

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067277.D
 Acq On : 15 Oct 2020 12:21
 Operator : VA/SY
 Sample : VD1015SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Quant Time: Oct 16 01:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	490976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	157275	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.92	113	163315	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	605613	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.64	95	211267	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61779	21.028	ug/l	94
3) Chloromethane	2.21	50	43588	21.203	ug/l	100
4) Vinyl Chloride	2.35	62	45663	20.244	ug/l	97
5) Bromomethane	2.76	94	37885	22.861	ug/l	95
6) Chloroethane	2.92	64	29782	21.201	ug/l	93
7) Trichlorofluoromethane	3.28	101	117123	20.621	ug/l	100
8) Diethyl Ether	3.71	74	25569	19.673	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	62137	20.591	ug/l	99
10) Methyl Iodide	4.30	142	59704	21.448	ug/l	99
11) Tert butyl alcohol	5.22	59	18281m	75.646	ug/l	
12) 1,1-Dichloroethene	4.07	96	54715	20.296	ug/l	91
13) Acrolein	3.93	56	12130	78.309	ug/l	95
14) Allyl chloride	4.71	41	62841	20.355	ug/l	98
15) Acrylonitrile	5.43	53	45034	103.845	ug/l	98
16) Acetone	4.16	43	44235	96.517	ug/l	97
17) Carbon Disulfide	4.41	76	157964	20.554	ug/l #	90
18) Methyl Acetate	4.71	43	20671	19.774	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	106863	19.935	ug/l	95
20) Methylene Chloride	4.97	84	68683	20.772	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	64005	20.631	ug/l	97
22) Diisopropyl ether	6.37	45	120657	21.394	ug/l	98
23) Vinyl Acetate	6.31	43	334007	104.099	ug/l	97
24) 1,1-Dichloroethane	6.27	63	102680	21.269	ug/l	98
25) 2-Butanone	7.21	43	51534	98.642	ug/l #	73
26) 2,2-Dichloropropane	7.21	77	102334	20.566	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	70615	20.769	ug/l	99
28) Bromochloromethane	7.54	49	33139	20.125	ug/l #	1
29) Tetrahydrofuran	7.57	42	28974	99.770	ug/l	97
30) Chloroform	7.71	83	120676	20.925	ug/l	97
31) Cyclohexane	7.98	56	76860	20.391	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	119116	21.051	ug/l	99
36) 1,1-Dichloropropene	8.11	75	85455	20.535	ug/l	98
37) Ethyl Acetate	7.30	43	23390	19.104	ug/l #	95
38) Carbon Tetrachloride	8.10	117	111214	20.910	ug/l	99

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Quant Time: Oct 16 01:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	87238	20.053	ug/l	94
40) Benzene	8.35	78	236474	20.714	ug/l	98
41) Methacrylonitrile	7.53	41	14004	21.166	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	73353	20.532	ug/l	99
43) Isopropyl Acetate	8.46	43	47562	19.578	ug/l	97
44) Trichloroethene	9.11	130	77564	21.220	ug/l	93
45) 1,2-Dichloropropane	9.39	63	54376	20.552	ug/l	99
46) Dibromomethane	9.48	93	34579	20.976	ug/l	94
47) Bromodichloromethane	9.66	83	89641	20.296	ug/l #	93
48) Methyl methacrylate	9.46	41	22339	18.921	ug/l	99
49) 1,4-Dioxane	9.47	88	7230	436.089	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	121440	100.221	ug/l	99
52) Toluene	10.41	92	165786	21.321	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	80864	20.842	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	92476	20.367	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	43840	19.503	ug/l	98
56) Ethyl methacrylate	10.66	69	47753	20.483	ug/l	96
57) 1,3-Dichloropropane	10.95	76	73285	20.486	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	123080	102.913	ug/l	99
59) 2-Hexanone	10.98	43	82372	99.483	ug/l	99
60) Dibromochloromethane	11.14	129	68854	21.003	ug/l	99
61) 1,2-Dibromoethane	11.25	107	45671	20.609	ug/l	97
64) Tetrachloroethene	10.88	164	68077	20.754	ug/l	97
65) Chlorobenzene	11.67	112	181316	20.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	76003	22.027	ug/l	95
67) Ethyl Benzene	11.75	91	308618	20.738	ug/l	99
68) m/p-Xylenes	11.86	106	253454	44.227	ug/l	93
69) o-Xylene	12.18	106	111119	20.939	ug/l	94
70) Styrene	12.20	104	196261	21.484	ug/l	99
71) Bromoform	12.37	173	39330	21.217	ug/l #	99
73) Isopropylbenzene	12.48	105	315010	21.650	ug/l	100
74) N-amyl acetate	12.29	43	42993	19.564	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	45501	20.410	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	28611m	18.006	ug/l	
77) Bromobenzene	12.77	156	77739	21.431	ug/l	98
78) n-propylbenzene	12.83	91	362378	21.496	ug/l	100
79) 2-Chlorotoluene	12.91	91	207092	21.183	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	270498	21.394	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	14967	21.361	ug/l	95
82) 4-Chlorotoluene	13.01	91	223302	21.521	ug/l	99
83) tert-Butylbenzene	13.23	119	227629	21.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	270013	21.607	ug/l	100
85) sec-Butylbenzene	13.41	105	308558	21.055	ug/l	99
86) p-Isopropyltoluene	13.53	119	291774	21.093	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	148046	21.204	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	144793	20.932	ug/l	96
89) n-Butylbenzene	13.85	91	257197	21.135	ug/l	99
90) Hexachloroethane	14.12	117	50327	20.849	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	126416	20.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7828	19.328	ug/l	95

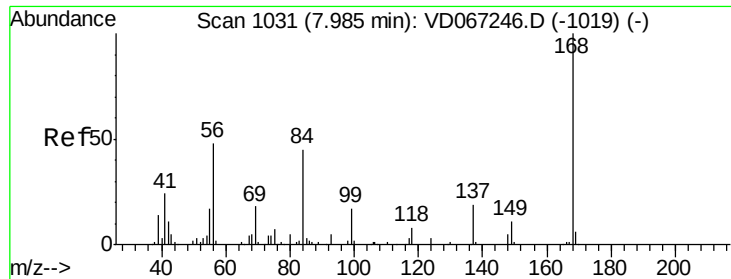
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
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Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85400	20.767	ug/l	99
94) Hexachlorobutadiene	15.28	225	52533	20.571	ug/l	98
95) Naphthalene	15.41	128	133340	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74877	21.076	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

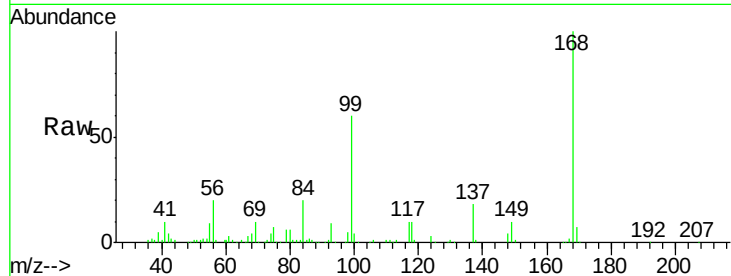
VD1015SBS01

Tot Ion:168 Resp: 326646

Ion Ratio Lower Upper

168 100

99 59.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

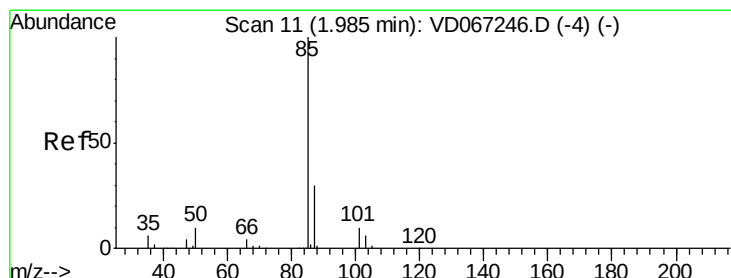
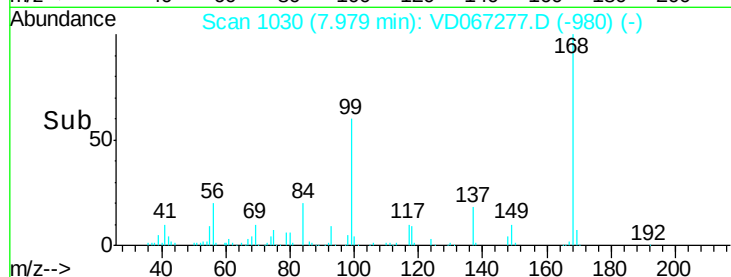
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.028 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067277.D

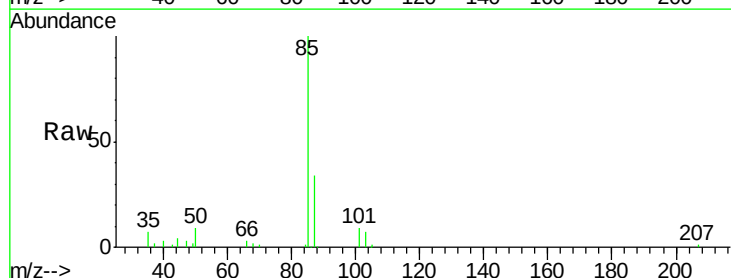
Acq: 15 Oct 2020 12:21

Tgt Ion: 85 Resp: 61779

Ion Ratio Lower Upper

85 100

87 33.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

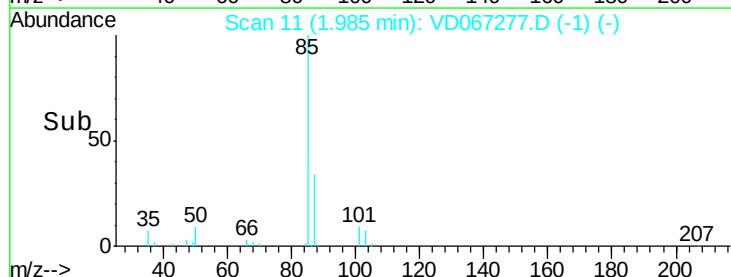
20000

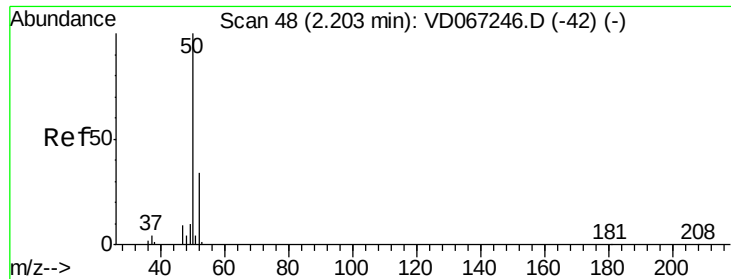
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.203 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

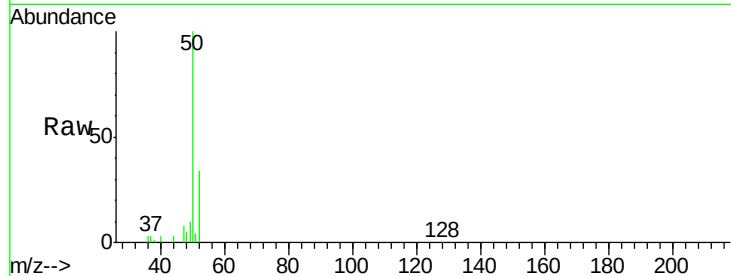
VD1015SBS01

Tot Ion: 50 Resp: 43588

Ion Ratio Lower Upper

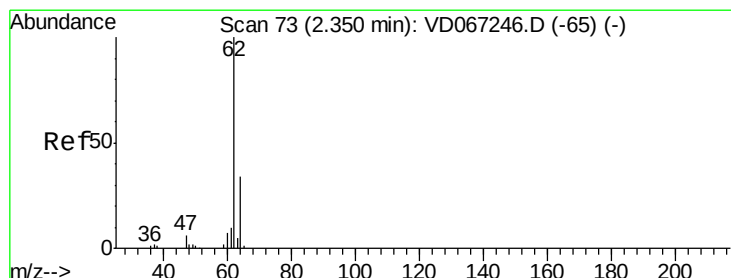
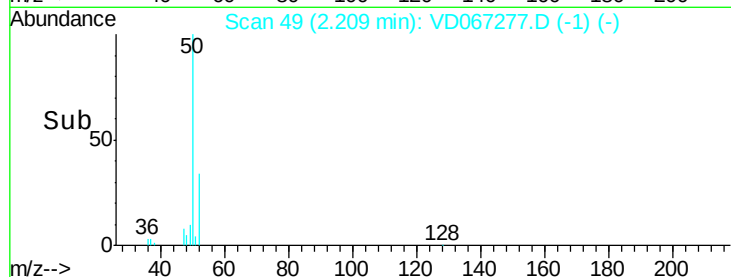
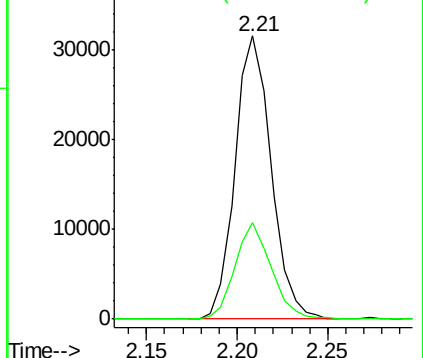
50 100

52 34.1 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.244 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067277.D

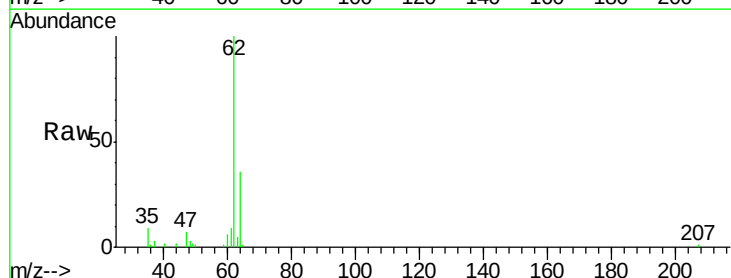
Acq: 15 Oct 2020 12:21

Tgt Ion: 62 Resp: 45663

Ion Ratio Lower Upper

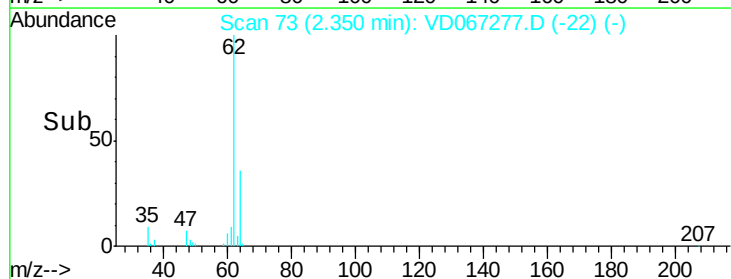
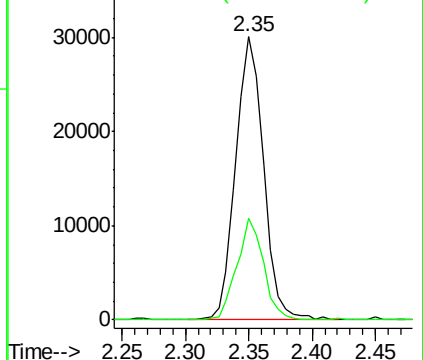
62 100

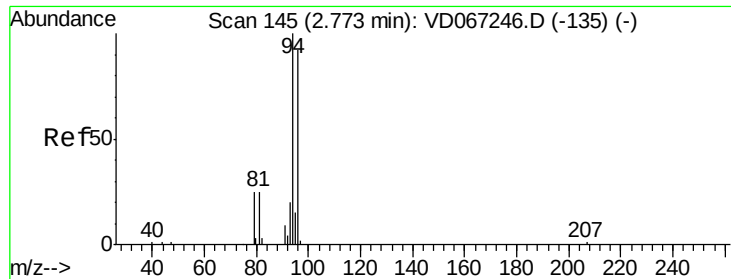
64 36.1 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.861 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

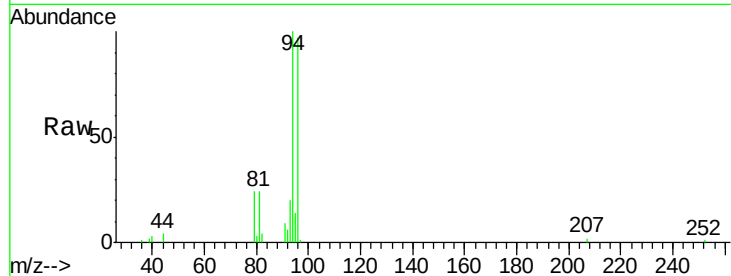
VD1015SBS01

Tot Ion: 94 Resp: 37885

Ion Ratio Lower Upper

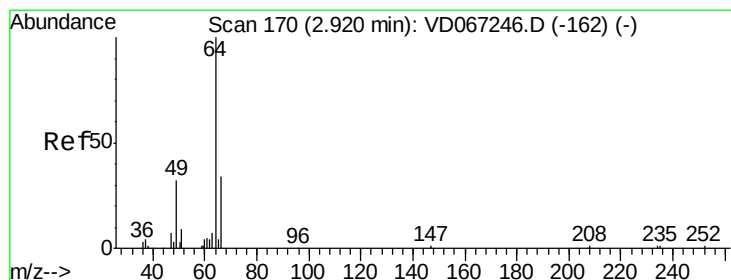
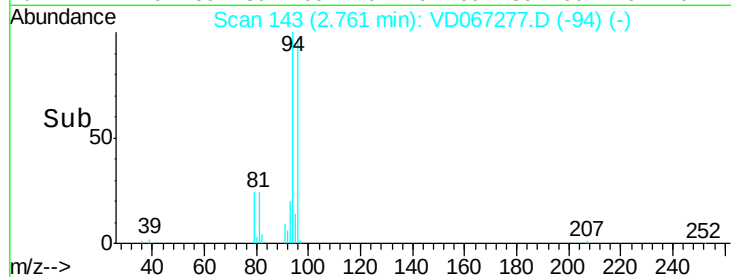
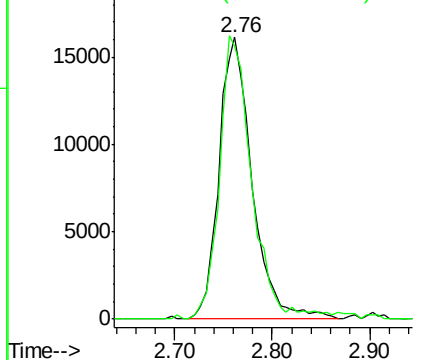
94 100

96 96.8 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.201 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067277.D

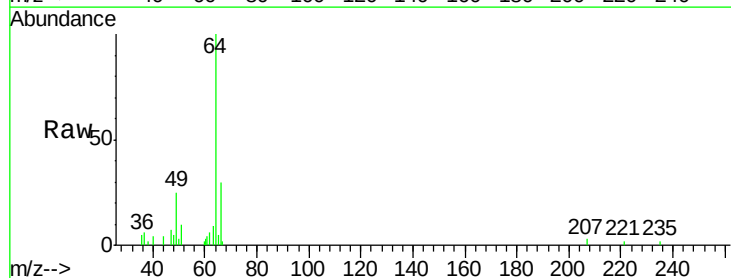
Acq: 15 Oct 2020 12:21

Tgt Ion: 64 Resp: 29782

Ion Ratio Lower Upper

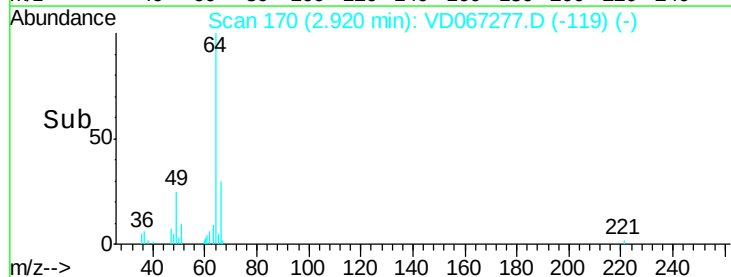
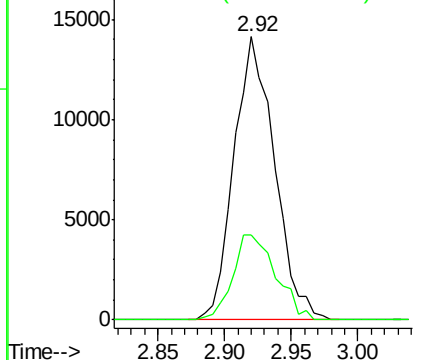
64 100

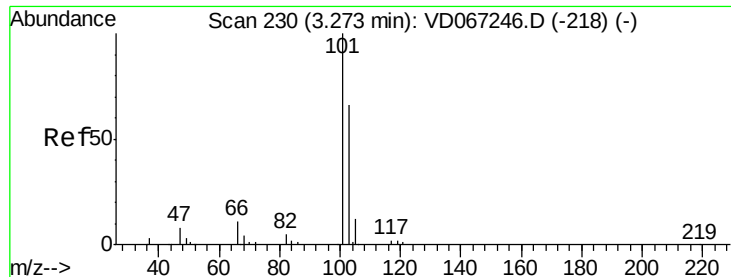
66 30.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



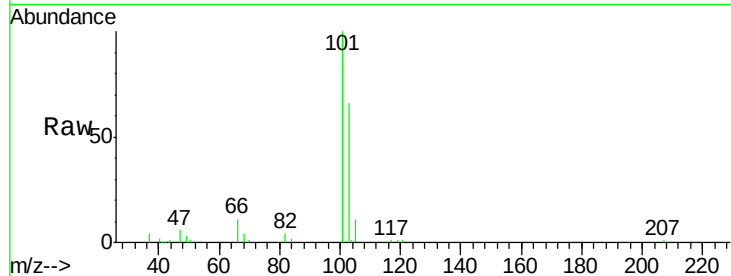


#7

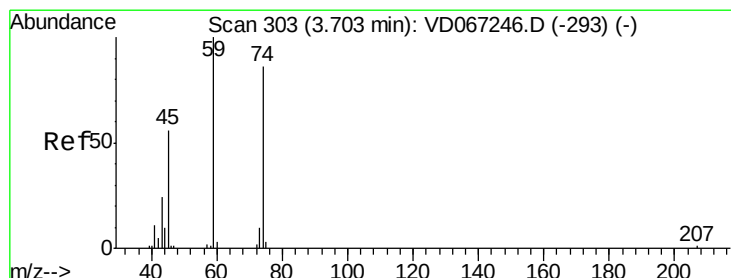
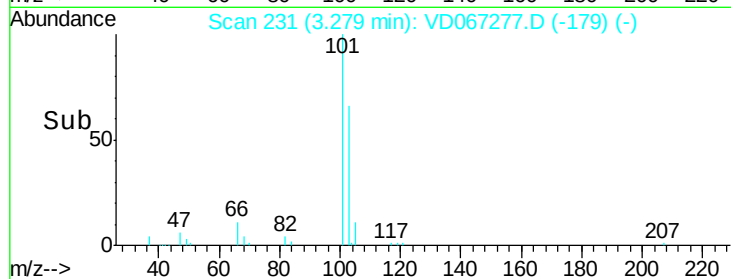
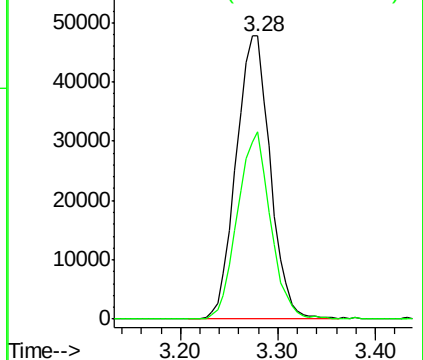
Trichlorofluoromethane
 Concen: 20.621 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Tot Ion:101 Resp: 117123
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.1 79.7



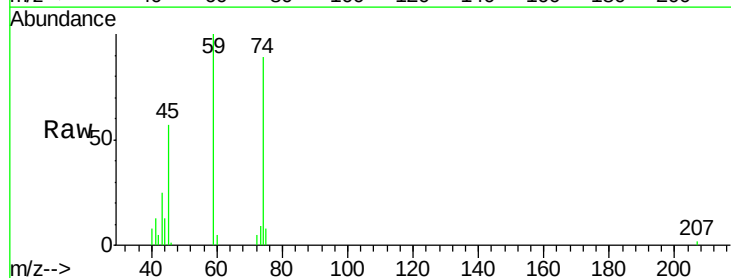
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



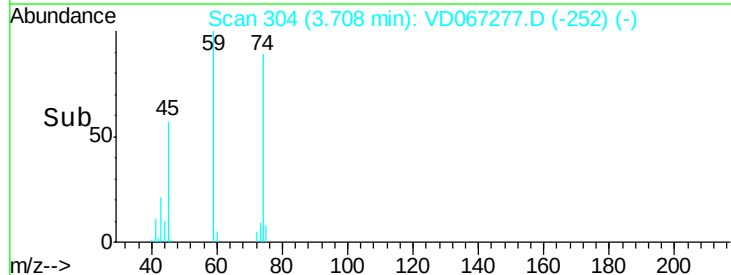
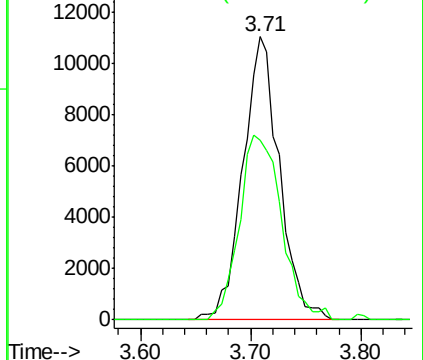
#8

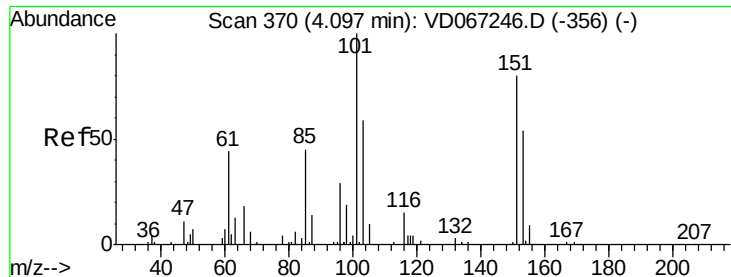
Diethyl Ether
 Concen: 19.673 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion: 74 Resp: 25569
 Ion Ratio Lower Upper
 74 100
 45 75.4 37.0 111.1



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: 20.591 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

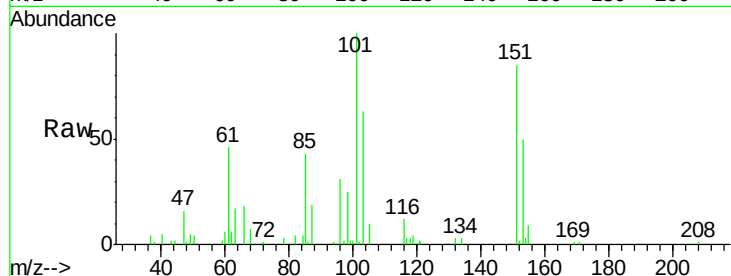
Tot Ion:101 Resp: 62137

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

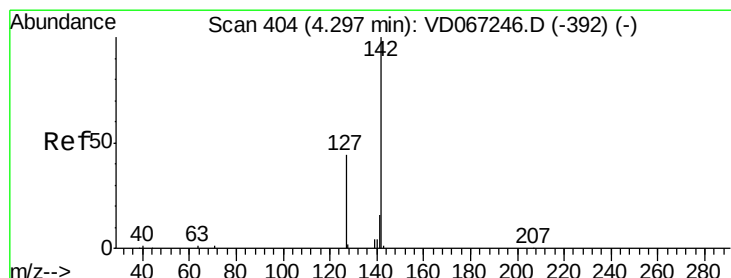
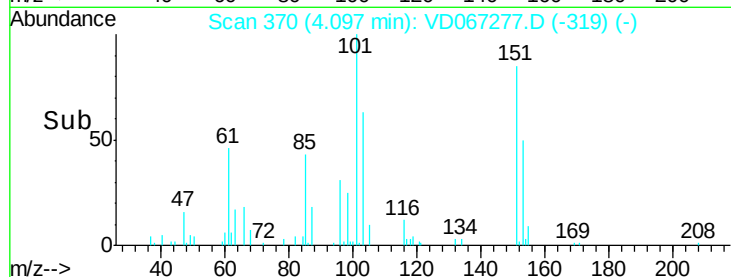
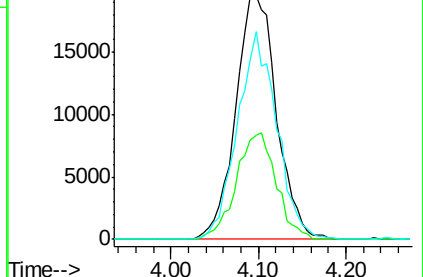
151 81.9 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.448 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

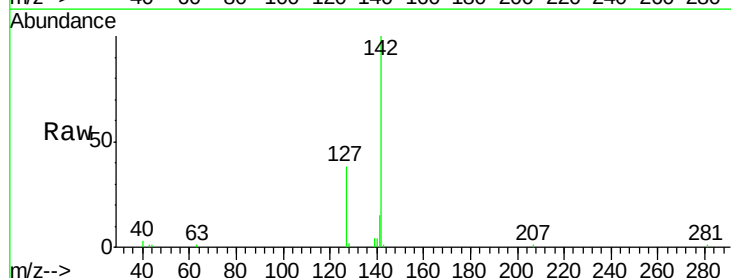
Tgt Ion:142 Resp: 59704

Ion Ratio Lower Upper

142 100

127 47.2 38.4 57.6

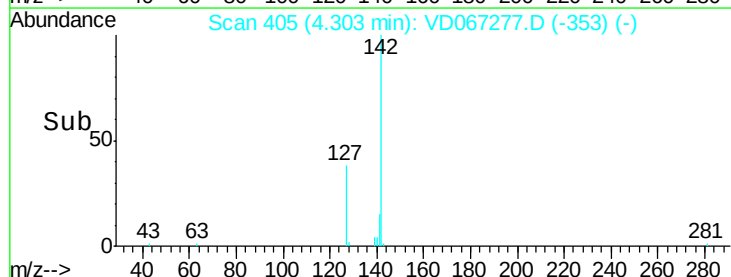
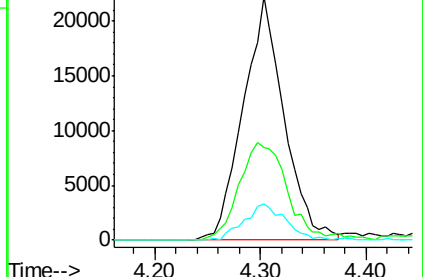
141 15.0 11.6 17.4

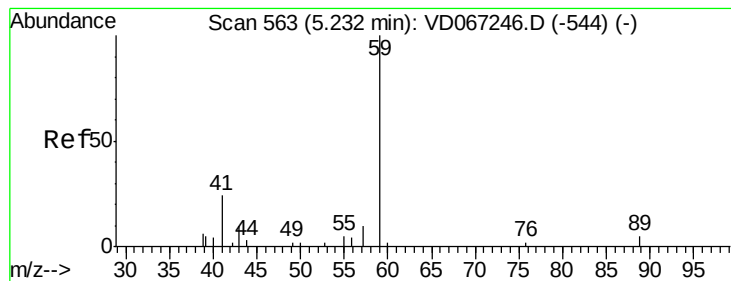


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 75.646 ug/l m

RT: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

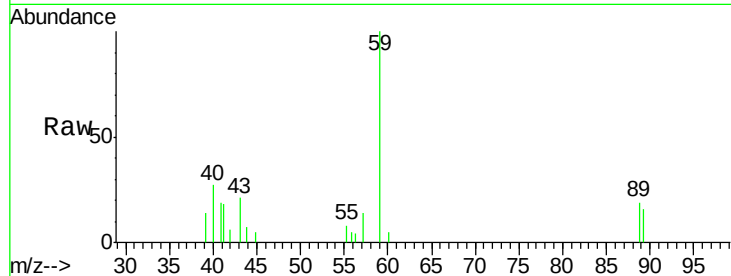
VD1015SBS01

Tot Ion: 59 Resp: 18281

Ion Ratio Lower Upper

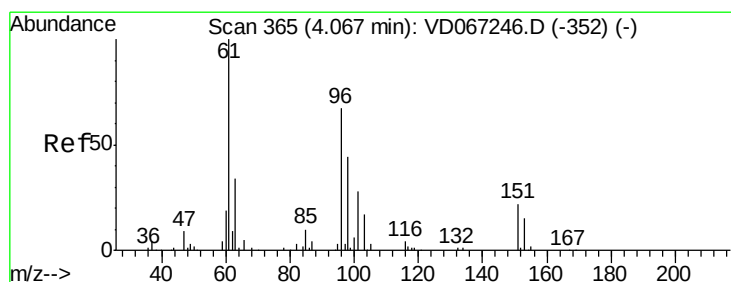
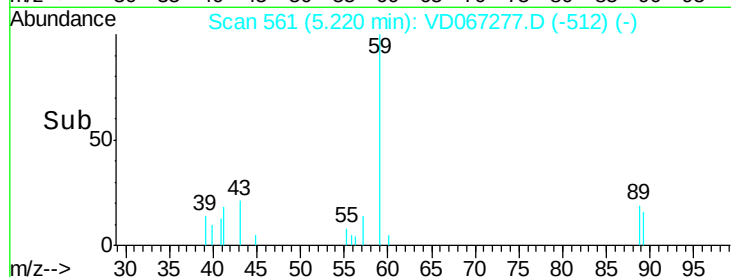
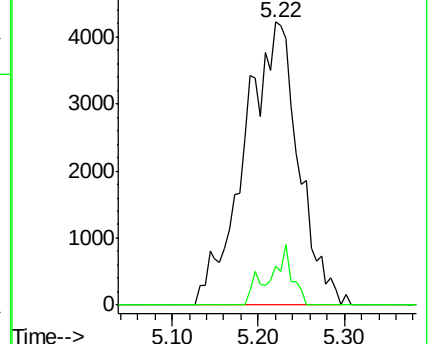
59 100

57 6.3 5.1 7.7



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.296 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

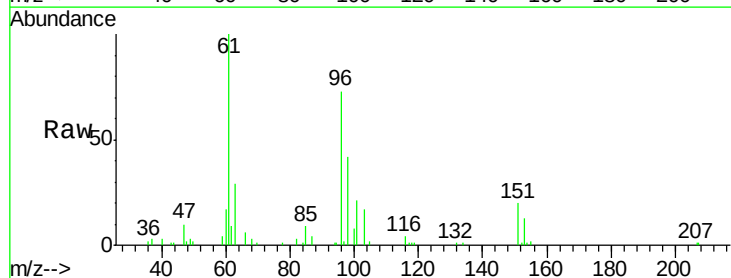
Tgt Ion: 96 Resp: 54715

Ion Ratio Lower Upper

96 100

61 136.9 118.6 177.8

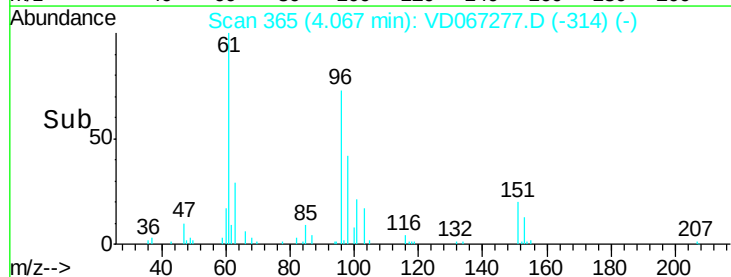
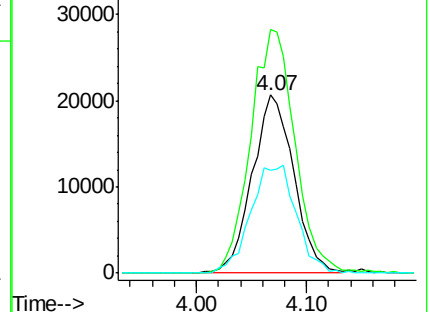
98 58.1 51.8 77.6

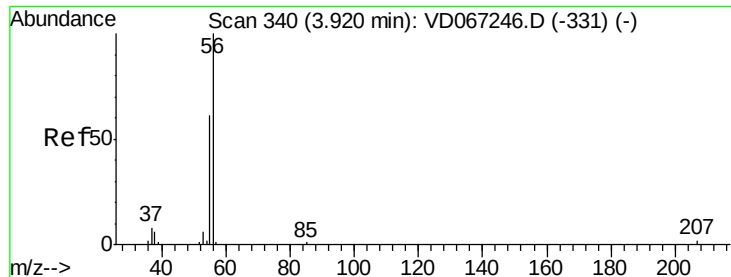


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 78.309 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

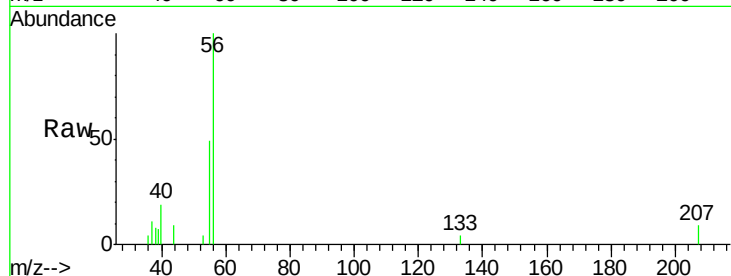
VD1015SBS01

Tot Ion: 56 Resp: 12130

Ion Ratio Lower Upper

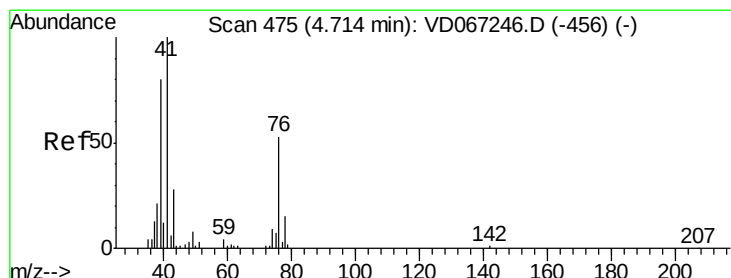
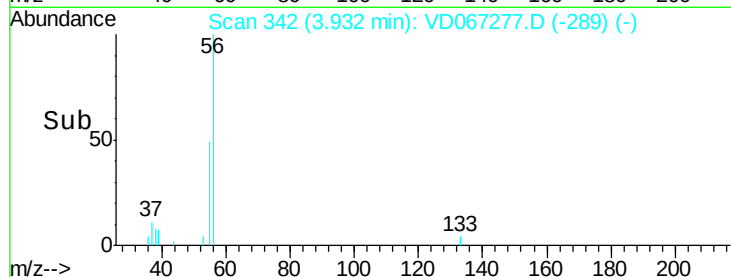
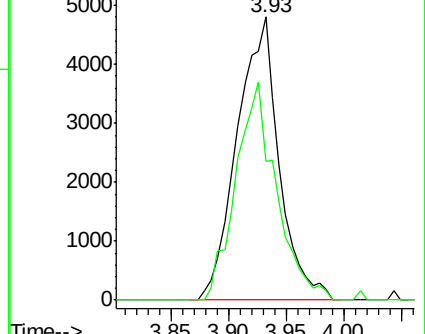
56 100

55 74.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.355 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

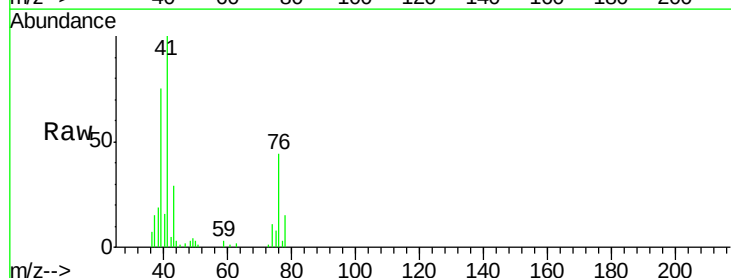
Tgt Ion: 41 Resp: 62841

Ion Ratio Lower Upper

41 100

39 80.1 63.8 95.6

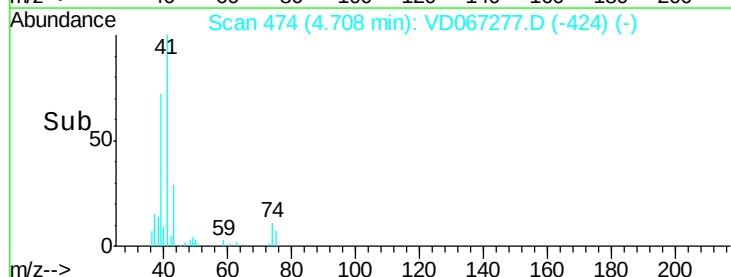
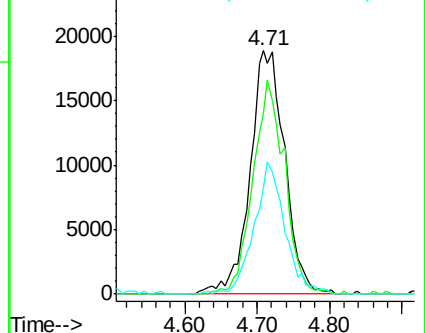
76 47.9 40.4 60.6

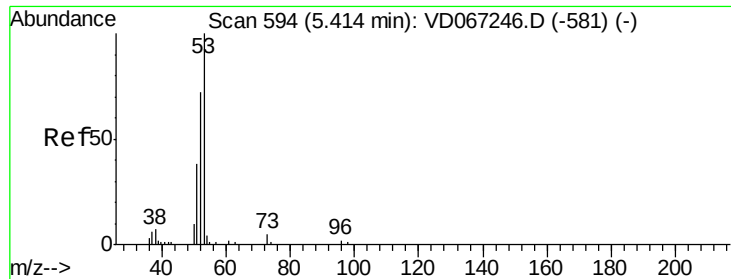


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 103.845 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

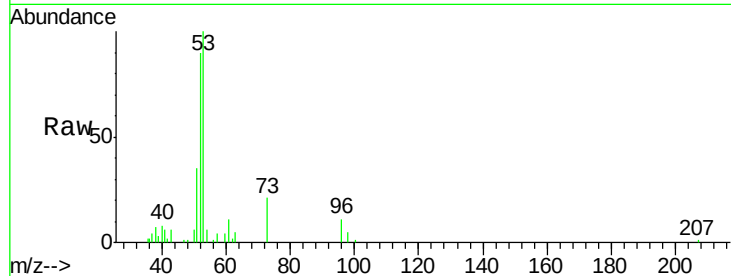
Tot Ion: 53 Resp: 45034

Ion Ratio Lower Upper

53 100

52 80.5 65.6 98.4

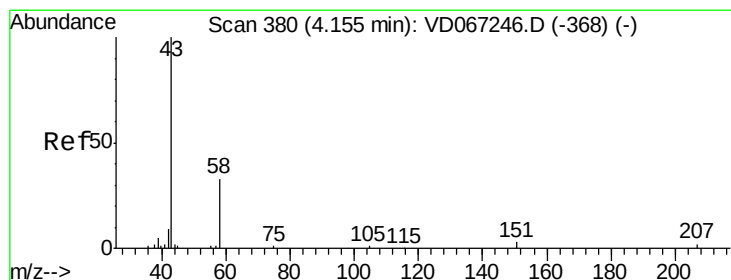
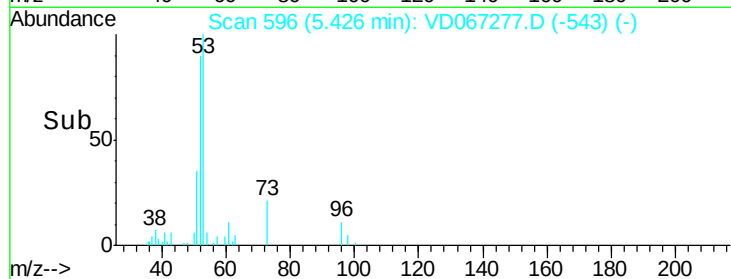
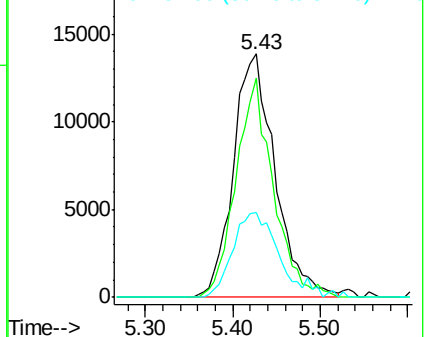
51 36.4 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 96.517 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067277.D

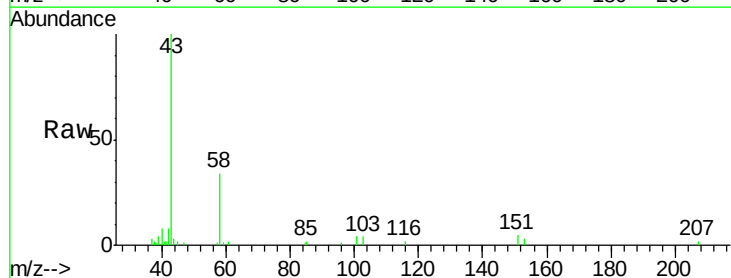
Acq: 15 Oct 2020 12:21

Tgt Ion: 43 Resp: 44235

Ion Ratio Lower Upper

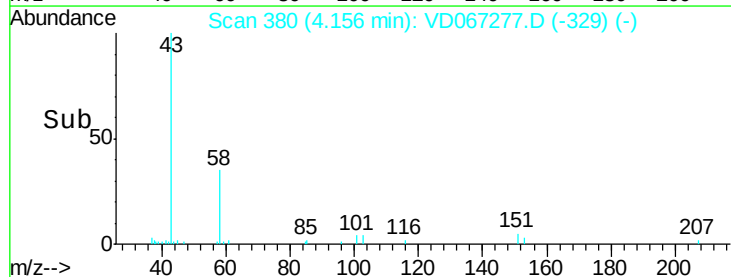
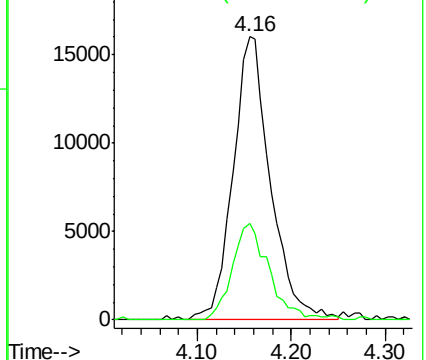
43 100

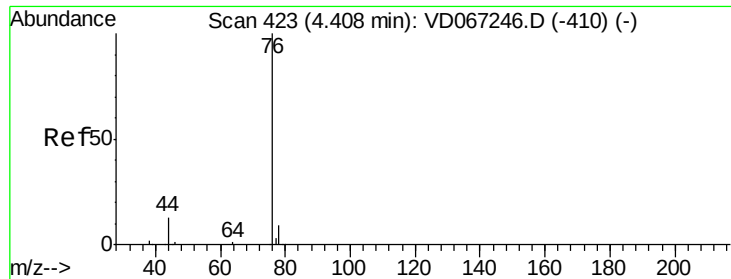
58 34.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.554 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

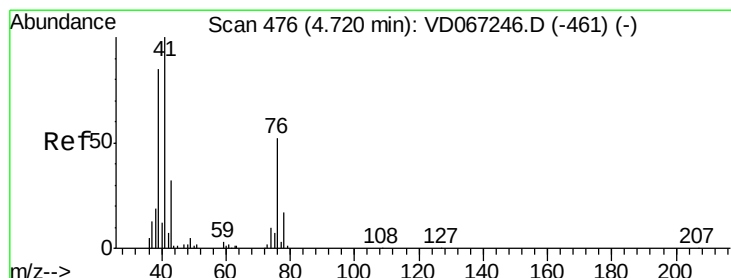
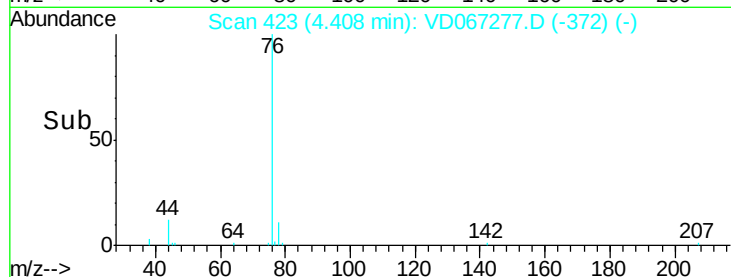
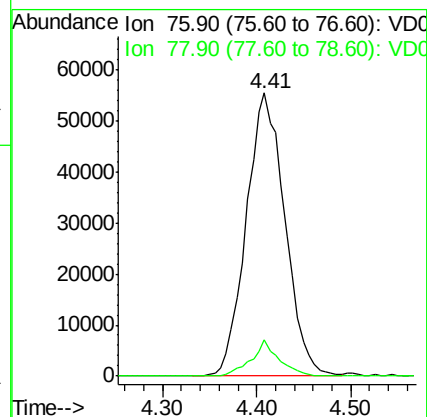
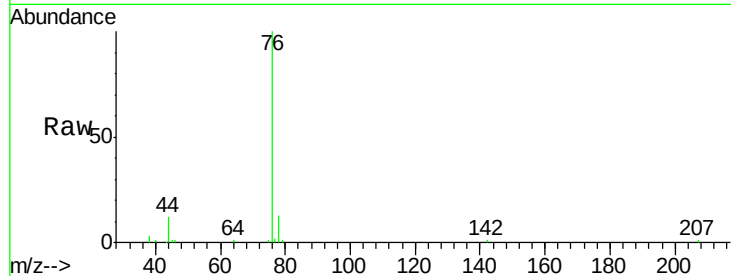
VD1015SBS01

Tot Ion: 76 Resp: 157964

Ion Ratio Lower Upper

76 100

78 12.7 7.4 11.0#



#18

Methyl Acetate

Concen: 19.774 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067277.D

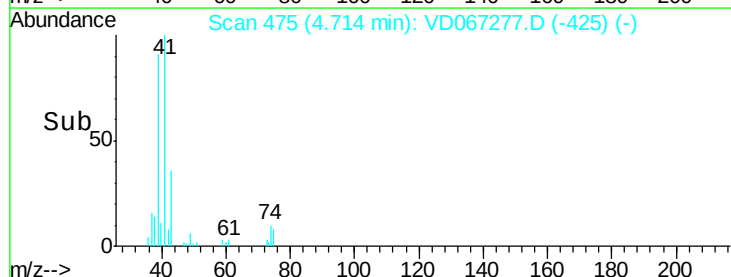
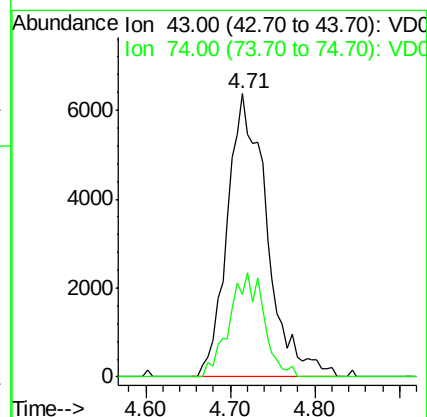
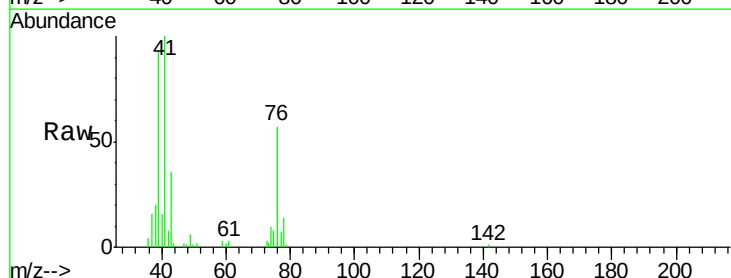
Acq: 15 Oct 2020 12:21

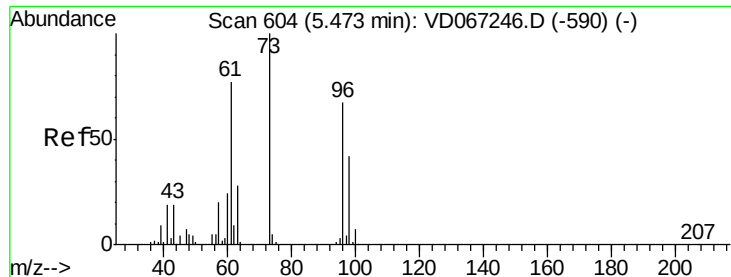
Tgt Ion: 43 Resp: 20671

Ion Ratio Lower Upper

43 100

74 31.9 26.6 39.8

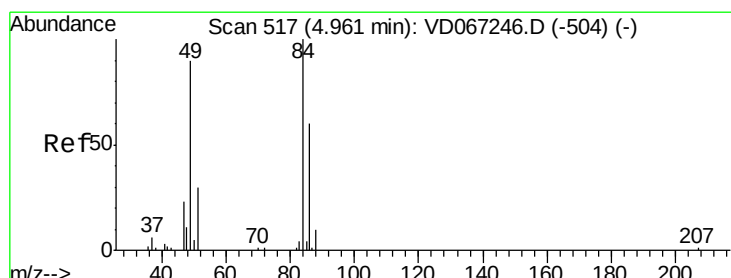
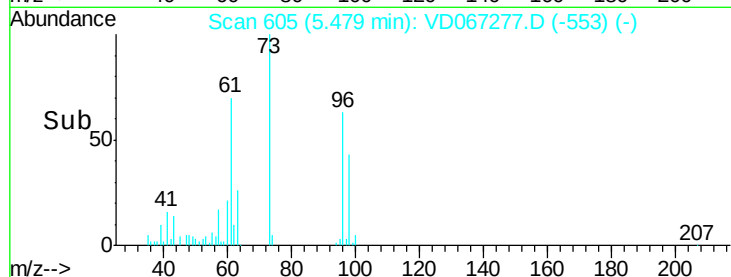
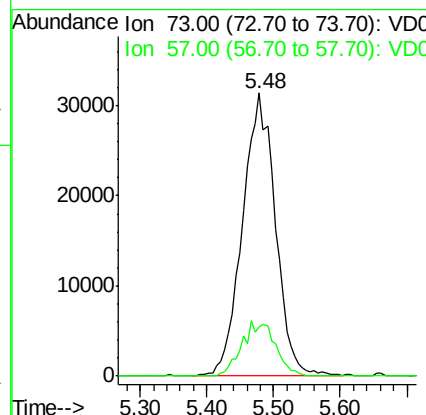
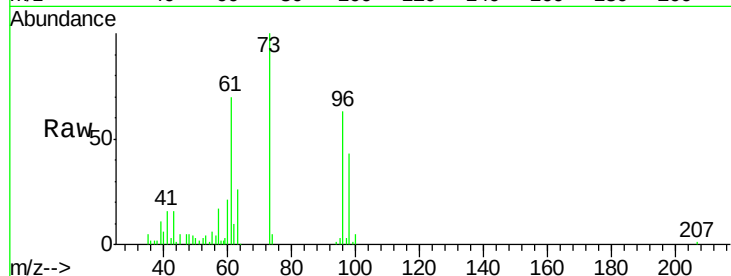




#19
Methyl tert-butyl Ether
Concen: 19.935 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

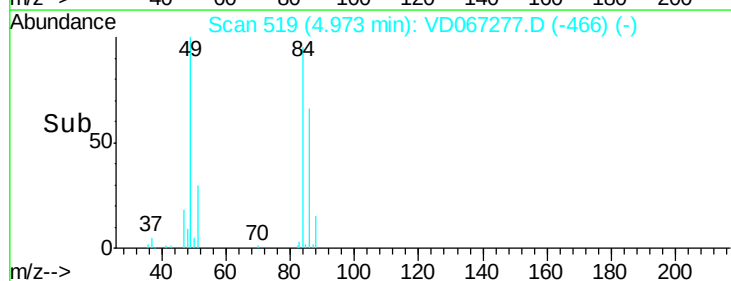
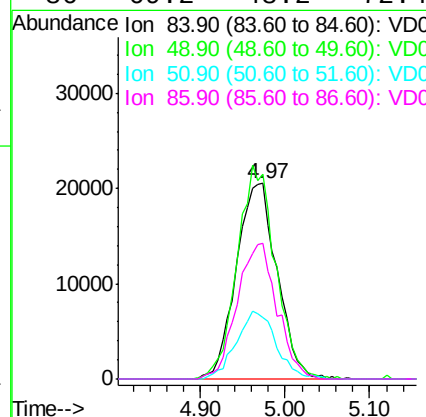
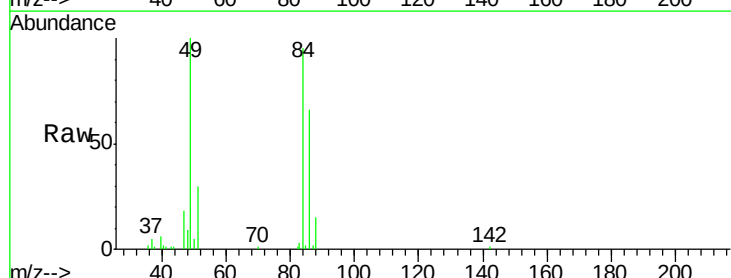
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

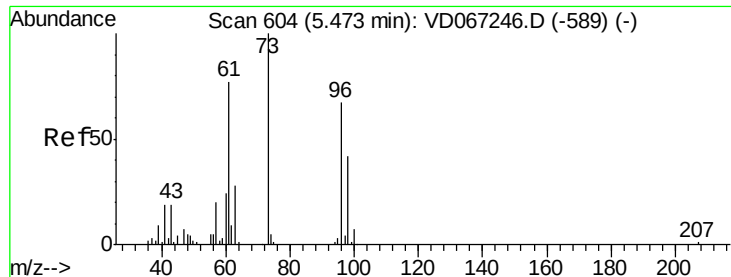
Tot Ion: 73 Resp: 106863
Ion Ratio Lower Upper
73 100
57 17.3 15.7 23.5



#20
Methylene Chloride
Concen: 20.772 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 84 Resp: 68683
Ion Ratio Lower Upper
84 100
49 104.7 72.2 108.2
51 31.2 23.8 35.8
86 69.2 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.631 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

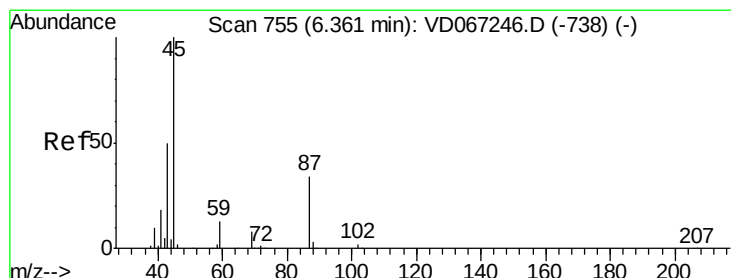
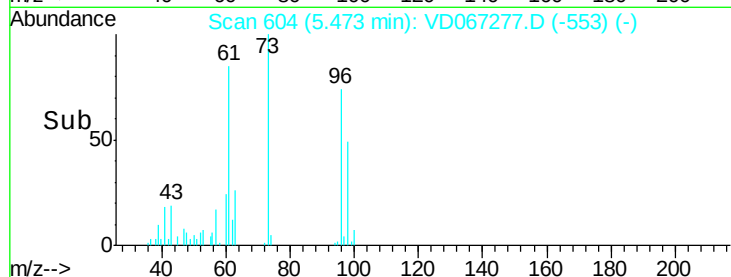
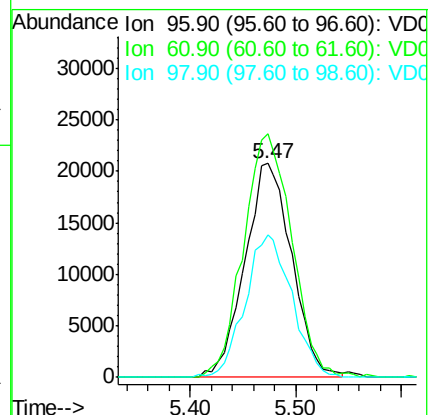
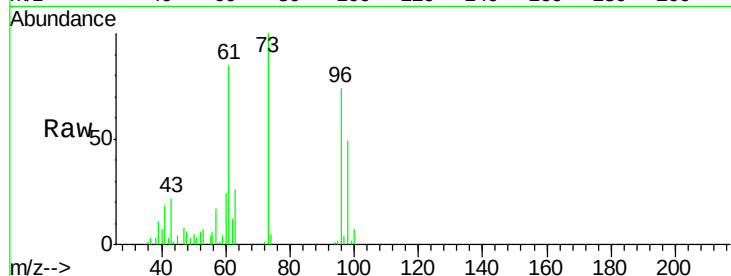
Tot Ion: 96 Resp: 64005

Ion Ratio Lower Upper

96 100

61 113.9 92.0 138.0

98 66.6 49.8 74.8



#22

Diisopropyl ether

Concen: 21.394 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Tgt Ion: 45 Resp: 120657

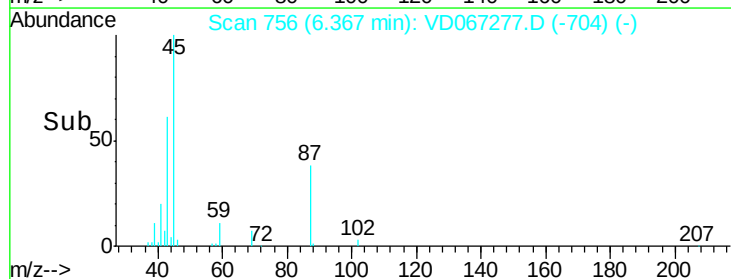
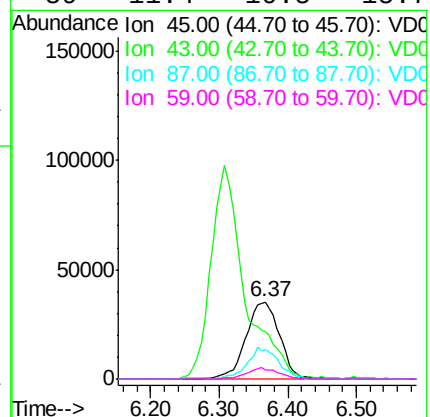
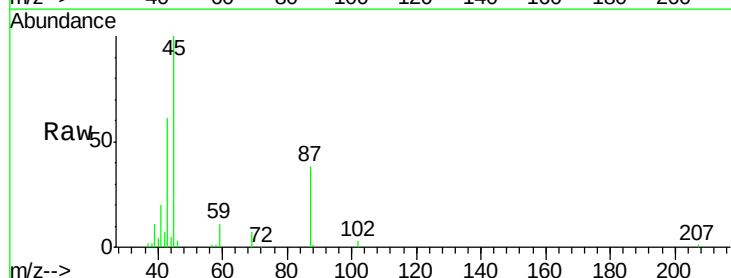
Ion Ratio Lower Upper

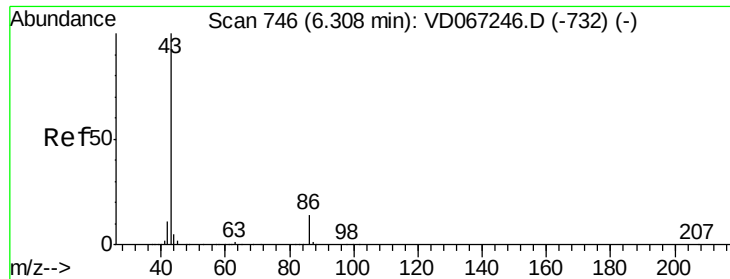
45 100

43 60.1 48.0 72.0

87 37.9 28.5 42.7

59 11.4 10.5 15.7





#23

Vinyl Acetate

Concen: 104.099 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

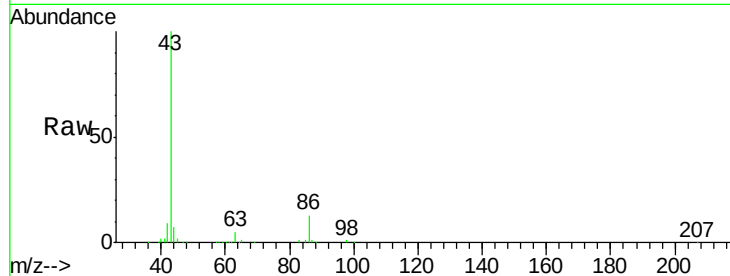
VD1015SBS01

Tot Ion: 43 Resp: 334007

Ion Ratio Lower Upper

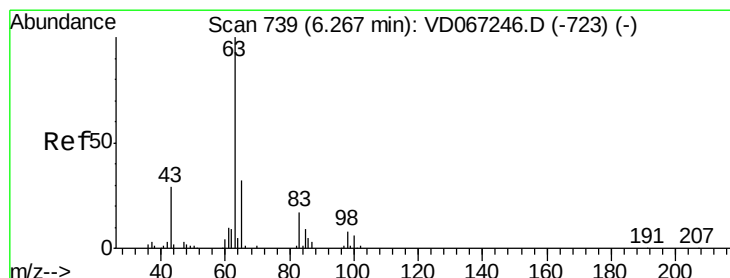
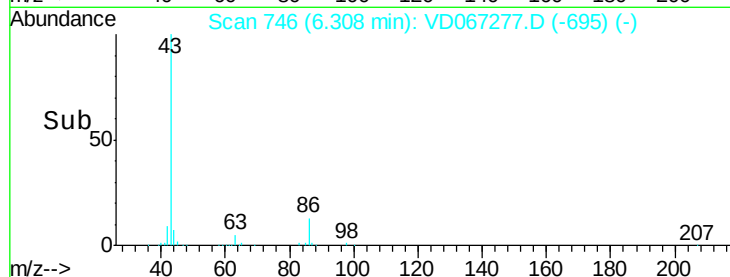
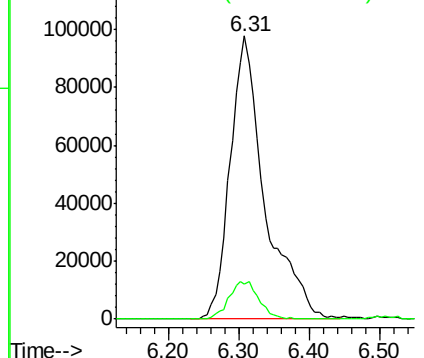
43 100

86 12.6 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.269 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

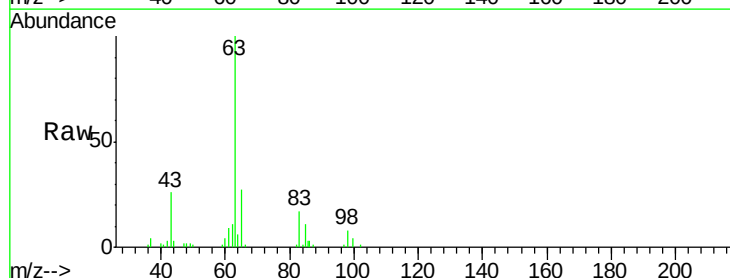
Tgt Ion: 63 Resp: 102680

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

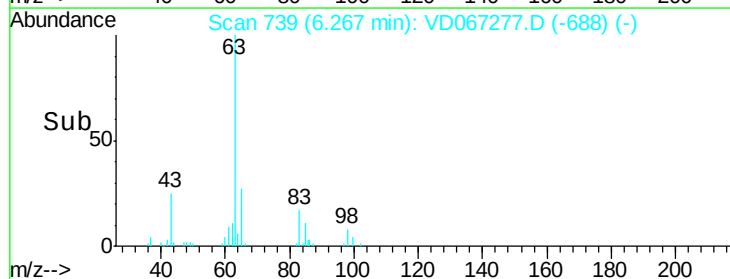
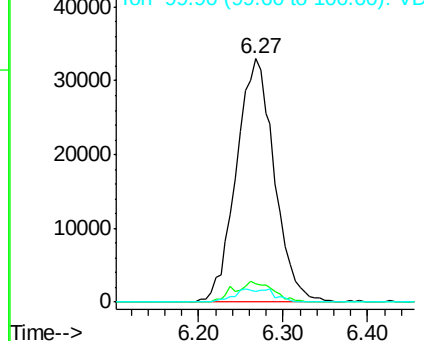
100 4.1 2.8 8.4

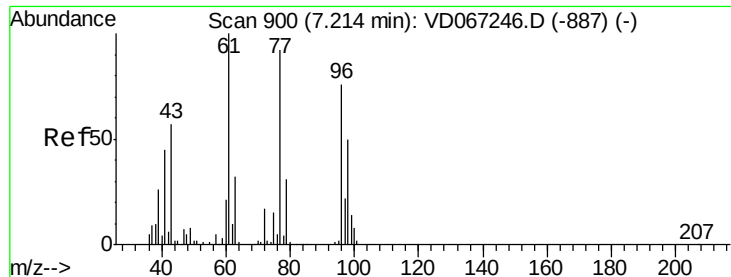


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

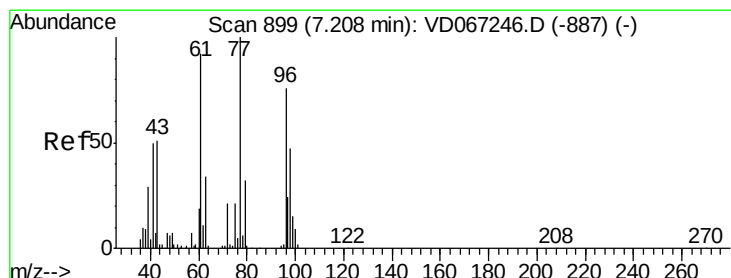
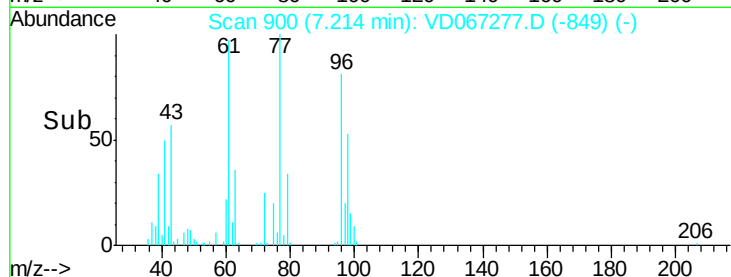
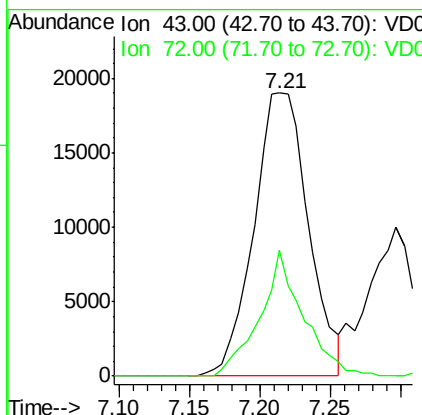
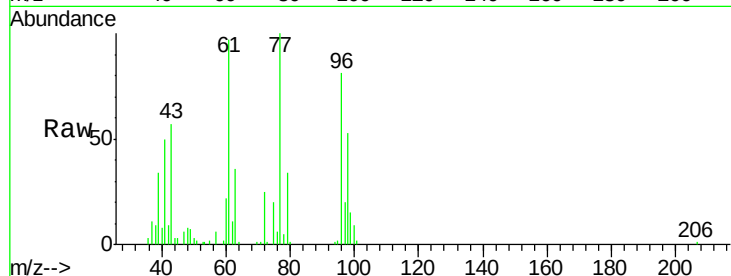




#25
2-Butanone
Concen: 98.642 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

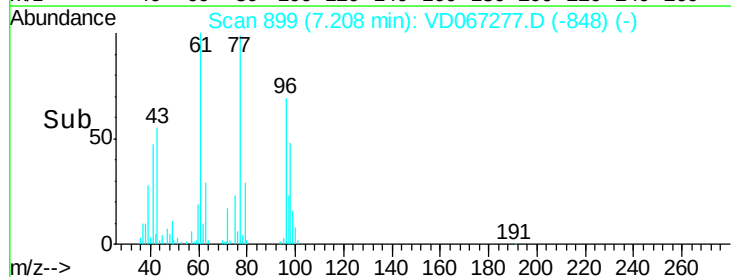
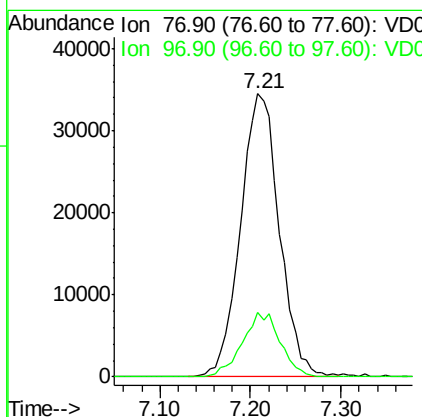
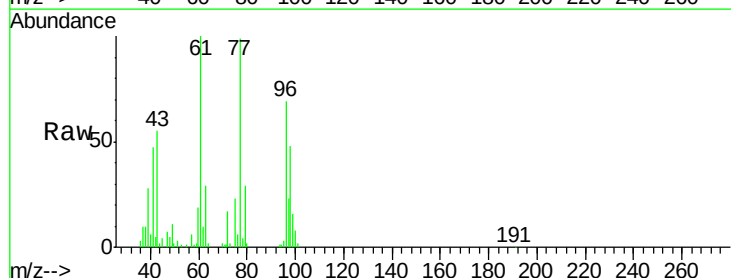
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

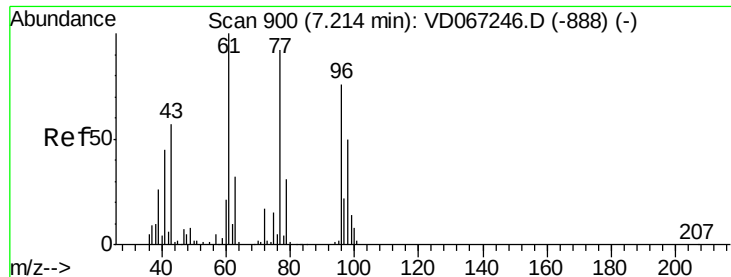
Tot Ion: 43 Resp: 51534
Ion Ratio Lower Upper
43 100
72 44.3 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 20.566 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 77 Resp: 102334
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2



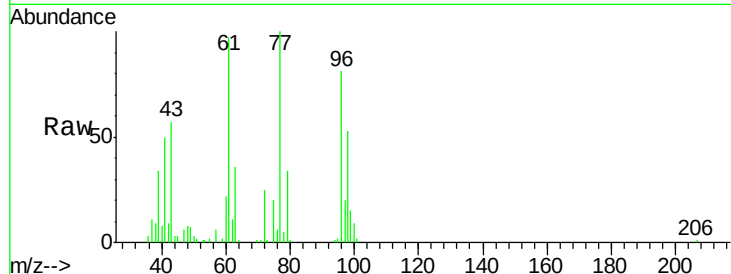


#27

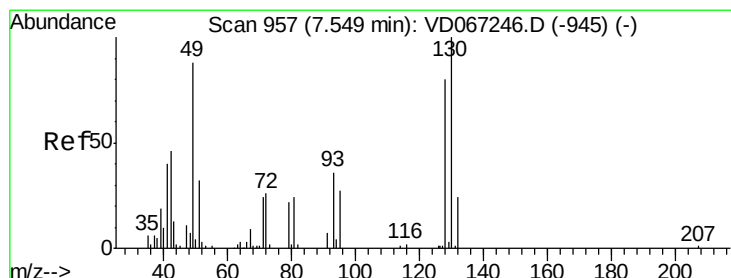
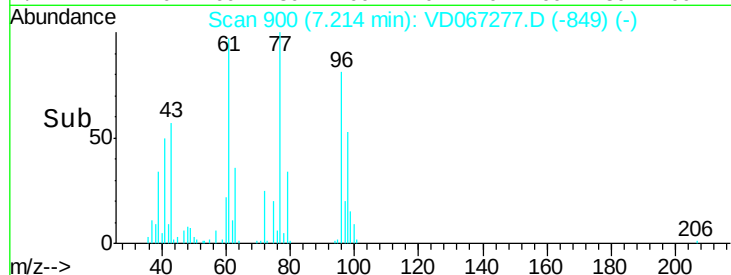
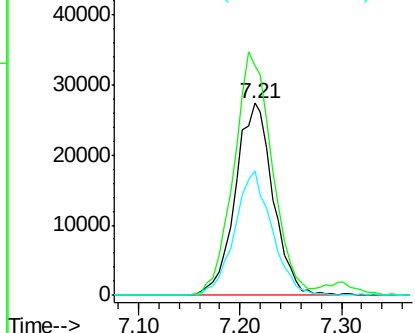
cis-1,2-Dichloroethene
Concen: 20.769 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBSD01

Tot Ion: 96 Resp: 70615
Ion Ratio Lower Upper
96 100
61 129.2 0.0 255.4
98 64.0 0.0 128.0



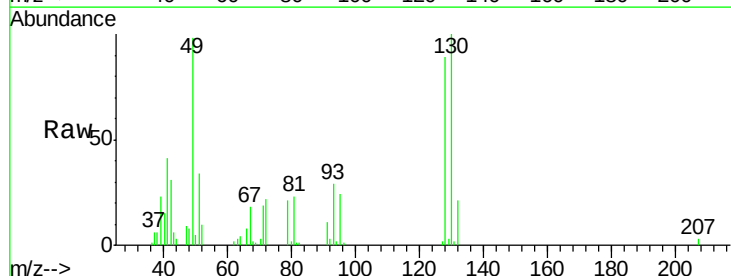
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



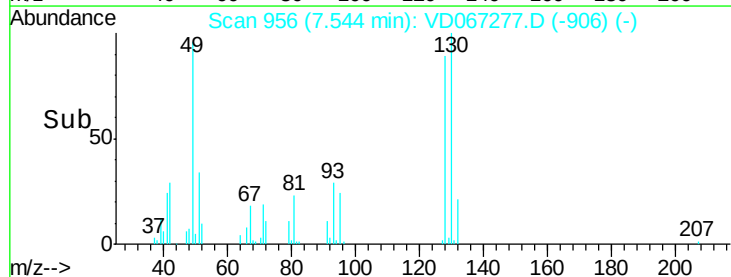
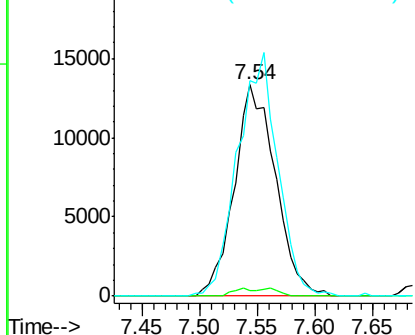
#28

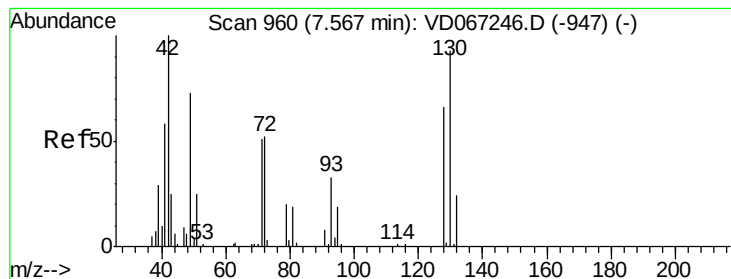
Bromochloromethane
Concen: 20.125 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 49 Resp: 33139
Ion Ratio Lower Upper
49 100
129 2.0 0.0 1.6#
130 0.0 91.0 136.6#



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 99.770 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

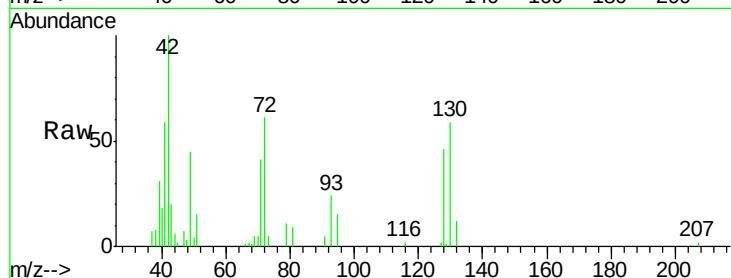
Tot Ion: 42 Resp: 28974

Ion Ratio Lower Upper

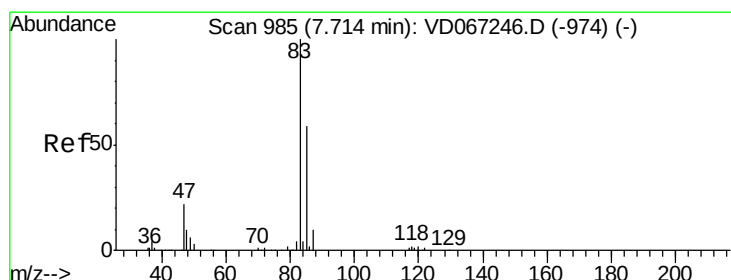
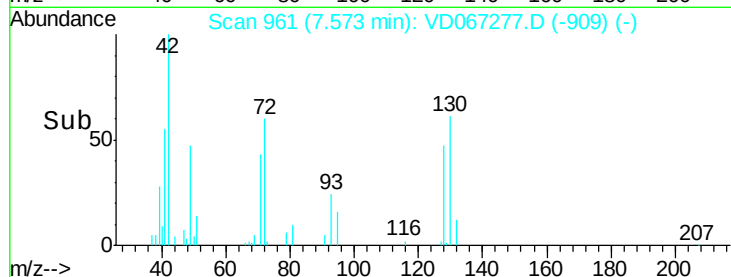
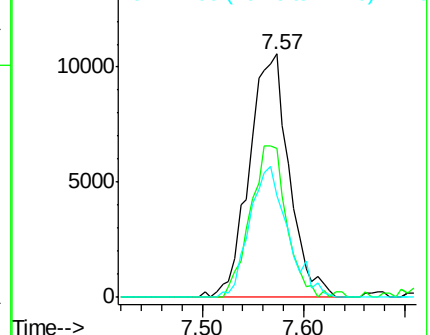
42 100

72 56.6 43.2 64.8

71 51.5 39.4 59.0



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



#30

Chloroform

Concen: 20.925 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067277.D

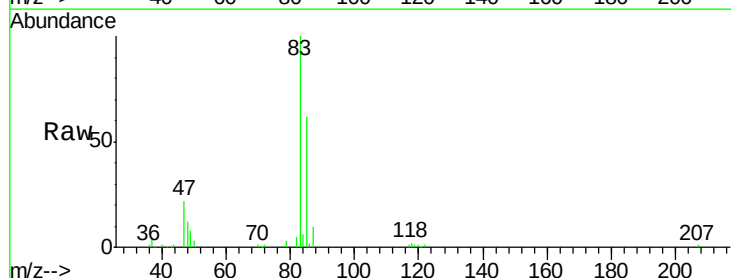
Acq: 15 Oct 2020 12:21

Tgt Ion: 83 Resp: 120676

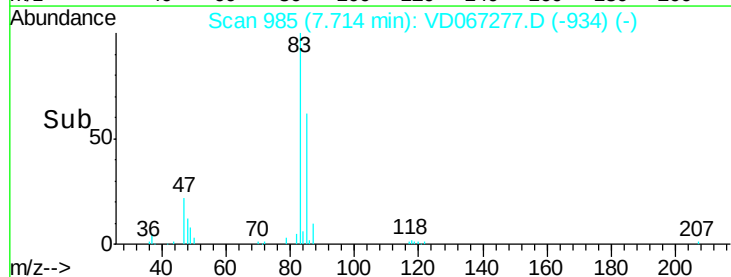
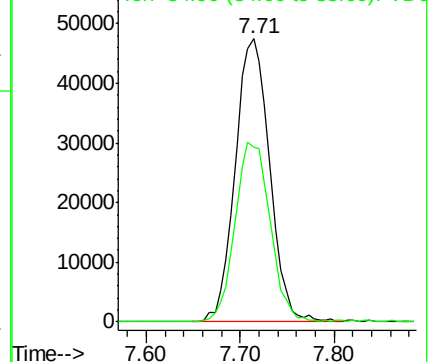
Ion Ratio Lower Upper

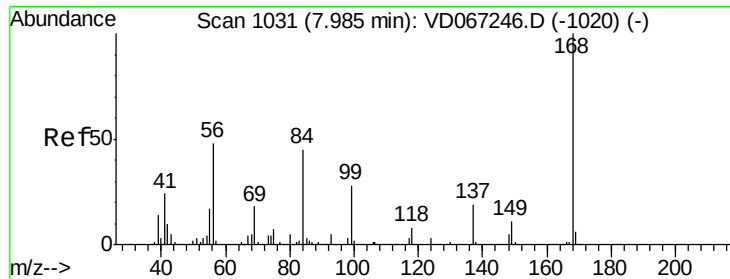
83 100

85 61.7 47.3 70.9



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

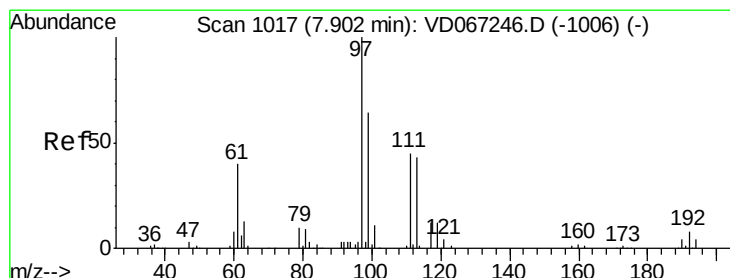
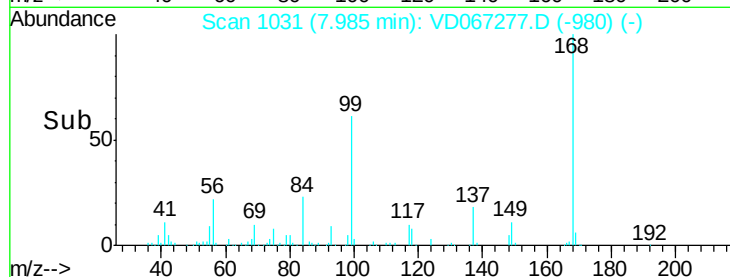
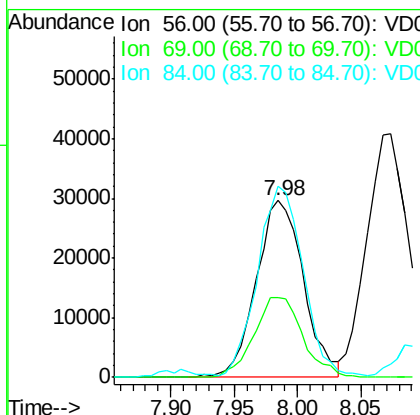
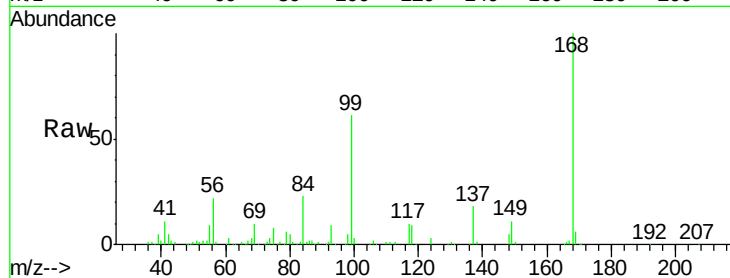




#31
Cyclohexane
Concen: 20.391 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

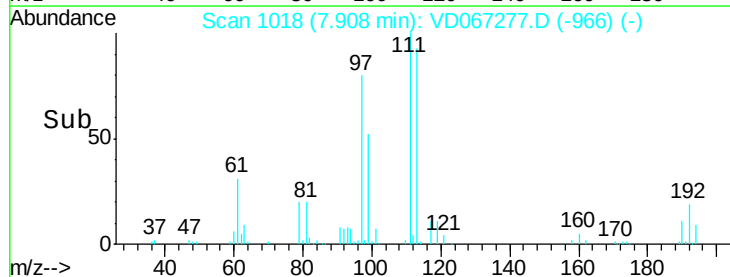
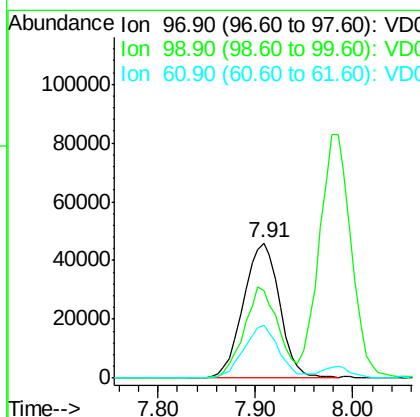
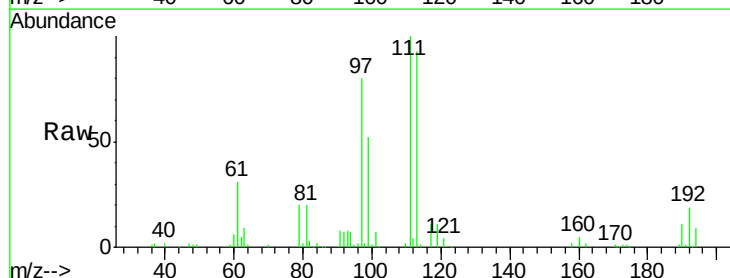
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

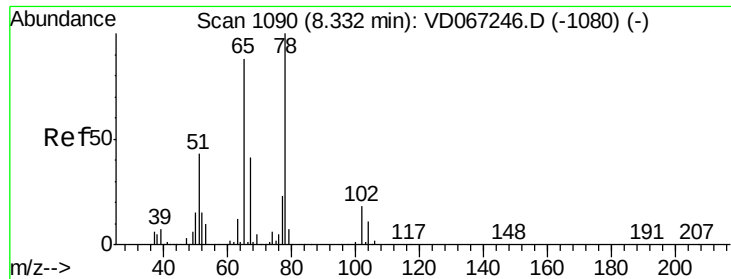
Tot Ion: 56 Resp: 76860
Ion Ratio Lower Upper
56 100
69 45.5 29.8 44.6#
84 105.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.051 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 97 Resp: 119116
Ion Ratio Lower Upper
97 100
99 64.3 50.2 75.4
61 38.2 30.5 45.7

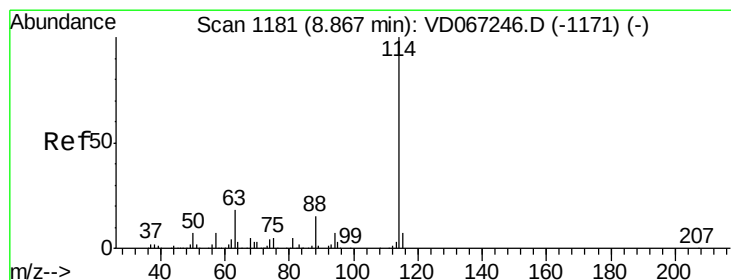
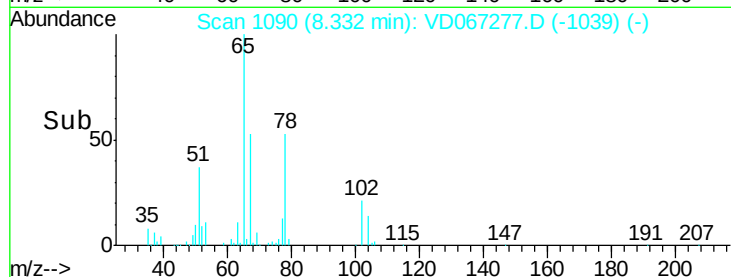
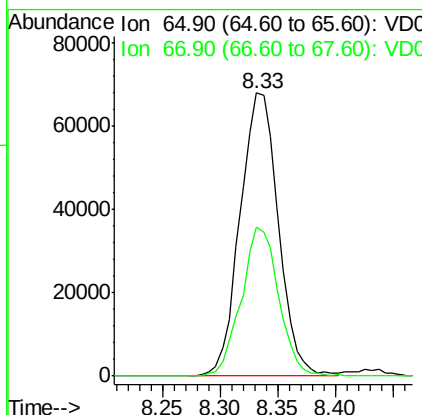
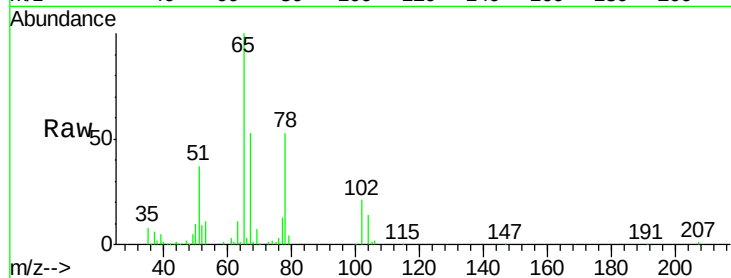




#33
 1,2-Dichloroethane-d4
 Concen: 48.060 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

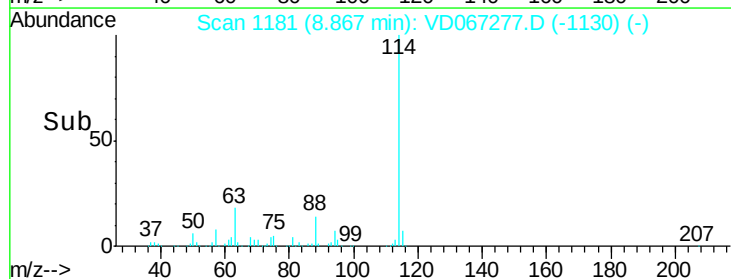
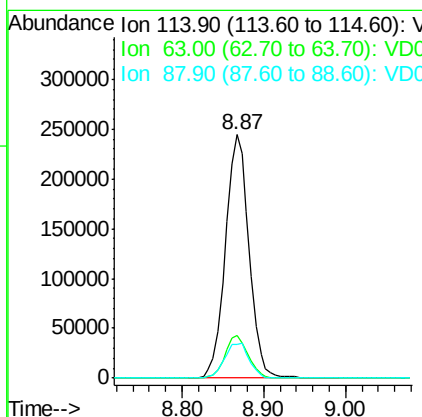
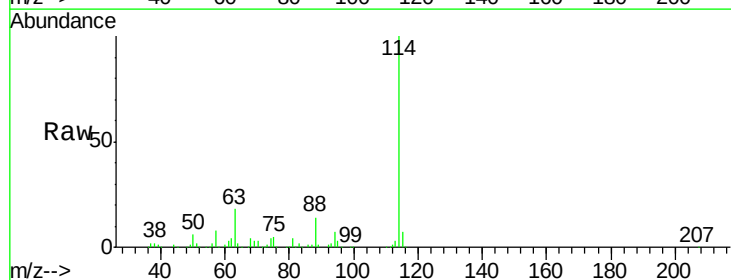
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

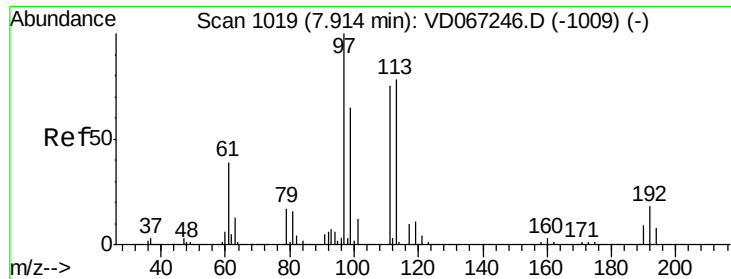
Tot Ion: 65 Resp: 157275
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion: 114 Resp: 490976
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 14.0 0.0 30.6

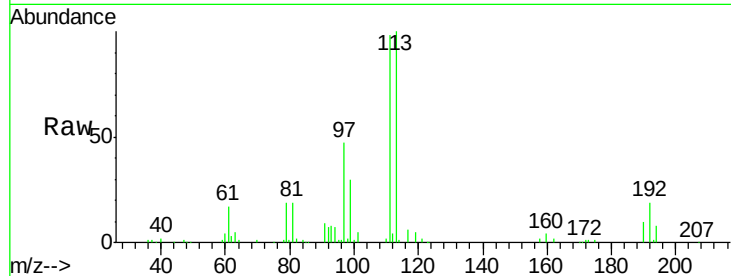




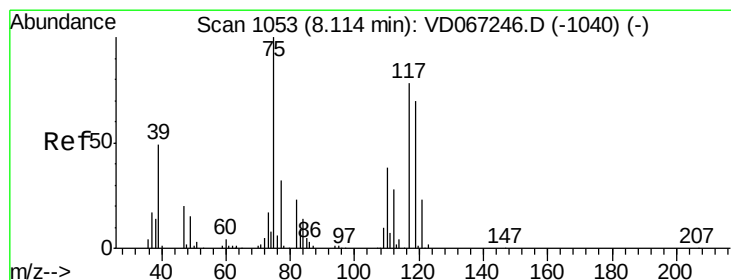
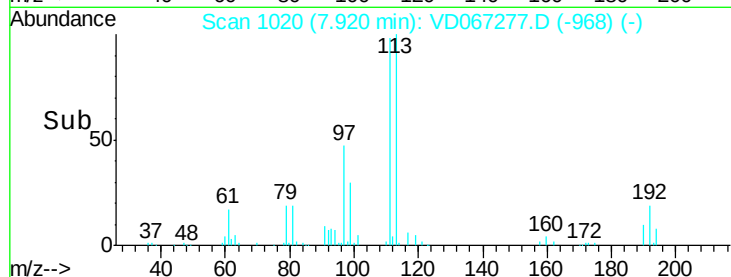
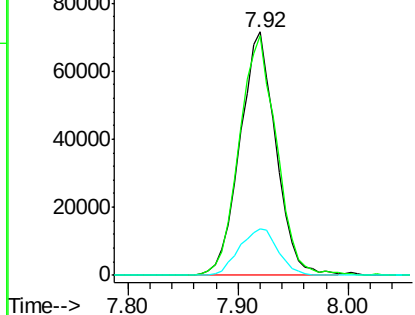
#35
Dibromofluoromethane
Concen: 49.982 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

Tot Ion:113 Resp: 163315
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 20.8 17.0 25.4

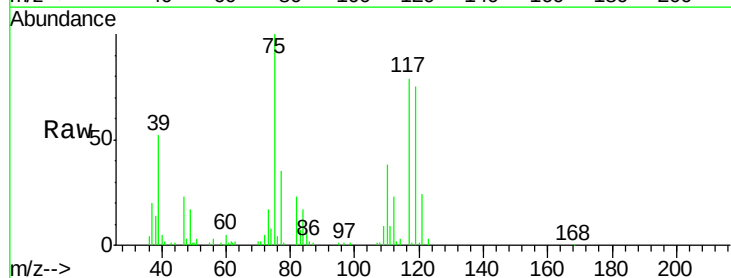


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

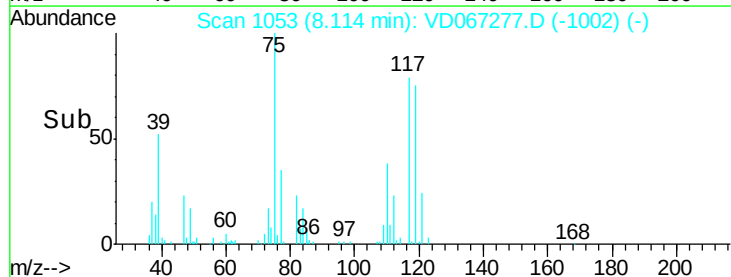
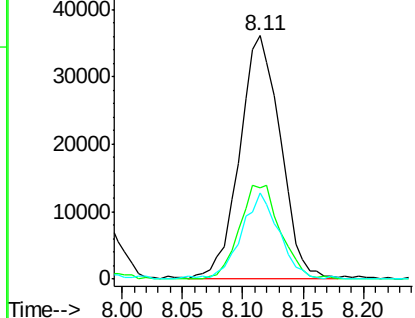


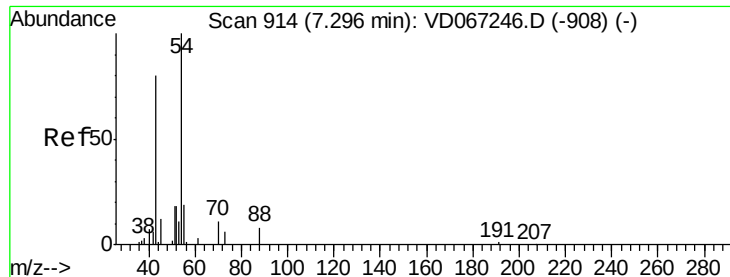
#36
1,1-Dichloropropene
Concen: 20.535 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 75 Resp: 85455
Ion Ratio Lower Upper
75 100
110 38.7 19.6 58.7
77 32.3 24.6 37.0



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

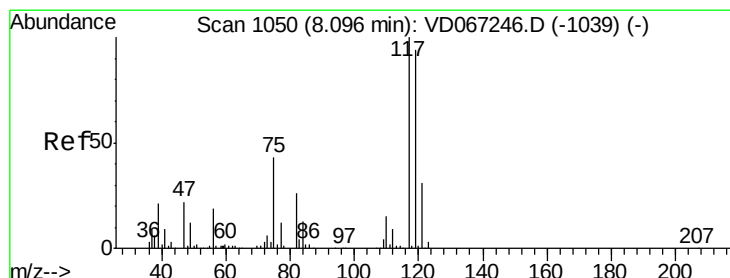
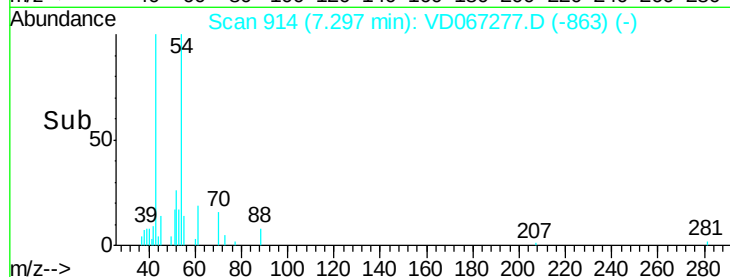
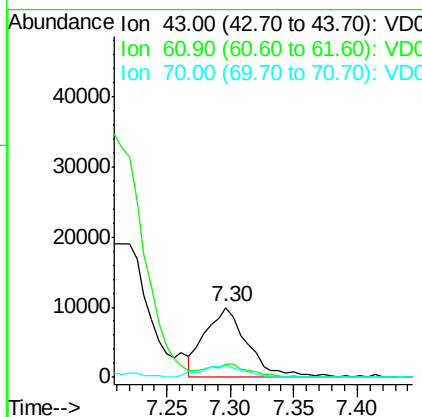
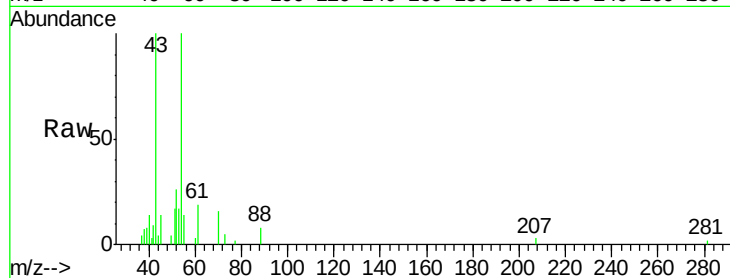




#37
Ethyl Acetate
Concen: 19.104 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

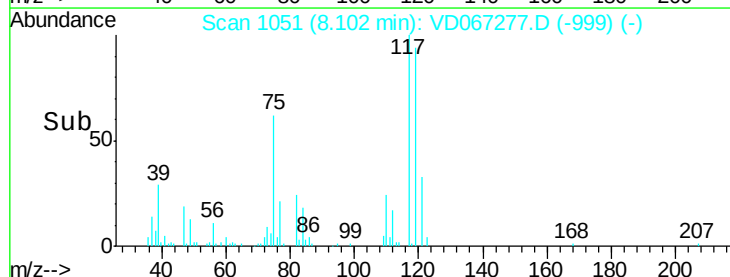
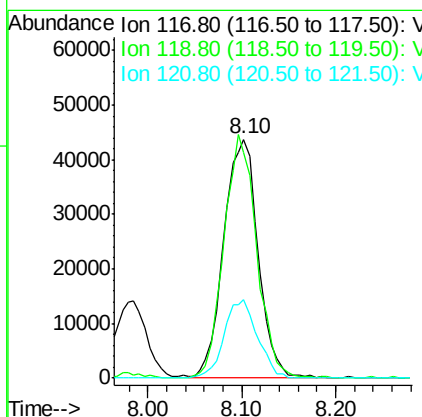
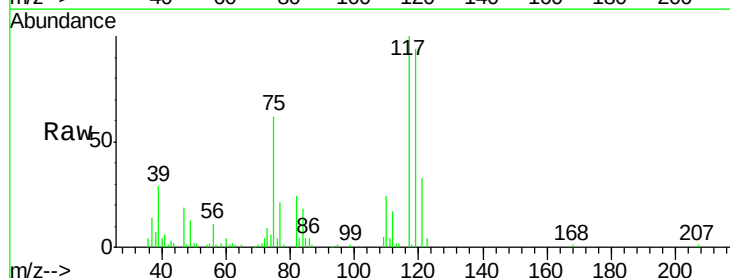
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

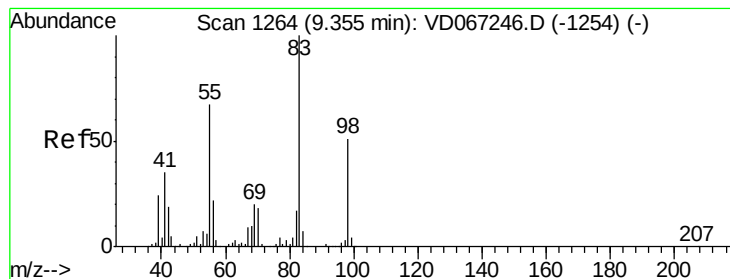
Tot Ion: 43 Resp: 23390
Ion Ratio Lower Upper
43 100
61 18.1 15.6 23.4
70 16.5 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 20.910 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 117 Resp: 111214
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.4
121 32.7 24.9 37.3





#39

Methylvlcyclohexane

Concen: 20.053 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

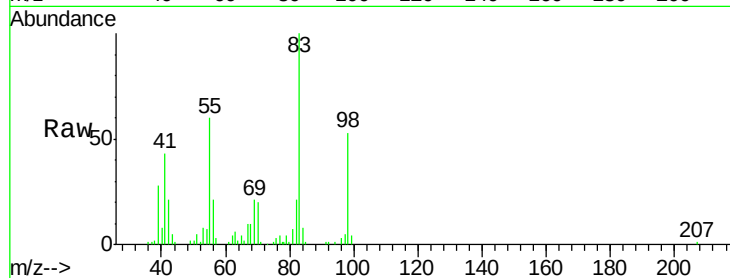
Tot Ion: 83 Resp: 87238

Ion Ratio Lower Upper

83 100

55 60.5 53.3 79.9

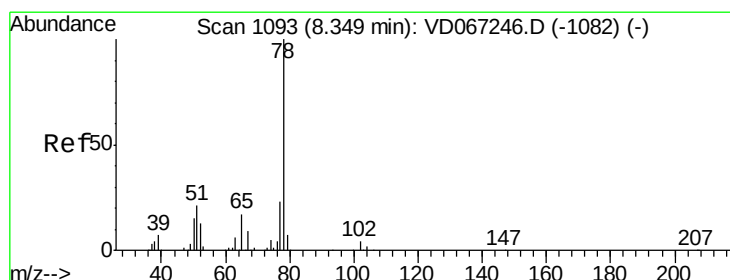
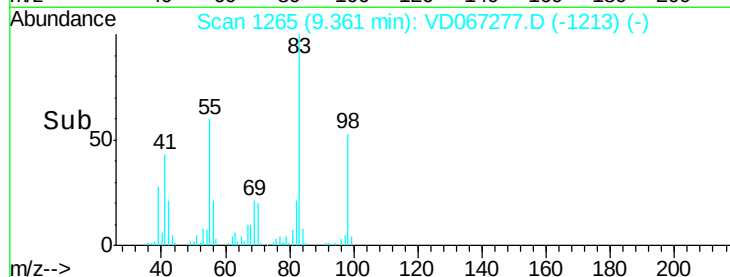
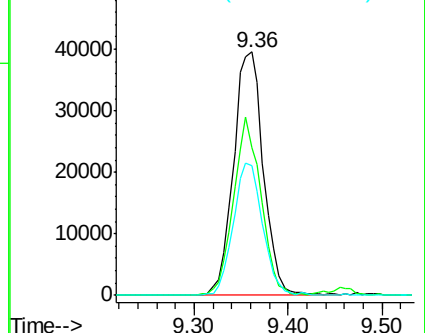
98 53.3 41.0 61.4



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: 20.714 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067277.D

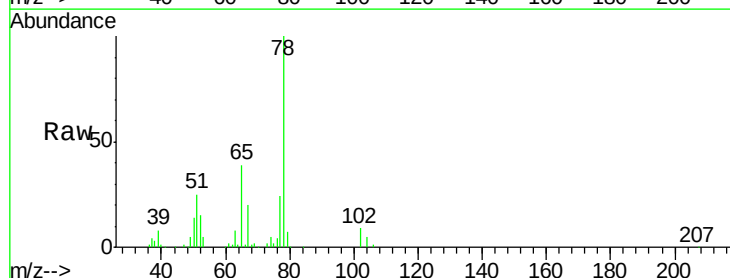
Acq: 15 Oct 2020 12:21

Tgt Ion: 78 Resp: 236474

Ion Ratio Lower Upper

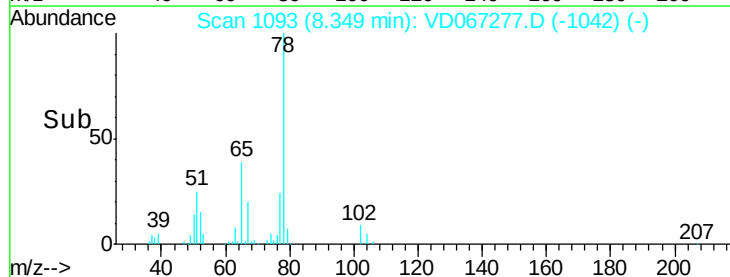
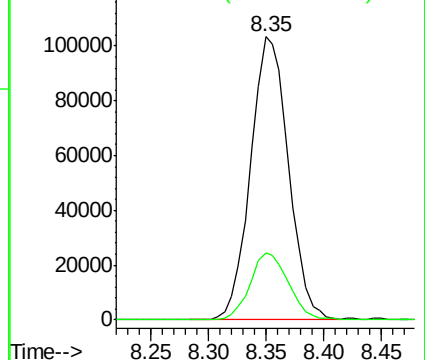
78 100

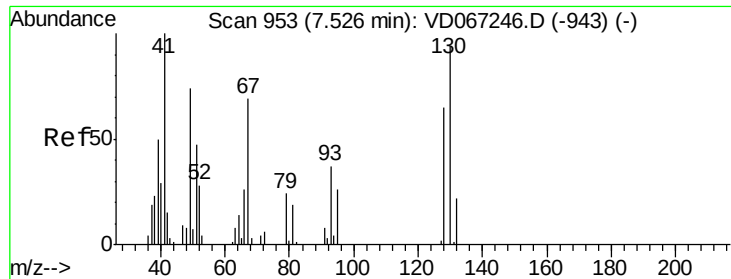
77 23.8 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 21.166 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

Tot Ion: 41 Resp: 14004

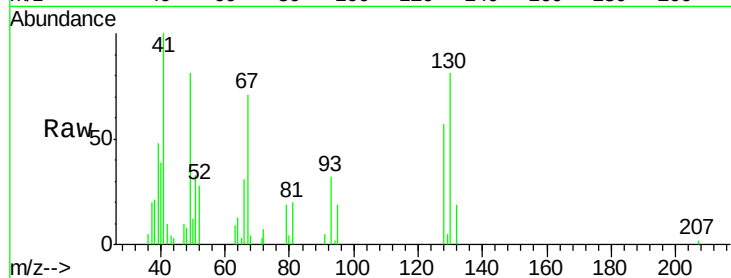
Ion Ratio Lower Upper

41 100

39 44.1 60.0 90.0#

67 84.8 88.9 133.3#

52 37.3 36.9 55.3

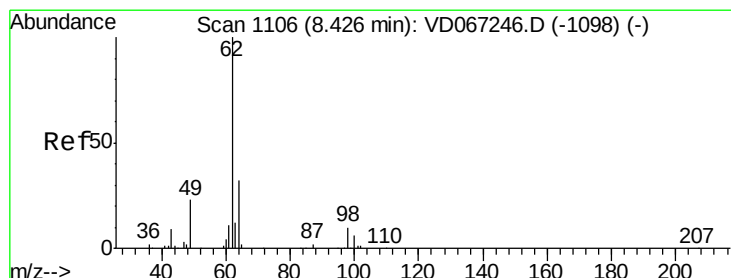
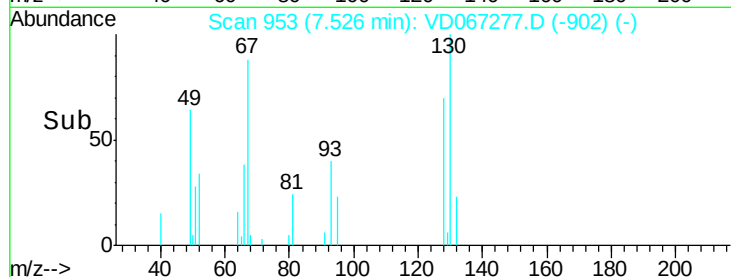
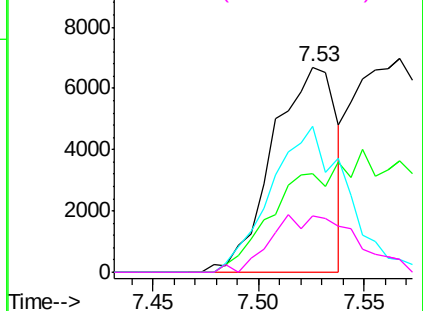


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.532 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067277.D

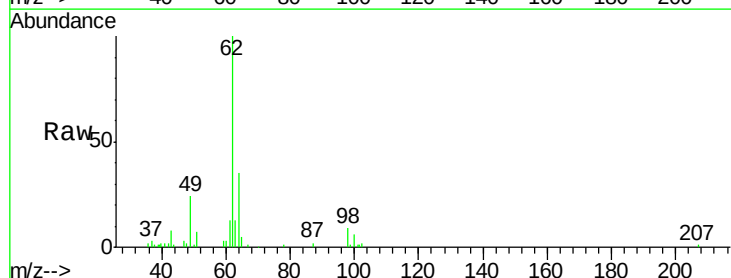
Acq: 15 Oct 2020 12:21

Tgt Ion: 62 Resp: 73353

Ion Ratio Lower Upper

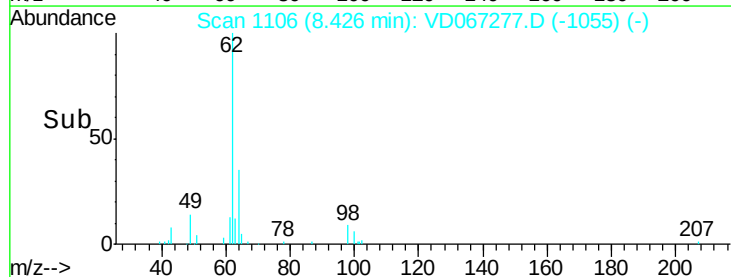
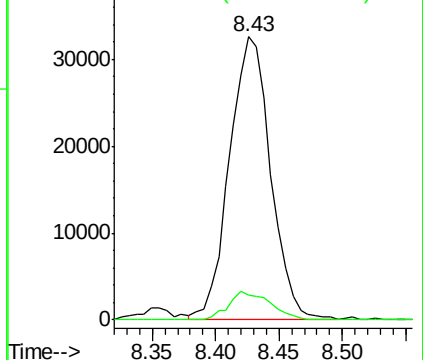
62 100

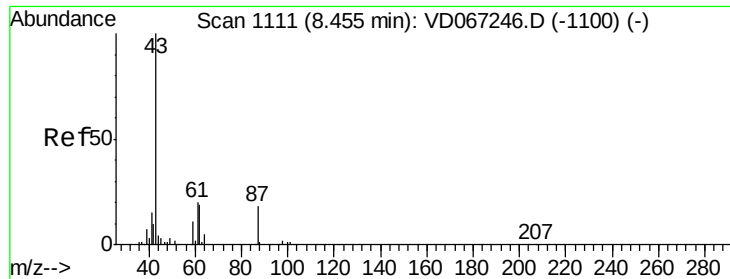
98 10.2 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.578 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

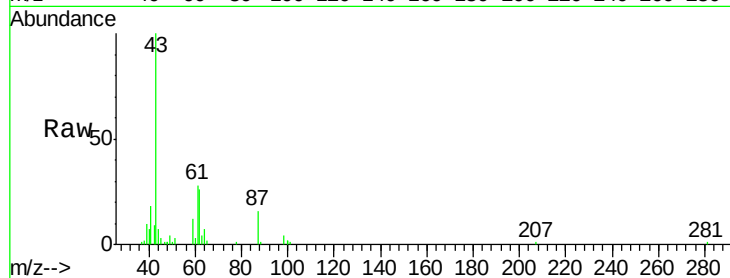
Tot Ion: 43 Resp: 47562

Ion Ratio Lower Upper

43 100

61 39.1 29.5 44.3

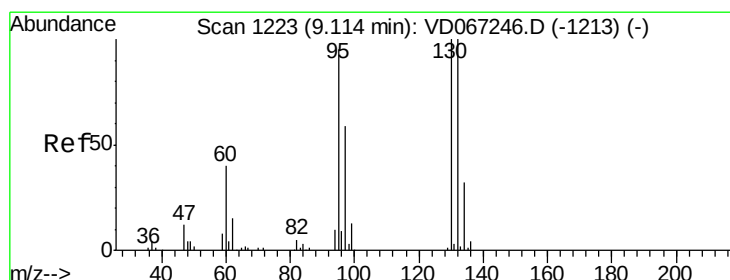
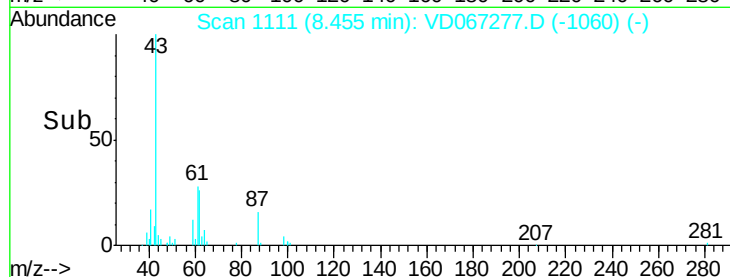
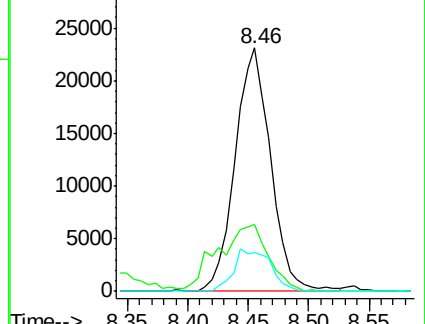
87 17.9 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.220 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067277.D

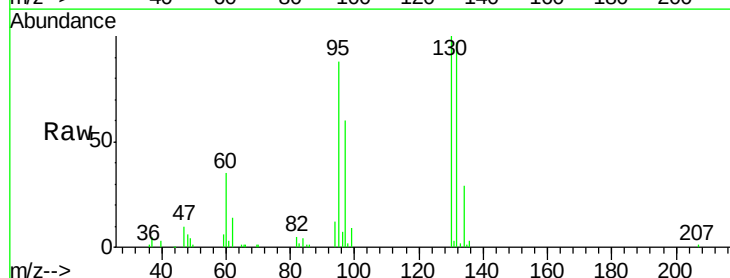
Acq: 15 Oct 2020 12:21

Tgt Ion: 130 Resp: 77564

Ion Ratio Lower Upper

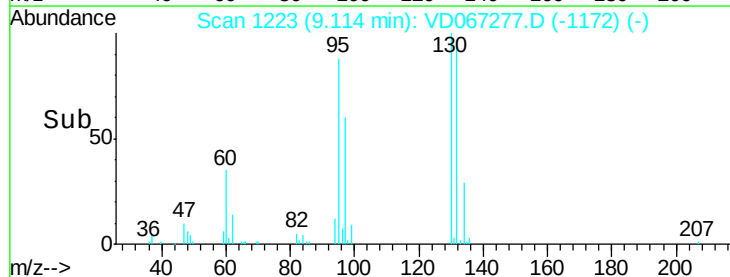
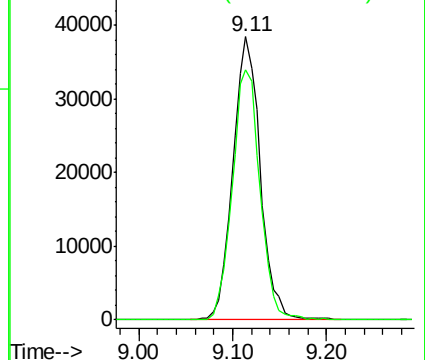
130 100

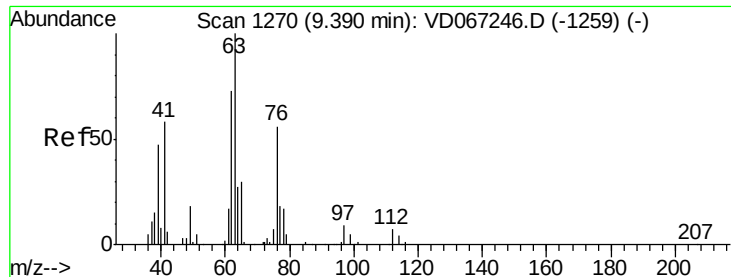
95 88.2 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

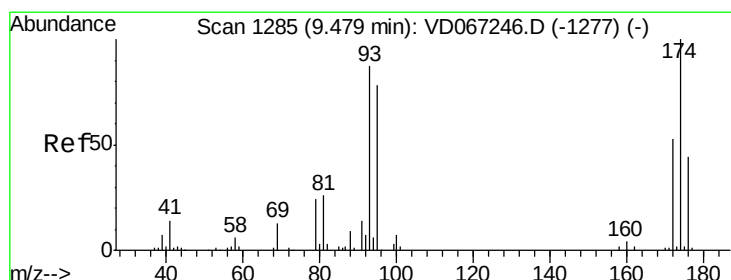
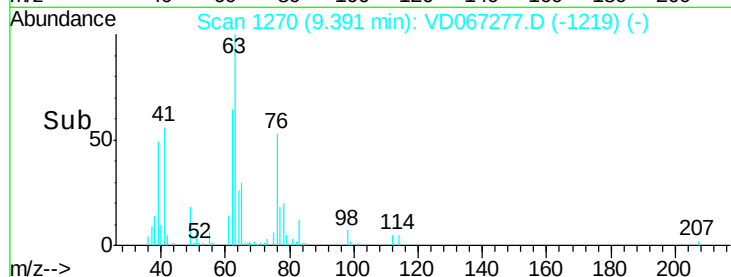
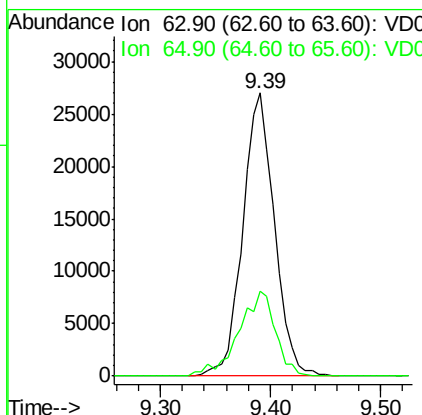
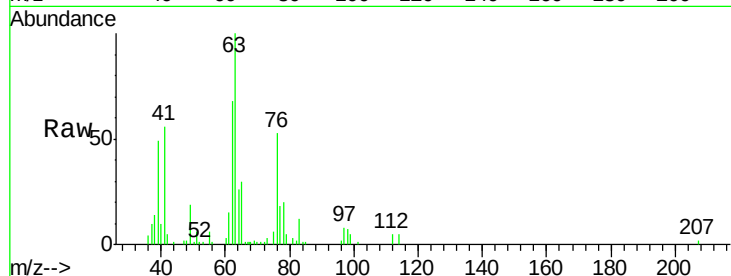




#45
 1,2-Dichloropropane
 Concen: 20.552 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

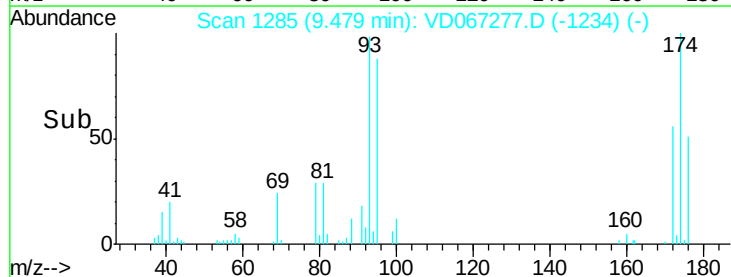
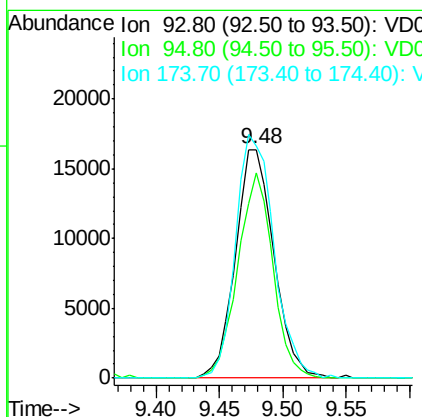
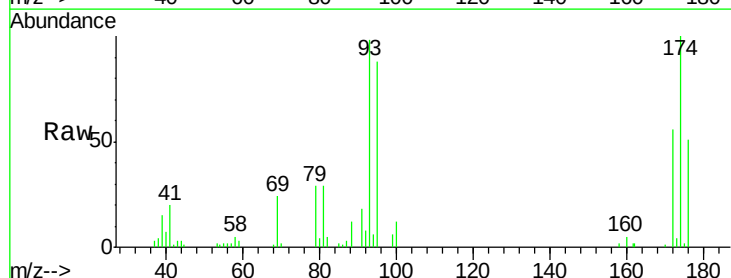
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

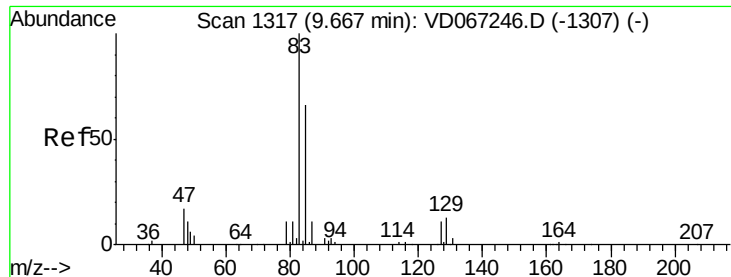
Tot Ion: 63 Resp: 54376
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8



#46
 Dibromomethane
 Concen: 20.976 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion: 93 Resp: 34579
 Ion Ratio Lower Upper
 93 100
 95 82.0 68.0 102.0
 174 106.1 91.8 137.6





#47

Bromodichloromethane

Concen: 20.296 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

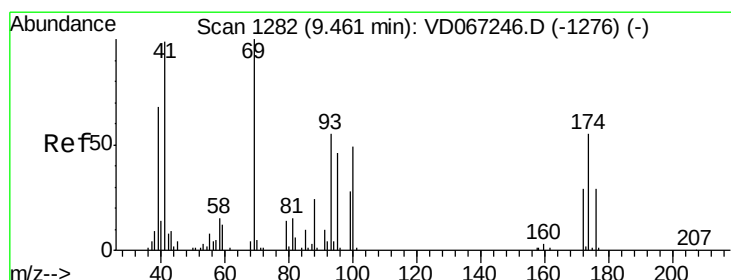
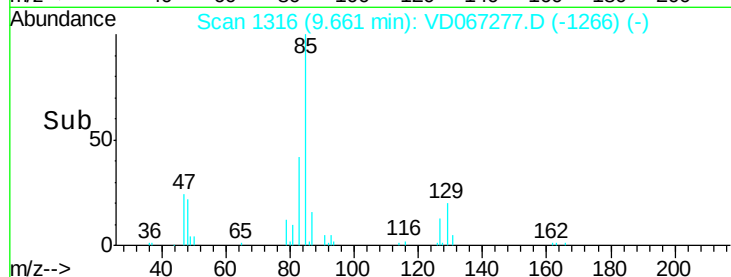
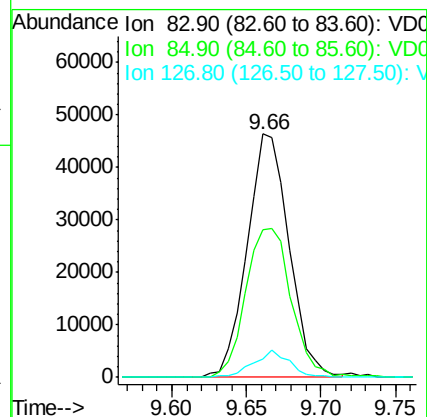
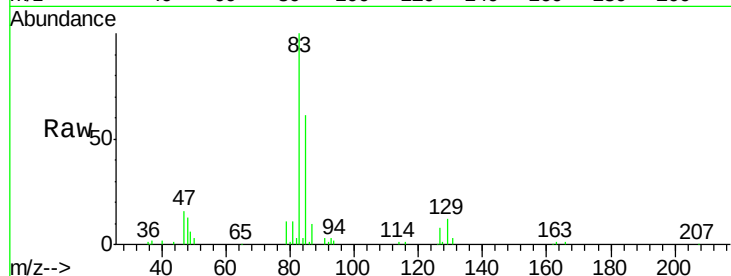
Tot Ion: 83 Resp: 89641

Ion Ratio Lower Upper

83 100

85 60.8 53.1 79.7

127 7.5 8.6 13.0#



#48

Methyl methacrylate

Concen: 18.921 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

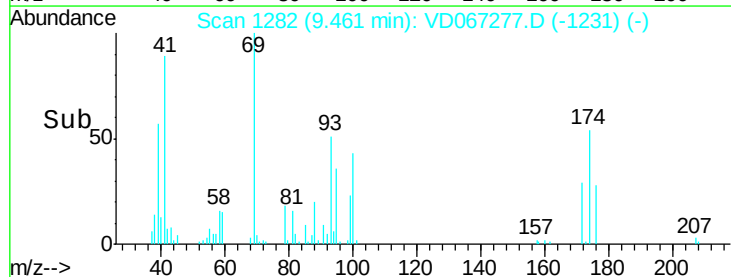
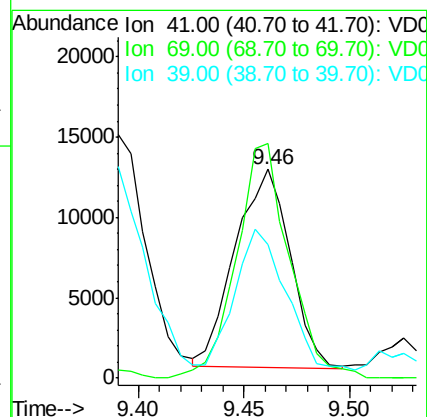
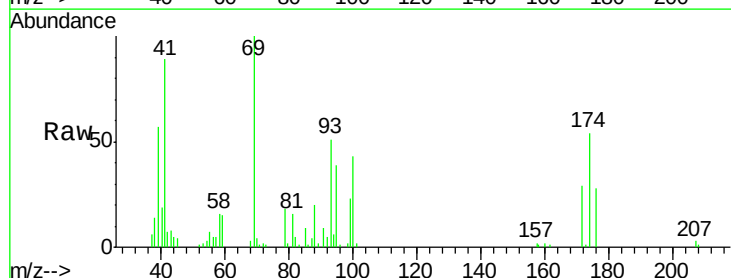
Tgt Ion: 41 Resp: 22339

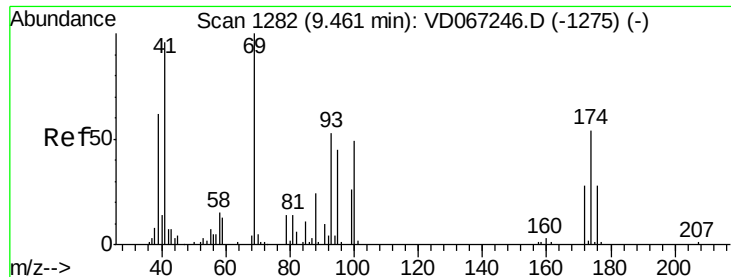
Ion Ratio Lower Upper

41 100

69 113.4 89.0 133.6

39 74.8 60.2 90.2

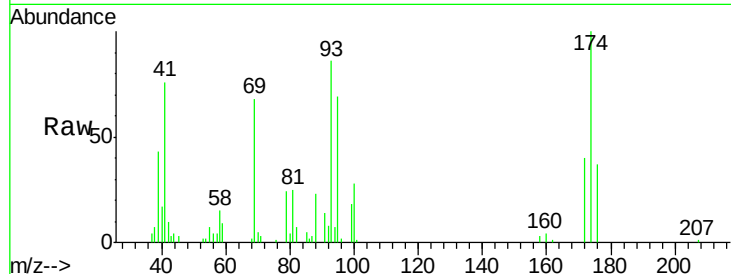




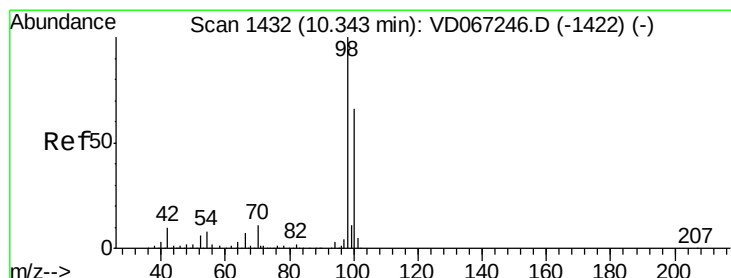
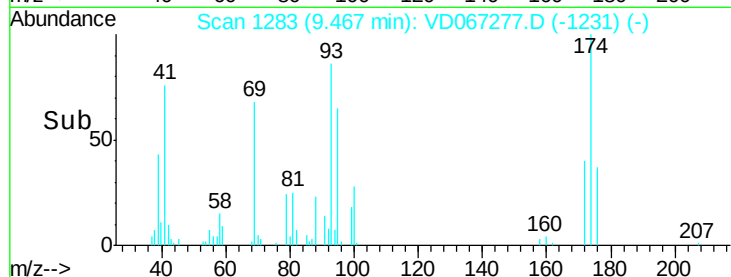
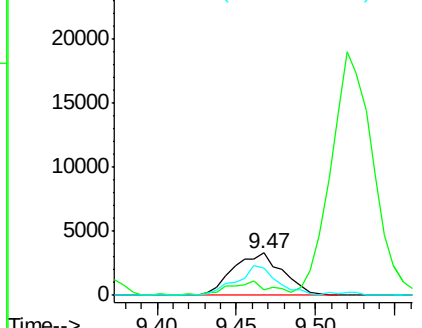
#49
1,4-Dioxane
Concen: 436.089 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

Tot Ion: 88 Resp: 7230
Ion Ratio Lower Upper
88 100
43 29.1 23.9 35.9
58 55.8 51.0 76.6

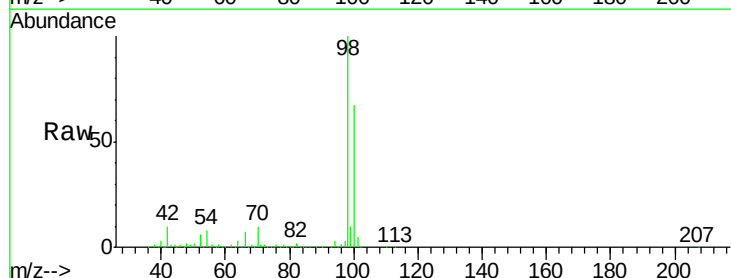


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

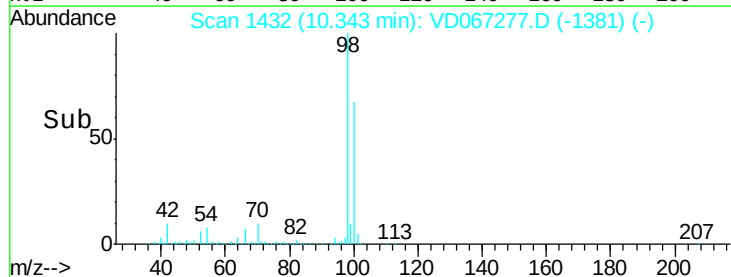
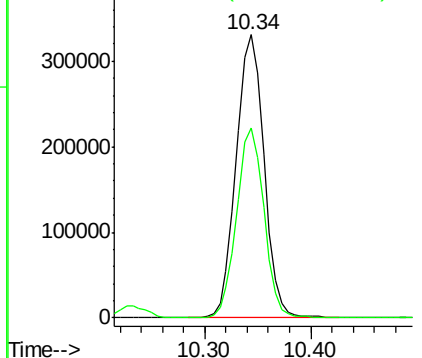


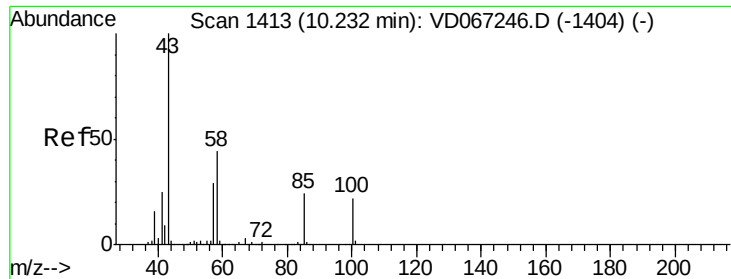
#50
Toluene-d8
Concen: 51.216 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 98 Resp: 605613
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 100.221 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

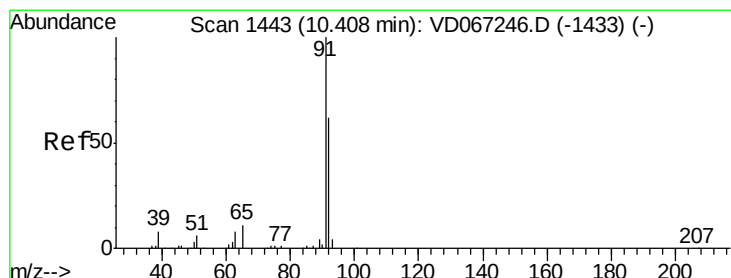
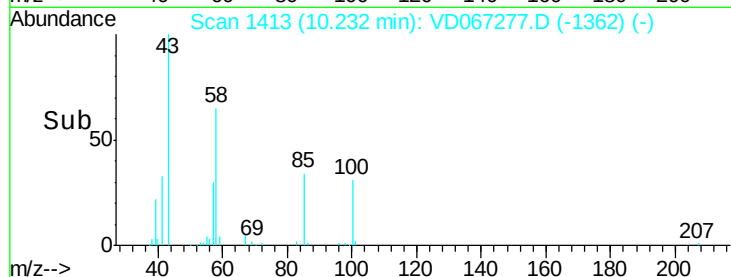
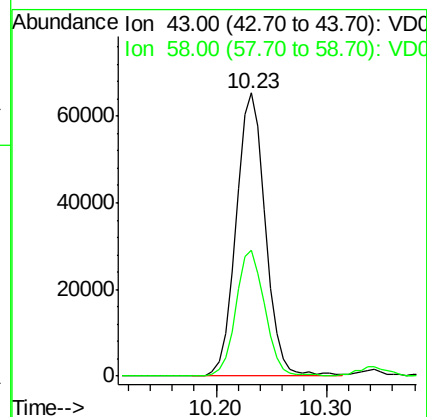
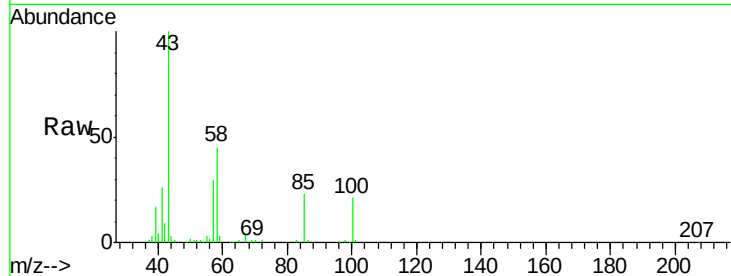
VD1015SBS01

Tot Ion: 43 Resp: 121440

Ion Ratio Lower Upper

43 100

58 44.2 35.7 53.5



#52

Toluene

Concen: 21.321 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067277.D

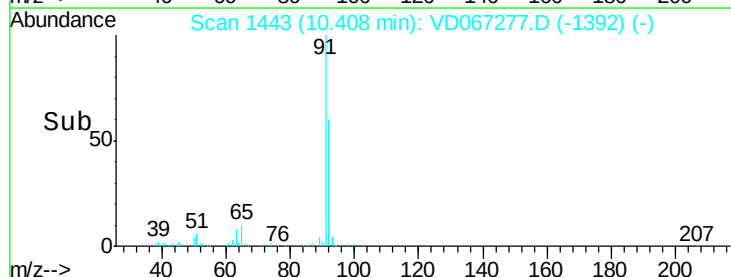
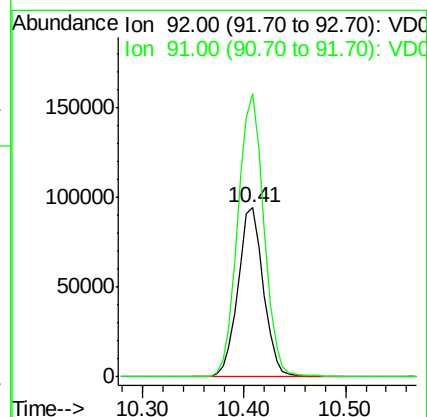
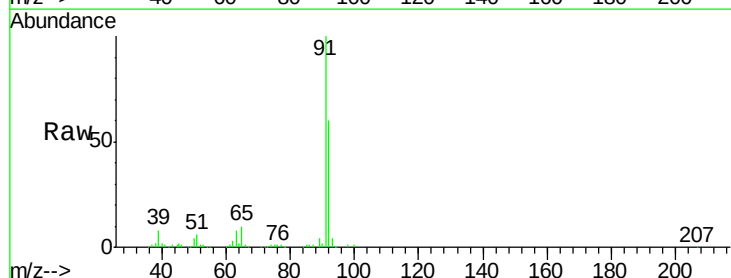
Acq: 15 Oct 2020 12:21

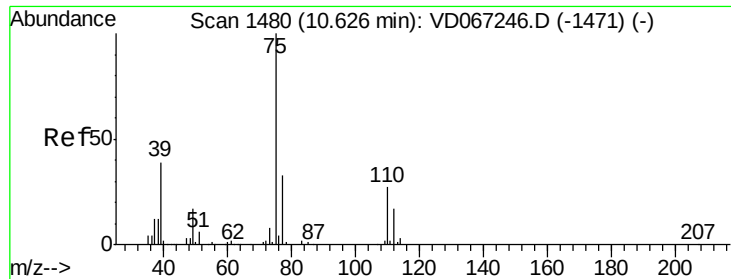
Tgt Ion: 92 Resp: 165786

Ion Ratio Lower Upper

92 100

91 170.6 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 20.842 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

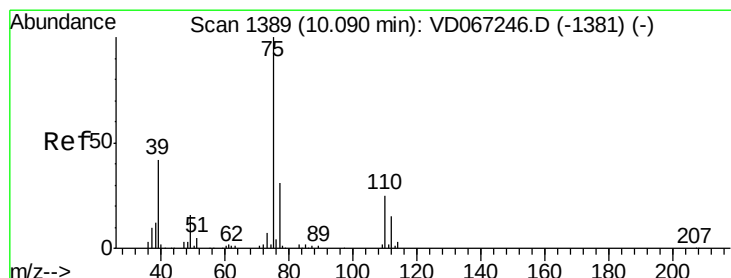
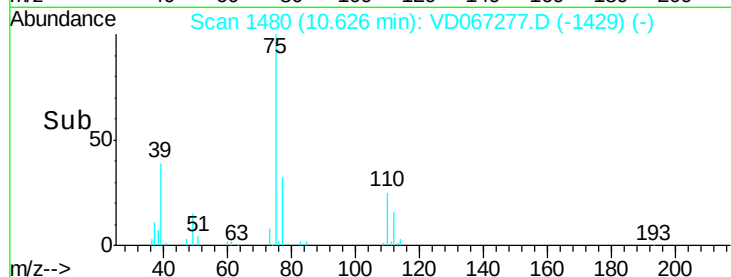
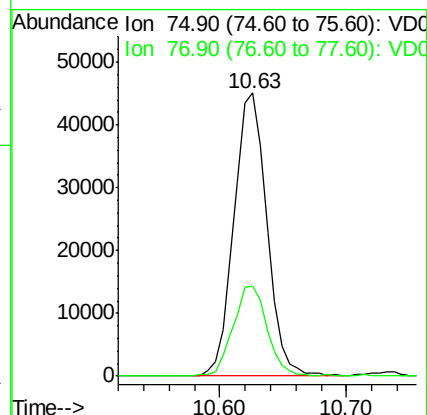
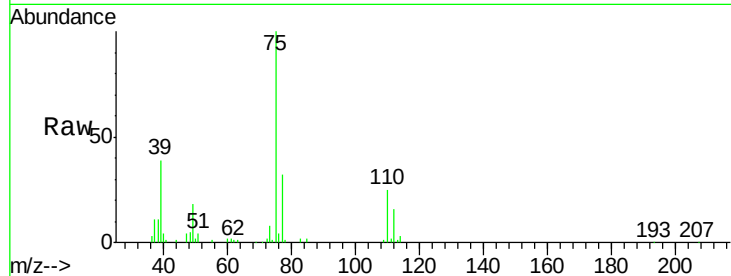
VD1015SBS01

Tot Ion: 75 Resp: 80864

Ion Ratio Lower Upper

75 100

77 31.7 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.367 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

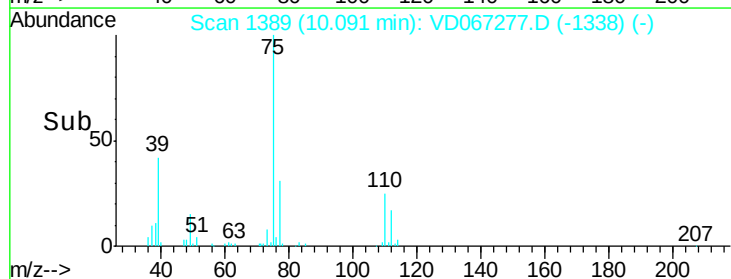
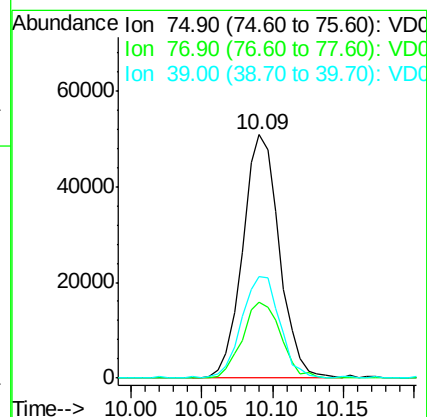
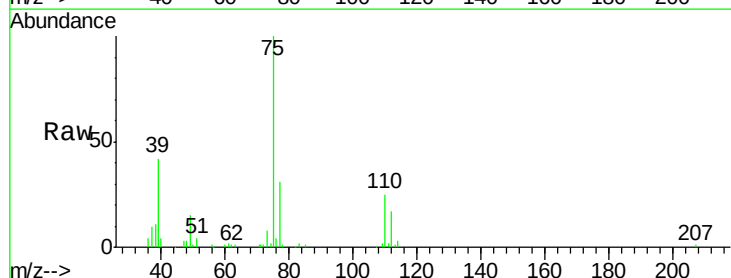
Tgt Ion: 75 Resp: 92476

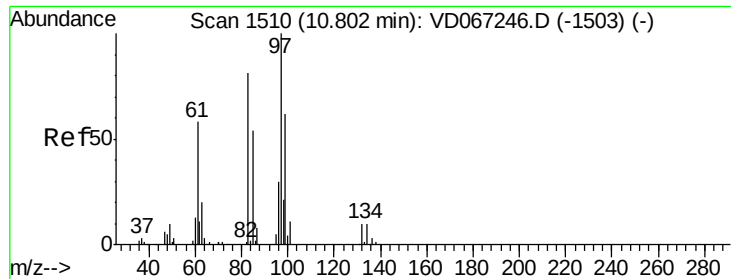
Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

39 41.0 33.7 50.5

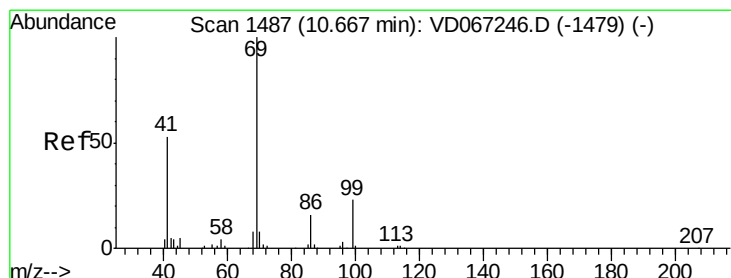
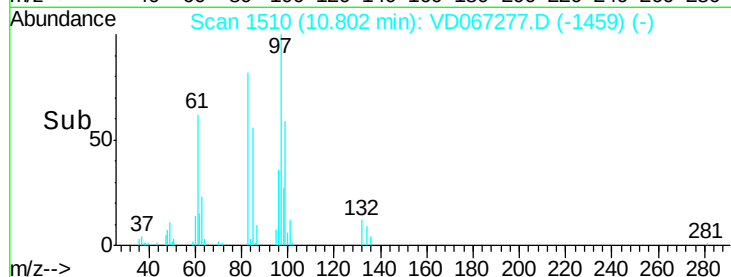
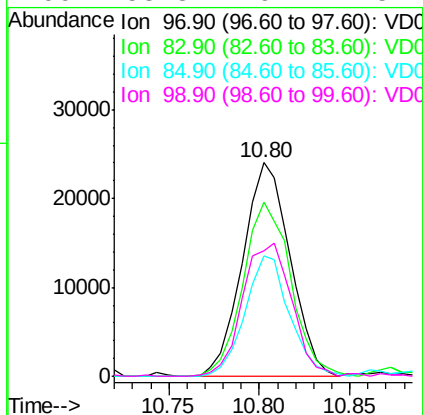
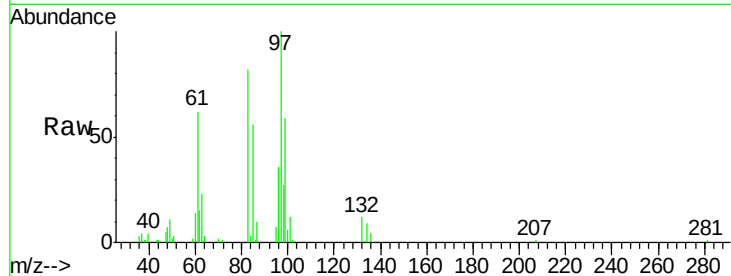




#55
 1,1,2-Trichloroethane
 Concen: 19.503 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

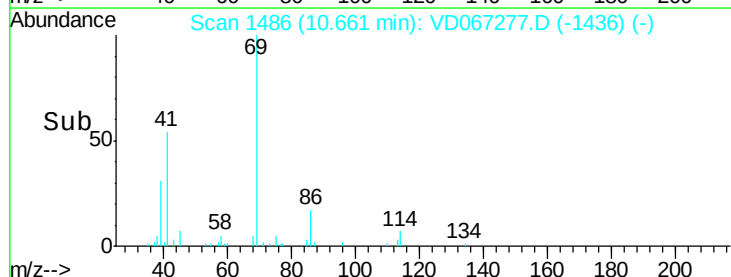
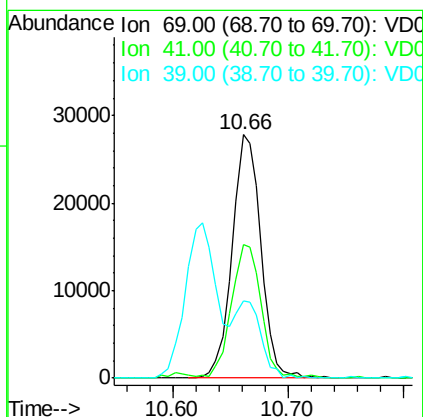
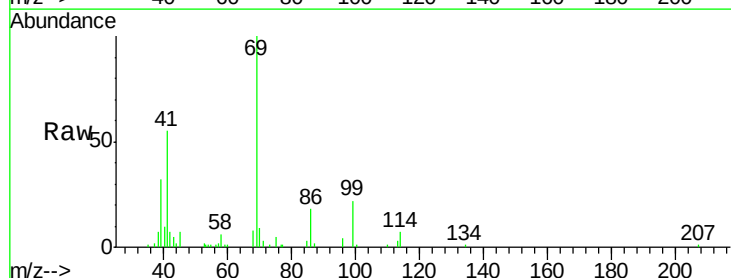
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

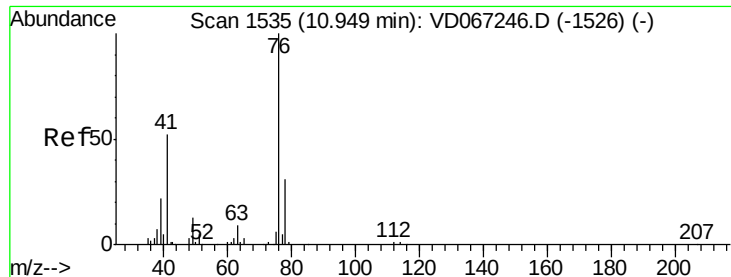
Tot Ion:	97	Resp:	43840
Ion	Ratio	Lower	Upper
97	100		
83	81.7	64.9	97.3
85	56.3	43.3	64.9
99	58.8	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 20.483 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion:	69	Resp:	47753
Ion	Ratio	Lower	Upper
69	100		
41	57.3	44.7	67.1
39	28.6	26.2	39.2





#57

1,3-Dichloropropane

Concen: 20.486 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

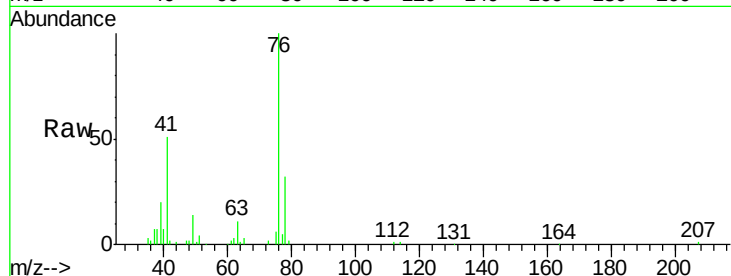
VD1015SBS01

Tot Ion: 76 Resp: 73285

Ion Ratio Lower Upper

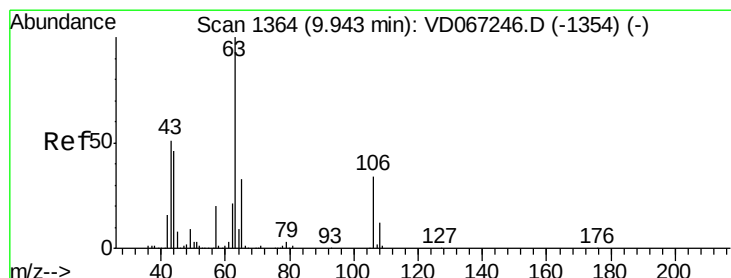
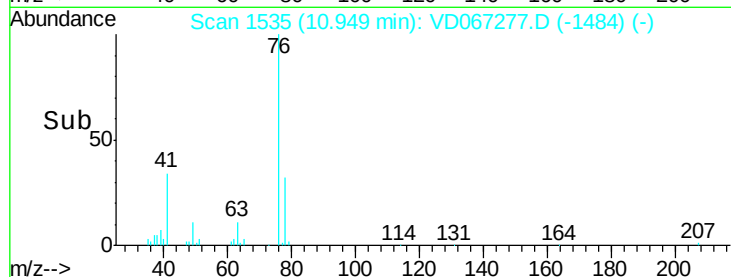
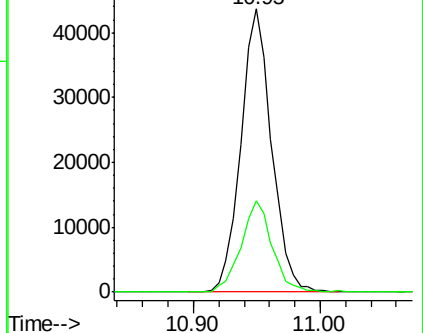
76 100

78 32.5 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 102.913 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067277.D

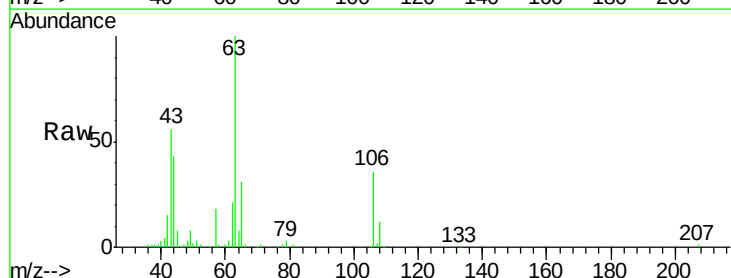
Acq: 15 Oct 2020 12:21

Tgt Ion: 63 Resp: 123080

Ion Ratio Lower Upper

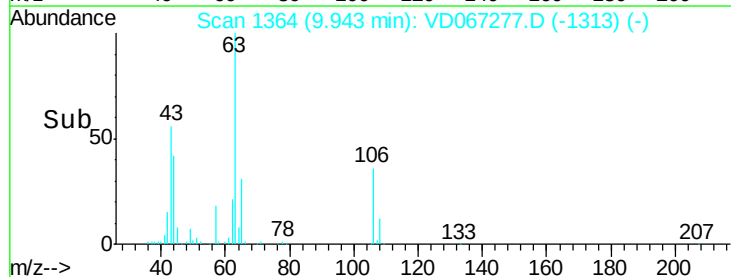
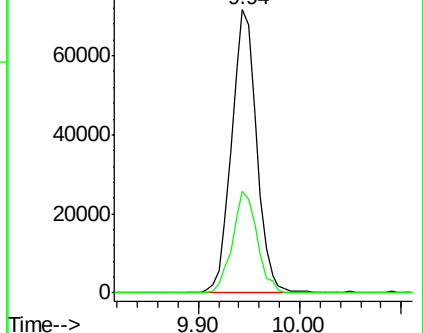
63 100

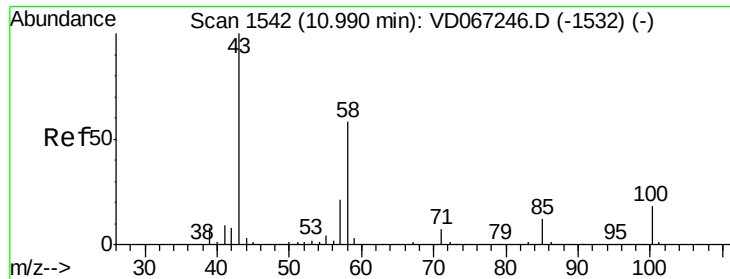
106 35.4 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

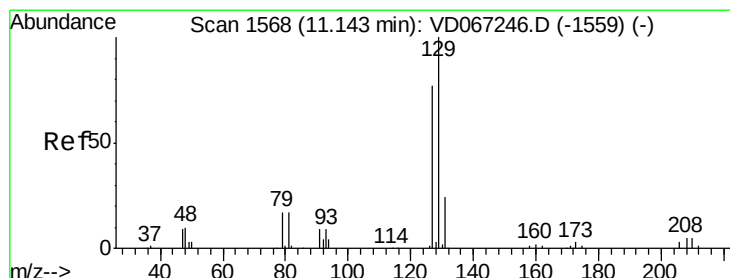
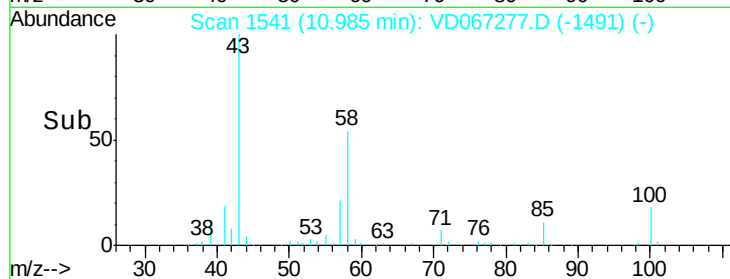
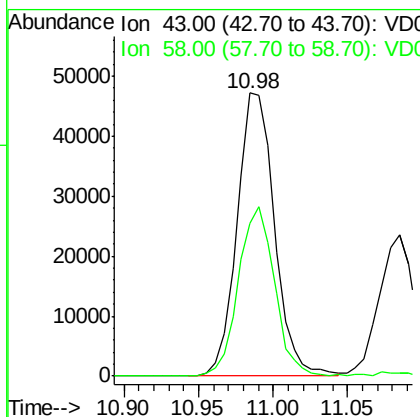
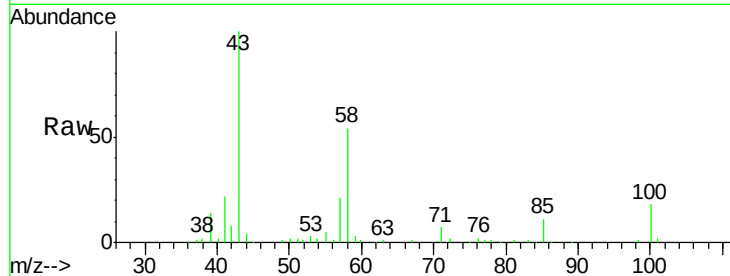




#59
2-Hexanone
Concen: 99.483 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

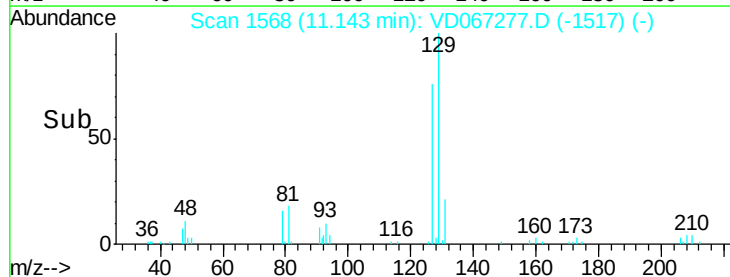
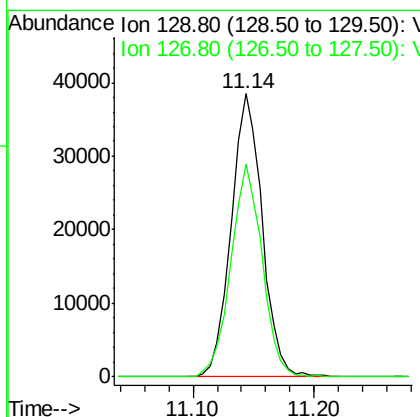
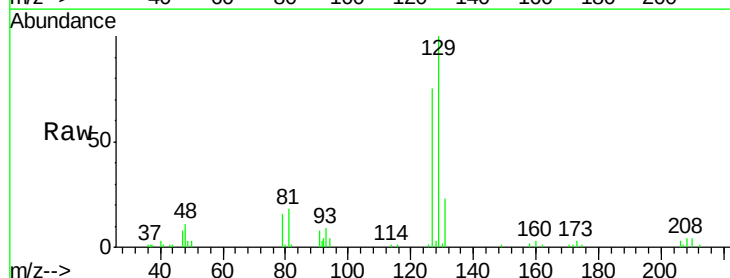
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBSD01

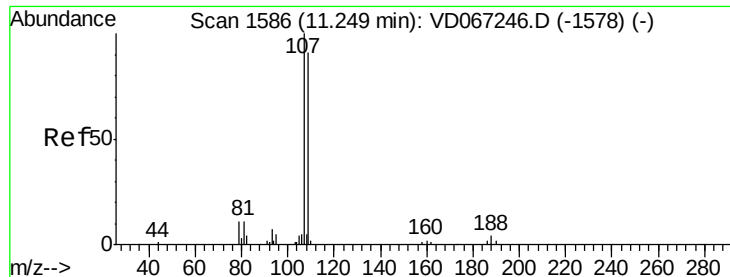
Tot Ion: 43 Resp: 82372
Ion Ratio Lower Upper
43 100
58 57.7 29.3 87.9



#60
Dibromochloromethane
Concen: 21.003 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 129 Resp: 68854
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.609 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

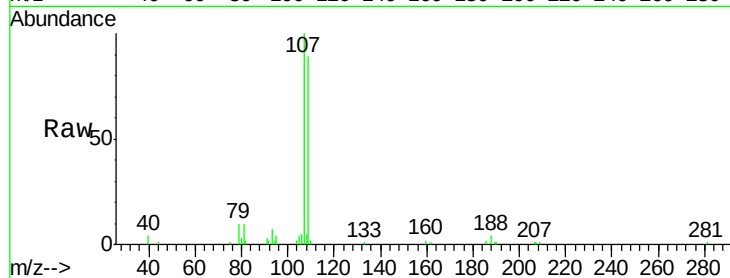
VD1015SBSD01

Tot Ion:107 Resp: 45671

Ion Ratio Lower Upper

107 100

109 90.3 74.6 112.0

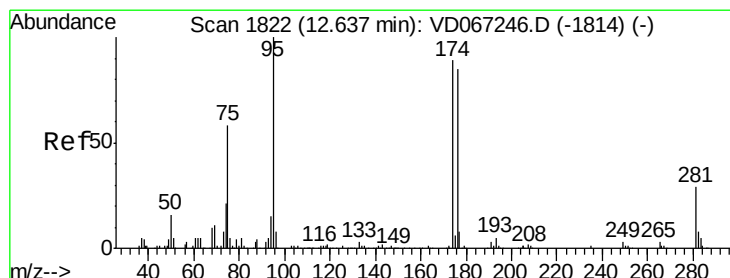
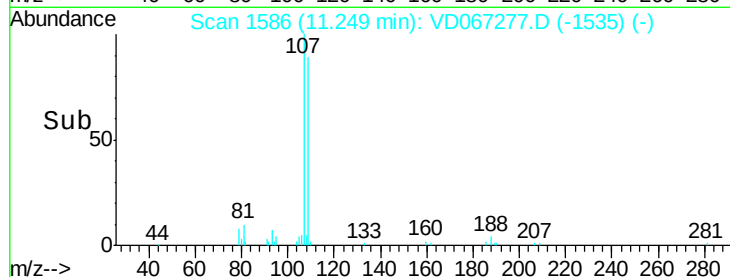


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

Time-->



#62

4-Bromofluorobenzene

Concen: 51.382 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

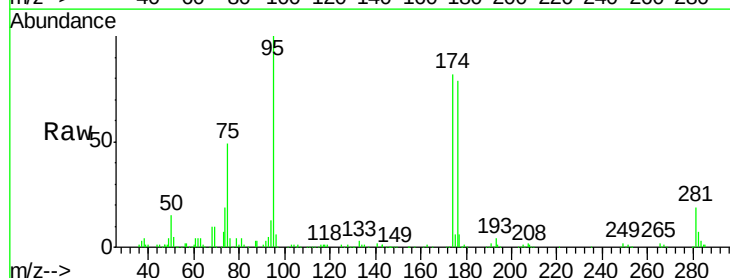
Tgt Ion: 95 Resp: 211267

Ion Ratio Lower Upper

95 100

174 84.3 0.0 175.2

176 82.9 0.0 168.6



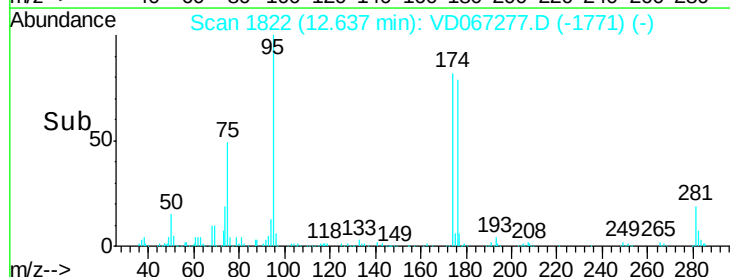
Abundance Ion 94.90 (94.60 to 95.60): V

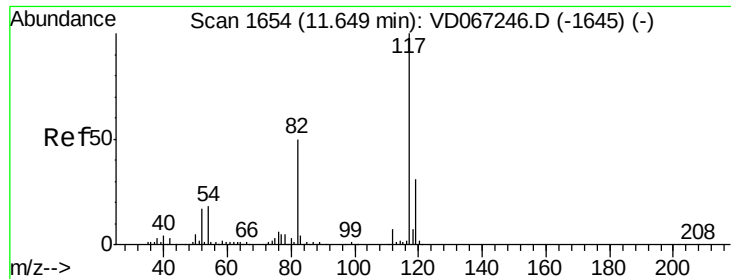
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->

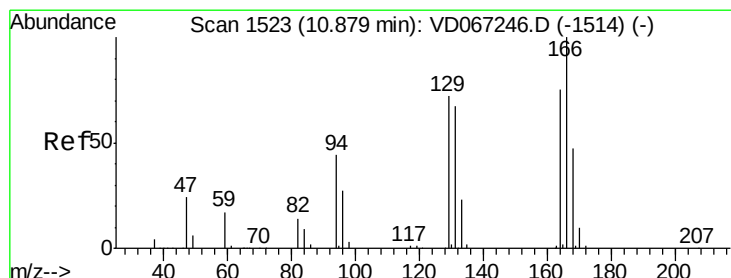
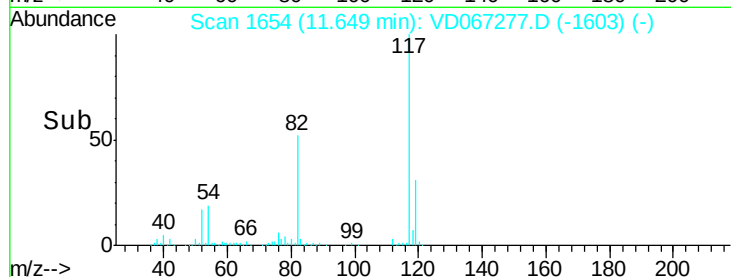
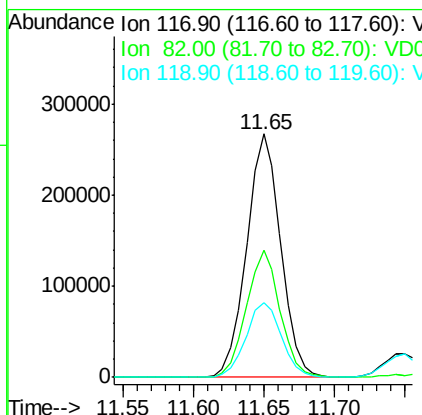
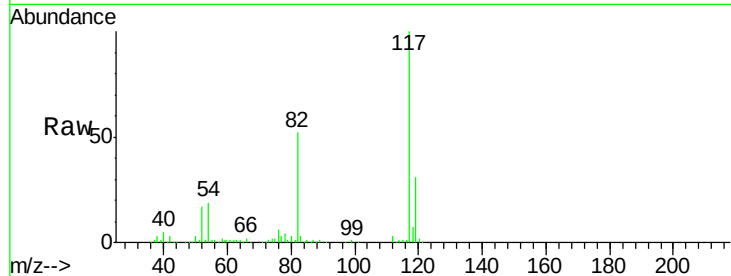




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

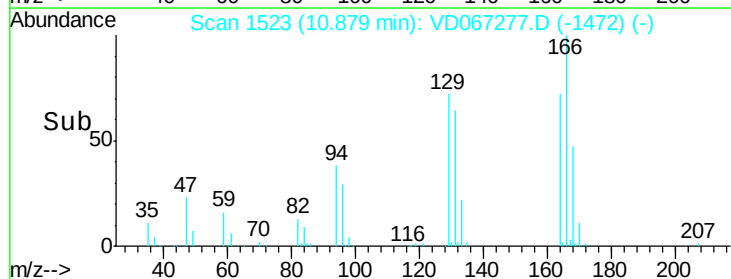
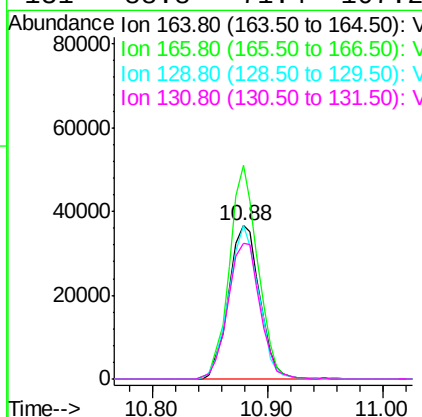
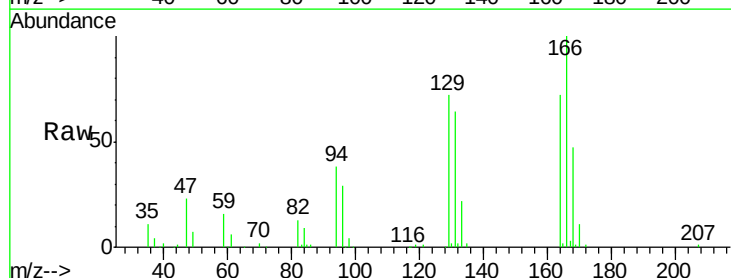
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

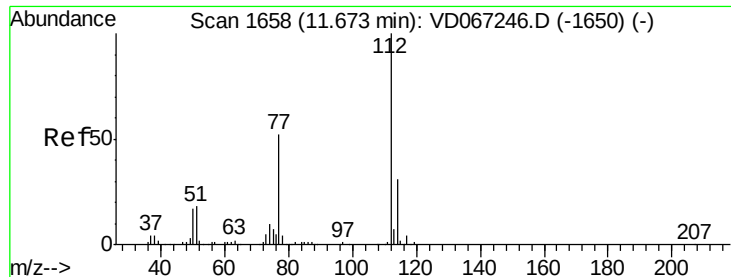
Tot Ion:117 Resp: 452730
Ion Ratio Lower Upper
117 100
82 52.0 39.9 59.9
119 30.8 24.9 37.3



#64
Tetrachloroethene
Concen: 20.754 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion:164 Resp: 68077
Ion Ratio Lower Upper
164 100
166 139.5 107.3 160.9
129 100.1 77.3 115.9
131 88.8 71.4 107.2

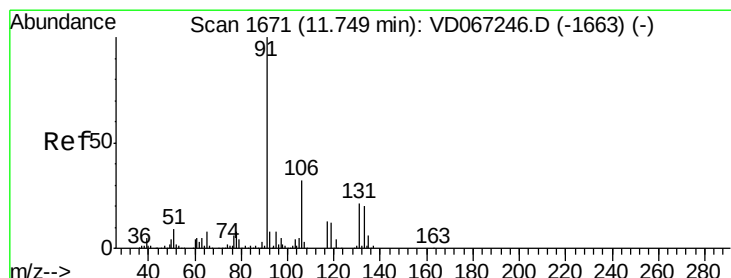
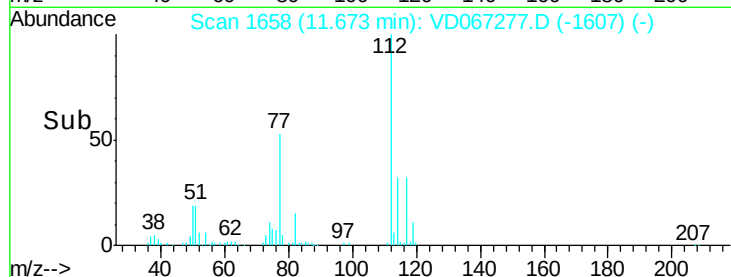
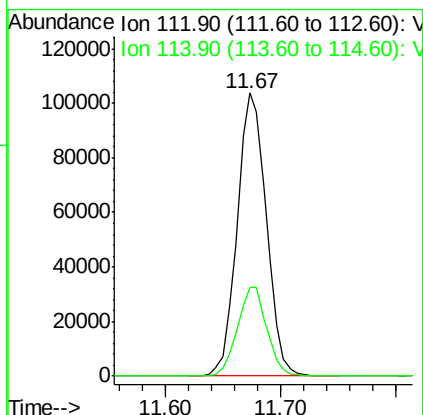
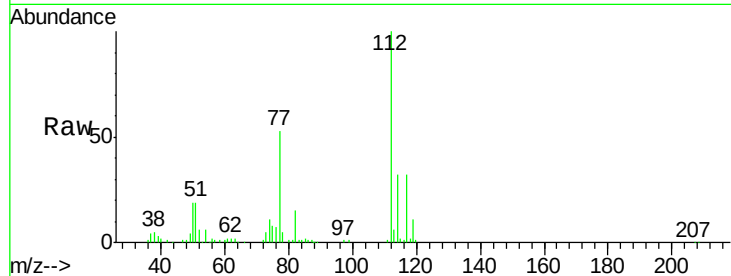




#65
Chlorobenzene
Concen: 20.885 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

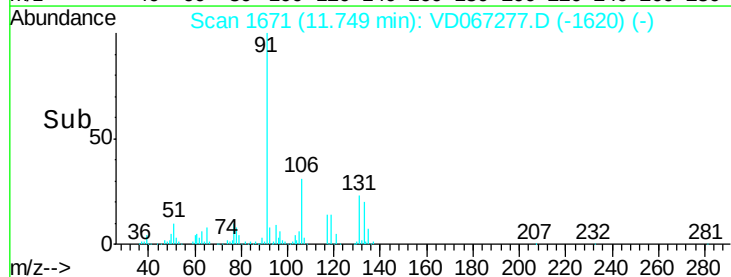
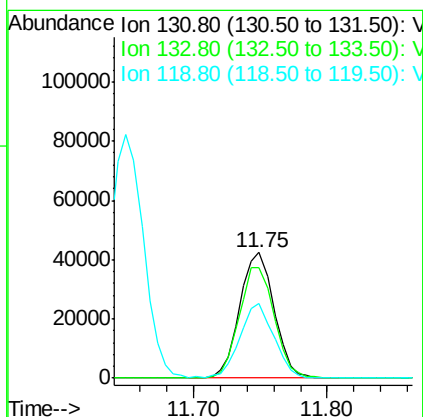
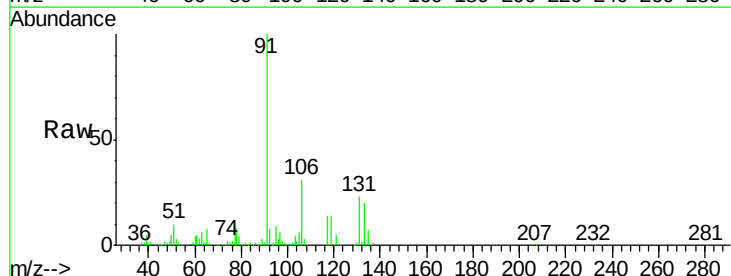
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

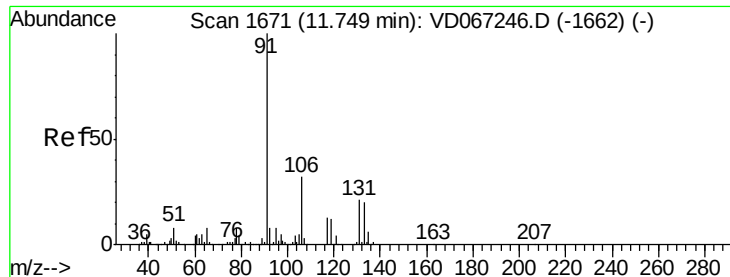
Tot Ion:112 Resp: 181316
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.027 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion:131 Resp: 76003
Ion Ratio Lower Upper
131 100
133 89.9 48.1 144.3
119 58.4 30.0 90.0





#67

Ethyl Benzene

Concen: 20.738 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

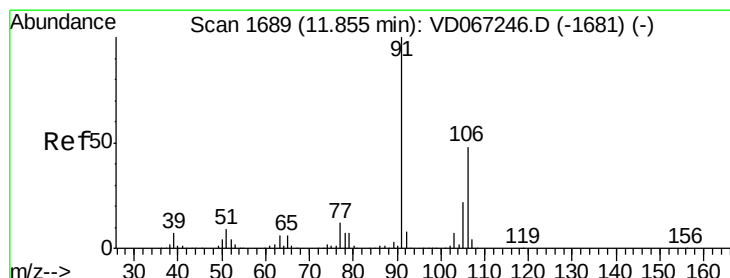
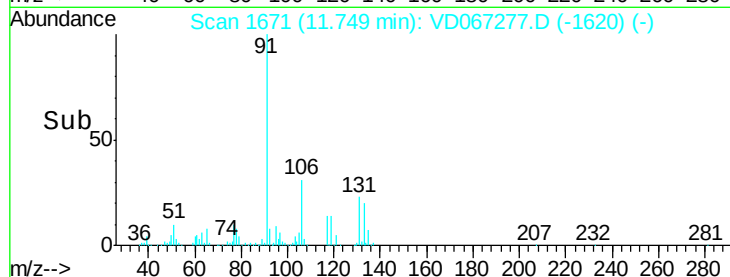
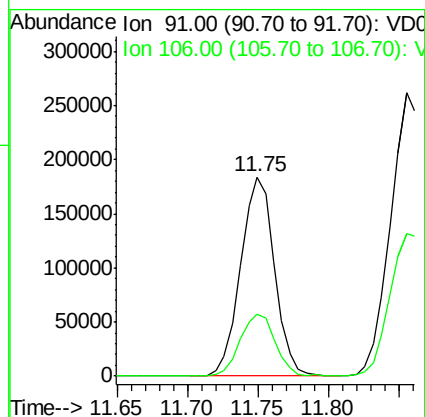
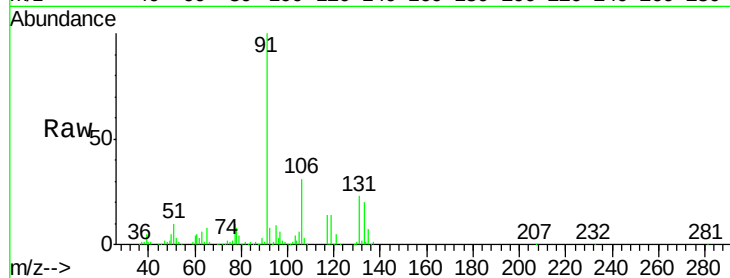
VD1015SBS01

Tot Ion: 91 Resp: 308618

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



#68

m/p-Xylenes

Concen: 44.227 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067277.D

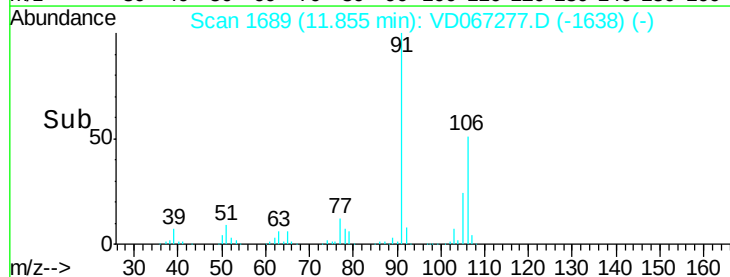
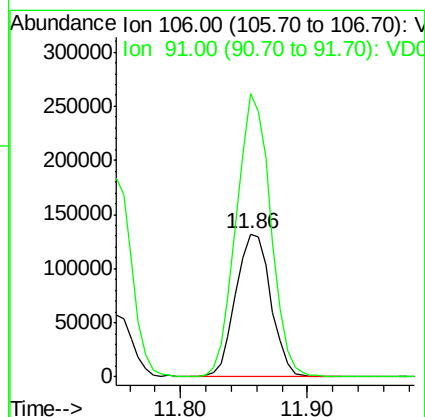
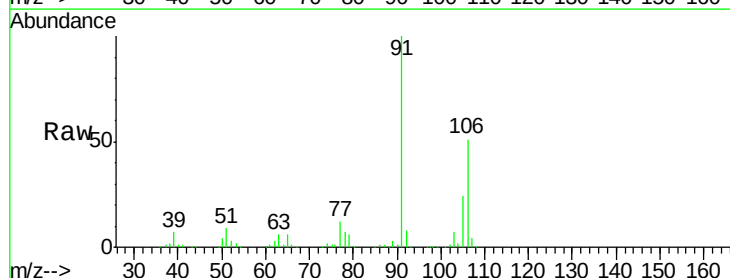
Acq: 15 Oct 2020 12:21

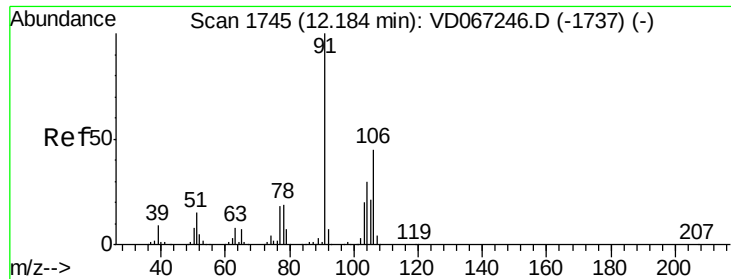
Tgt Ion: 106 Resp: 253454

Ion Ratio Lower Upper

106 100

91 194.4 163.8 245.8

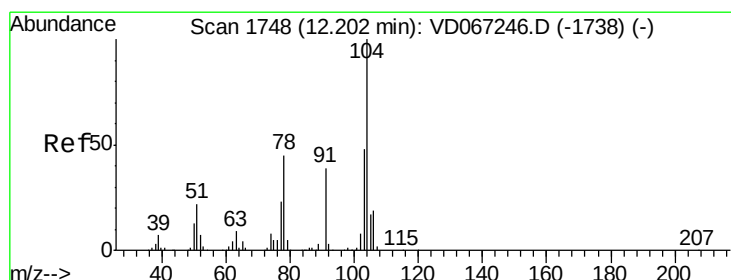
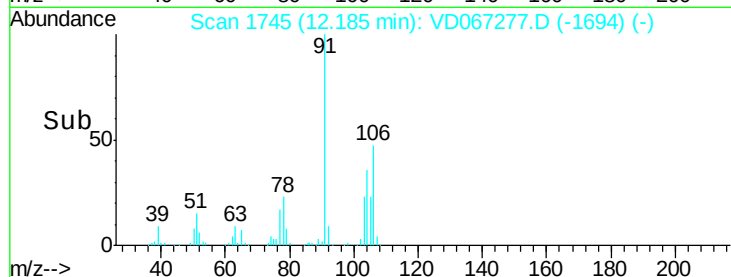
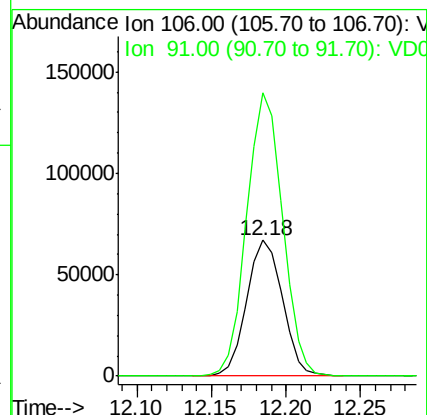
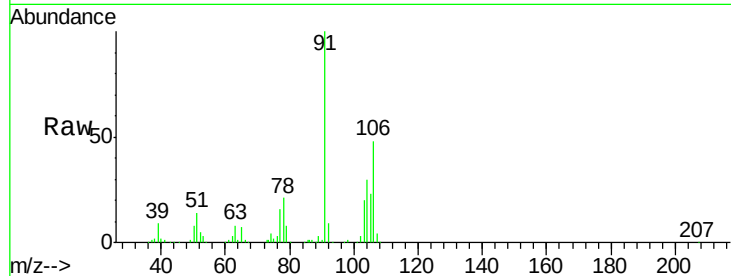




#69
o-Xylene
Concen: 20.939 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

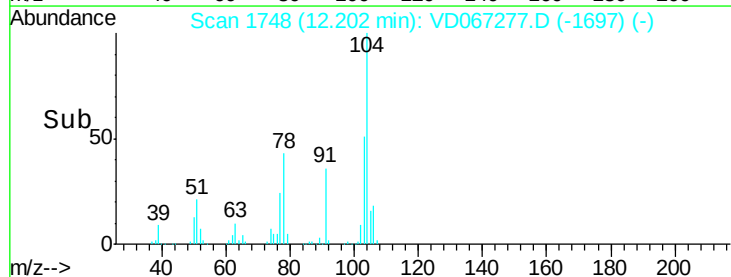
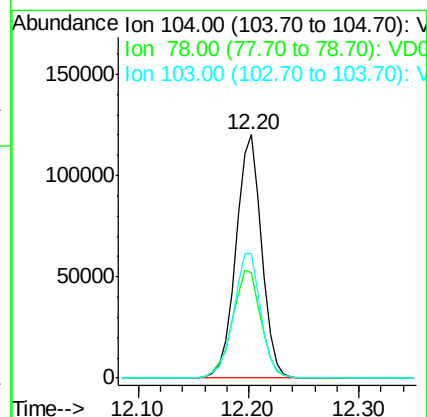
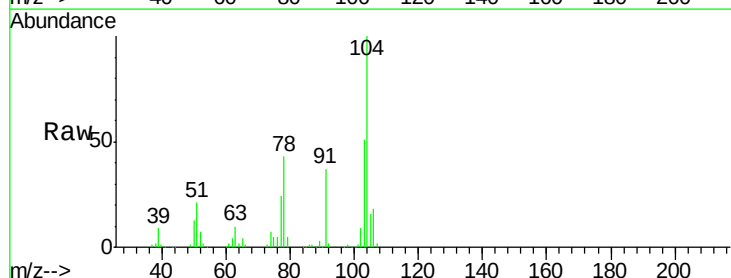
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBSD01

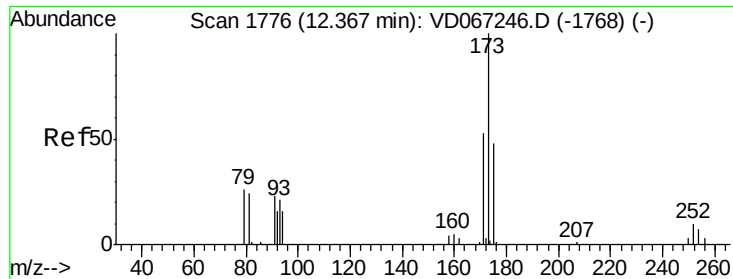
Tot Ion:106 Resp: 111119
Ion Ratio Lower Upper
106 100
91 209.1 109.1 327.3



#70
Styrene
Concen: 21.484 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion:104 Resp: 196261
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.6
103 54.9 42.6 64.0





#71

Bromoform

Concen: 21.217 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

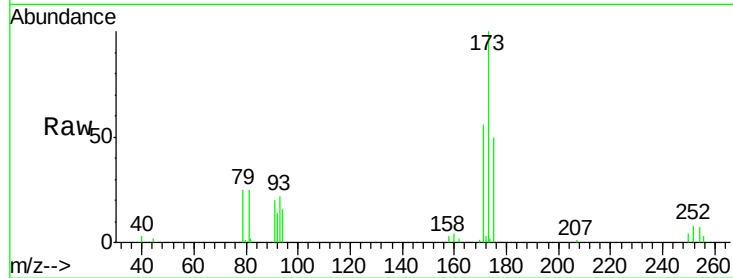
Tot Ion:173 Resp: 39330

Ion Ratio Lower Upper

173 100

175 47.9 24.2 72.6

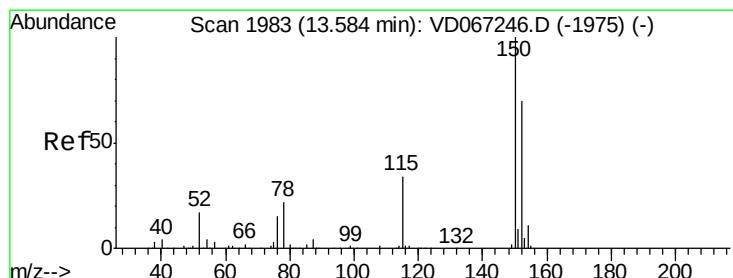
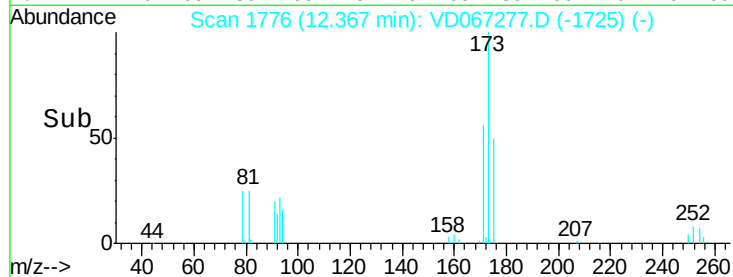
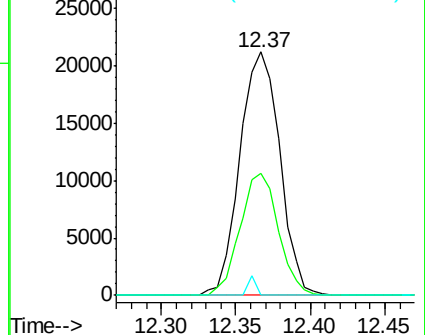
254 1.5 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

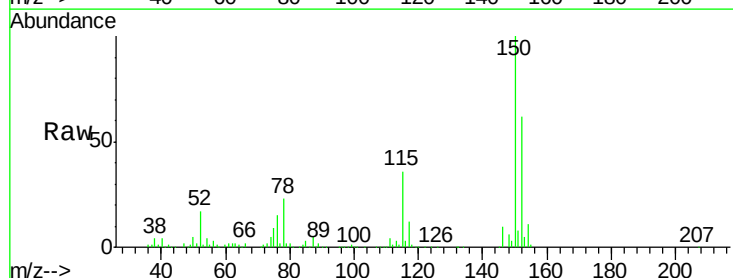
Tgt Ion:152 Resp: 229252

Ion Ratio Lower Upper

152 100

115 59.9 29.3 87.9

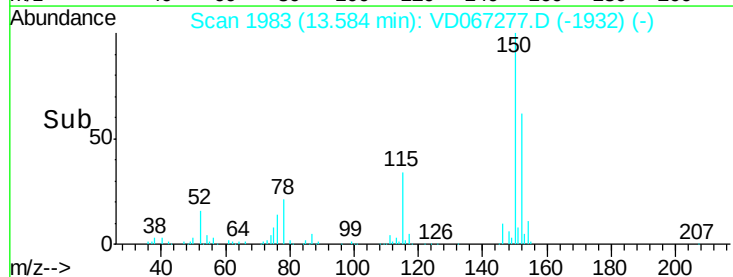
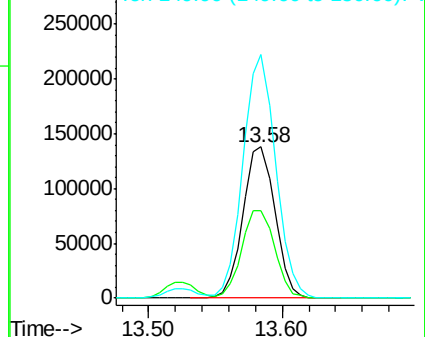
150 164.4 0.0 339.0

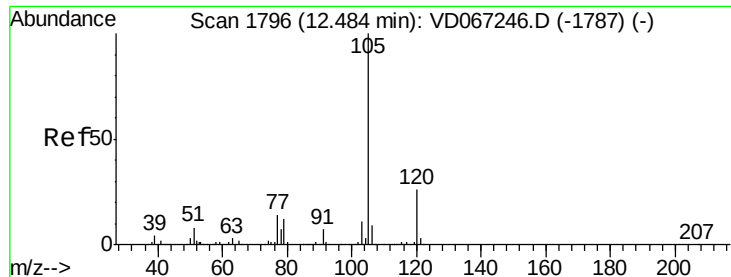


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.650 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

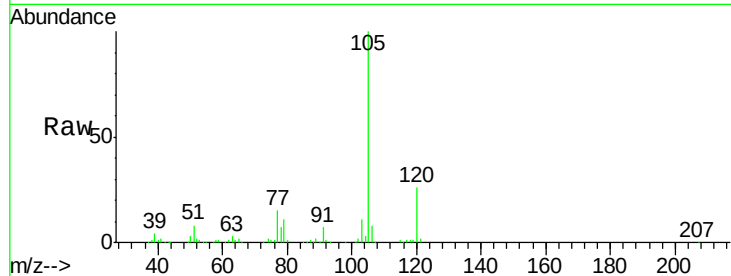
VD1015SBS01

Tot Ion:105 Resp: 315010

Ion Ratio Lower Upper

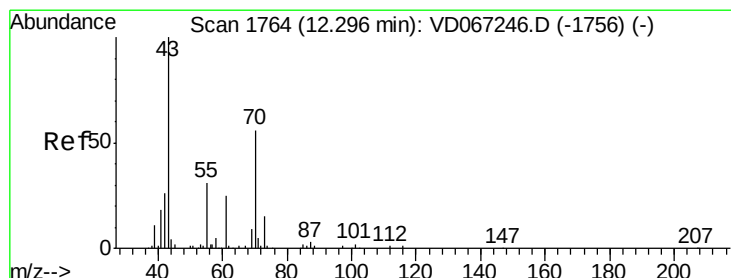
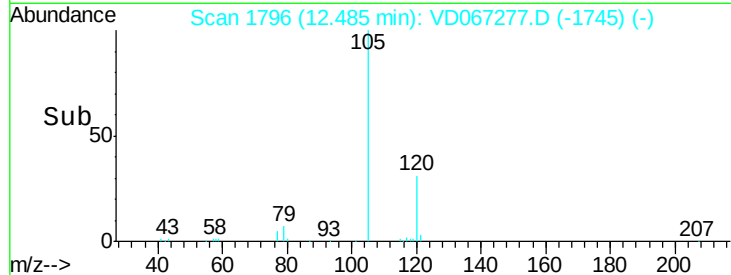
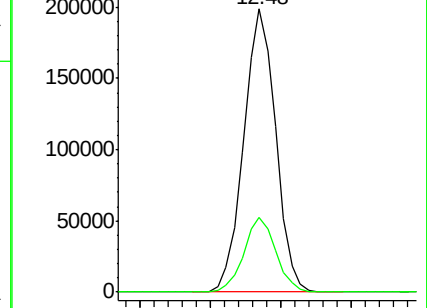
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.564 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Tgt Ion: 43 Resp: 42993

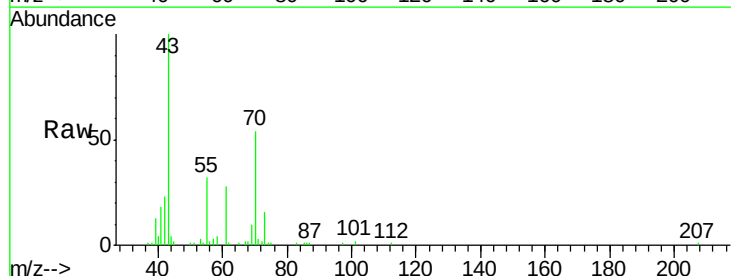
Ion Ratio Lower Upper

43 100

70 54.1 42.7 64.1

55 34.1 24.0 36.0

61 27.6 22.2 33.4

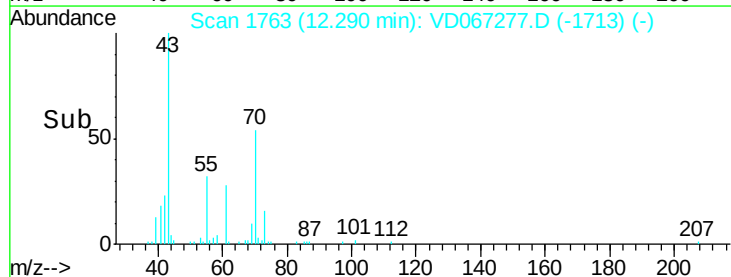
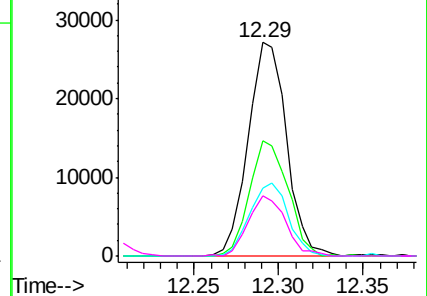


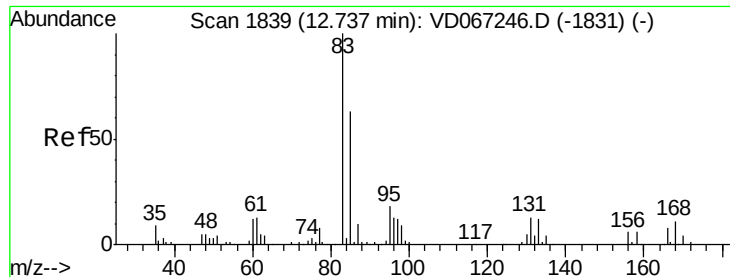
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.410 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

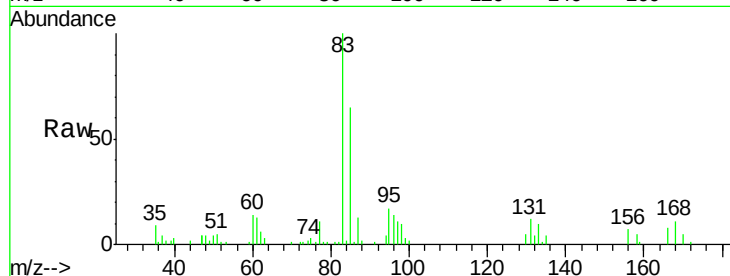
Tot Ion: 83 Resp: 45501

Ion Ratio Lower Upper

83 100

131 13.2 6.5 19.5

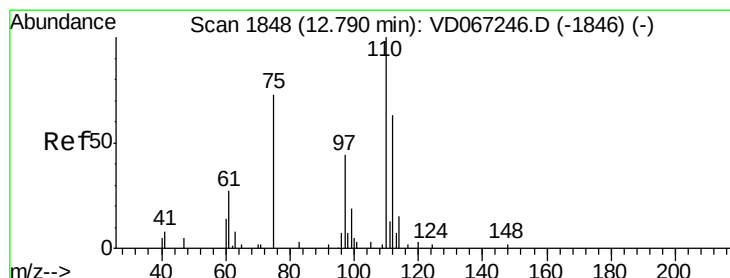
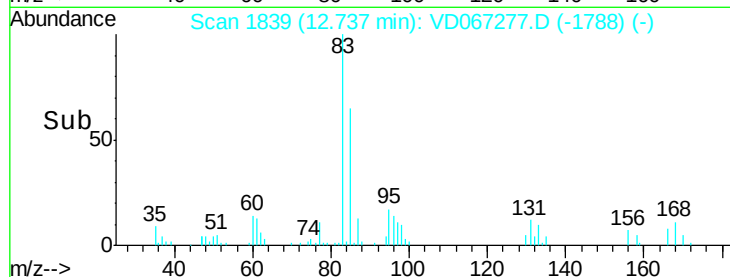
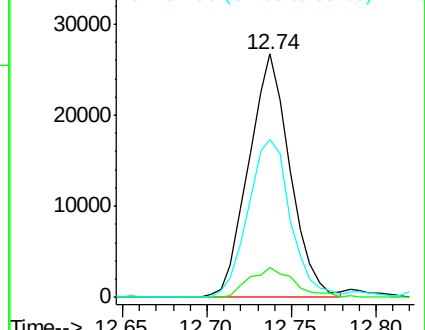
85 66.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 18.006 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067277.D

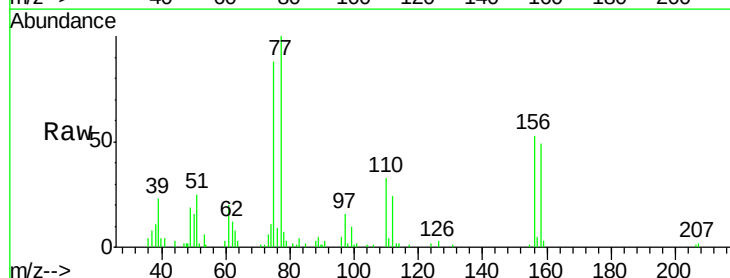
Acq: 15 Oct 2020 12:21

Tgt Ion: 75 Resp: 28611

Ion Ratio Lower Upper

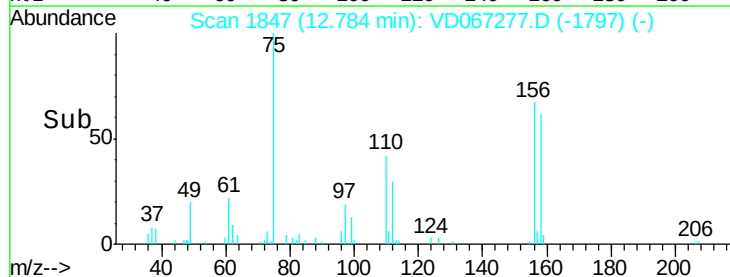
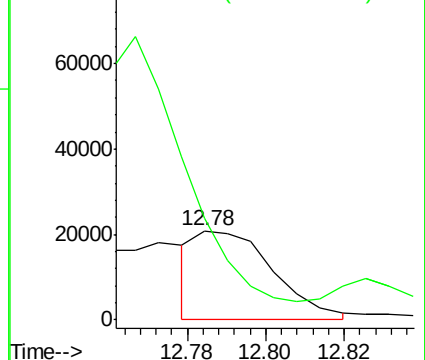
75 100

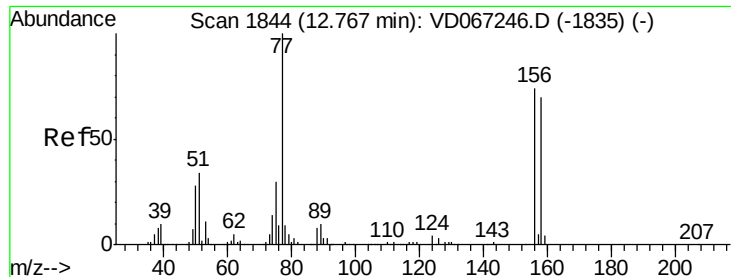
77 429.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.431 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

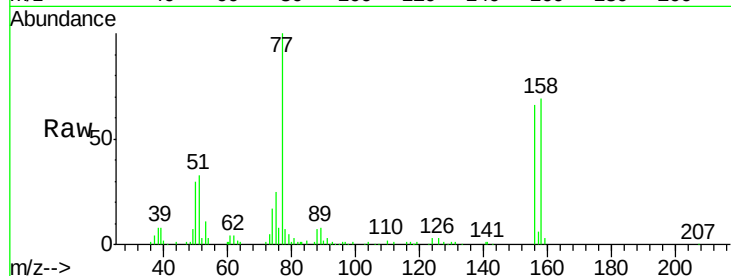
Tot Ion:156 Resp: 77739

Ion Ratio Lower Upper

156 100

77 158.1 78.0 233.8

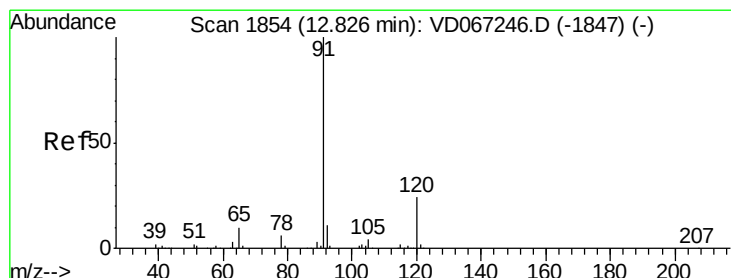
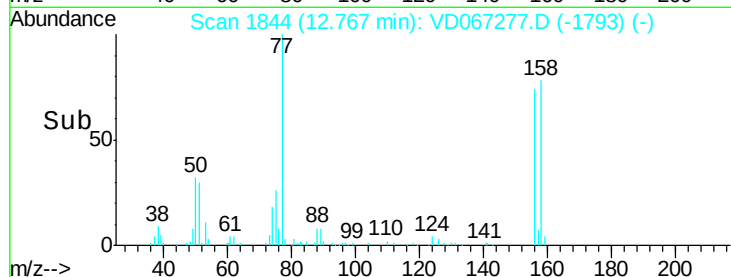
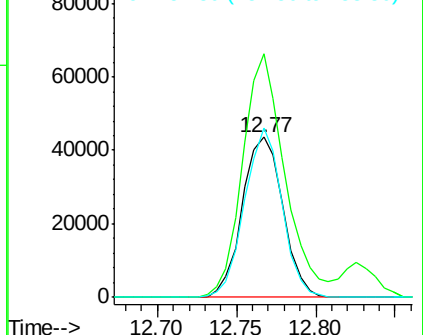
158 97.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.496 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067277.D

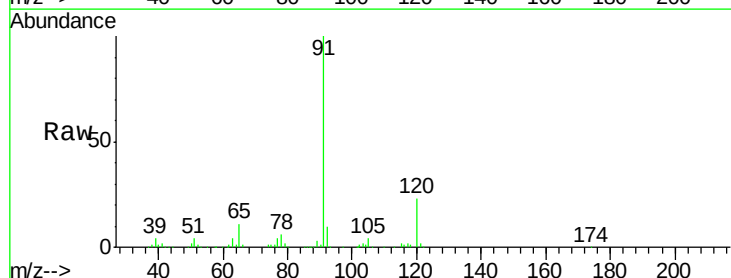
Acq: 15 Oct 2020 12:21

Tgt Ion: 91 Resp: 362378

Ion Ratio Lower Upper

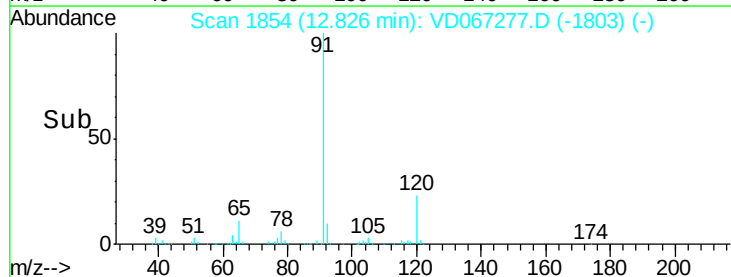
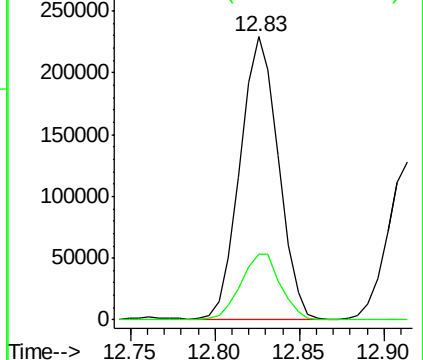
91 100

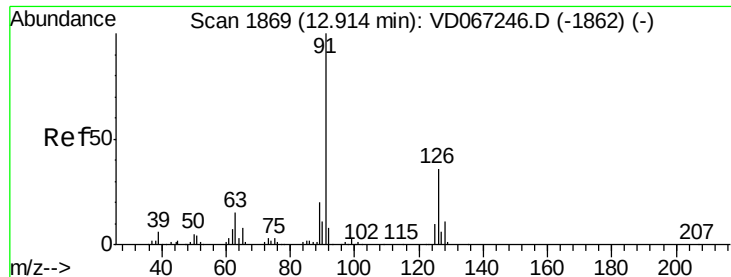
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.183 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

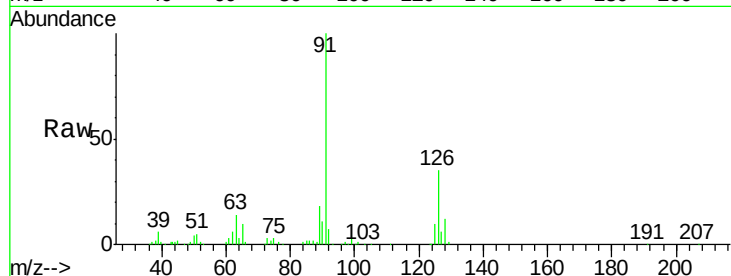
VD1015SBS01

Tot Ion: 91 Resp: 207092

Ion Ratio Lower Upper

91 100

126 36.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067277.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067277.D (-1862) (-)

12.91

150000

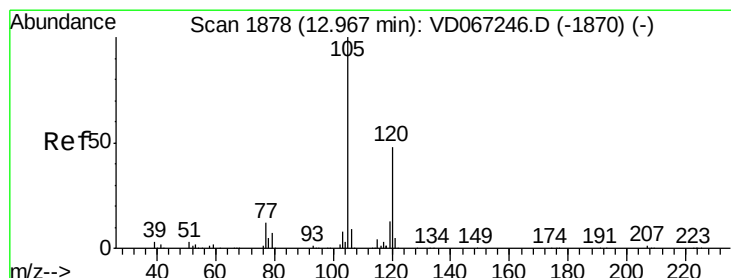
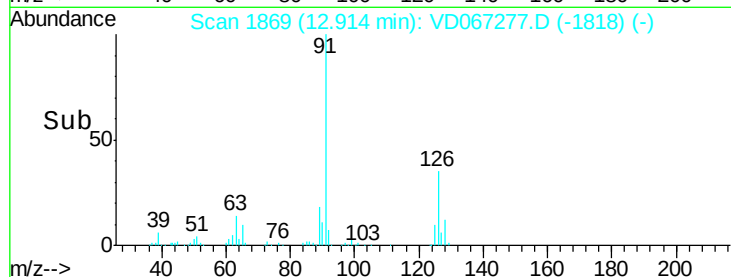
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.394 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067277.D

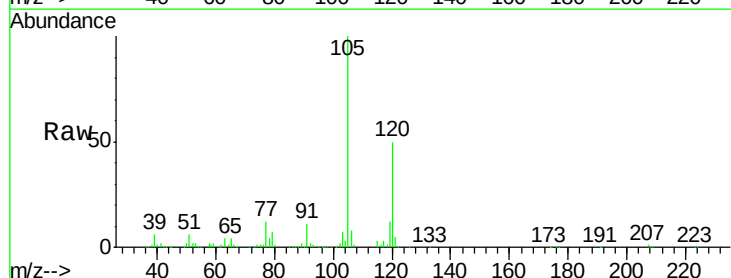
Acq: 15 Oct 2020 12:21

Tgt Ion:105 Resp: 270498

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067277.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD067277.D (-1870) (-)

12.97

200000

150000

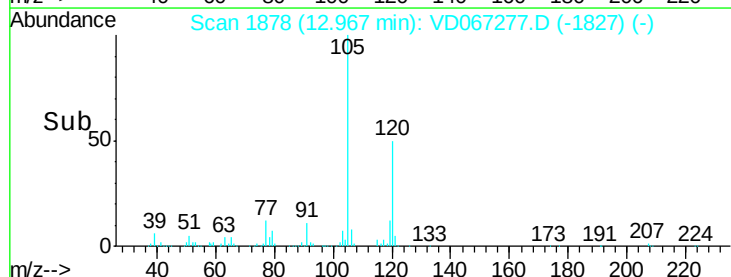
100000

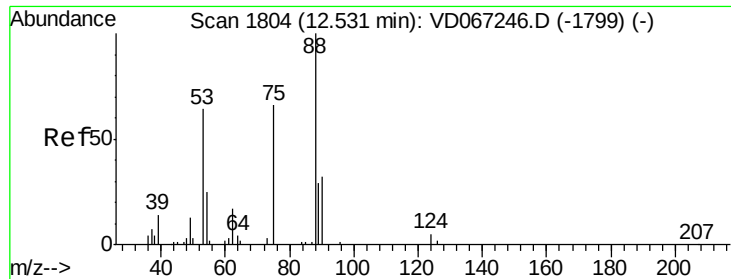
50000

0

12.90 12.95 13.00 13.05

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.361 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBS01

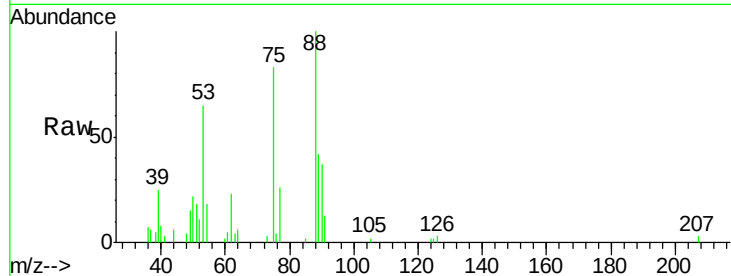
Tot Ion: 75 Resp: 14967

Ion Ratio Lower Upper

75 100

53 90.7 78.5 117.7

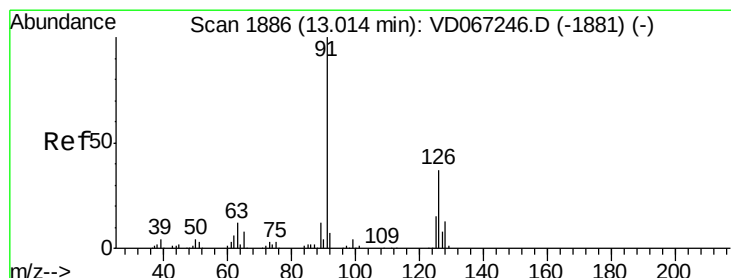
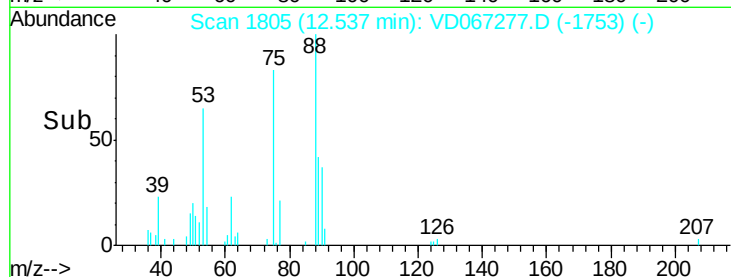
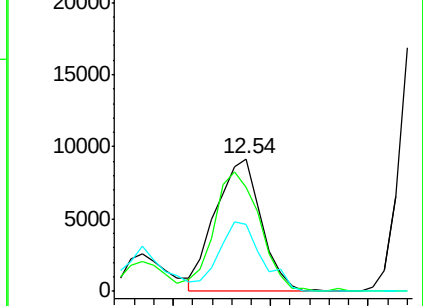
89 49.9 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.521 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067277.D

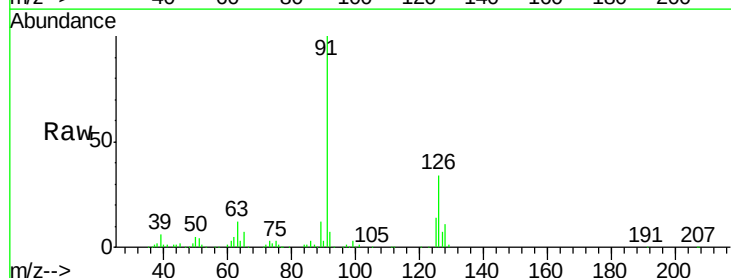
Acq: 15 Oct 2020 12:21

Tgt Ion: 91 Resp: 223302

Ion Ratio Lower Upper

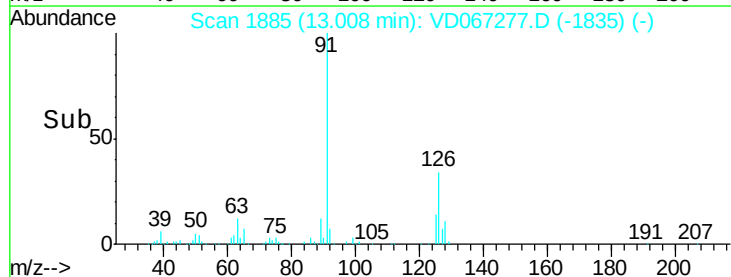
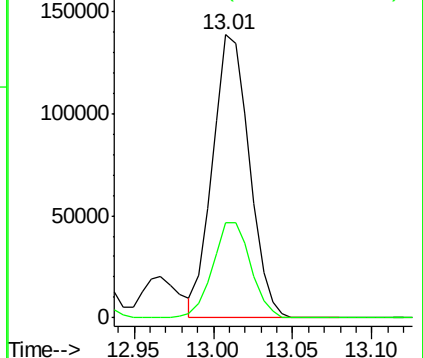
91 100

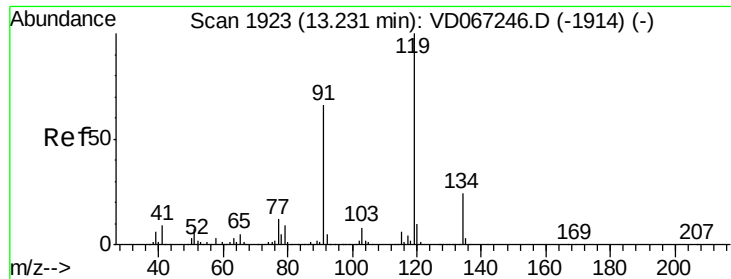
126 35.0 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

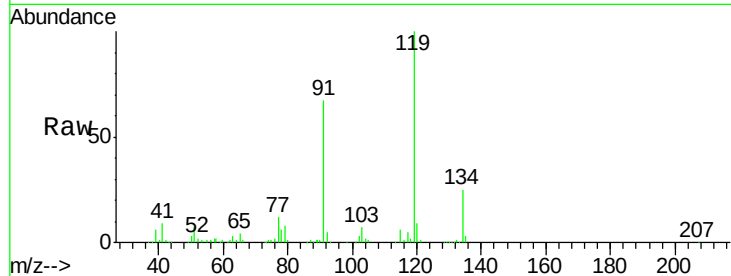




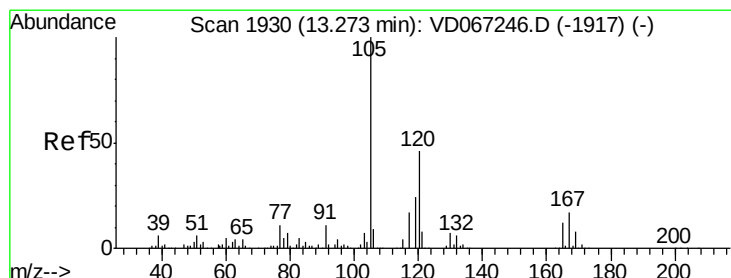
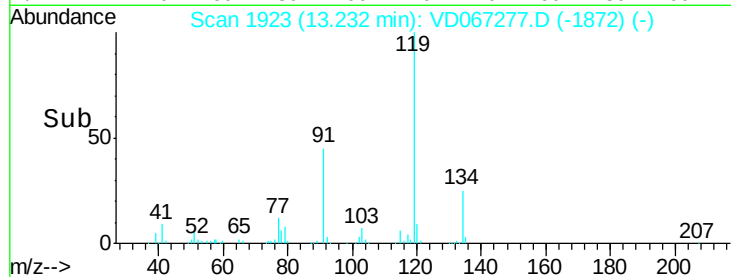
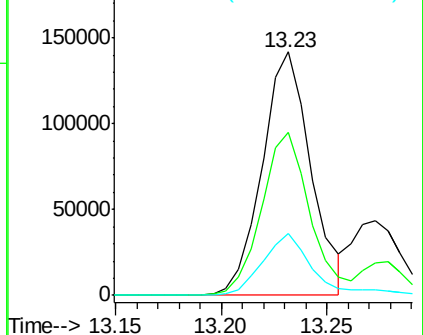
#83
 tert-Butylbenzene
 Concen: 21.313 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Tot Ion:119 Resp: 227629
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.1 99.2
 134 26.6 13.3 39.9

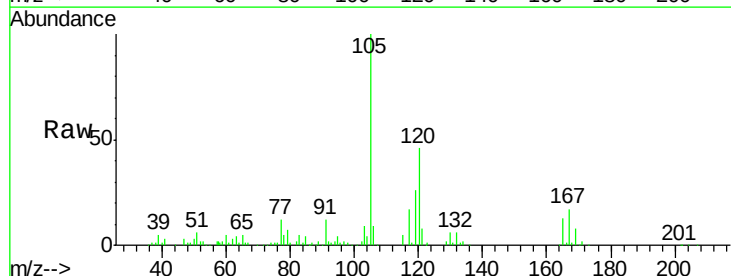


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

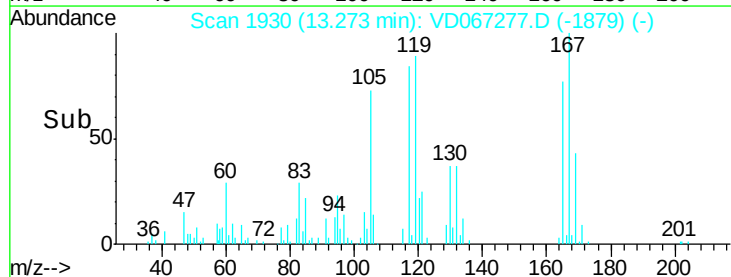
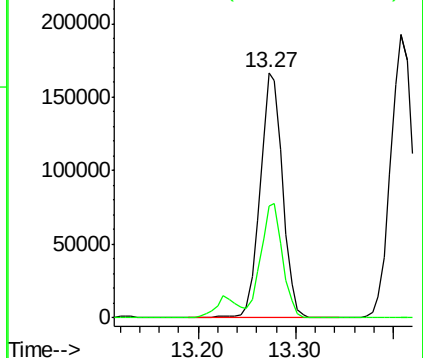


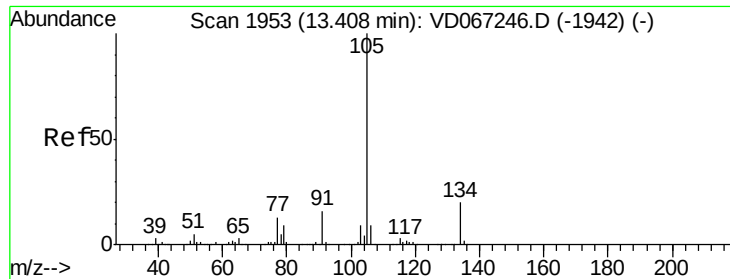
#84
 1,2,4-Trimethylbenzene
 Concen: 21.607 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion:105 Resp: 270013
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.055 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

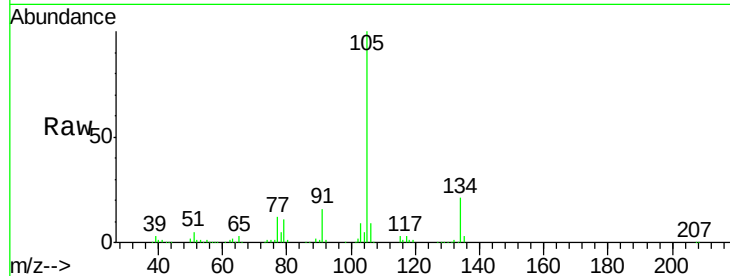
VD1015SBS01

Tot Ion:105 Resp: 308558

Ion Ratio Lower Upper

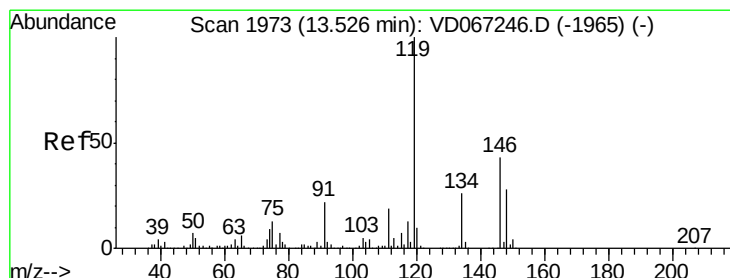
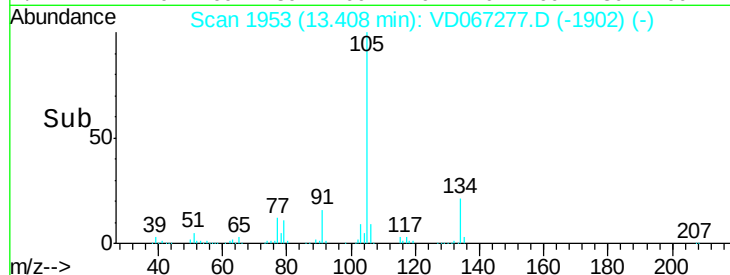
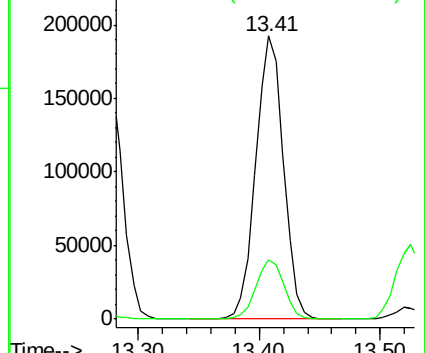
105 100

134 21.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.093 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067277.D

Acq: 15 Oct 2020 12:21

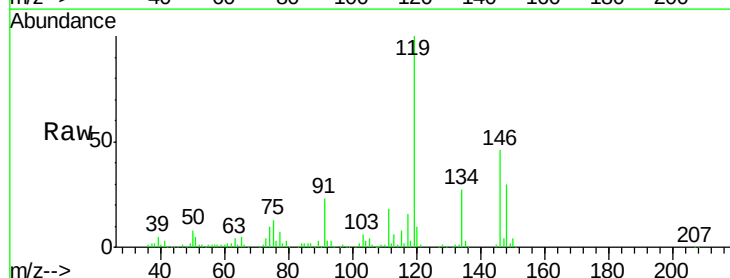
Tgt Ion:119 Resp: 291774

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

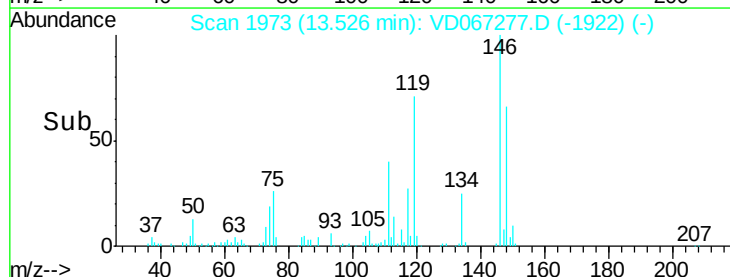
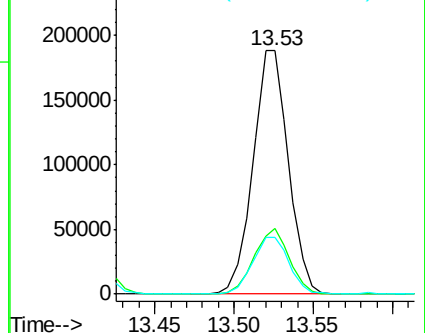
91 24.1 11.9 35.9

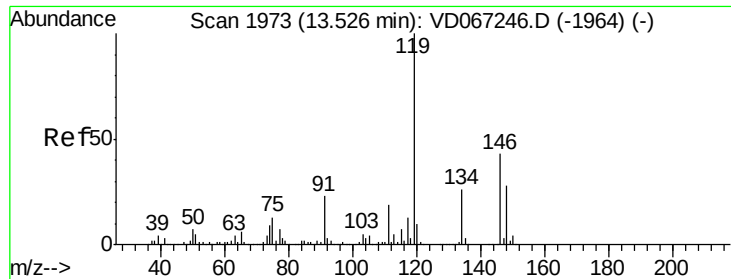


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

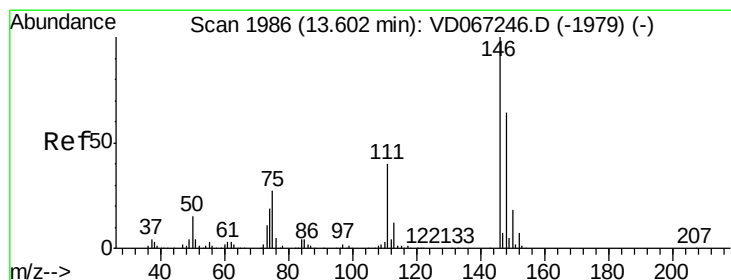
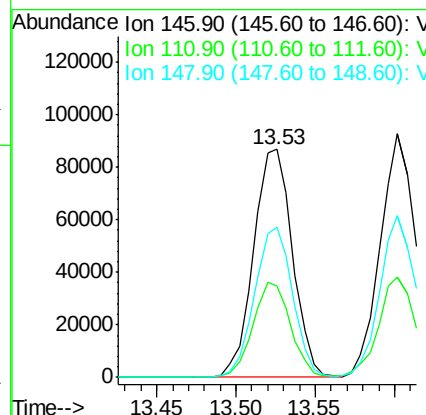
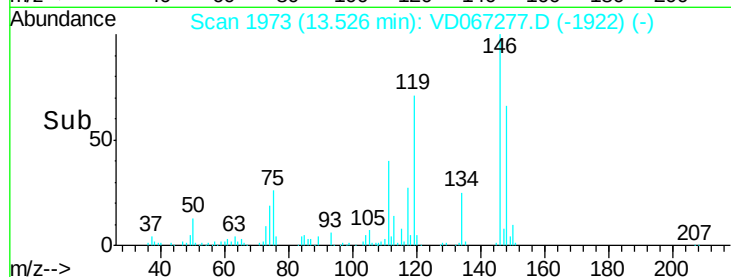
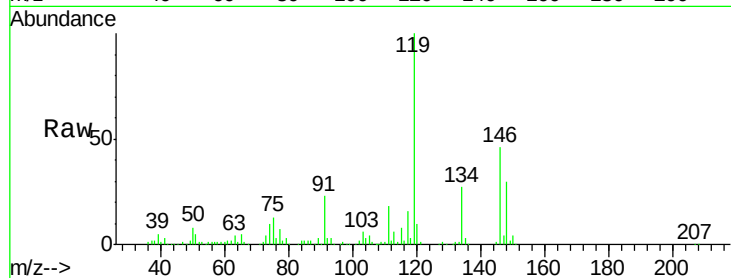




#87
 1,3-Dichlorobenzene
 Concen: 21.204 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

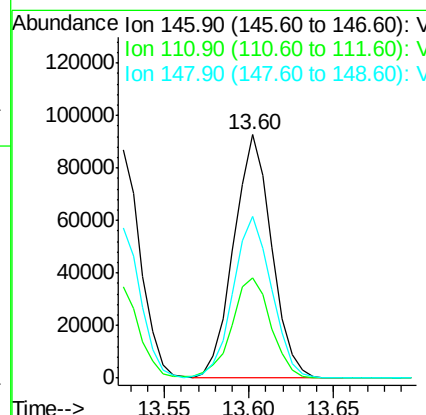
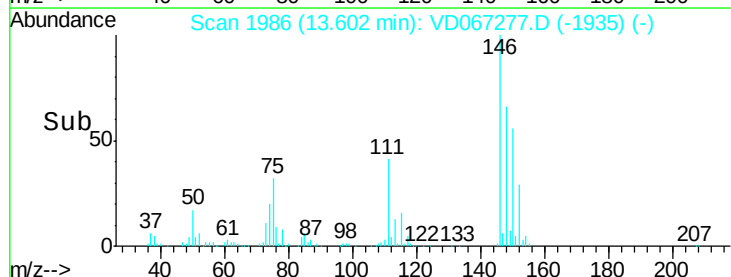
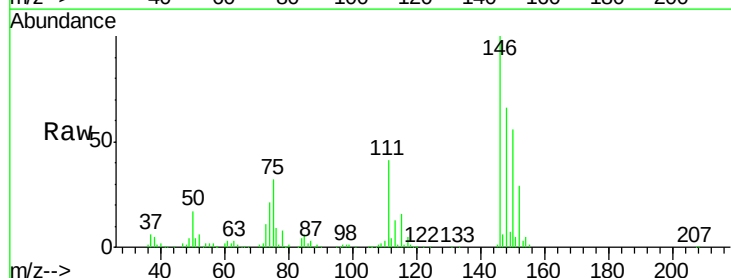
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

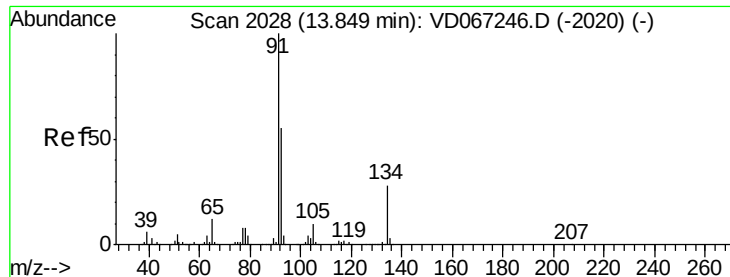
Tot Ion:146 Resp: 148046
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.1 63.3
 148 64.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.932 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion:146 Resp: 144793
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.9 59.7
 148 67.2 31.9 95.9

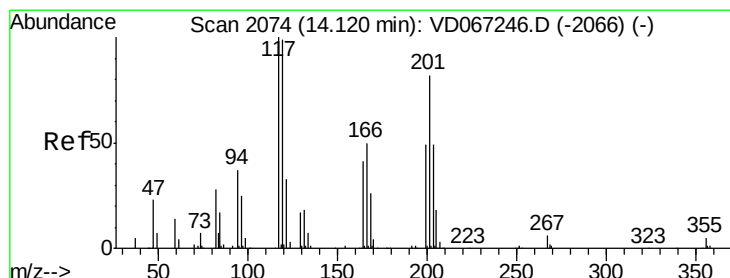
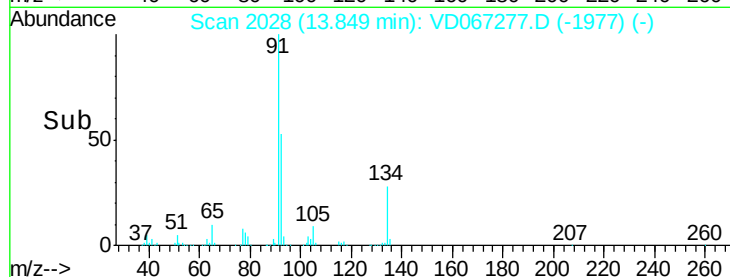
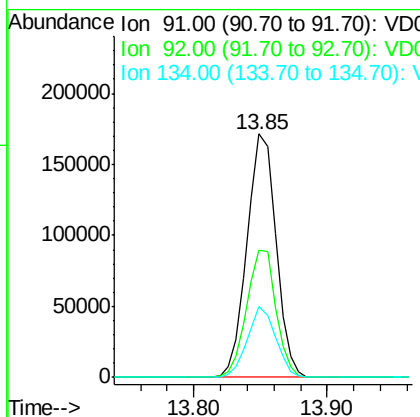
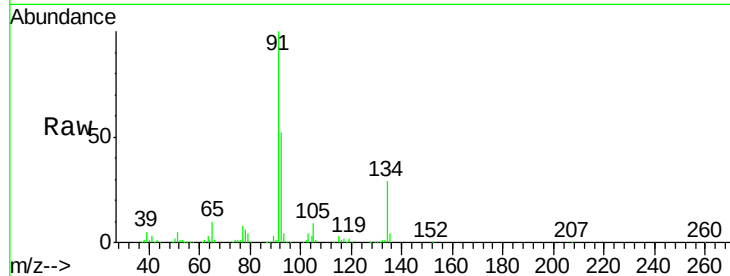




#89
n-Butylbenzene
Concen: 21.135 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

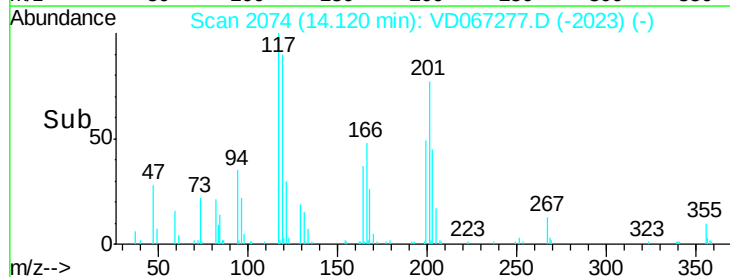
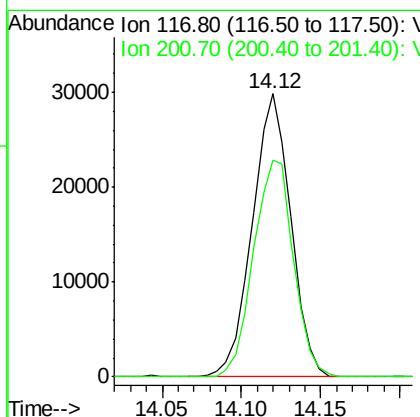
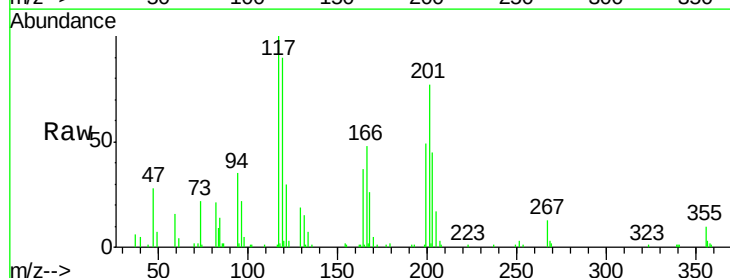
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

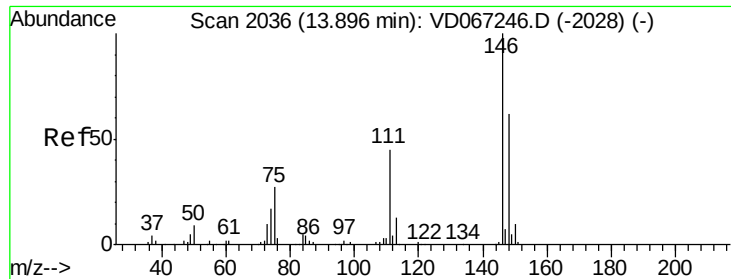
Tot Ion: 91 Resp: 257197
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 28.2 14.2 42.6



#90
Hexachloroethane
Concen: 20.849 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion: 117 Resp: 50327
Ion Ratio Lower Upper
117 100
201 79.7 40.8 122.2

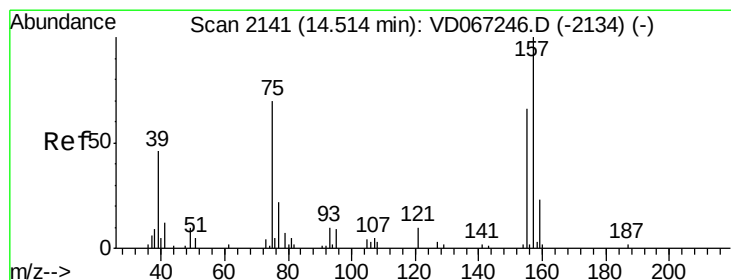
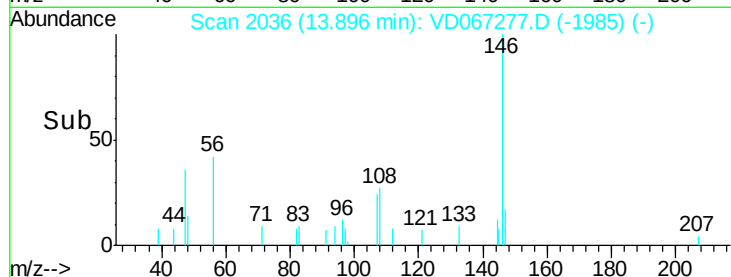
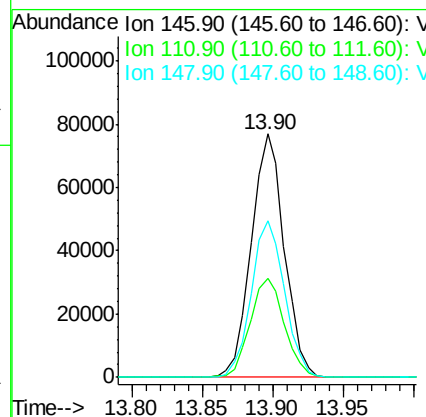
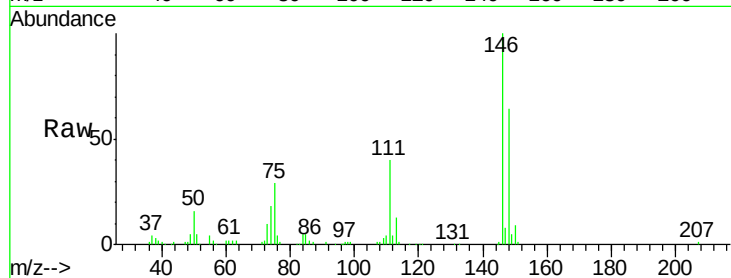




#91
 1,2-Dichlorobenzene
 Concen: 20.726 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

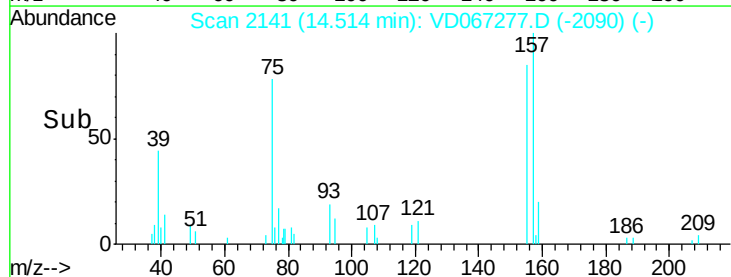
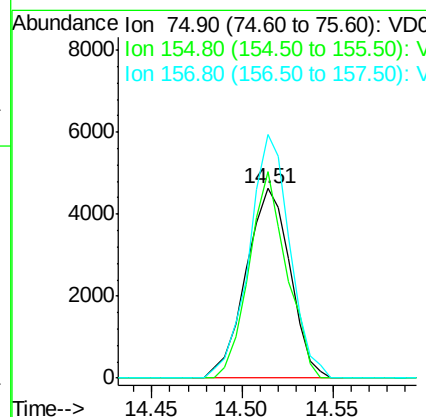
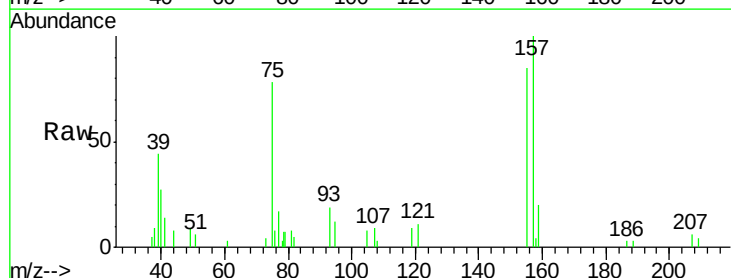
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

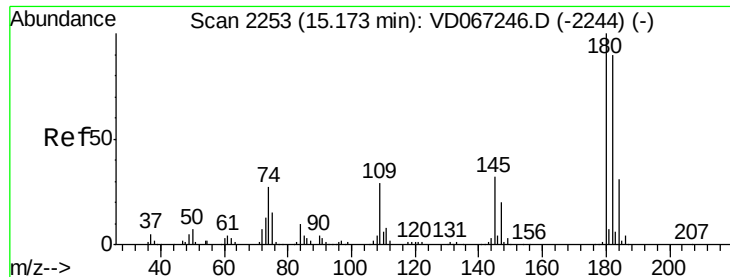
Tot Ion:146 Resp: 126416
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.0 66.0
 148 64.8 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.328 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion: 75 Resp: 7828
 Ion Ratio Lower Upper
 75 100
 155 92.4 44.8 134.4
 157 118.2 62.5 187.4

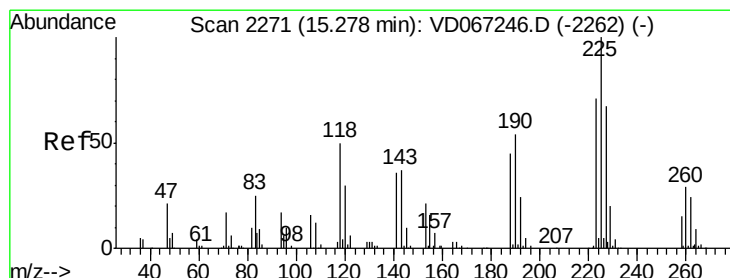
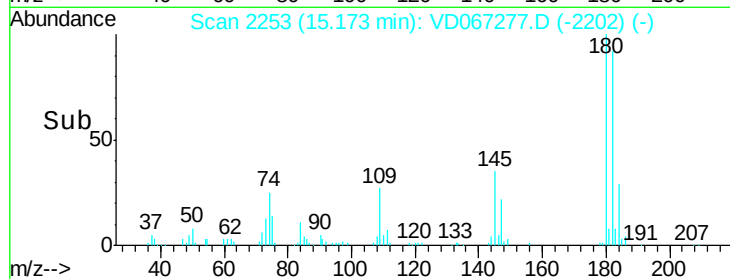
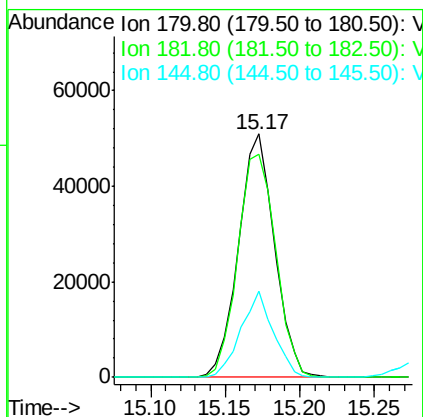
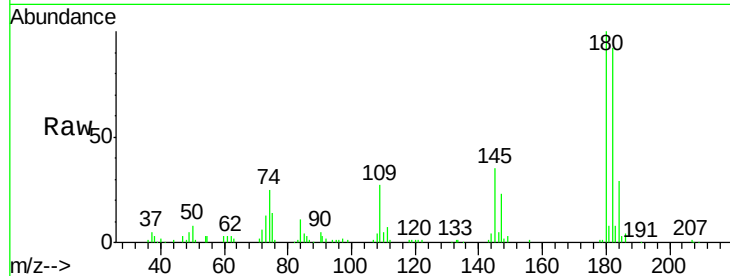




#93
 1,2,4-Trichlorobenzene
 Concen: 20.767 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

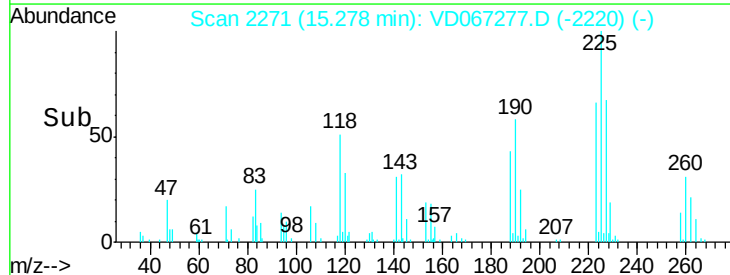
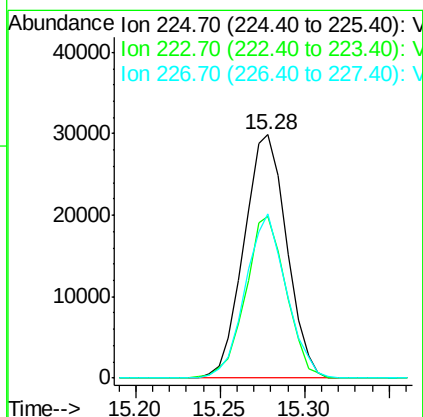
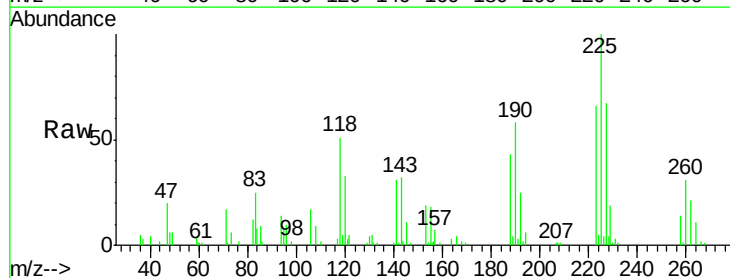
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

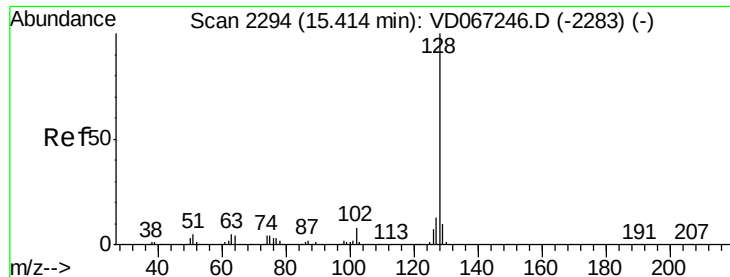
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.1	144.4
145	31.9	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 20.571 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067277.D
 Acq: 15 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	64.5	31.2	93.6

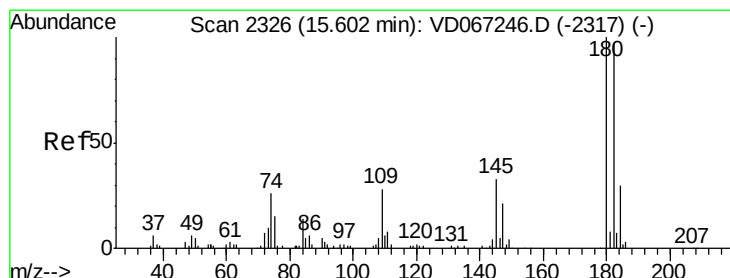
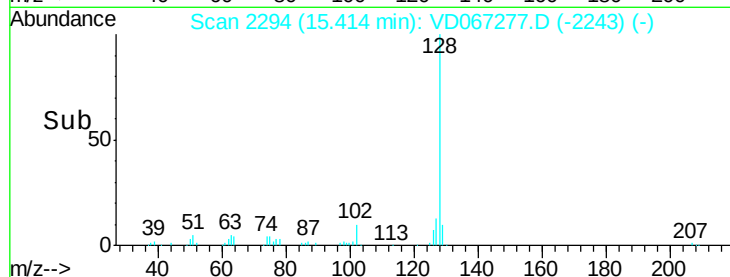
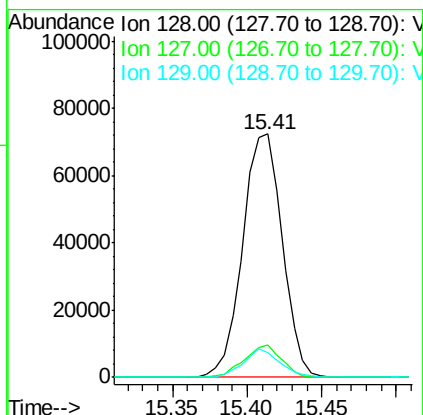
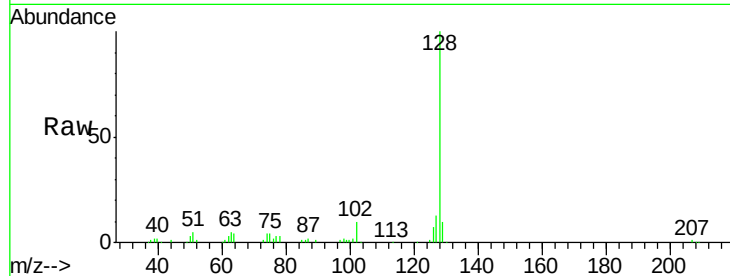




#95
Naphthalene
Concen: 19.749 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBS01

Tot Ion:128 Resp: 133340
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.076 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067277.D
Acq: 15 Oct 2020 12:21

Tgt Ion:180 Resp: 74877
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 33.8 17.3 51.9

