

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067738.D
 Acq On : 23 Nov 2020 11:23
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 24 00:36:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:34:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	257865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	373305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	26164	10.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.64%#
35) Dibromofluoromethane	7.92	113	25020	10.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.94%#
50) Toluene-d8	10.34	98	91273	10.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.04%#
62) 4-Bromofluorobenzene	12.63	95	30690	10.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.60%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	23586	10.380	ug/l	99
3) Chloromethane	2.21	50	13175	10.202	ug/l	95
4) Vinyl Chloride	2.35	62	16854	10.456	ug/l	94
5) Bromomethane	2.77	94	14121	10.229	ug/l	88
6) Chloroethane	2.93	64	11095	10.427	ug/l	96
7) Trichlorofluoromethane	3.27	101	51426	10.540	ug/l	87
8) Diethyl Ether	3.71	74	10466	10.629	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	25354	10.907	ug/l	98
10) Methyl Iodide	4.30	142	21040	8.821	ug/l	98
11) Tert butyl alcohol	5.18	59	5436	28.722	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	22380	10.468	ug/l	90
13) Acrolein	3.92	56	5129	49.032	ug/l	99
14) Allyl chloride	4.71	41	21566	10.498	ug/l	98
15) Acrylonitrile	5.43	53	18262	54.721	ug/l	96
16) Acetone	4.16	43	17797	53.014	ug/l	89
17) Carbon Disulfide	4.41	76	64919	10.361	ug/l	99
18) Methyl Acetate	4.72	43	6647	10.260	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	45331	9.915	ug/l	94
20) Methylene Chloride	4.97	84	42112	12.654	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	25555	10.679	ug/l	92
22) Diisopropyl ether	6.37	45	42633	10.545	ug/l #	93
23) Vinyl Acetate	6.31	43	114583	49.911	ug/l	99
24) 1,1-Dichloroethane	6.26	63	36405	10.405	ug/l #	91
25) 2-Butanone	7.21	43	19696	54.951	ug/l	93
26) 2,2-Dichloropropane	7.21	77	44632	10.895	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	27542	10.664	ug/l	98
28) Bromochloromethane	7.55	49	10944	9.796	ug/l #	96
29) Tetrahydrofuran	7.57	42	11465	54.570	ug/l	98
30) Chloroform	7.71	83	49531	10.915	ug/l	98
31) Cyclohexane	7.98	56	32180	10.637	ug/l #	88
32) 1,1,1-Trichloroethane	7.91	97	50591	10.464	ug/l	97
36) 1,1-Dichloropropene	8.11	75	34960	10.818	ug/l	98
37) Ethyl Acetate	7.30	43	9739	11.472	ug/l #	90
38) Carbon Tetrachloride	8.10	117	49782	10.498	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	38927	10.143	ug/l	94
40) Benzene	8.36	78	96174	10.791	ug/l	98
41) Methacrylonitrile	7.53	41	4221	10.706	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	31667	10.576	ug/l	97
43) Isopropyl Acetate	8.46	43	18280	10.642	ug/l	97
44) Trichloroethene	9.11	130	31819	10.708	ug/l	97
45) 1,2-Dichloropropane	9.39	63	19691	10.866	ug/l #	83
46) Dibromomethane	9.48	93	13478	11.074	ug/l	98
47) Bromodichloromethane	9.67	83	36824	10.705	ug/l #	96
48) Methyl methacrylate	9.46	41	9334	10.969	ug/l	98
49) 1,4-Dioxane	9.47	88	2489	188.556	ug/l #	73
51) 4-Methyl-2-Pentanone	10.23	43	43798	54.645	ug/l	94
52) Toluene	10.41	92	63703	10.596	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	32466	10.836	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	35696	10.524	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	18229	11.033	ug/l	92
56) Ethyl methacrylate	10.67	69	17459	10.224	ug/l	96
57) 1,3-Dichloropropane	10.95	76	28577	11.042	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.95	63	36451	45.708	ug/l	99
59) 2-Hexanone	10.98	43	31233	54.603	ug/l	100
60) Dibromochloromethane	11.15	129	27251	10.820	ug/l	99
61) 1,2-Dibromoethane	11.24	107	17277	10.575	ug/l	92
64) Tetrachloroethene	10.88	164	30928	11.496	ug/l #	83
65) Chlorobenzene	11.67	112	72617	10.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	29698	10.938	ug/l	99
67) Ethyl Benzene	11.75	91	122241	10.508	ug/l	100
68) m/p-Xylenes	11.86	106	96888	21.300	ug/l	100
69) o-Xylene	12.18	106	43673	10.559	ug/l	96
70) Styrene	12.20	104	76828	10.753	ug/l	96
71) Bromoform	12.37	173	16594	11.226	ug/l #	97
73) Isopropylbenzene	12.48	105	120912	10.231	ug/l	99
74) N-amyl acetate	12.29	43	15788	10.312	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	17610	11.181	ug/l	92
76) 1,2,3-Trichloropropane	12.78	75	13342	9.717	ug/l #	100
77) Bromobenzene	12.76	156	30877	10.493	ug/l	98
78) n-propylbenzene	12.83	91	135253	10.319	ug/l	100
79) 2-Chlorotoluene	12.91	91	79826	10.352	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	107815	10.393	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	5875	11.174	ug/l #	94
82) 4-Chlorotoluene	13.01	91	88532	10.758	ug/l	98
83) tert-Butylbenzene	13.23	119	91566	10.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	105852	10.371	ug/l	97
85) sec-Butylbenzene	13.40	105	121158	10.495	ug/l	99
86) p-Isopropyltoluene	13.52	119	117515	10.526	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	62667	10.928	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	59804	10.465	ug/l	94
89) n-Butylbenzene	13.85	91	99403	10.401	ug/l	100
90) Hexachloroethane	14.11	117	22516	10.583	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	53396	10.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	3893	11.614	ug/l	96

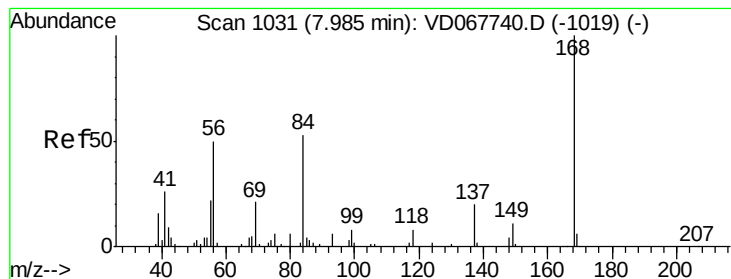
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	34419	9.855	ug/l	95
94) Hexachlorobutadiene	15.27	225	24223	10.812	ug/l	95
95) Naphthalene	15.40	128	55534	9.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	29859	10.069	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

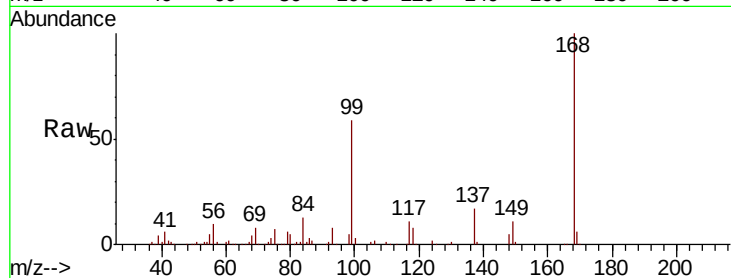
VSTDIC010

Tot Ion:168 Resp: 257865

Ion Ratio Lower Upper

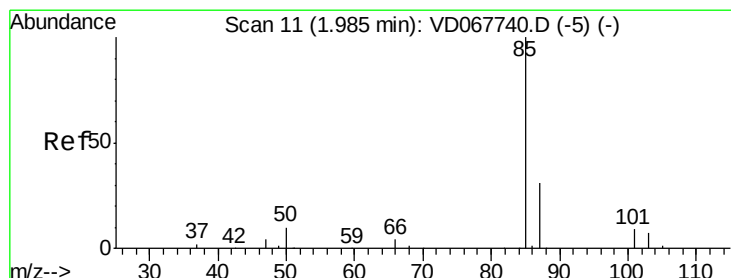
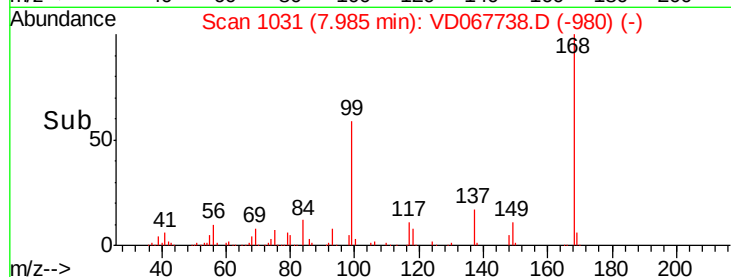
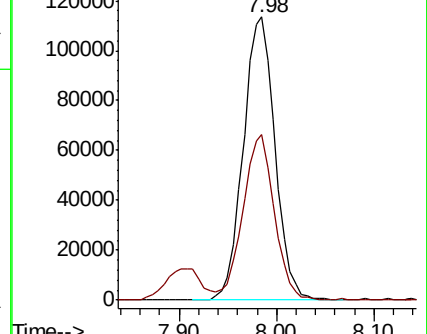
168 100

99 58.0 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 10.380 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067738.D

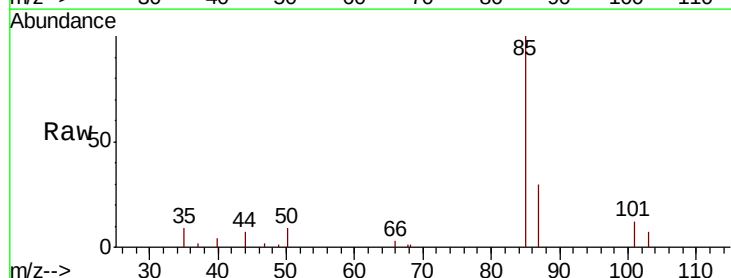
Acq: 23 Nov 2020 11:23

Tgt Ion: 85 Resp: 23586

Ion Ratio Lower Upper

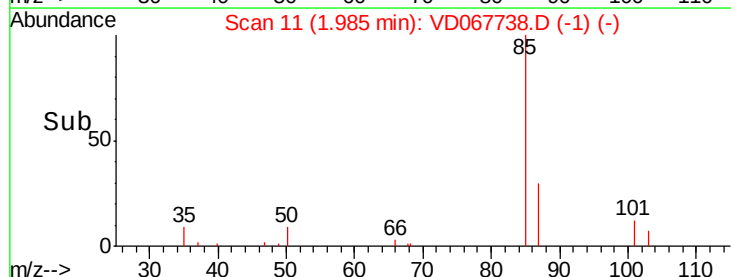
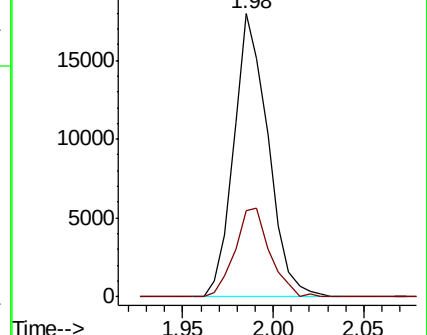
85 100

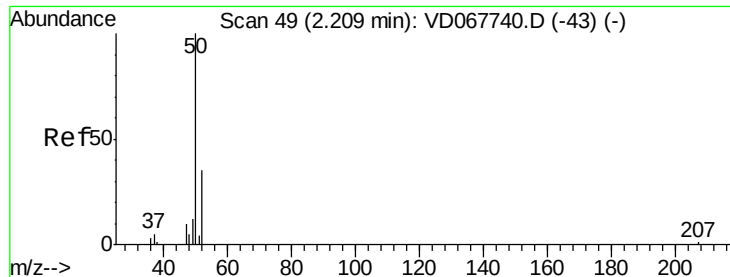
87 30.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.202 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

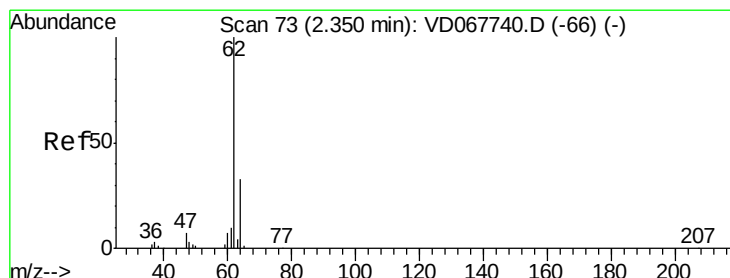
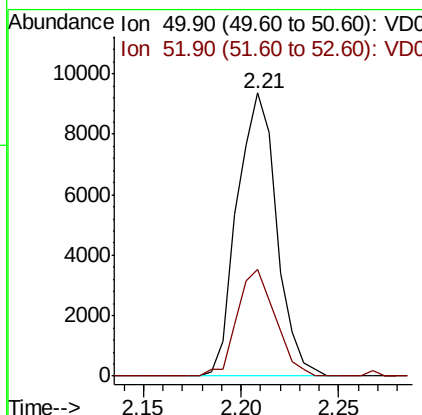
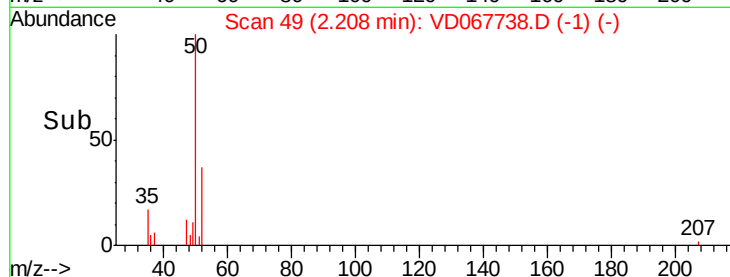
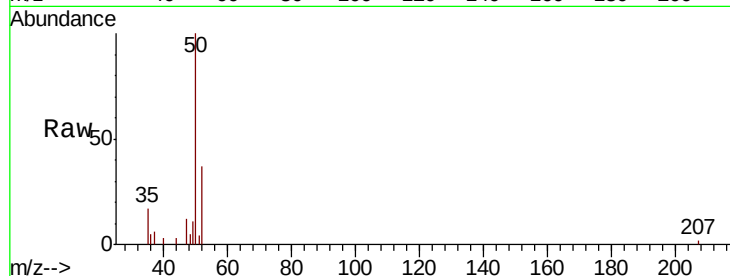
VSTDIC010

Tot Ion: 50 Resp: 13175

Ion Ratio Lower Upper

50 100

52 37.5 27.8 41.8



#4

Vinyl Chloride

Concen: 10.456 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067738.D

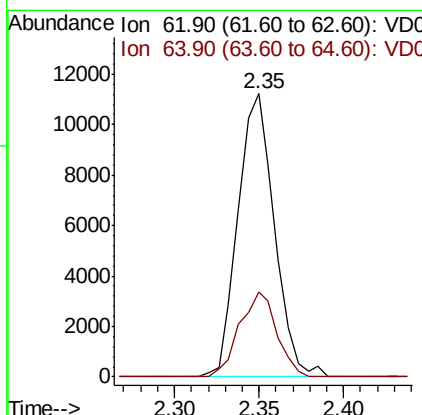
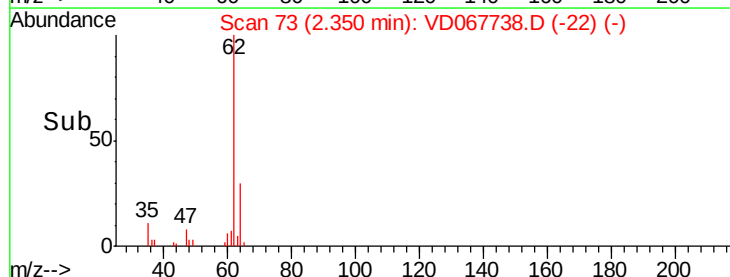
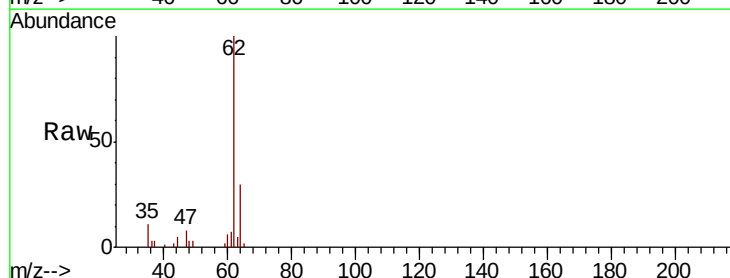
Acq: 23 Nov 2020 11:23

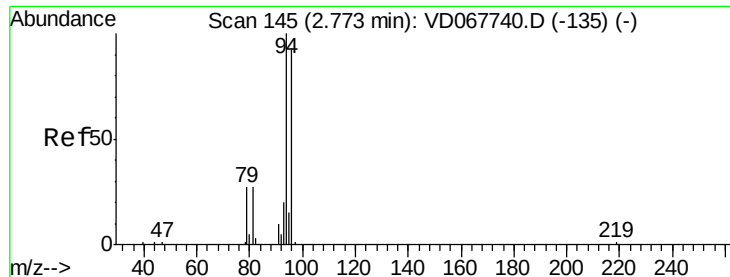
Tgt Ion: 62 Resp: 16854

Ion Ratio Lower Upper

62 100

64 30.2 26.6 40.0





#5

Bromomethane

Concen: 10.229 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

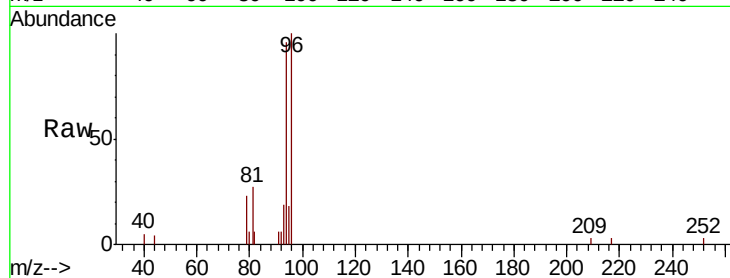
VSTDIC010

Tot Ion: 94 Resp: 14121

Ion Ratio Lower Upper

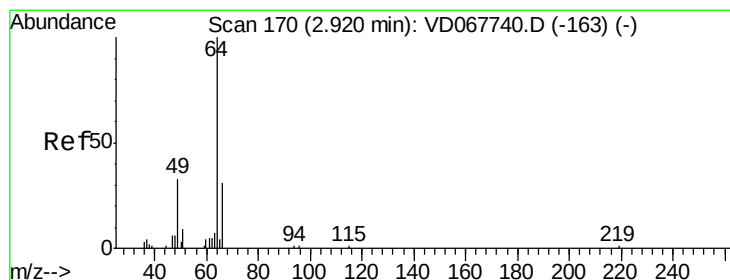
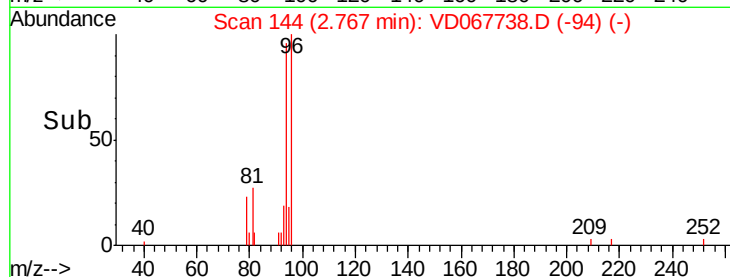
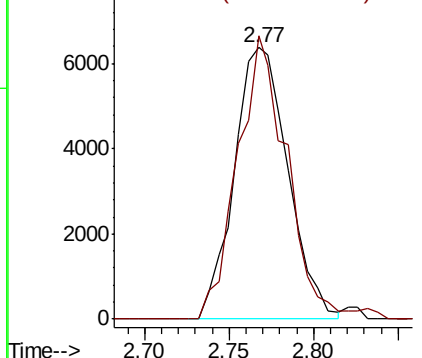
94 100

96 104.1 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.427 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067738.D

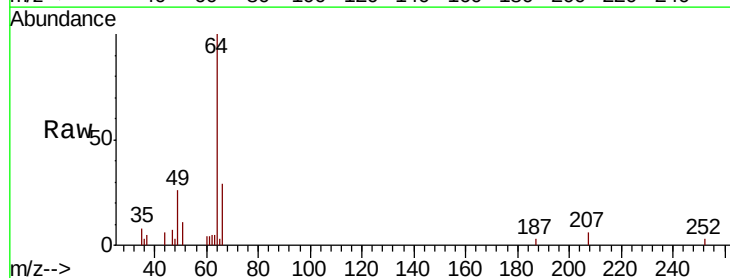
Acq: 23 Nov 2020 11:23

Tgt Ion: 64 Resp: 11095

Ion Ratio Lower Upper

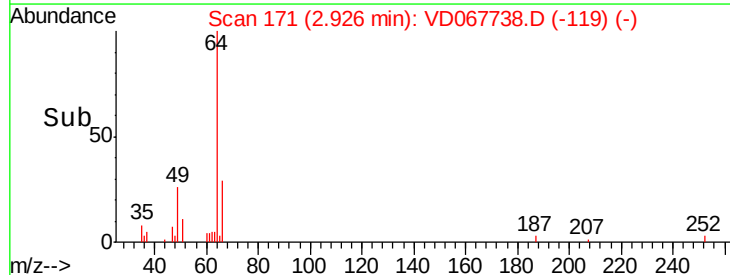
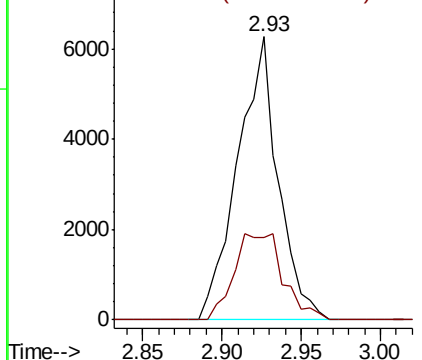
64 100

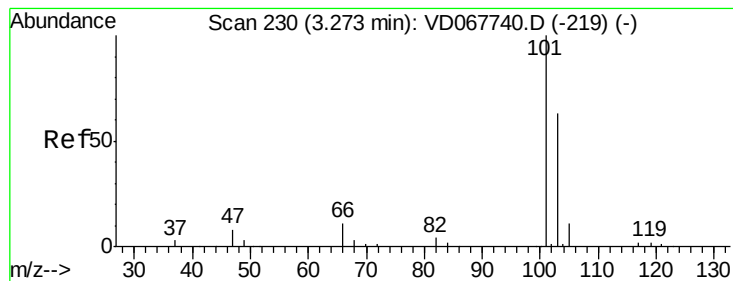
66 29.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



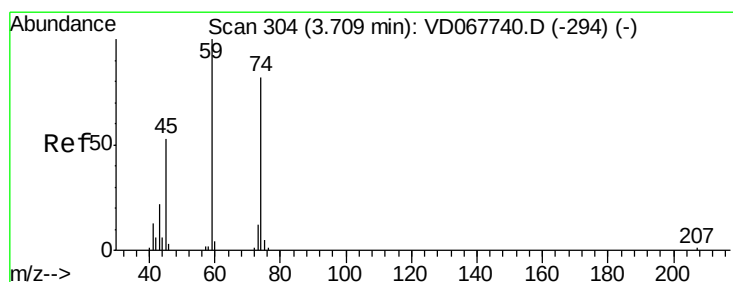
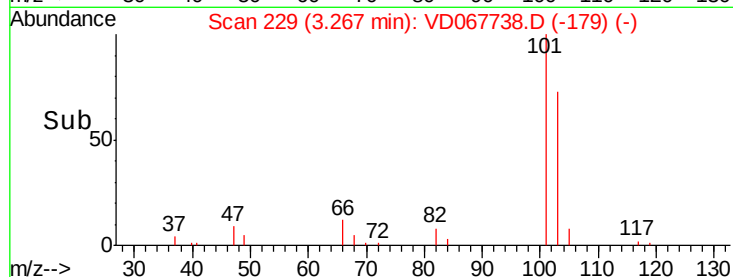
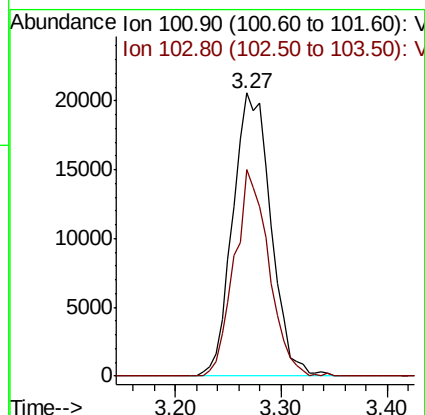
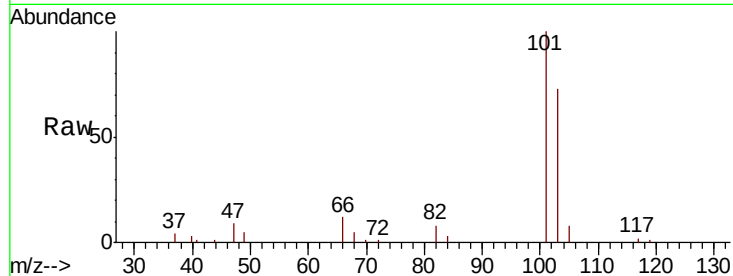


#7

Trichlorofluoromethane
 Concen: 10.540 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Instrument :
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 ClientSampleId :
 VSTDIC010

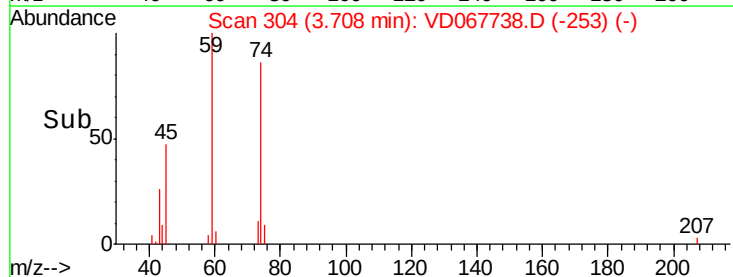
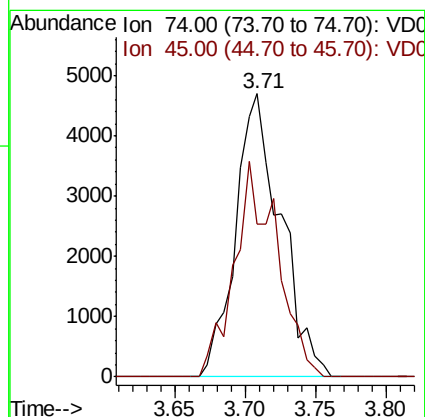
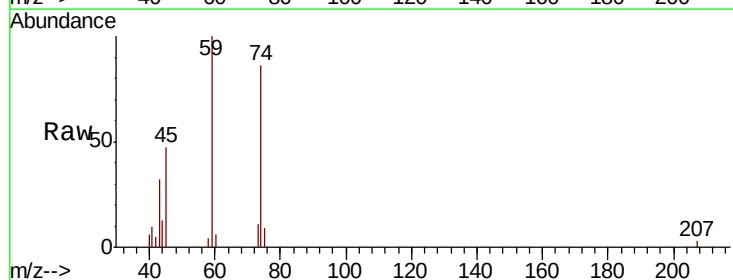
Tot Ion:101 Resp: 51426
 Ion Ratio Lower Upper
 101 100
 103 72.9 50.3 75.5

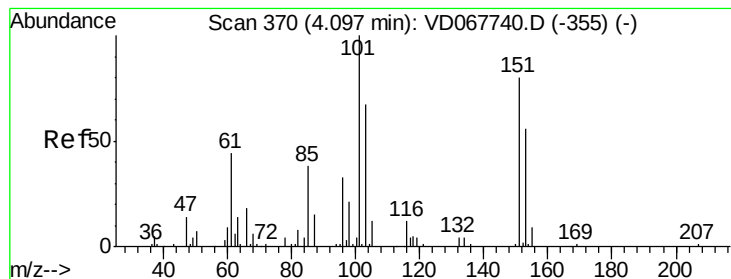


#8

Diethyl Ether
 Concen: 10.629 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 74 Resp: 10466
 Ion Ratio Lower Upper
 74 100
 45 72.3 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.907 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

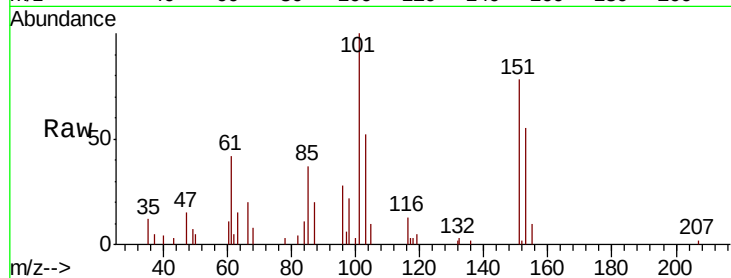
Tot Ion:101 Resp: 25354

Ion Ratio Lower Upper

101 100

85 42.4 35.5 53.3

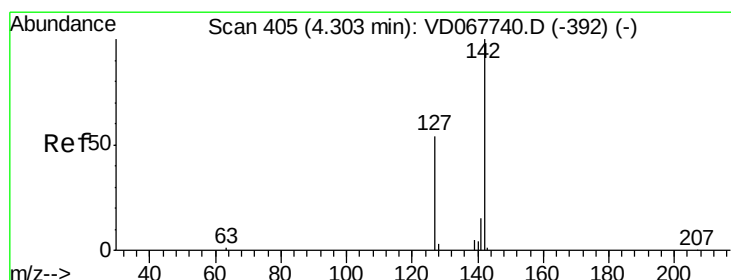
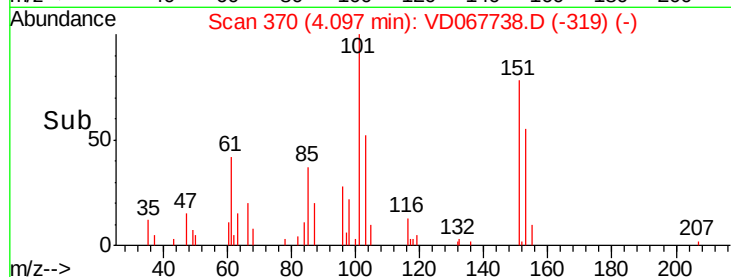
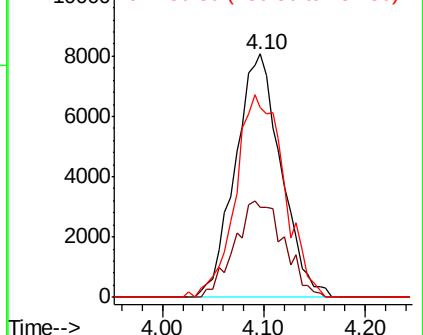
151 88.3 69.4 104.0



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: 8.821 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

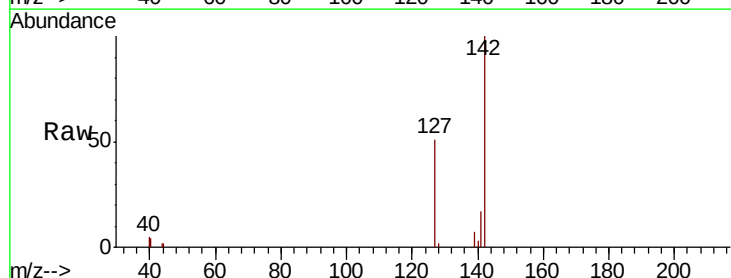
Tgt Ion:142 Resp: 21040

Ion Ratio Lower Upper

142 100

127 54.1 42.2 63.2

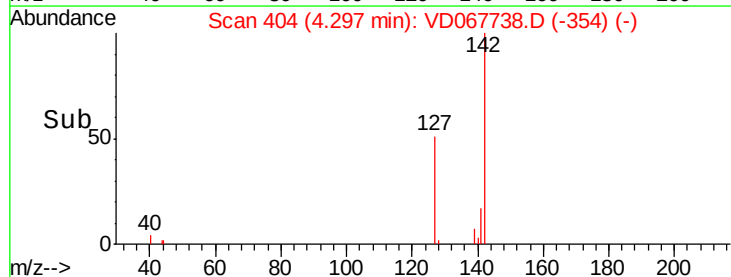
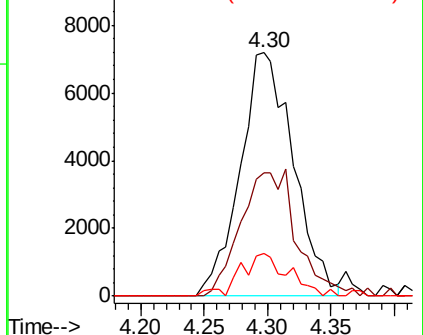
141 15.8 11.8 17.6

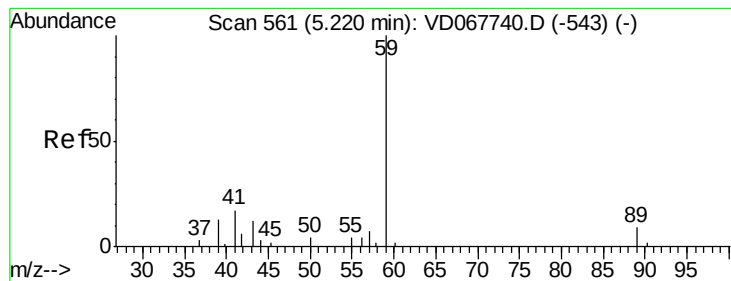


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



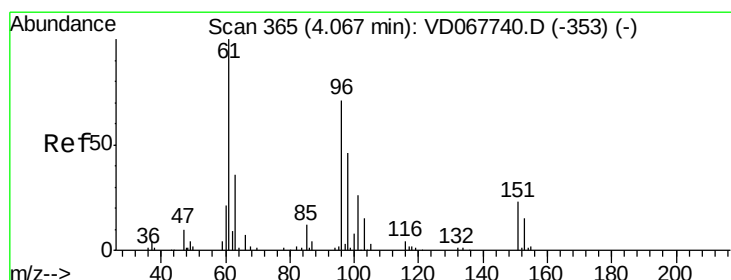
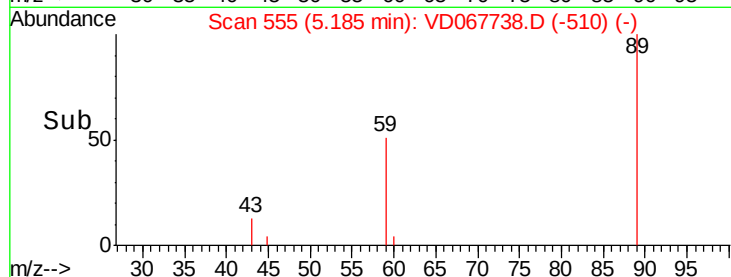
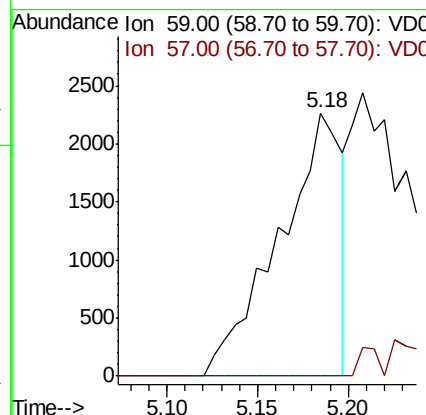
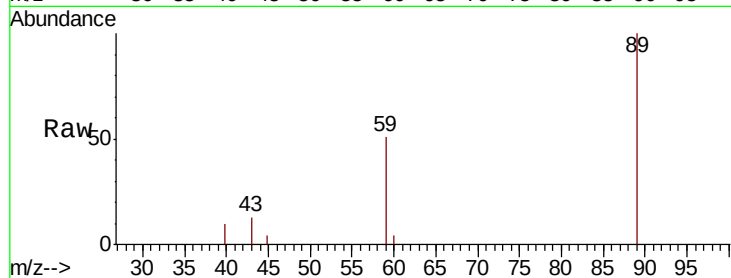


#11

Tert butyl alcohol
 Concen: 28.722 ug/l
 RT: 5.18 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

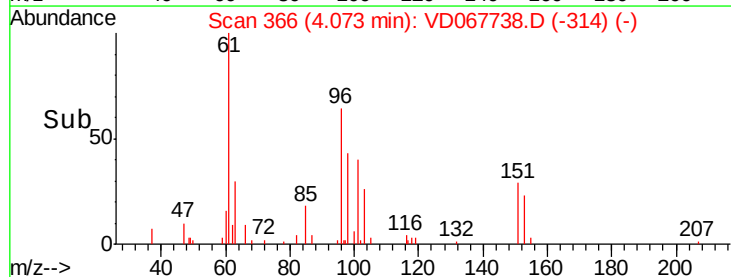
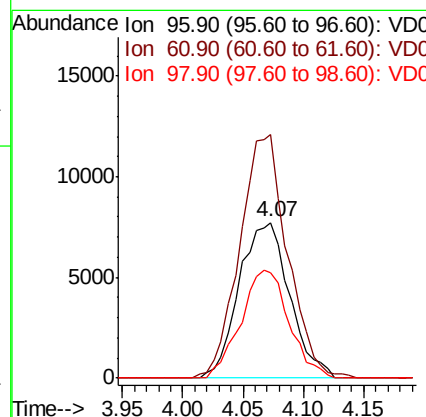
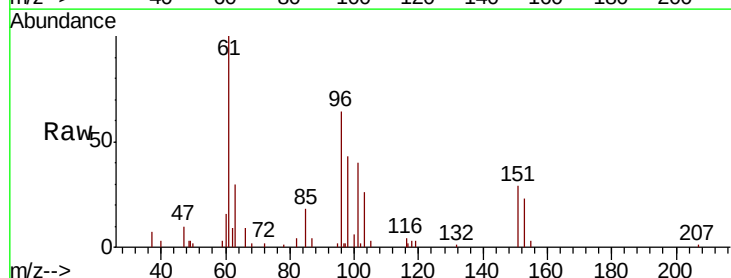
Tot Ion: 59 Resp: 5436
 Ion Ratio Lower Upper
 59 100
 57 0.0 3.4 5.0#

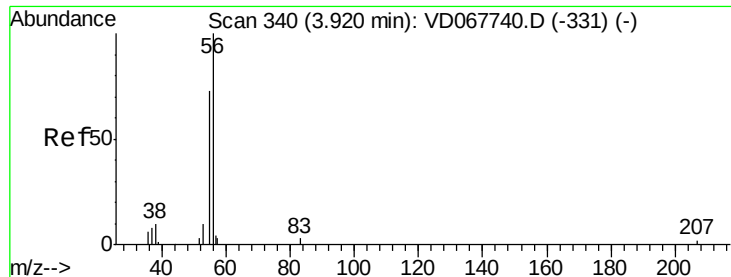


#12

1,1-Dichloroethene
 Concen: 10.468 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 96 Resp: 22380
 Ion Ratio Lower Upper
 96 100
 61 156.8 112.9 169.3
 98 67.8 52.4 78.6





#13

Acrolein

Concen: 49.032 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

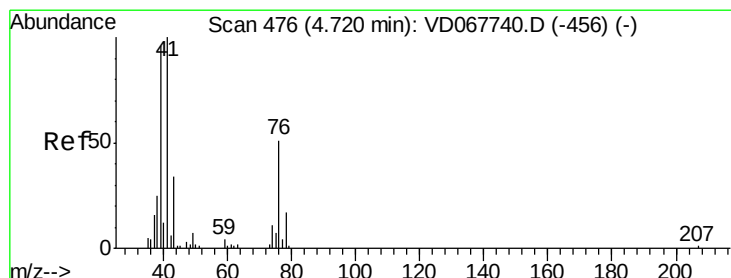
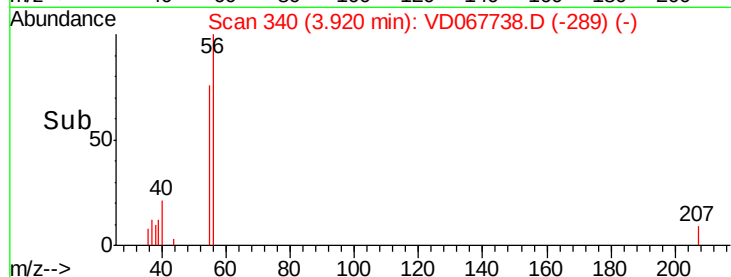
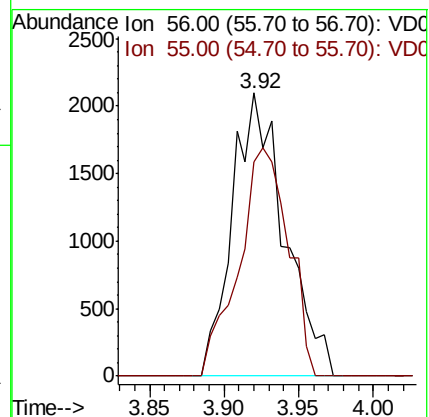
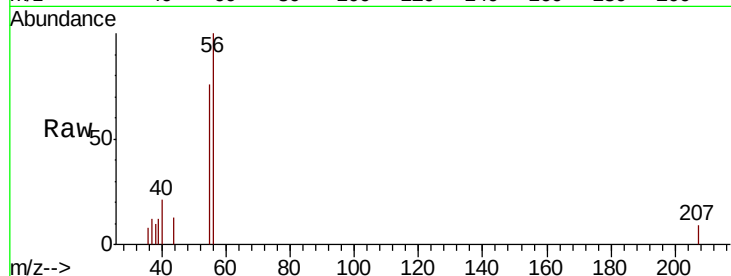
VSTDIC010

Tot Ion: 56 Resp: 5129

Ion Ratio Lower Upper

56 100

55 76.1 61.2 91.8



#14

Allyl chloride

Concen: 10.498 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

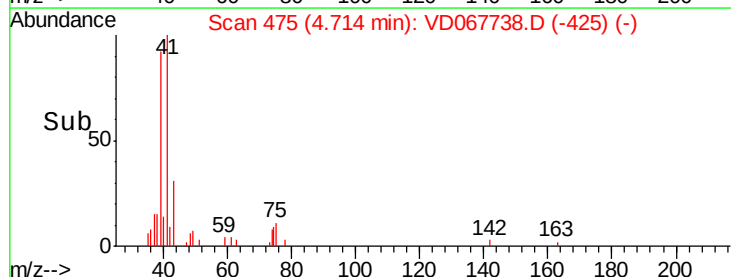
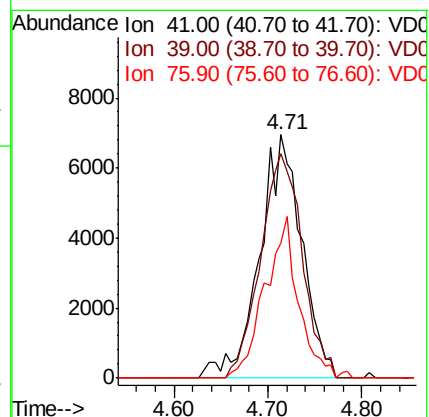
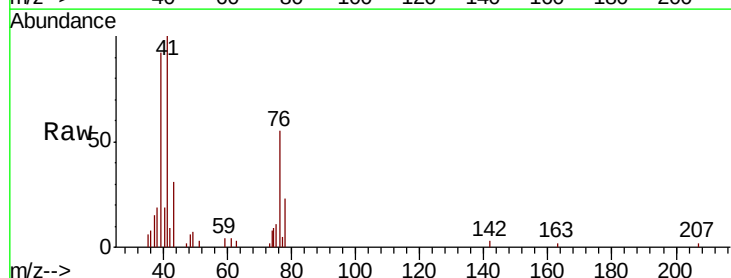
Tgt Ion: 41 Resp: 21566

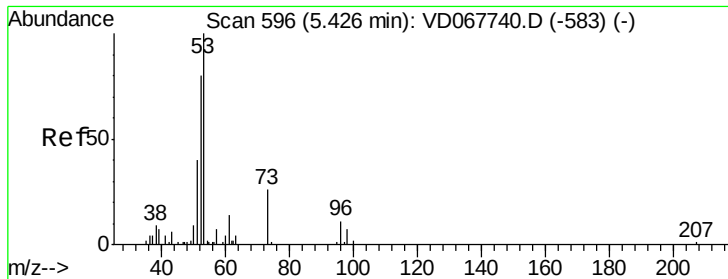
Ion Ratio Lower Upper

41 100

39 91.2 74.6 111.8

76 53.0 43.3 64.9





#15

Acrylonitrile

Concen: 54.721 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

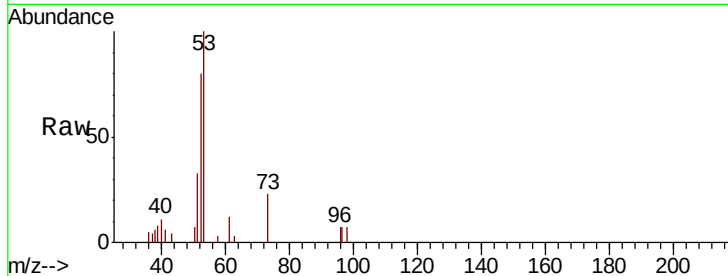
Tot Ion: 53 Resp: 18262

Ion Ratio Lower Upper

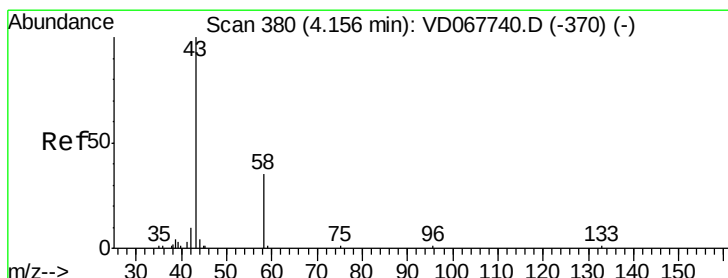
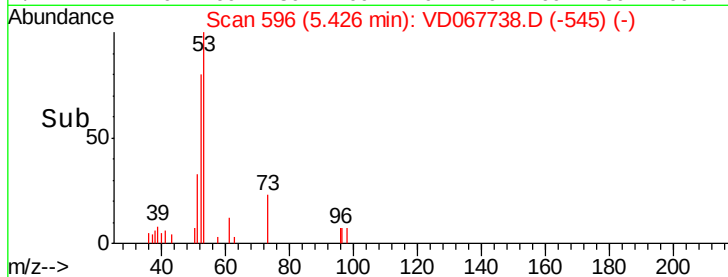
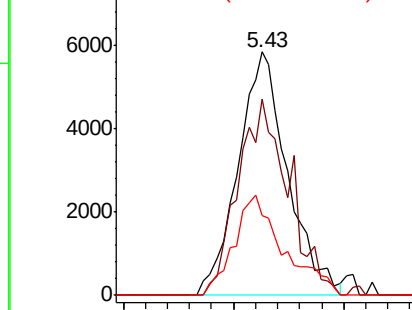
53 100

52 82.7 63.4 95.2

51 41.4 31.4 47.2



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: 53.014 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067738.D

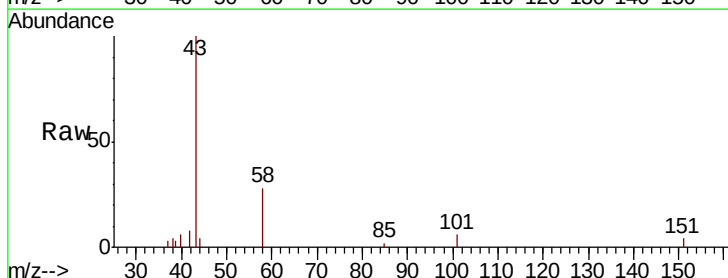
Acq: 23 Nov 2020 11:23

Tgt Ion: 43 Resp: 17797

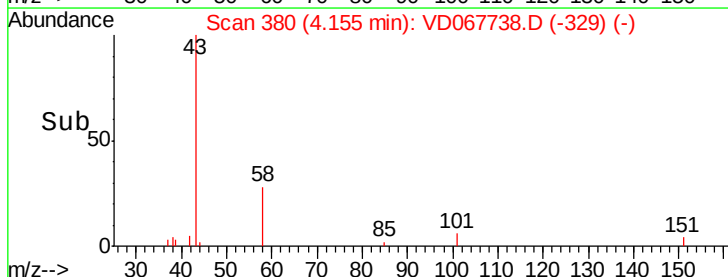
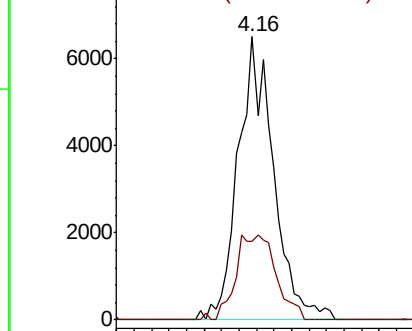
Ion Ratio Lower Upper

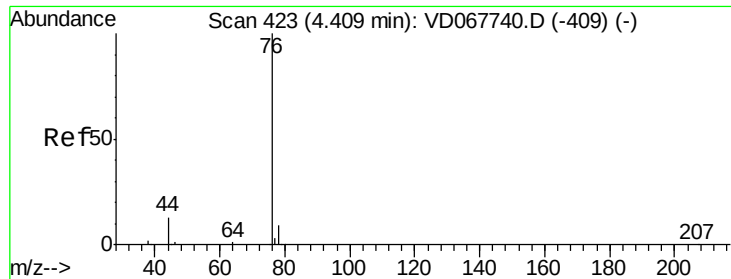
43 100

58 27.9 27.6 41.4



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

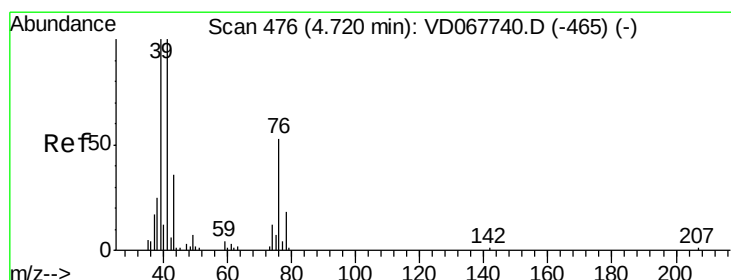
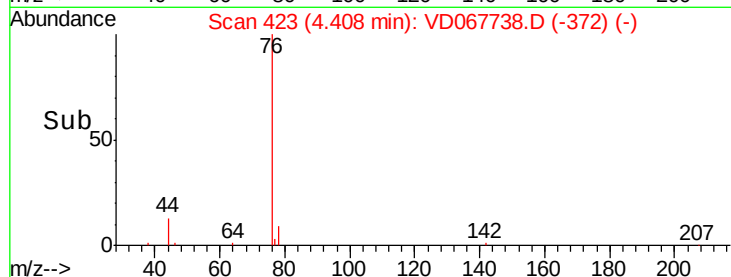
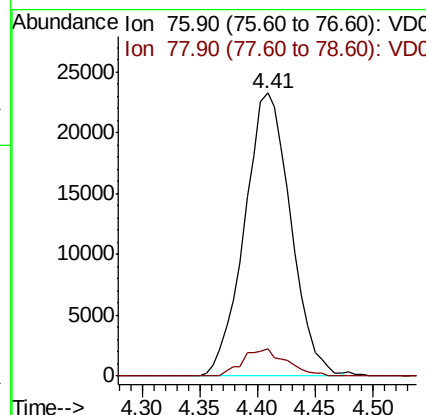
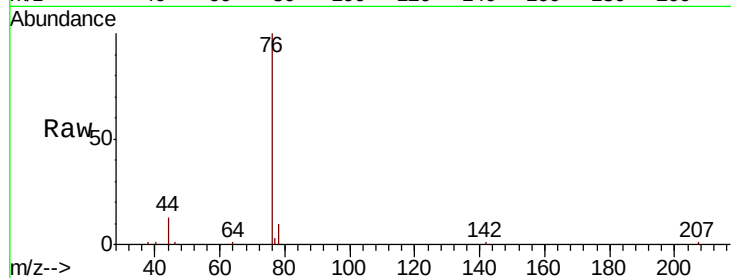




#17
Carbon Disulfide
Concen: 10.361 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

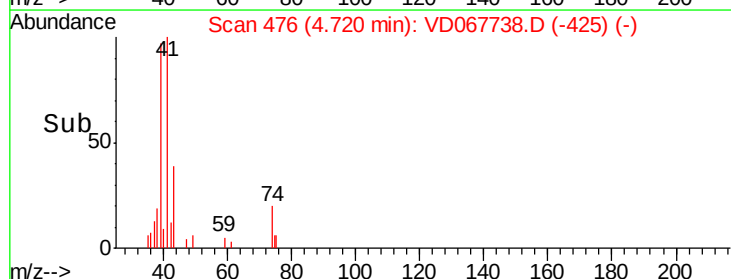
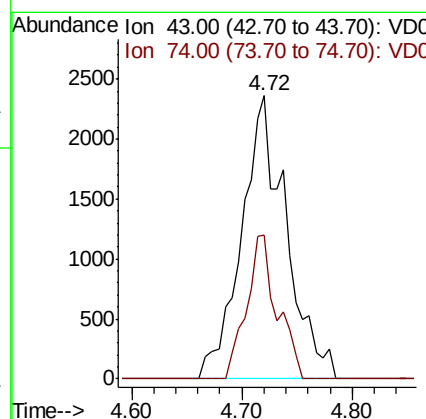
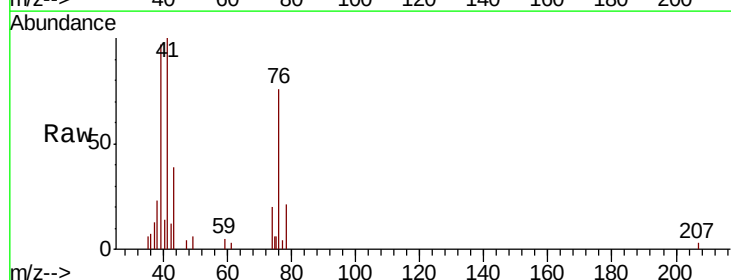
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

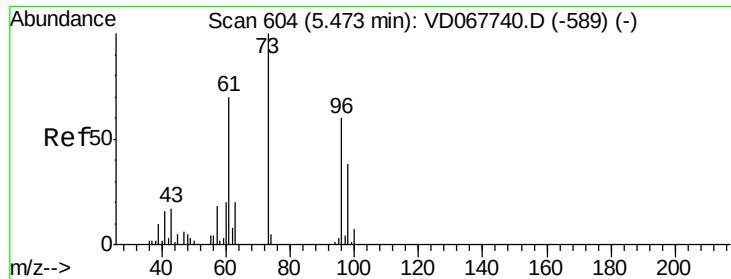
Tot Ion: 76 Resp: 64919
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 10.260 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
74 35.1 29.7 44.5

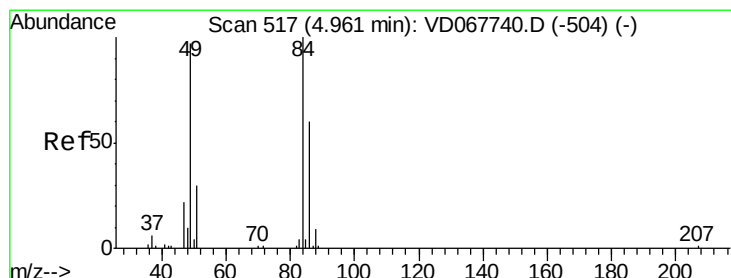
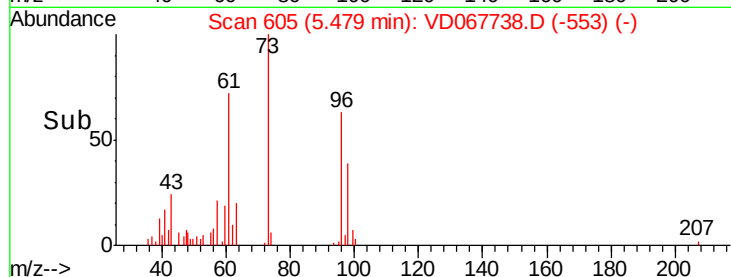
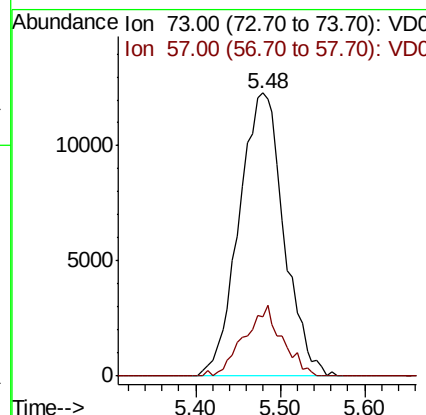
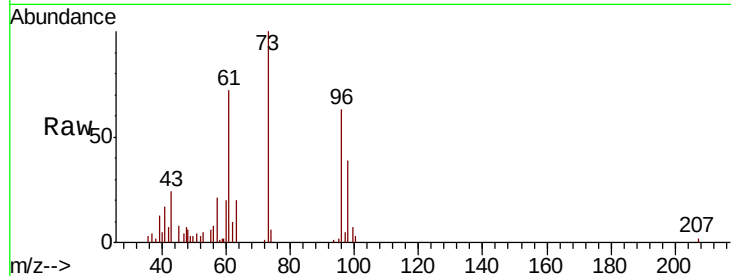




#19
Methyl tert-butyl Ether
Concen: 9.915 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

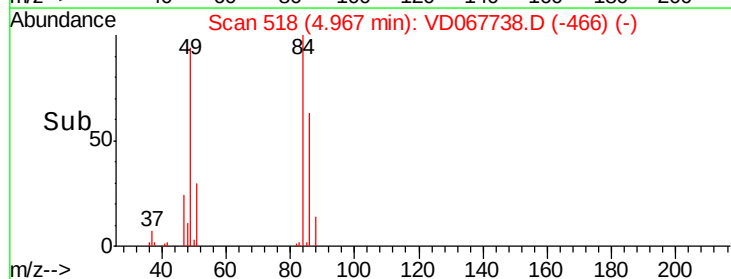
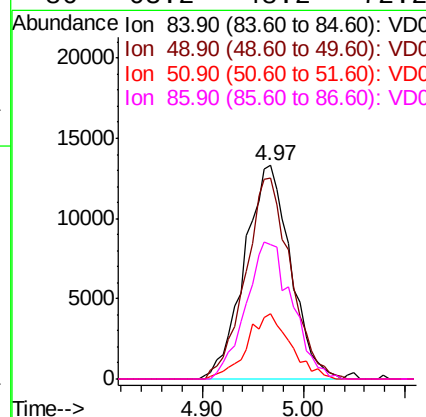
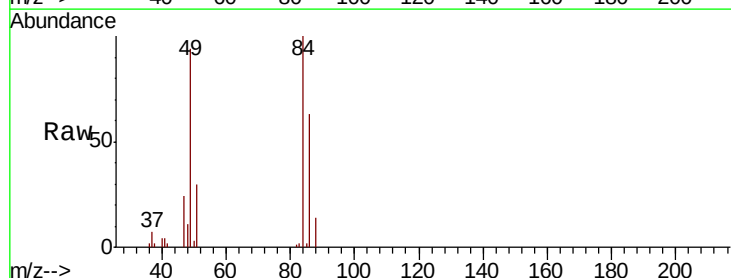
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

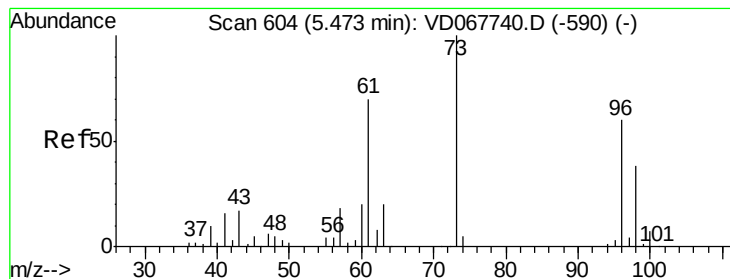
Tot Ion: 73 Resp: 45331
Ion Ratio Lower Upper
73 100
57 21.0 14.8 22.2



#20
Methylene Chloride
Concen: 12.654 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 84 Resp: 42112
Ion Ratio Lower Upper
84 100
49 93.8 77.4 116.2
51 30.3 24.1 36.1
86 63.2 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 10.679 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

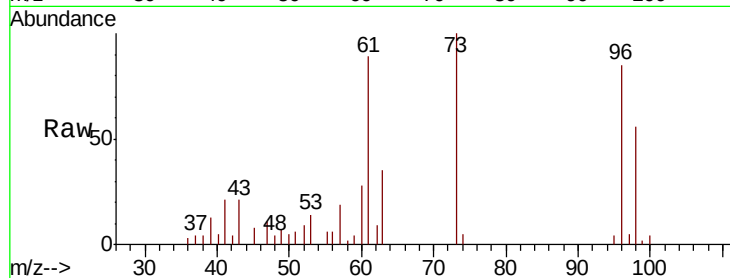
Tot Ion: 96 Resp: 25555

Ion Ratio Lower Upper

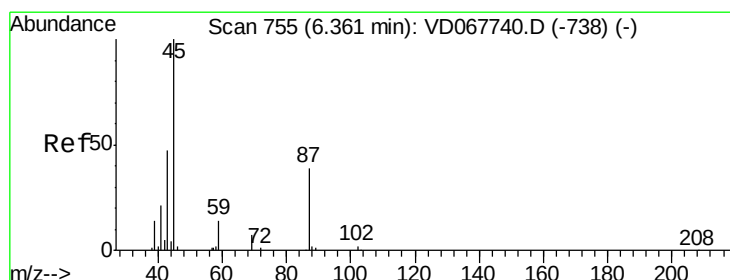
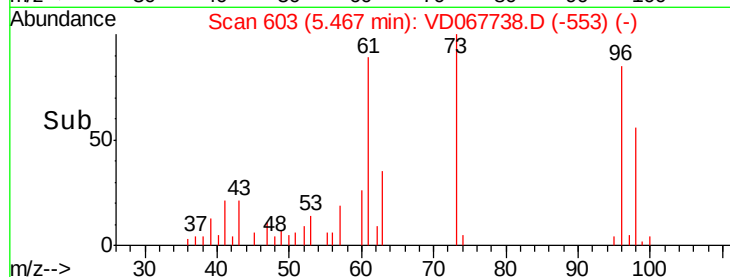
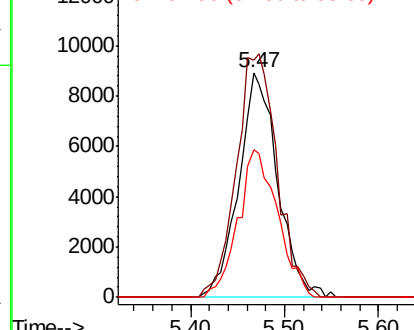
96 100

61 105.3 94.0 141.0

98 65.7 51.3 76.9



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



#22

Diisopropyl ether

Concen: 10.545 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Tgt Ion: 45 Resp: 42633

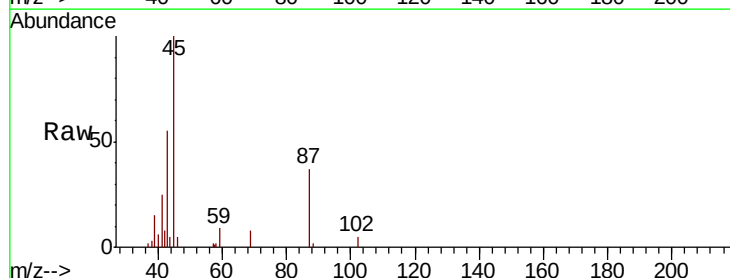
Ion Ratio Lower Upper

45 100

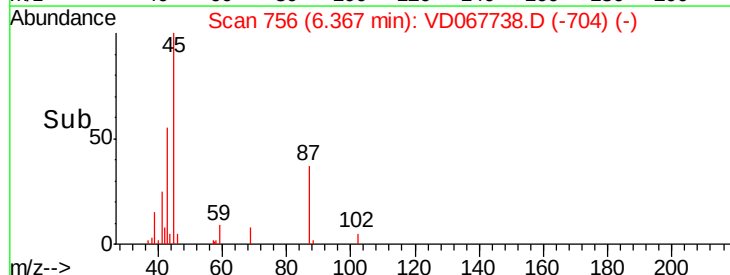
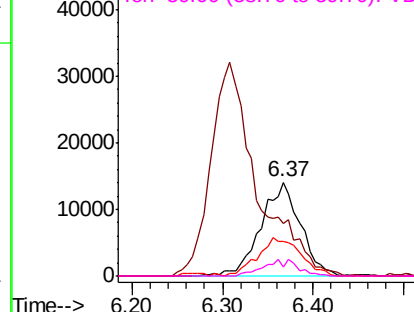
43 54.2 46.8 70.2

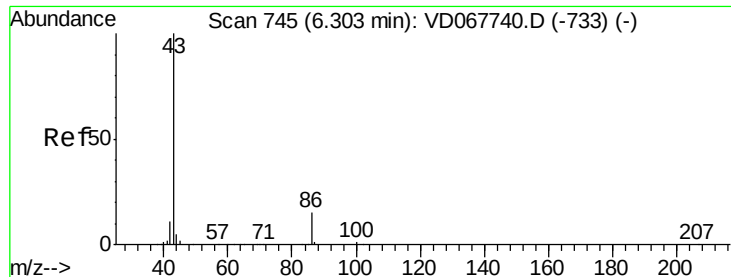
87 37.0 32.9 49.3

59 8.9 11.2 16.8#



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 49.911 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

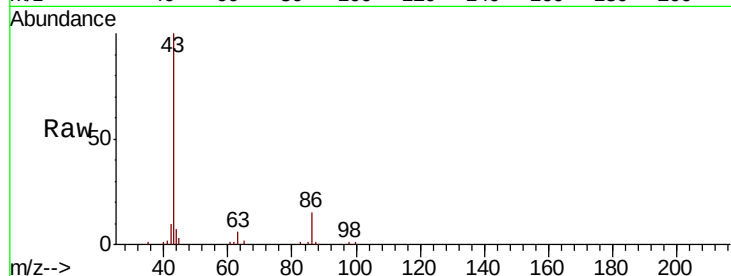
VSTDIC010

Tot Ion: 43 Resp: 114583

Ion Ratio Lower Upper

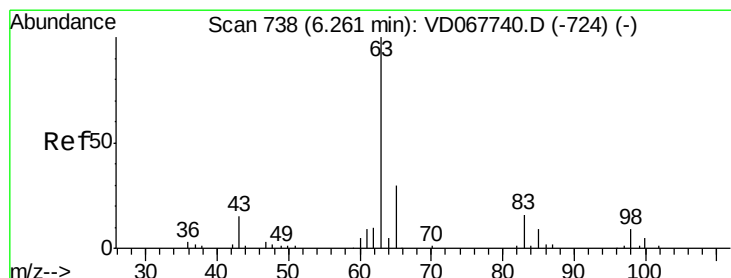
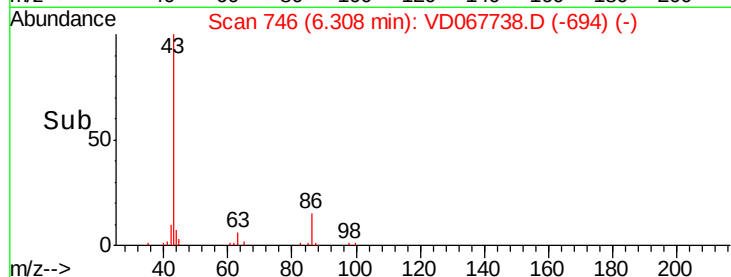
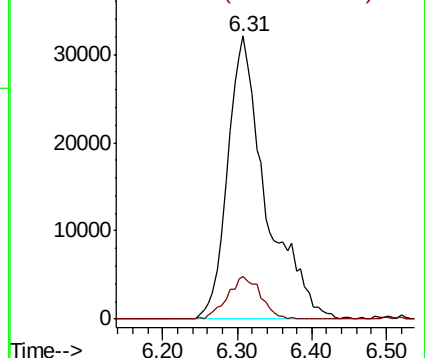
43 100

86 14.9 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.405 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

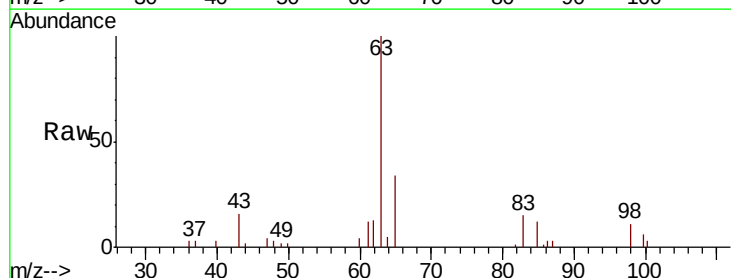
Tgt Ion: 63 Resp: 36405

Ion Ratio Lower Upper

63 100

98 11.5 4.4 13.2

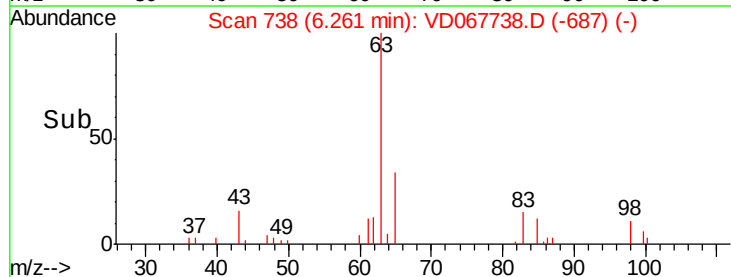
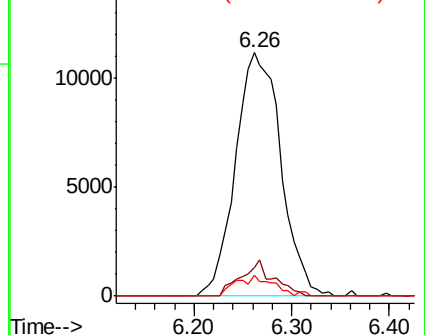
100 8.8 2.6 8.0#

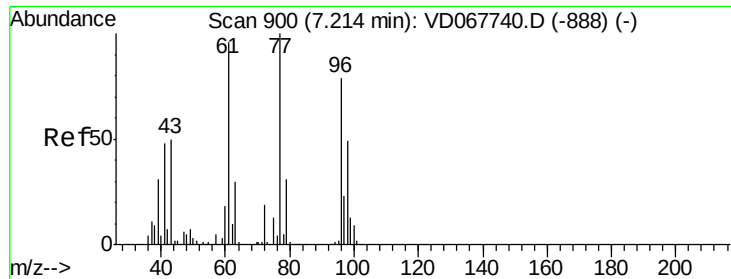


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

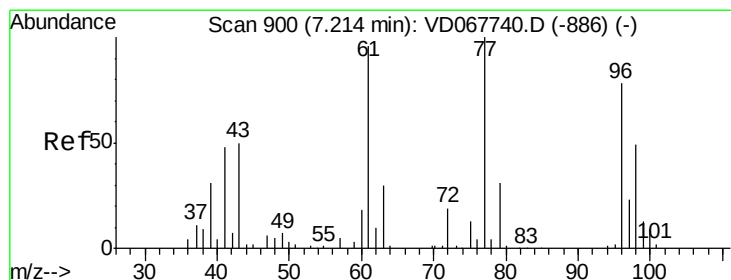
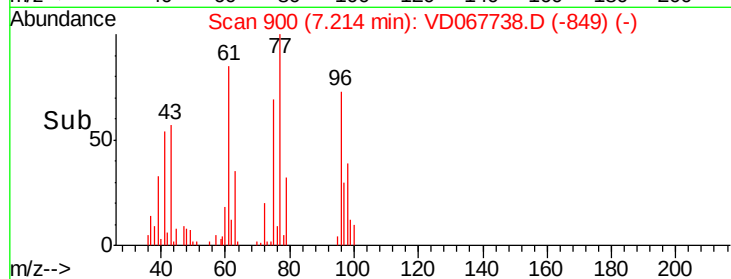
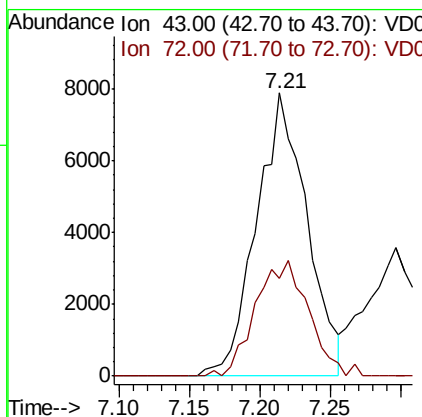
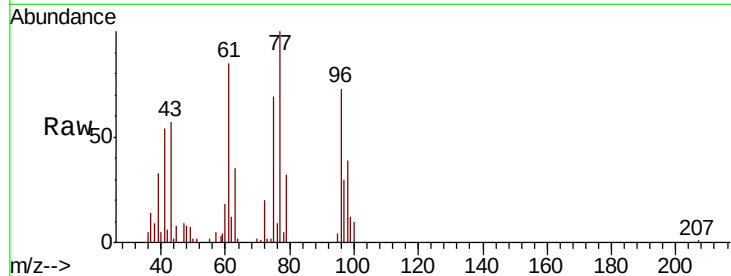




#25
 2-Butanone
 Concen: 54.951 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

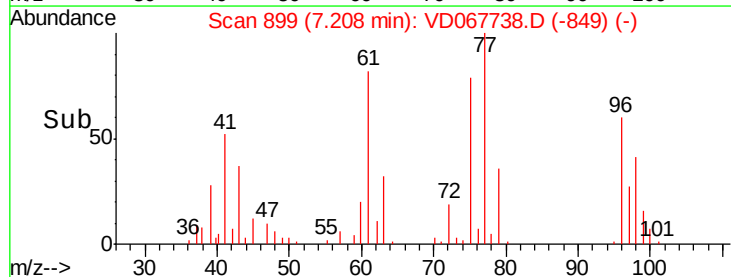
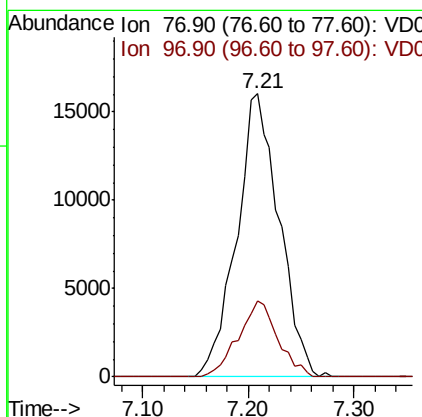
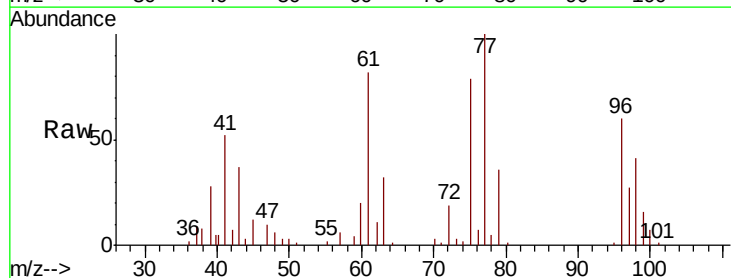
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

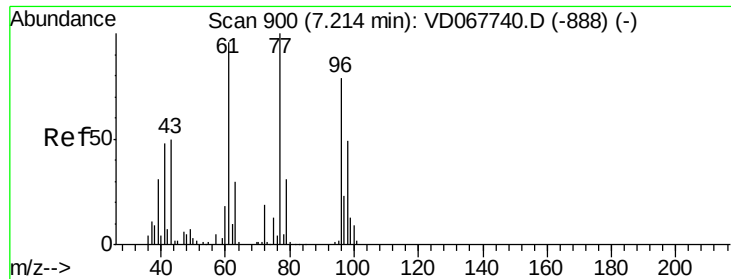
Tot Ion: 43 Resp: 19696
 Ion Ratio Lower Upper
 43 100
 72 34.4 30.8 46.2



#26
 2,2-Dichloropropane
 Concen: 10.895 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 77 Resp: 44632
 Ion Ratio Lower Upper
 77 100
 97 25.0 11.1 33.3



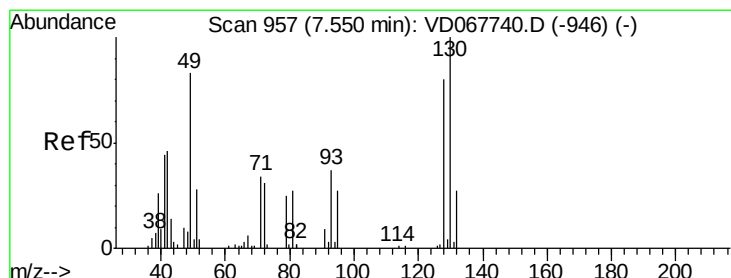
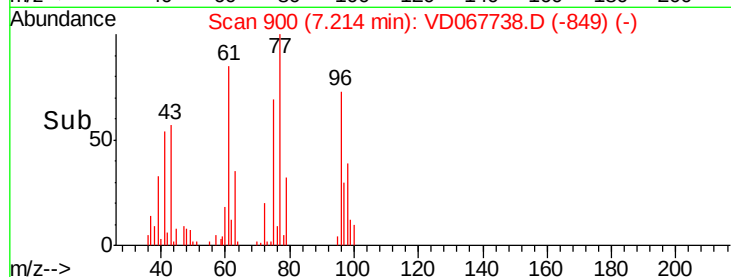
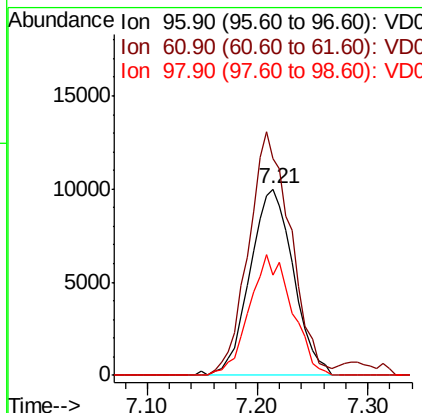
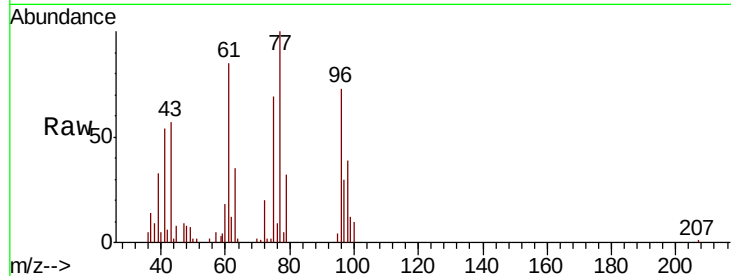


#27

cis-1,2-Dichloroethene
Concen: 10.664 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

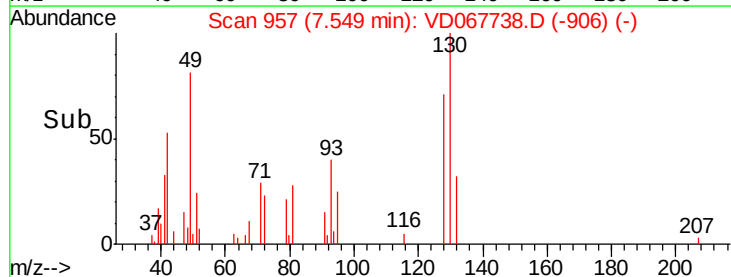
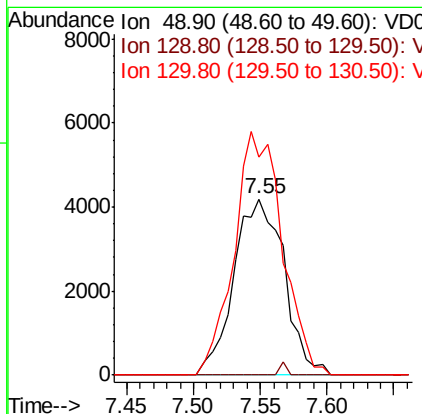
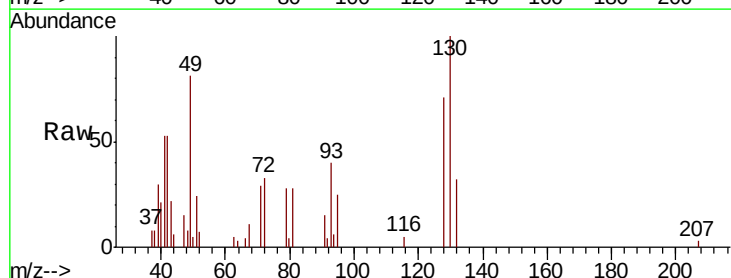
Tot Ion: 96 Resp: 27542
Ion Ratio Lower Upper
96 100
61 127.3 0.0 258.0
98 63.3 0.0 131.8

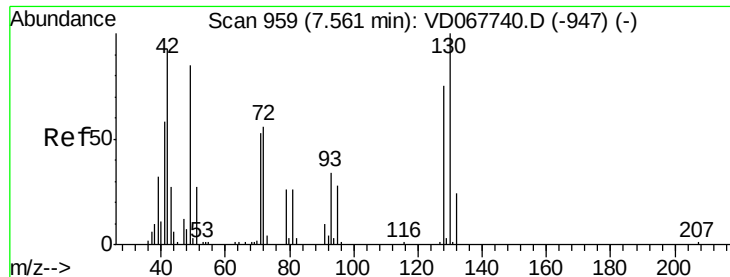


#28

Bromochloromethane
Concen: 9.796 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 49 Resp: 10944
Ion Ratio Lower Upper
49 100
129 0.0 0.0 7.0
130 132.7 102.2 153.4





#29

Tetrahydrofuran

Concen: 54.570 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

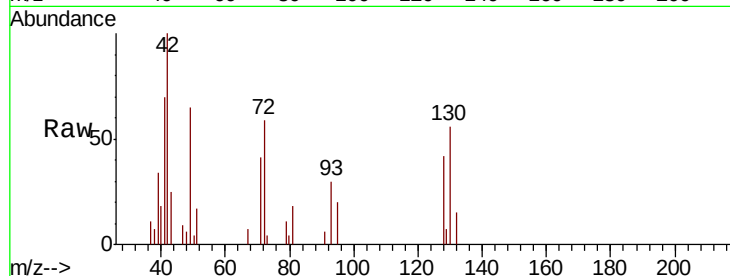
Tot Ion: 42 Resp: 11465

Ion Ratio Lower Upper

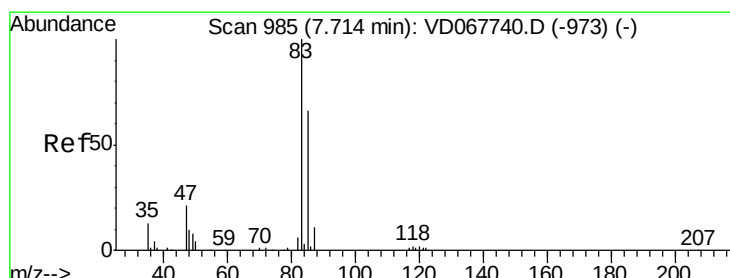
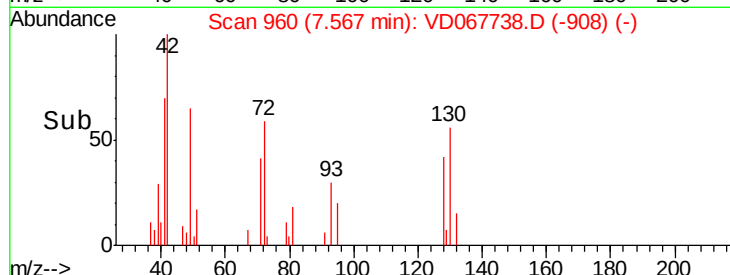
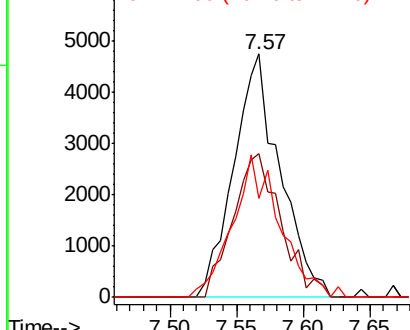
42 100

72 61.1 49.3 73.9

71 59.9 45.9 68.9



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: 10.915 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067738.D

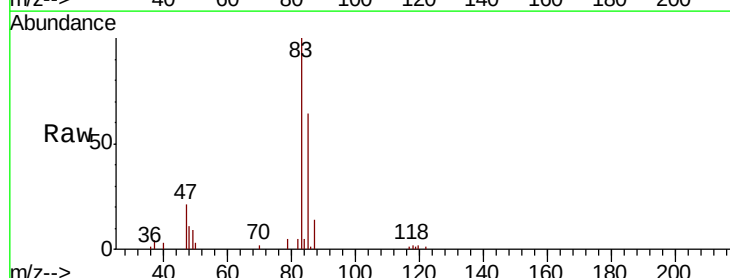
Acq: 23 Nov 2020 11:23

Tgt Ion: 83 Resp: 49531

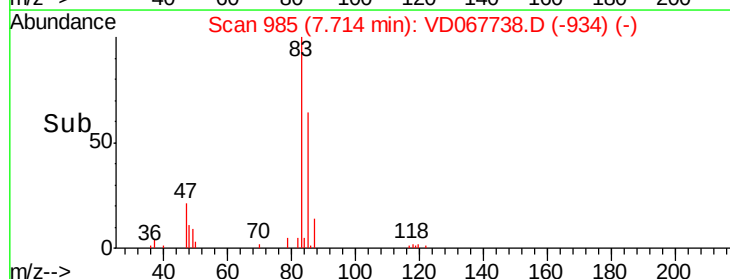
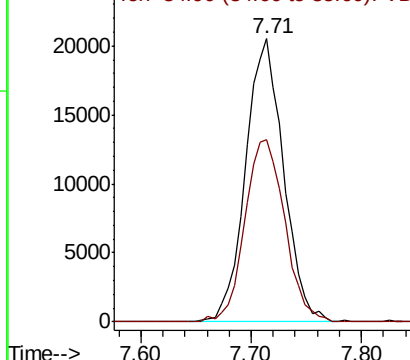
Ion Ratio Lower Upper

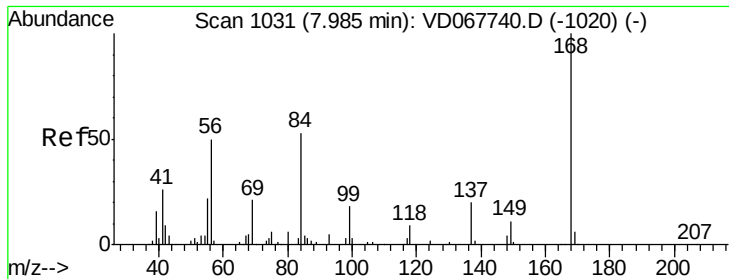
83 100

85 64.4 53.1 79.7



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

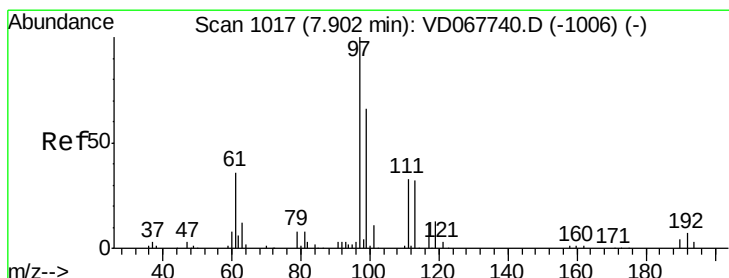
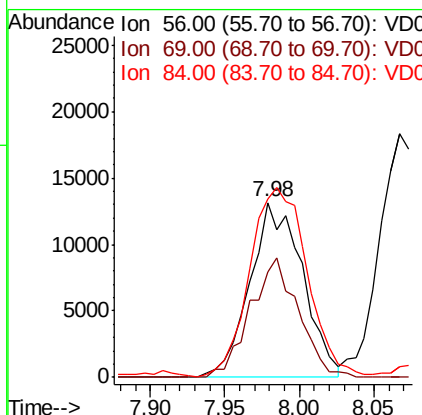
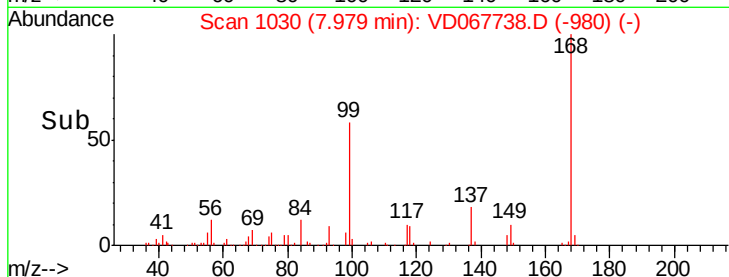
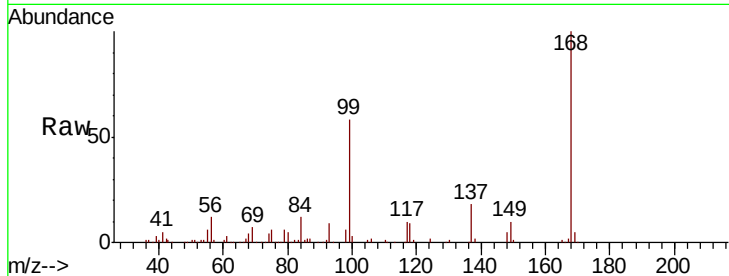




#31
Cyclohexane
Concen: 10.637 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

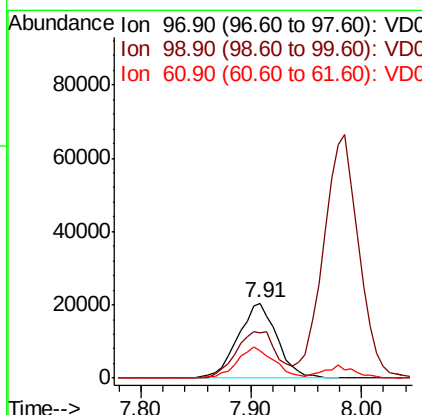
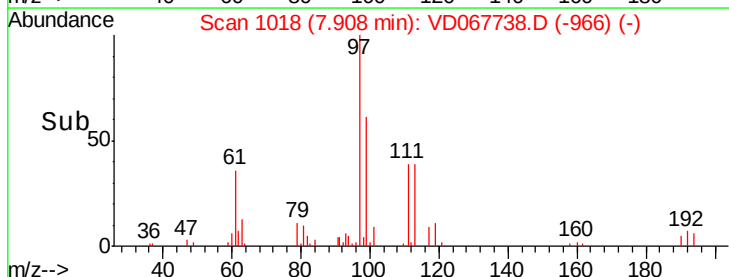
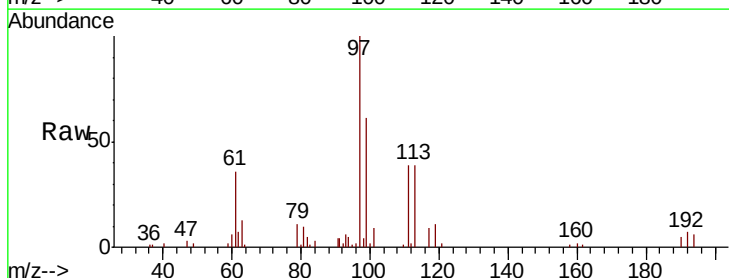
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

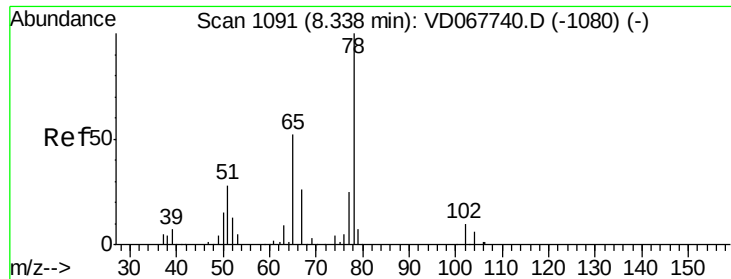
Tot Ion: 56 Resp: 32180
Ion Ratio Lower Upper
56 100
69 60.6 33.2 49.8#
84 100.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.464 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 97 Resp: 50591
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 39.5 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 10.324 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

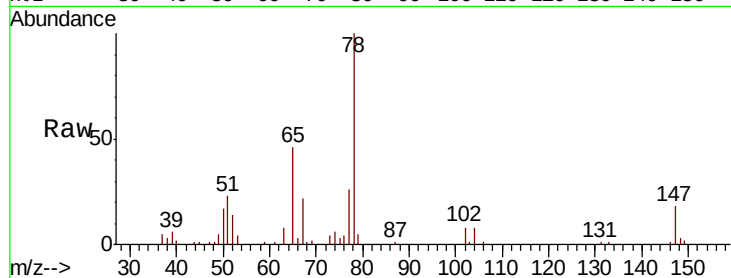
VSTDIC010

Tot Ion: 65 Resp: 26164

Ion Ratio Lower Upper

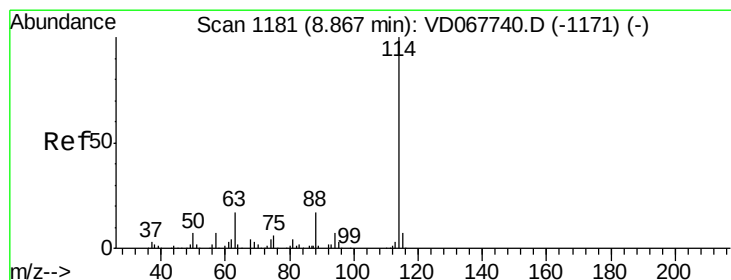
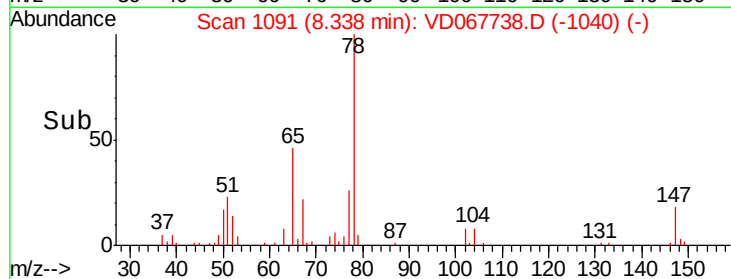
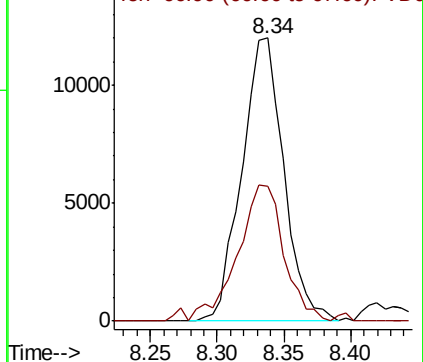
65 100

67 52.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

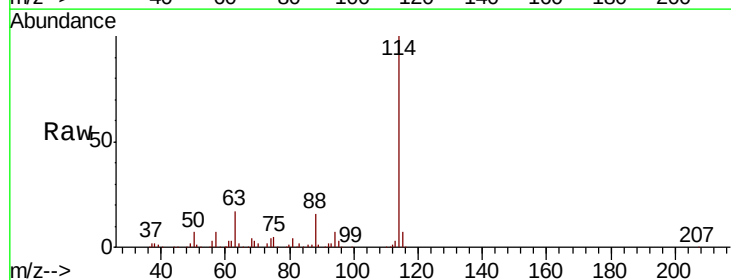
Tgt Ion:114 Resp: 373305

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.8

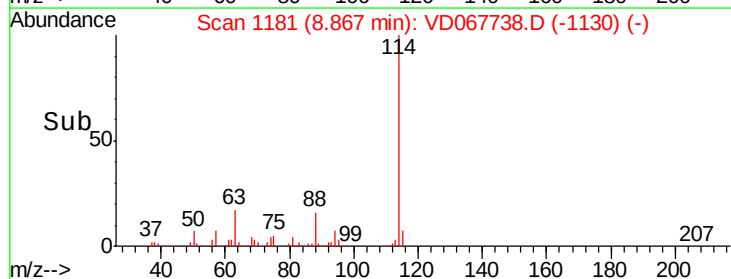
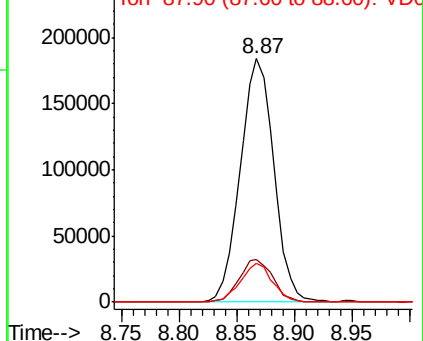
88 15.8 0.0 34.4

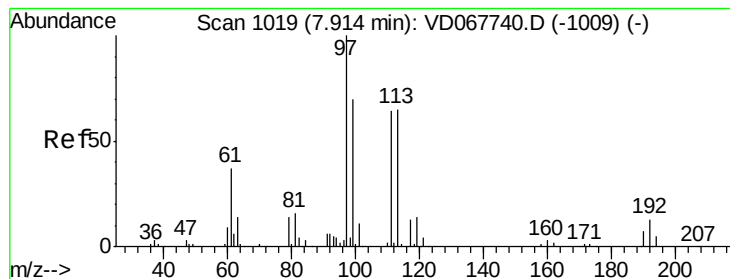


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 10.469 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

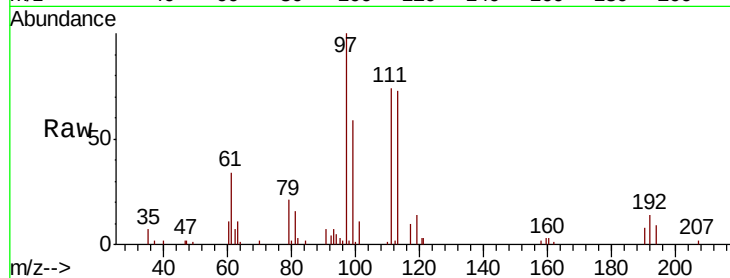
Tot Ion:113 Resp: 25020

Ion Ratio Lower Upper

113 100

111 96.7 81.4 122.0

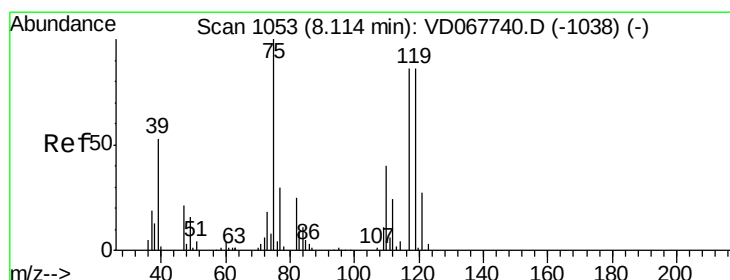
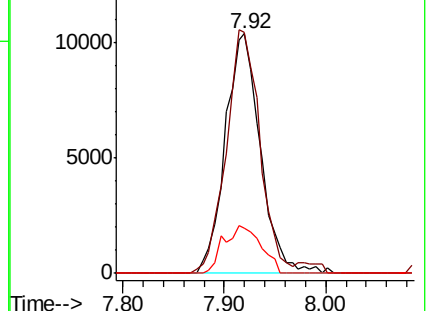
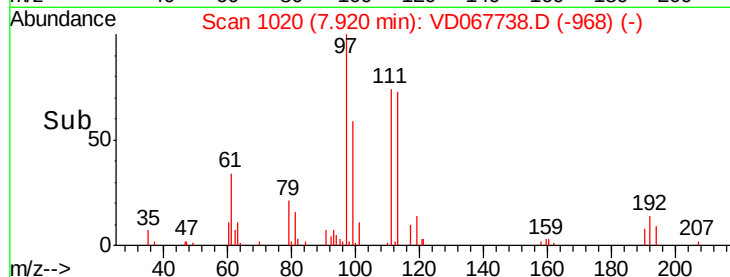
192 21.1 17.0 25.4



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: 10.818 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

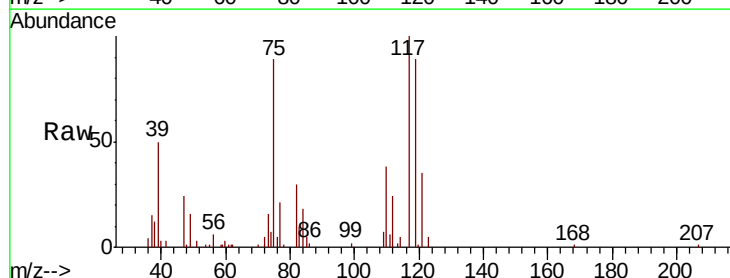
Tgt Ion: 75 Resp: 34960

Ion Ratio Lower Upper

75 100

110 40.9 20.1 60.2

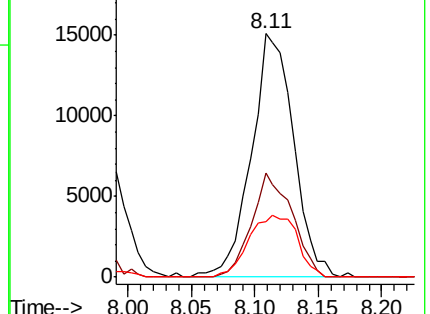
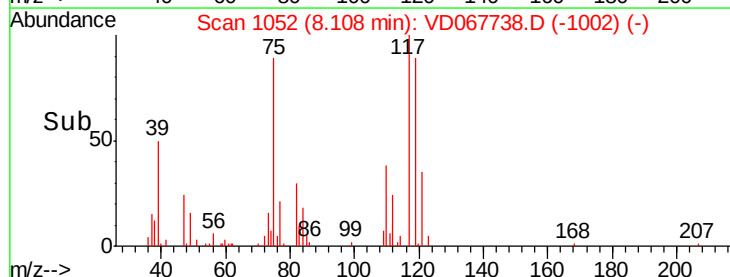
77 29.0 24.8 37.2

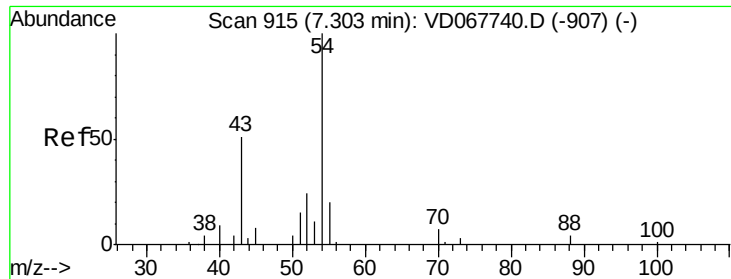


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

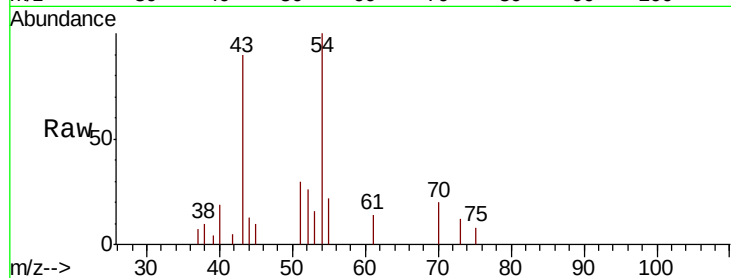




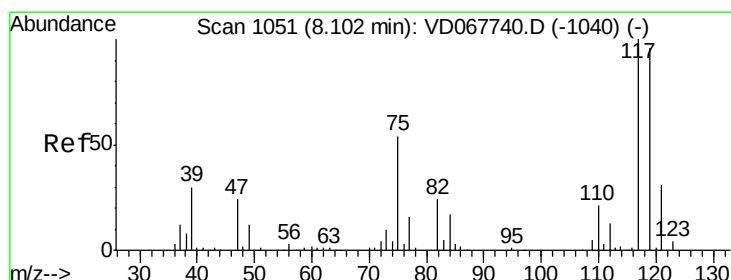
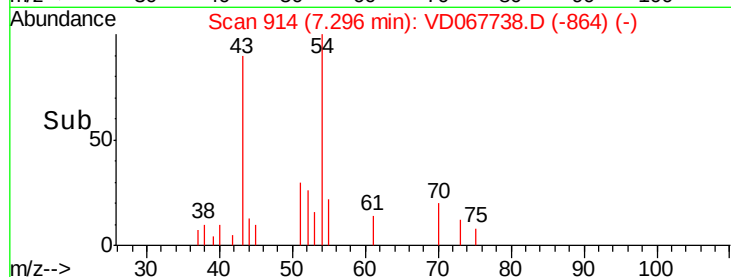
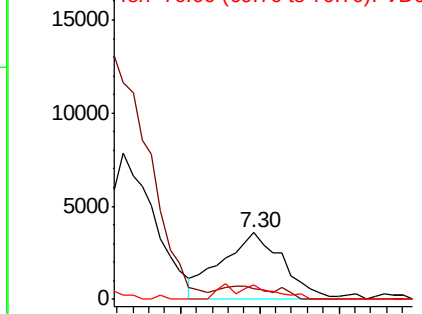
#37
Ethyl Acetate
Concen: 11.472 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 9739
Ion Ratio Lower Upper
43 100
61 18.2 12.9 19.3
70 9.0 12.2 18.2#

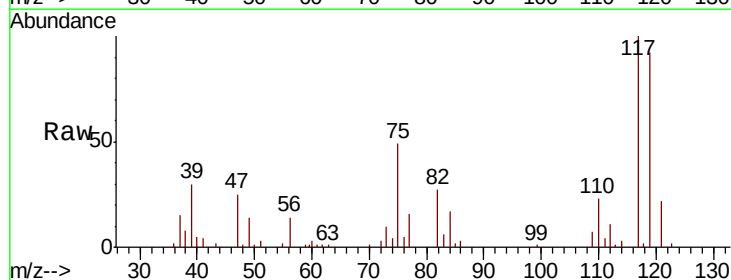


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

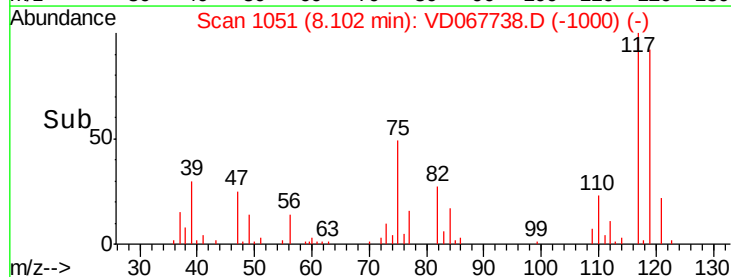
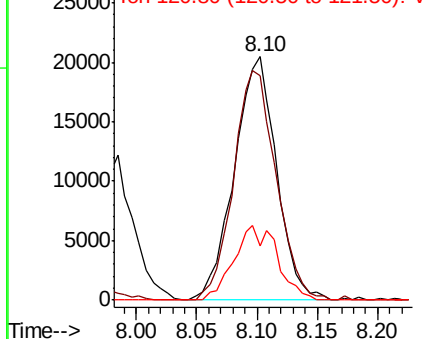


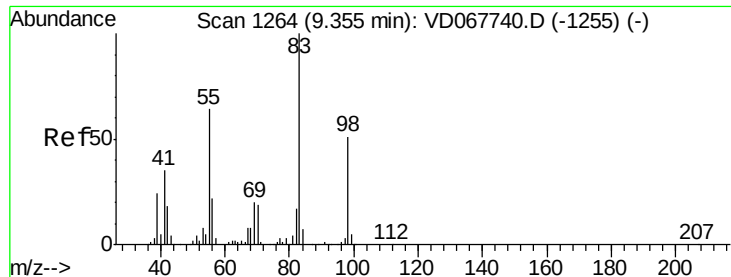
#38
Carbon Tetrachloride
Concen: 10.498 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 117 Resp: 49782
Ion Ratio Lower Upper
117 100
119 92.2 76.6 115.0
121 22.3 24.5 36.7#



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

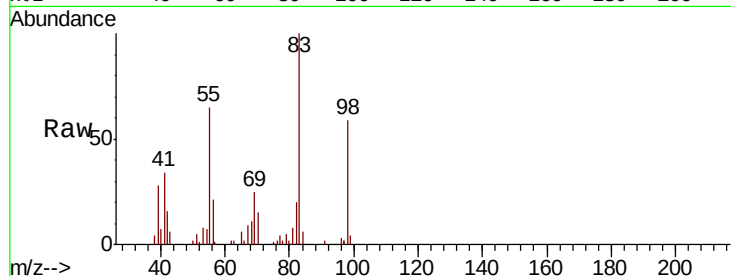




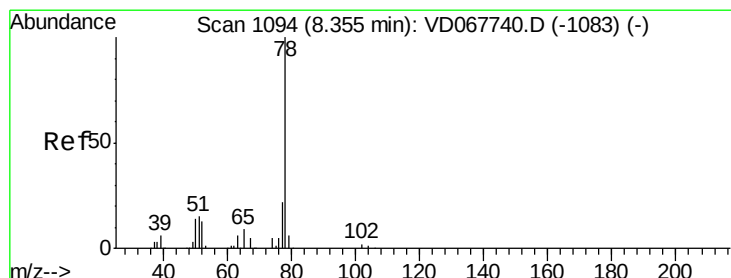
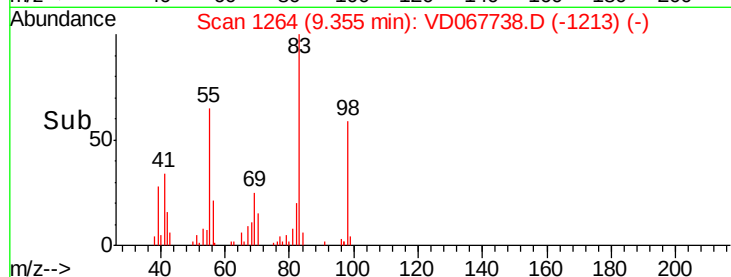
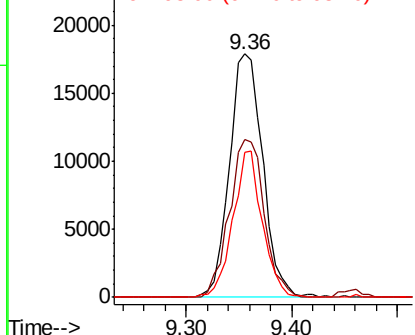
#39
Methylvlcyclohexane
Concen: 10.143 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 83 Resp: 38927
Ion Ratio Lower Upper
83 100
55 64.7 51.0 76.4
98 59.5 40.4 60.6

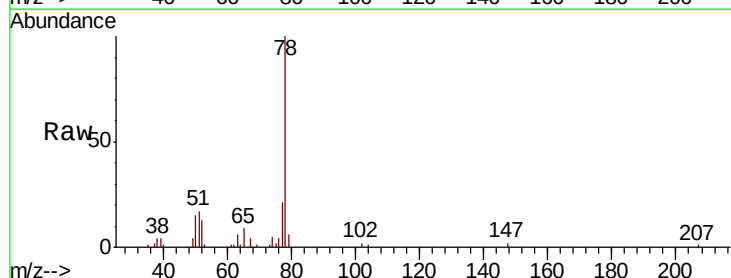


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

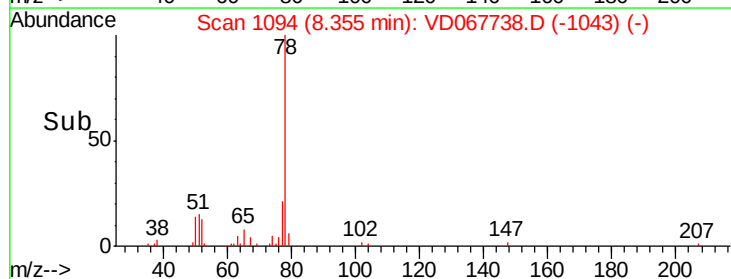
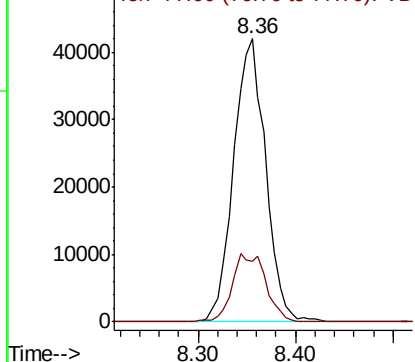


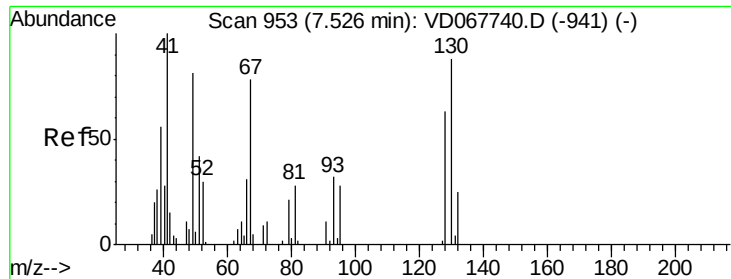
#40
Benzene
Concen: 10.791 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 78 Resp: 96174
Ion Ratio Lower Upper
78 100
77 21.3 17.8 26.6



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

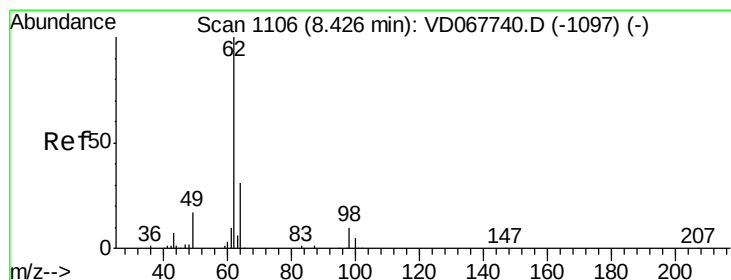
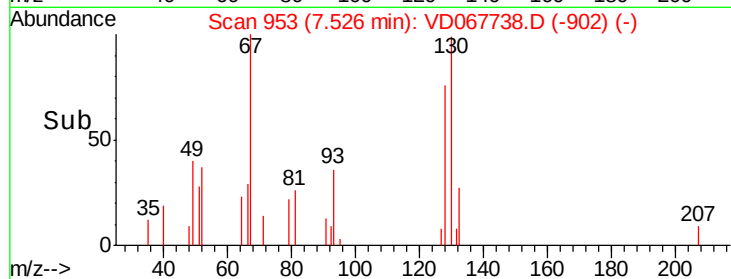
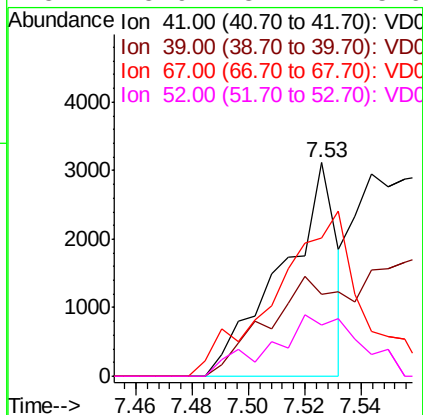
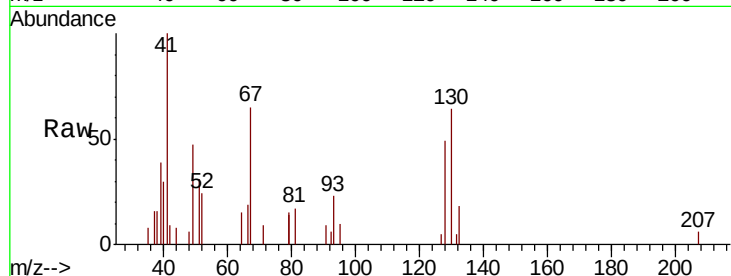




#41
Methacrylonitrile
Concen: 10.706 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

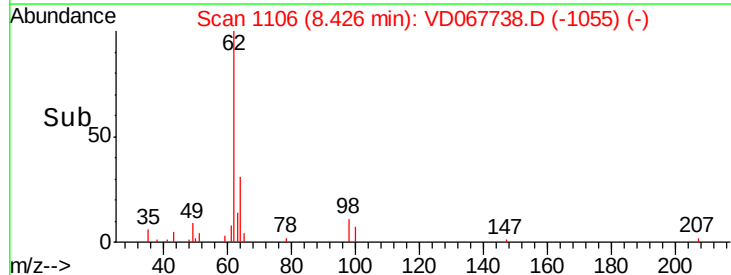
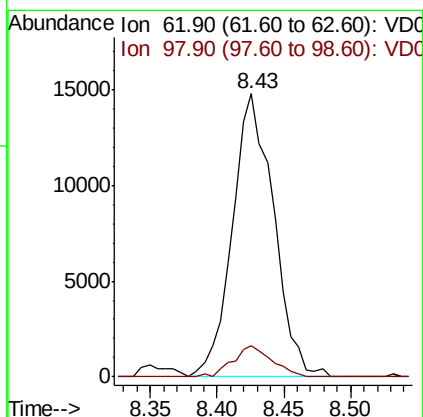
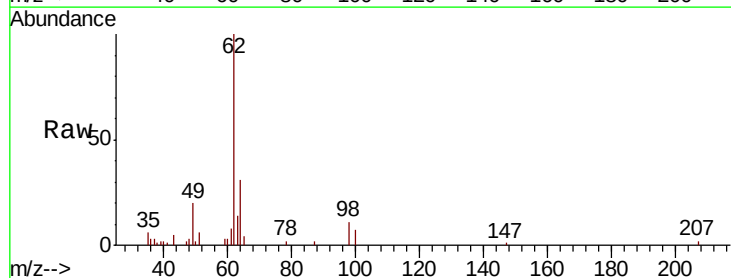
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

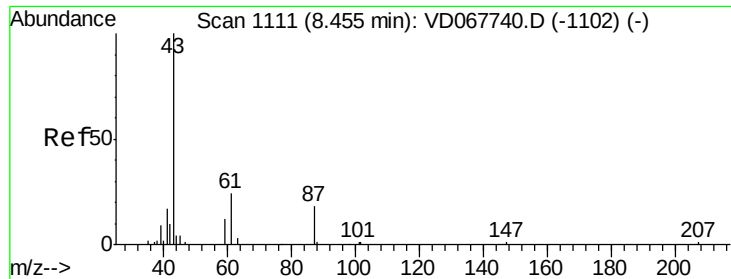
Tot Ion: 41 Resp: 4221
Ion Ratio Lower Upper
41 100
39 68.6 50.2 75.4
67 122.5 79.0 118.6#
52 45.9 32.4 48.6



#42
1,2-Dichloroethane
Concen: 10.576 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 62 Resp: 31667
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 10.642 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

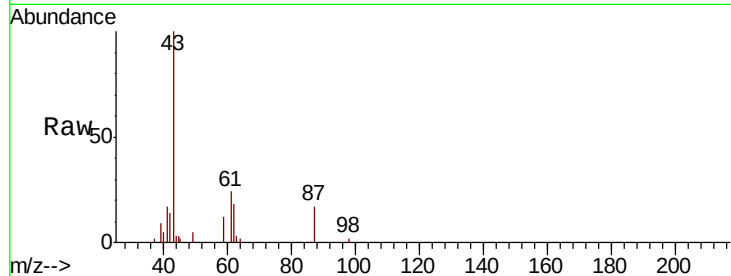
Tot Ion: 43 Resp: 18280

Ion Ratio Lower Upper

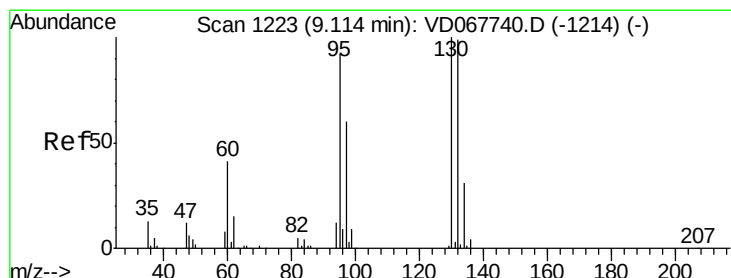
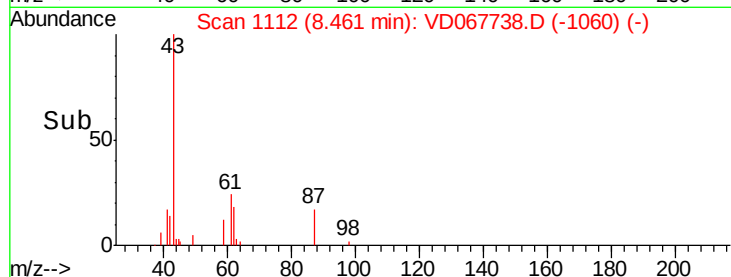
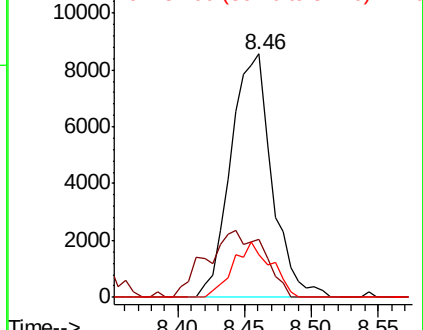
43 100

61 38.2 30.2 45.4

87 21.2 14.2 21.4



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



#44

Trichloroethene

Concen: 10.708 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067738.D

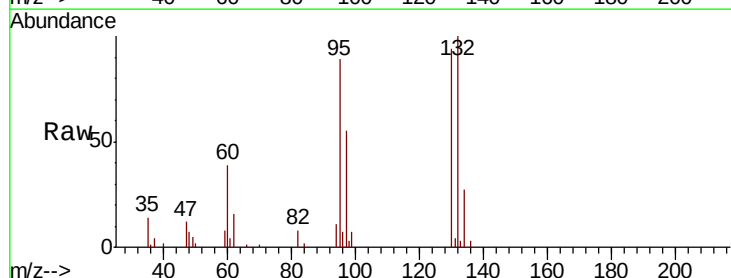
Acq: 23 Nov 2020 11:23

Tgt Ion:130 Resp: 31819

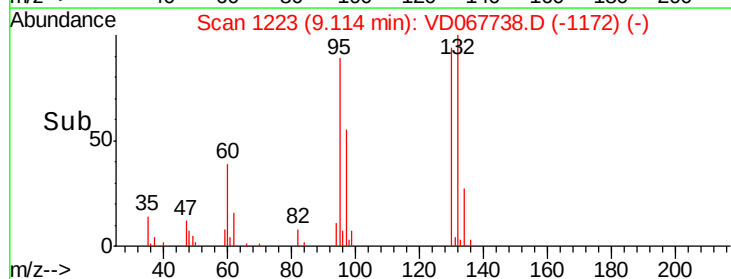
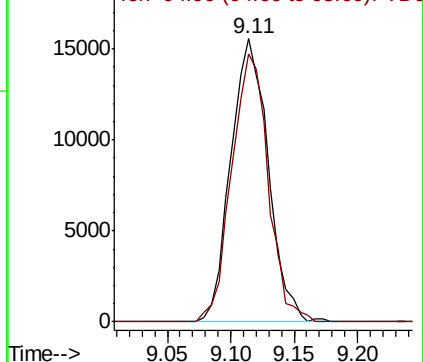
Ion Ratio Lower Upper

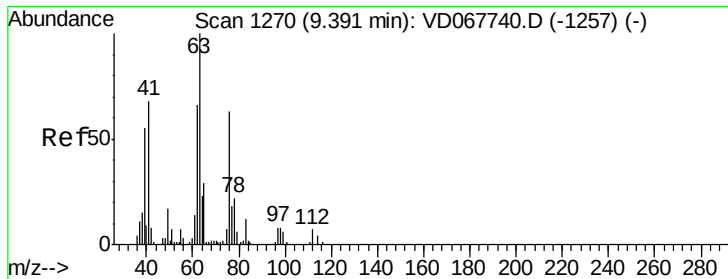
130 100

95 94.5 0.0 184.2



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





#45

1,2-Dichloropropane

Concen: 10.866 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

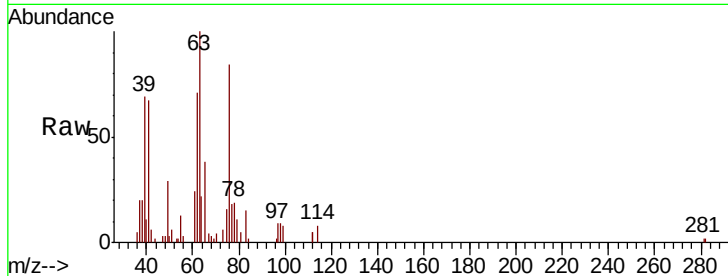
VSTDIC010

Tot Ion: 63 Resp: 19691

Ion Ratio Lower Upper

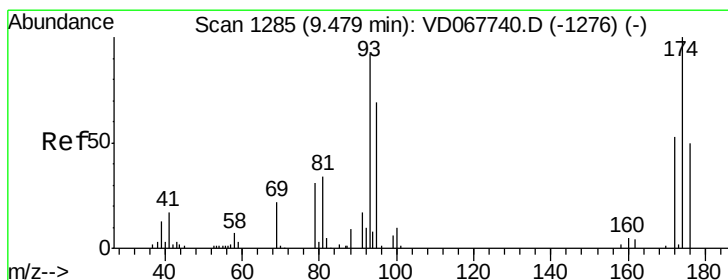
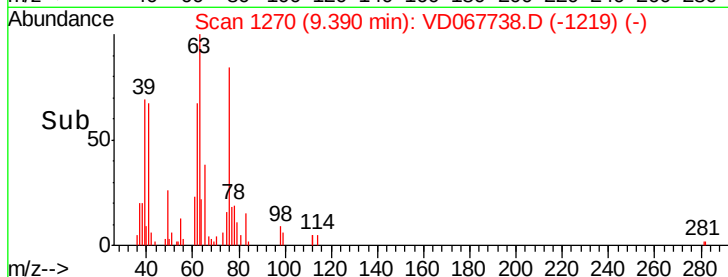
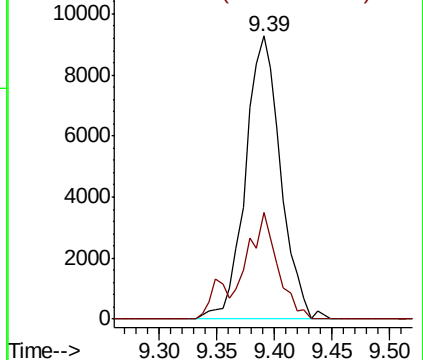
63 100

65 37.7 23.1 34.7#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 11.074 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

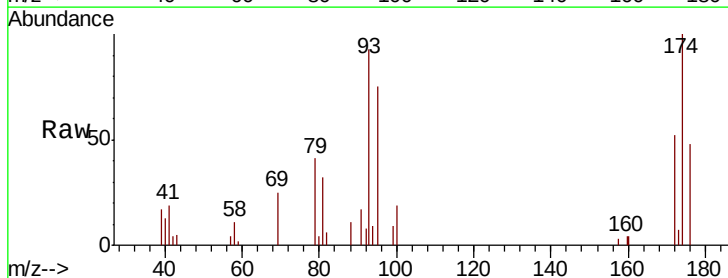
Tgt Ion: 93 Resp: 13478

Ion Ratio Lower Upper

93 100

95 82.5 63.4 95.2

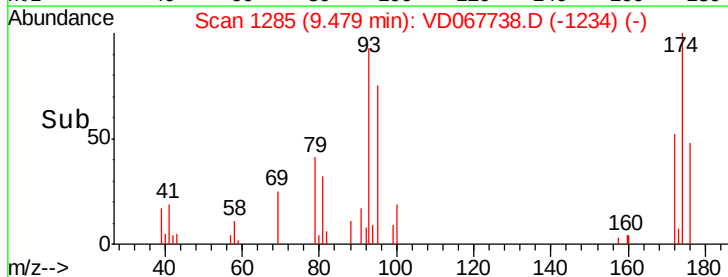
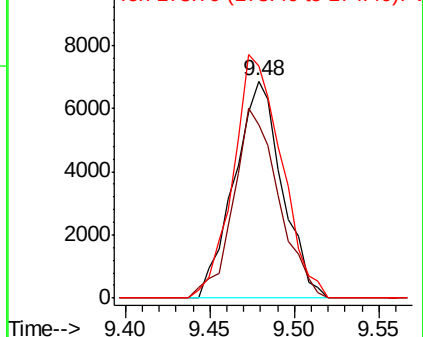
174 112.6 89.6 134.4

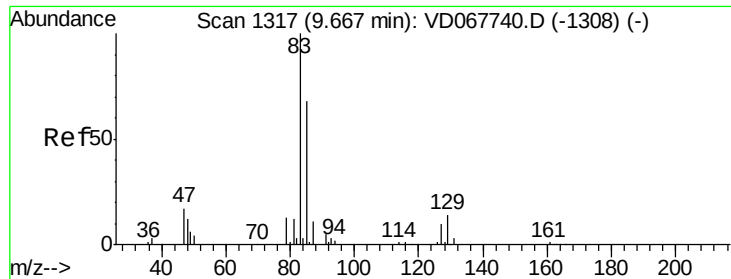


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

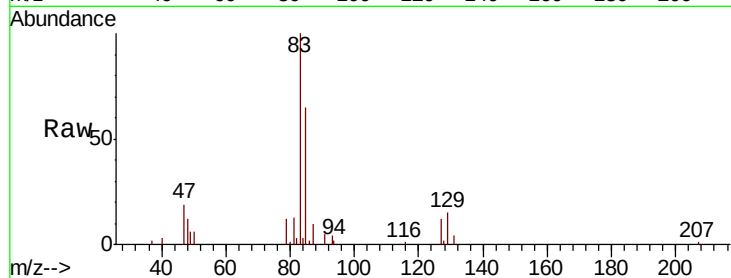




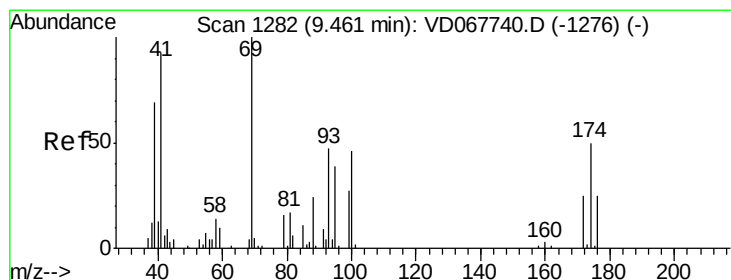
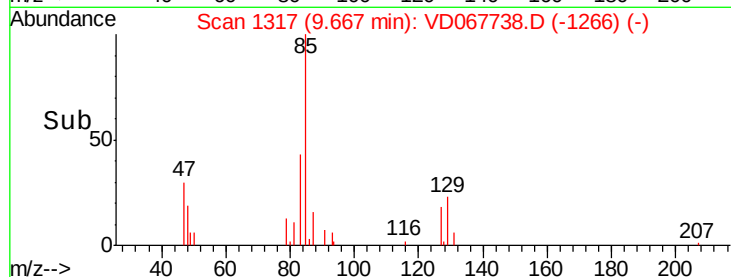
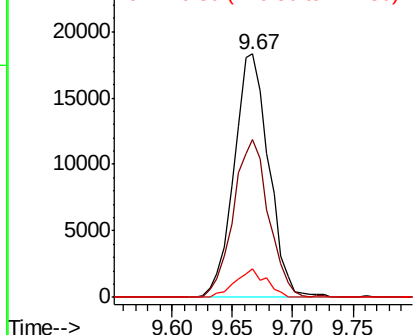
#47
Bromodichloromethane
Concen: 10.705 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 83 Resp: 36824
Ion Ratio Lower Upper
83 100
85 65.0 54.2 81.2
127 11.5 7.6 11.4#

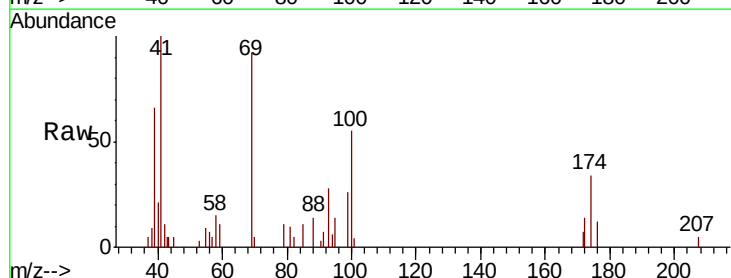


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

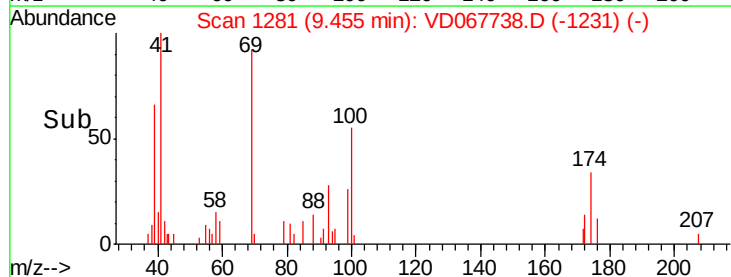
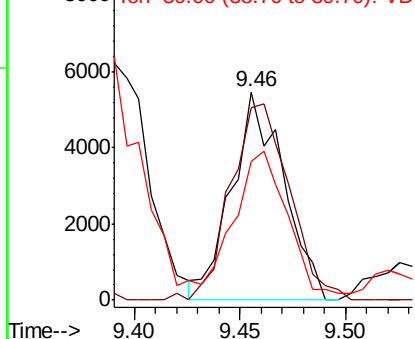


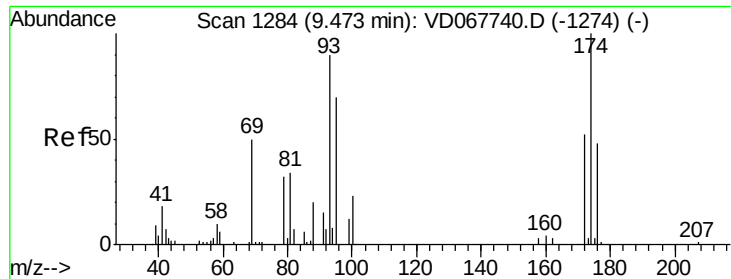
#48
Methyl methacrylate
Concen: 10.969 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 41 Resp: 9334
Ion Ratio Lower Upper
41 100
69 106.9 87.8 131.6
39 75.1 60.5 90.7



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 188.556 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

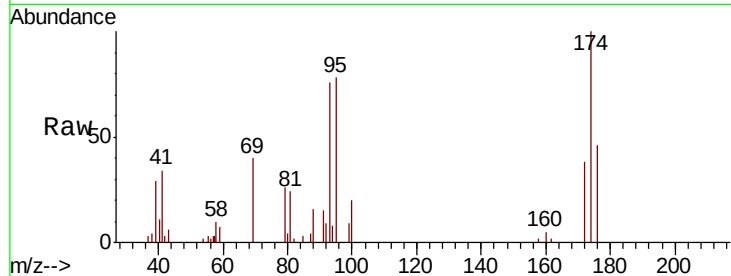
Tot Ion: 88 Resp: 2489

Ion Ratio Lower Upper

88 100

43 40.3 25.2 37.8#

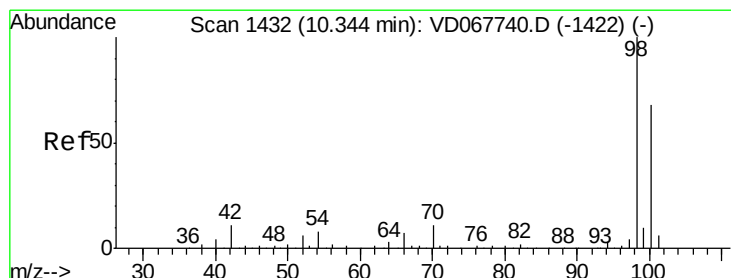
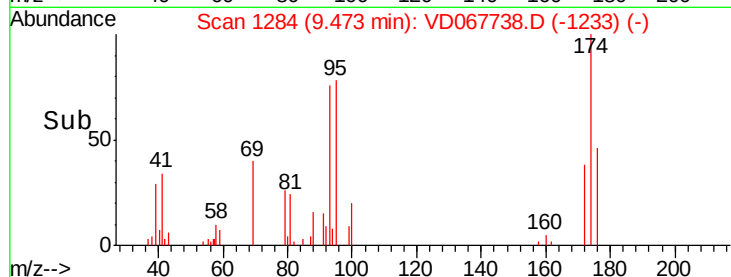
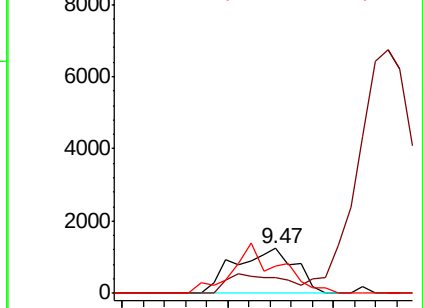
58 85.1 48.2 72.2#



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: 10.523 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067738.D

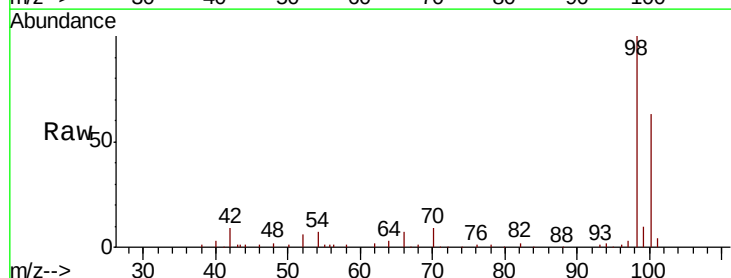
Acq: 23 Nov 2020 11:23

Tgt Ion: 98 Resp: 91273

Ion Ratio Lower Upper

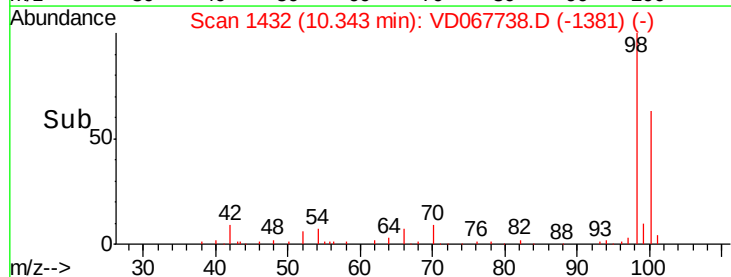
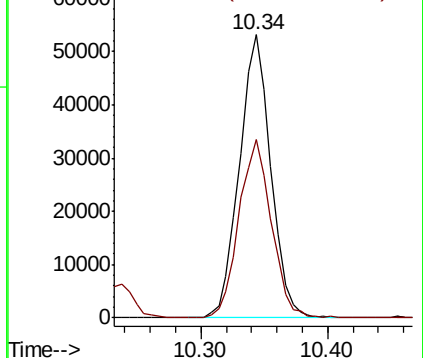
98 100

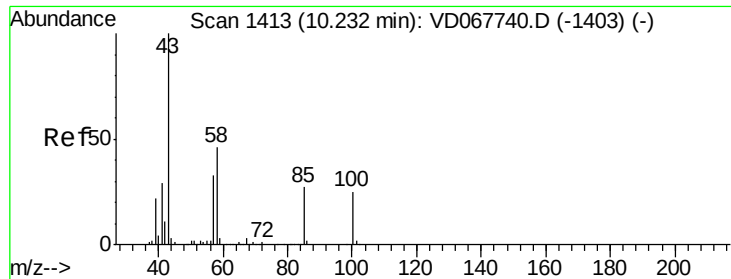
100 65.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

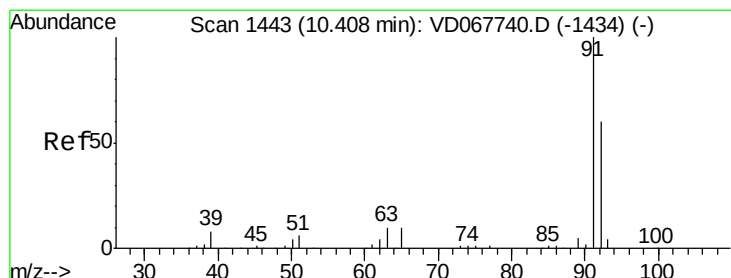
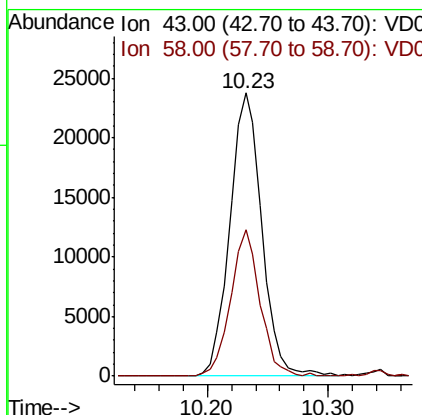
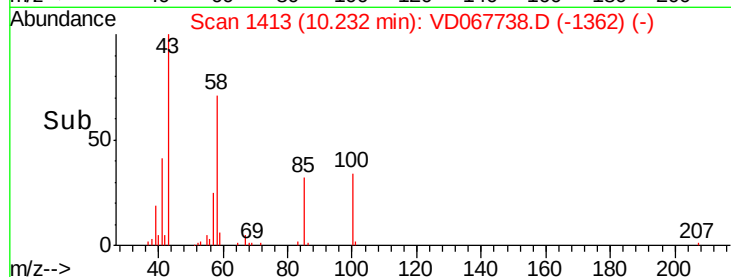
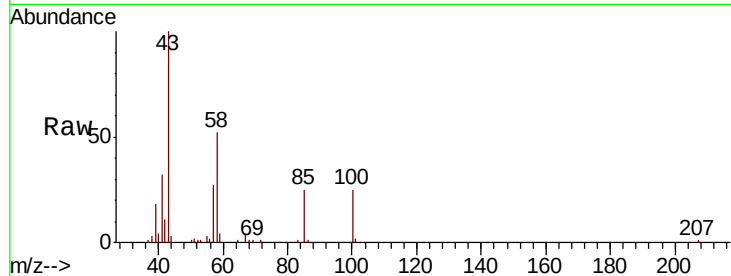




#51
4-Methyl-2-Pentanone
Concen: 54.645 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

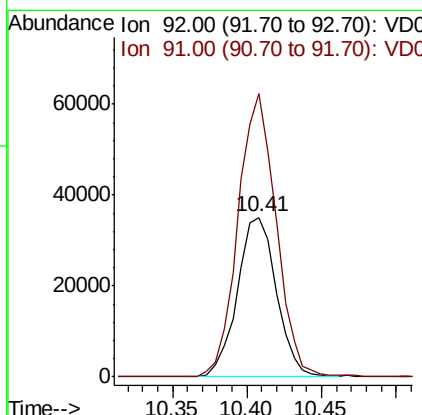
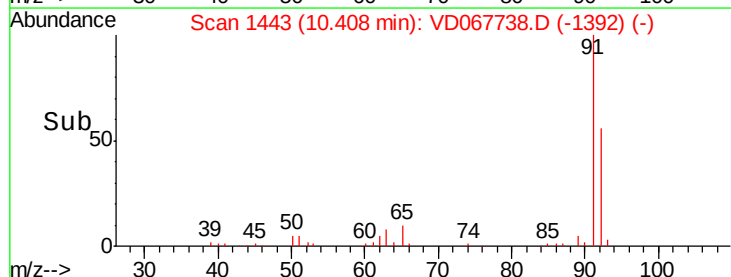
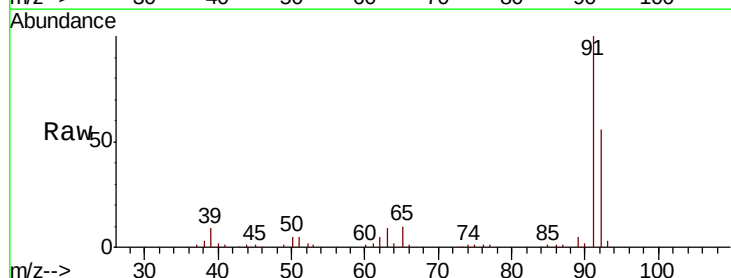
Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

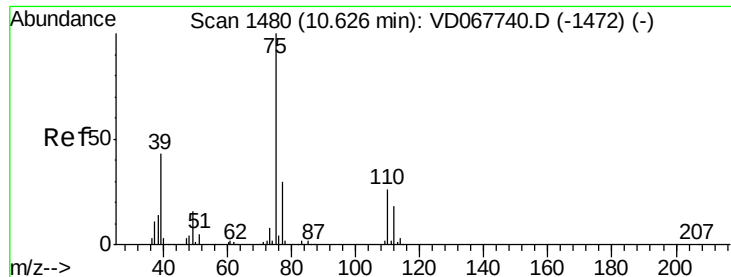
Tot Ion: 43 Resp: 43798
Ion Ratio Lower Upper
43 100
58 47.2 34.7 52.1



#52
Toluene
Concen: 10.596 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 92 Resp: 63703
Ion Ratio Lower Upper
92 100
91 173.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 10.836 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

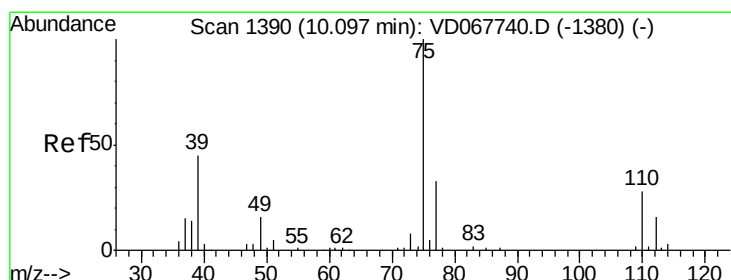
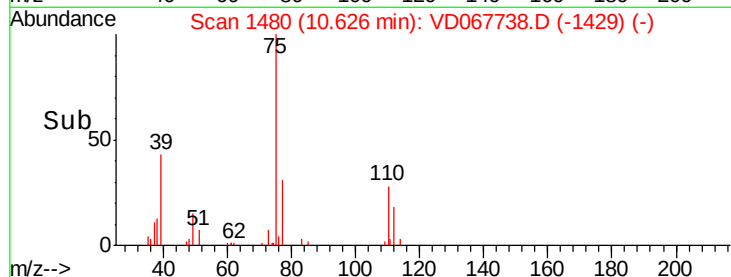
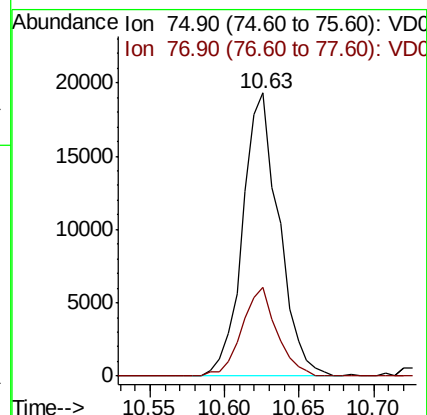
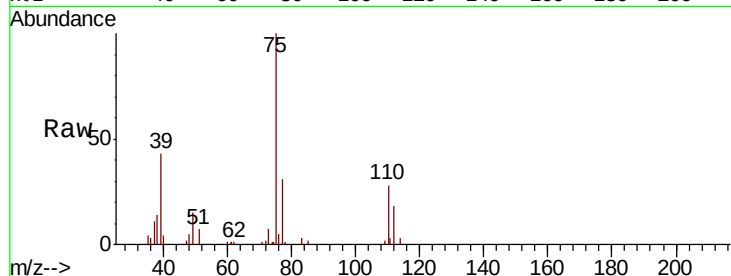
VSTDIC010

Tot Ion: 75 Resp: 32466

Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 10.524 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

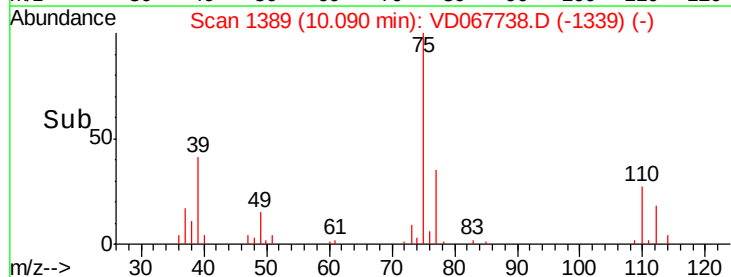
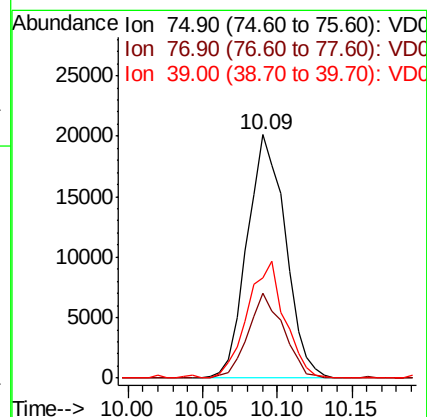
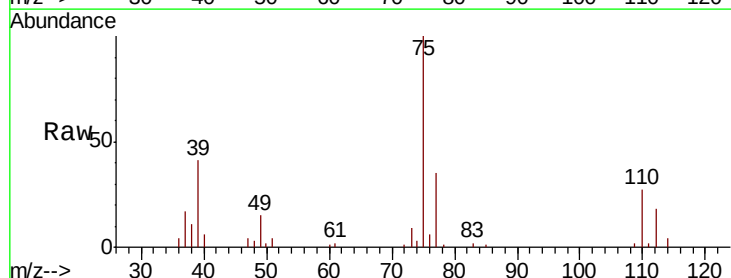
Tgt Ion: 75 Resp: 35696

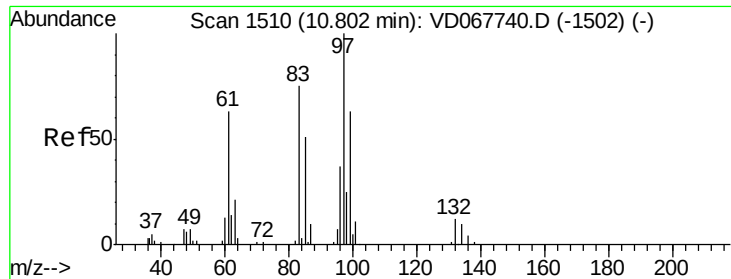
Ion Ratio Lower Upper

75 100

77 34.7 26.1 39.1

39 41.4 35.8 53.6

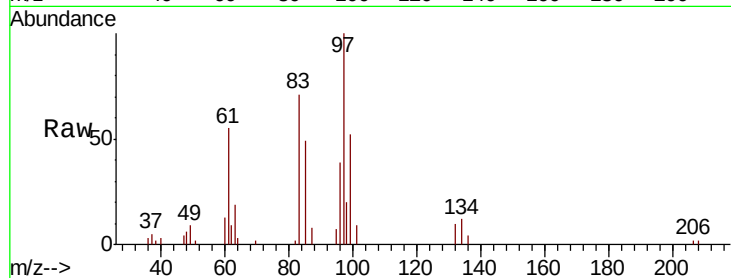




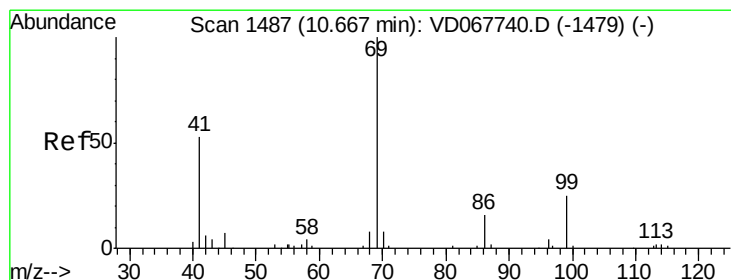
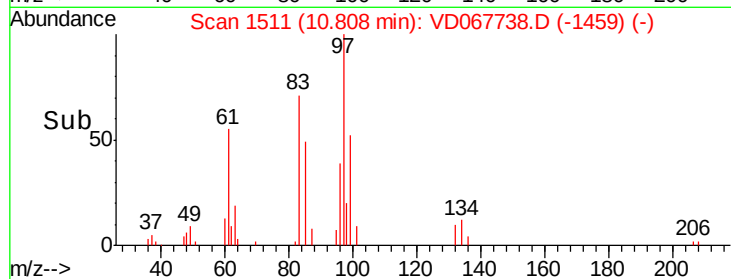
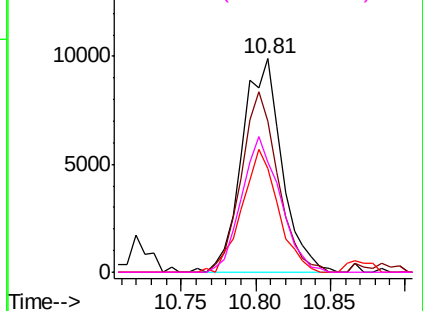
#55
 1,1,2-Trichloroethane
 Concen: 11.033 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	18229
Ion	Ratio	Lower	Upper
97	100		
83	70.5	60.2	90.4
85	48.7	40.5	60.7
99	51.7	50.6	76.0

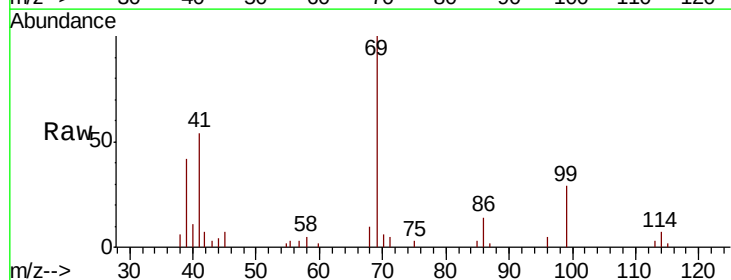


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

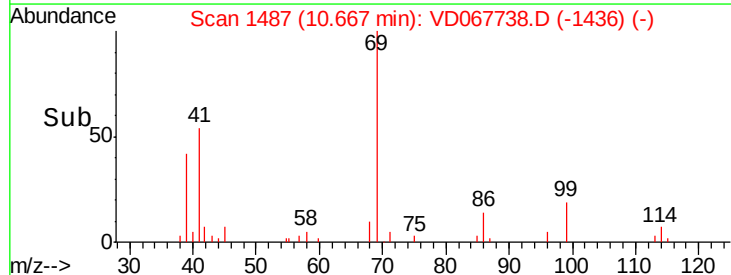
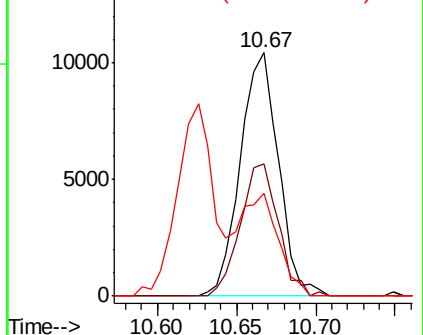


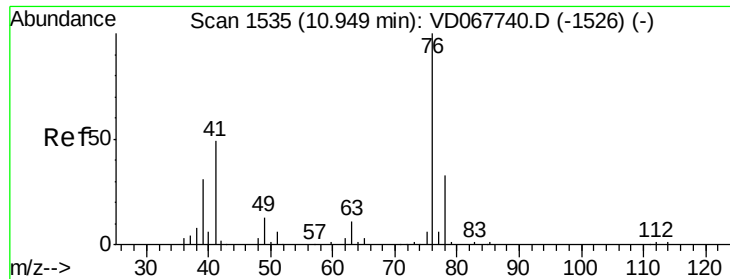
#56
 Ethyl methacrylate
 Concen: 10.224 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion:	69	Resp:	17459
Ion	Ratio	Lower	Upper
69	100		
41	54.1	43.4	65.0
39	43.2	29.6	44.4



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

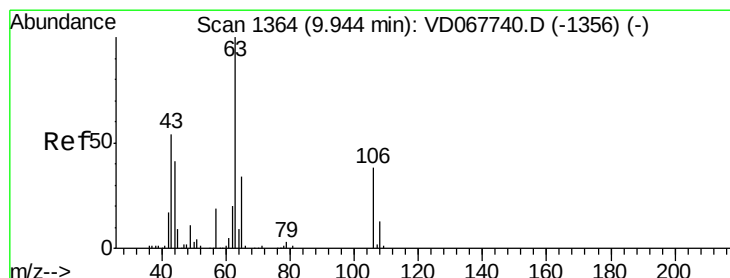
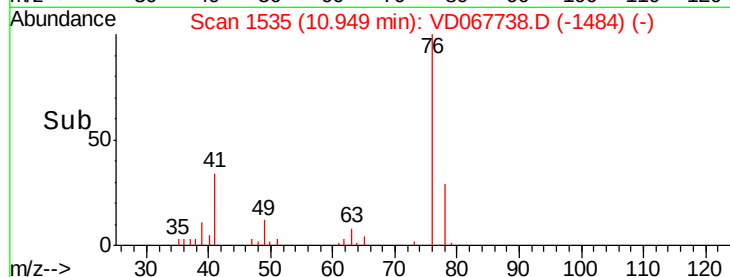
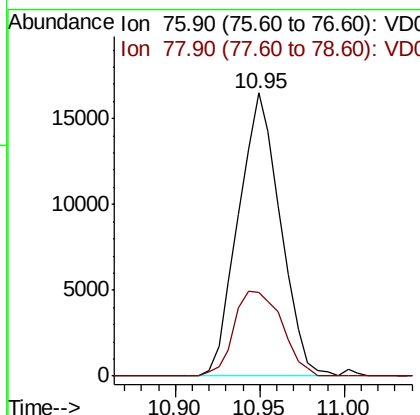
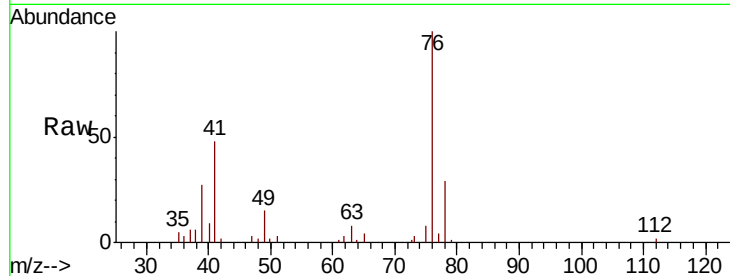




#57
 1,3-Dichloropropane
 Concen: 11.042 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

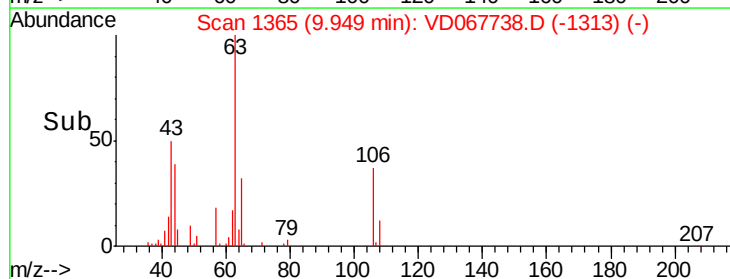
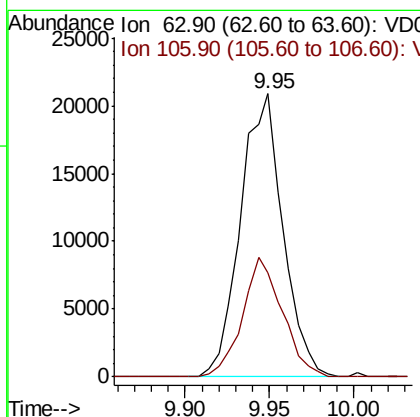
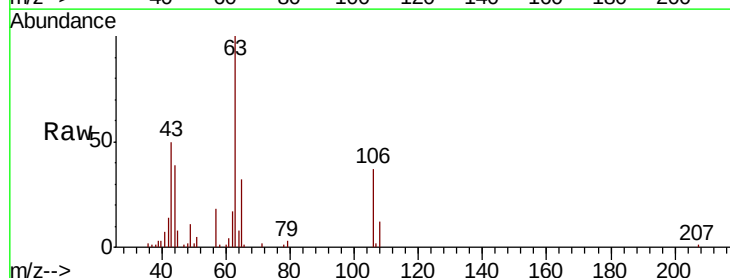
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

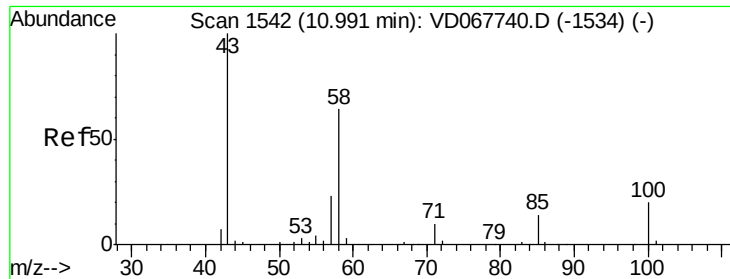
Tot Ion: 76 Resp: 28577
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 45.708 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 63 Resp: 36451
 Ion Ratio Lower Upper
 63 100
 106 39.7 31.0 46.6

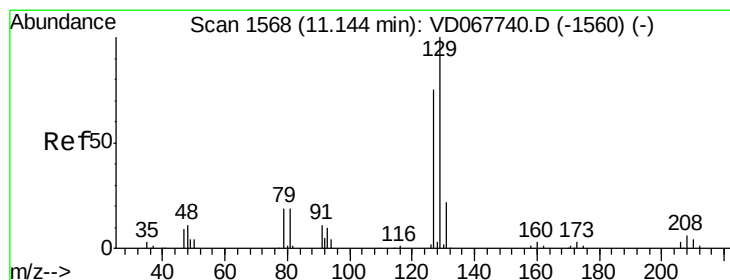
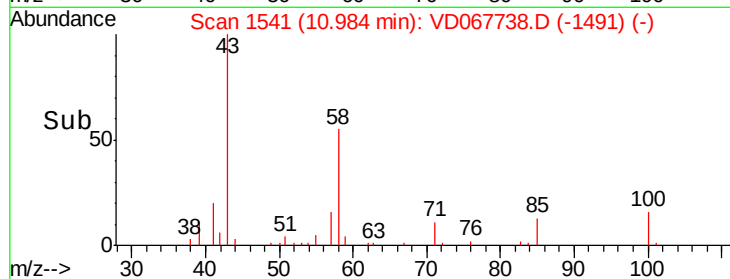
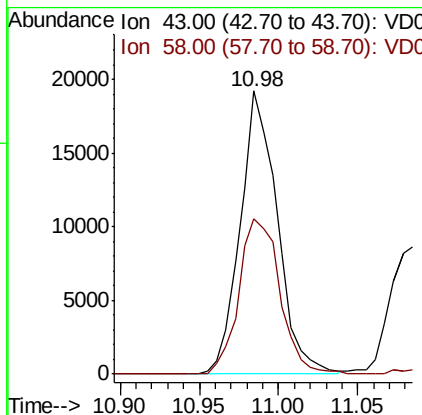
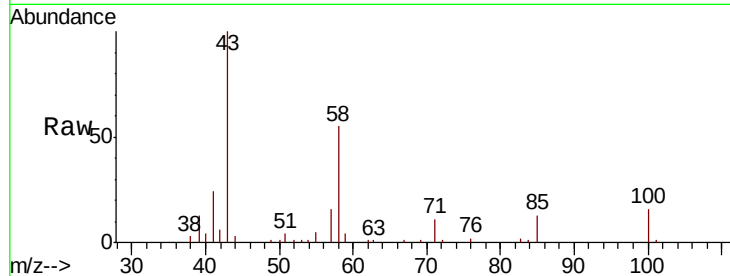




#59
2-Hexanone
Concen: 54.603 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

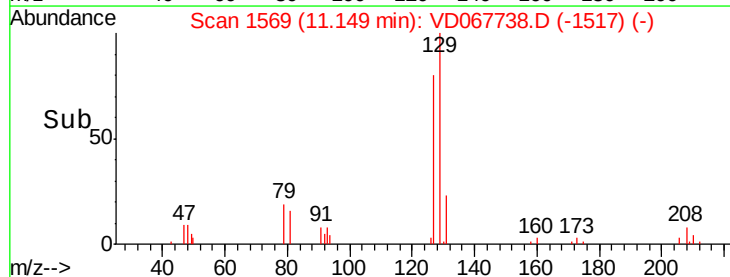
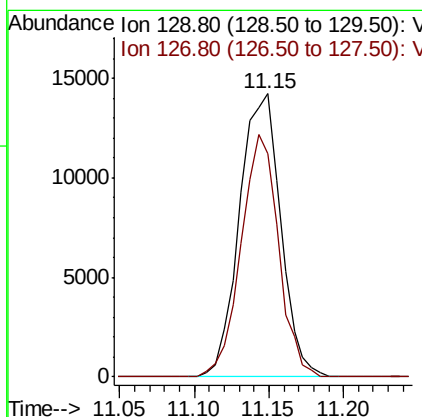
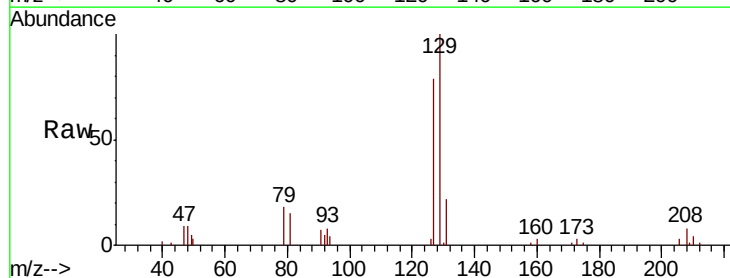
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

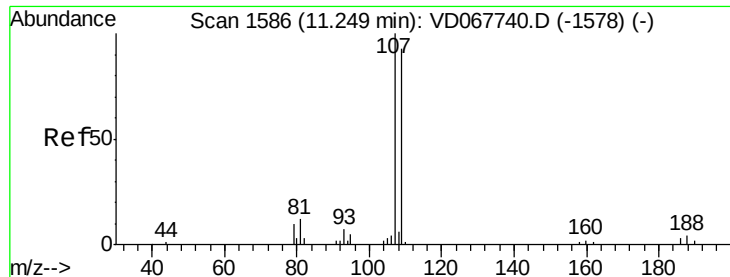
Tot Ion: 43 Resp: 31233
Ion Ratio Lower Upper
43 100
58 60.7 30.5 91.5



#60
Dibromochloromethane
Concen: 10.820 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 129 Resp: 27251
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

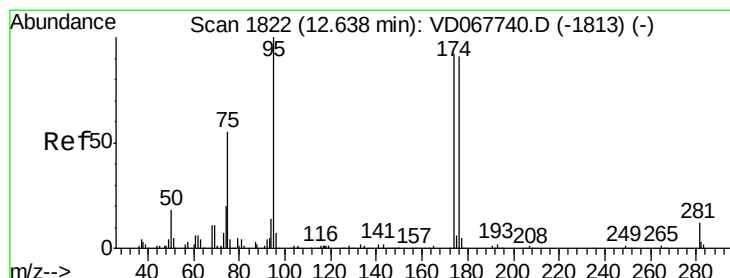
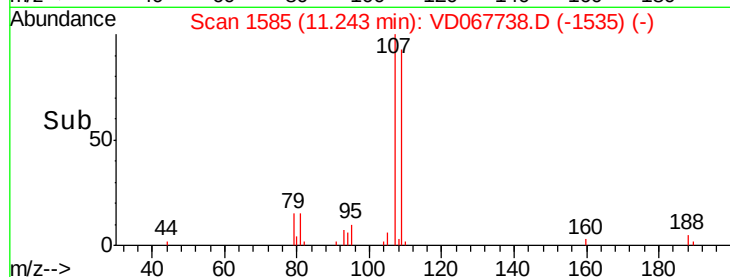
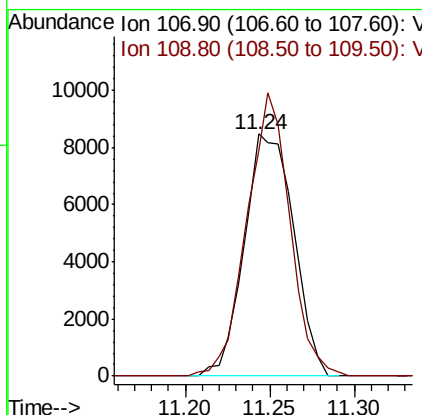
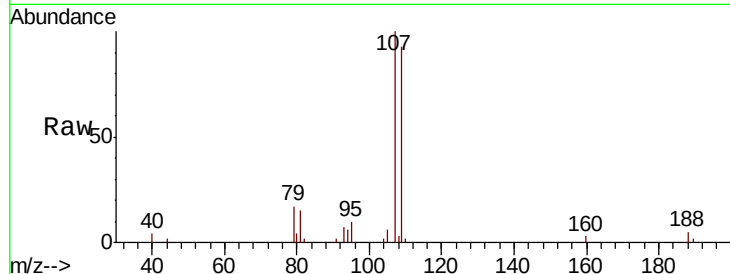




#61
 1,2-Dibromoethane
 Concen: 10.575 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

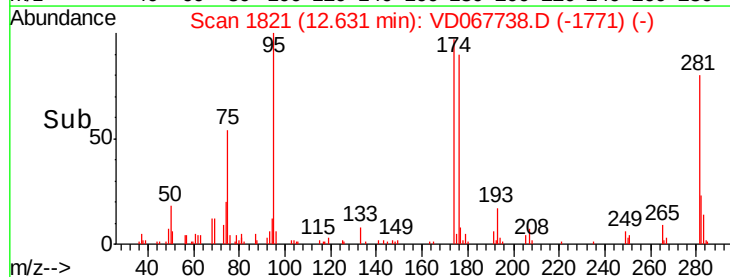
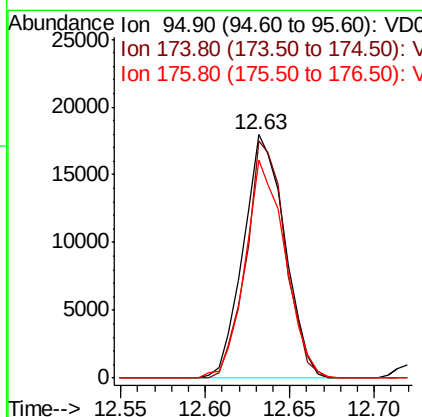
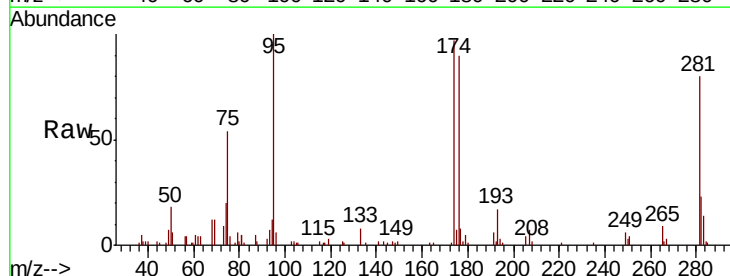
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

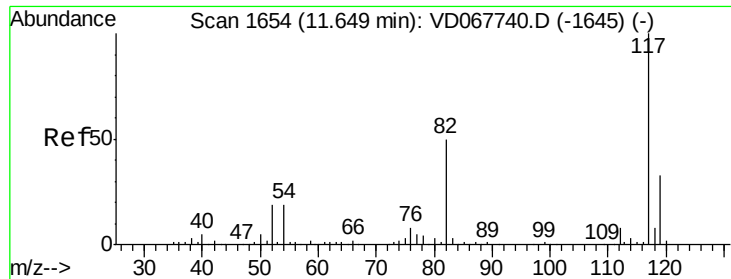
Tot Ion:107 Resp: 17277
 Ion Ratio Lower Upper
 107 100
 109 101.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 10.299 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 95 Resp: 30690
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 182.4
 176 86.6 0.0 178.2

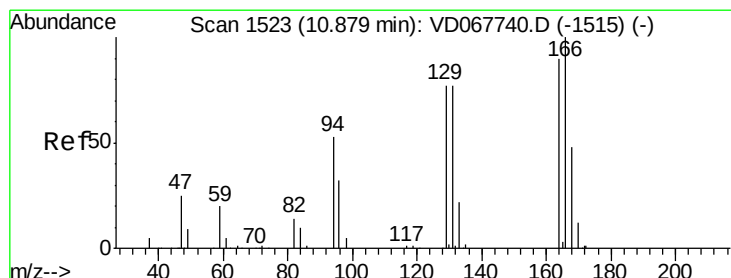
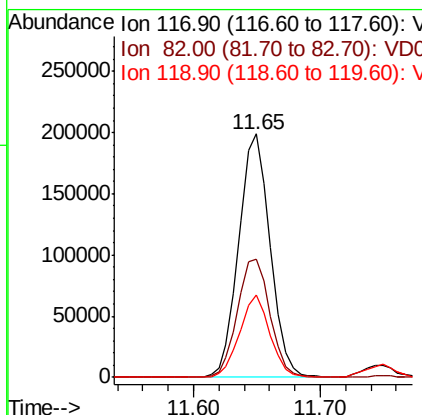
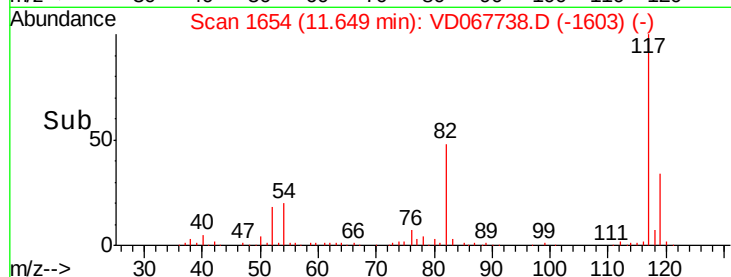
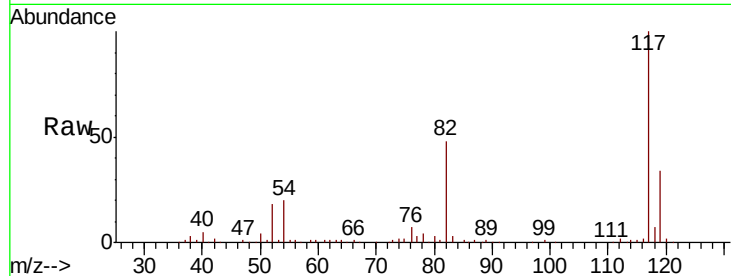




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

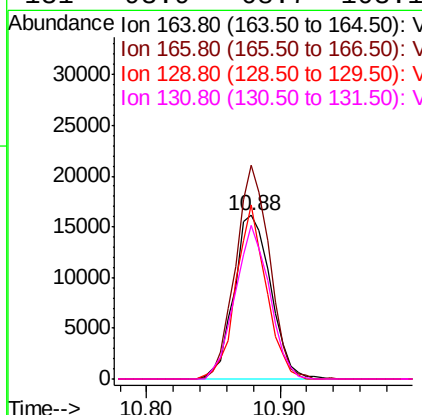
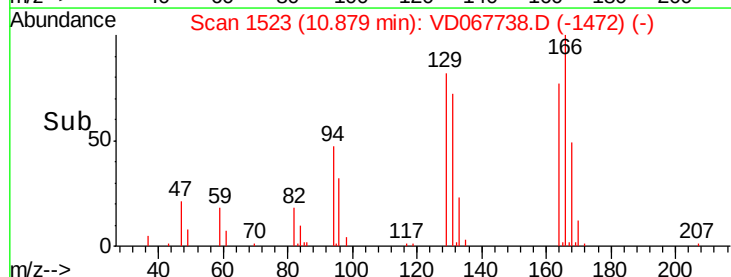
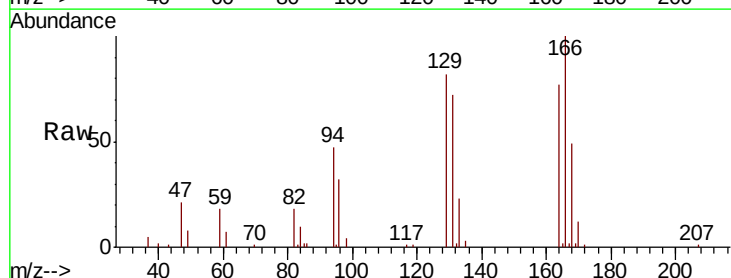
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

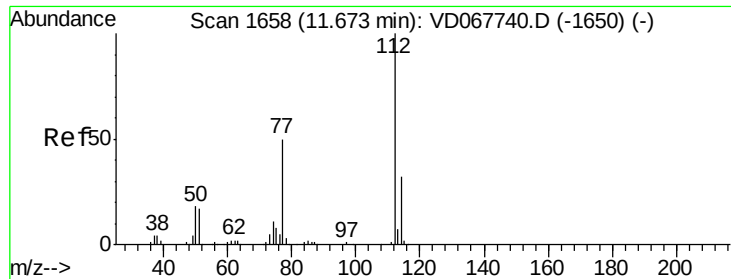
Tot Ion:117 Resp: 342166
Ion Ratio Lower Upper
117 100
82 48.4 40.2 60.4
119 33.9 26.5 39.7



#64
Tetrachloroethene
Concen: 11.496 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion:164 Resp: 30928
Ion Ratio Lower Upper
164 100
166 130.4 89.2 133.8
129 106.5 68.4 102.6#
131 93.9 68.7 103.1

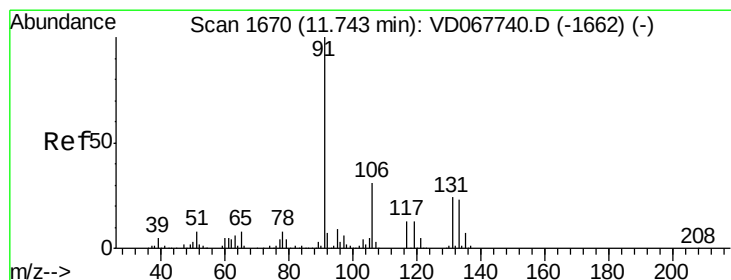
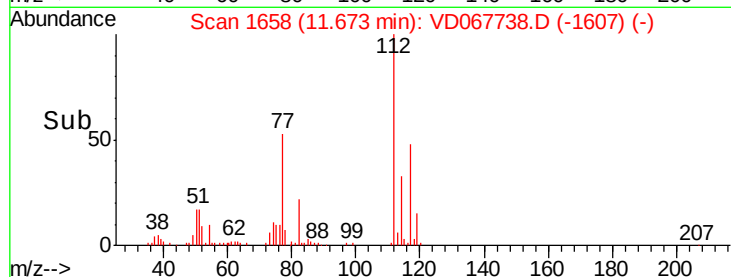
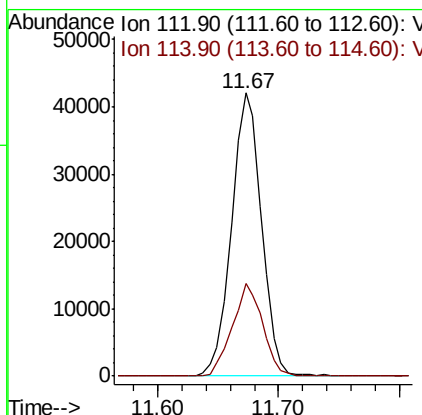
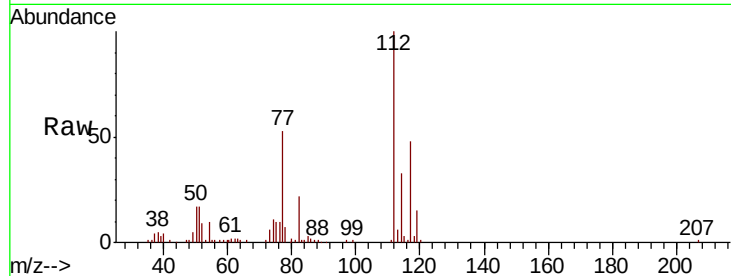




#65
Chlorobenzene
Concen: 10.715 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

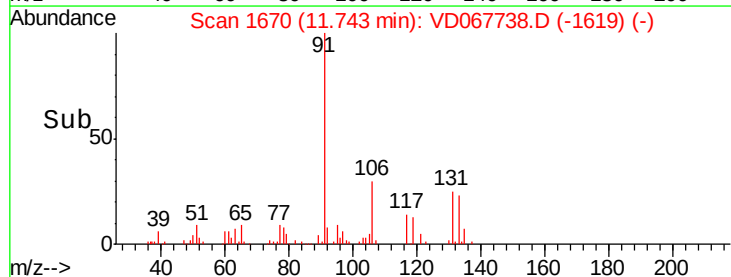
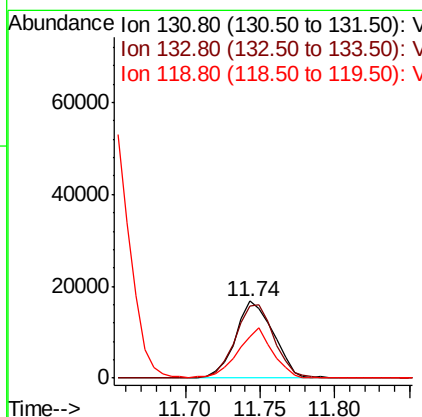
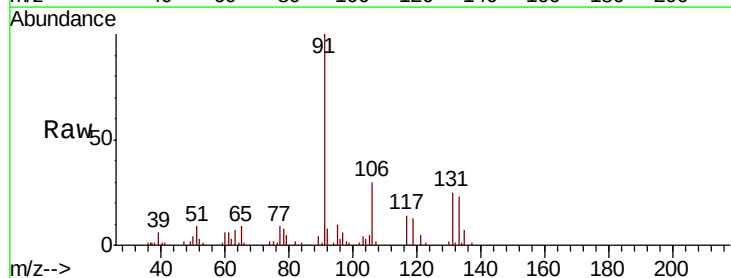
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

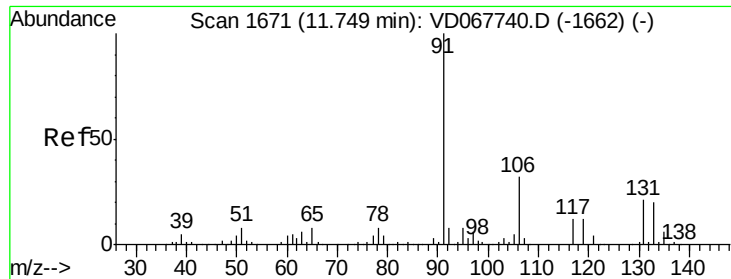
Tot Ion:112 Resp: 72617
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 10.938 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion:131 Resp: 29698
Ion Ratio Lower Upper
131 100
133 97.5 49.0 147.0
119 59.1 28.8 86.5

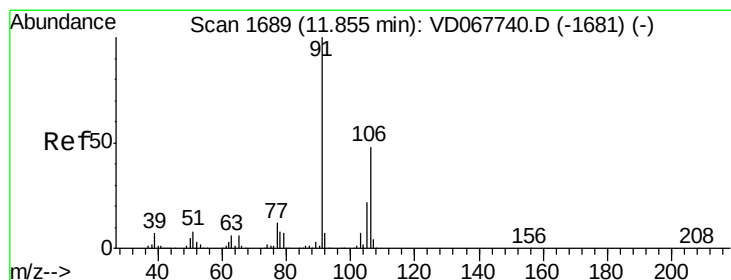
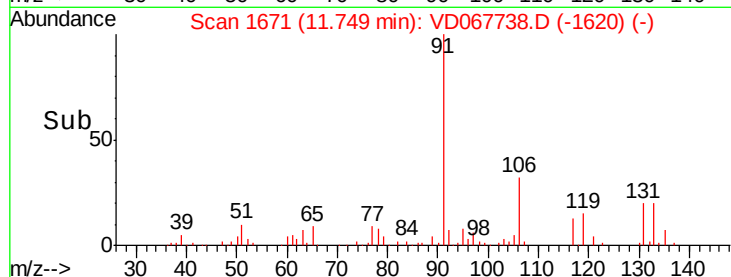
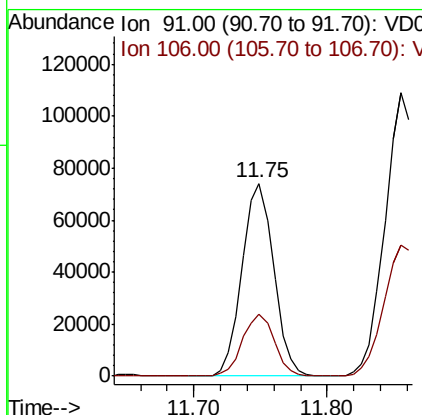
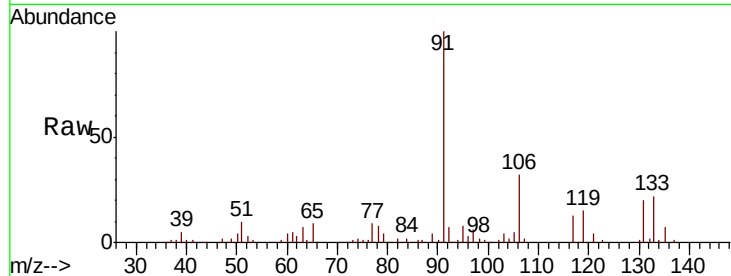




#67
Ethyl Benzene
Concen: 10.508 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

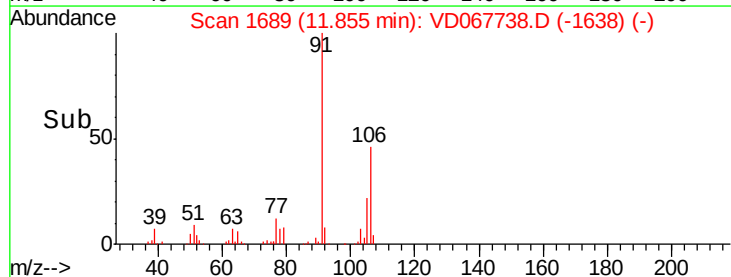
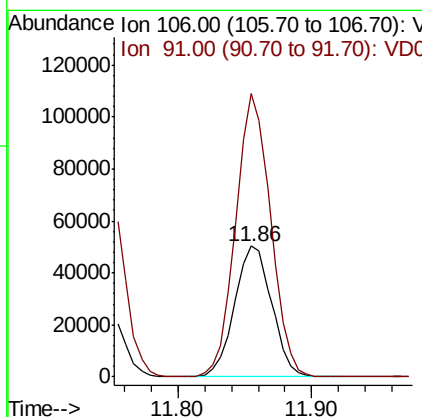
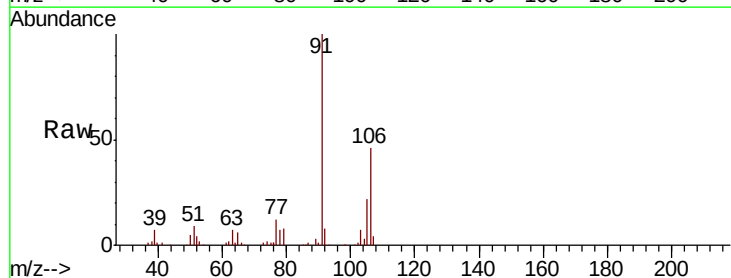
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

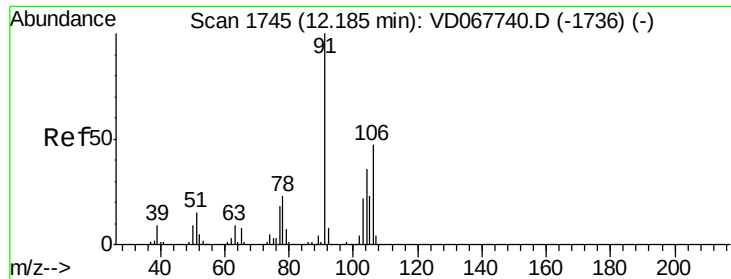
Tot Ion: 91 Resp: 122241
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 21.300 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 106 Resp: 96888
Ion Ratio Lower Upper
106 100
91 203.8 163.0 244.6

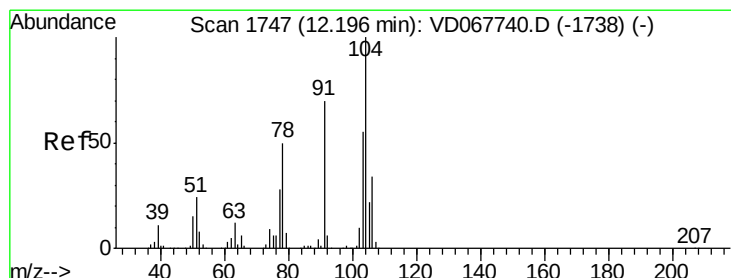
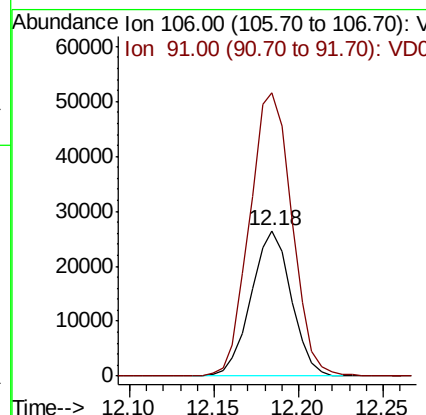
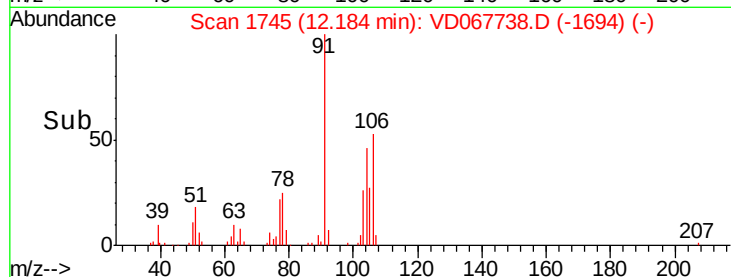
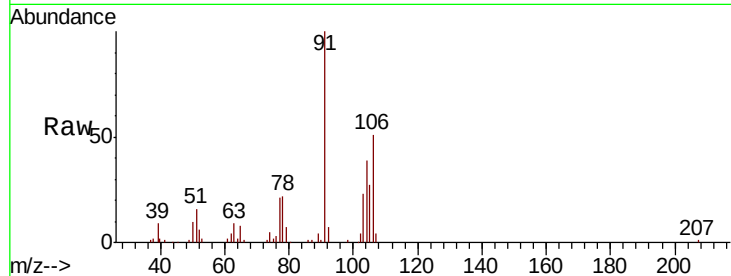




#69
o-Xylene
Concen: 10.559 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

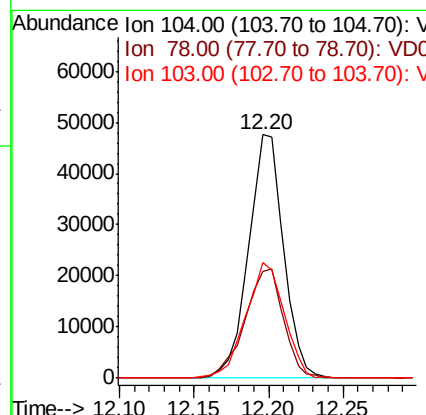
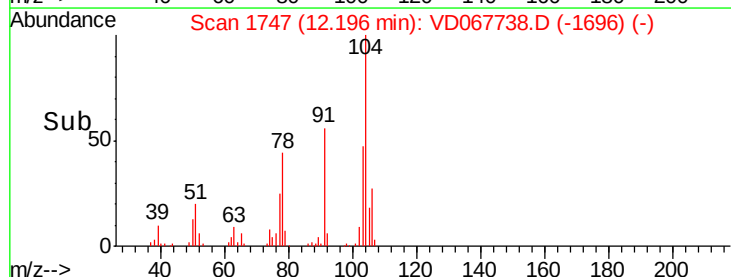
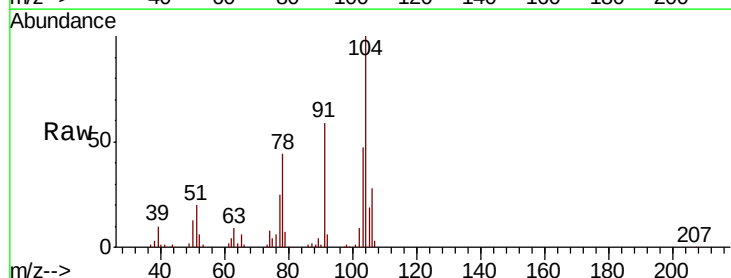
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

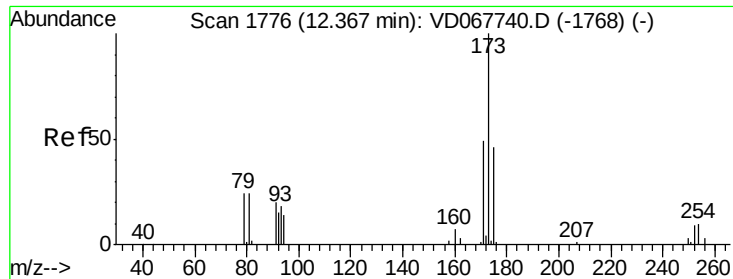
Tot Ion:106 Resp: 43673
Ion Ratio Lower Upper
106 100
91 206.3 106.2 318.6



#70
Styrene
Concen: 10.753 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion:104 Resp: 76828
Ion Ratio Lower Upper
104 100
78 49.6 41.9 62.9
103 52.2 44.1 66.1

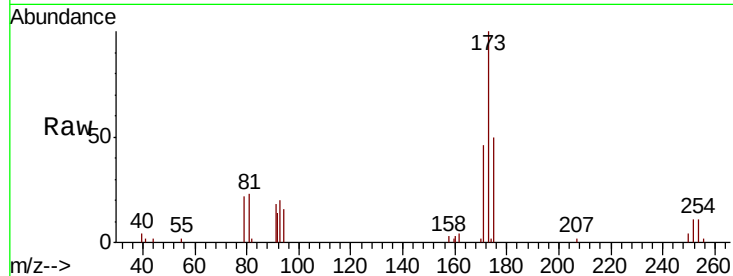




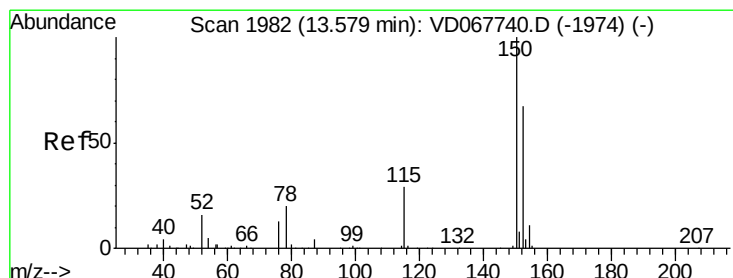
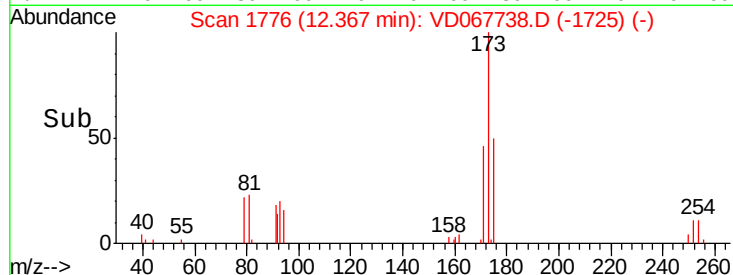
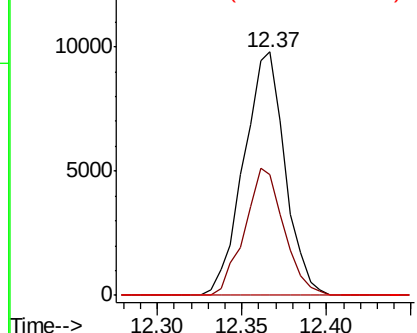
#71
Bromoform
Concen: 11.226 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:173 Resp: 16594
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.7
254 0.0 0.0 0.0

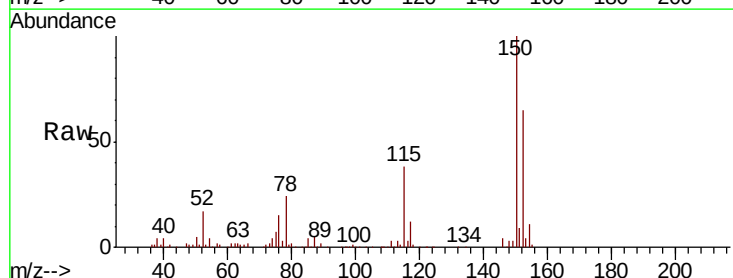


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

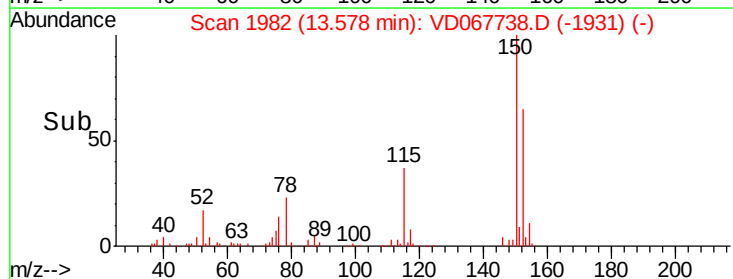
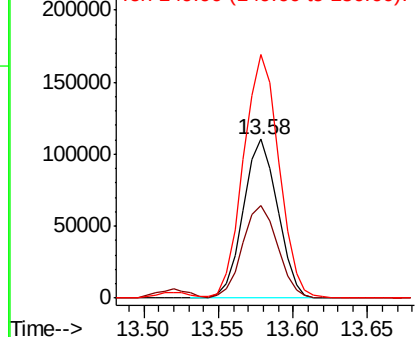


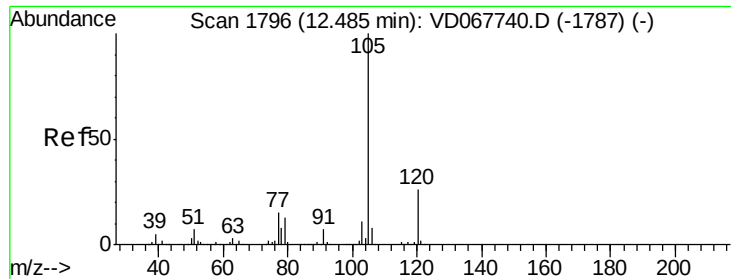
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion:152 Resp: 176173
Ion Ratio Lower Upper
152 100
115 59.7 29.4 88.3
150 159.0 0.0 340.6



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: 10.231 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

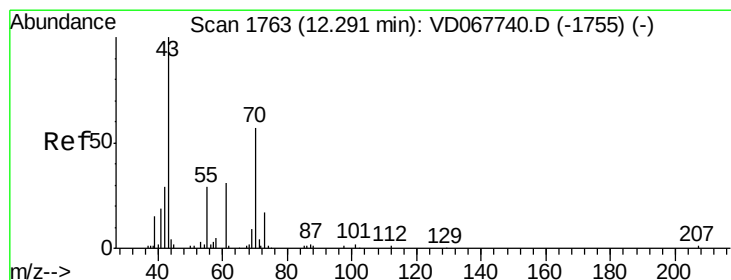
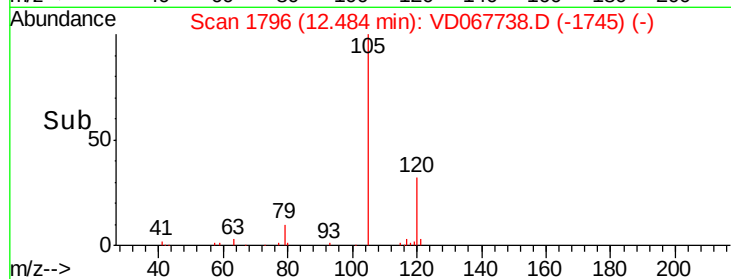
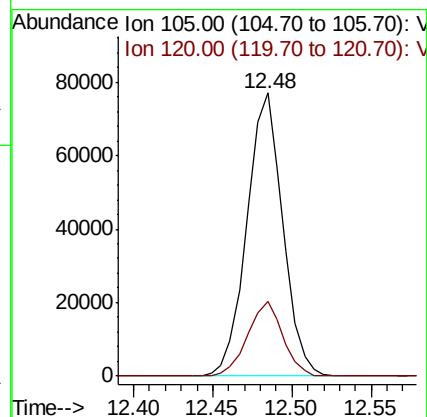
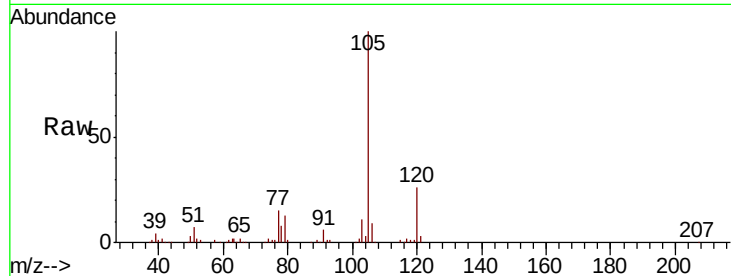
VSTDIC010

Tot Ion:105 Resp: 120912

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 10.312 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Tgt Ion: 43 Resp: 15788

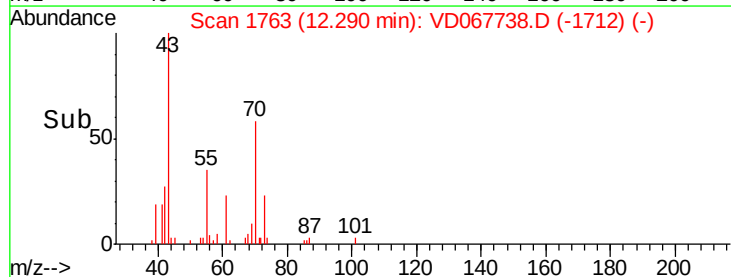
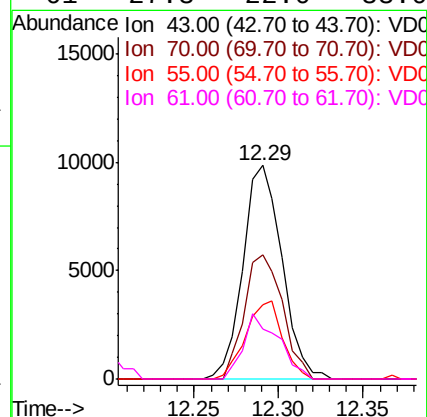
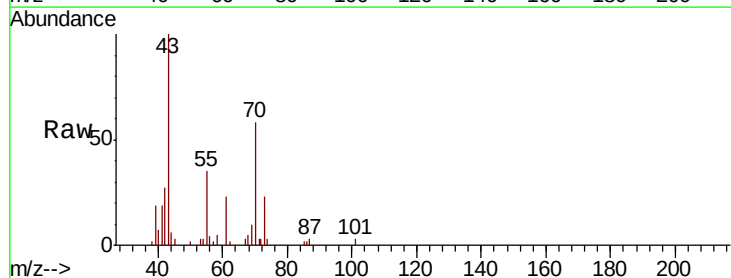
Ion Ratio Lower Upper

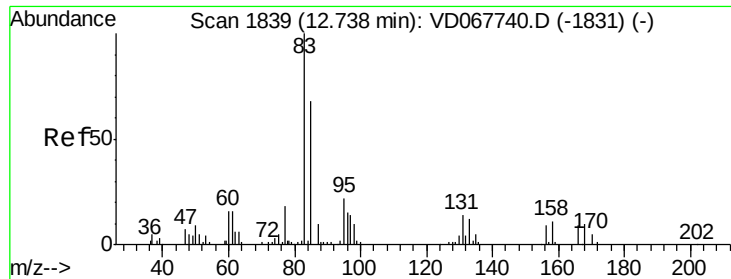
43 100

70 57.1 44.6 66.8

55 34.5 24.2 36.2

61 27.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.181 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

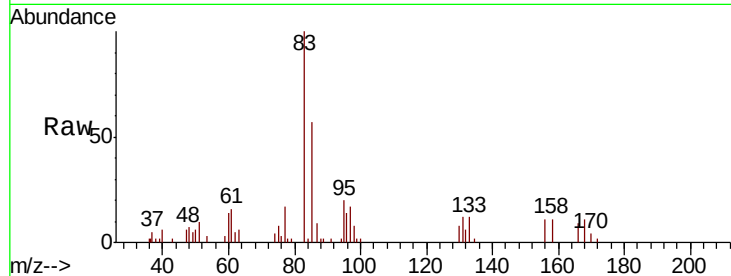
Tot Ion: 83 Resp: 17610

Ion Ratio Lower Upper

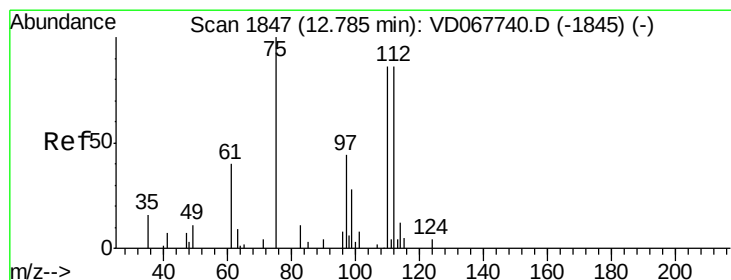
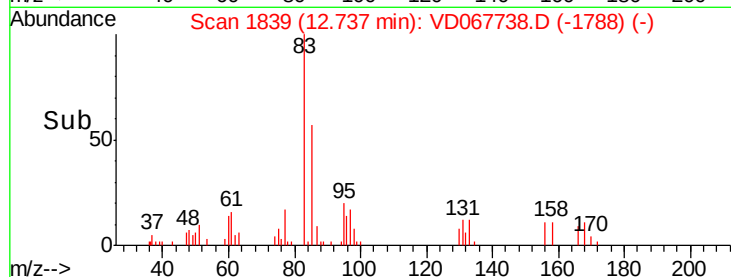
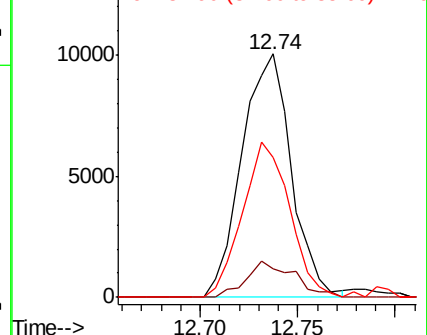
83 100

131 14.5 8.1 24.1

85 61.0 33.9 101.7



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: 9.717 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067738.D

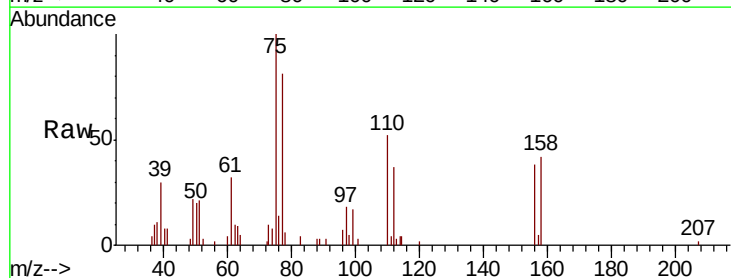
Acq: 23 Nov 2020 11:23

Tgt Ion: 75 Resp: 13342

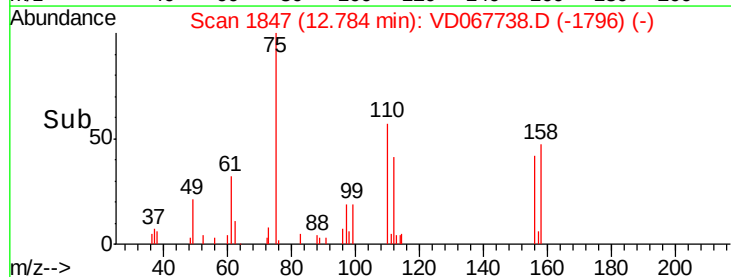
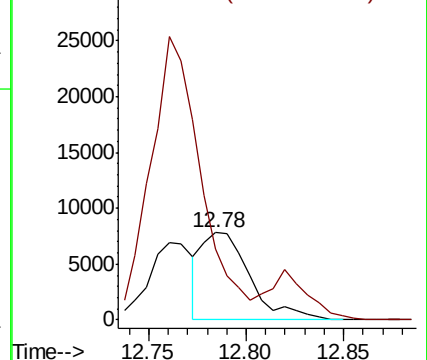
Ion Ratio Lower Upper

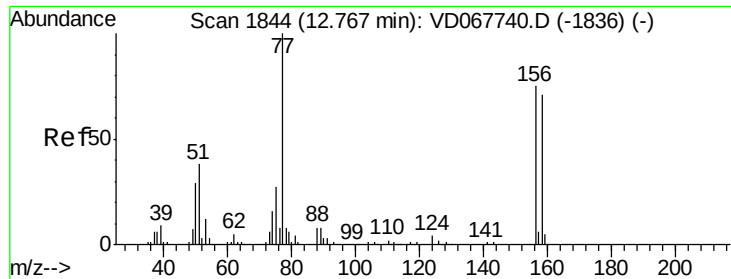
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 10.493 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

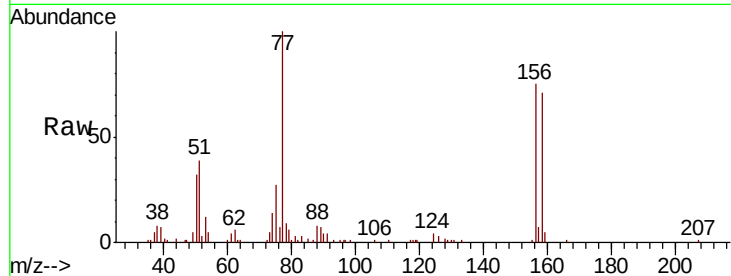
Tot Ion:156 Resp: 30877

Ion Ratio Lower Upper

156 100

77 148.6 73.5 220.3

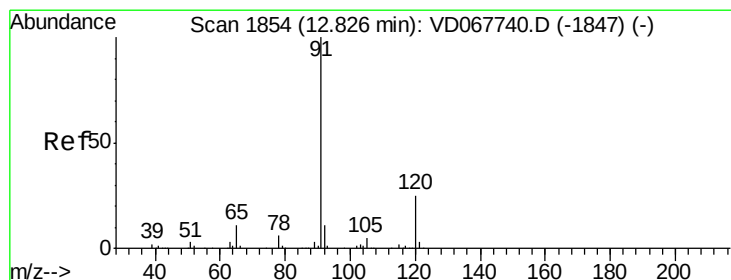
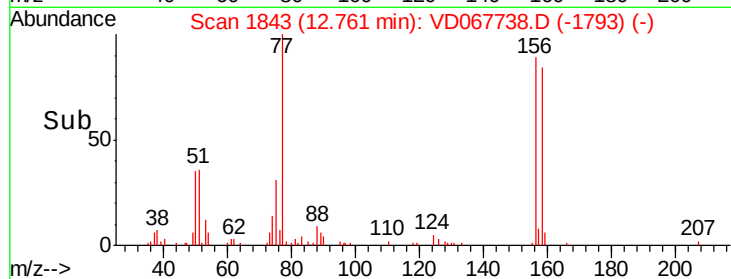
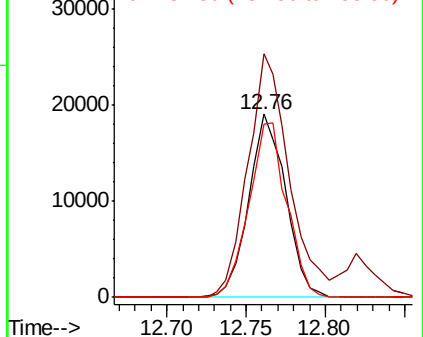
158 98.1 48.1 144.4



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: 10.319 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067738.D

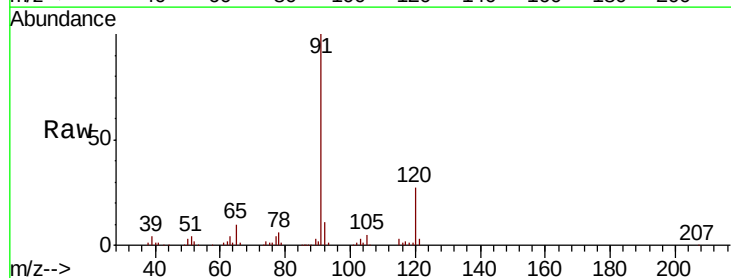
Acq: 23 Nov 2020 11:23

Tgt Ion: 91 Resp: 135253

Ion Ratio Lower Upper

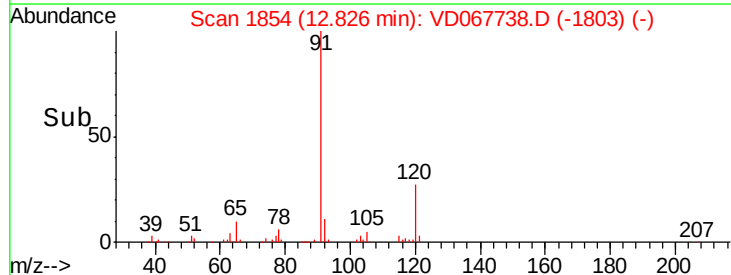
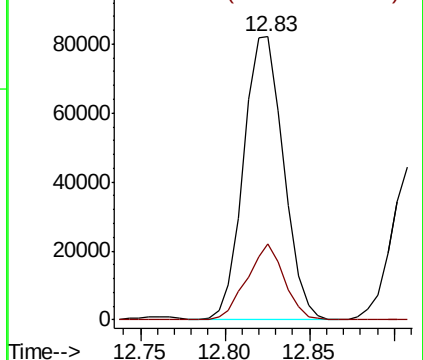
91 100

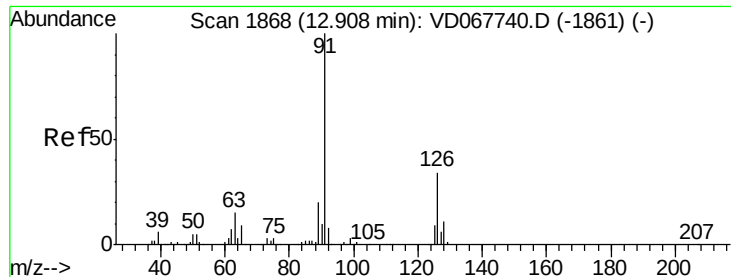
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

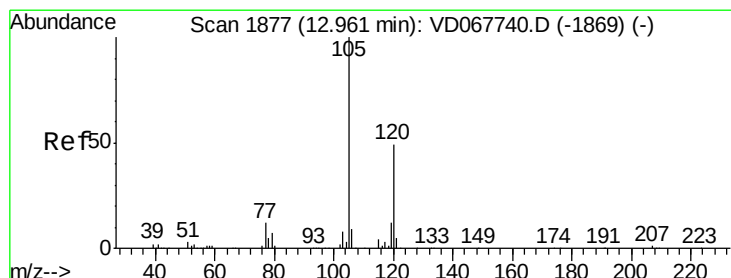
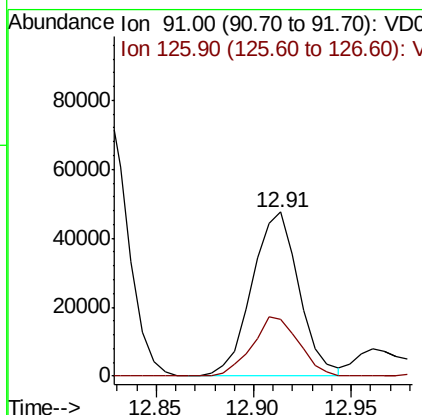
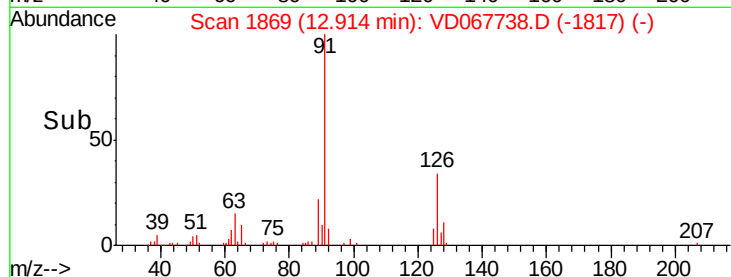
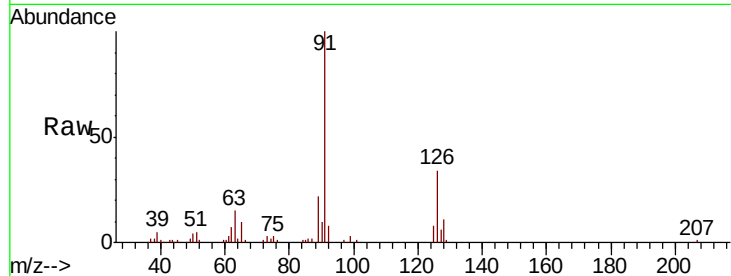




#79
 2-Chlorotoluene
 Concen: 10.352 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

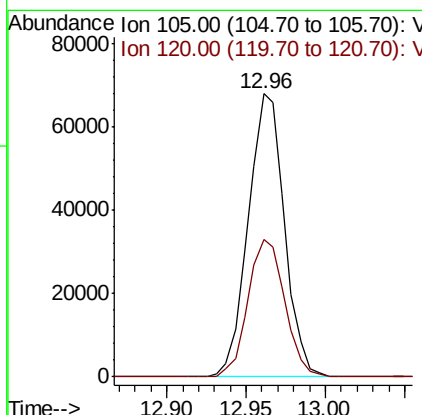
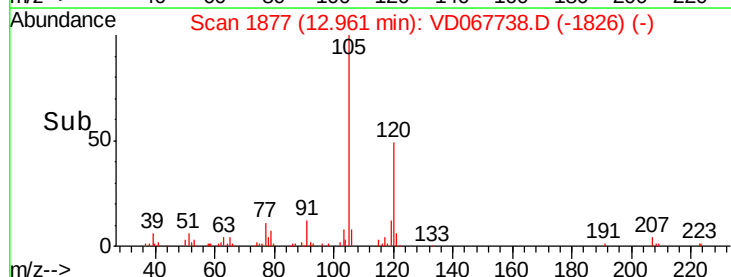
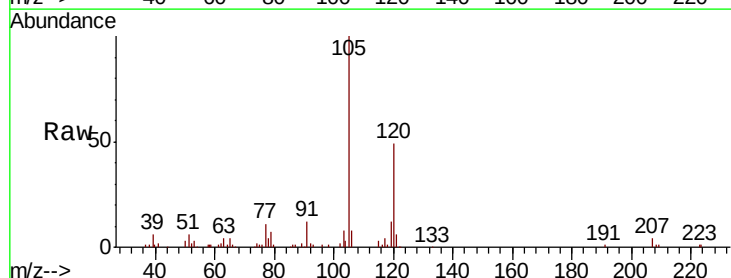
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

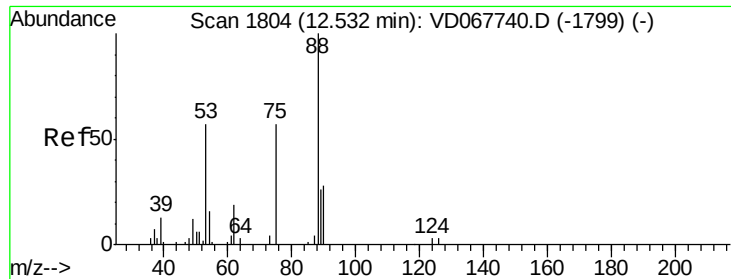
Tot Ion: 91 Resp: 79826
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 10.393 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion:105 Resp: 107815
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.9 71.7

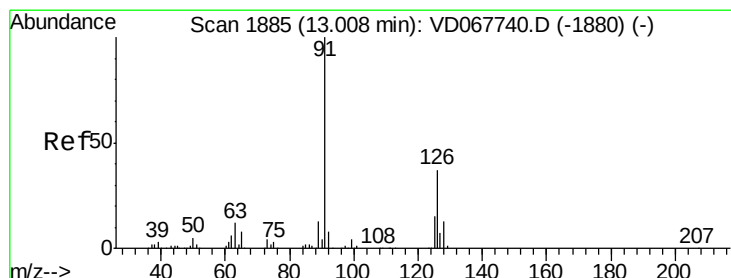
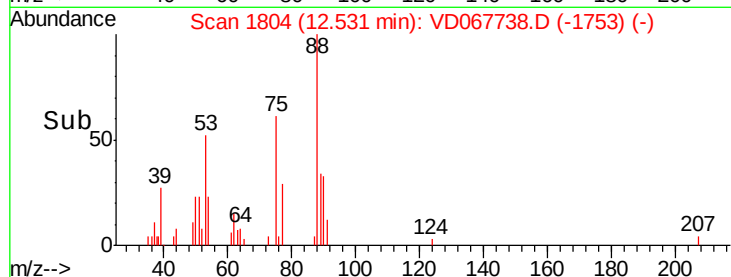
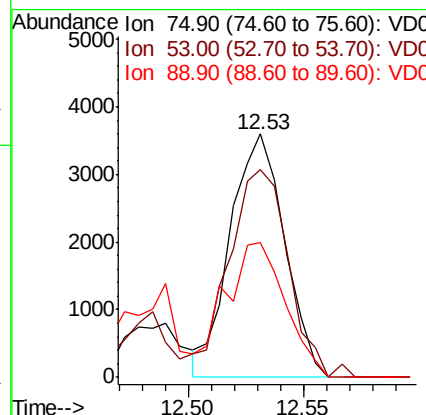
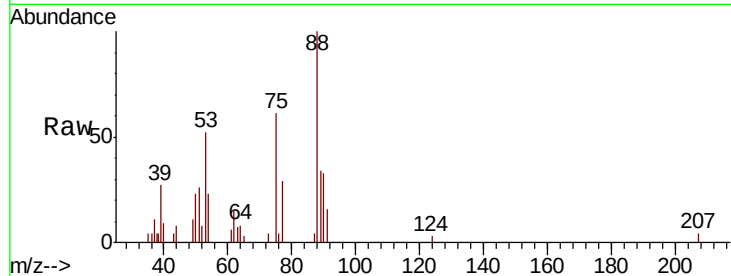




#81
trans-1,4-Dichloro-2-butene
Concen: 11.174 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

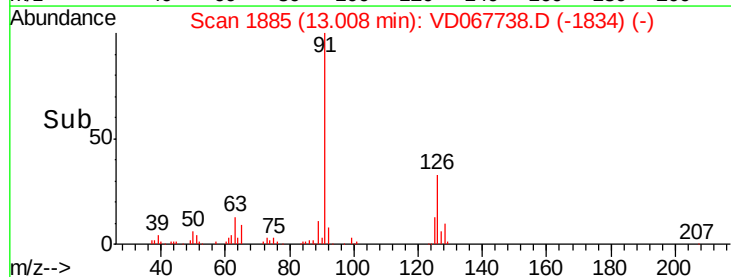
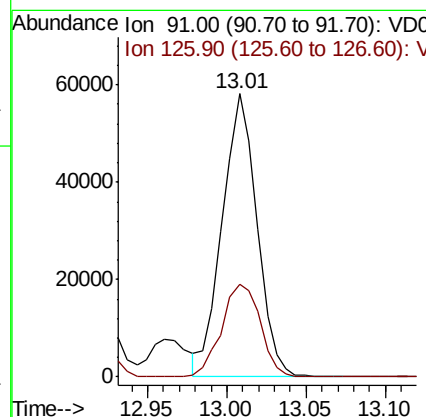
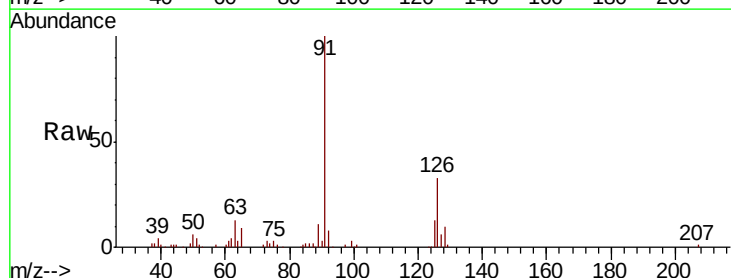
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

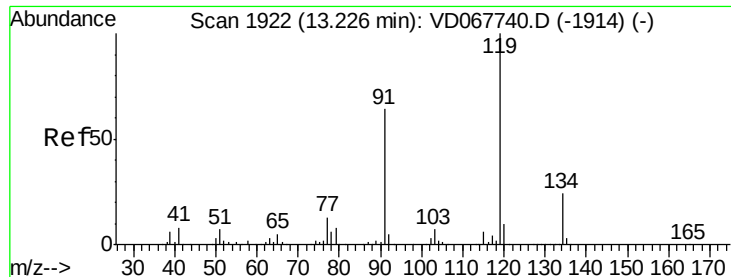
Tot Ion: 75 Resp: 5875
Ion Ratio Lower Upper
75 100
53 95.7 76.0 114.0
89 61.8 40.2 60.4#



#82
4-Chlorotoluene
Concen: 10.758 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 91 Resp: 88532
Ion Ratio Lower Upper
91 100
126 36.4 17.7 53.1

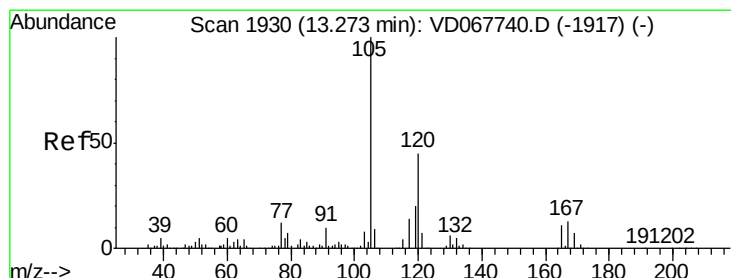
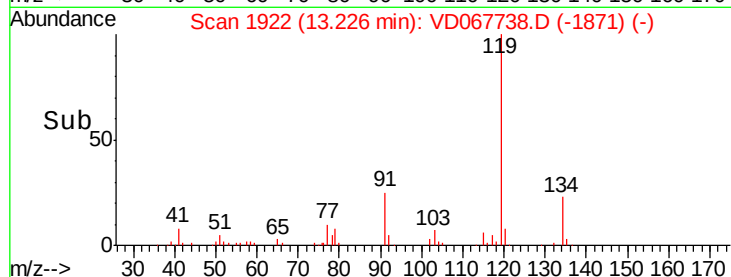
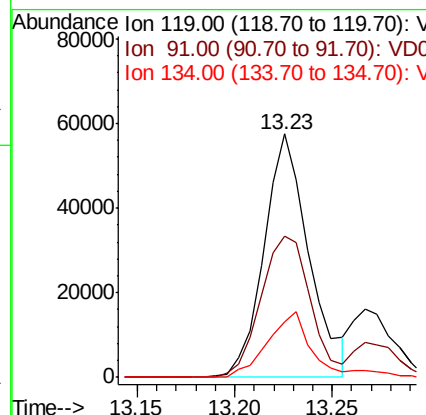
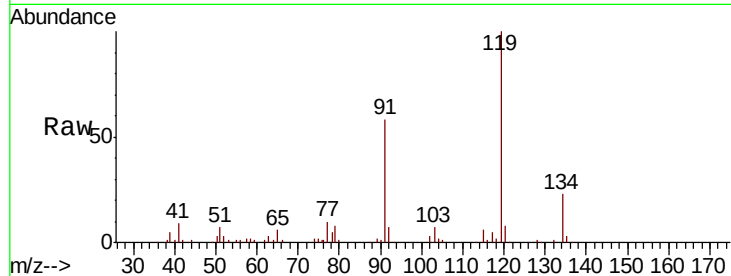




#83
 tert-Butylbenzene
 Concen: 10.474 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

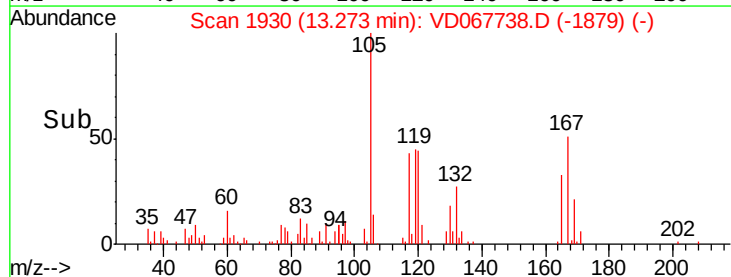
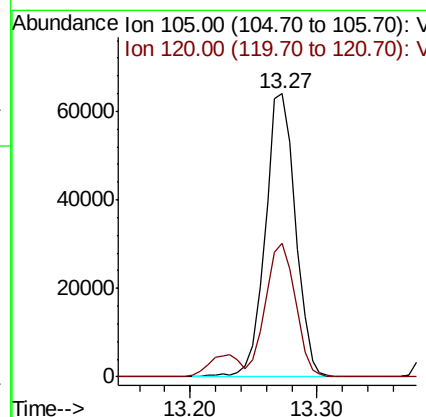
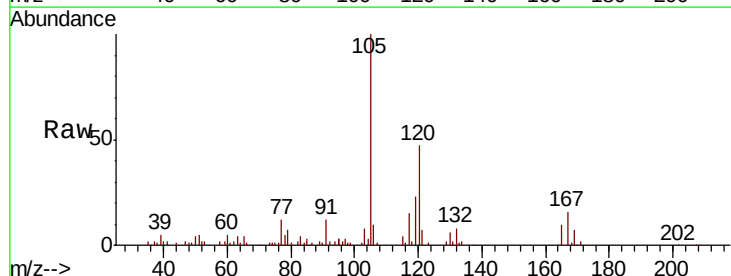
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

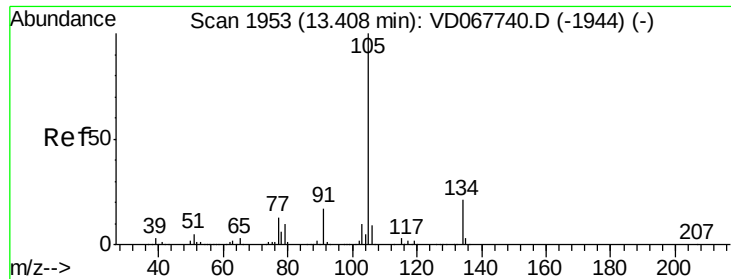
Tot Ion:119 Resp: 91566
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.9 98.7
 134 27.2 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 10.371 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion:105 Resp: 105852
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 10.495 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

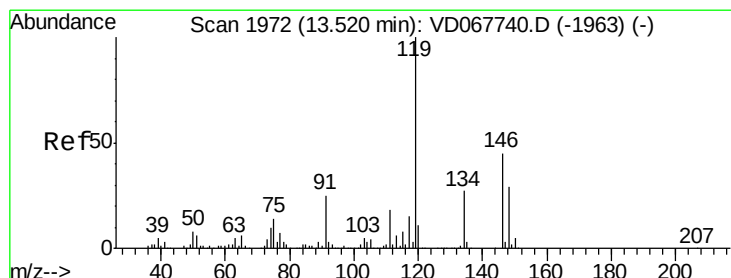
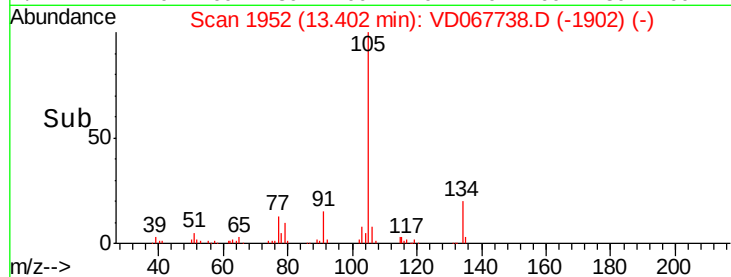
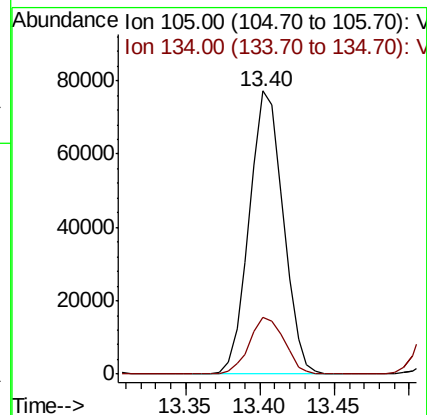
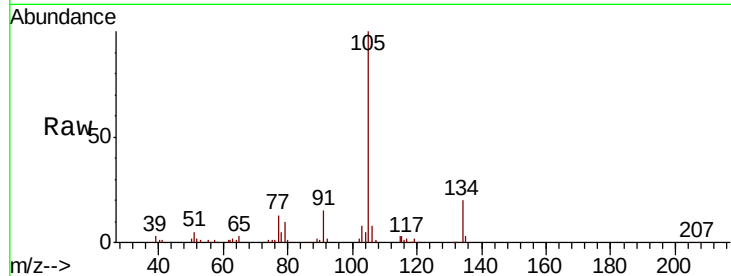
VSTDIC010

Tot Ion:105 Resp: 121158

Ion Ratio Lower Upper

105 100

134 20.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 10.526 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

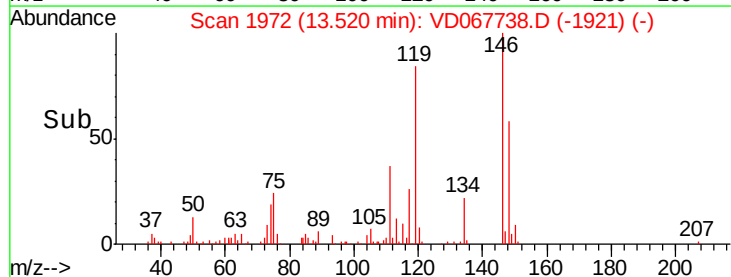
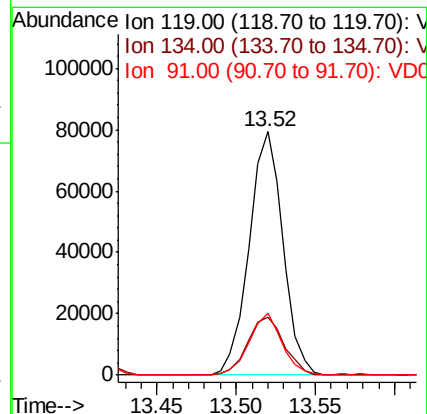
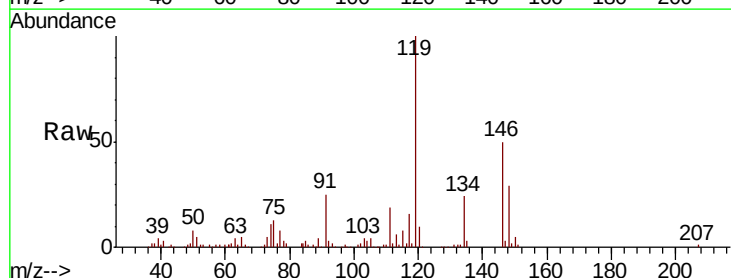
Tgt Ion:119 Resp: 117515

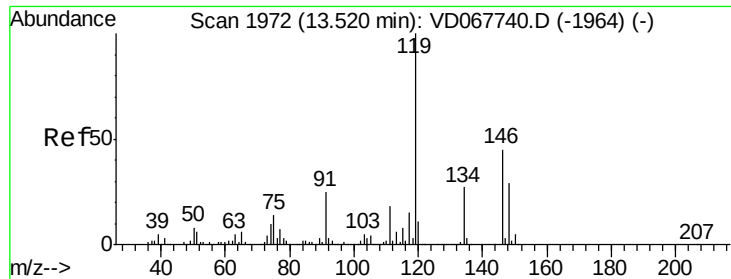
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 24.4 12.7 38.1

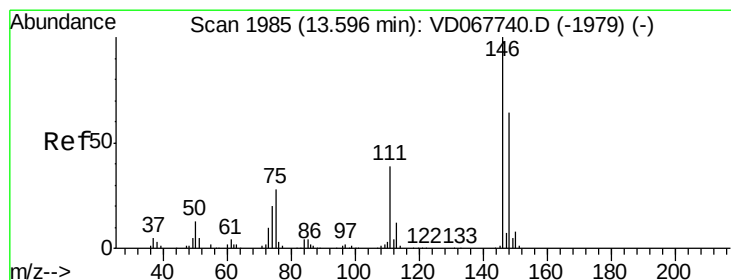
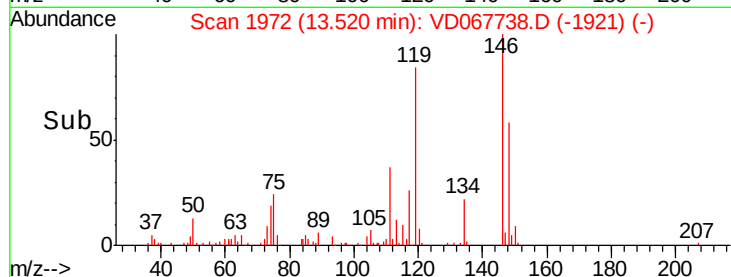
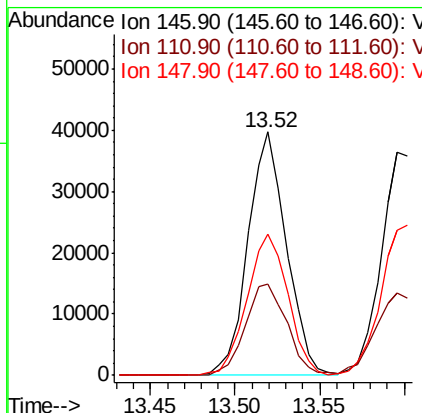
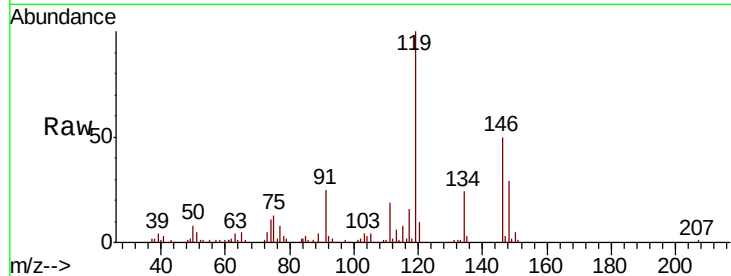




#87
 1,3-Dichlorobenzene
 Concen: 10.928 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

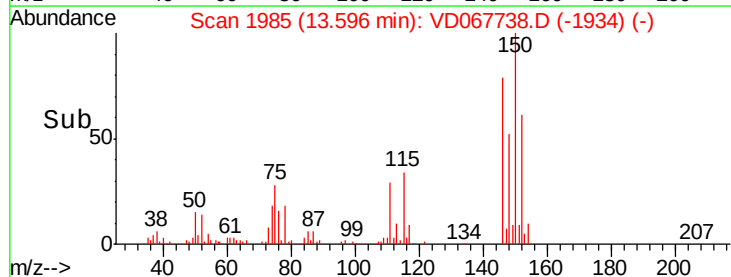
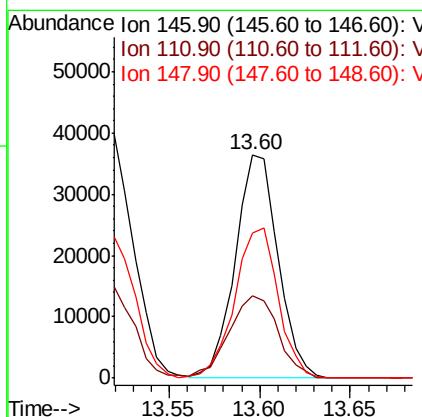
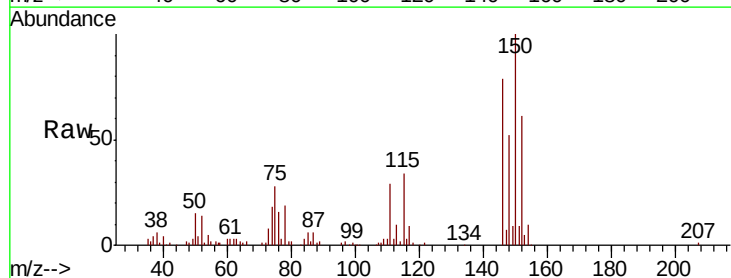
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

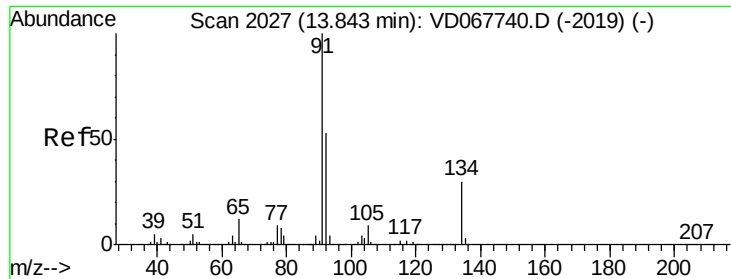
Tot Ion:146 Resp: 62667
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 61.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 10.465 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion:146 Resp: 59804
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.4 58.4
 148 68.4 31.6 94.8

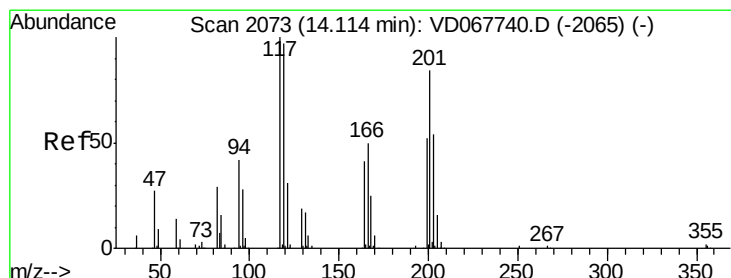
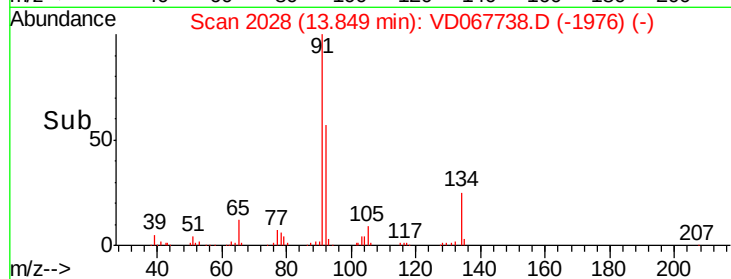
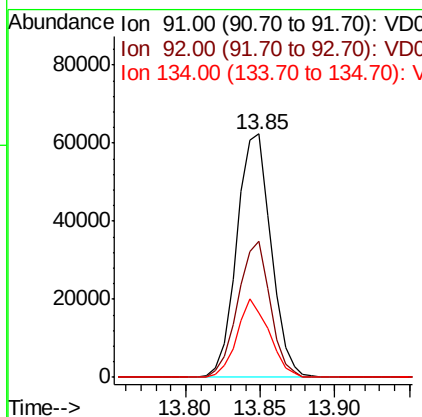
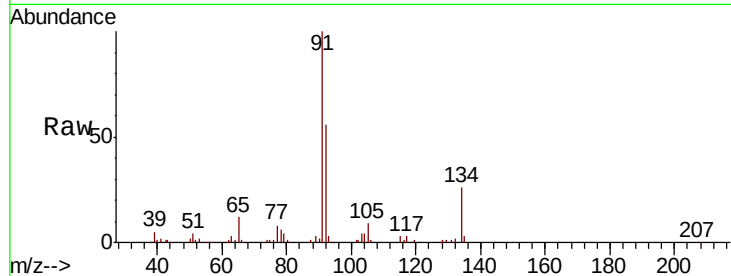




#89
n-Butylbenzene
Concen: 10.401 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

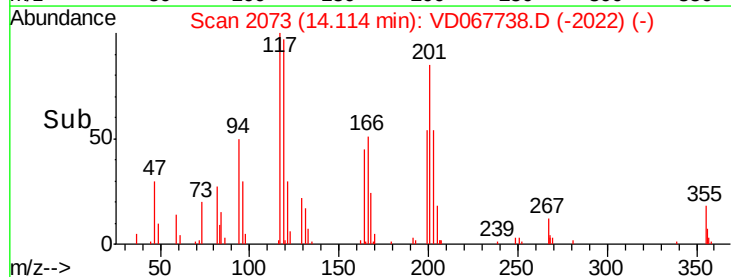
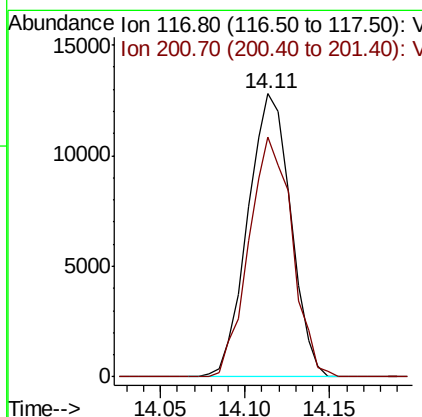
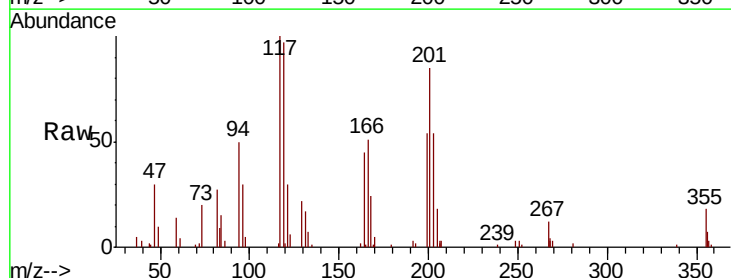
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

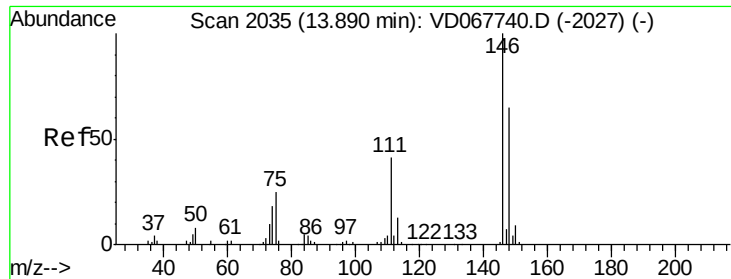
Tot Ion: 91 Resp: 99403
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 30.2 14.8 44.3



#90
Hexachloroethane
Concen: 10.583 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067738.D
Acq: 23 Nov 2020 11:23

Tgt Ion: 117 Resp: 22516
Ion Ratio Lower Upper
117 100
201 85.6 42.2 126.6

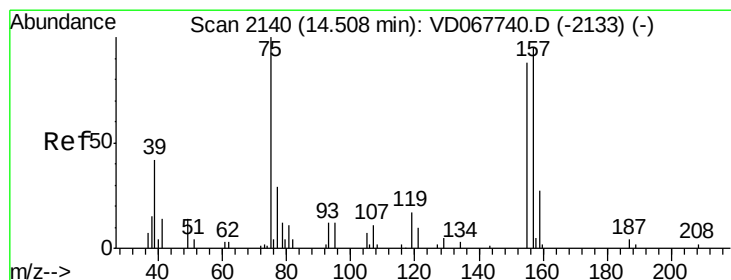
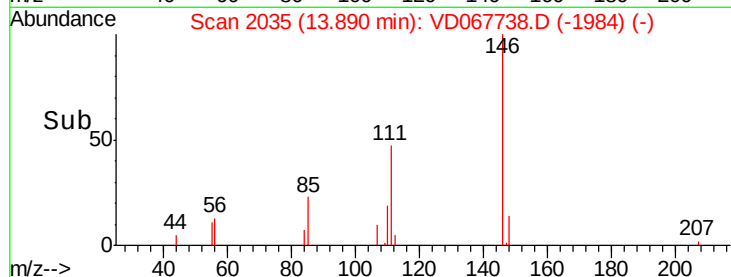
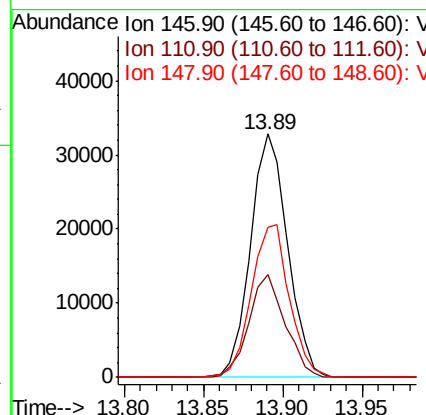
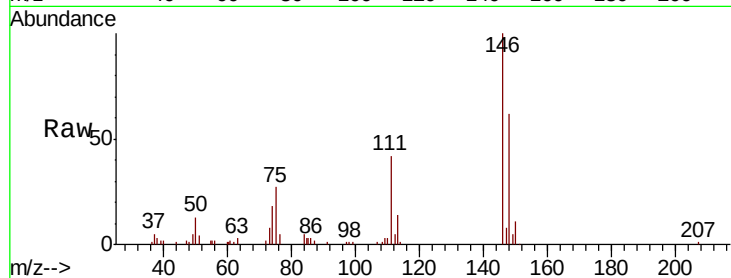




#91
 1,2-Dichlorobenzene
 Concen: 10.827 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

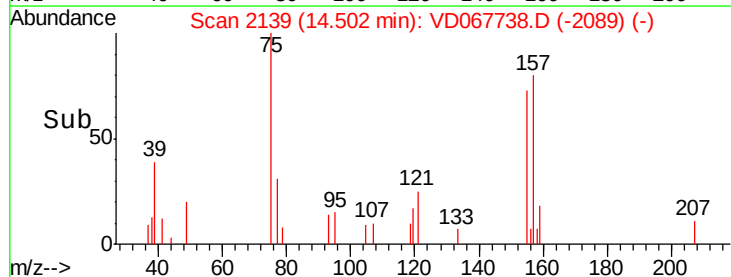
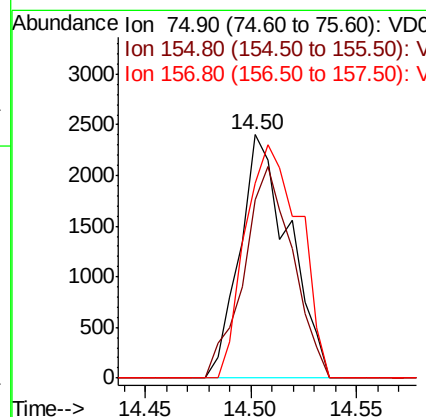
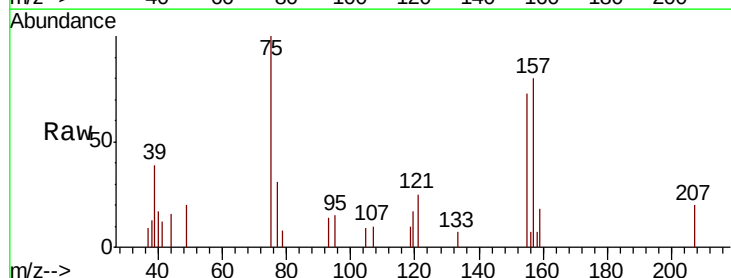
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

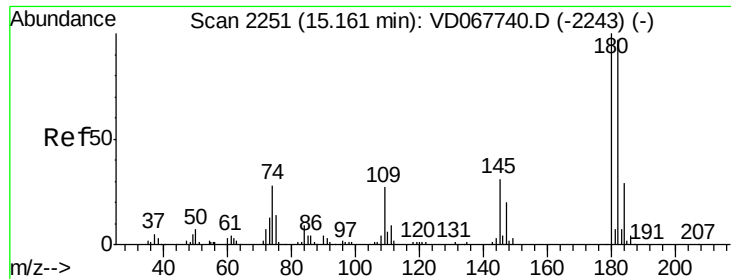
Tot Ion:146 Resp: 53396
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 64.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.614 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion: 75 Resp: 3893
 Ion Ratio Lower Upper
 75 100
 155 85.9 41.0 123.0
 157 105.9 51.1 153.4

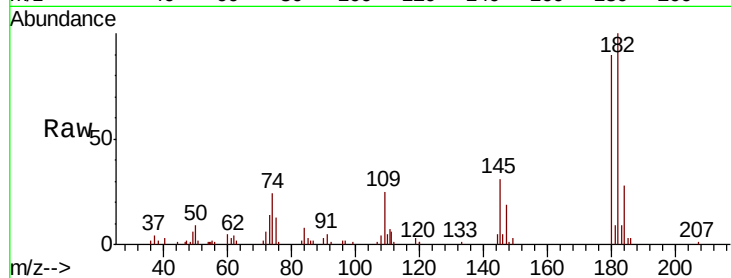




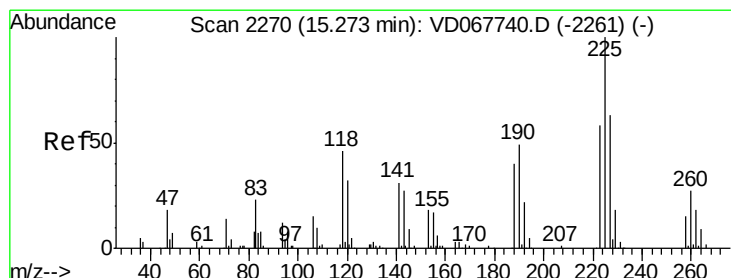
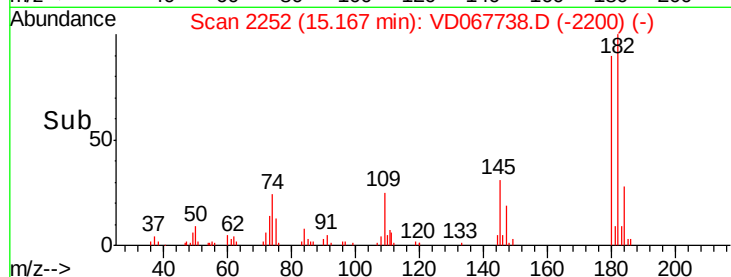
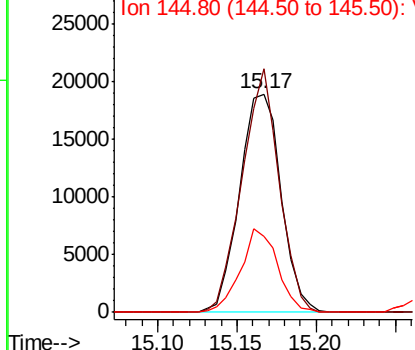
#93
 1,2,4-Trichlorobenzene
 Concen: 9.855 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDIC010

Tot Ion:180 Resp: 34419
 Ion Ratio Lower Upper
 180 100
 182 99.6 47.4 142.2
 145 34.2 16.1 48.3

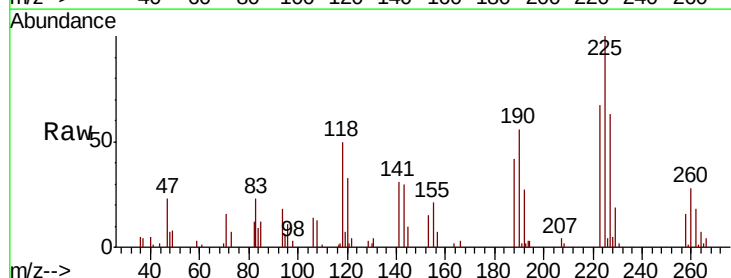


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

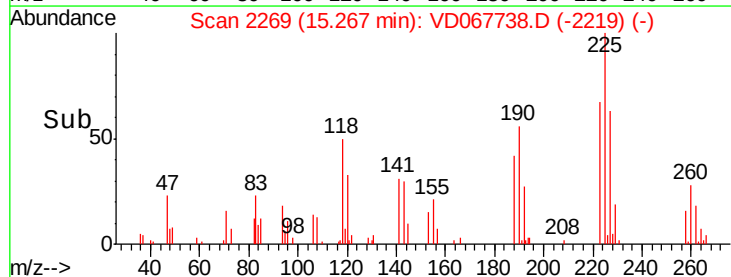
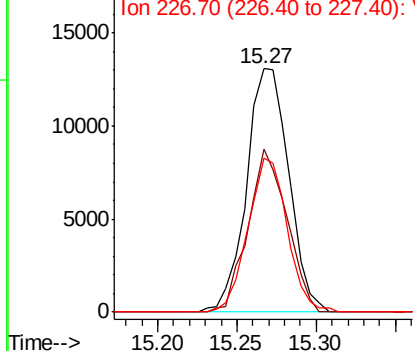


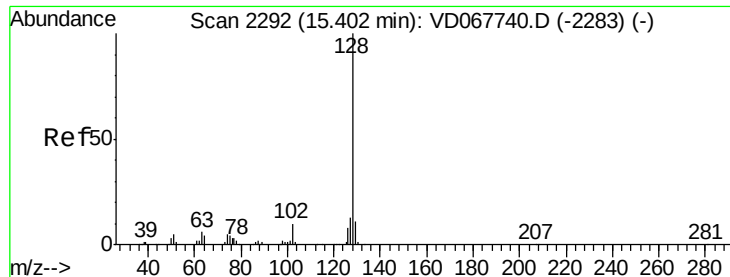
#94
 Hexachlorobutadiene
 Concen: 10.812 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067738.D
 Acq: 23 Nov 2020 11:23

Tgt Ion:225 Resp: 24223
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.5 94.5
 227 59.0 32.9 98.7



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





#95

Naphthalene

Concen: 9.813 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

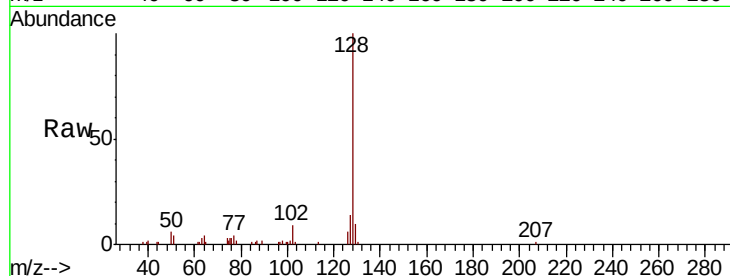
Tot Ion:128 Resp: 55534

Ion Ratio Lower Upper

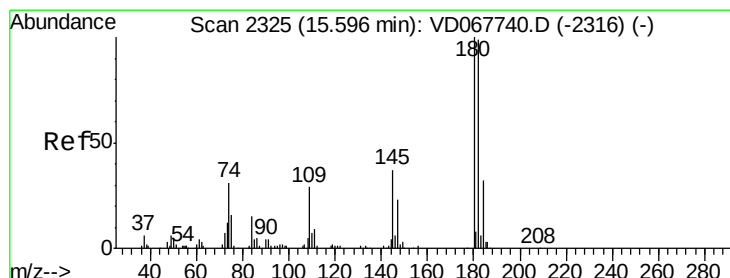
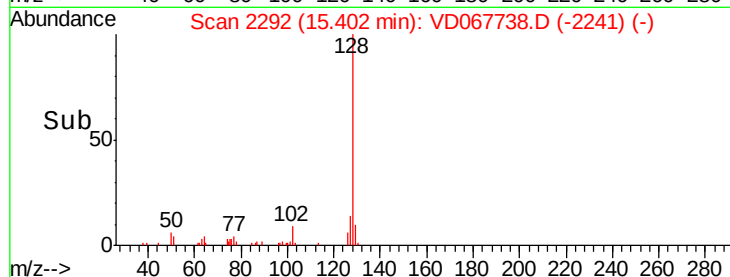
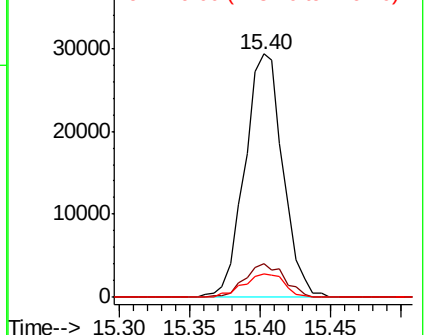
128 100

127 14.2 10.7 16.1

129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.069 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VD067738.D

Acq: 23 Nov 2020 11:23

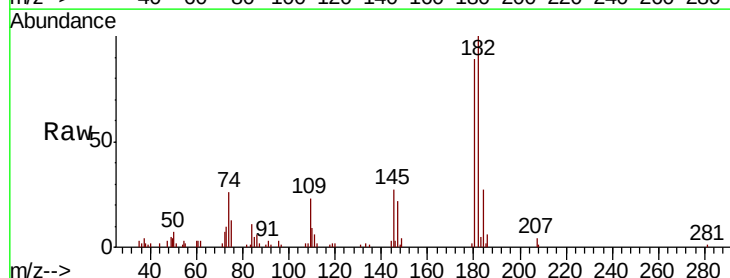
Tgt Ion:180 Resp: 29859

Ion Ratio Lower Upper

180 100

182 103.3 48.0 144.0

145 37.8 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

