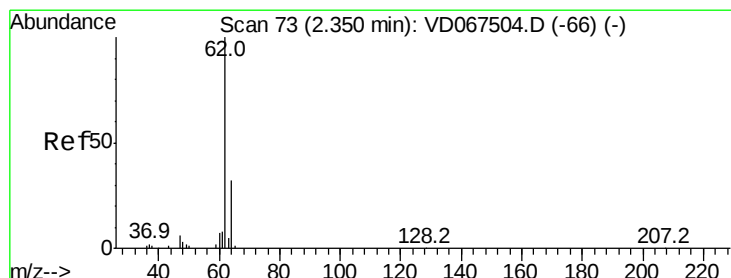
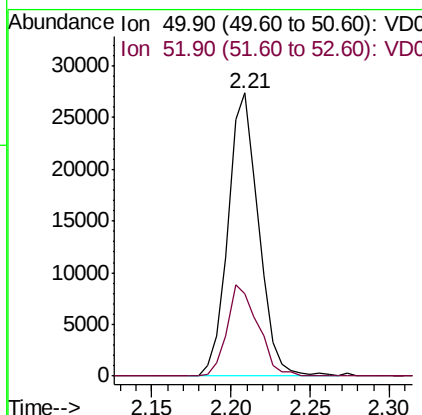
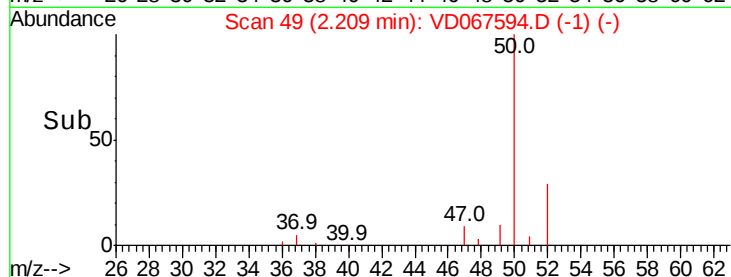
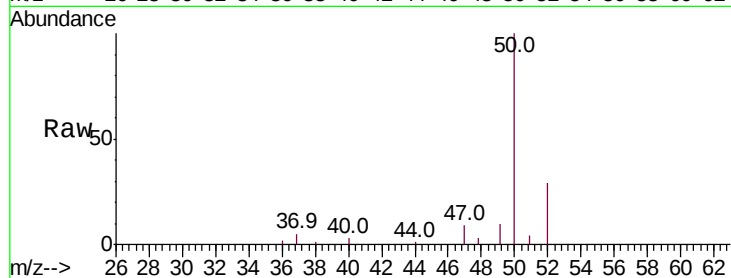




#3
Chloromethane
Concen: 19.447 ug/l
RT: 2.21 min Scan# 49
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

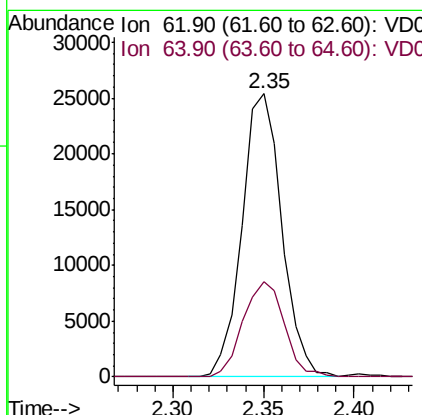
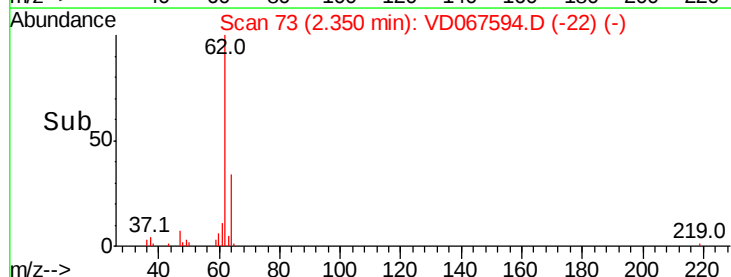
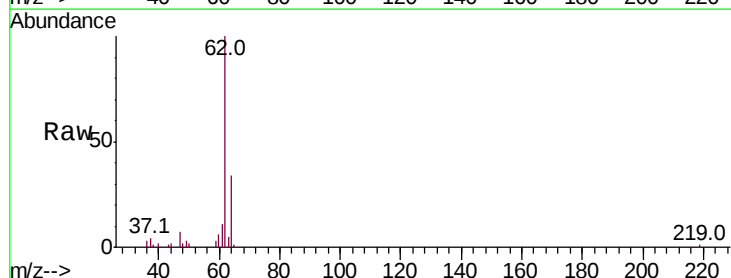
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

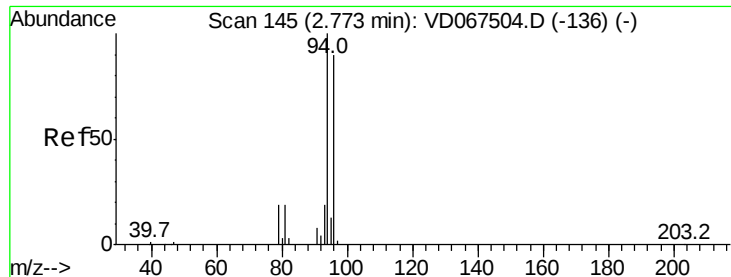
Tot Ion: 50 Resp: 36467
Ion Ratio Lower Upper
50 100
52 29.3 27.3 40.9



#4
Vinyl Chloride
Concen: 18.567 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 62 Resp: 38817
Ion Ratio Lower Upper
62 100
64 33.8 25.6 38.4





#5

Bromomethane

Concen: 19.551 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

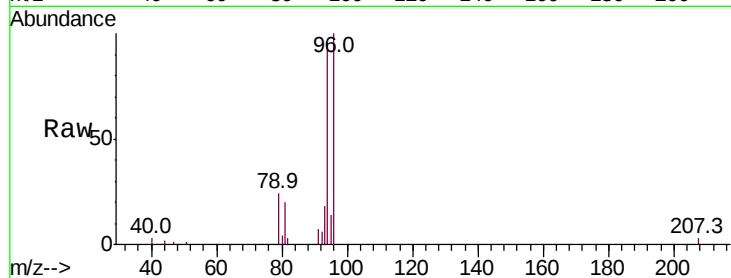
VD1111SBSD01

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

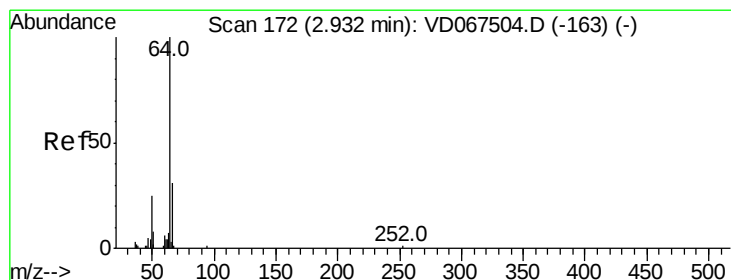
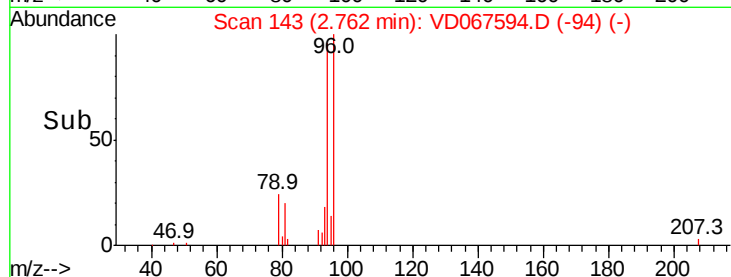
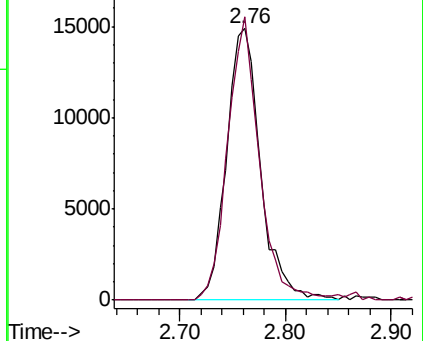
94 100

96 104.1 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.065 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067594.D

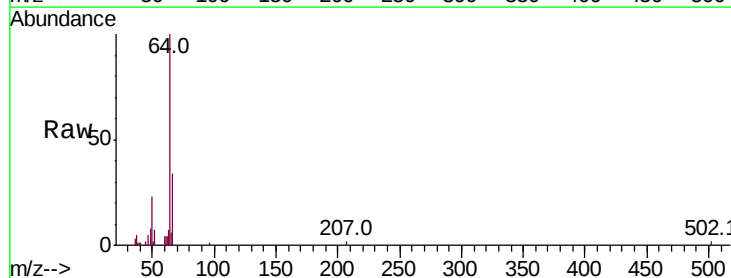
Acq: 11 Nov 2020 11:30

Tgt Ion: 64 Resp: 25863

Ion Ratio Lower Upper

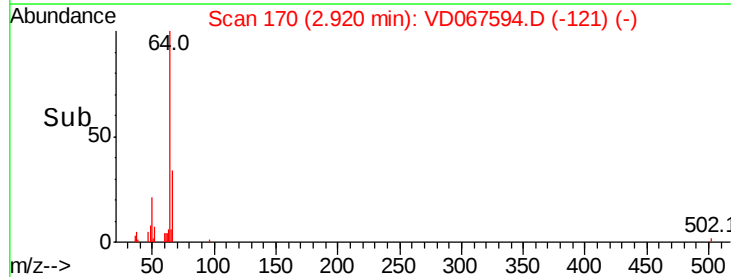
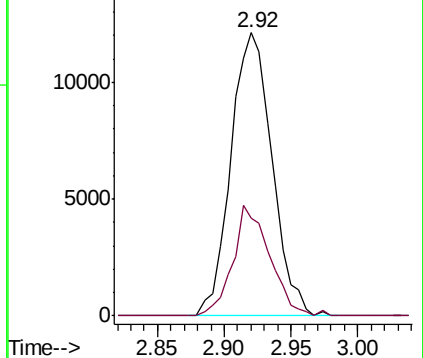
64 100

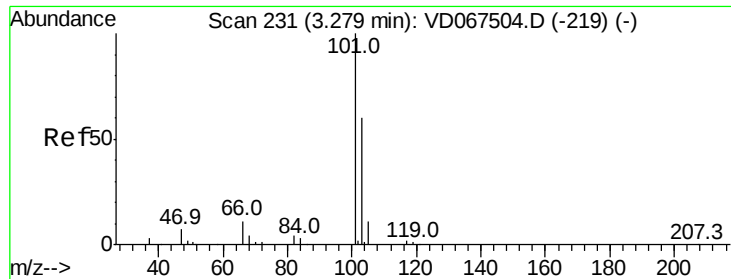
66 34.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.197 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

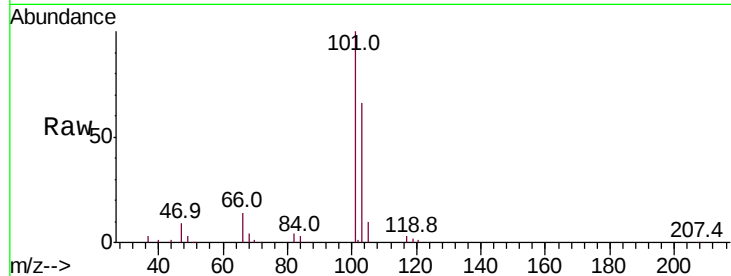
VD1111SBSD01

Tot Ion:101 Resp: 114747

Ion Ratio Lower Upper

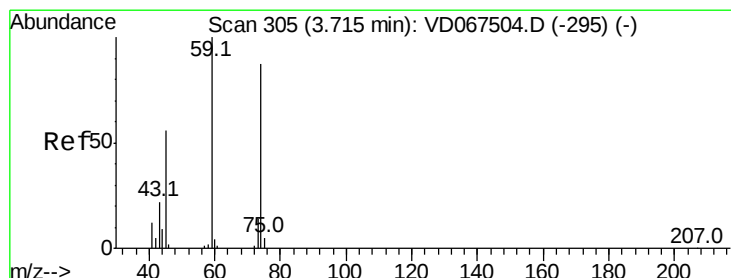
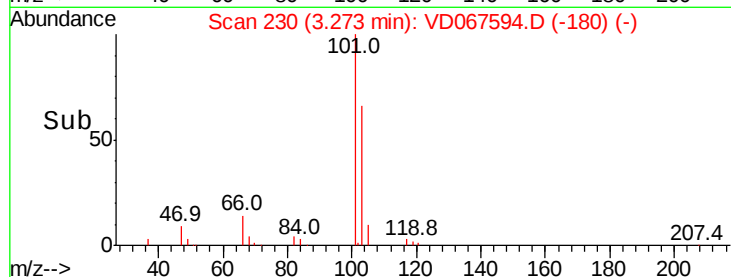
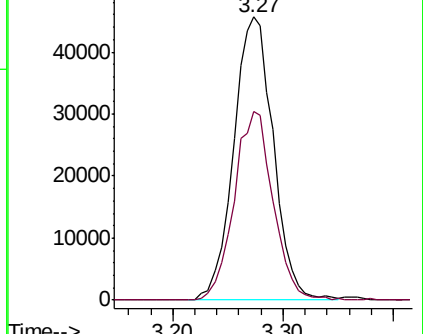
101 100

103 66.4 48.1 72.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.687 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.01 min

Lab File: VD067594.D

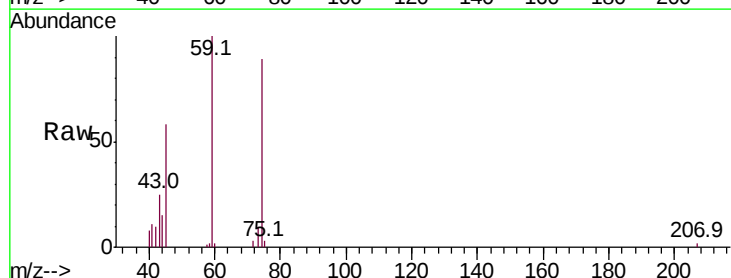
Acq: 11 Nov 2020 11:30

Tgt Ion: 74 Resp: 21474

Ion Ratio Lower Upper

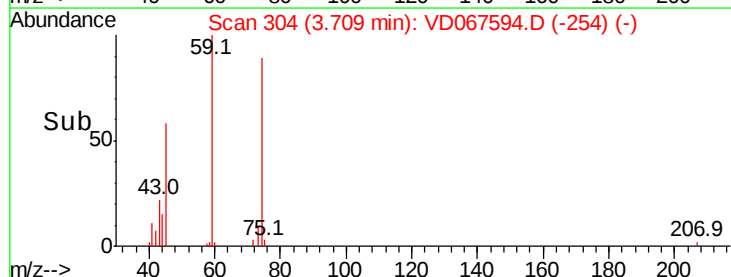
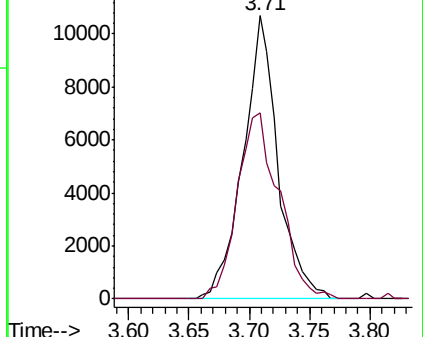
74 100

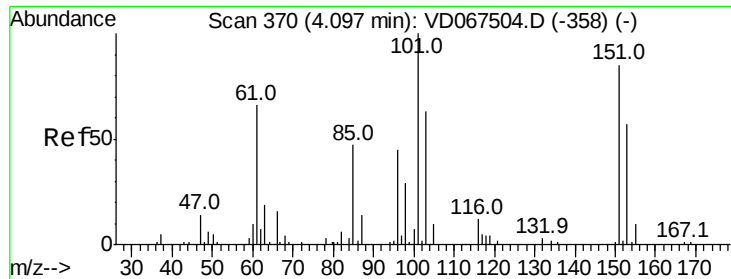
45 78.8 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.557 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

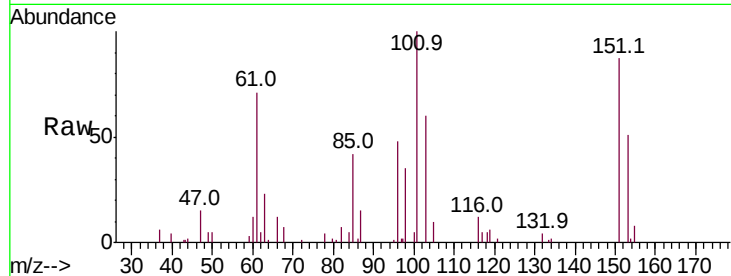
Tot Ion:101 Resp: 58903

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

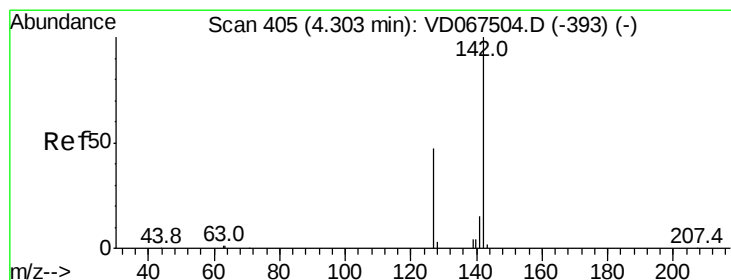
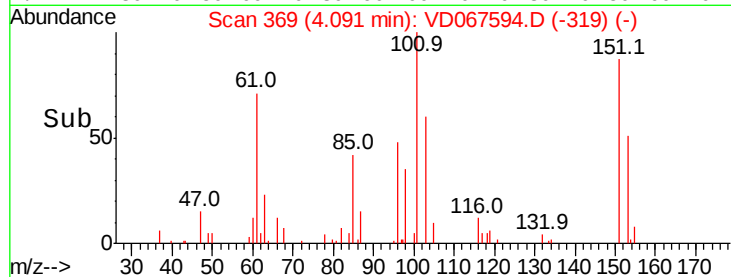
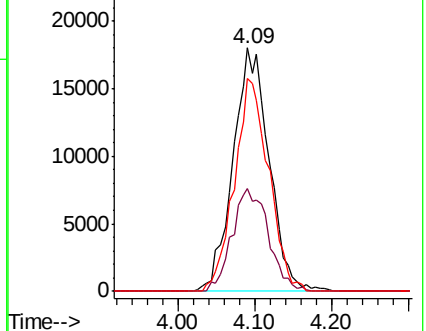
151 83.3 68.1 102.1



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: 19.724 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

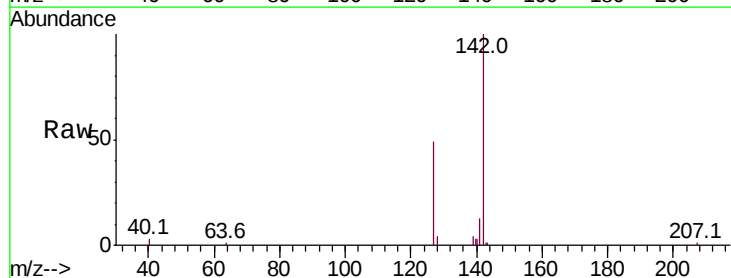
Tgt Ion:142 Resp: 57765

Ion Ratio Lower Upper

142 100

127 50.2 40.0 60.0

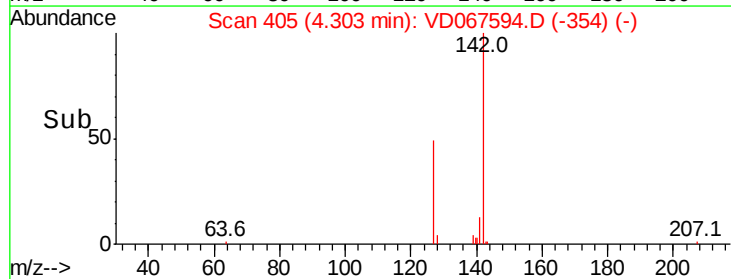
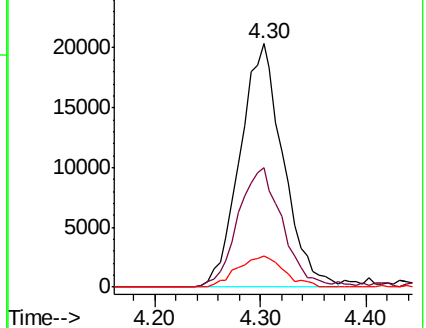
141 13.8 11.7 17.5

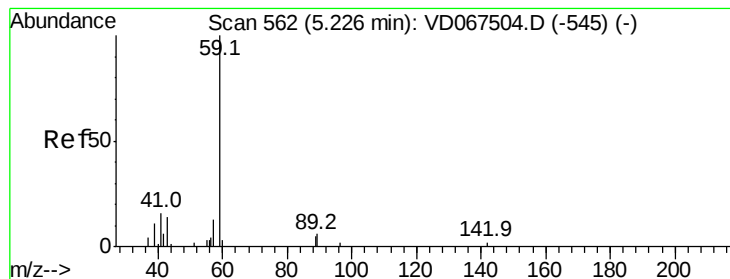


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



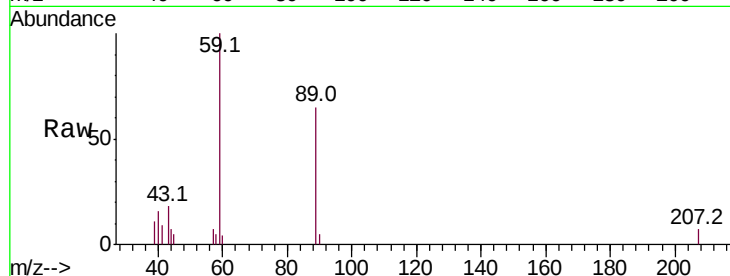


#11

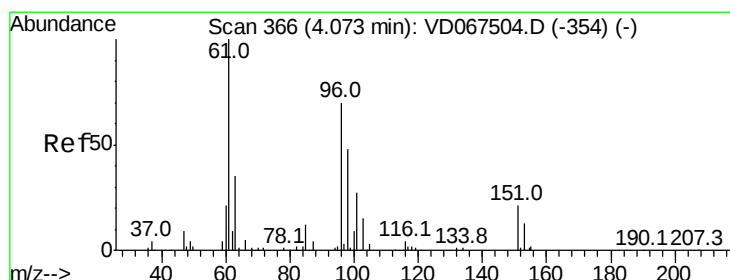
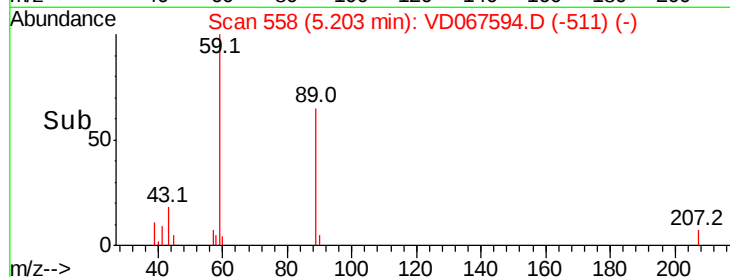
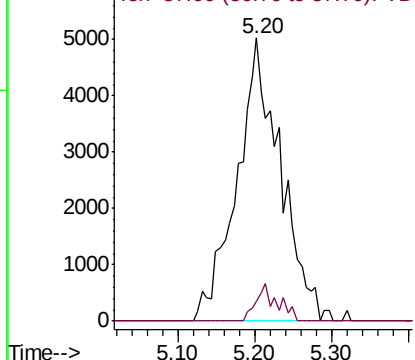
Tert butyl alcohol
Concen: 168.646 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tot Ion: 59 Resp: 19882
Ion Ratio Lower Upper
59 100
57 6.4 5.9 8.9



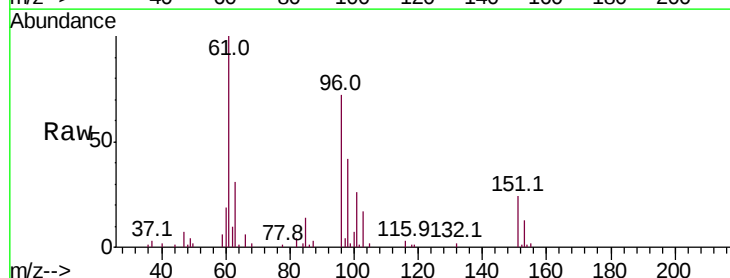
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



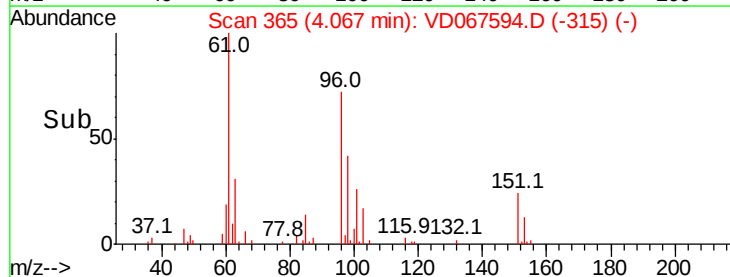
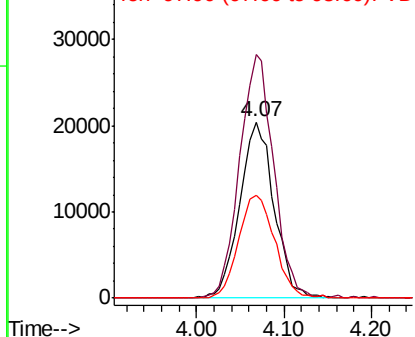
#12

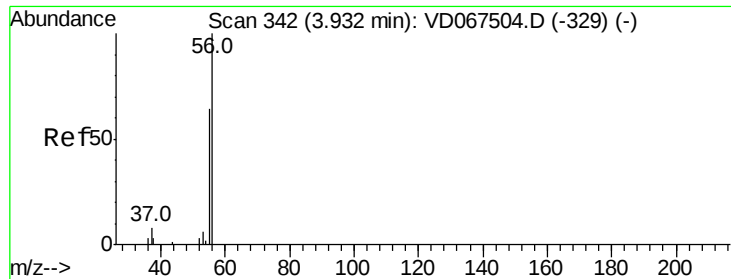
1,1-Dichloroethene
Concen: 21.560 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 96 Resp: 54190
Ion Ratio Lower Upper
96 100
61 138.1 114.5 171.7
98 58.1 54.5 81.7



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 68.119 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

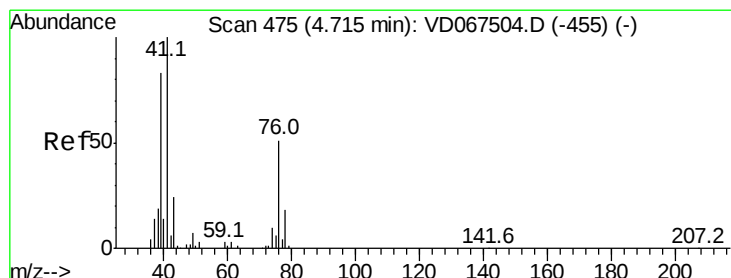
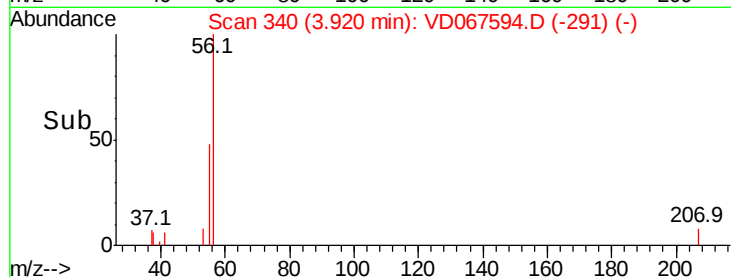
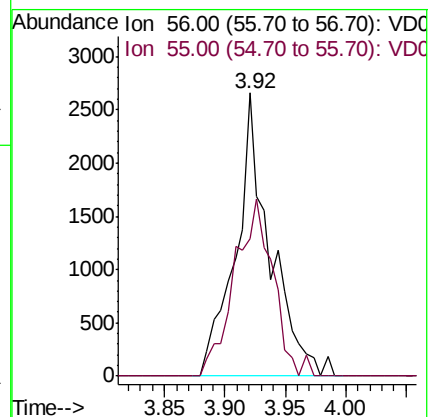
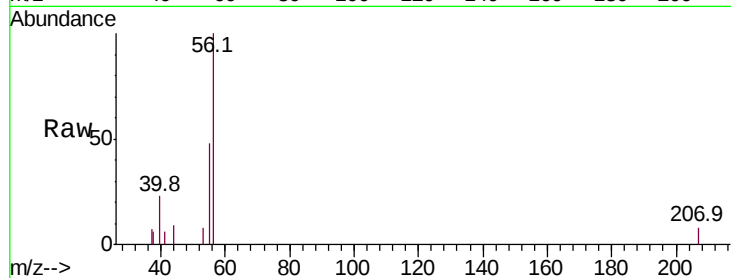
VD1111SBSD01

Tot Ion: 56 Resp: 5242

Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.8



#14

Allyl chloride

Concen: 19.478 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

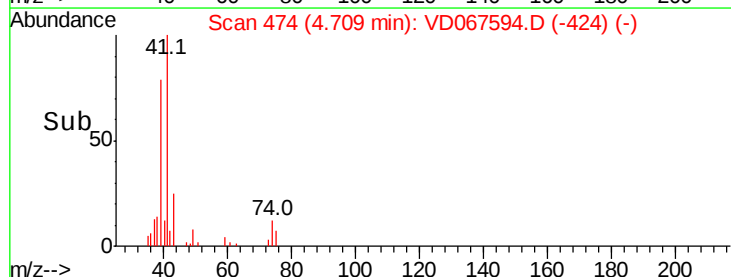
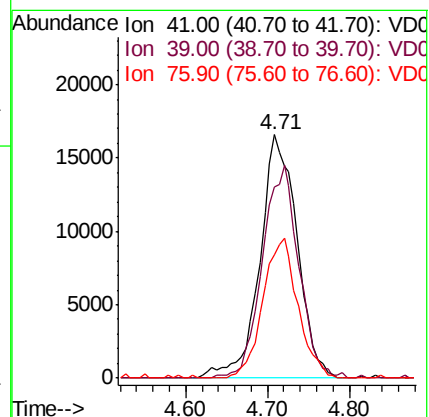
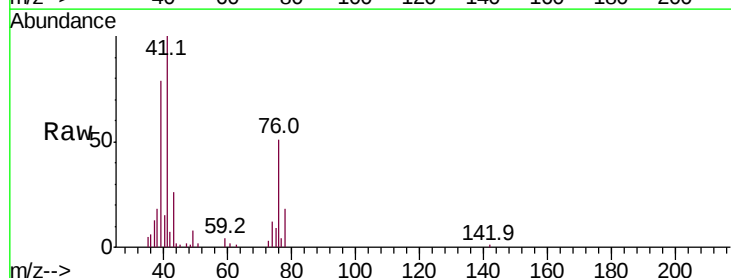
Tgt Ion: 41 Resp: 52394

Ion Ratio Lower Upper

41 100

39 85.9 67.4 101.0

76 54.3 42.2 63.2





#15

Acrylonitrile

Concen: 100.861 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

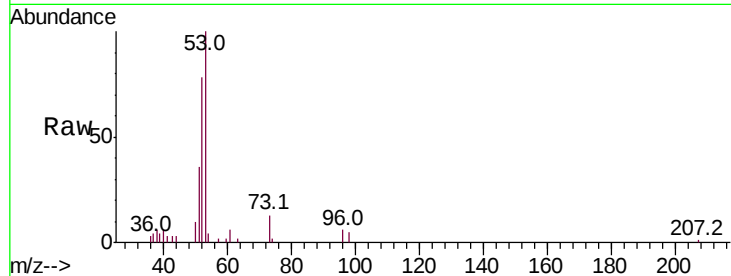
Tot Ion: 53 Resp: 40668

Ion Ratio Lower Upper

53 100

52 87.1 64.8 97.2

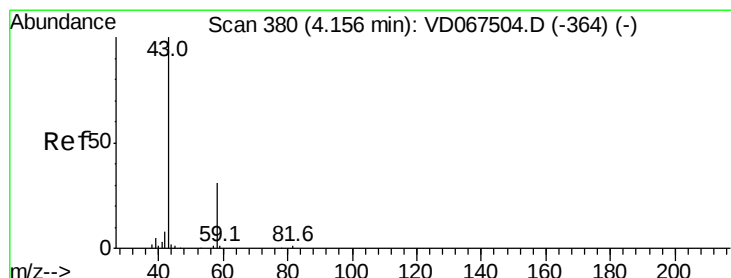
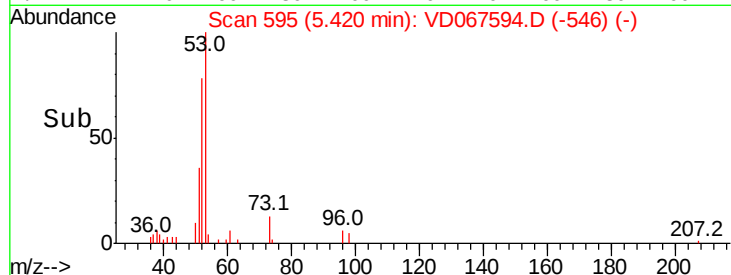
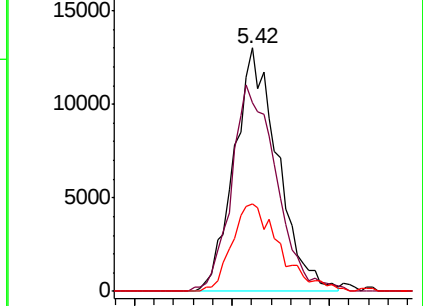
51 39.4 29.5 44.3



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: 90.880 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067594.D

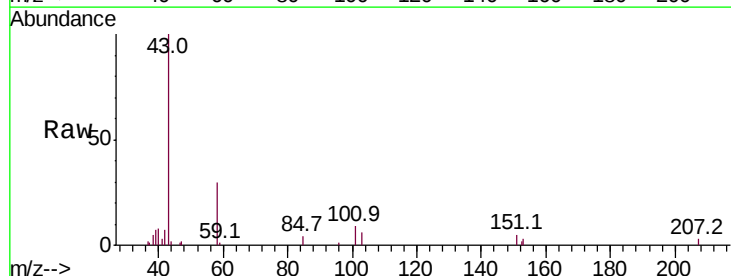
Acq: 11 Nov 2020 11:30

Tgt Ion: 43 Resp: 35809

Ion Ratio Lower Upper

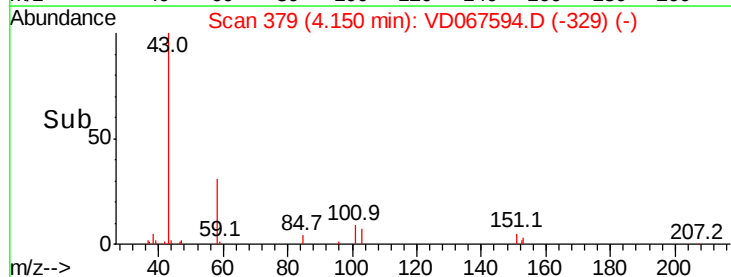
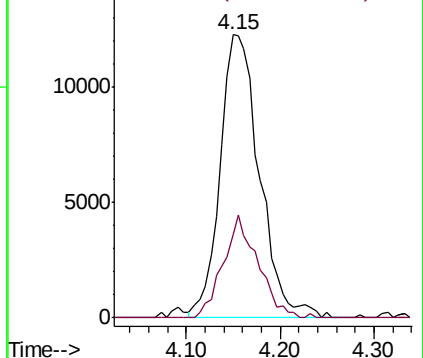
43 100

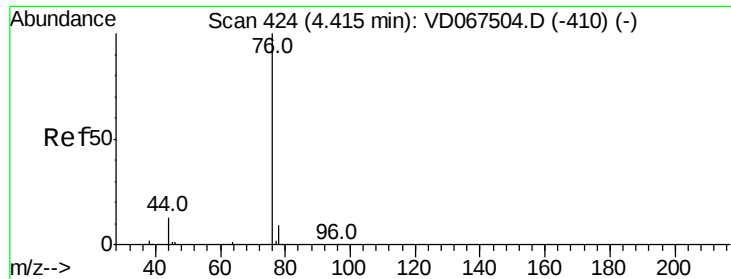
58 29.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

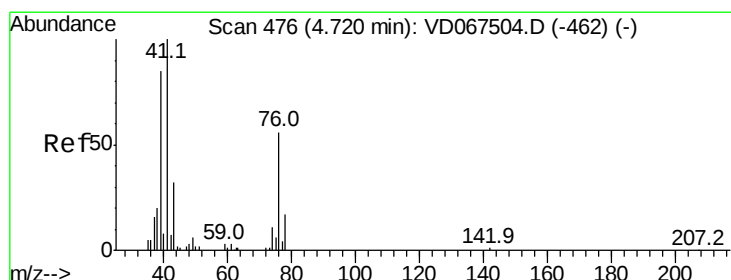
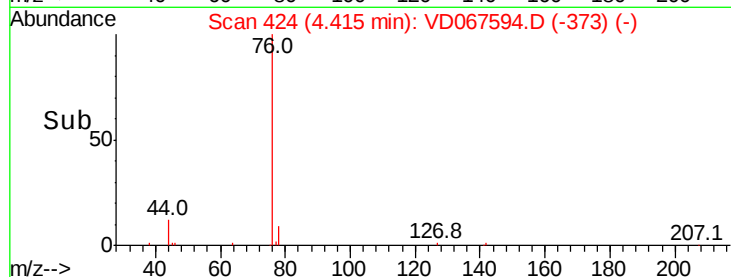
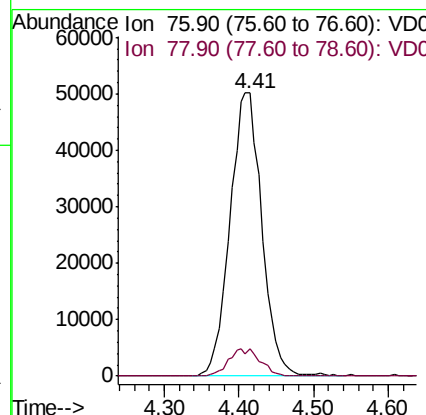
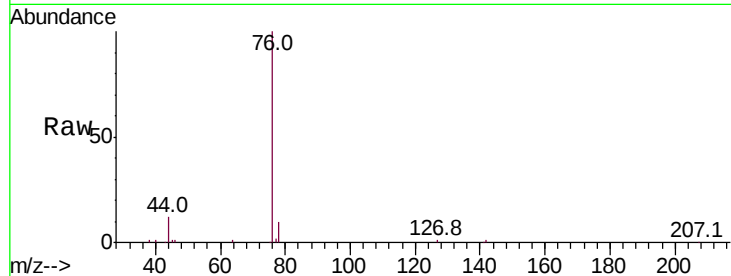




#17
Carbon Disulfide
Concen: 19.299 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

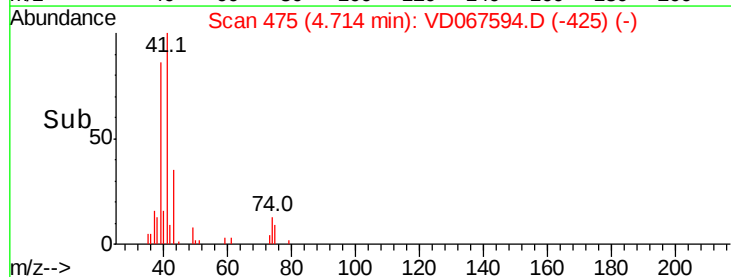
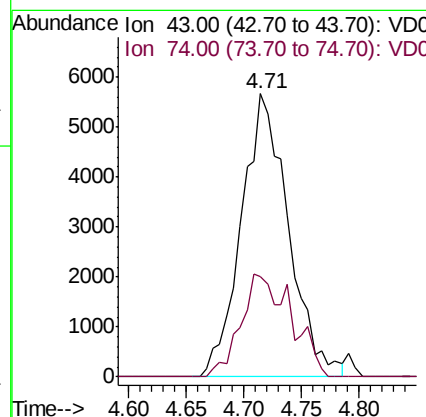
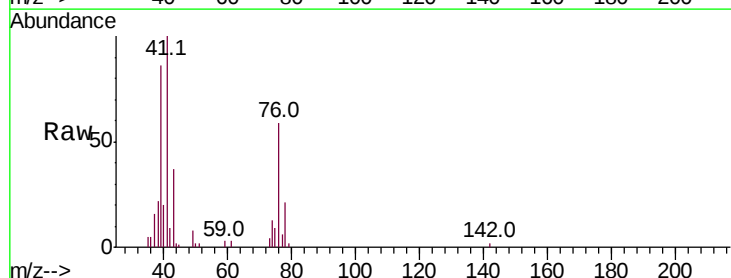
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

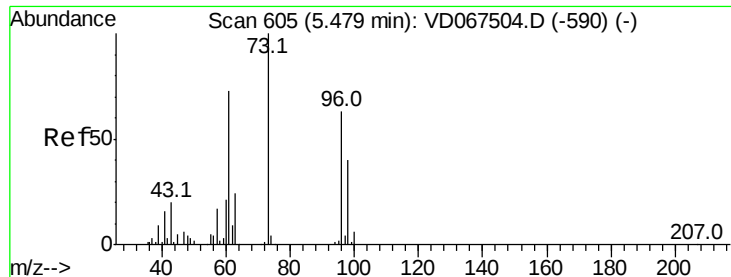
Tot Ion: 76 Resp: 148634
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 19.767 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 43 Resp: 16095
Ion Ratio Lower Upper
43 100
74 38.9 27.2 40.8

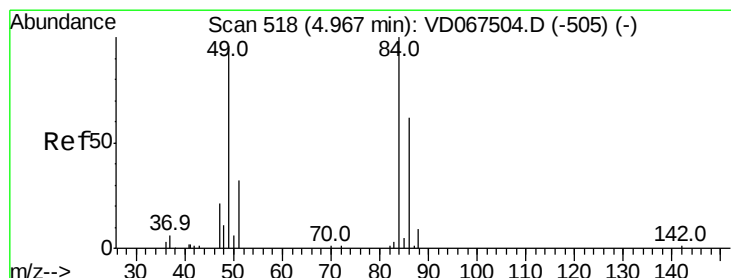
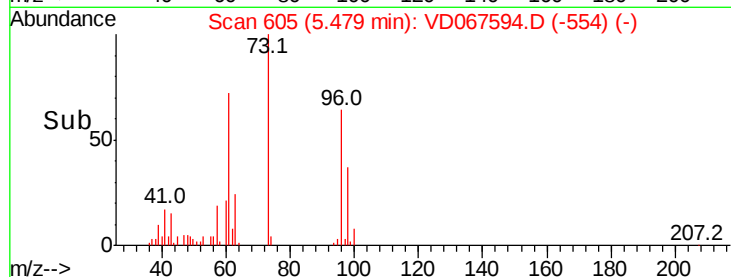
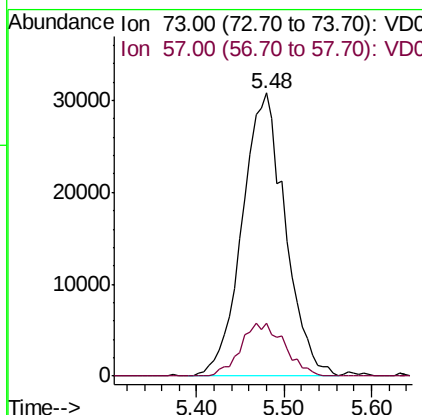
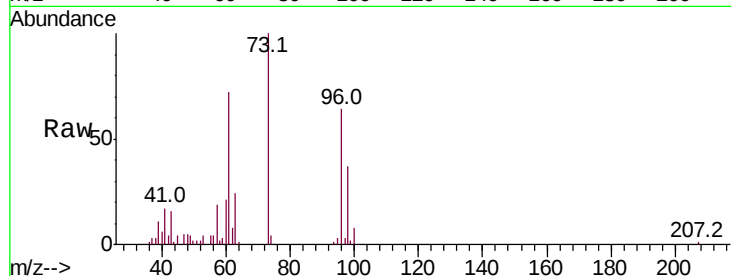




#19
Methvl tert-butvl Ether
Concen: 20.828 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

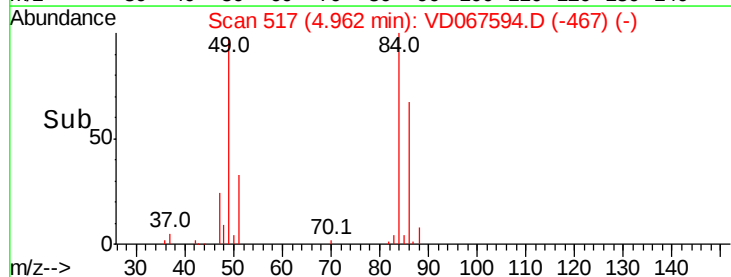
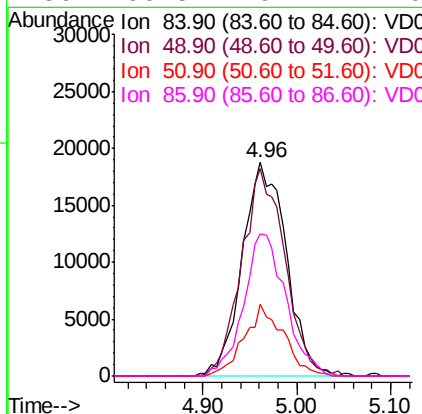
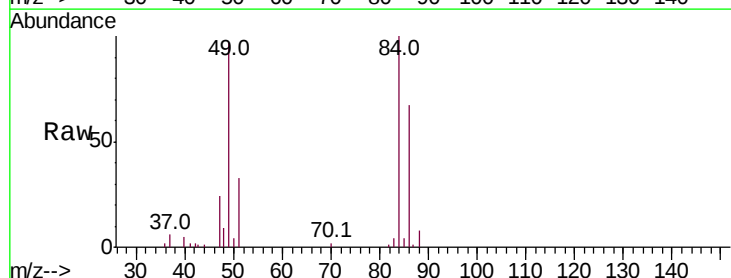
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

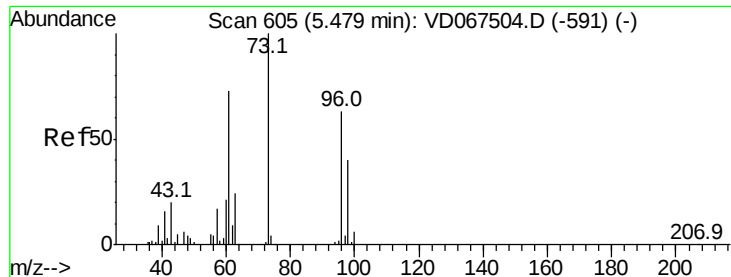
Tot Ion: 73 Resp: 103257
Ion Ratio Lower Upper
73 100
57 18.7 13.4 20.0



#20
Methylene Chloride
Concen: 21.796 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 84 Resp: 60665
Ion Ratio Lower Upper
84 100
49 97.0 77.0 115.4
51 33.4 25.4 38.2
86 66.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.800 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

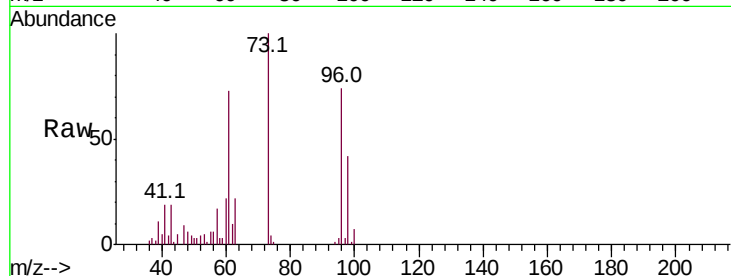
Tot Ion: 96 Resp: 60890

Ion Ratio Lower Upper

96 100

61 99.0 93.0 139.6

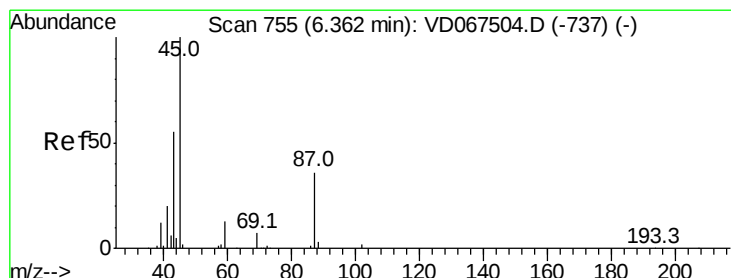
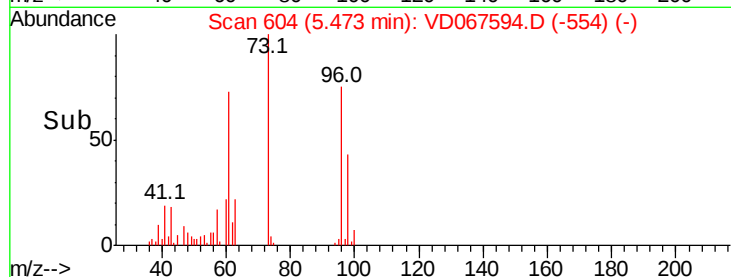
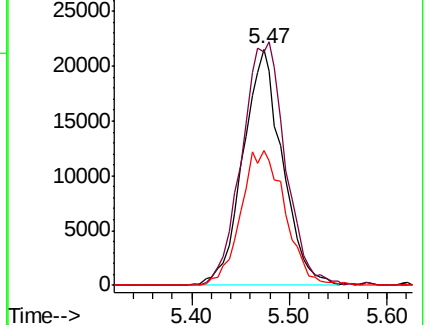
98 57.2 50.9 76.3



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: 20.575 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Tgt Ion: 45 Resp: 107852

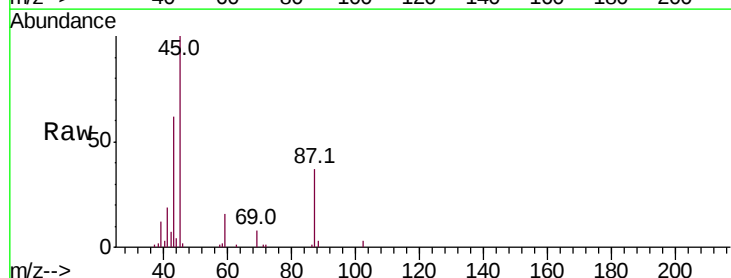
Ion Ratio Lower Upper

45 100

43 60.3 46.2 69.4

87 37.3 29.4 44.2

59 16.2 10.8 16.2

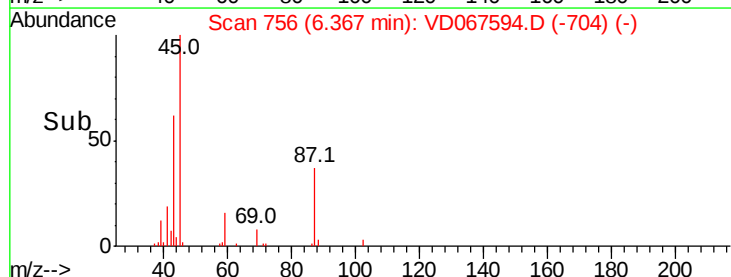
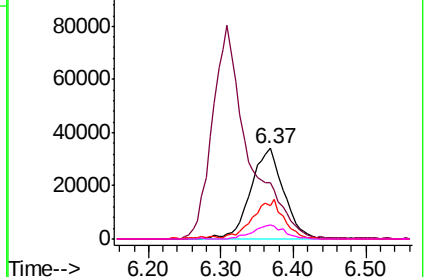


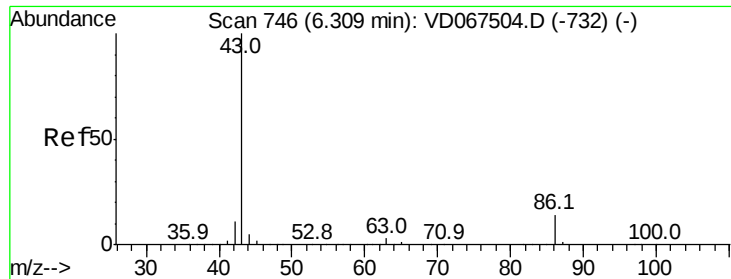
Abundance Ion 45.00 (44.70 to 45.70): VDC

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

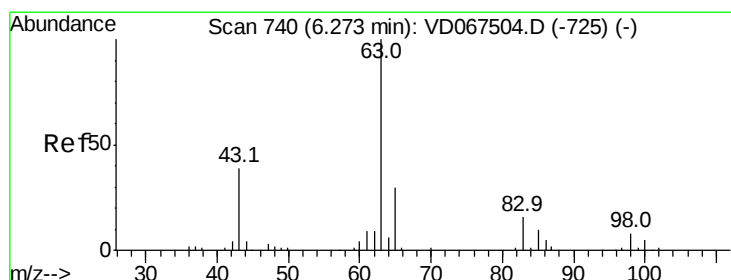
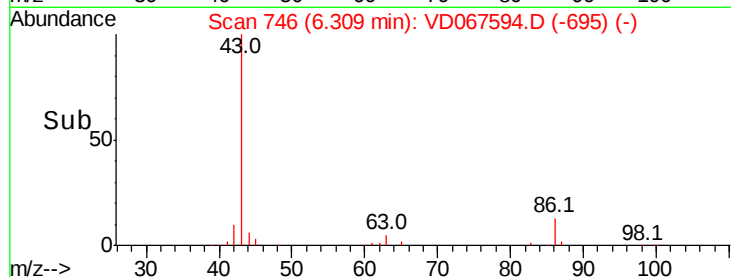
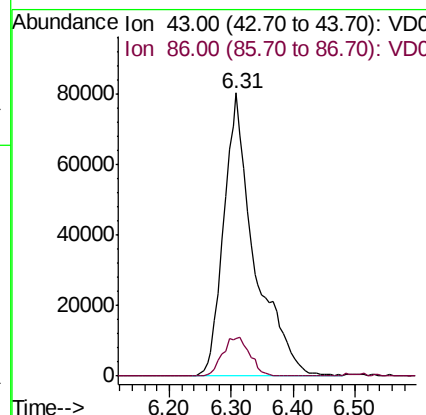
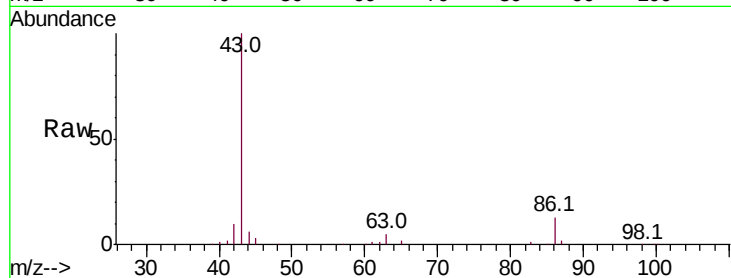




#23
 Vinyl Acetate
 Concen: 101.527 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

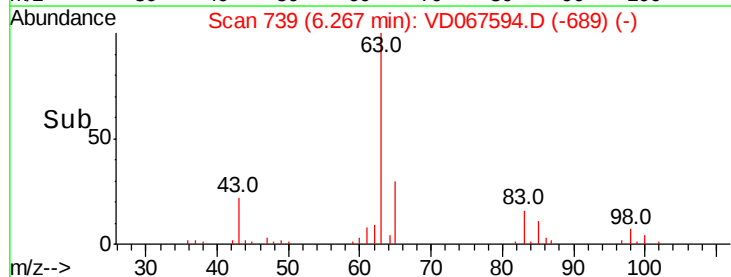
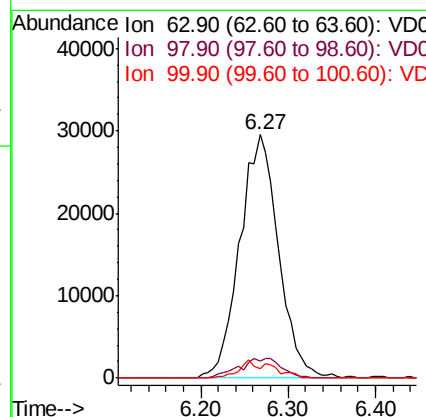
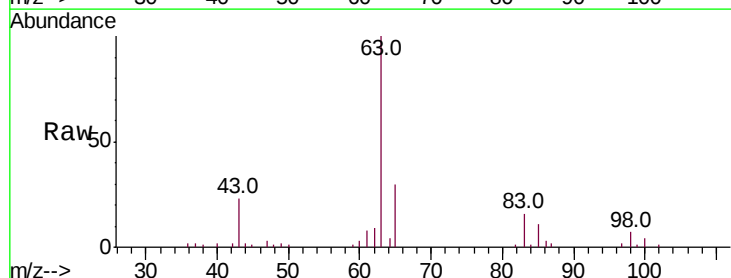
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

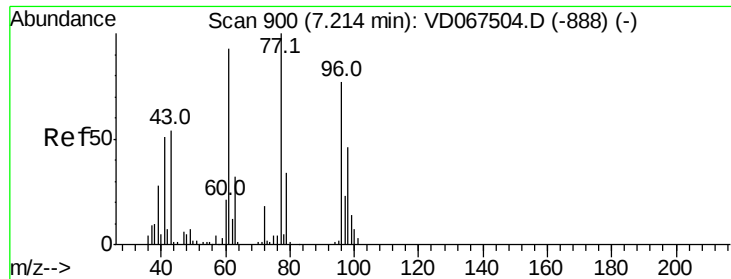
Tot Ion: 43 Resp: 278583
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 20.691 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion: 63 Resp: 88734
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.5
 100 3.6 2.6 7.8





#25

2-Butanone

Concen: 101.222 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

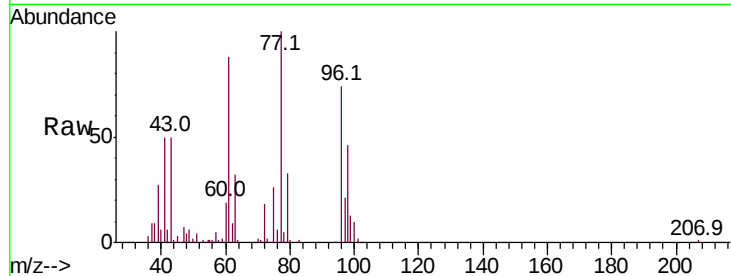
VD1111SBSD01

Tot Ion: 43 Resp: 42617

Ion Ratio Lower Upper

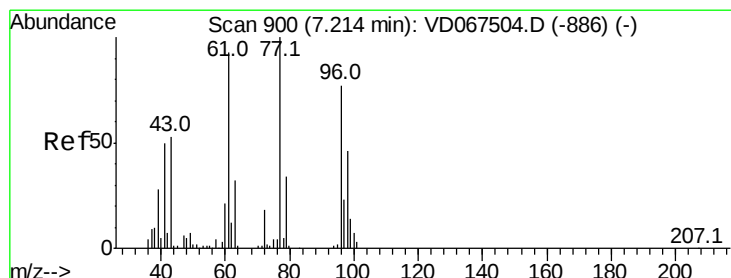
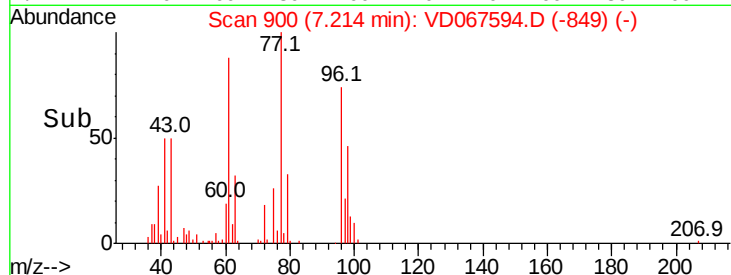
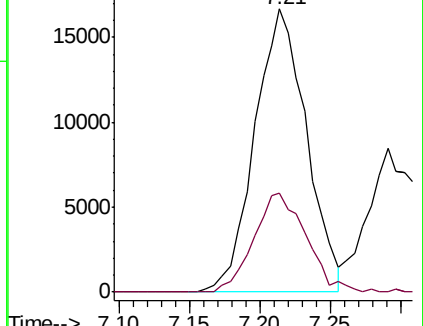
43 100

72 35.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.614 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067594.D

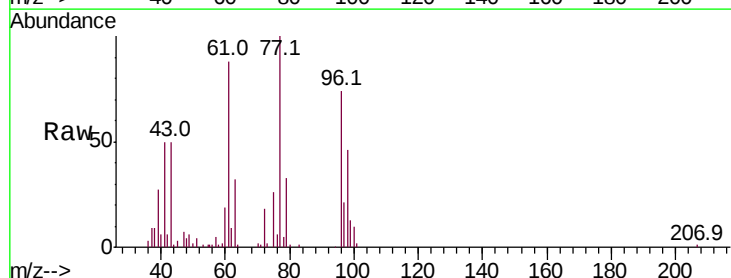
Acq: 11 Nov 2020 11:30

Tgt Ion: 77 Resp: 97823

Ion Ratio Lower Upper

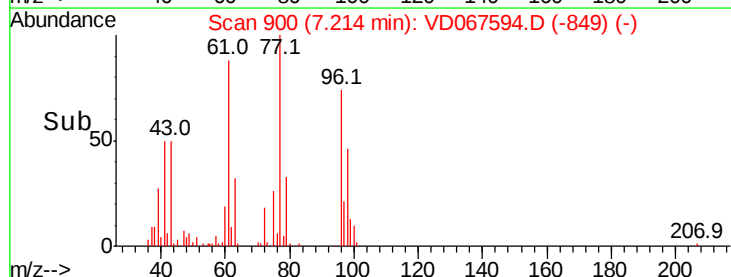
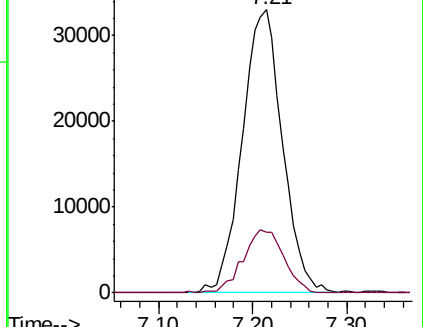
77 100

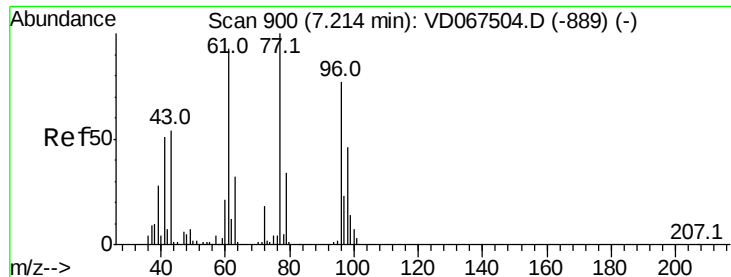
97 22.7 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 20.494 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

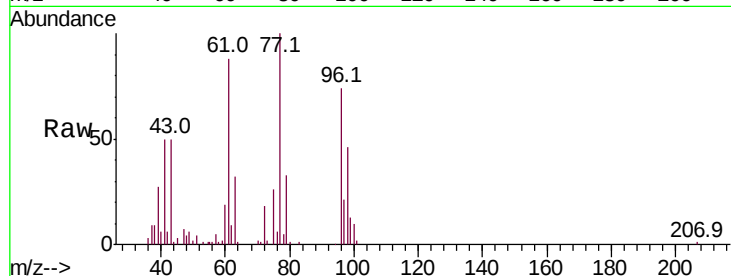
Tot Ion: 96 Resp: 62271

Ion Ratio Lower Upper

96 100

61 128.4 0.0 251.6

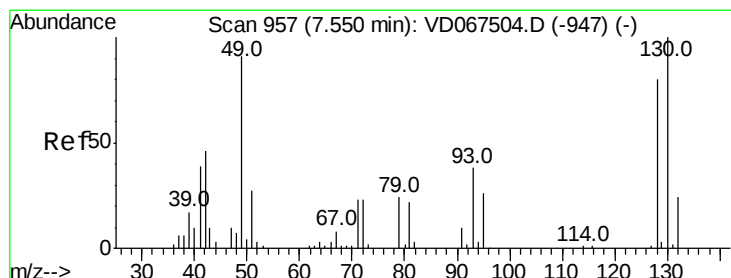
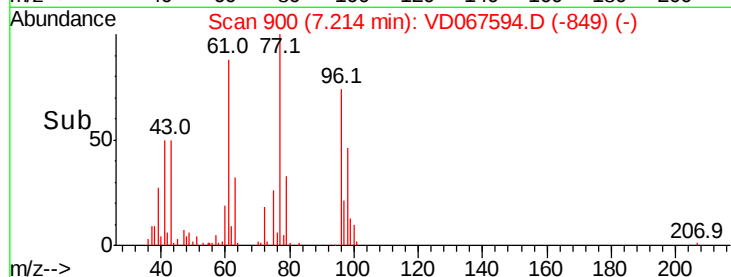
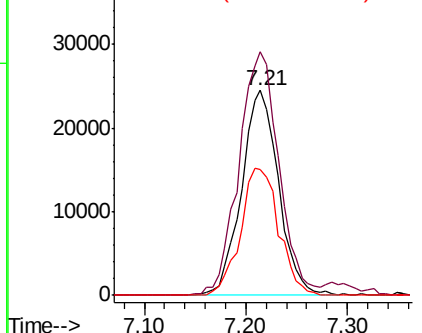
98 63.7 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 18.358 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

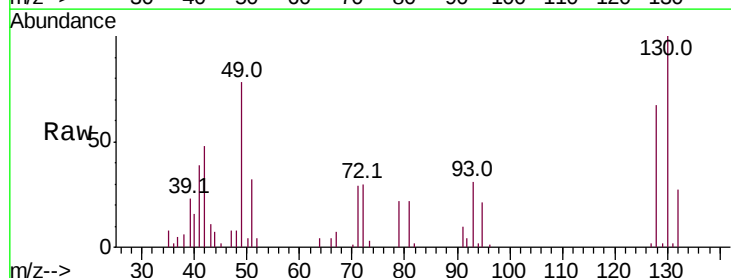
Tgt Ion: 49 Resp: 28003

Ion Ratio Lower Upper

49 100

129 1.4 0.0 6.4

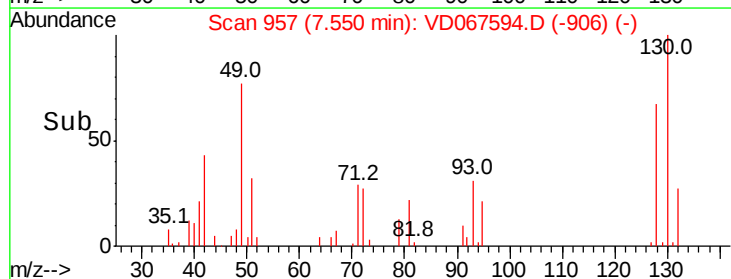
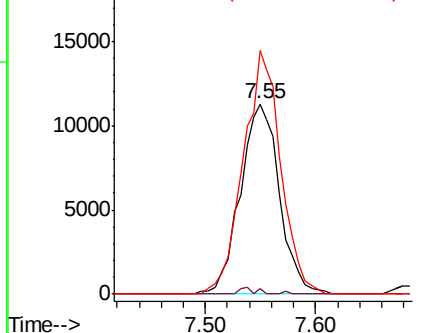
130 122.9 94.6 142.0

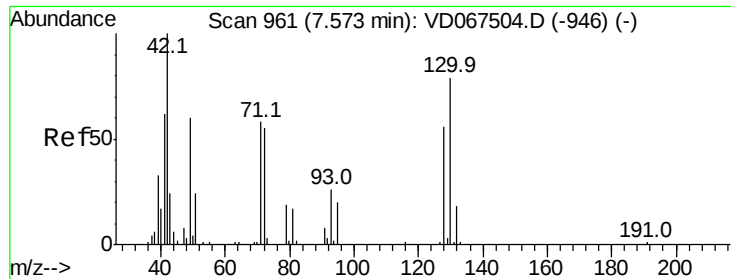


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

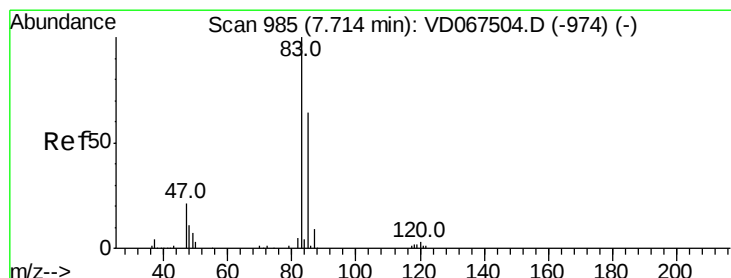
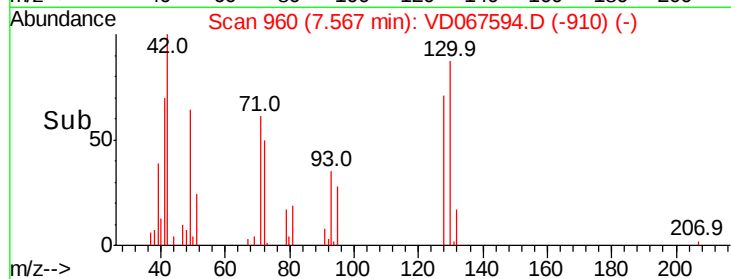
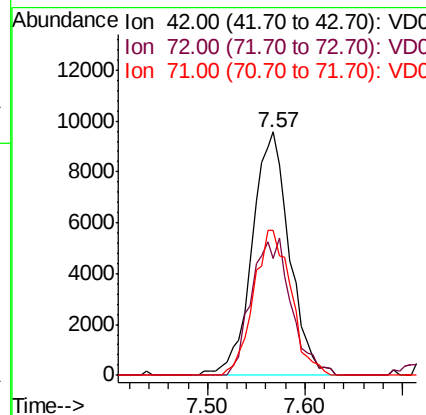
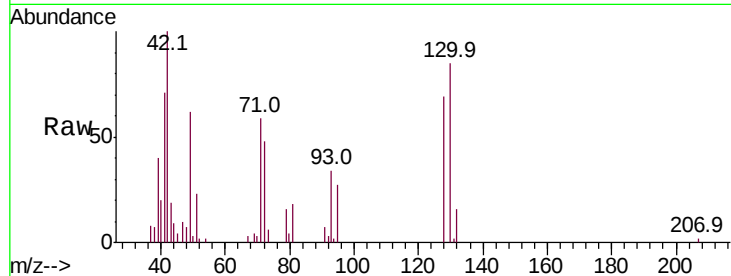




#29
Tetrahydrofuran
Concen: 101.120 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

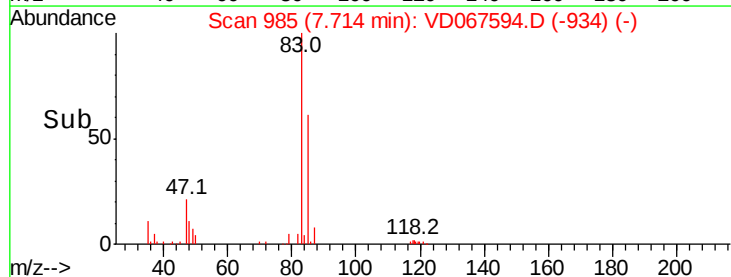
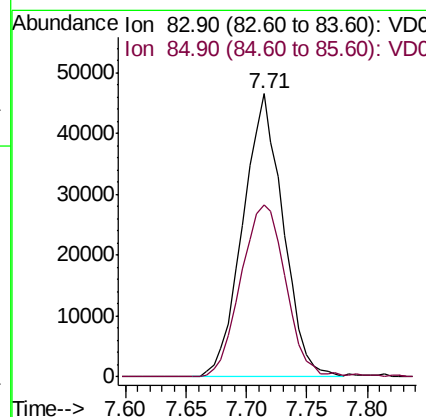
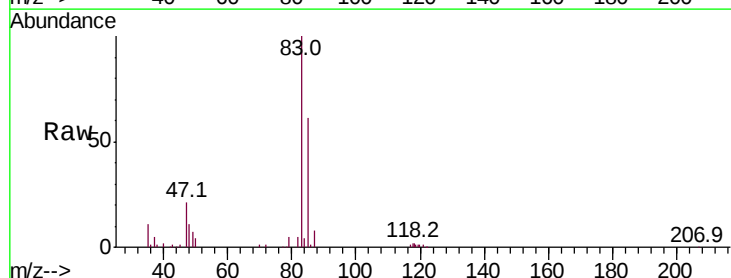
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

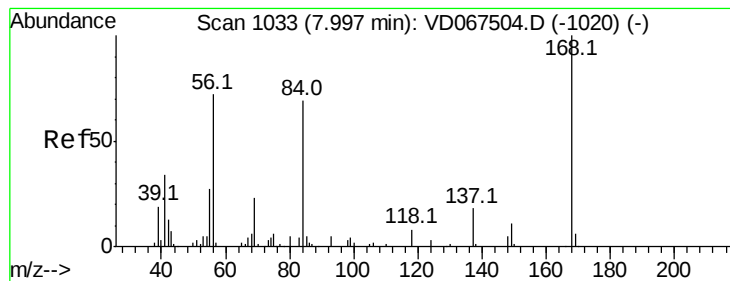
Tot Ion: 42 Resp: 25502
Ion Ratio Lower Upper
42 100
72 59.5 46.3 69.5
71 59.9 44.0 66.0



#30
Chloroform
Concen: 21.162 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 83 Resp: 108267
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3





#31

Cyclohexane

Concen: 20.080 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

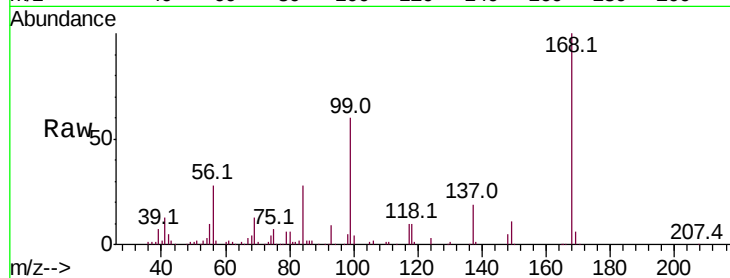
Tot Ion: 56 Resp: 76684

Ion Ratio Lower Upper

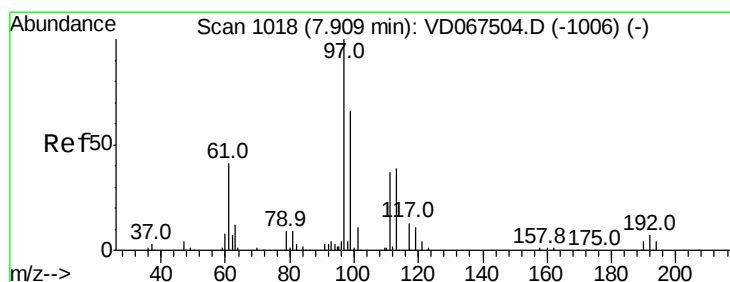
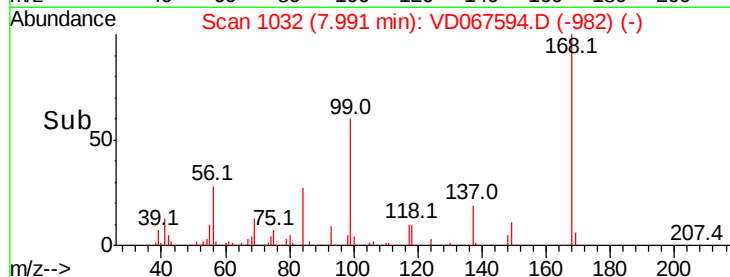
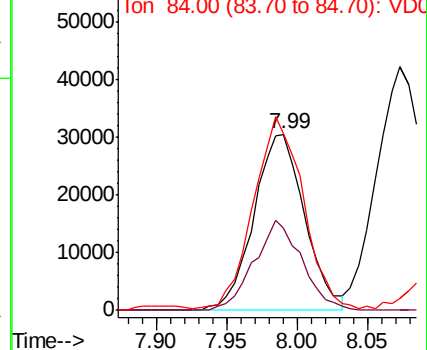
56 100

69 46.7 25.9 38.9#

84 98.4 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: 21.165 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

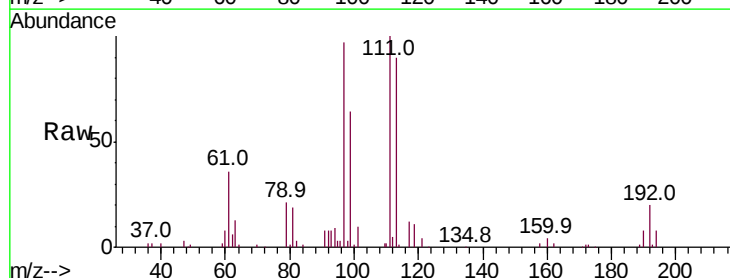
Tgt Ion: 97 Resp: 111723

Ion Ratio Lower Upper

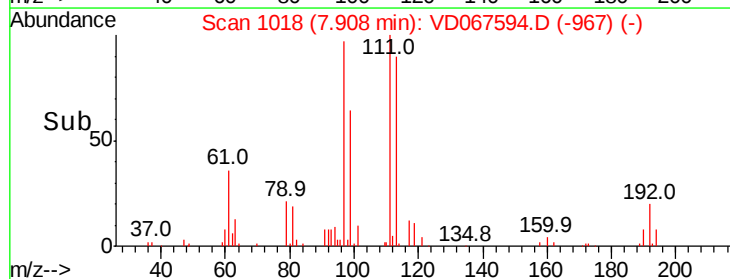
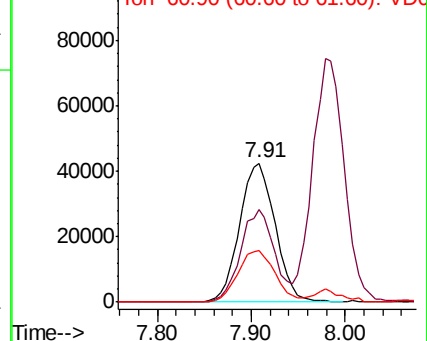
97 100

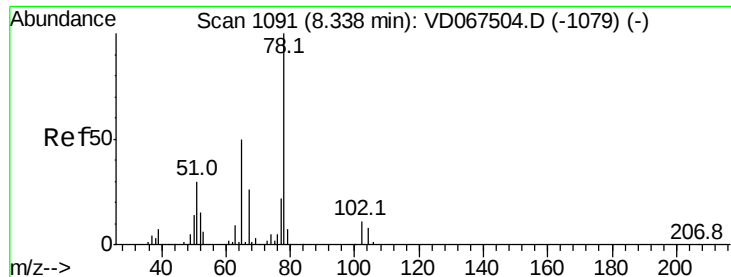
99 63.7 51.8 77.6

61 38.3 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: 46.701 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

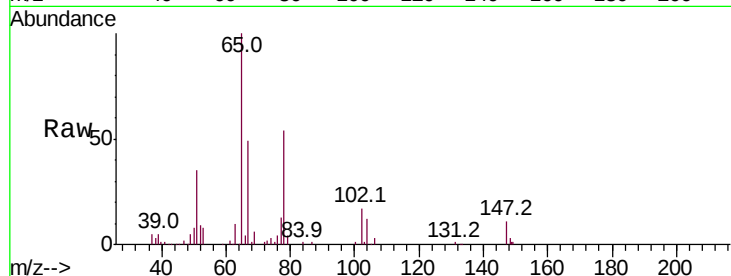
VD1111SBSD01

Tot Ion: 65 Resp: 122968

Ion Ratio Lower Upper

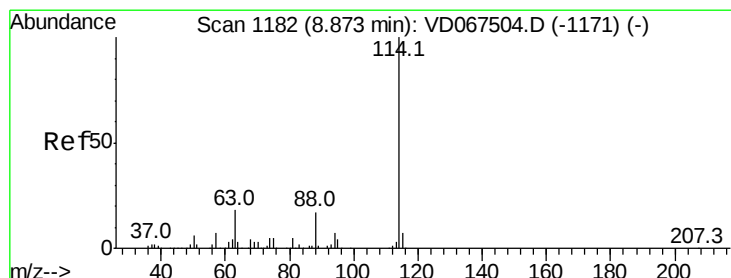
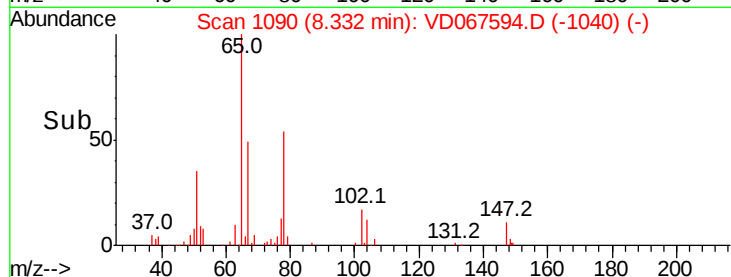
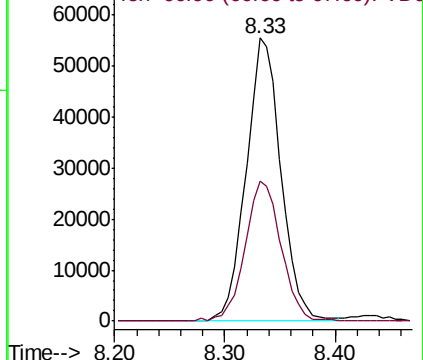
65 100

67 51.1 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

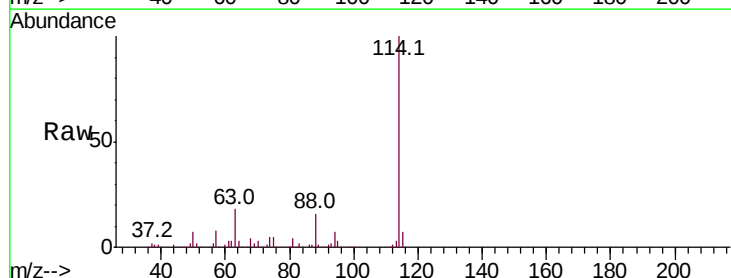
Tgt Ion: 114 Resp: 437142

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

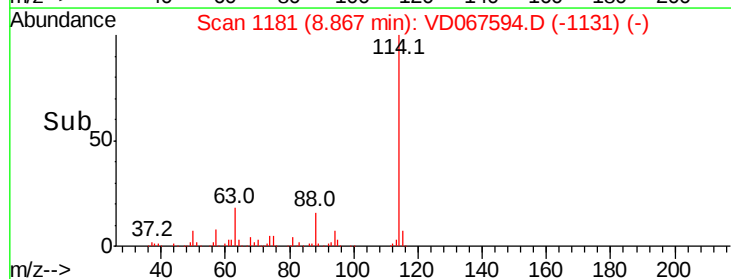
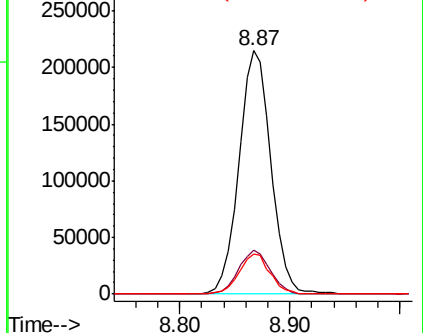
88 16.4 0.0 33.0

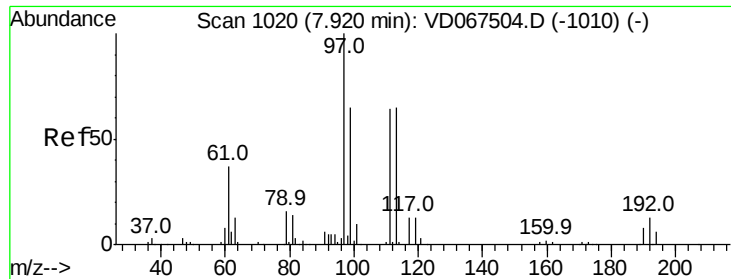


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

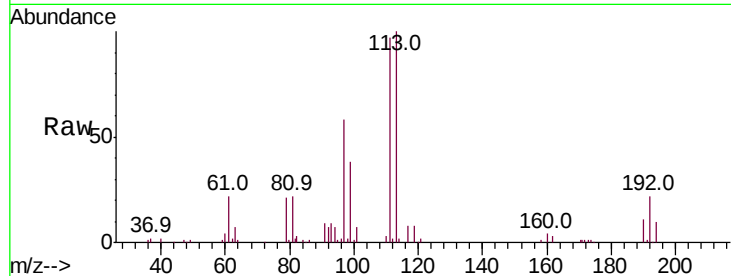




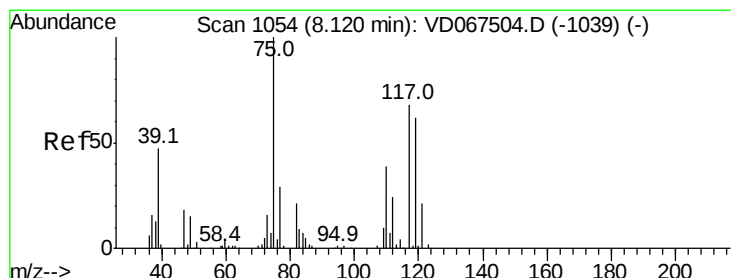
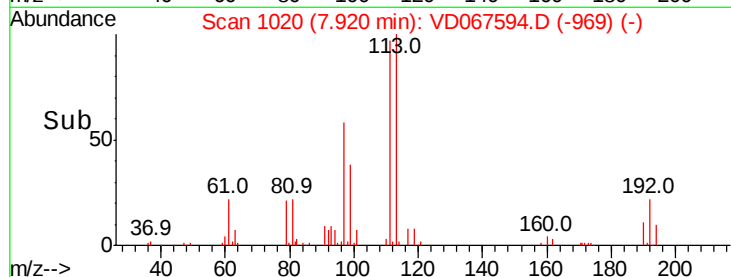
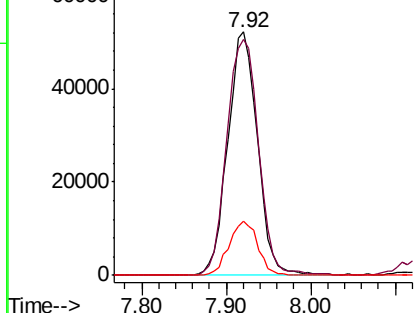
#35
 Dibromofluoromethane
 Concen: 47.934 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.0	120.0
192	21.4	16.3	24.5

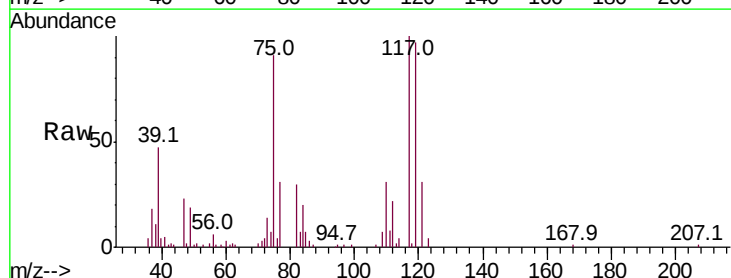


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

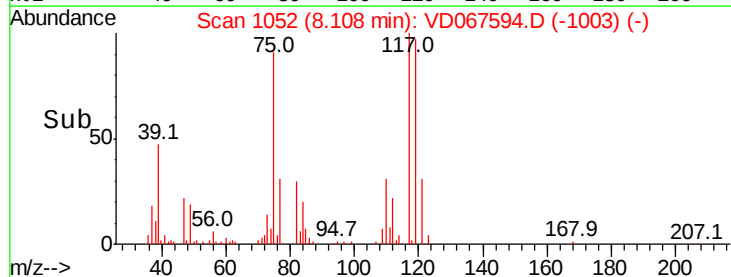
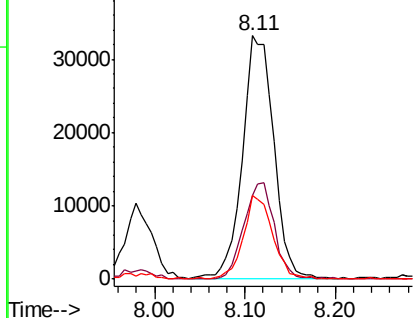


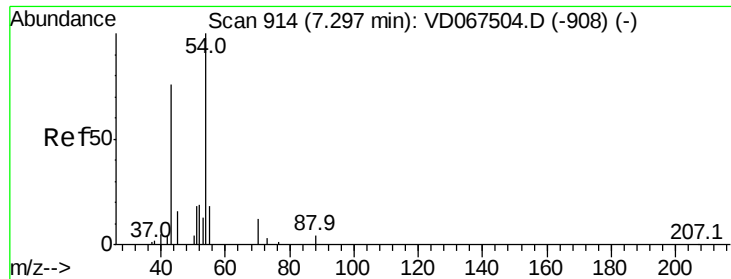
#36
 1,1-Dichloropropene
 Concen: 21.352 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.9	59.7
77	31.9	24.8	37.2



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

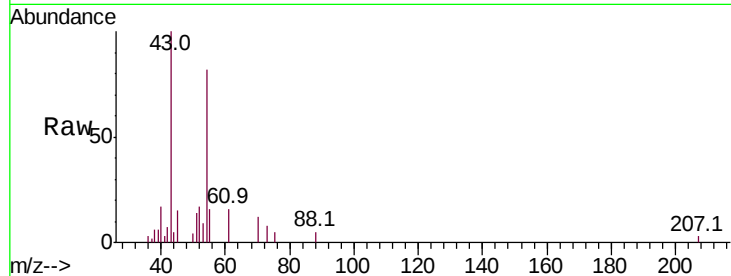




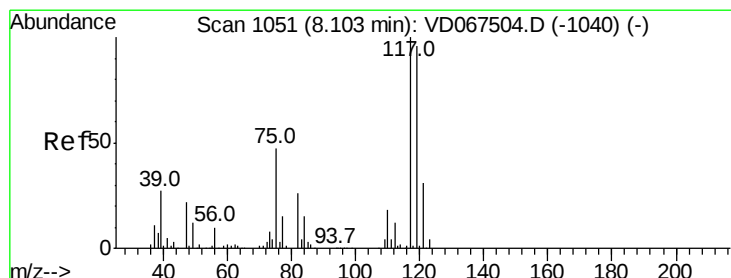
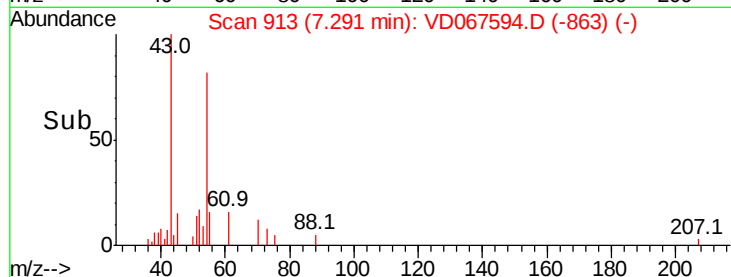
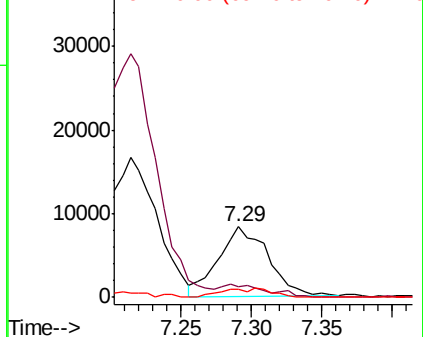
#37
Ethyl Acetate
Concen: 21.124 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tot Ion: 43 Resp: 20521
Ion Ratio Lower Upper
43 100
61 17.1 12.8 19.2
70 7.4 11.7 17.5#

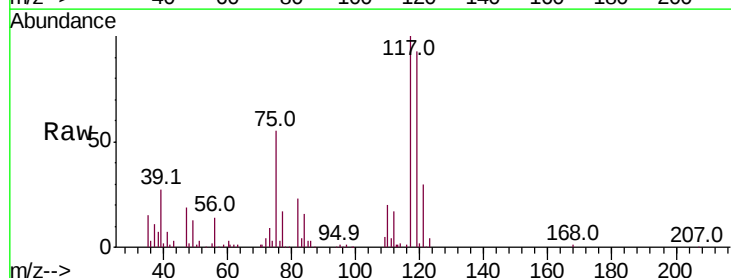


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

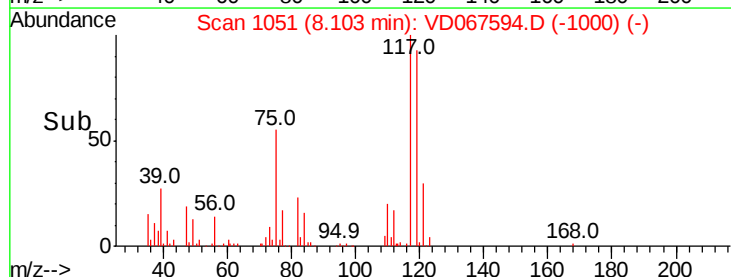
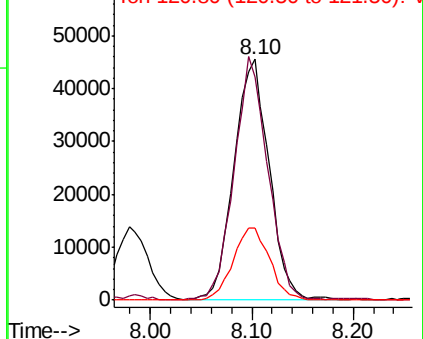


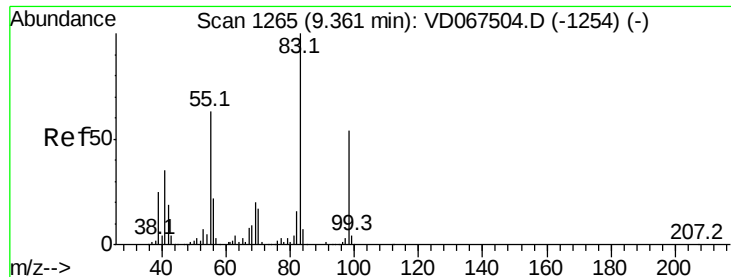
#38
Carbon Tetrachloride
Concen: 22.638 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 117 Resp: 110058
Ion Ratio Lower Upper
117 100
119 92.0 76.9 115.3
121 30.0 24.5 36.7



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

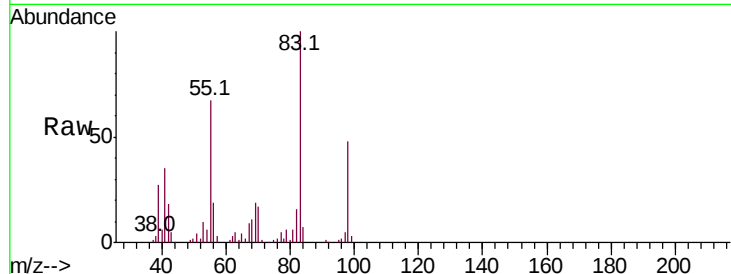




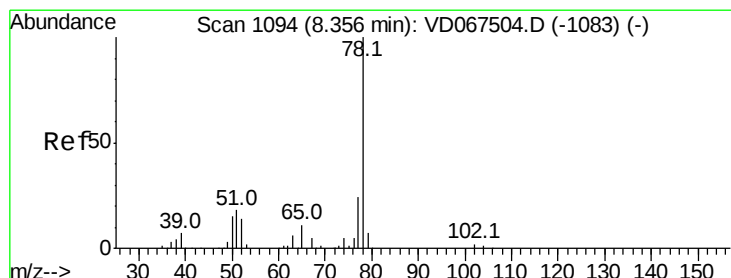
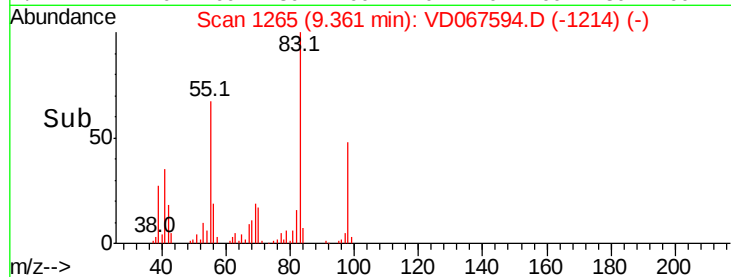
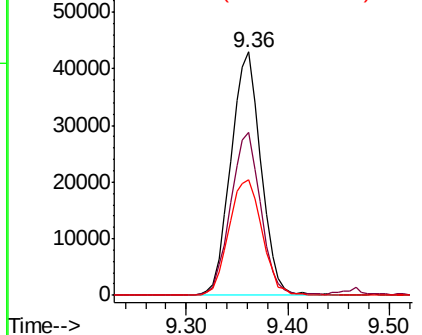
#39
Methvlcvclohexane
Concen: 20.102 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tot Ion	83	Resp	88530
Ion Ratio	100	Lower	Upper
55	66.7	50.5	75.7
98	47.7	43.4	65.0

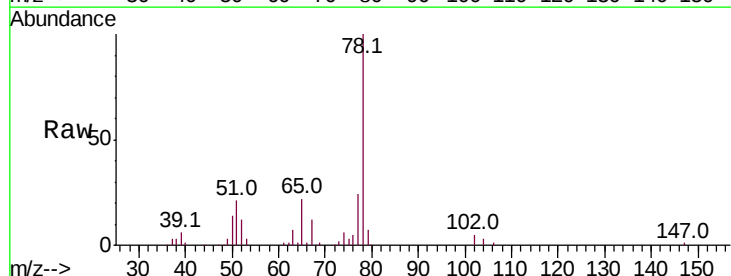


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

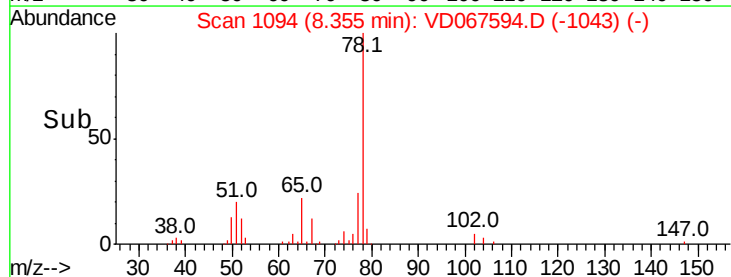
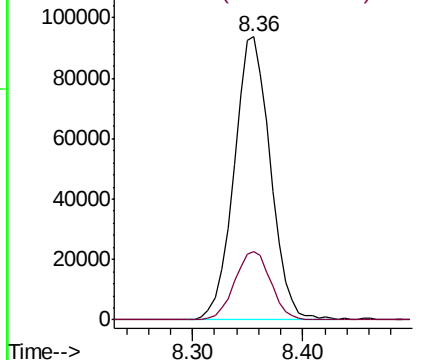


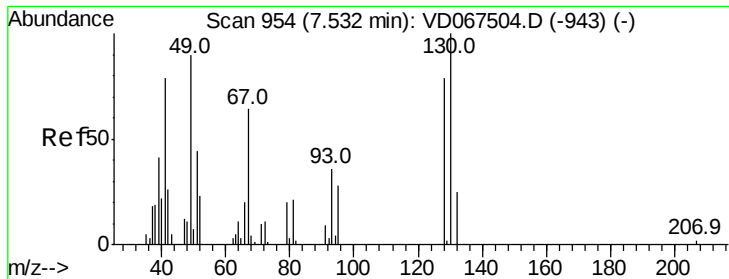
#40
Benzene
Concen: 21.302 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion	78	Resp	215915
Ion Ratio	100	Lower	Upper
77	24.1	19.1	28.7



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

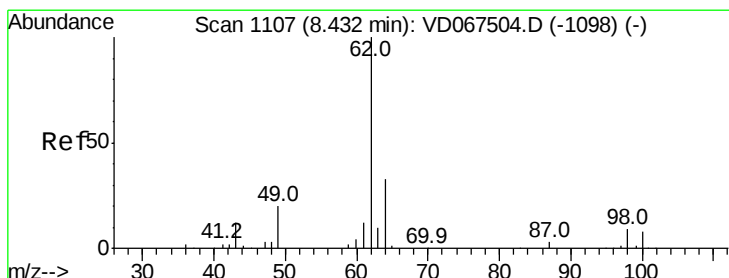
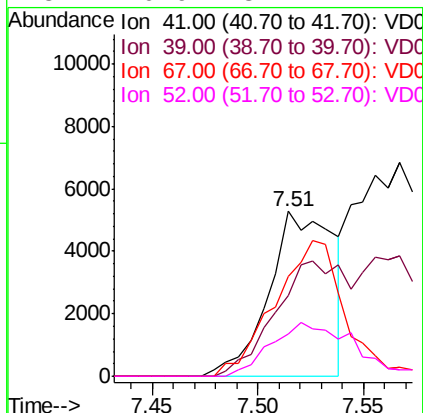
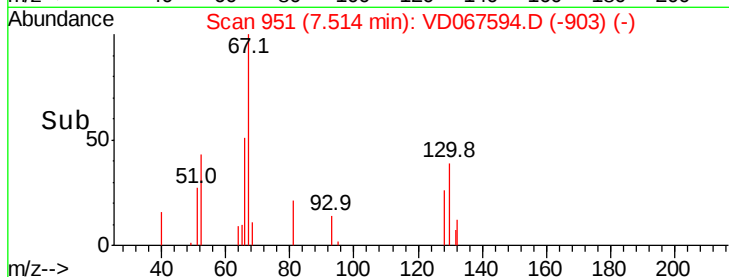
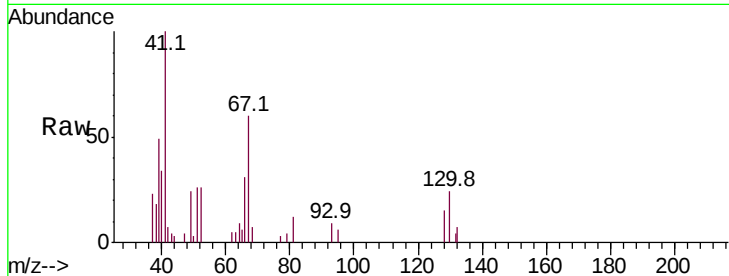




#41
Methacrylonitrile
Concen: 19.444 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

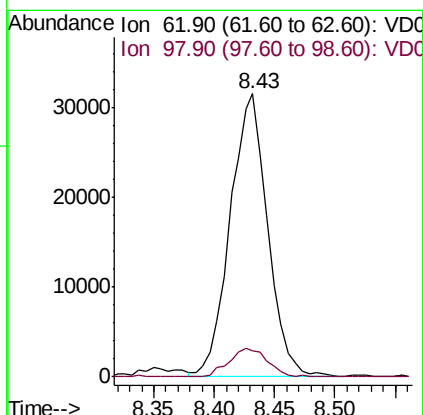
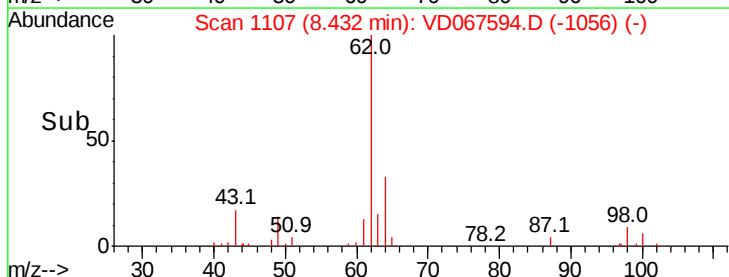
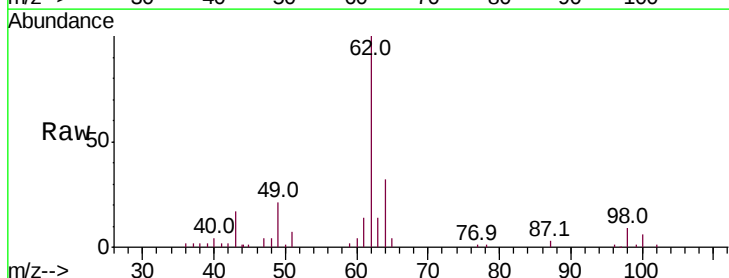
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

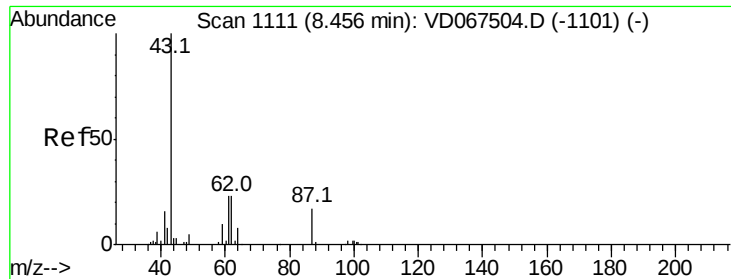
Tot Ion: 41 Resp: 11291
Ion Ratio Lower Upper
41 100
39 76.5 51.3 76.9
67 87.6 78.9 118.3
52 40.9 31.4 47.2



#42
1,2-Dichloroethane
Concen: 21.791 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 62 Resp: 68242
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.801 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

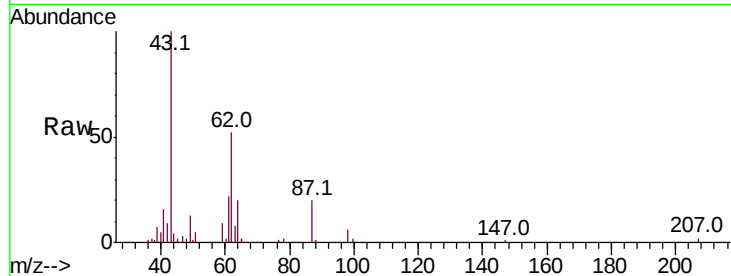
Tot Ion: 43 Resp: 39964

Ion Ratio Lower Upper

43 100

61 40.1 30.5 45.7

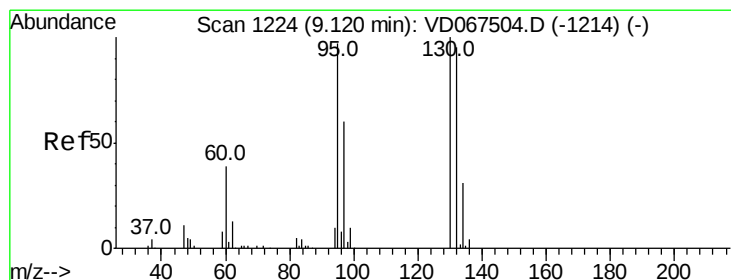
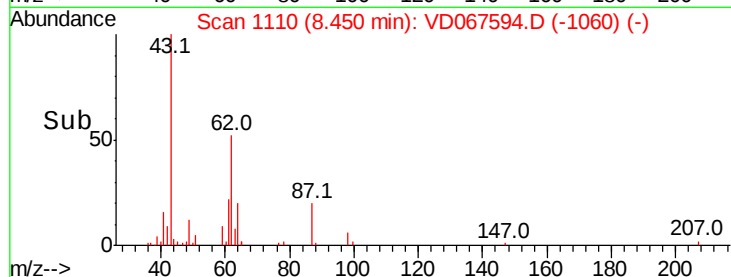
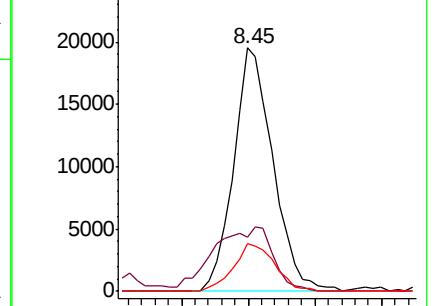
87 20.6 14.7 22.1



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: 21.145 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067594.D

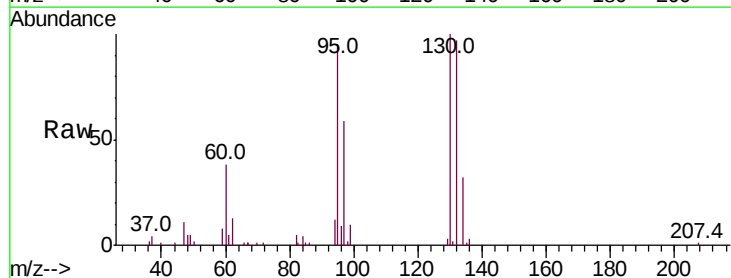
Acq: 11 Nov 2020 11:30

Tgt Ion:130 Resp: 70469

Ion Ratio Lower Upper

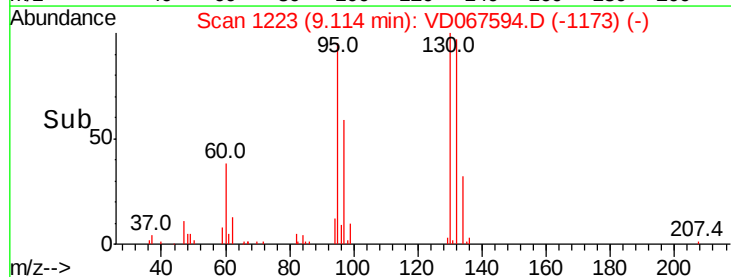
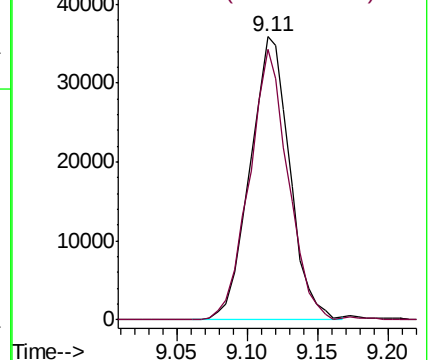
130 100

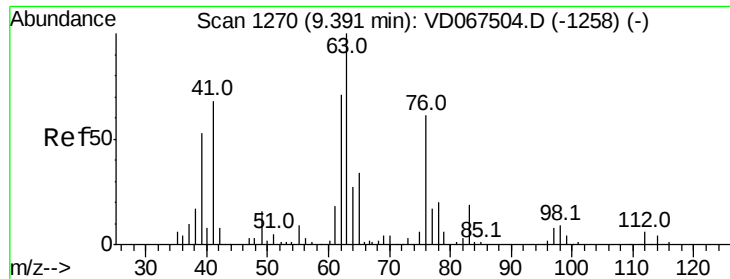
95 95.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

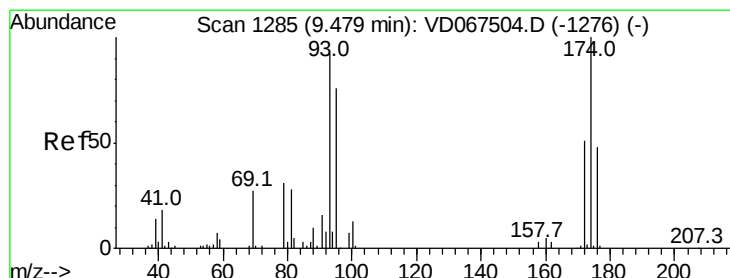
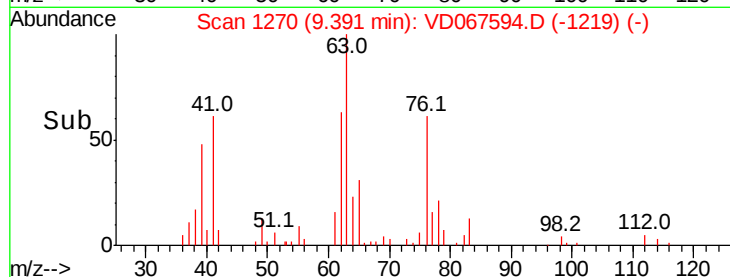
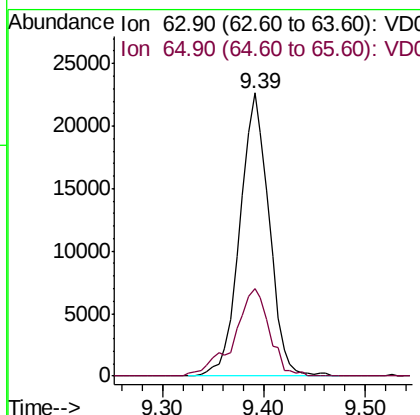
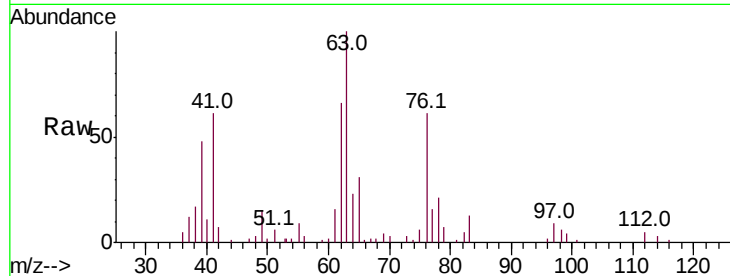




#45
 1,2-Dichloropropane
 Concen: 20.682 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

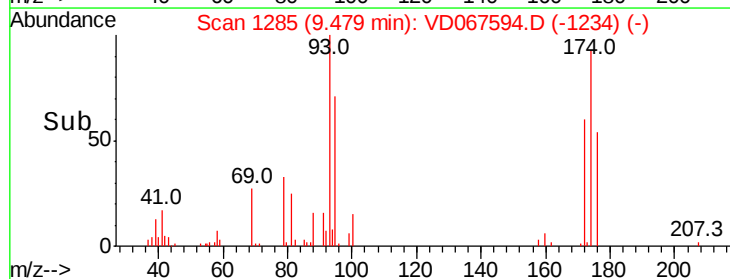
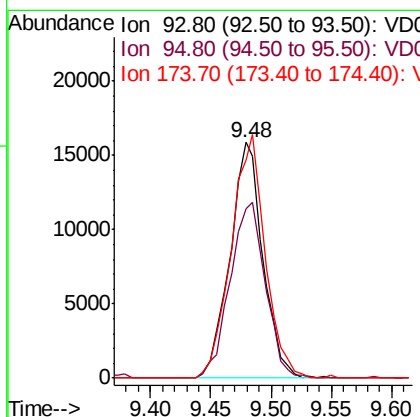
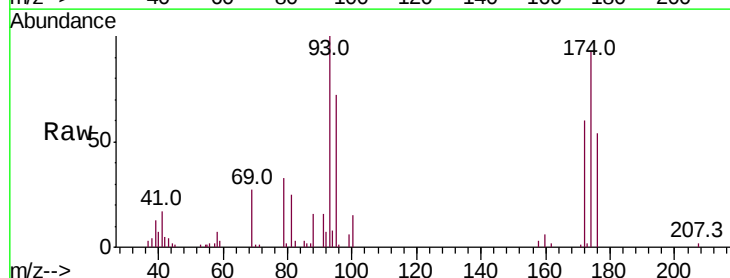
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

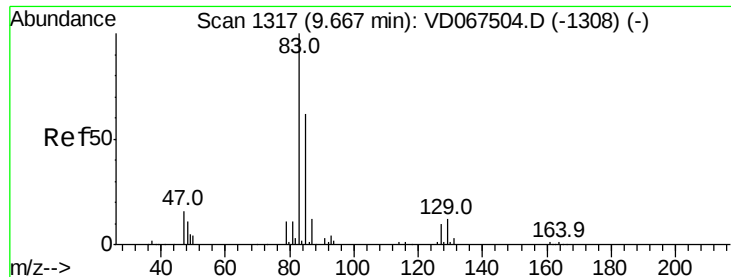
Tot Ion: 63 Resp: 45323
 Ion Ratio Lower Upper
 63 100
 65 30.9 26.9 40.3



#46
 Dibromomethane
 Concen: 21.599 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion: 93 Resp: 30096
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.4 99.6
 174 106.2 88.2 132.4





#47

Bromodichloromethane

Concen: 21.606 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

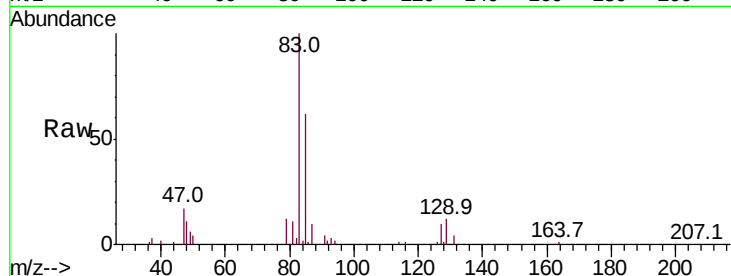
Tot Ion: 83 Resp: 81828

Ion Ratio Lower Upper

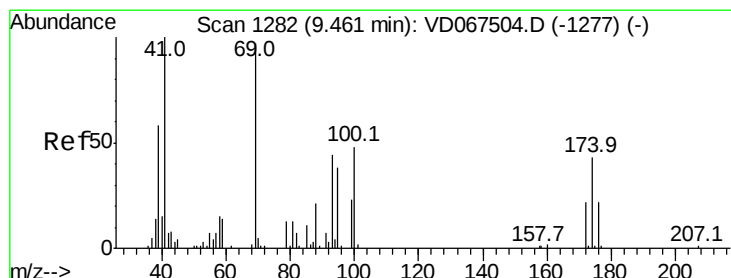
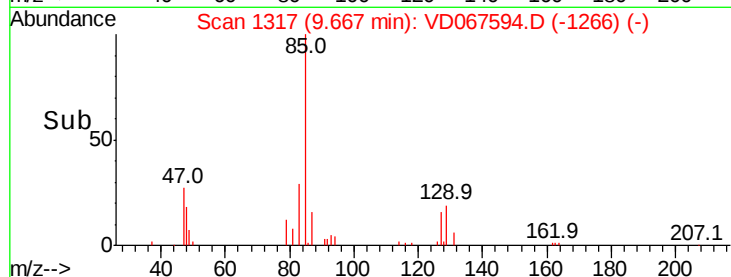
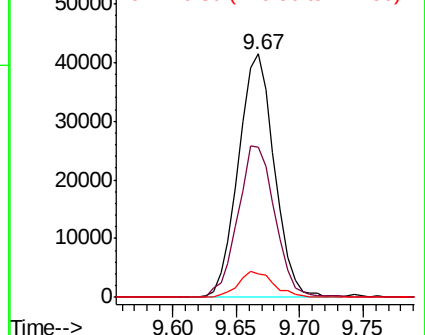
83 100

85 61.9 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: 19.143 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

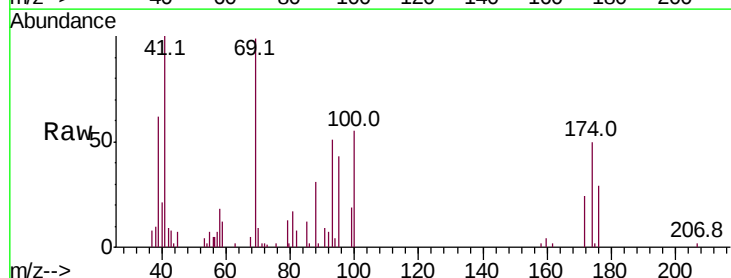
Tgt Ion: 41 Resp: 18989

Ion Ratio Lower Upper

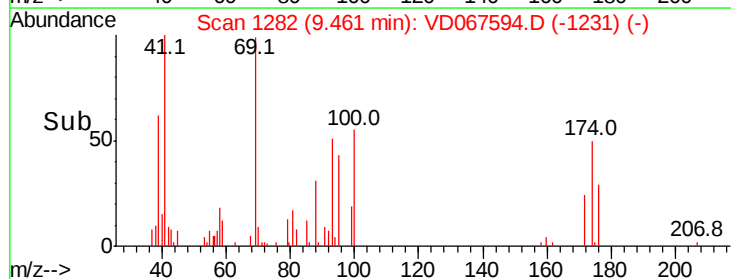
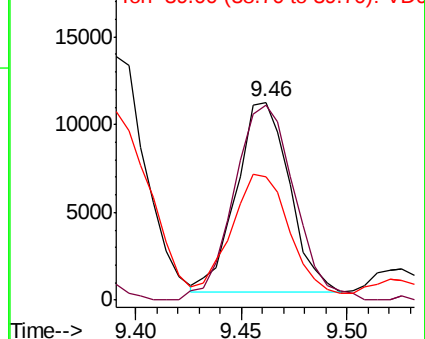
41 100

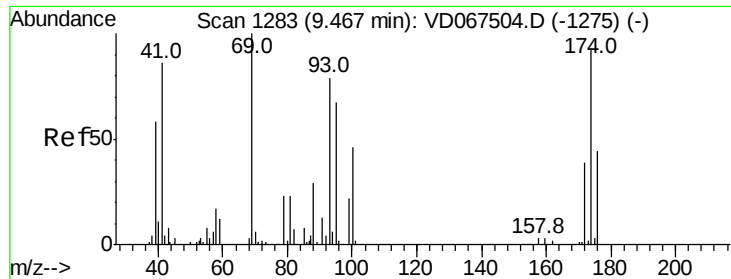
69 116.3 80.6 121.0

39 67.6 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: 474.014 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

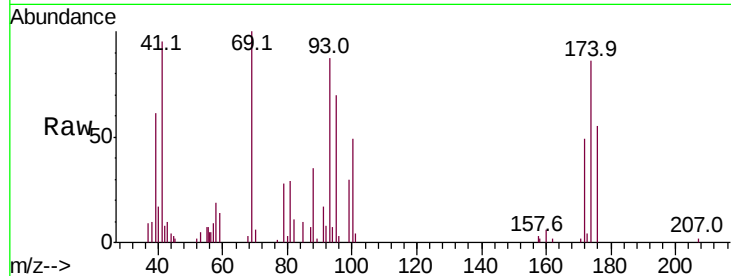
Tot Ion: 88 Resp: 6705

Ion Ratio Lower Upper

88 100

43 29.4 23.6 35.4

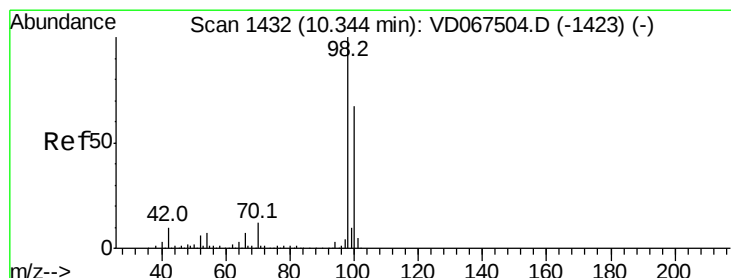
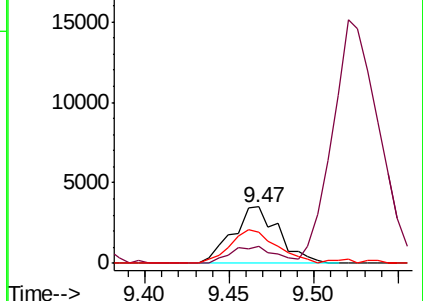
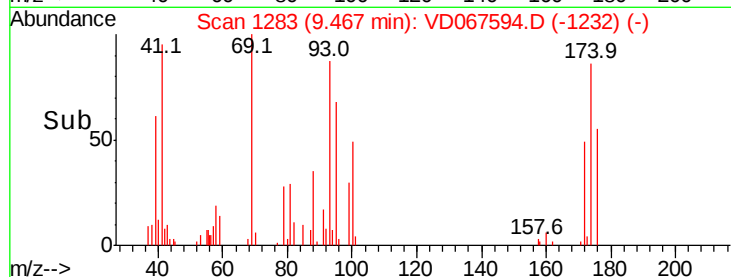
58 59.2 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 47.611 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067594.D

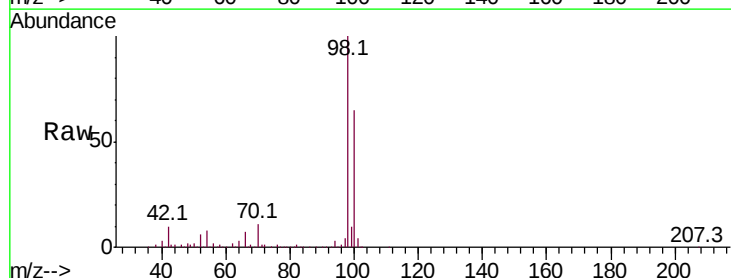
Acq: 11 Nov 2020 11:30

Tgt Ion: 98 Resp: 440674

Ion Ratio Lower Upper

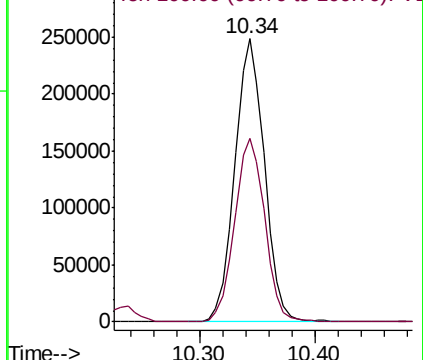
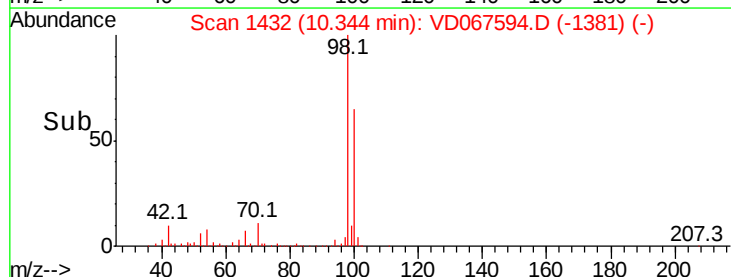
98 100

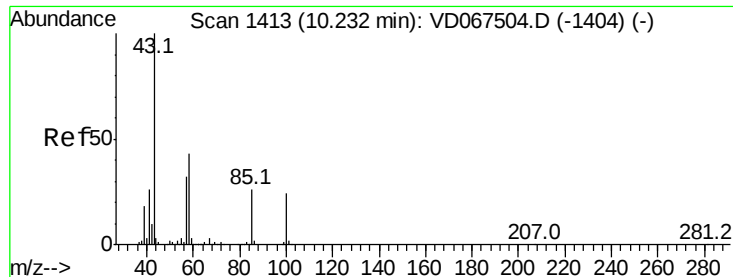
100 66.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 105.623 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

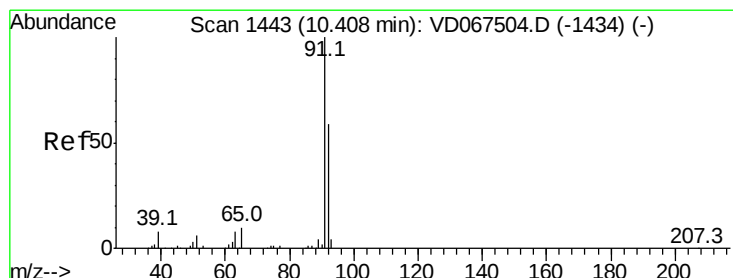
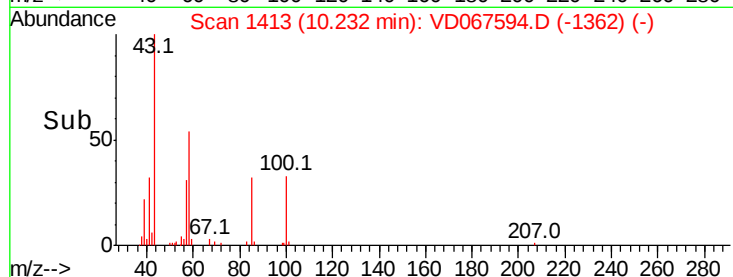
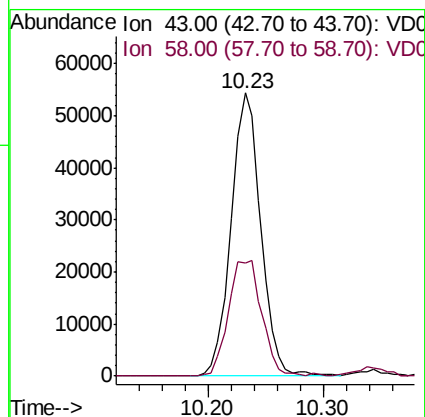
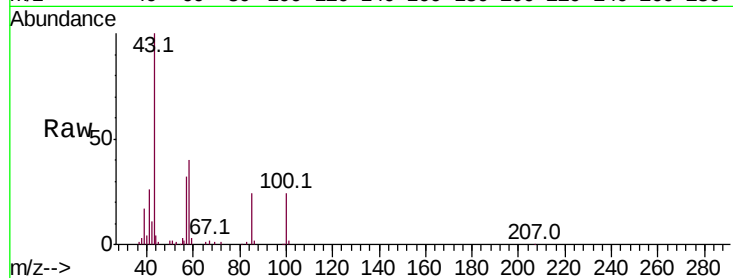
VD1111SBSD01

Tot Ion: 43 Resp: 97051

Ion Ratio Lower Upper

43 100

58 45.7 35.6 53.4



#52

Toluene

Concen: 21.771 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067594.D

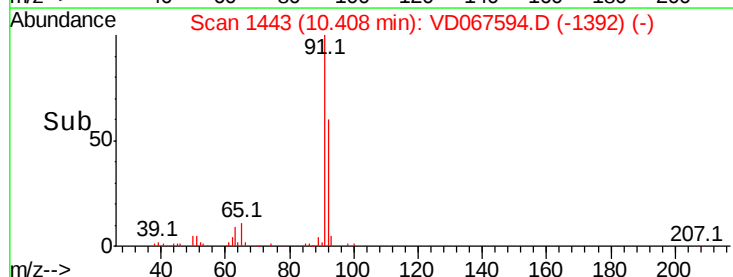
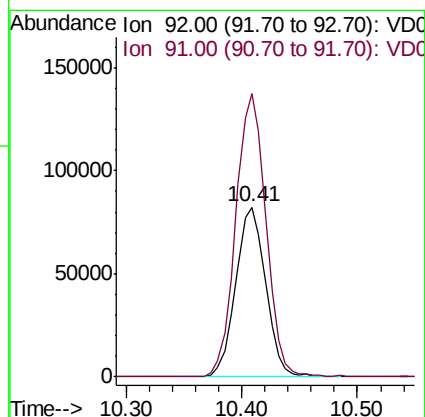
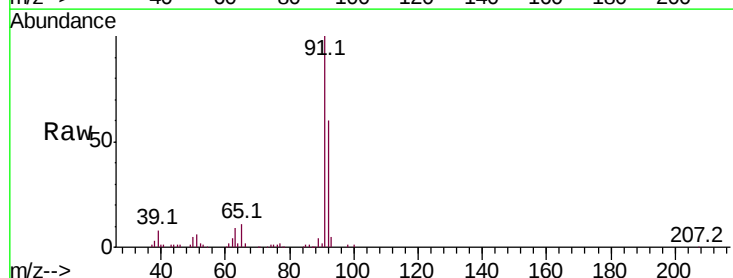
Acq: 11 Nov 2020 11:30

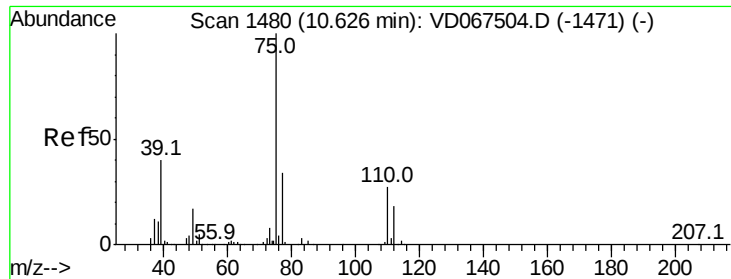
Tgt Ion: 92 Resp: 147803

Ion Ratio Lower Upper

92 100

91 168.2 137.0 205.6

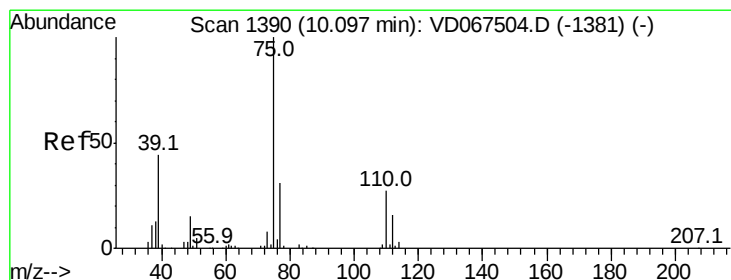
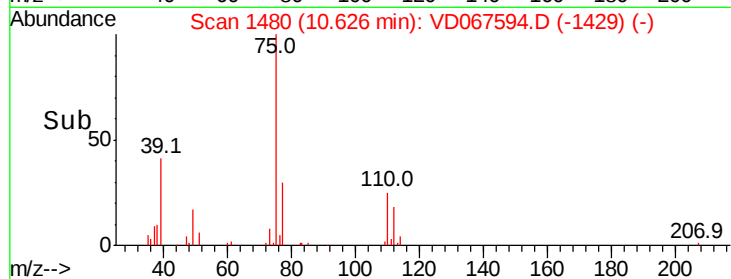
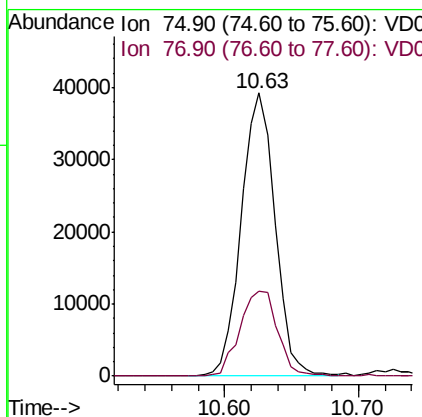
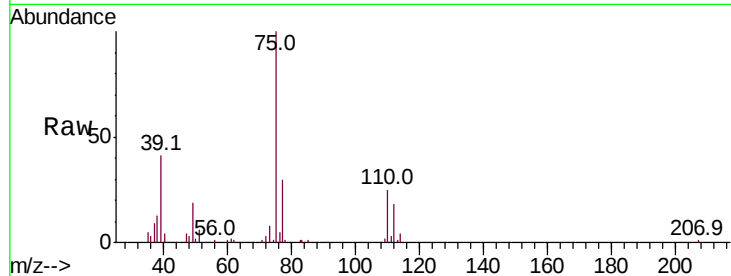




#53
t-1,3-Dichloropropene
Concen: 21.171 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

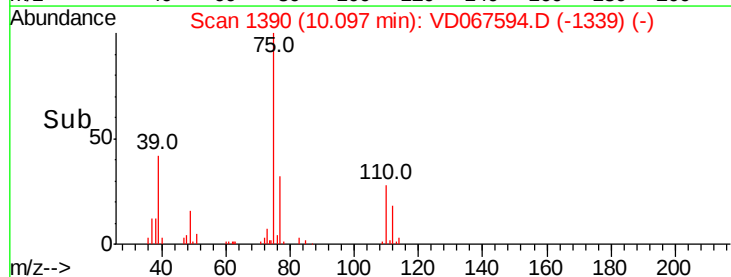
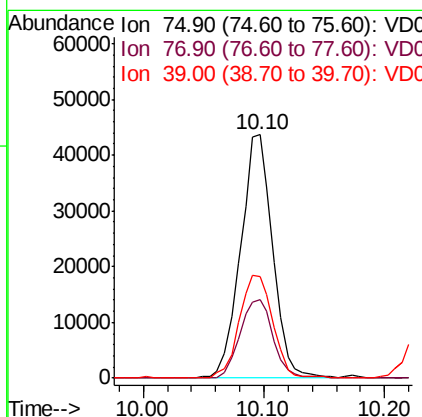
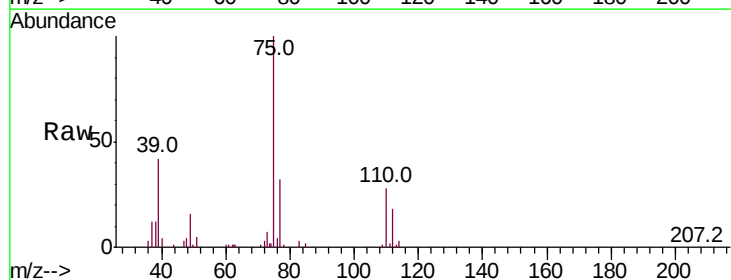
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

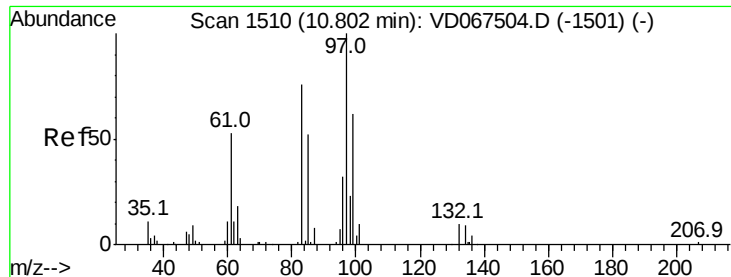
Tot Ion: 75 Resp: 68671
Ion Ratio Lower Upper
75 100
77 30.0 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 21.073 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 75 Resp: 81208
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6
39 41.7 35.6 53.4

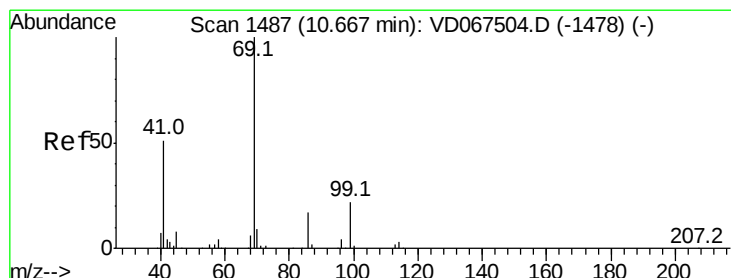
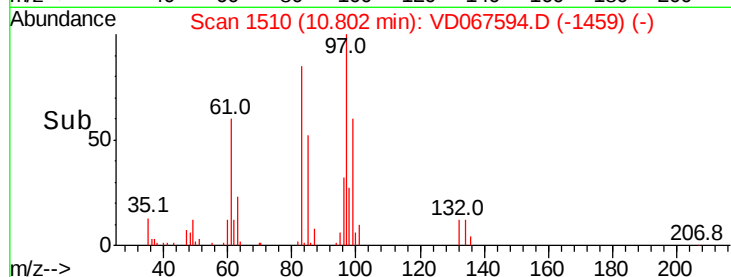
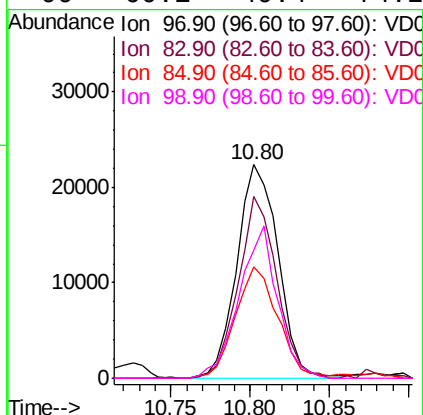
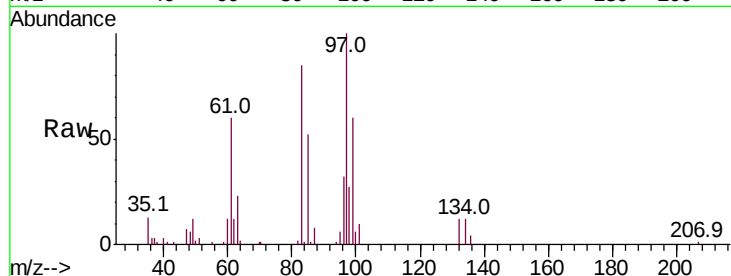




#55
 1,1,2-Trichloroethane
 Concen: 21.941 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

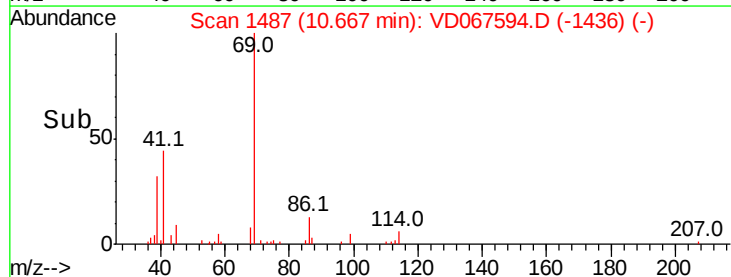
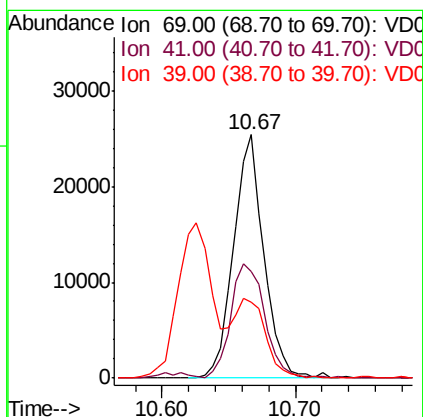
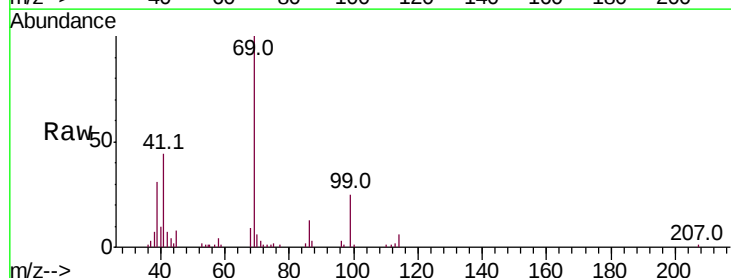
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

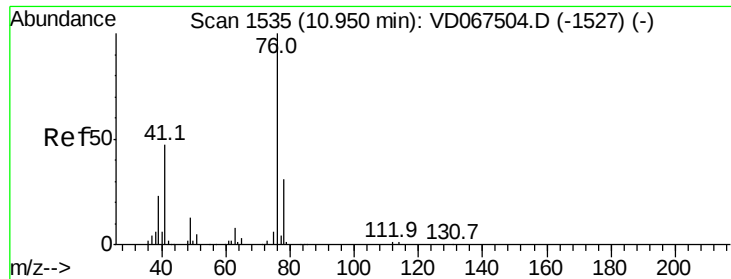
Tot Ion:	97	Resp:	40450
Ion	Ratio	Lower	Upper
97	100		
83	85.2	61.0	91.6
85	52.0	41.5	62.3
99	60.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 21.103 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion:	69	Resp:	40177
Ion	Ratio	Lower	Upper
69	100		
41	52.8	45.4	68.0
39	32.7	27.4	41.0

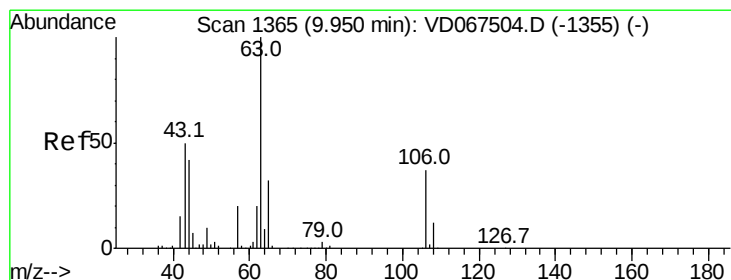
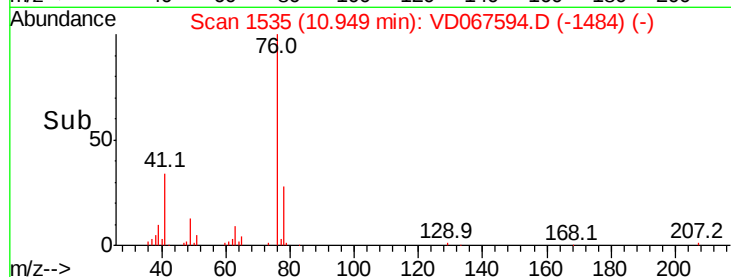
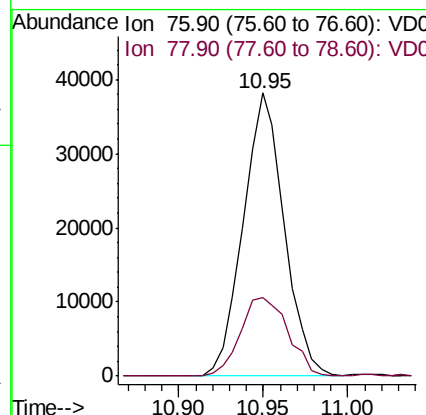
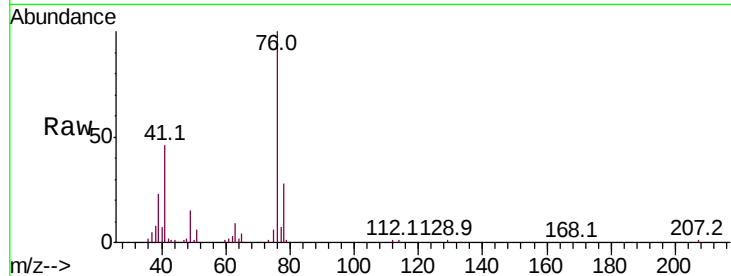




#57
 1,3-Dichloropropane
 Concen: 21.715 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

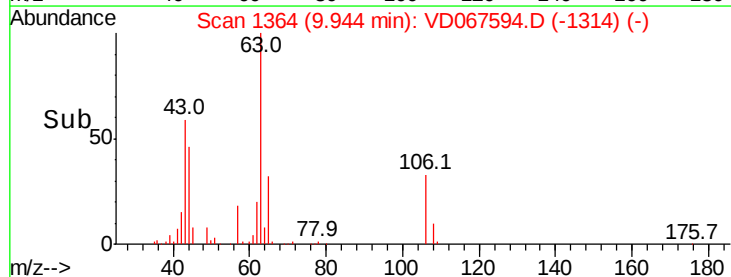
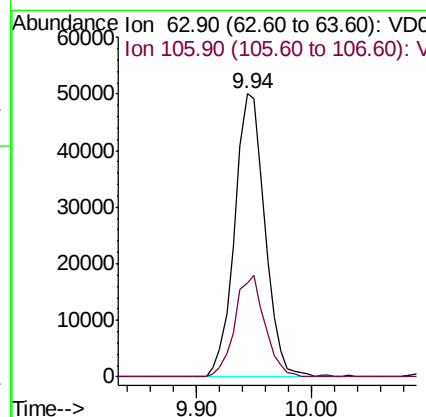
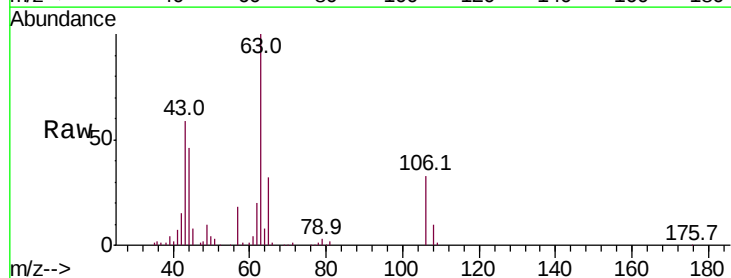
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

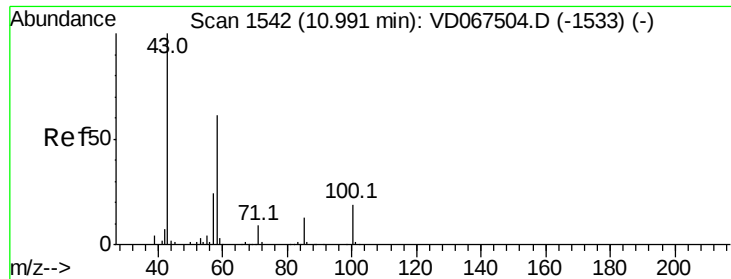
Tot Ion: 76 Resp: 64422
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.228 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion: 63 Resp: 90759
 Ion Ratio Lower Upper
 63 100
 106 35.6 29.2 43.8

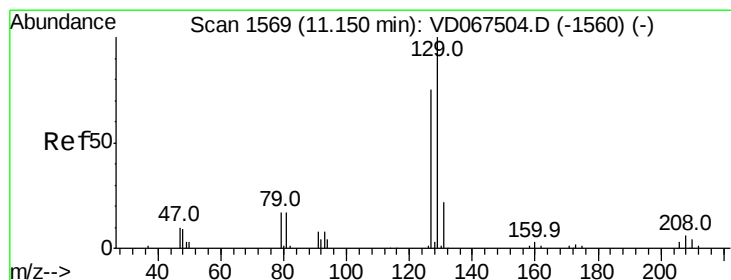
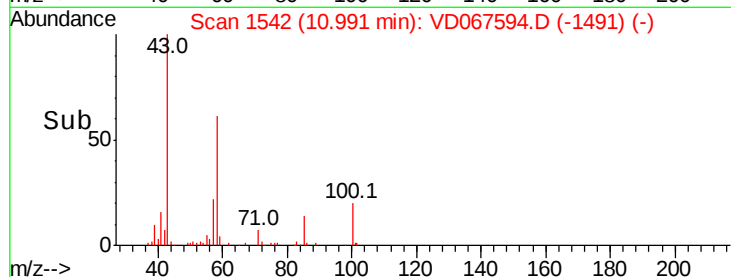
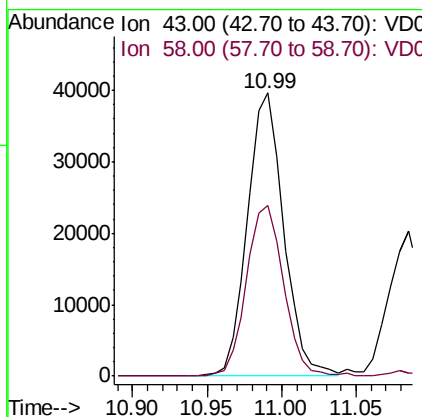
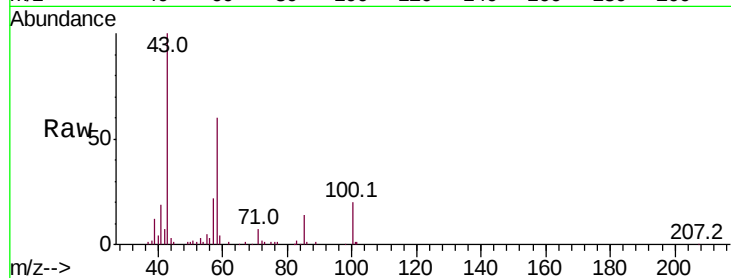




#59
2-Hexanone
Concen: 103.818 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

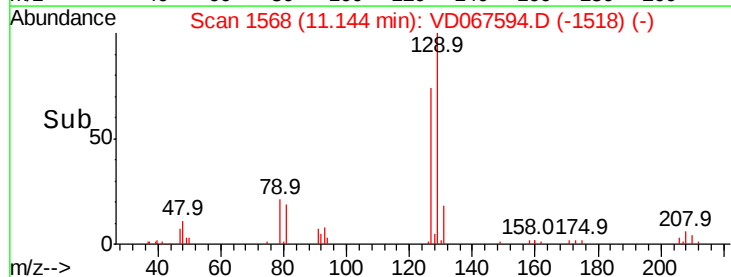
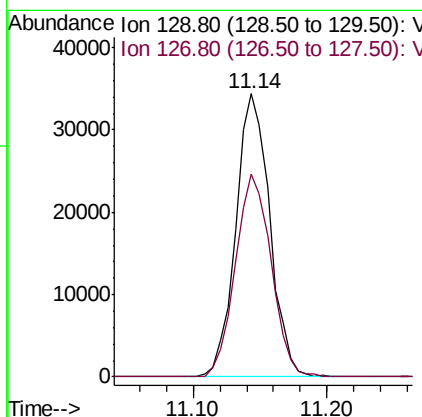
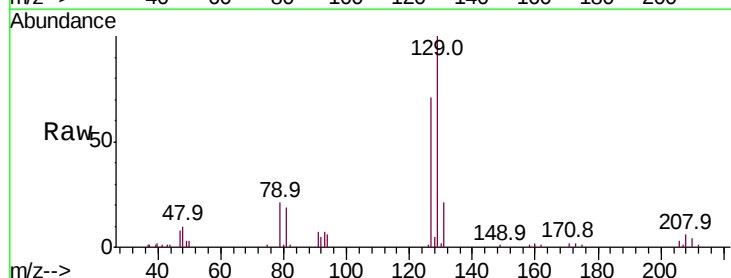
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

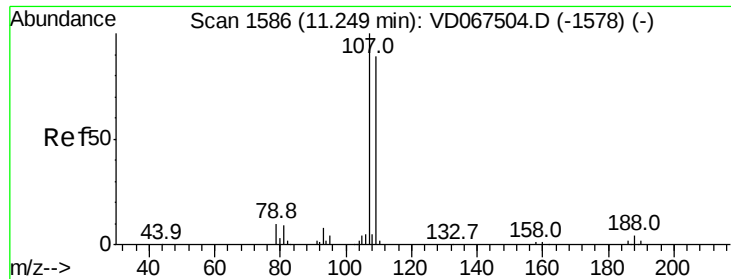
Tot Ion: 43 Resp: 66698
Ion Ratio Lower Upper
43 100
58 61.6 30.3 90.9



#60
Dibromochloromethane
Concen: 22.164 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 129 Resp: 60446
Ion Ratio Lower Upper
129 100
127 75.5 38.0 114.1

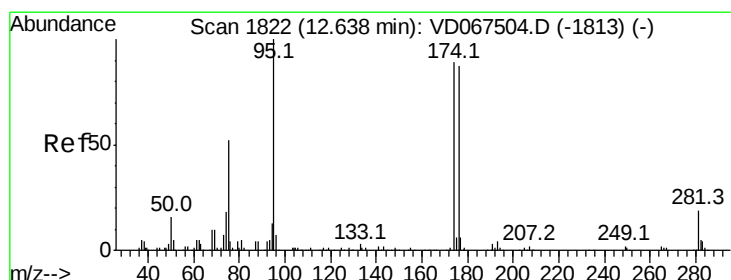
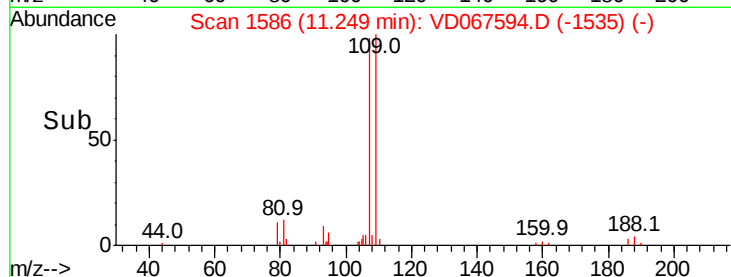
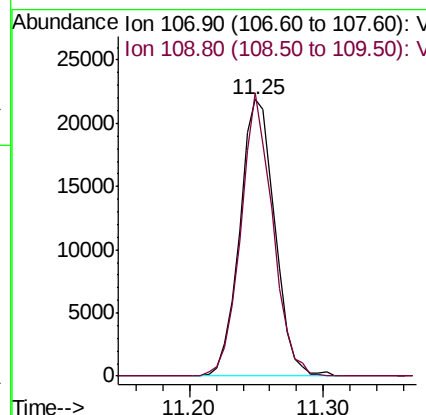
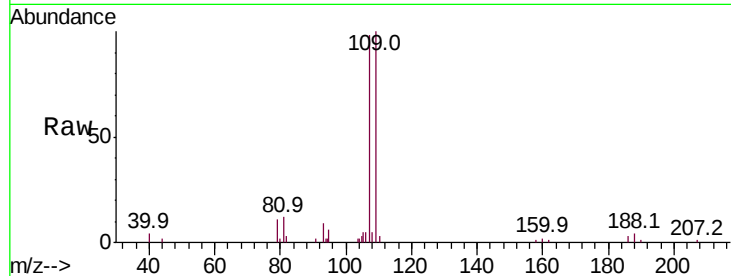




#61
 1,2-Dibromoethane
 Concen: 21.406 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

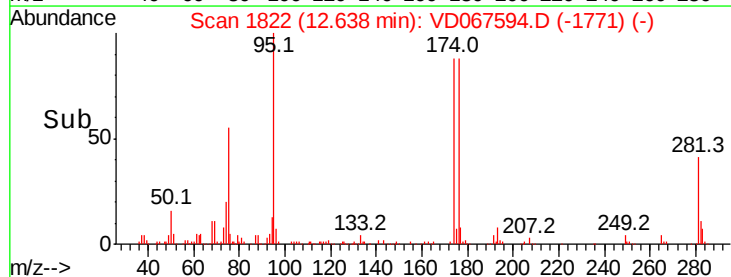
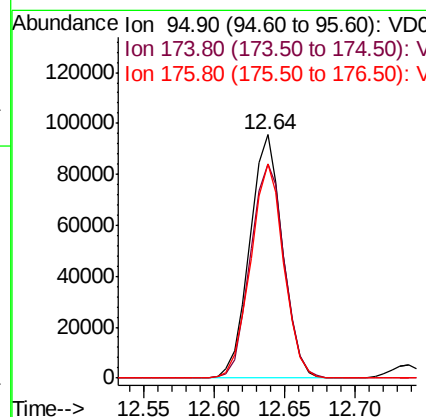
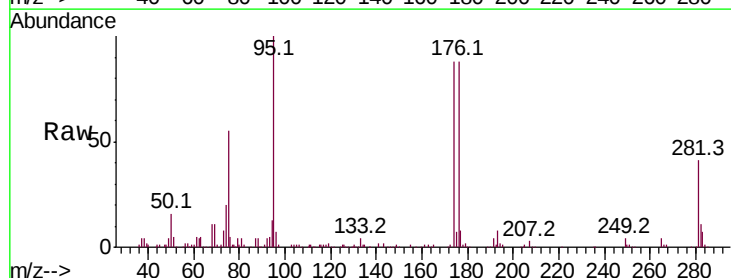
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

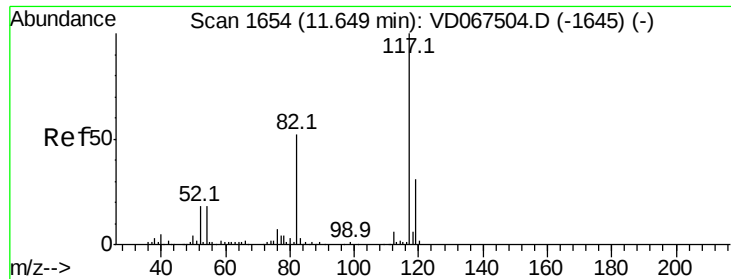
Tot Ion:107 Resp: 39607
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.951 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion: 95 Resp: 156421
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 177.8
 176 88.5 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: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

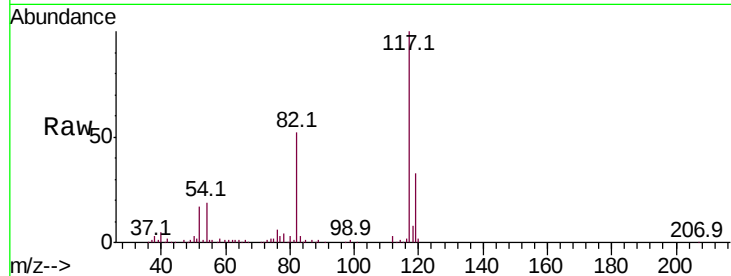
Tot Ion:117 Resp: 389775

Ion Ratio Lower Upper

117 100

82 52.3 41.6 62.4

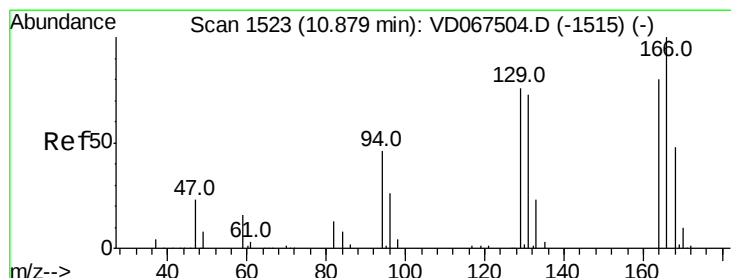
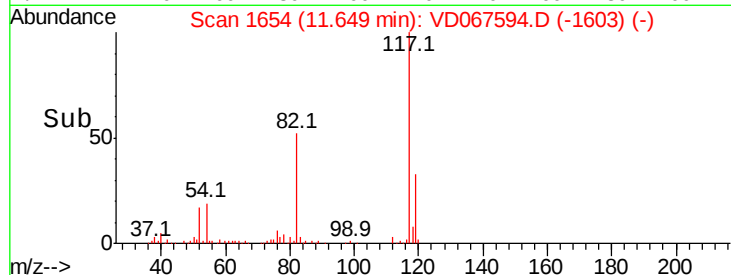
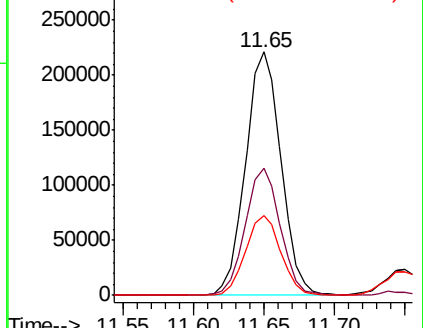
119 32.8 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.706 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Tgt Ion:164 Resp: 62659

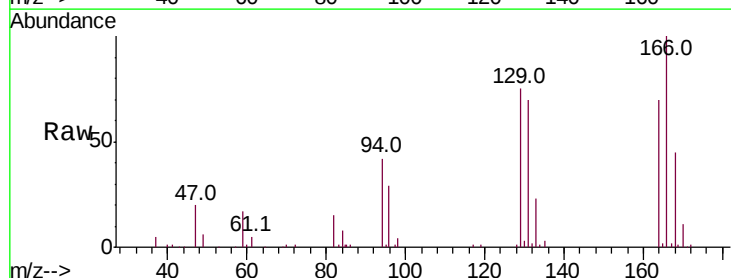
Ion Ratio Lower Upper

164 100

166 143.2 99.9 149.9

129 107.4 75.5 113.3

131 100.6 73.4 110.0

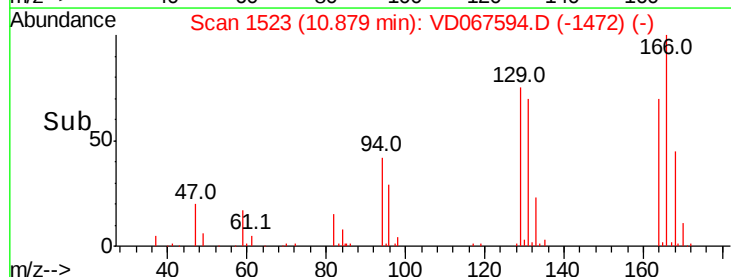
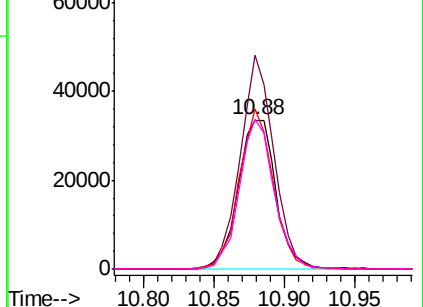


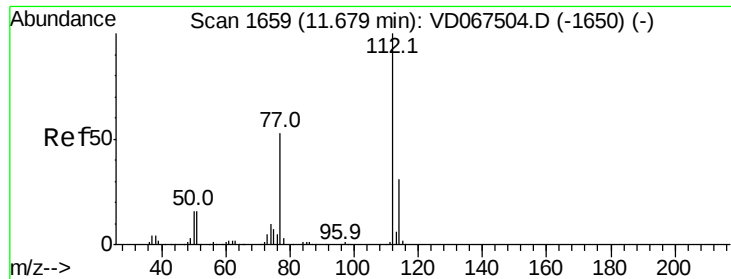
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

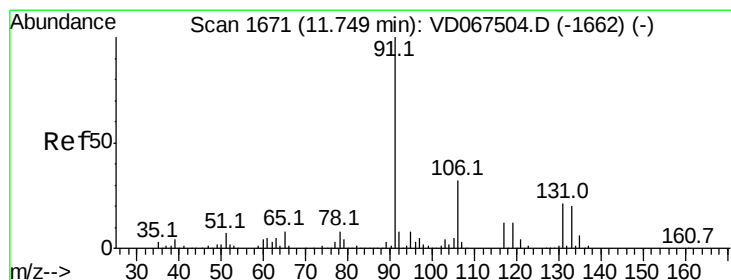
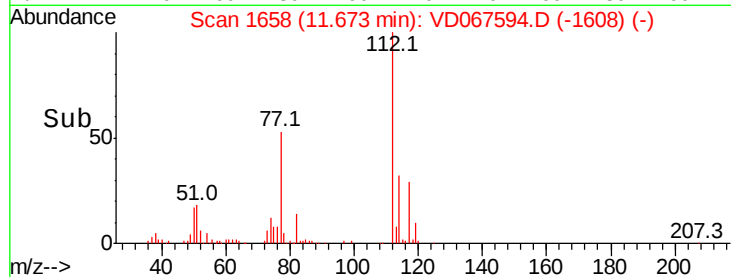
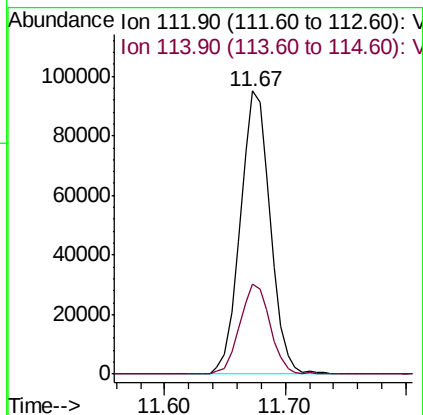
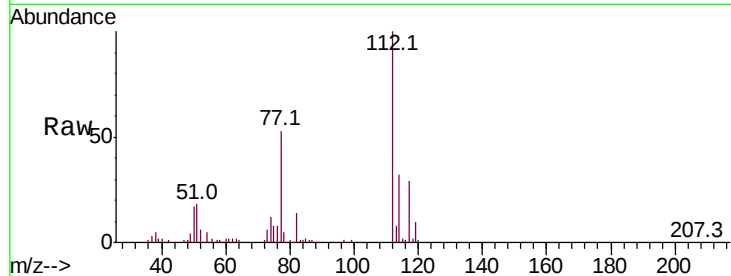




#65
Chlorobenzene
Concen: 21.901 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

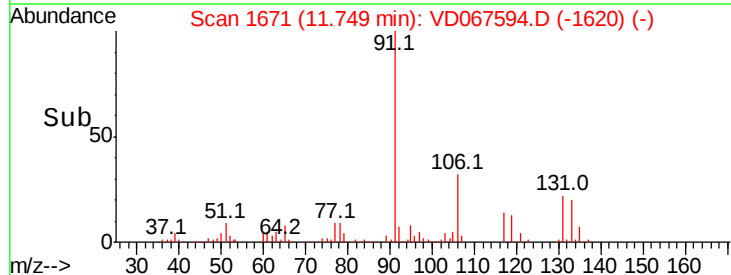
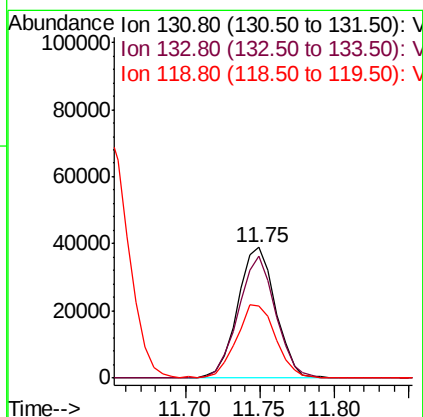
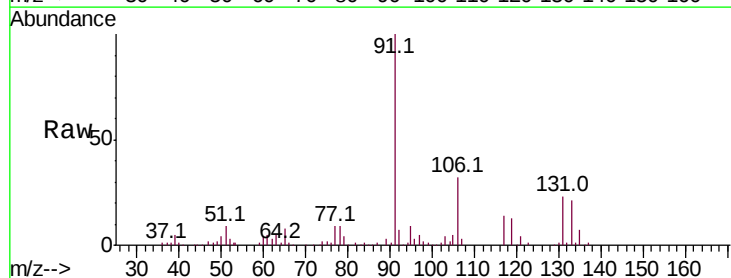
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

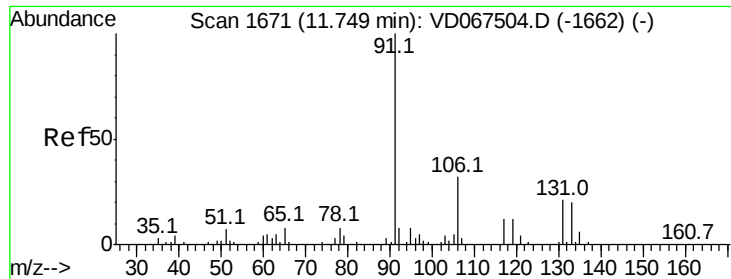
Tot Ion:112 Resp: 164436
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.039 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion:131 Resp: 68177
Ion Ratio Lower Upper
131 100
133 92.5 48.0 144.0
119 58.5 30.1 90.5





#67

Ethyl Benzene

Concen: 22.011 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

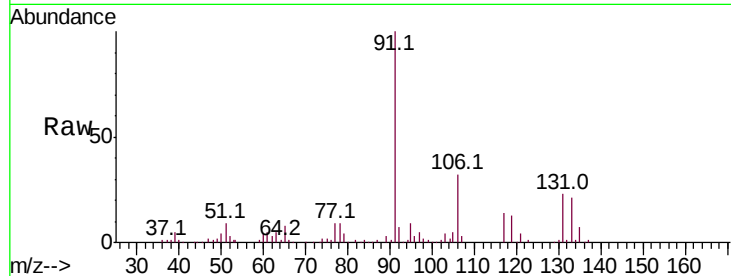
VD1111SBSD01

Tot Ion: 91 Resp: 282794

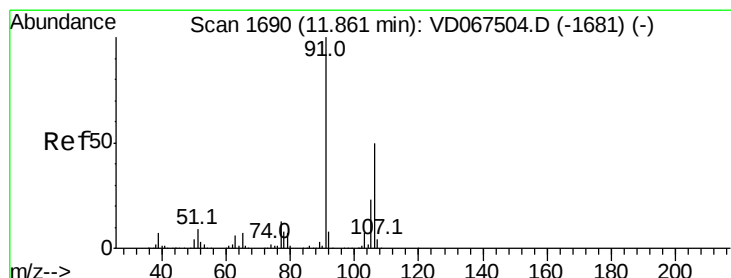
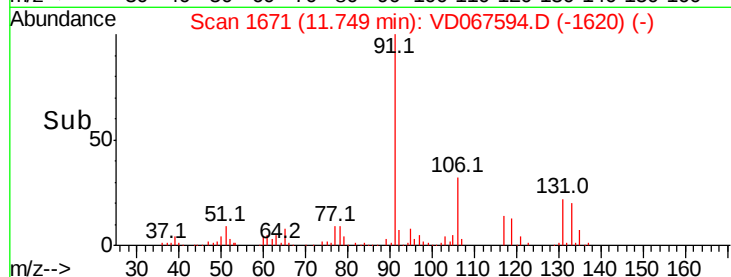
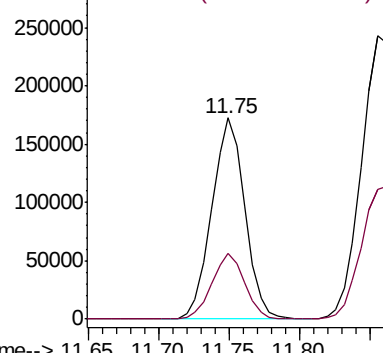
Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 43.863 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD067594.D

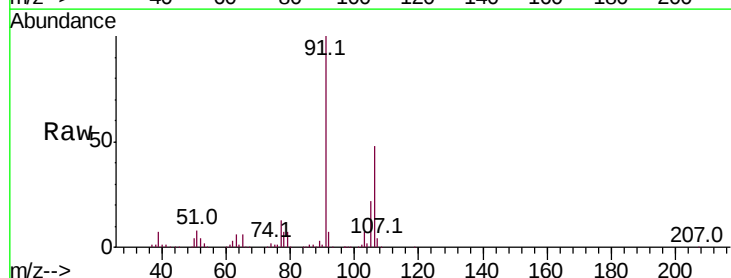
Acq: 11 Nov 2020 11:30

Tgt Ion:106 Resp: 219243

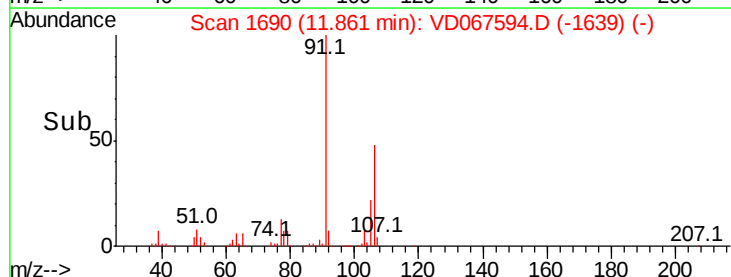
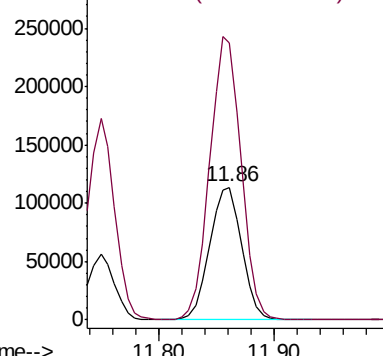
Ion Ratio Lower Upper

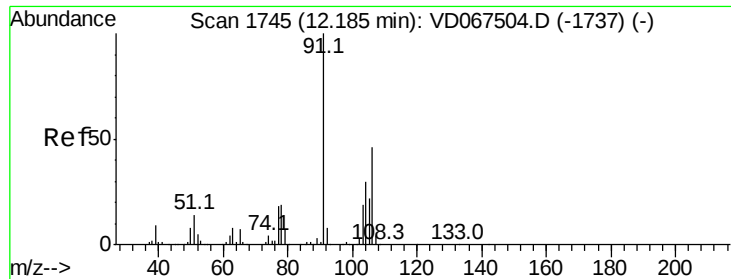
106 100

91 208.3 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

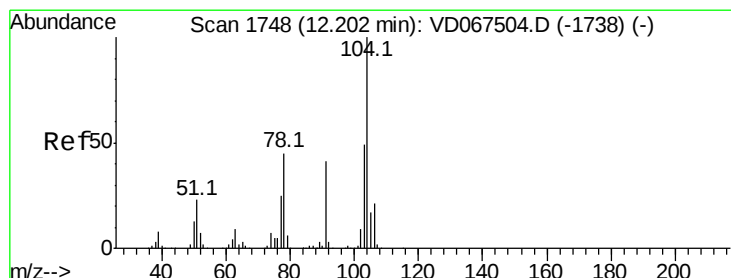
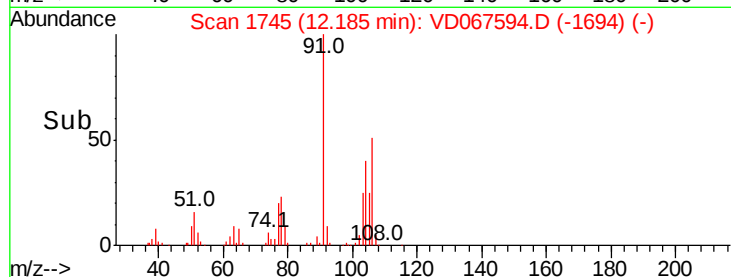
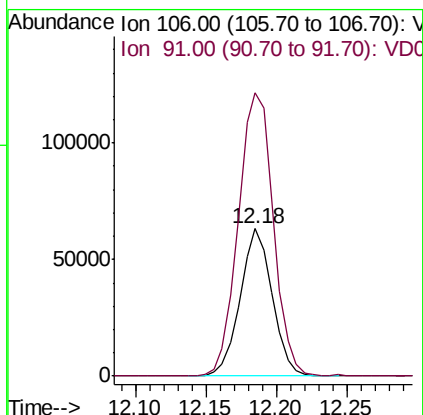
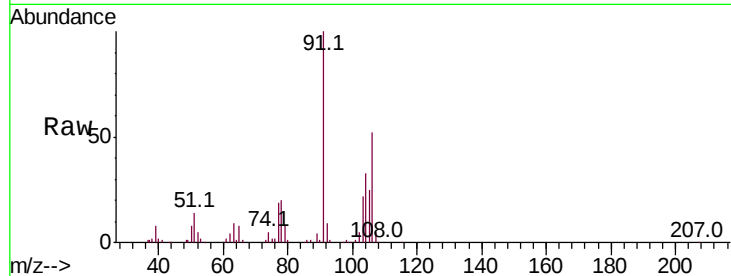




#69
o-Xylene
Concen: 22.591 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

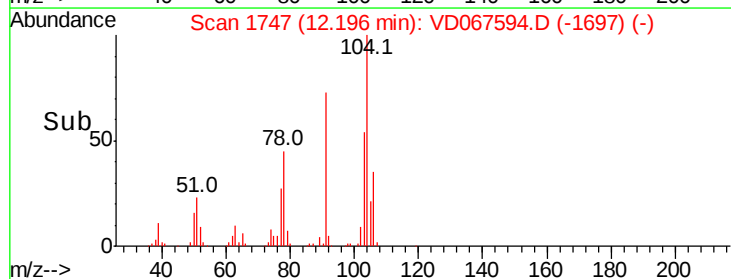
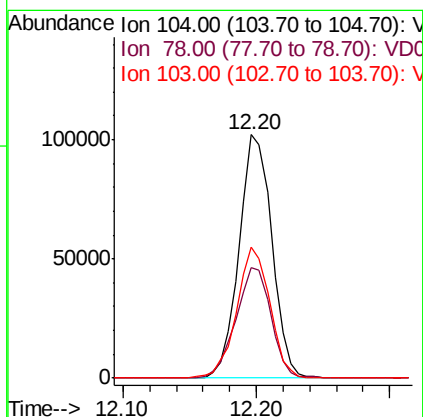
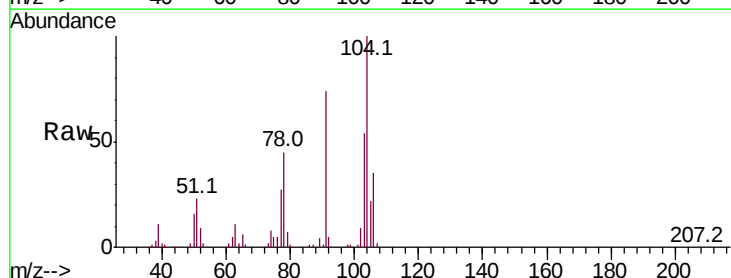
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

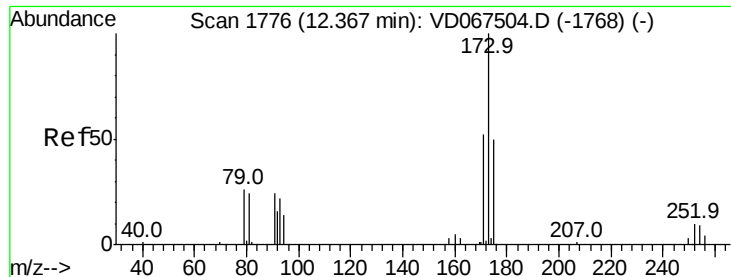
Tot Ion:106 Resp: 100818
Ion Ratio Lower Upper
106 100
91 209.6 107.1 321.1



#70
Styrene
Concen: 22.371 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion:104 Resp: 173963
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.8
103 54.4 43.9 65.9

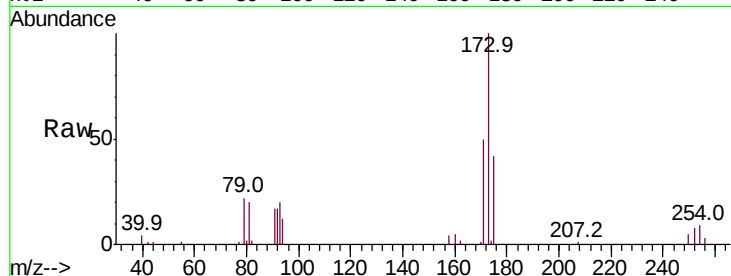




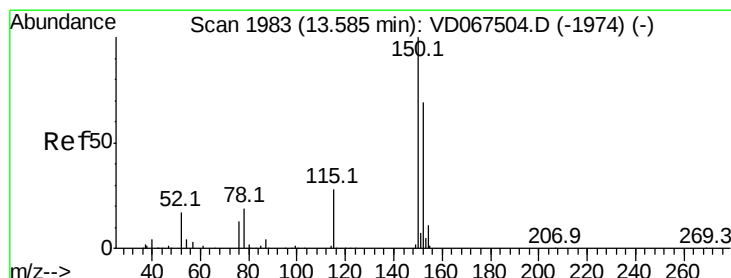
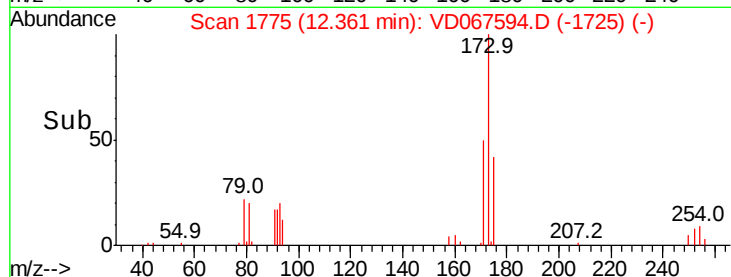
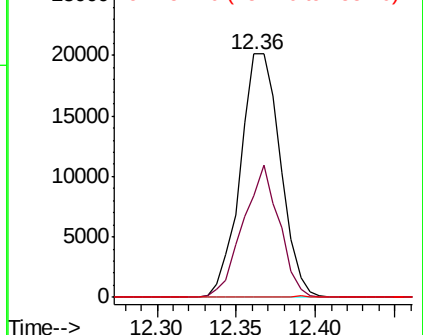
#71
Bromoform
Concen: 23.443 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tot Ion:173 Resp: 35380
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.0 0.0

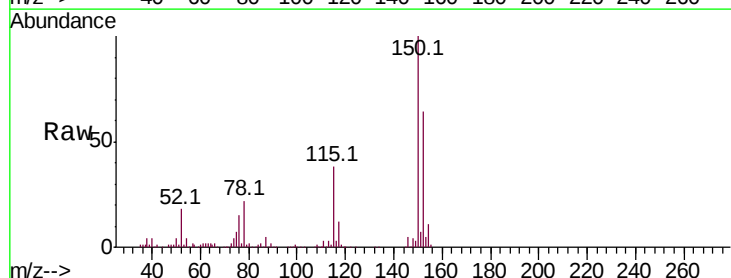


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

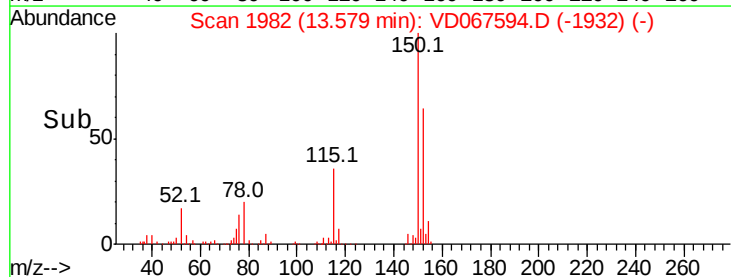
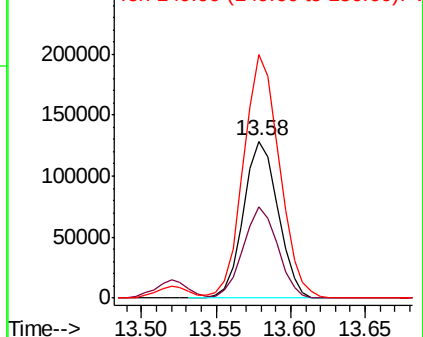


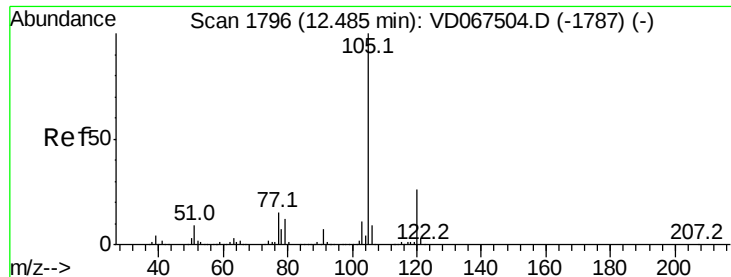
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion:152 Resp: 206237
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 161.4 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: 21.492 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

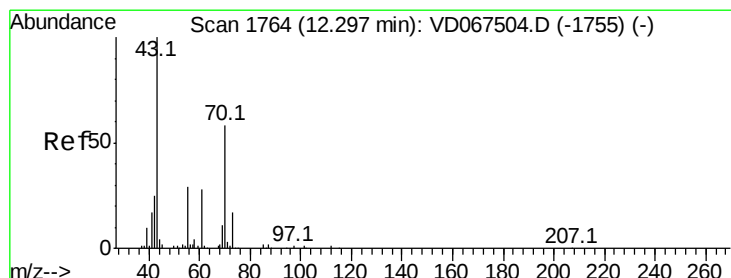
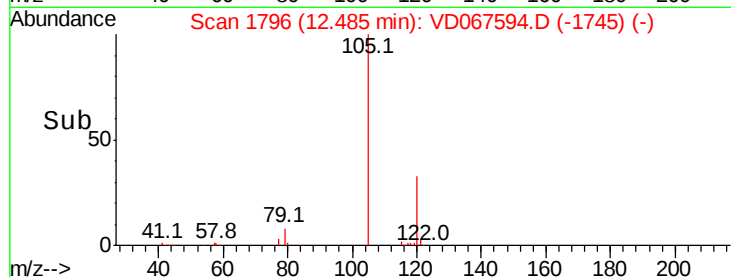
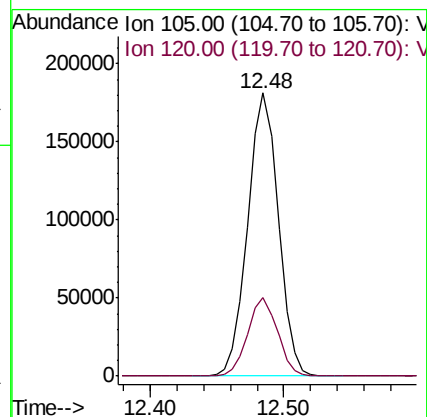
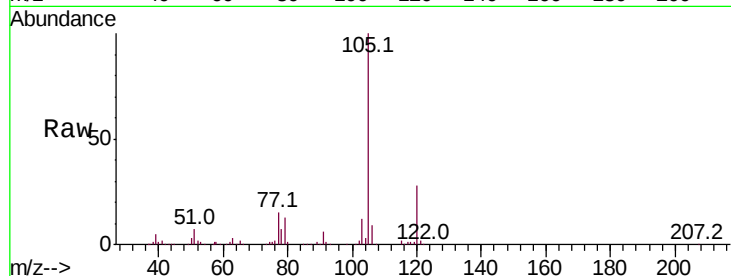
VD1111SBSD01

Tot Ion:105 Resp: 286457

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 20.294 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Tgt Ion: 43 Resp: 35592

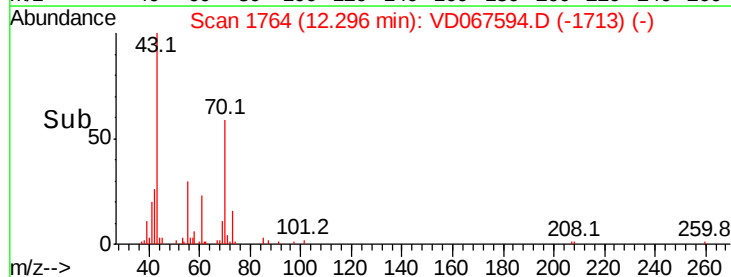
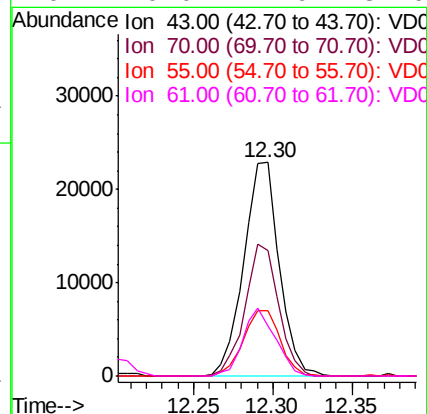
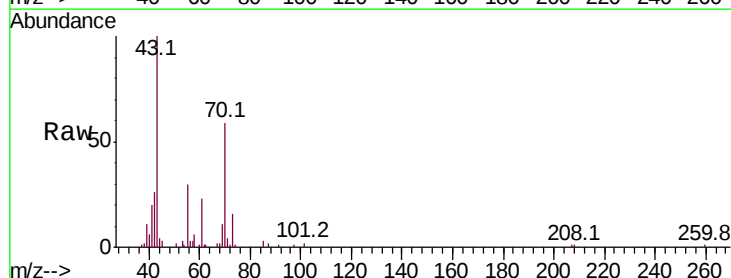
Ion Ratio Lower Upper

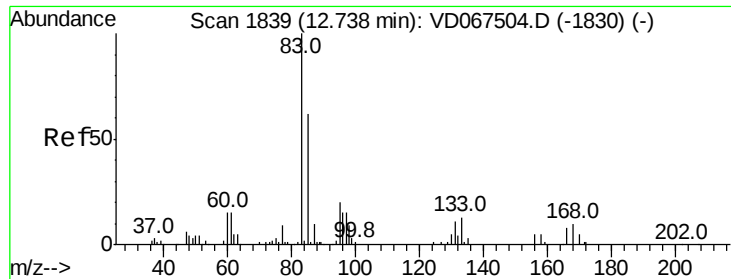
43 100

70 58.4 42.6 64.0

55 32.1 23.7 35.5

61 29.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.042 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

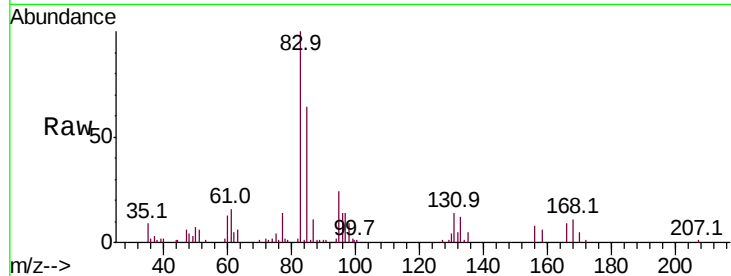
Tot Ion: 83 Resp: 38245

Ion Ratio Lower Upper

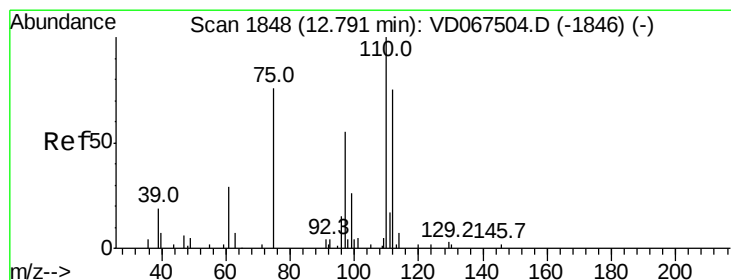
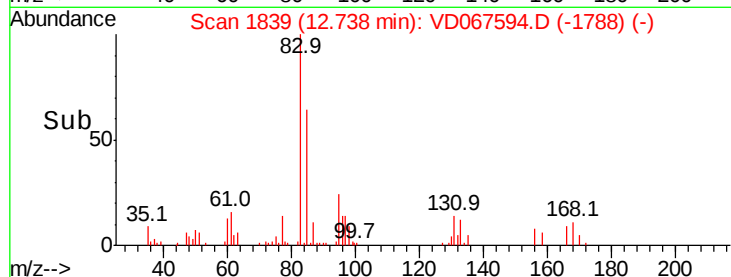
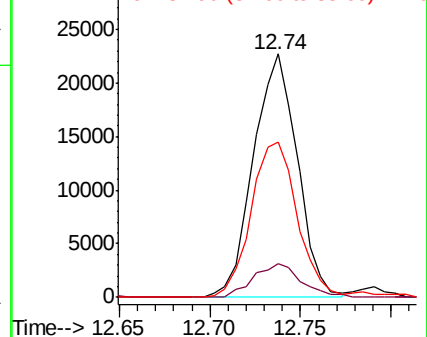
83 100

131 14.9 7.1 21.3

85 68.5 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



#76

1,2,3-Trichloropropane

Concen: 44.977 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD067594.D

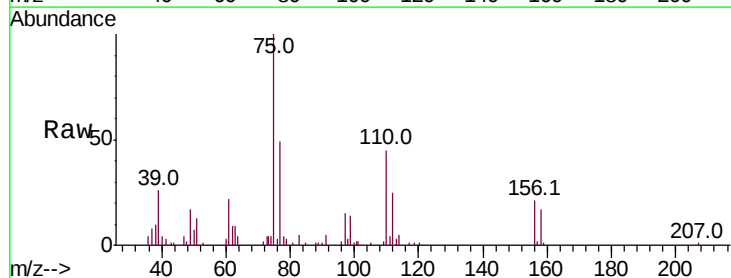
Acq: 11 Nov 2020 11:30

Tgt Ion: 75 Resp: 55958

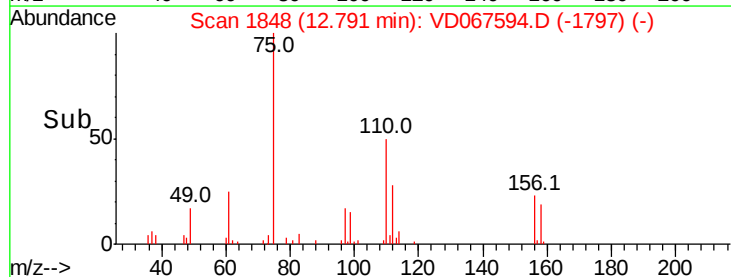
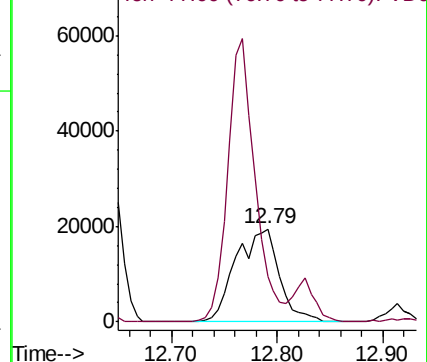
Ion Ratio Lower Upper

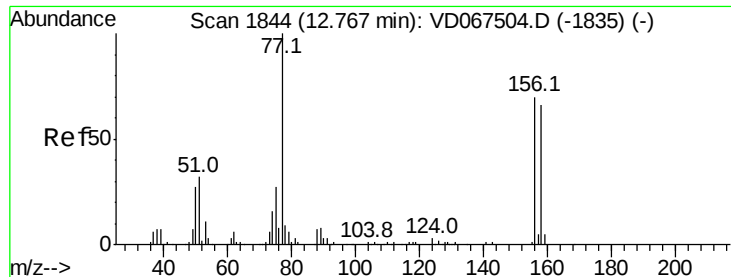
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.121 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

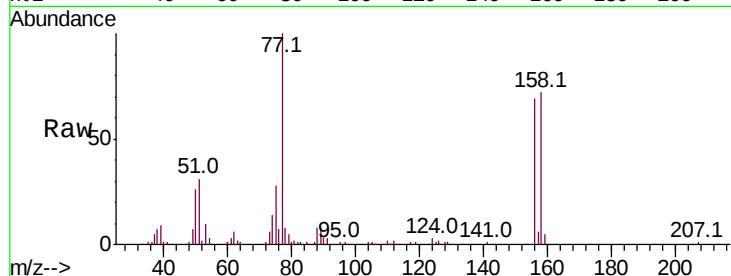
Tot Ion:156 Resp: 72410

Ion Ratio Lower Upper

156 100

77 147.5 77.8 233.5

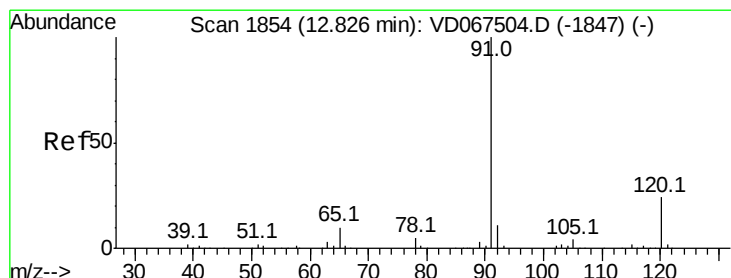
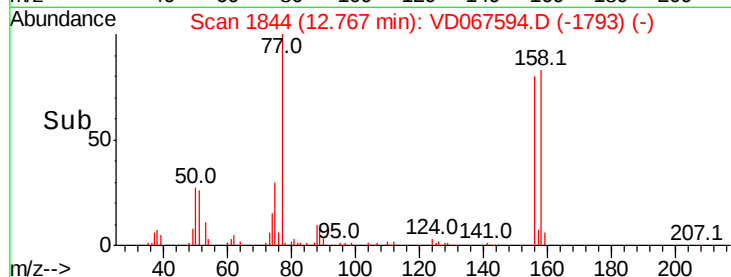
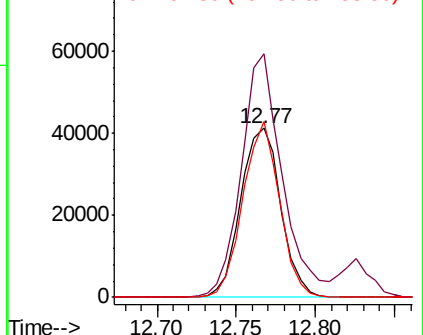
158 95.0 47.9 143.7



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: 22.153 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067594.D

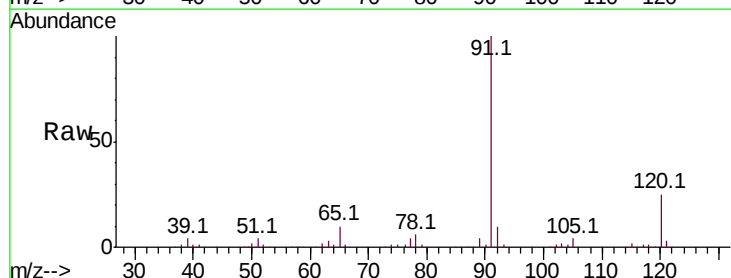
Acq: 11 Nov 2020 11:30

Tgt Ion: 91 Resp: 337736

Ion Ratio Lower Upper

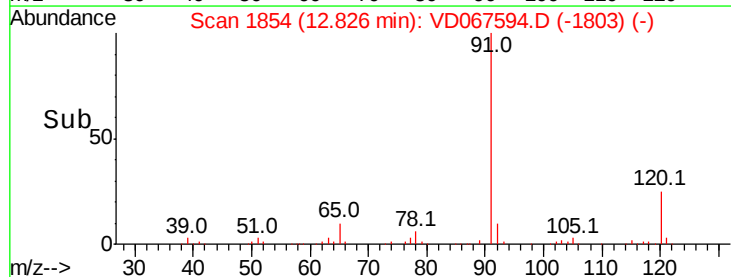
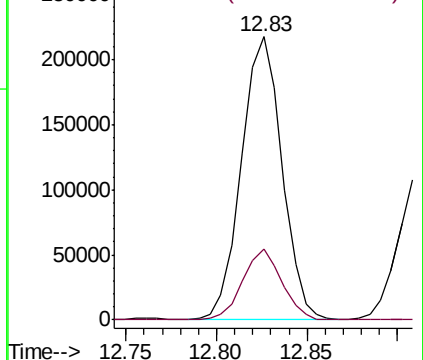
91 100

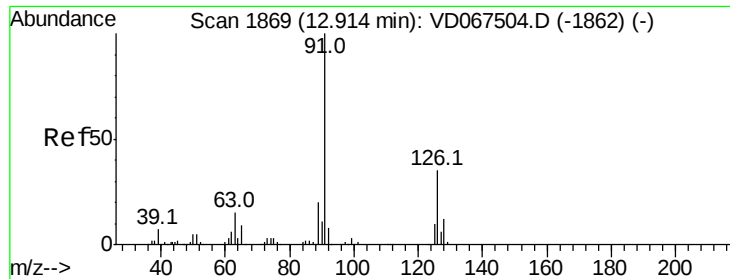
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.959 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

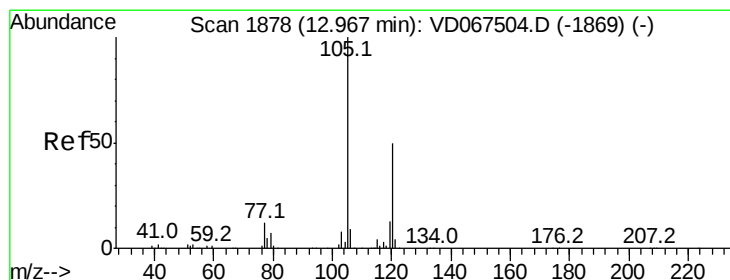
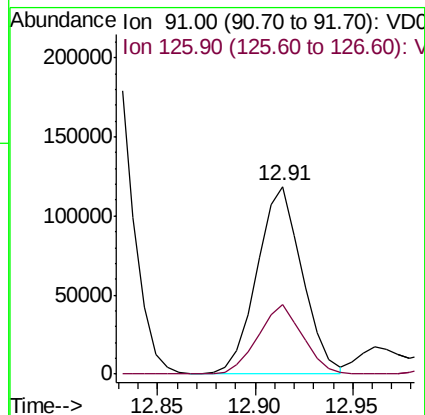
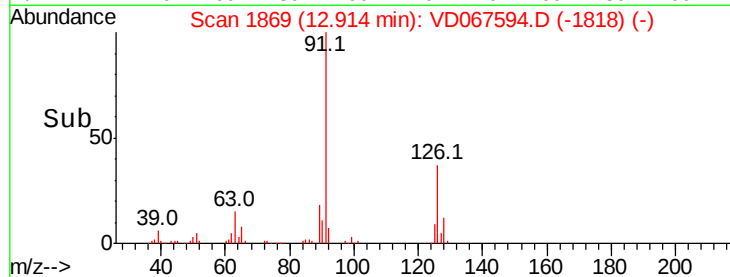
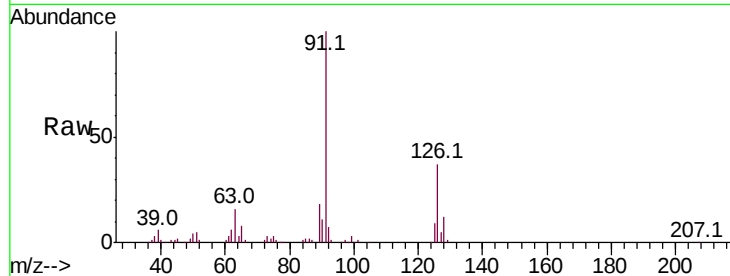
VD1111SBSD01

Tot Ion: 91 Resp: 190169

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 22.148 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067594.D

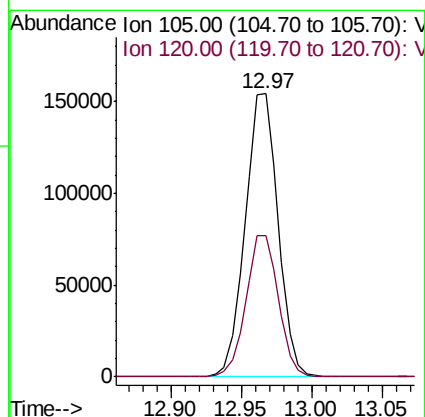
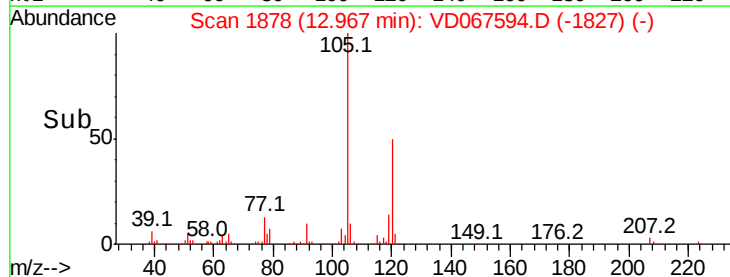
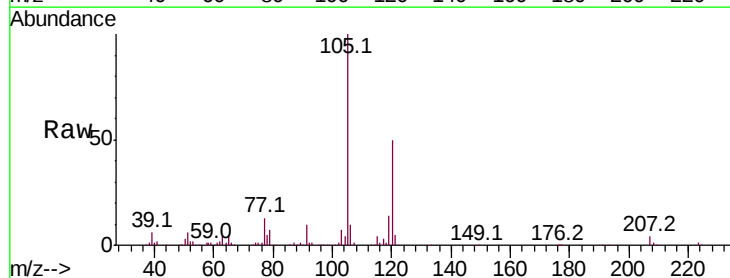
Acq: 11 Nov 2020 11:30

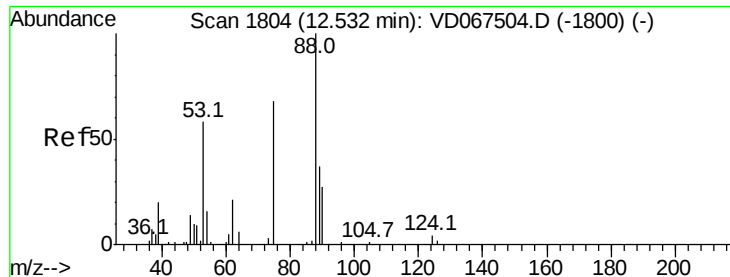
Tgt Ion:105 Resp: 252180

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.431 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

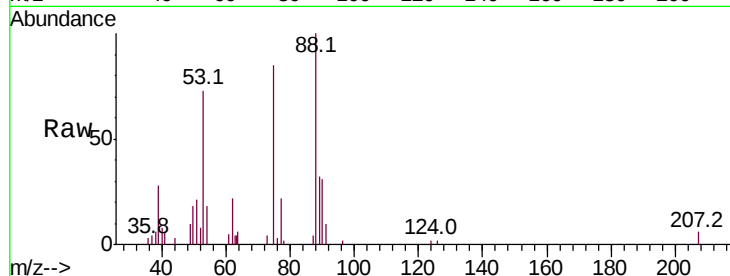
Tot Ion: 75 Resp: 13133

Ion Ratio Lower Upper

75 100

53 91.1 75.9 113.9

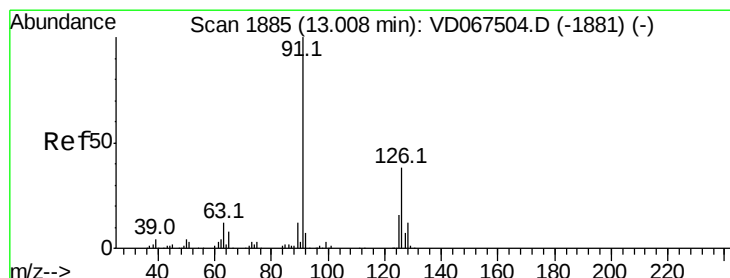
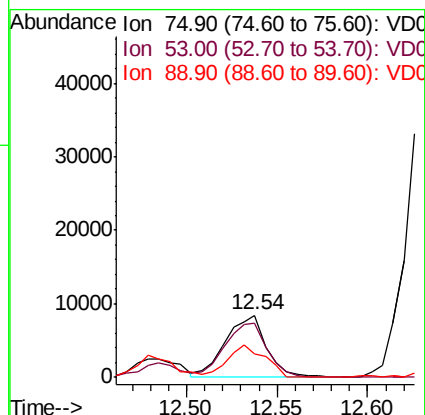
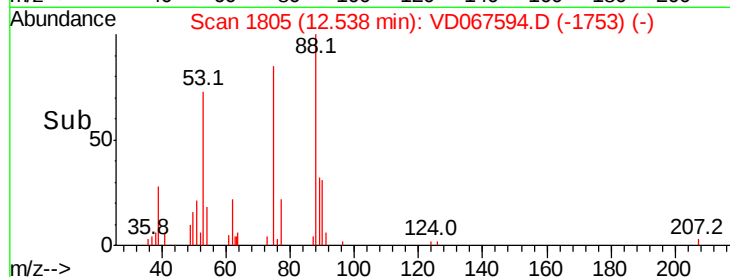
89 48.0 44.6 67.0



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: 22.250 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067594.D

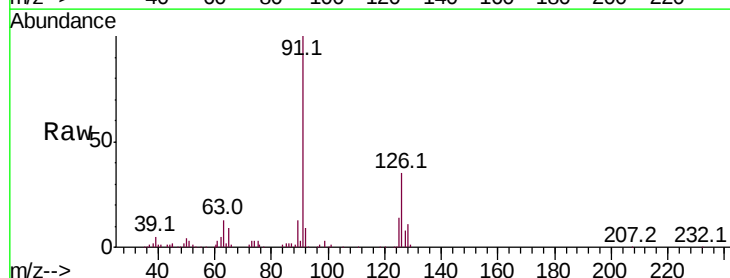
Acq: 11 Nov 2020 11:30

Tgt Ion: 91 Resp: 206666

Ion Ratio Lower Upper

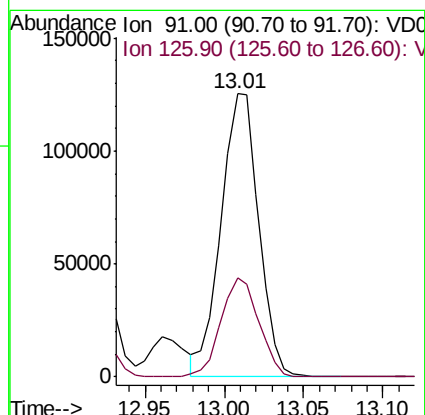
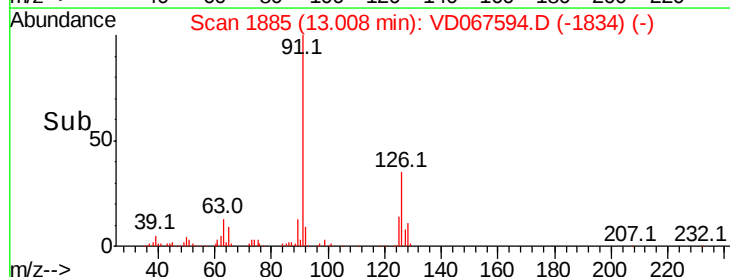
91 100

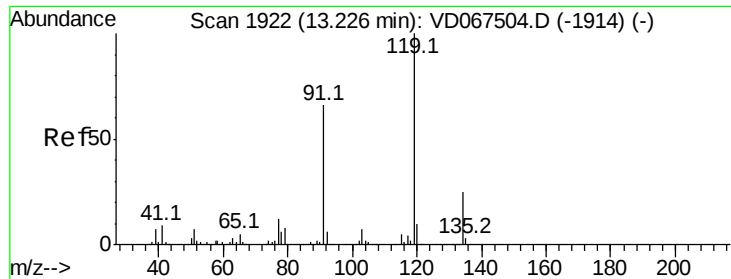
126 35.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

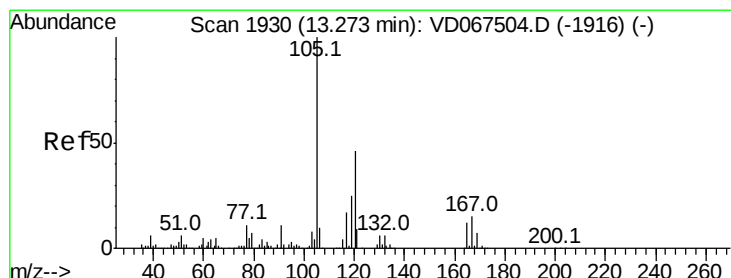
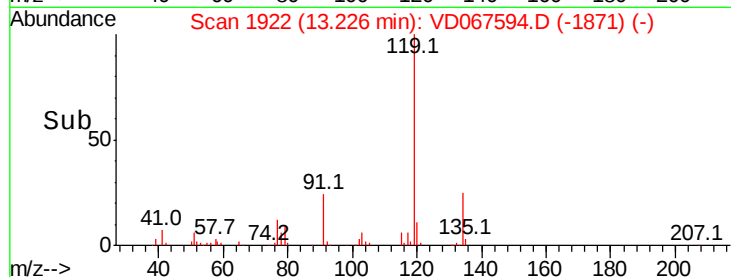
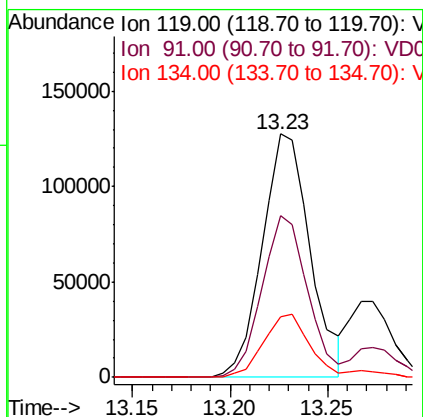
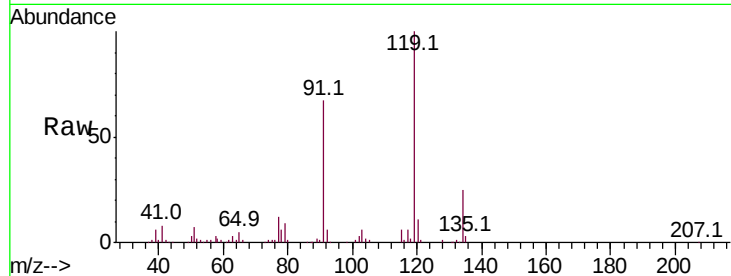




#83
tert-Butylbenzene
Concen: 22.509 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

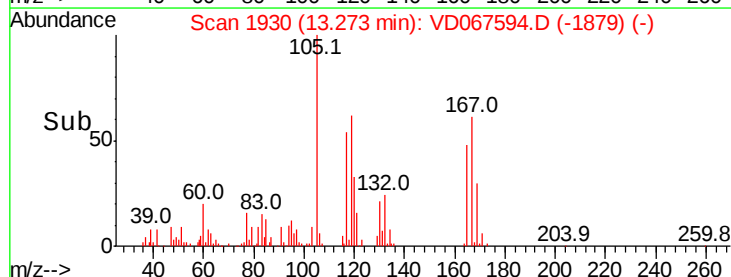
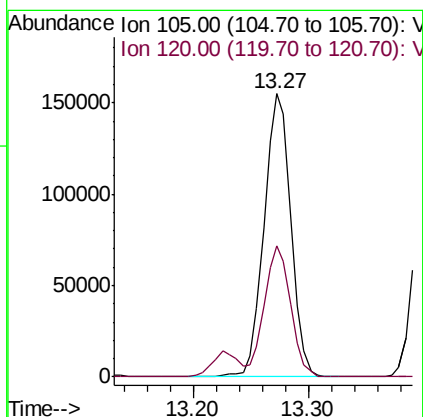
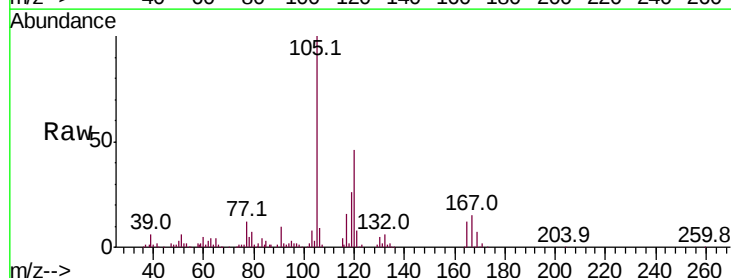
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

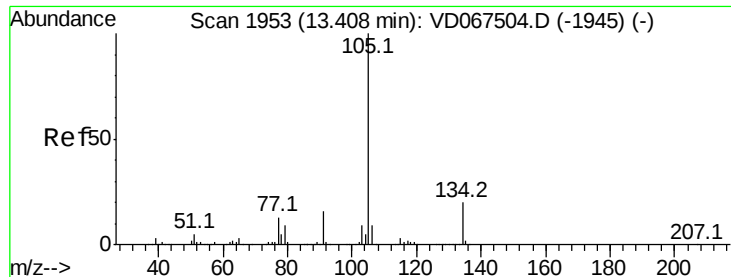
Tot Ion:119 Resp: 217203
Ion Ratio Lower Upper
119 100
91 63.0 32.7 98.1
134 25.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 22.119 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion:105 Resp: 250687
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.972 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

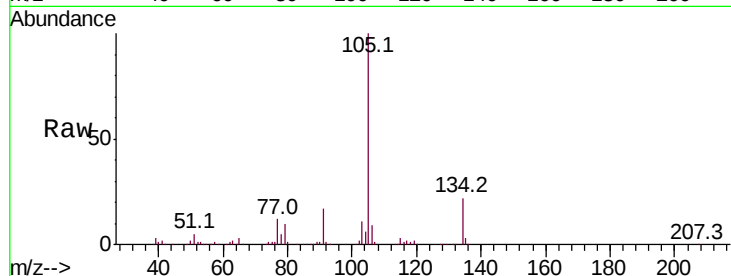
VD1111SBSD01

Tot Ion:105 Resp: 286228

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

200000

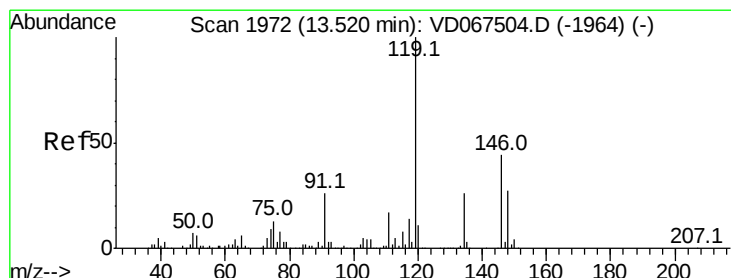
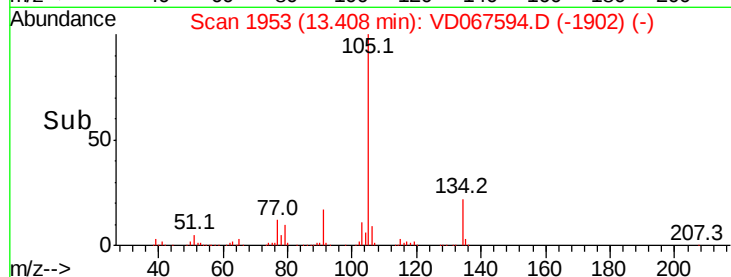
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.857 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

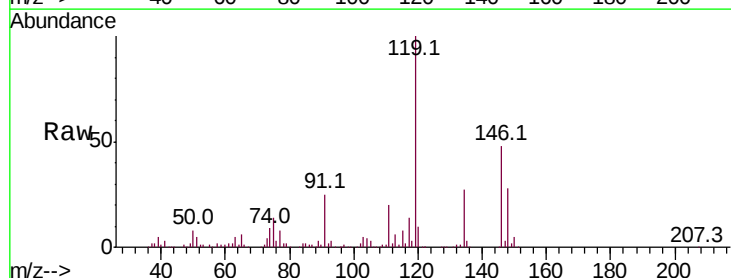
Tgt Ion:119 Resp: 274945

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 24.7 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

250000

200000

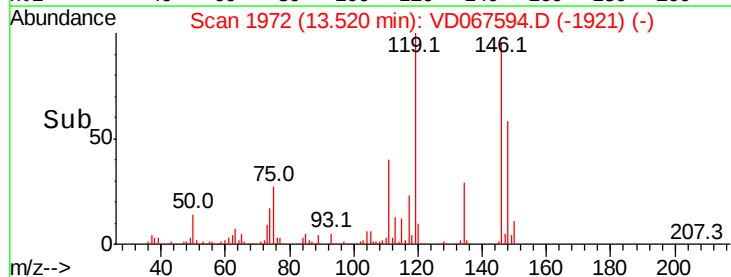
150000

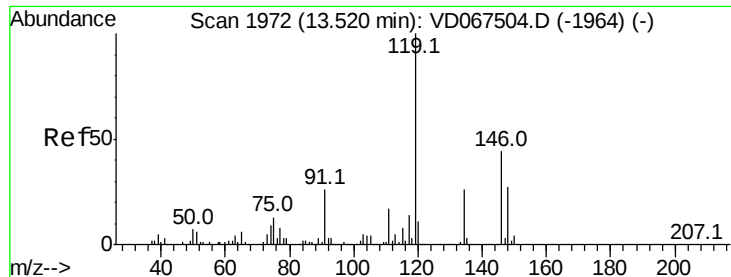
100000

50000

0

Time-->

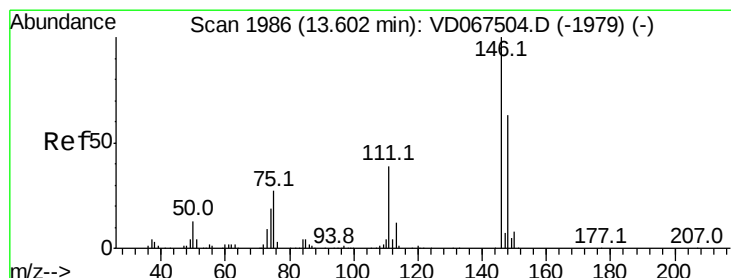
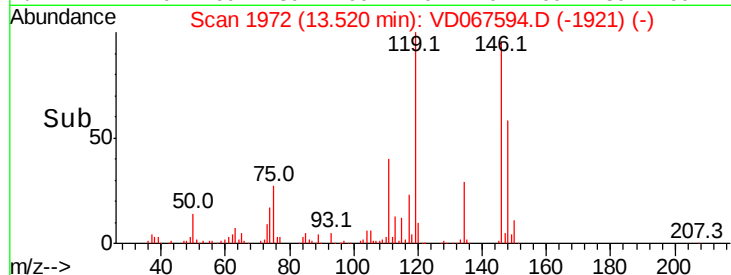
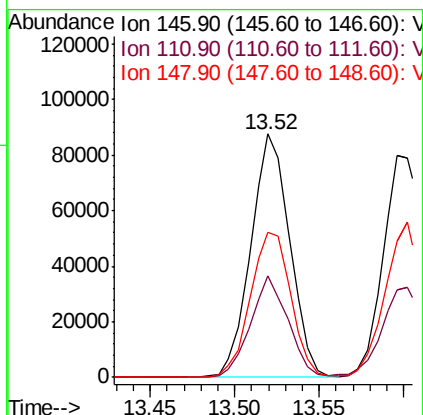
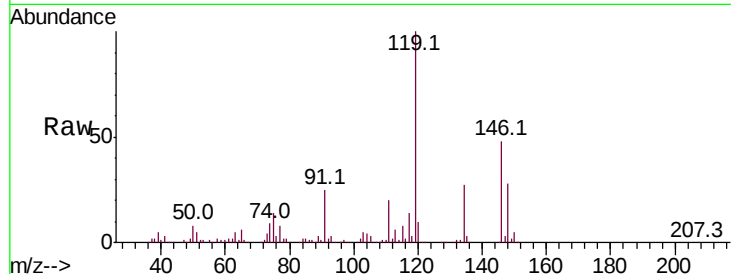




#87
 1,3-Dichlorobenzene
 Concen: 22.520 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

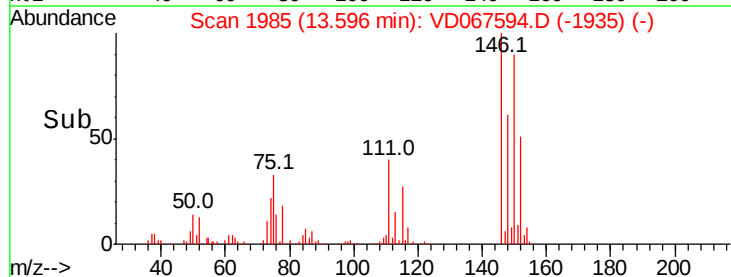
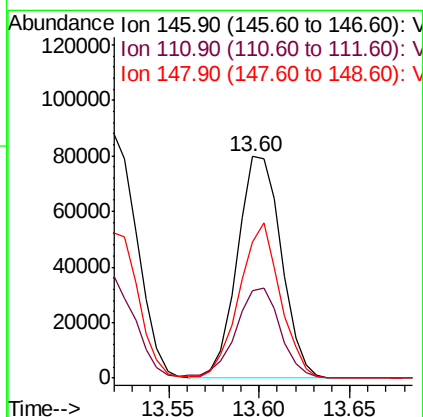
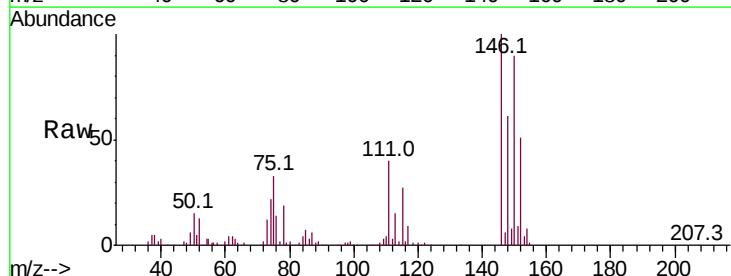
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

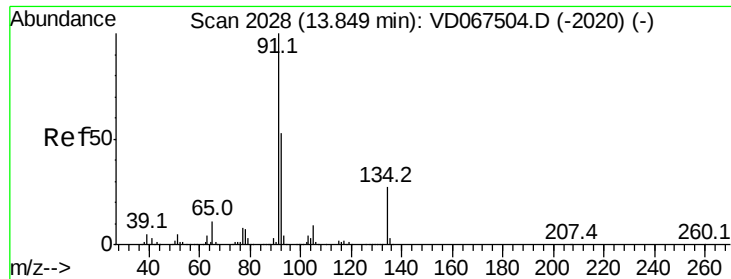
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.8
148	61.9	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.304 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.7
148	65.2	31.8	95.4

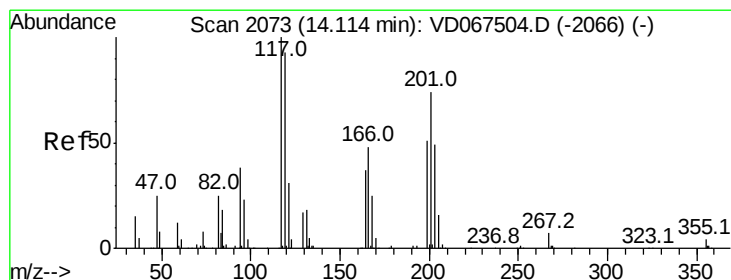
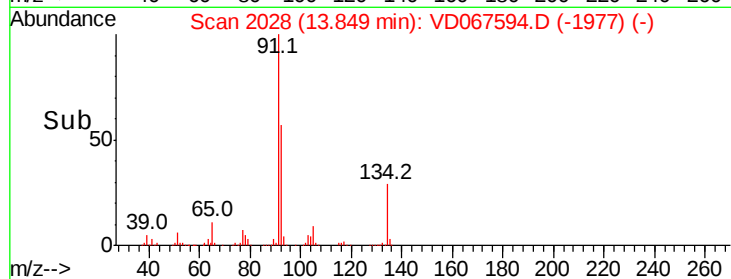
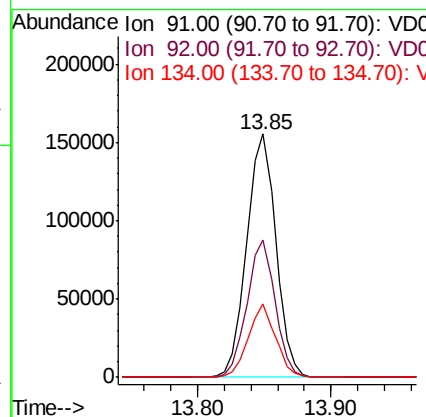
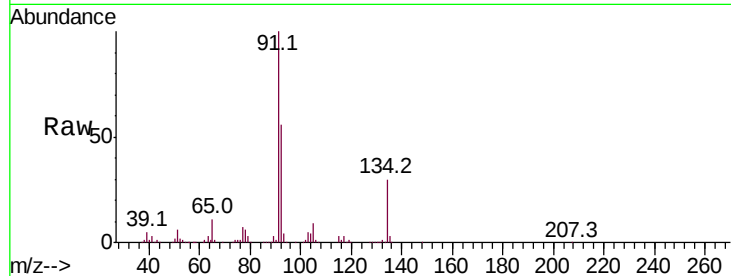




#89
n-Butylbenzene
Concen: 21.537 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

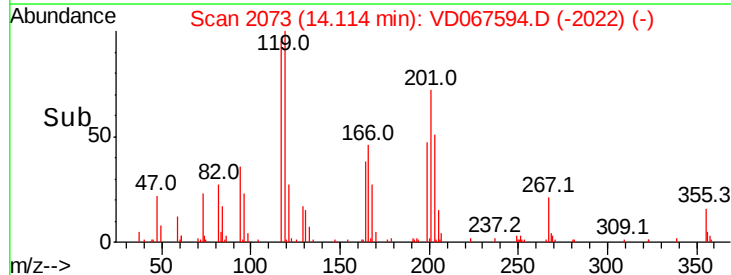
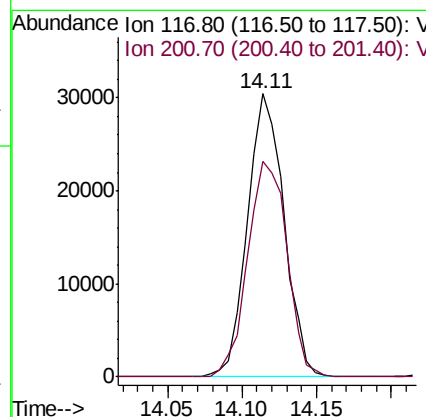
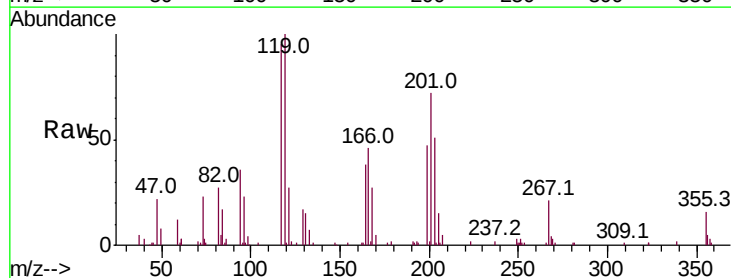
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

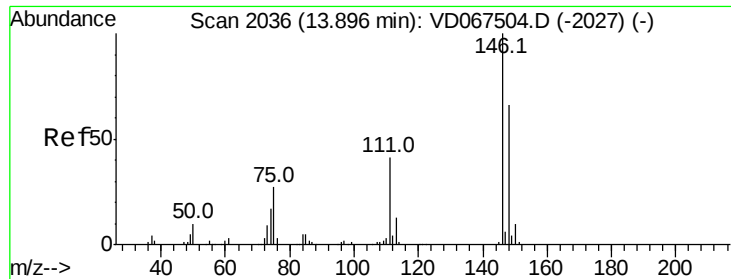
Tot Ion: 91 Resp: 234020
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 28.2 14.1 42.2



#90
Hexachloroethane
Concen: 21.766 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067594.D
Acq: 11 Nov 2020 11:30

Tgt Ion: 117 Resp: 51563
Ion Ratio Lower Upper
117 100
201 81.6 40.7 122.1

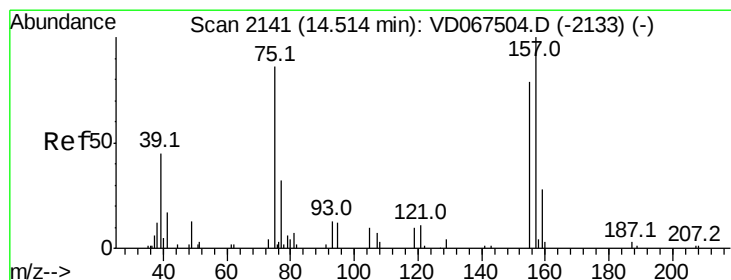
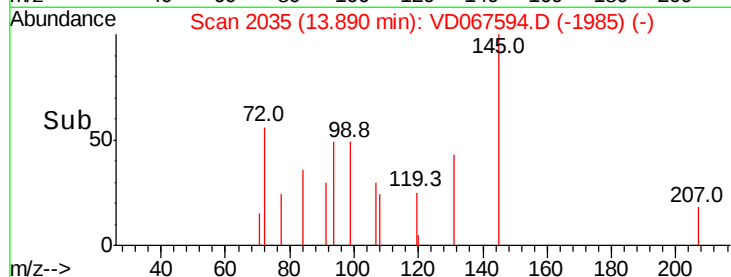
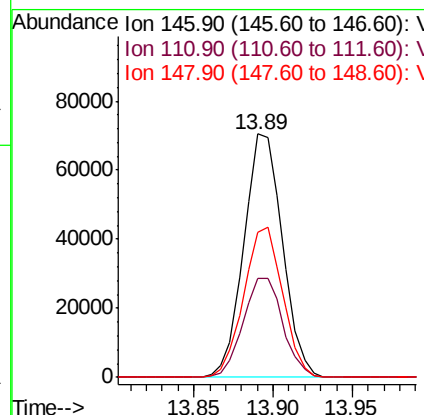
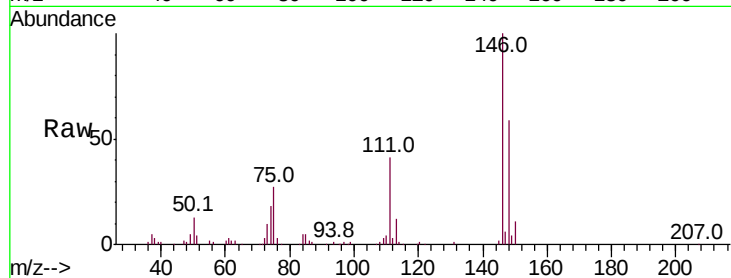




#91
 1,2-Dichlorobenzene
 Concen: 22.061 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

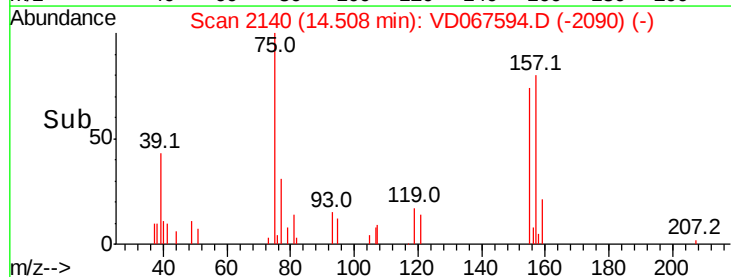
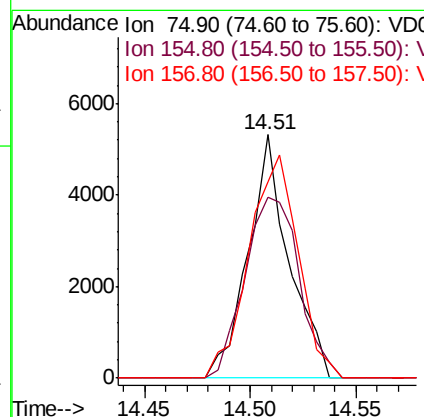
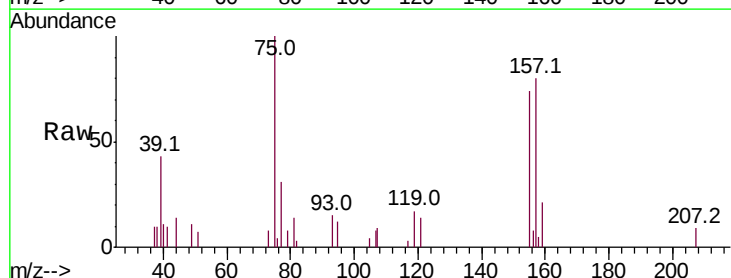
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

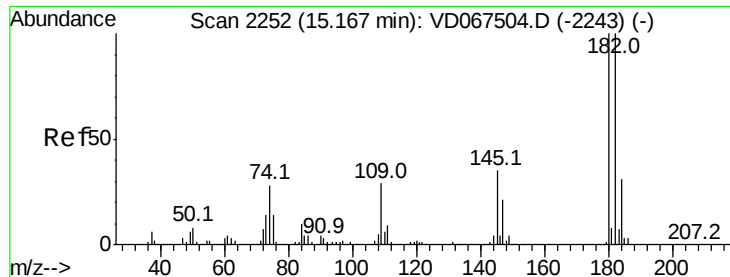
Tot Ion:146 Resp: 119258
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.7 62.1
 148 62.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.265 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion: 75 Resp: 7165
 Ion Ratio Lower Upper
 75 100
 155 98.7 46.6 139.8
 157 110.2 58.1 174.2

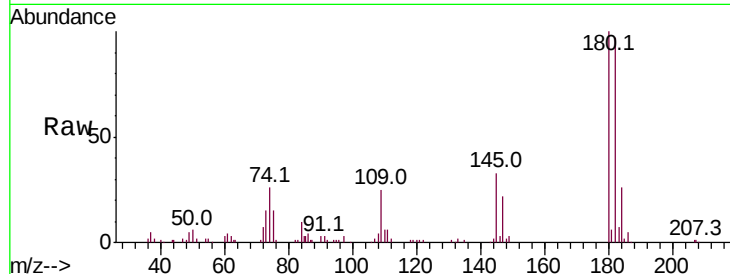




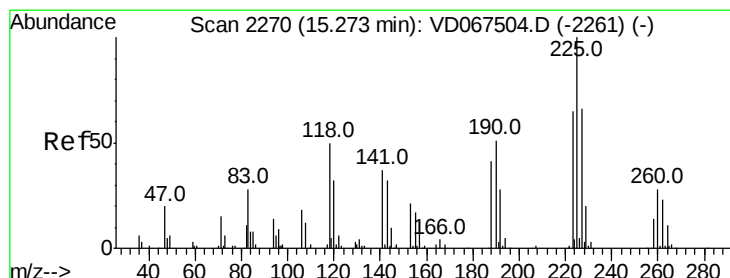
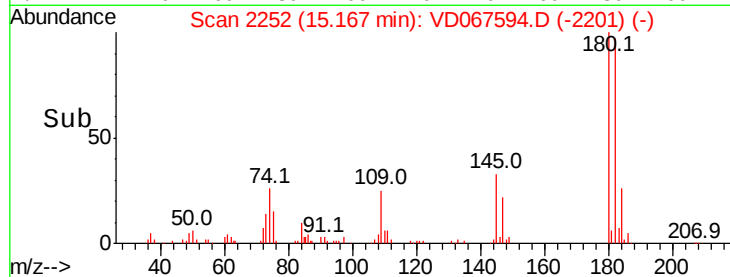
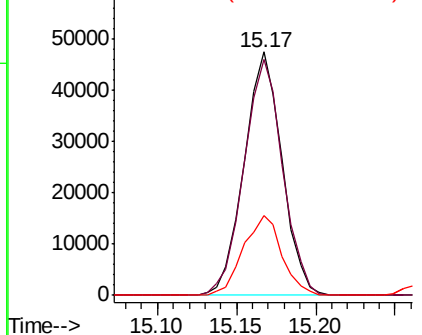
#93
 1,2,4-Trichlorobenzene
 Concen: 21.433 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.4	142.3
145	33.3	16.2	48.6

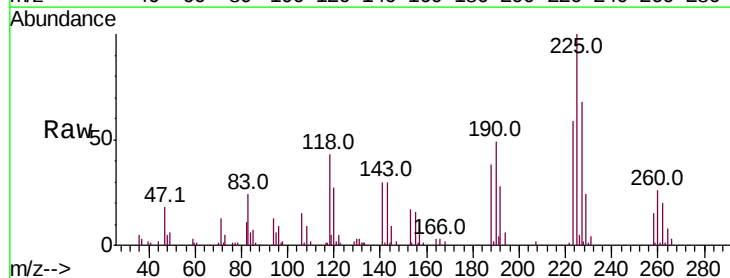


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

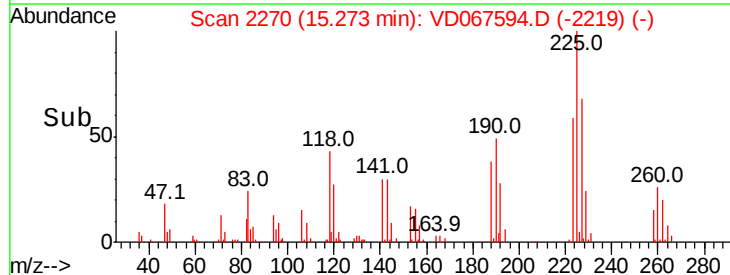
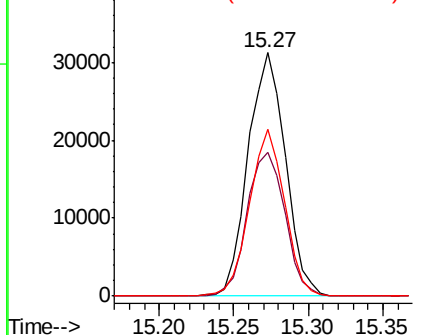


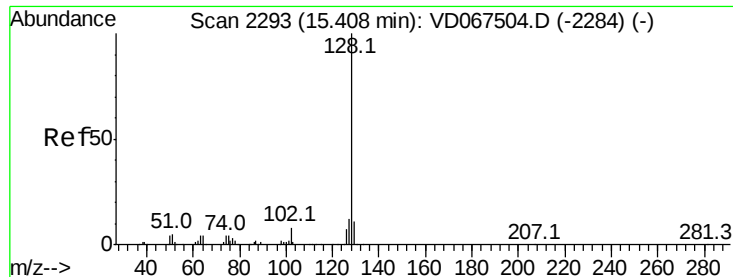
#94
 Hexachlorobutadiene
 Concen: 21.934 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067594.D
 Acq: 11 Nov 2020 11:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.9	95.5
227	64.5	32.5	97.4



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





#95

Naphthalene

Concen: 21.174 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

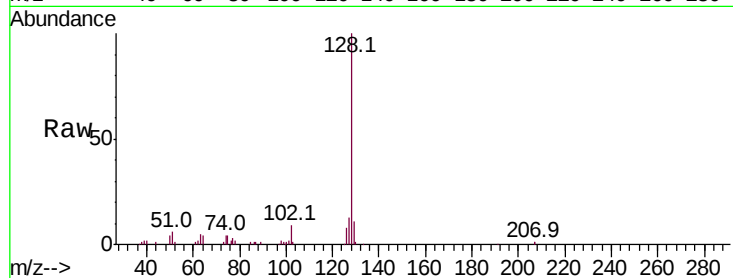
Tot Ion:128 Resp: 119891

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

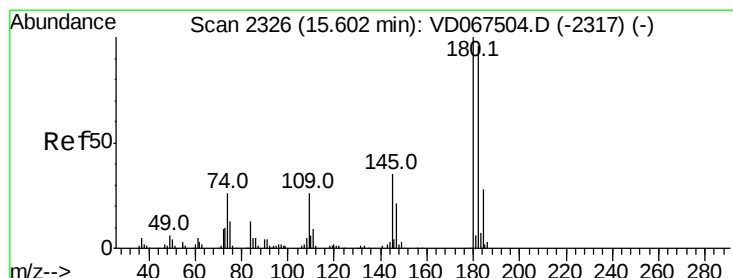
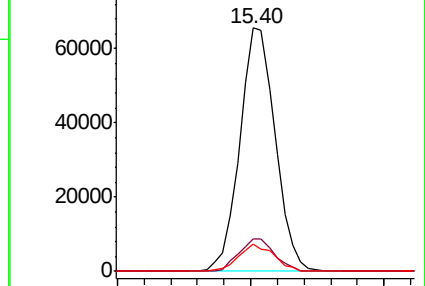
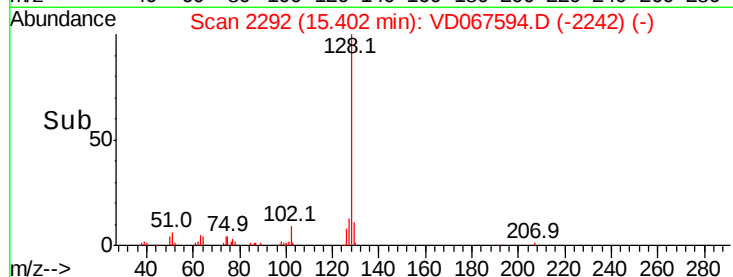
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.283 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD067594.D

Acq: 11 Nov 2020 11:30

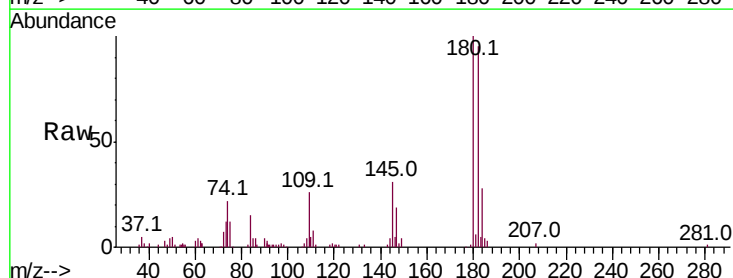
Tgt Ion:180 Resp: 66867

Ion Ratio Lower Upper

180 100

182 99.3 46.9 140.8

145 35.0 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

