

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067741.D
 Acq On : 23 Nov 2020 12:44
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 24 00:38:15 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	273144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	353042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	180523	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	270033	100.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	201.18%#		
35) Dibromofluoromethane	7.91	113	256420	103.21	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	206.42%#		
50) Toluene-d8	10.34	98	896436	99.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	198.82%#		
62) 4-Bromofluorobenzene	12.64	95	312220	100.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	201.56%#		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	232178	96.464	ug/l	96
3) Chloromethane	2.21	50	129794	94.886	ug/l	96
4) Vinyl Chloride	2.35	62	159021	93.136	ug/l	98
5) Bromomethane	2.76	94	132632	90.701	ug/l	97
6) Chloroethane	2.91	64	107003	94.934	ug/l	95
7) Trichlorofluoromethane	3.27	101	477485	92.387	ug/l	94
8) Diethyl Ether	3.71	74	99086	94.999	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	224981	91.367	ug/l	100
10) Methyl Iodide	4.30	142	279655	110.692	ug/l	98
11) Tert butyl alcohol	5.21	59	62526	311.883	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	215371	95.102	ug/l	97
13) Acrolein	3.92	56	57048	514.858	ug/l	90
14) Allyl chloride	4.71	41	215876	99.206	ug/l	98
15) Acrylonitrile	5.43	53	171912	486.310	ug/l	98
16) Acetone	4.16	43	165885	466.501	ug/l	99
17) Carbon Disulfide	4.41	76	634212	95.560	ug/l	100
18) Methyl Acetate	4.72	43	65581	95.565	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	488308	100.827	ug/l	100
20) Methylene Chloride	4.96	84	236948	67.215	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	244647	96.512	ug/l	96
22) Diisopropyl ether	6.37	45	418096	97.626	ug/l	98
23) Vinyl Acetate	6.30	43	1278015	525.550	ug/l	99
24) 1,1-Dichloroethane	6.26	63	352722	95.173	ug/l	100
25) 2-Butanone	7.21	43	180061	474.263	ug/l	97
26) 2,2-Dichloropropane	7.21	77	402755	92.812	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	267804	97.891	ug/l	98
28) Bromochloromethane	7.55	49	117870	99.600	ug/l	100
29) Tetrahydrofuran	7.56	42	110291	495.584	ug/l	97
30) Chloroform	7.71	83	447271	93.055	ug/l	100
31) Cyclohexane	7.98	56	284166	88.677	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	475684	92.881	ug/l	99
36) 1,1-Dichloropropene	8.11	75	326539	97.195	ug/l	99
37) Ethyl Acetate	7.30	43	88330	100.086	ug/l	96
38) Carbon Tetrachloride	8.10	117	469434	95.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	395934	99.236	ug/l	98
40) Benzene	8.36	78	870076	93.908	ug/l	97
41) Methacrylonitrile	7.56	41	123203	300.583	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	296491	95.252	ug/l	100
43) Isopropyl Acetate	8.45	43	177947	99.647	ug/l	99
44) Trichloroethene	9.11	130	295207	95.565	ug/l	98
45) 1,2-Dichloropropane	9.39	63	179733	95.408	ug/l	94
46) Dibromomethane	9.48	93	122926	97.158	ug/l	95
47) Bromodichloromethane	9.67	83	347683	97.223	ug/l	97
48) Methyl methacrylate	9.46	41	87575	98.999	ug/l	98
49) 1,4-Dioxane	9.47	88	26976	1965.795	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	415829	499.059	ug/l	98
52) Toluene	10.41	92	597893	95.662	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	307887	98.849	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	339638	96.318	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	161890	94.250	ug/l	99
56) Ethyl methacrylate	10.66	69	181244	102.097	ug/l	99
57) 1,3-Dichloropropane	10.95	76	261159	97.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	443401	534.838	ug/l	99
59) 2-Hexanone	10.99	43	297008	499.480	ug/l	98
60) Dibromochloromethane	11.14	129	251252	95.960	ug/l	99
61) 1,2-Dibromoethane	11.25	107	162640	95.761	ug/l	100
64) Tetrachloroethene	10.88	164	256166	92.282	ug/l	94
65) Chlorobenzene	11.67	112	659275	94.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	272760	97.363	ug/l	97
67) Ethyl Benzene	11.75	91	1170383	97.504	ug/l	99
68) m/p-Xylenes	11.86	106	906350	193.119	ug/l	100
69) o-Xylene	12.18	106	420536	98.543	ug/l	100
70) Styrene	12.20	104	701885	95.207	ug/l	99
71) Bromoform	12.36	173	143248	93.919	ug/l #	99
73) Isopropylbenzene	12.48	105	1171843	96.764	ug/l	99
74) N-amyl acetate	12.29	43	157879	100.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	150134	93.025	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	224511	159.580	ug/l #	100
77) Bromobenzene	12.76	156	289275	95.935	ug/l	99
78) n-propylbenzene	12.83	91	1300828	96.851	ug/l	99
79) 2-Chlorotoluene	12.91	91	762162	96.452	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1017553	95.721	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51848	96.240	ug/l	94
82) 4-Chlorotoluene	13.01	91	801825	95.086	ug/l	99
83) tert-Butylbenzene	13.23	119	870059	97.125	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	1011725	96.735	ug/l	99
85) sec-Butylbenzene	13.40	105	1145074	96.797	ug/l	99
86) p-Isopropyltoluene	13.52	119	1114578	97.427	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	534378	90.943	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	540697	92.339	ug/l	100
89) n-Butylbenzene	13.84	91	942884	96.278	ug/l	100
90) Hexachloroethane	14.11	117	206650	94.793	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	478681	94.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30013	87.380	ug/l	81

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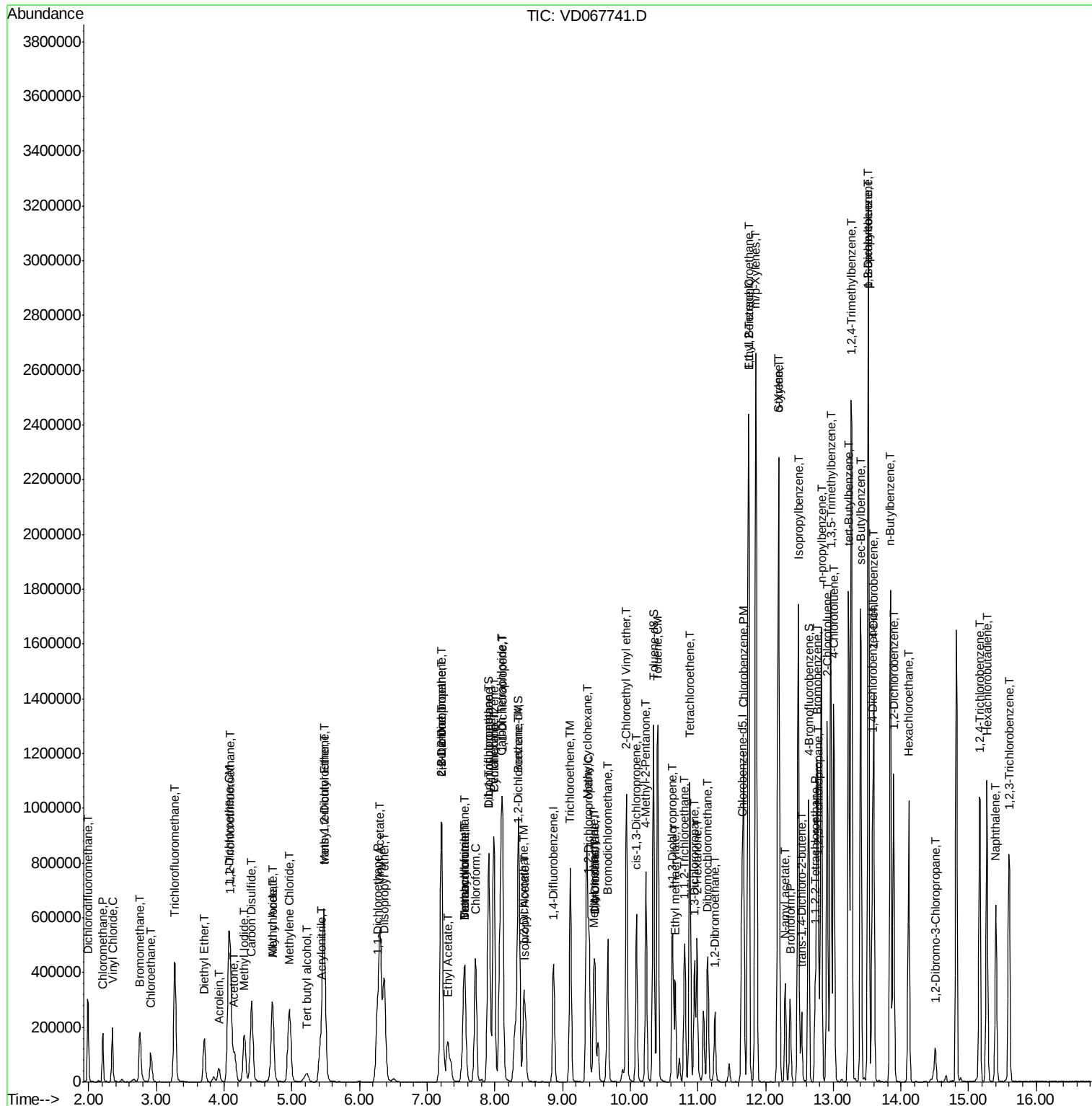
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	354444	99.040	ug/l	99
94) Hexachlorobutadiene	15.27	225	219594	95.657	ug/l	98
95) Naphthalene	15.40	128	595816	102.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	301885	99.343	ug/l	99

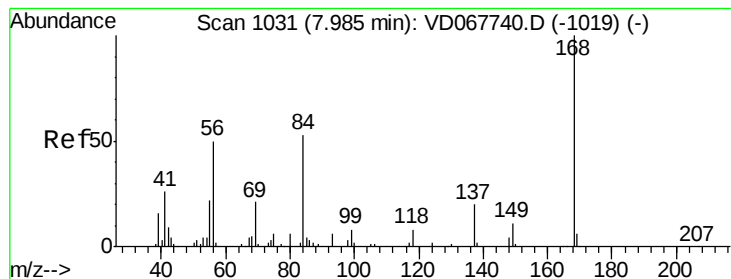
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

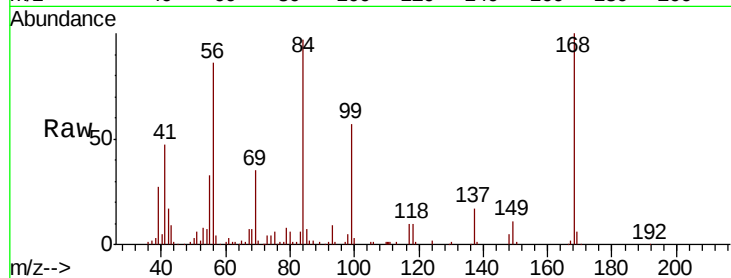
VSTDICC100

Tot Ion:168 Resp: 273144

Ion Ratio Lower Upper

168 100

99 56.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

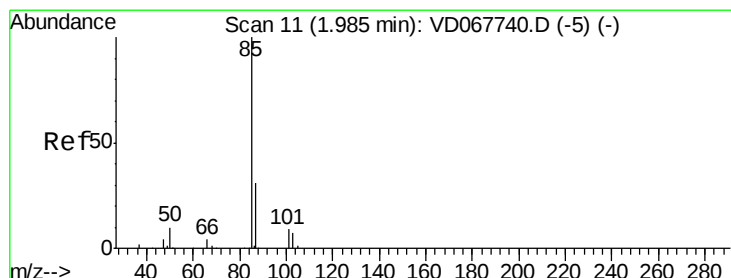
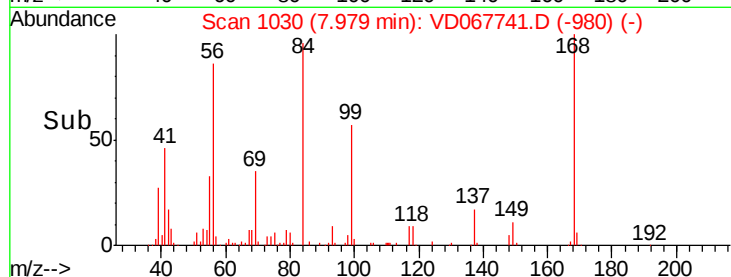
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 96.464 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067741.D

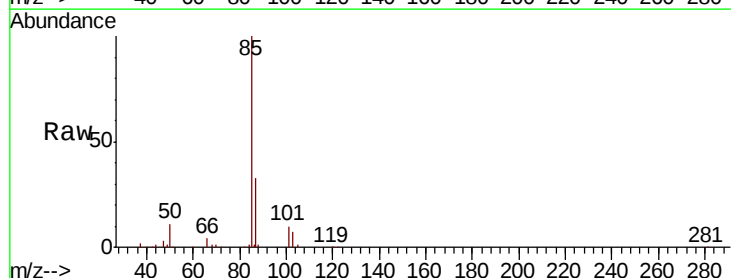
Acq: 23 Nov 2020 12:44

Tgt Ion: 85 Resp: 232178

Ion Ratio Lower Upper

85 100

87 33.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

200000

150000

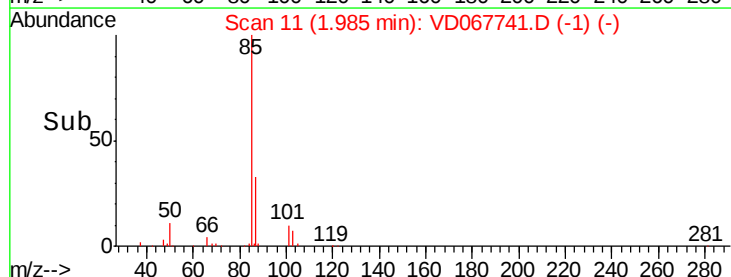
100000

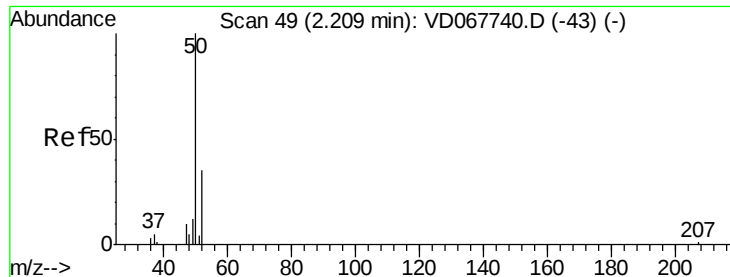
50000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 94.886 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

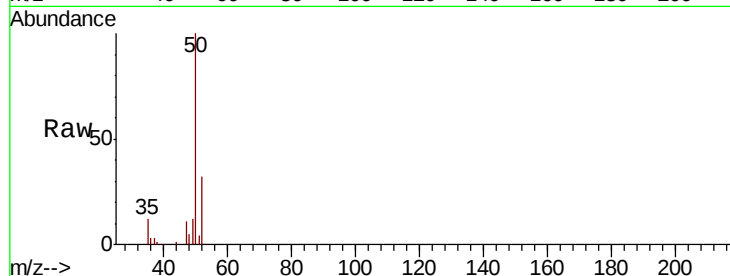
VSTDIC100

Tot Ion: 50 Resp: 129794

Ion Ratio Lower Upper

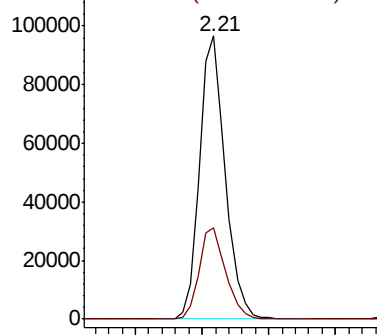
50 100

52 32.5 27.8 41.8

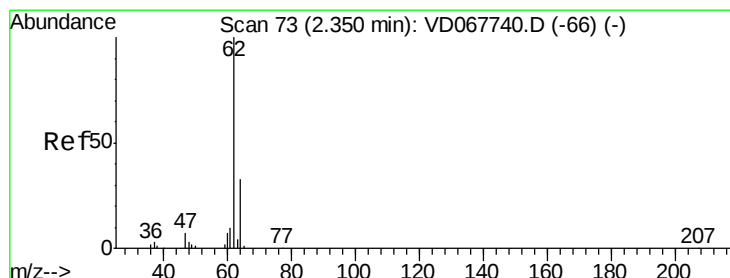
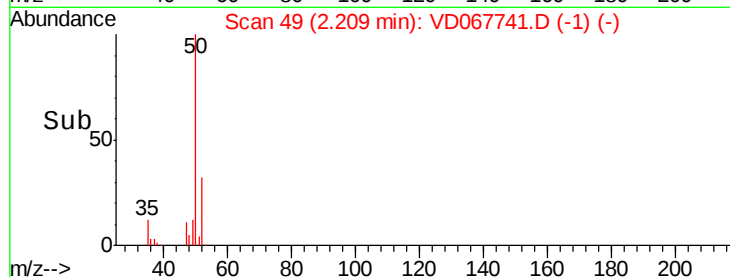


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 93.136 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067741.D

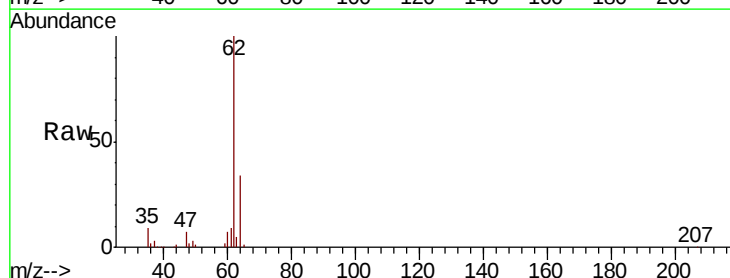
Acq: 23 Nov 2020 12:44

Tgt Ion: 62 Resp: 159021

Ion Ratio Lower Upper

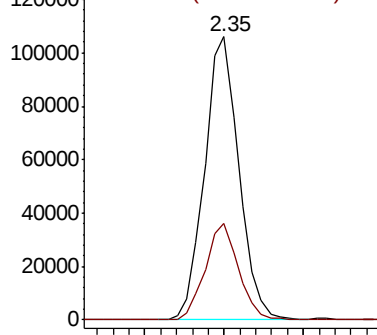
62 100

64 34.2 26.6 40.0

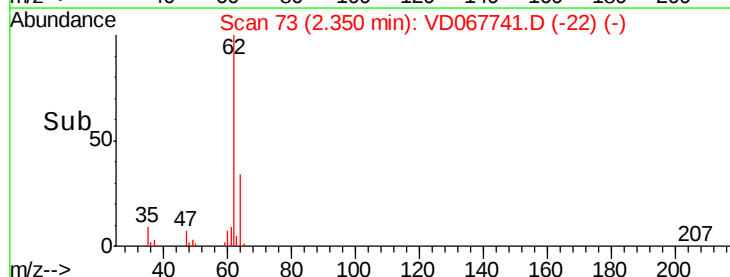


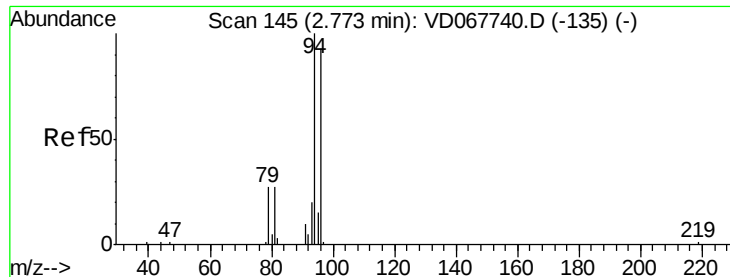
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 90.701 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

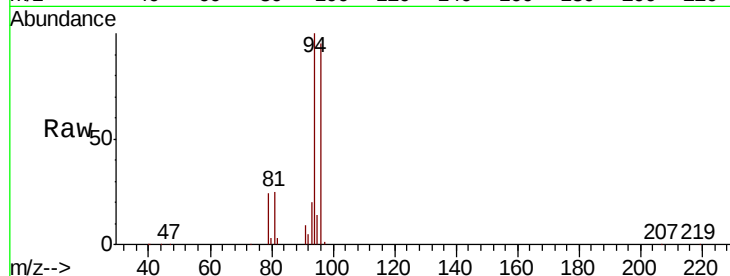
VSTDIC100

Tot Ion: 94 Resp: 132632

Ion Ratio Lower Upper

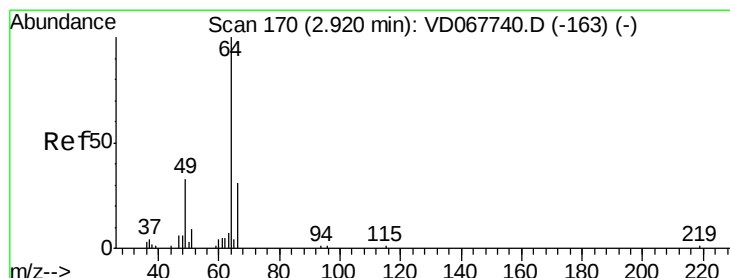
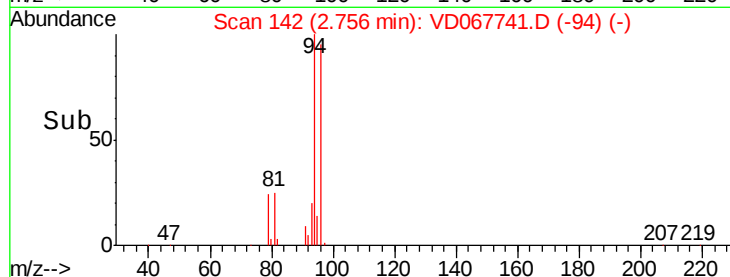
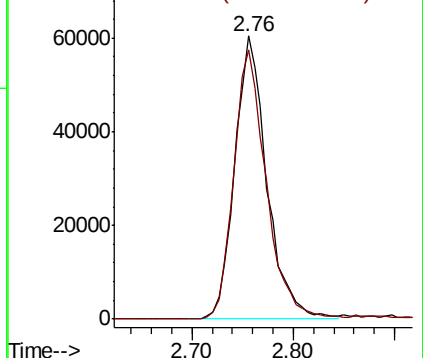
94 100

96 95.2 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: 94.934 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067741.D

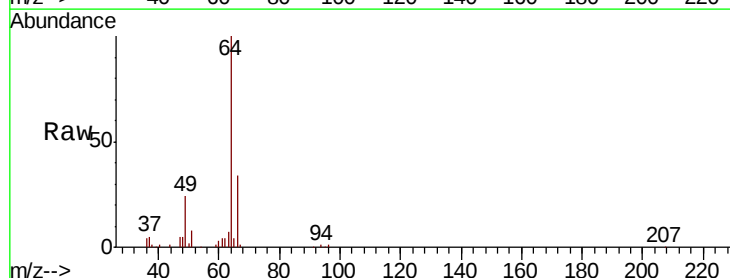
Acq: 23 Nov 2020 12:44

Tgt Ion: 64 Resp: 107003

Ion Ratio Lower Upper

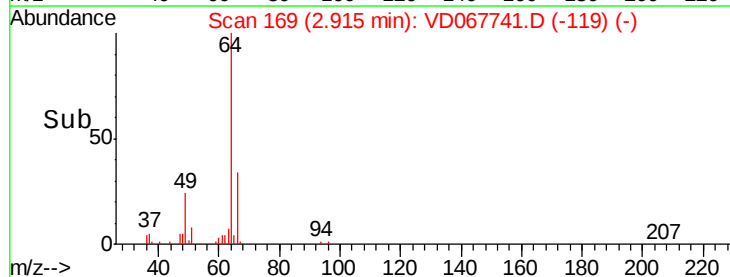
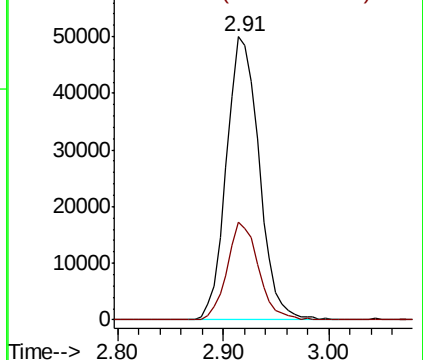
64 100

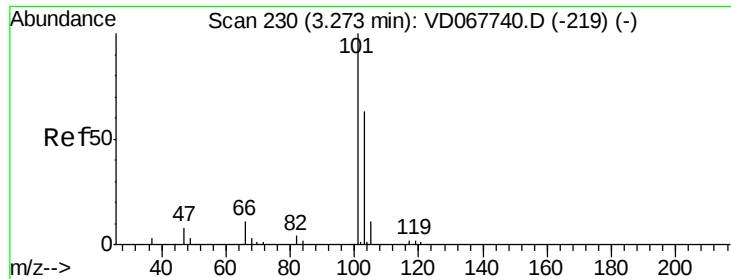
66 34.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



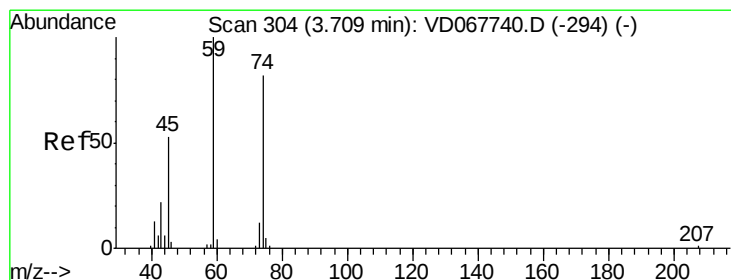
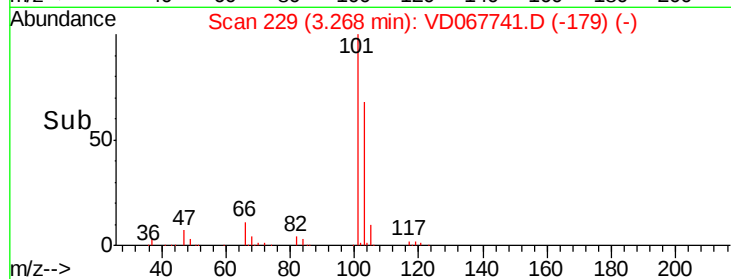
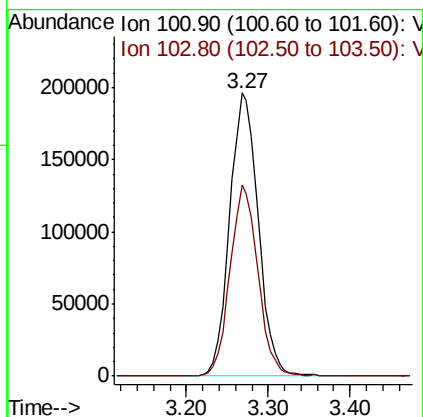
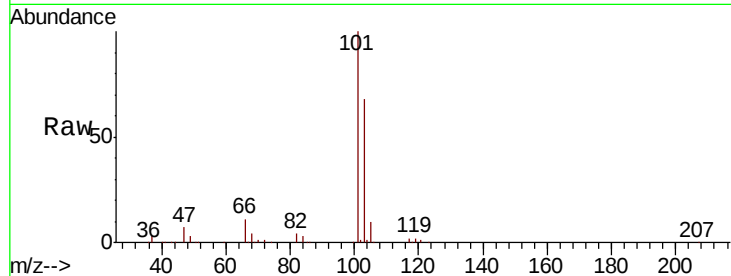


#7

Trichlorofluoromethane
 Concen: 92.387 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067741.D
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Instrument :
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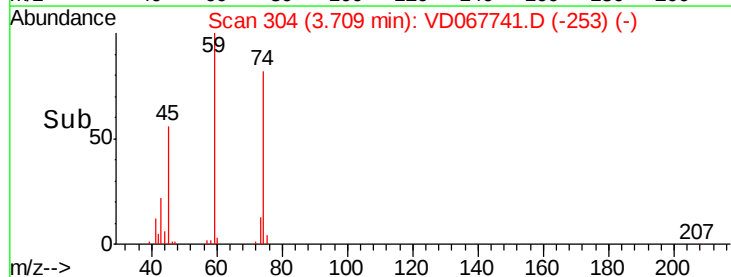
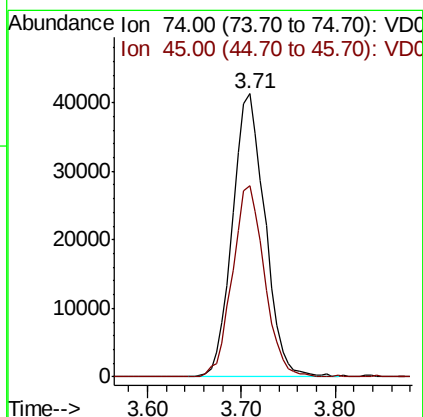
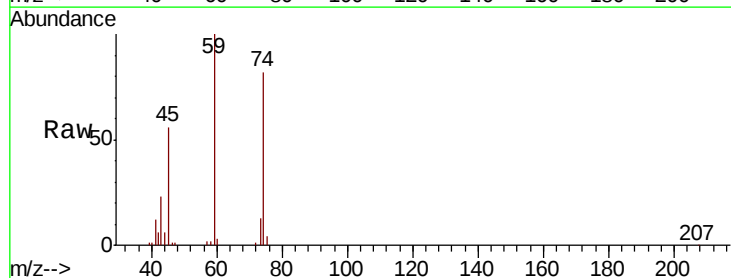
Tot Ion:101 Resp: 477485
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.3 75.5

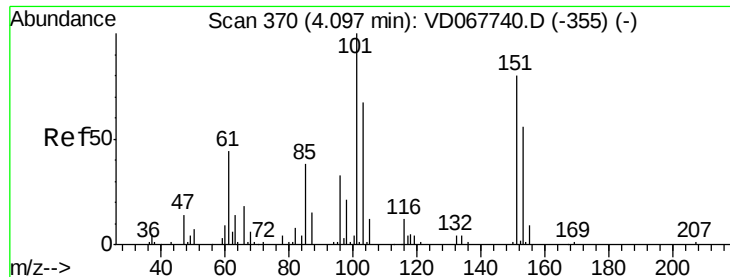


#8

Diethyl Ether
 Concen: 94.999 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 74 Resp: 99086
 Ion Ratio Lower Upper
 74 100
 45 66.4 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.367 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

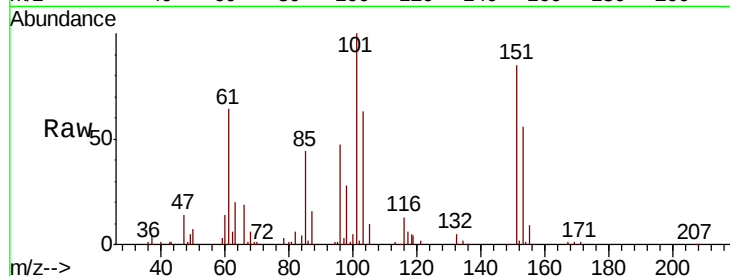
Tot Ion:101 Resp: 224981

Ion Ratio Lower Upper

101 100

85 44.2 35.5 53.3

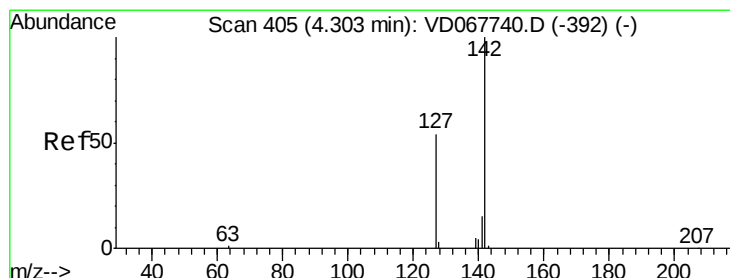
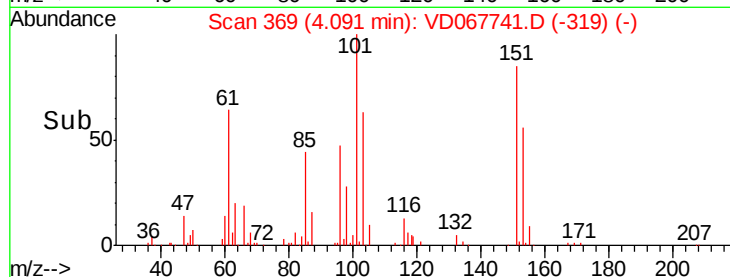
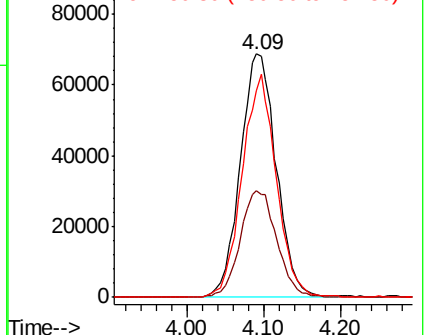
151 86.7 69.4 104.0



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: 110.692 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

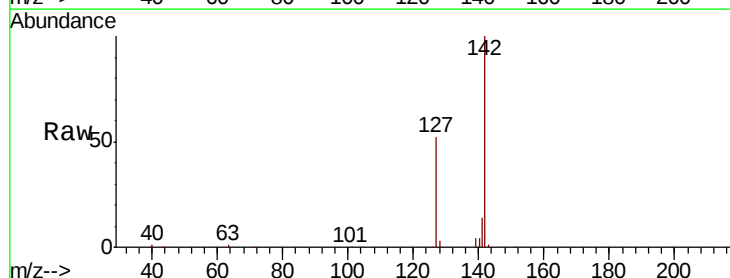
Tgt Ion:142 Resp: 279655

Ion Ratio Lower Upper

142 100

127 51.7 42.2 63.2

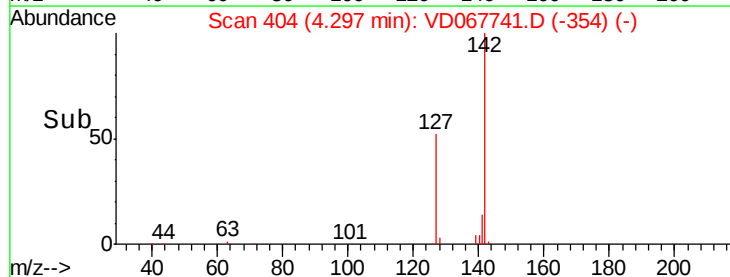
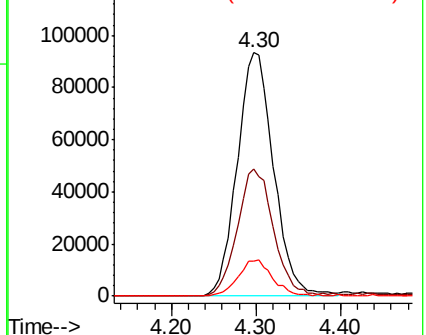
141 14.0 11.8 17.6

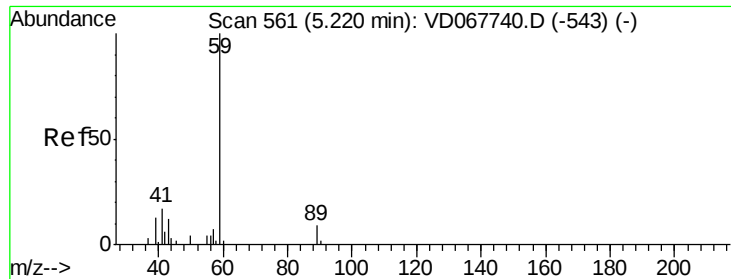


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



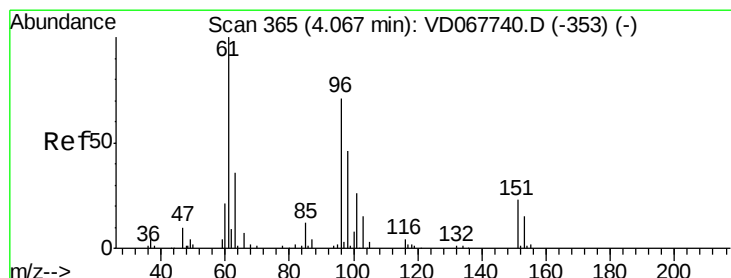
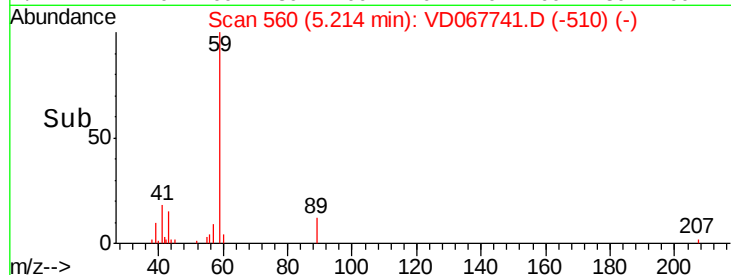
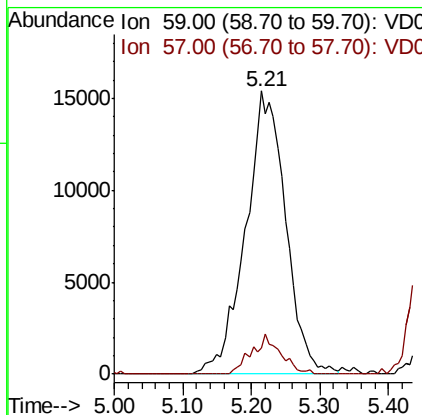
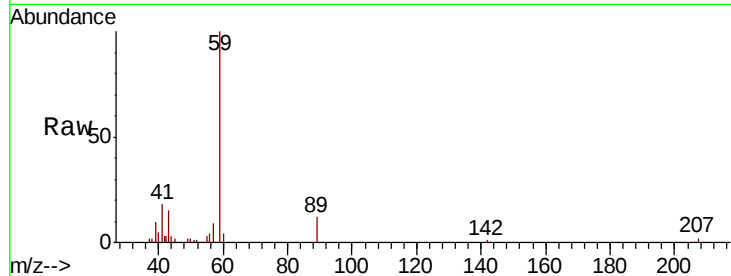


#11

Tert butyl alcohol
 Concen: 311.883 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

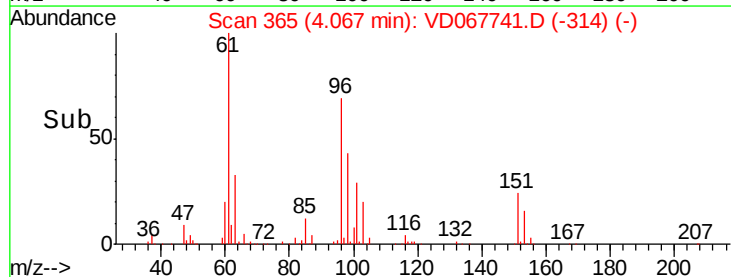
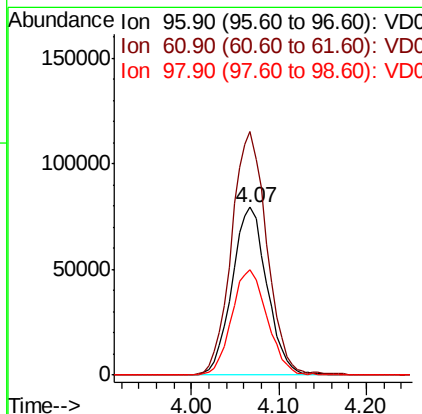
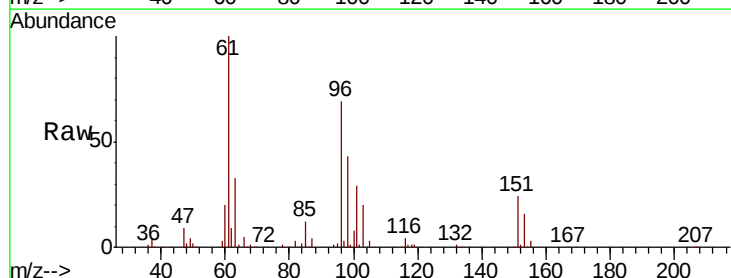
Tot Ion: 59 Resp: 62526
 Ion Ratio Lower Upper
 59 100
 57 10.2 3.4 5.0#

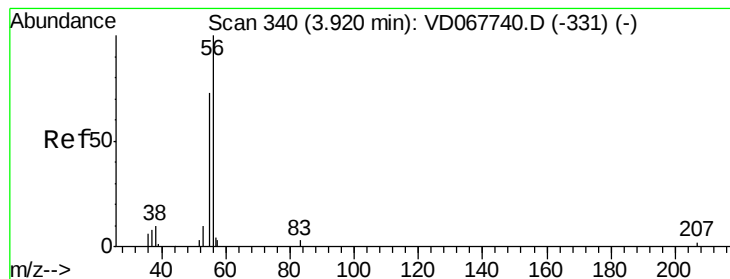


#12

1,1-Dichloroethene
 Concen: 95.102 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 96 Resp: 215371
 Ion Ratio Lower Upper
 96 100
 61 145.3 112.9 169.3
 98 63.0 52.4 78.6





#13

Acrolein

Concen: 514.858 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

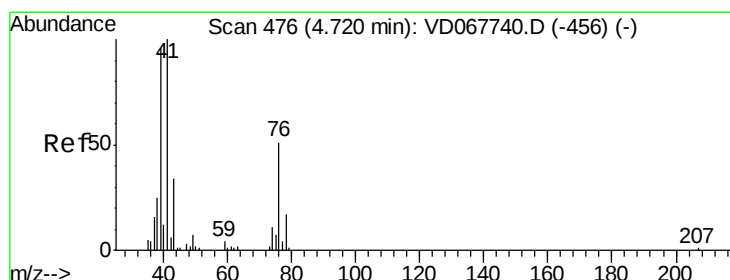
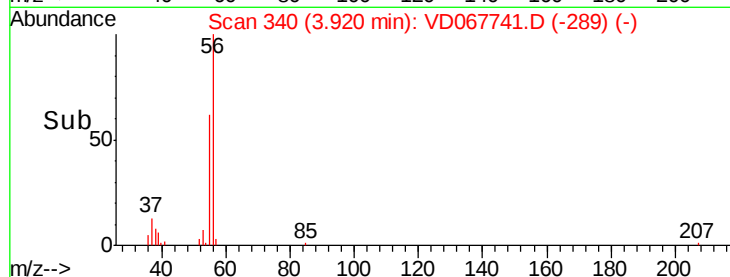
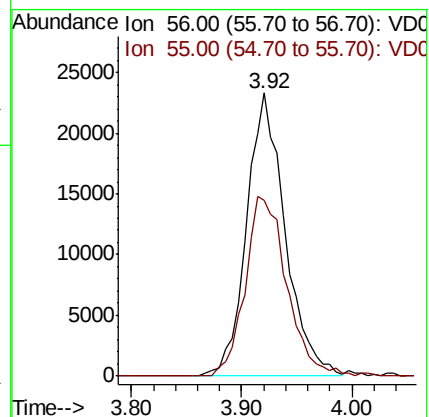
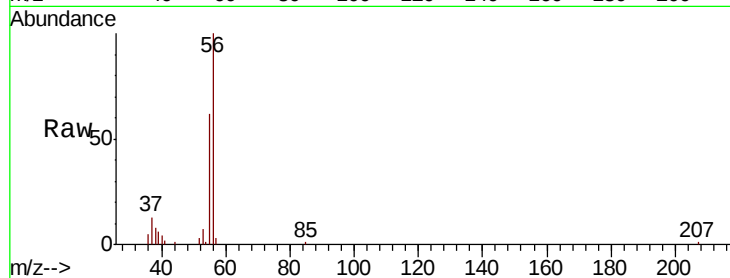
VSTDIC100

Tot Ion: 56 Resp: 57048

Ion Ratio Lower Upper

56 100

55 68.2 61.2 91.8



#14

Allyl chloride

Concen: 99.206 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

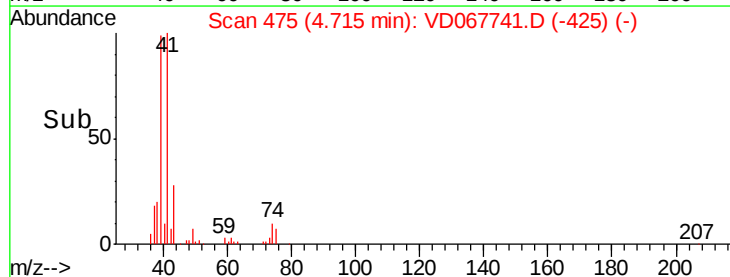
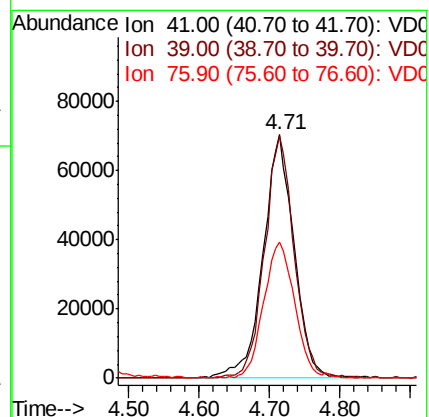
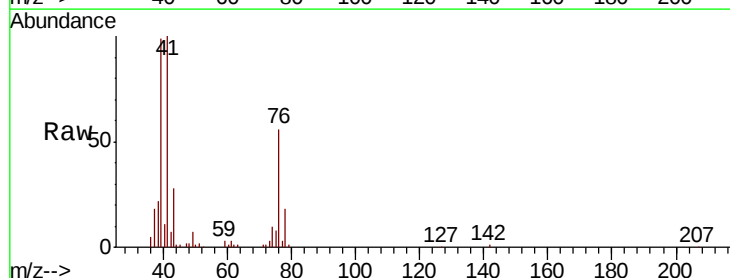
Tgt Ion: 41 Resp: 215876

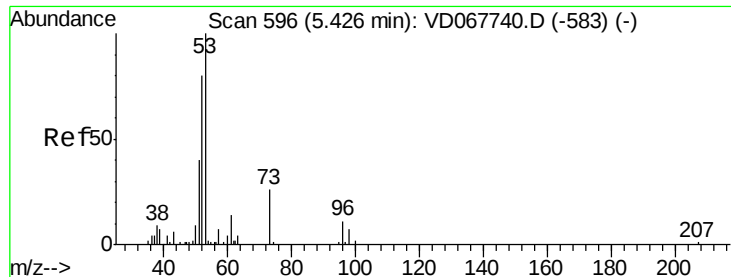
Ion Ratio Lower Upper

41 100

39 95.2 74.6 111.8

76 55.1 43.3 64.9





#15

Acrylonitrile

Concen: 486.310 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

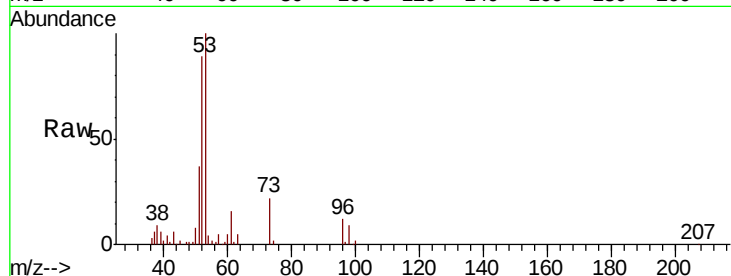
Tot Ion: 53 Resp: 171912

Ion Ratio Lower Upper

53 100

52 81.0 63.4 95.2

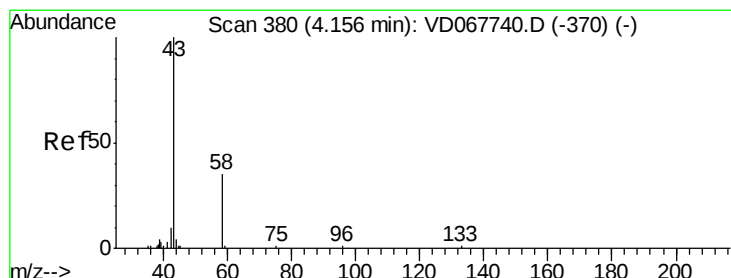
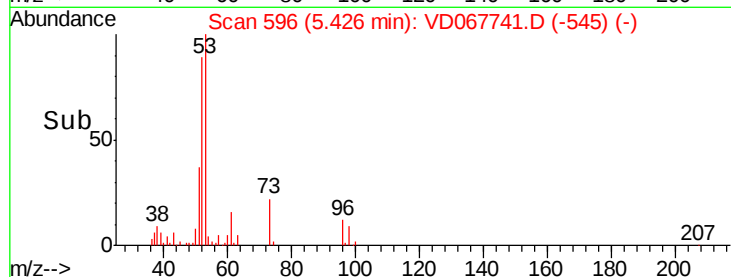
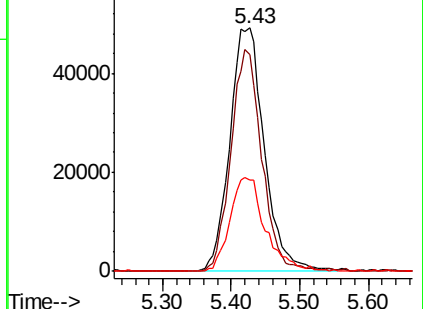
51 39.7 31.4 47.2



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: 466.501 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067741.D

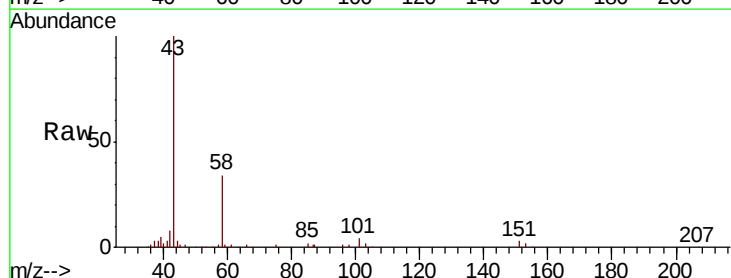
Acq: 23 Nov 2020 12:44

Tgt Ion: 43 Resp: 165885

Ion Ratio Lower Upper

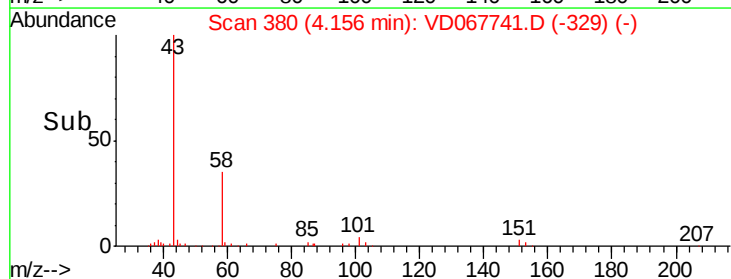
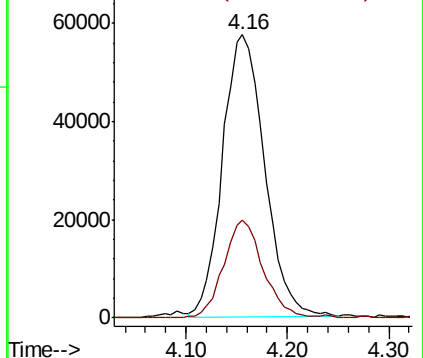
43 100

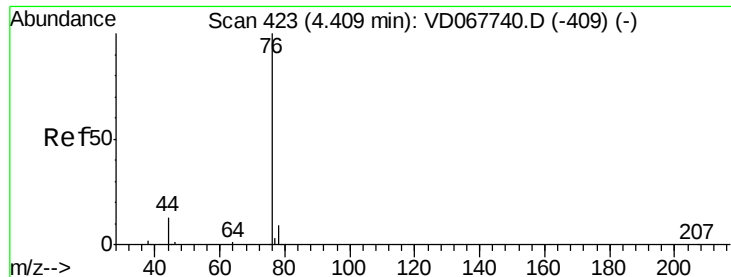
58 34.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

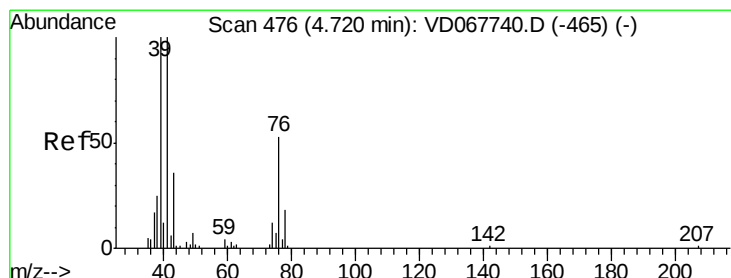
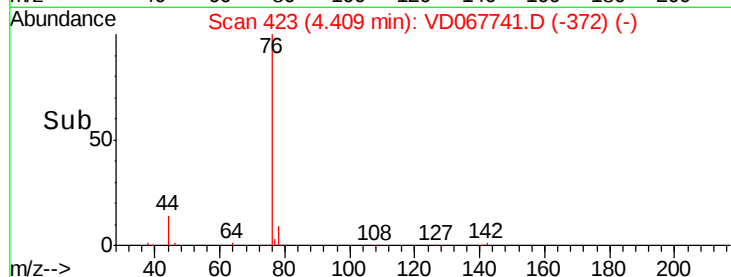
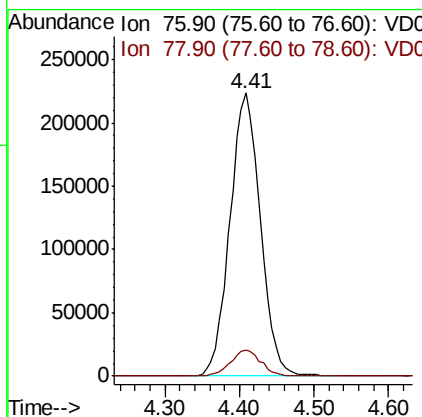
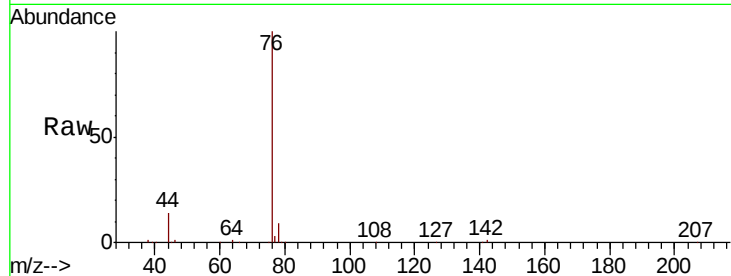




#17
Carbon Disulfide
Concen: 95.560 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

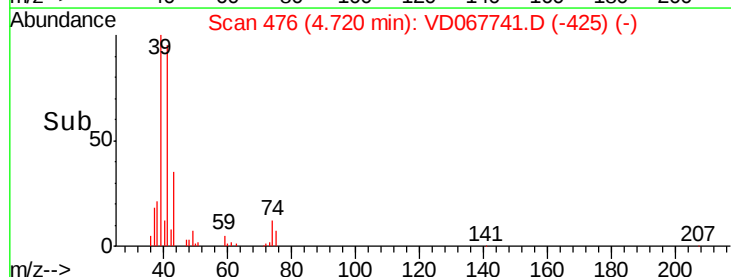
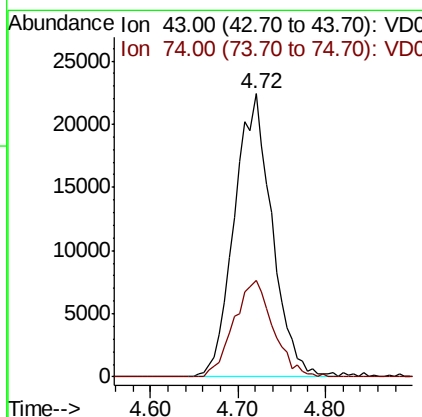
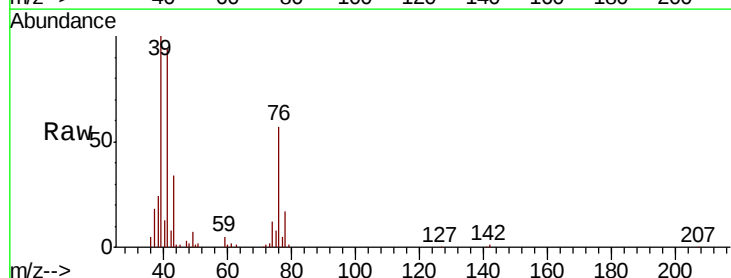
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

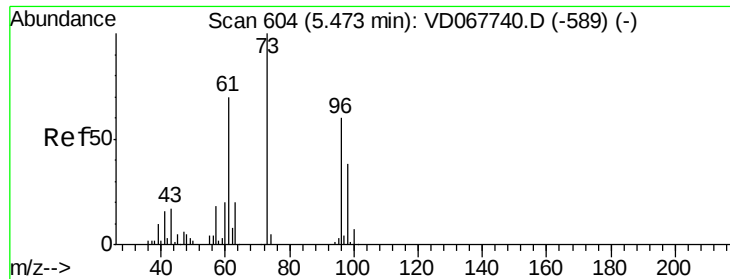
Tot Ion: 76 Resp: 634212
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 95.565 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 43 Resp: 65581
Ion Ratio Lower Upper
43 100
74 35.4 29.7 44.5

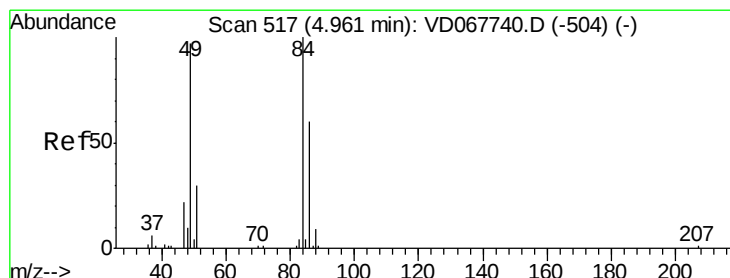
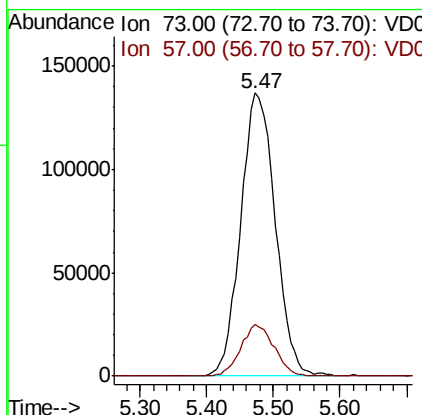
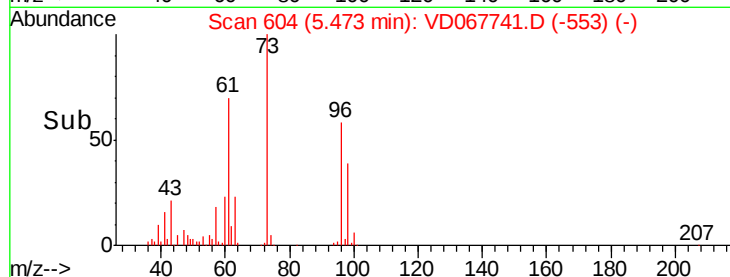
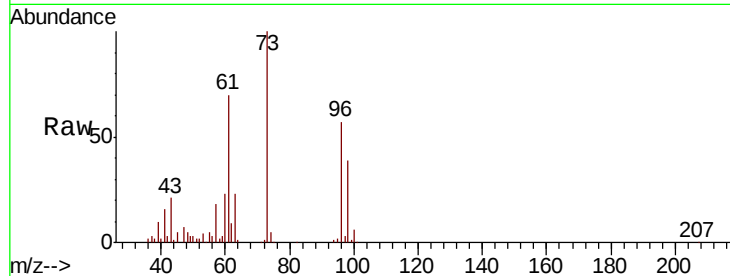




#19
Methvl tert-butvl Ether
Concen: 100.827 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

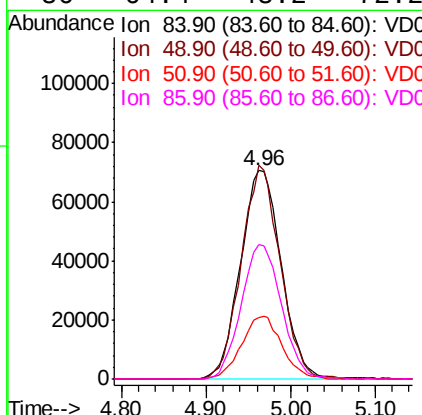
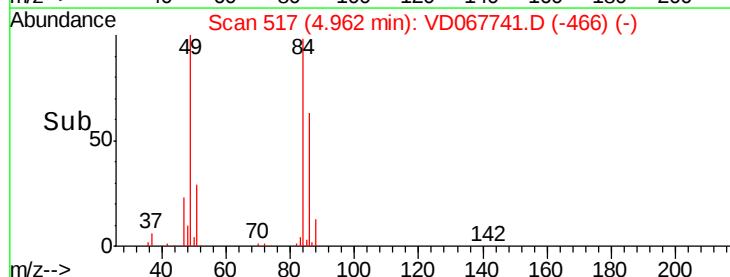
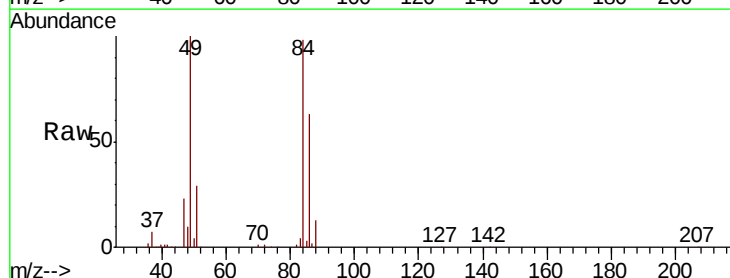
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

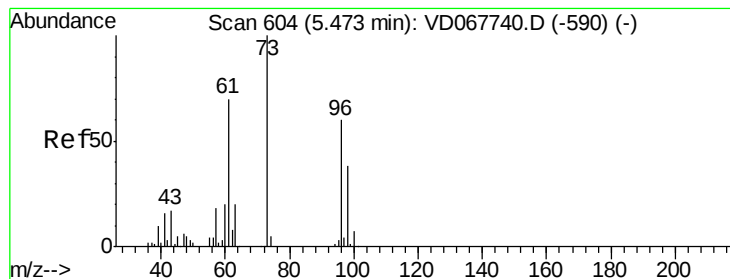
Tot Ion: 73 Resp: 488308
Ion Ratio Lower Upper
73 100
57 18.3 14.8 22.2



#20
Methylene Chloride
Concen: 67.215 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 84 Resp: 236948
Ion Ratio Lower Upper
84 100
49 102.5 77.4 116.2
51 29.8 24.1 36.1
86 64.4 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 96.512 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

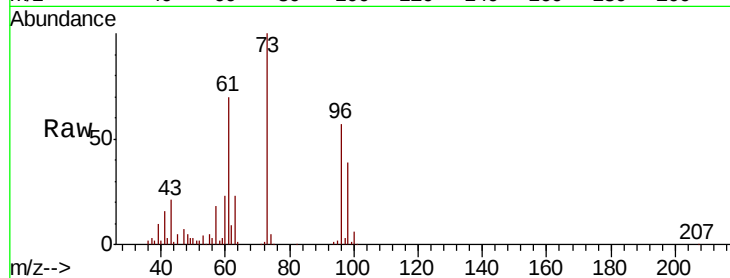
Tot Ion: 96 Resp: 244647

Ion Ratio Lower Upper

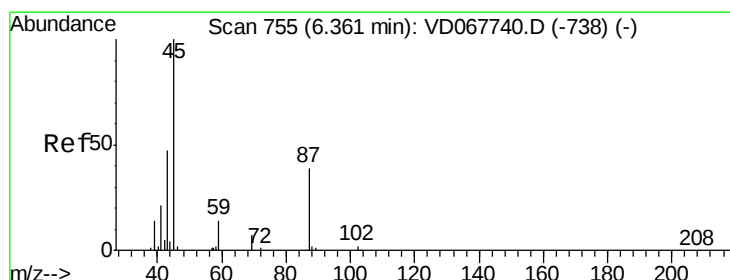
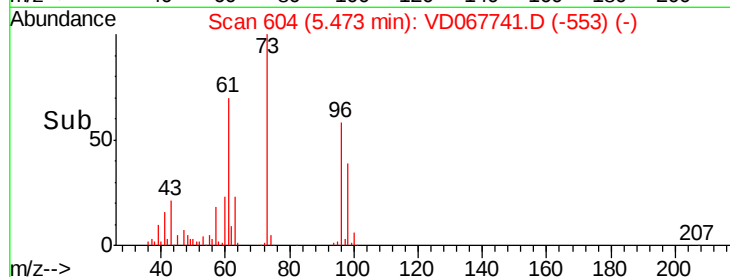
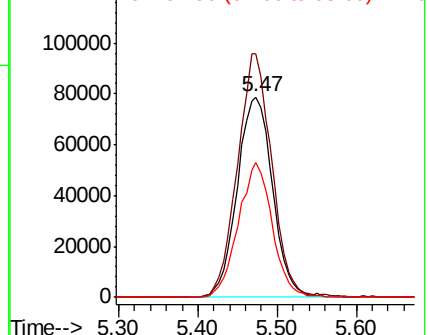
96 100

61 121.5 94.0 141.0

98 67.1 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: 97.626 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Tgt Ion: 45 Resp: 418096

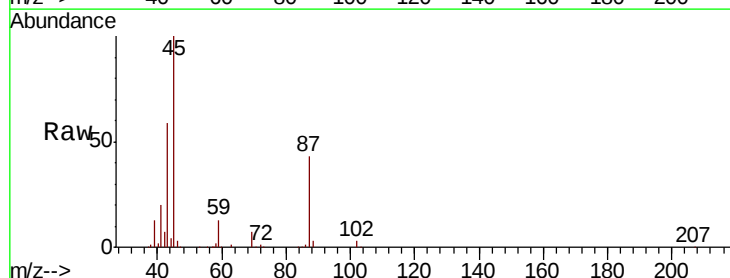
Ion Ratio Lower Upper

45 100

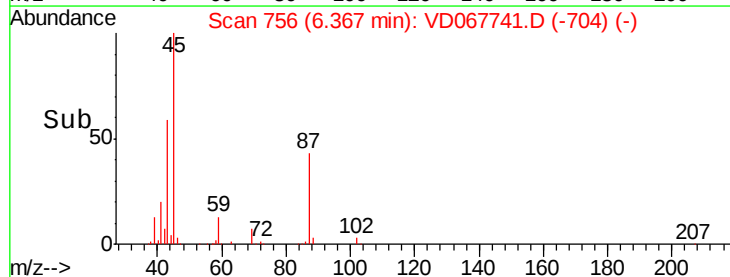
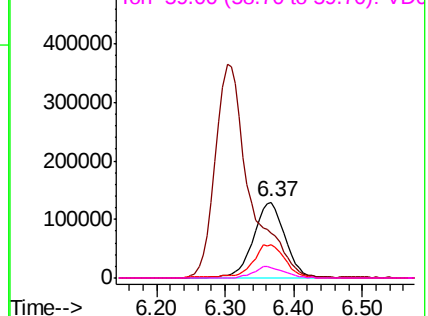
43 58.3 46.8 70.2

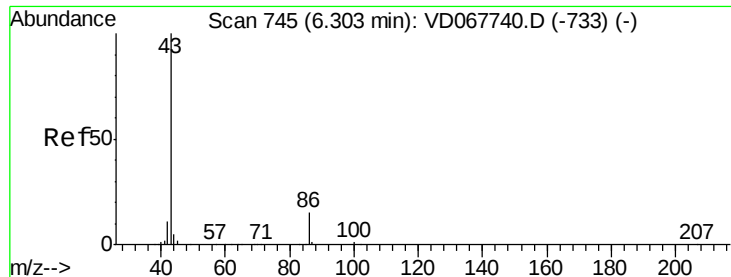
87 43.2 32.9 49.3

59 13.0 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: 525.550 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

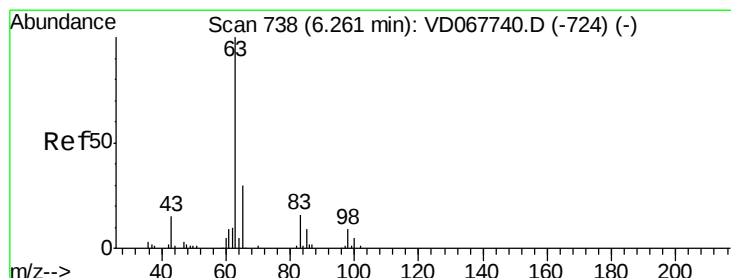
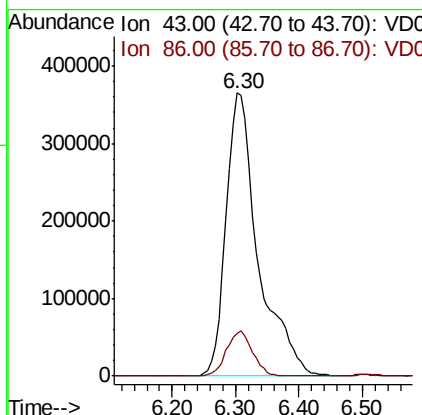
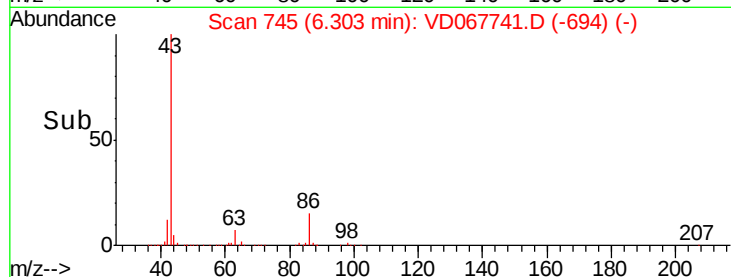
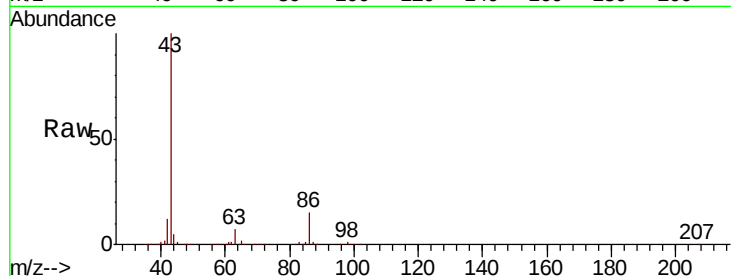
VSTDIC100

Tot Ion: 43 Resp: 1278015

Ion Ratio Lower Upper

43 100

86 15.1 11.7 17.5



#24

1,1-Dichloroethane

Concen: 95.173 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

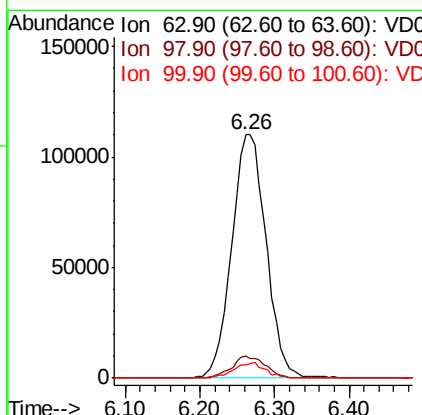
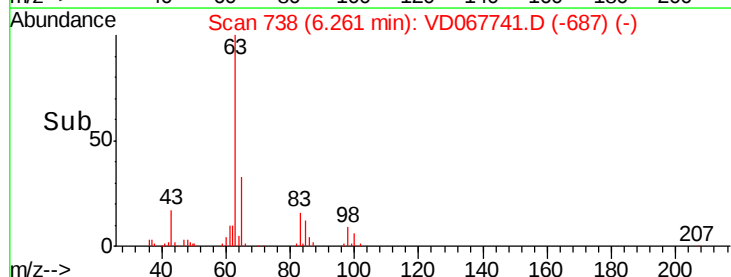
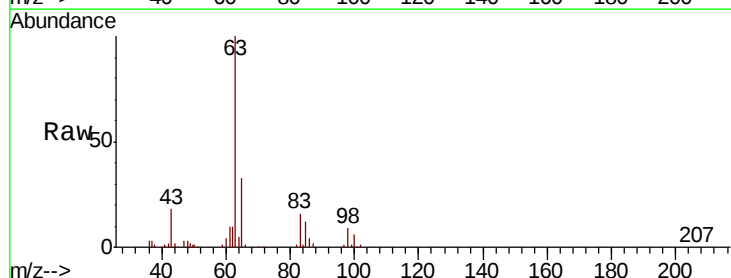
Tgt Ion: 63 Resp: 352722

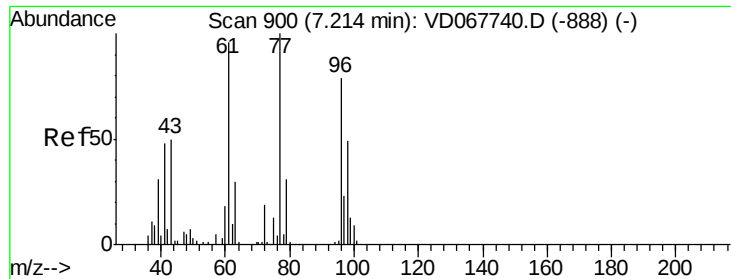
Ion Ratio Lower Upper

63 100

98 8.9 4.4 13.2

100 5.6 2.6 8.0

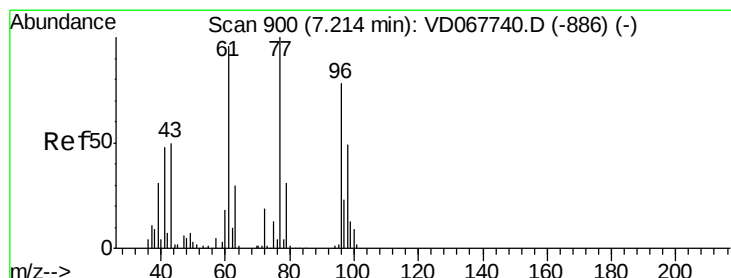
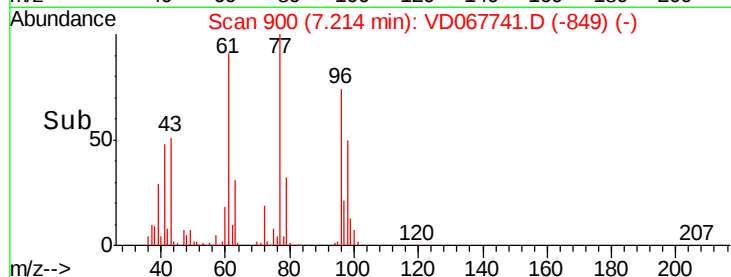
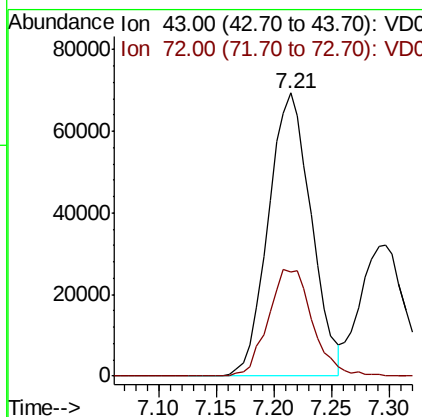
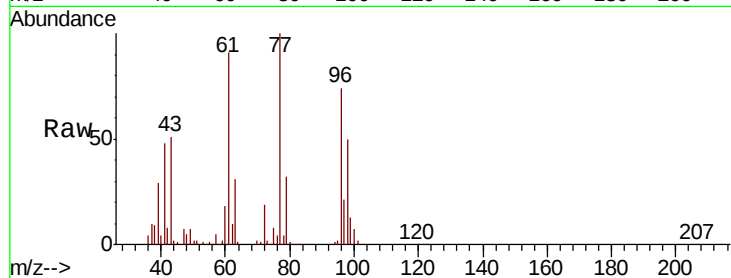




#25
2-Butanone
Concen: 474.263 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

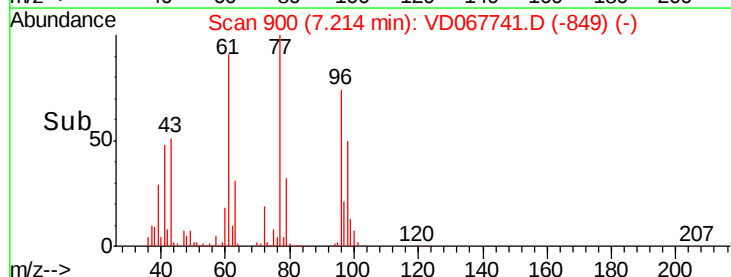
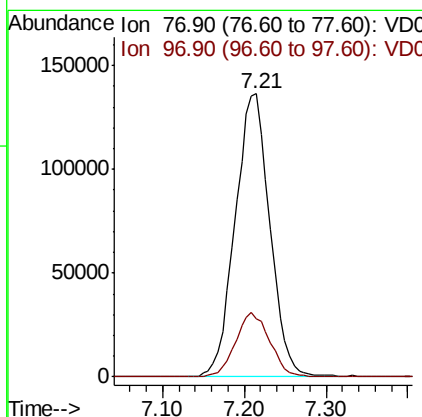
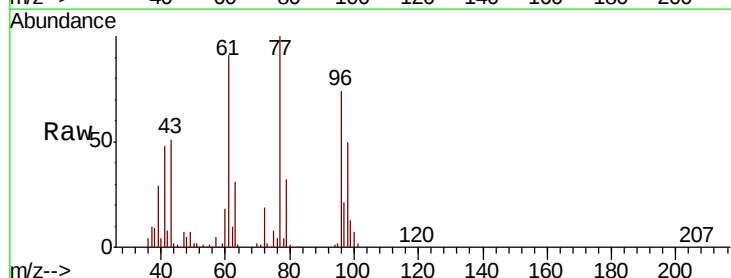
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

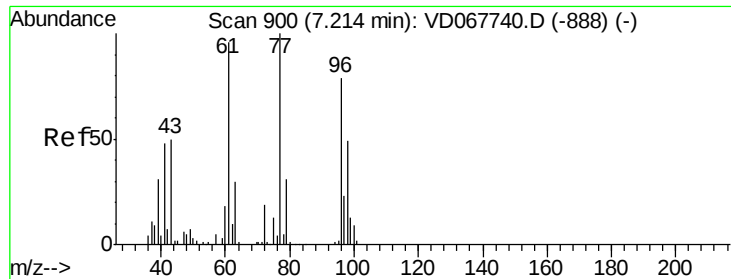
Tot Ion: 43 Resp: 180061
Ion Ratio Lower Upper
43 100
72 36.8 30.8 46.2



#26
2,2-Dichloropropane
Concen: 92.812 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 77 Resp: 402755
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.3



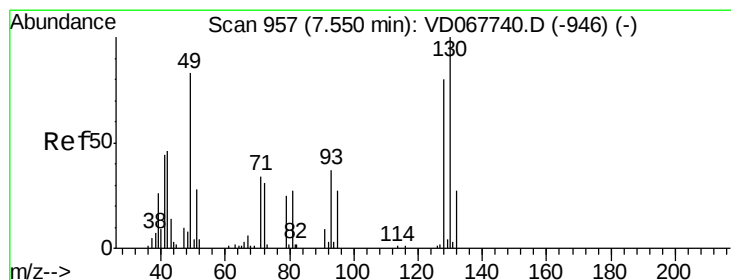
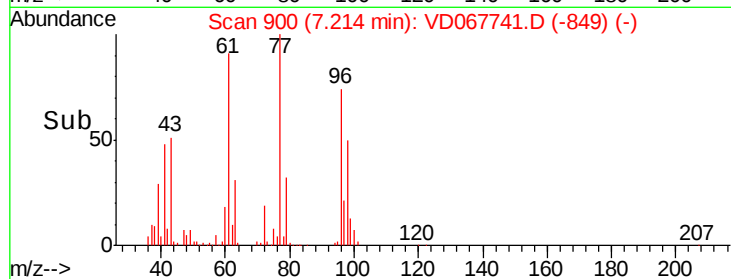
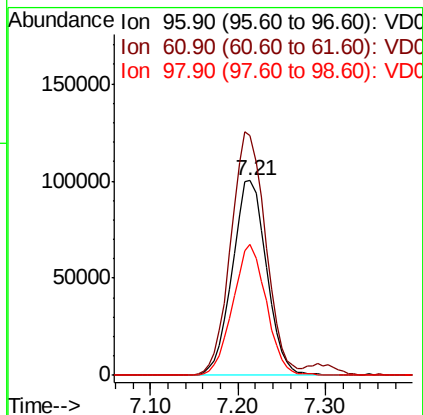
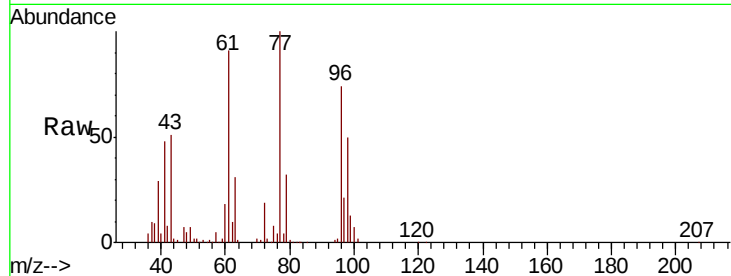


#27

cis-1,2-Dichloroethene
 Concen: 97.891 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

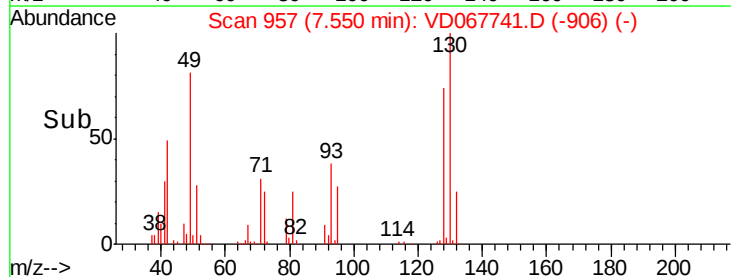
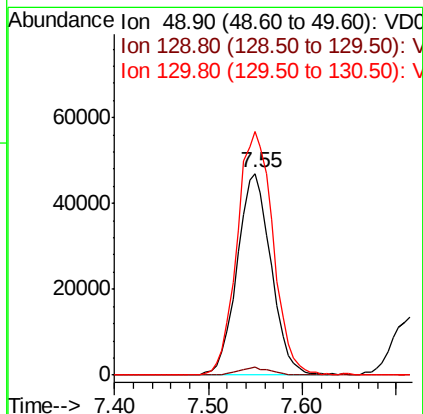
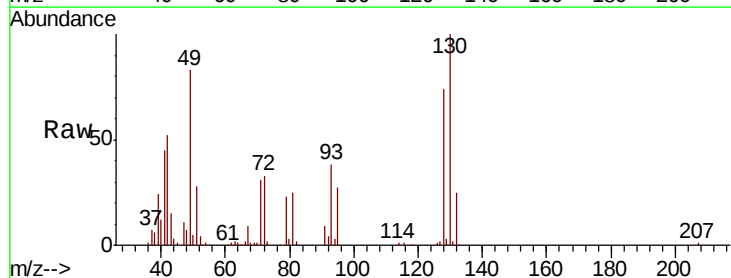
Tot Ion: 96 Resp: 267804
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 258.0
 98 65.6 0.0 131.8

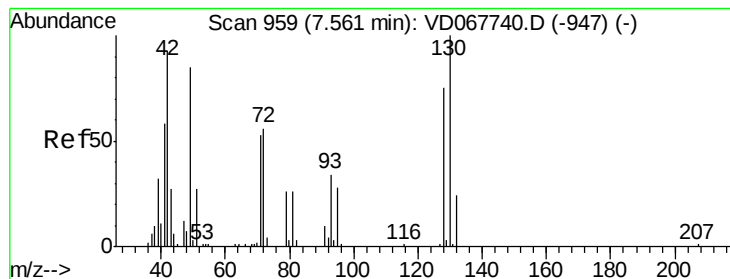


#28

Bromochloromethane
 Concen: 99.600 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 49 Resp: 117870
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 7.0
 130 127.5 102.2 153.4





#29

Tetrahydrofuran

Concen: 495.584 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

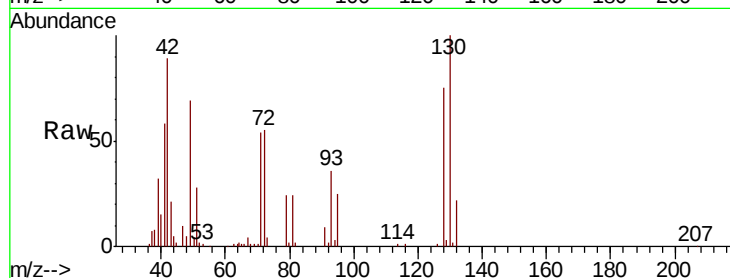
Tot Ion: 42 Resp: 110291

Ion Ratio Lower Upper

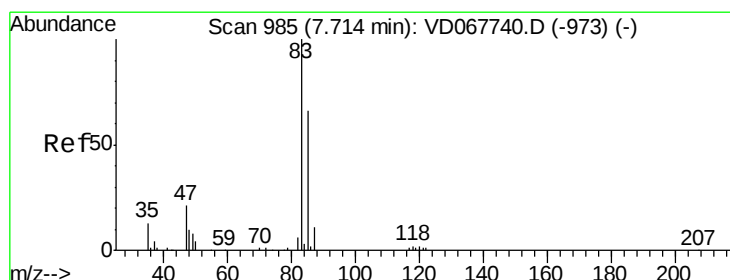
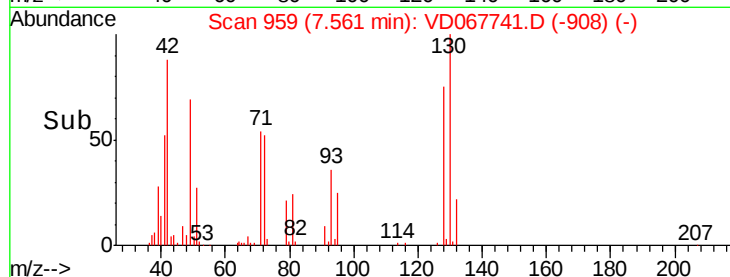
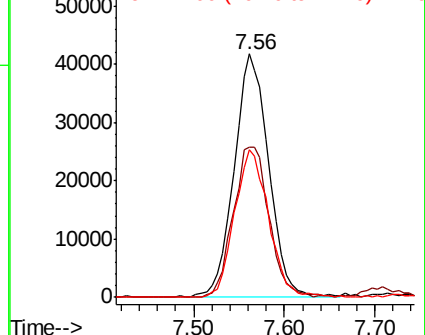
42 100

72 63.7 49.3 73.9

71 60.3 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: 93.055 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067741.D

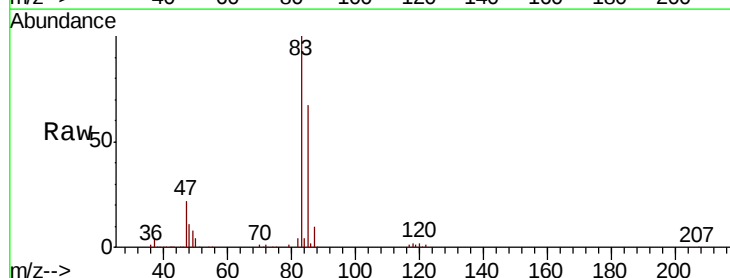
Acq: 23 Nov 2020 12:44

Tgt Ion: 83 Resp: 447271

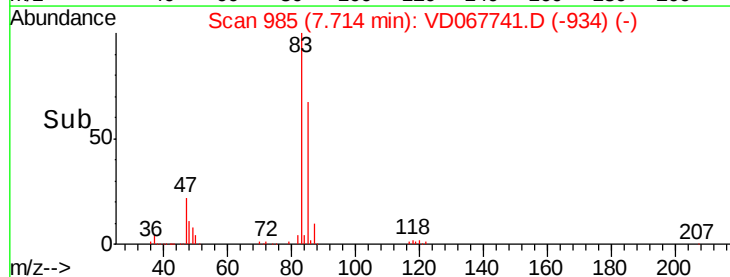
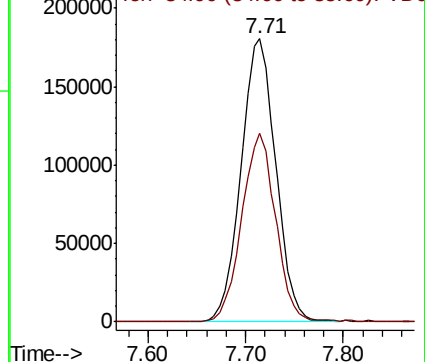
Ion Ratio Lower Upper

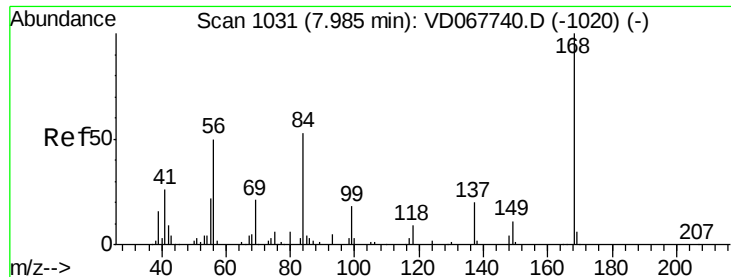
83 100

85 66.6 53.1 79.7



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

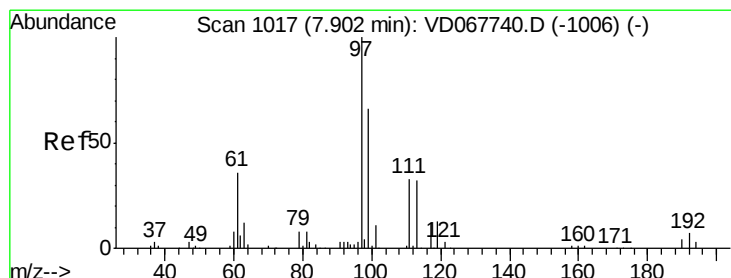
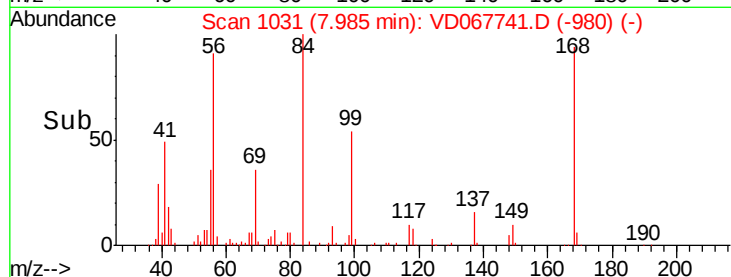
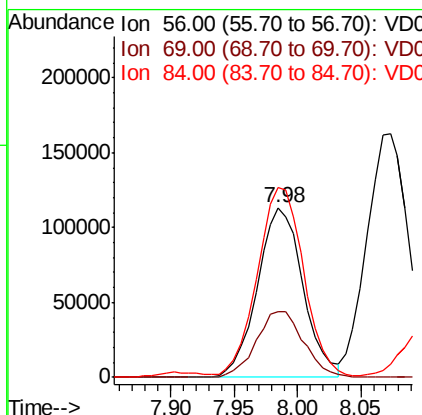
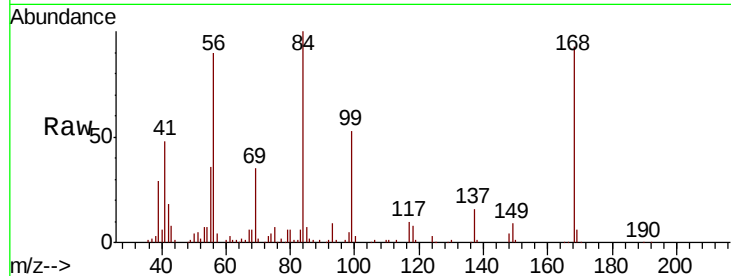




#31
Cyclohexane
Concen: 88.677 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

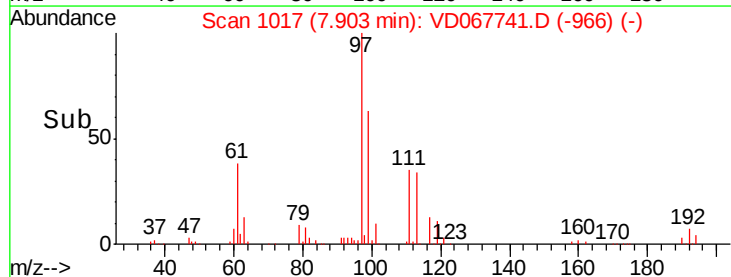
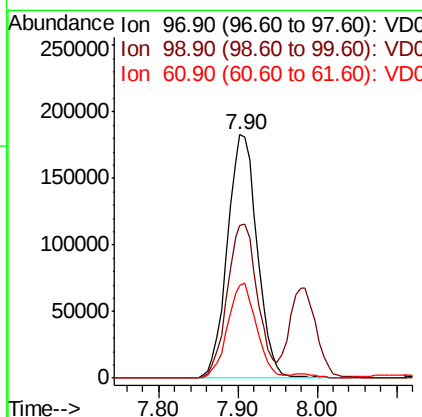
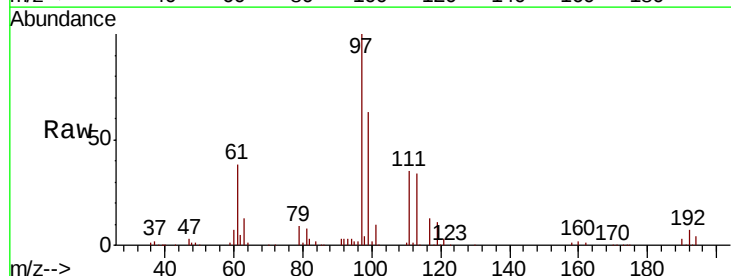
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

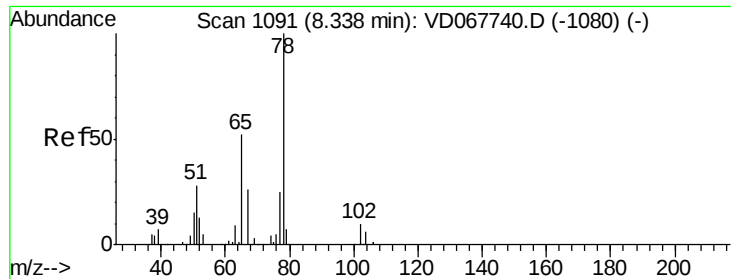
Tot Ion: 56 Resp: 284166
Ion Ratio Lower Upper
56 100
69 39.0 33.2 49.8
84 108.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 92.881 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 97 Resp: 475684
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 37.5 29.4 44.2

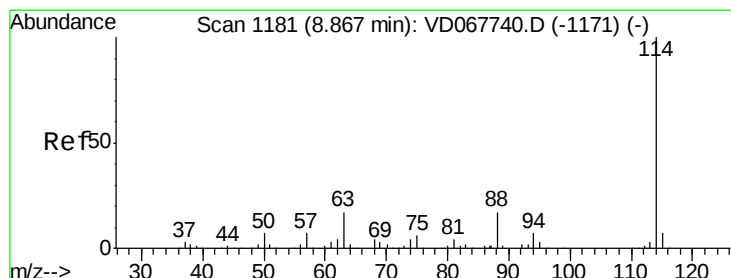
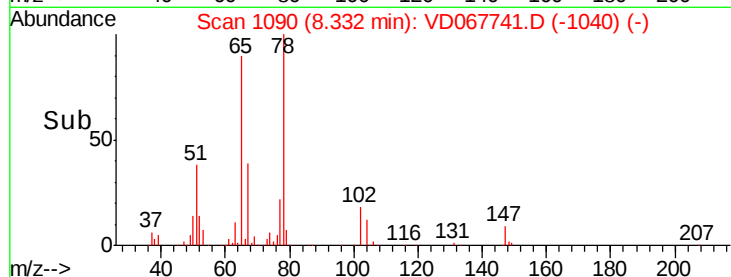
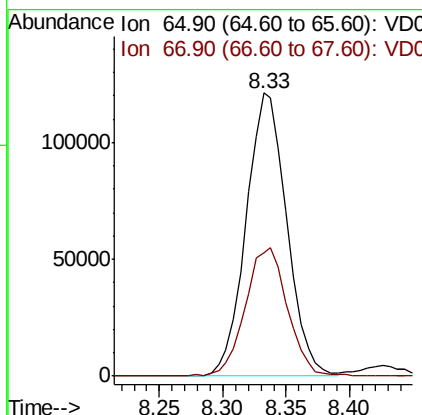
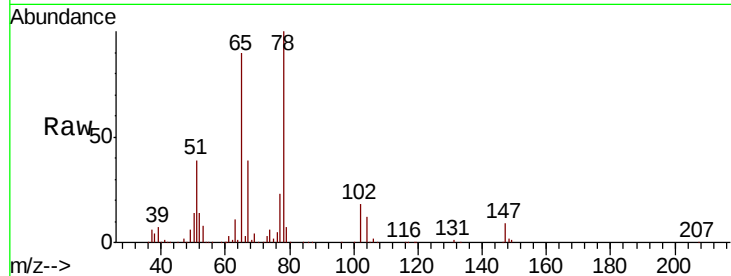




#33
 1,2-Dichloroethane-d4
 Concen: 100.592 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

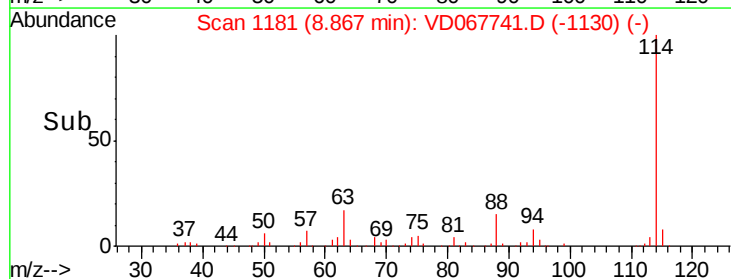
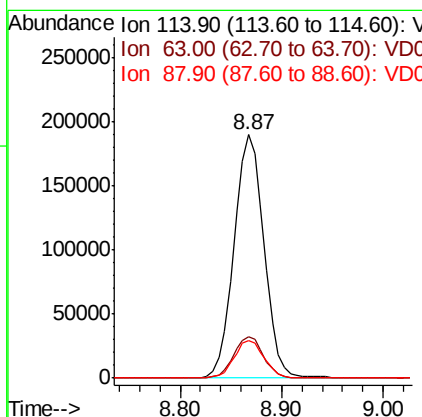
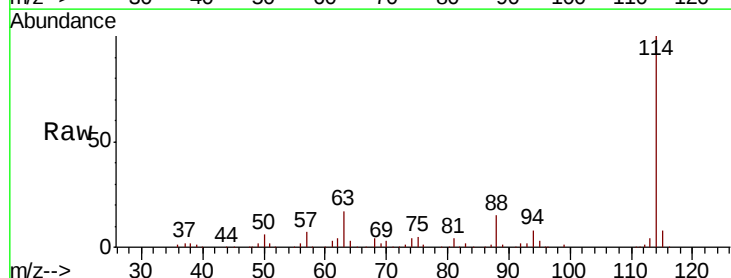
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

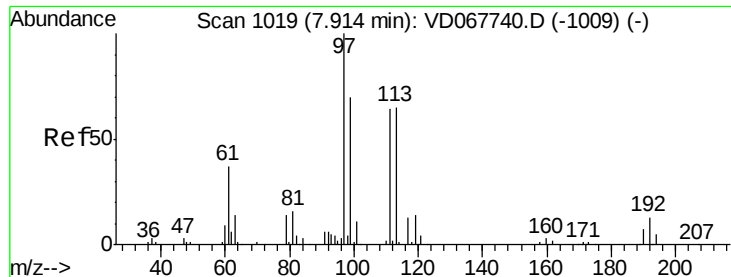
Tot Ion: 65 Resp: 270033
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 114 Resp: 388078
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.8
 88 15.2 0.0 34.4

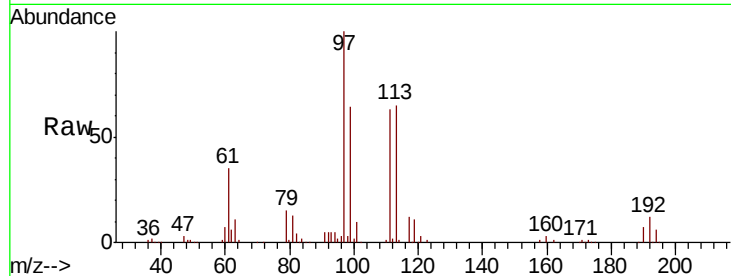




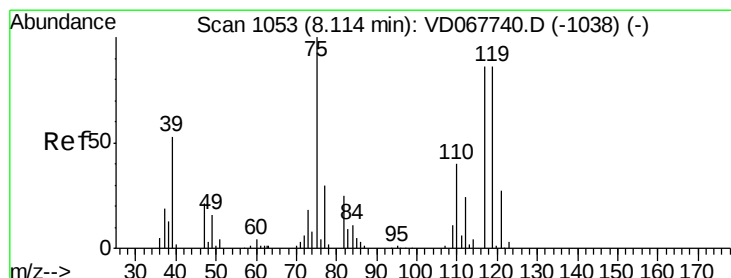
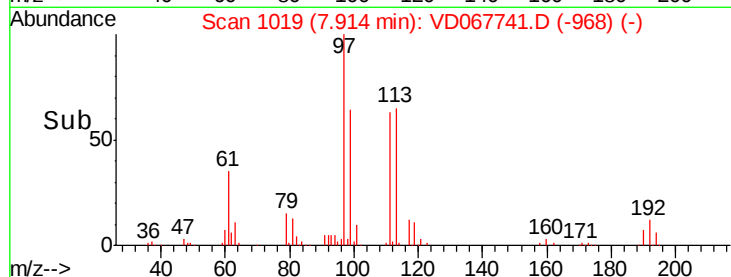
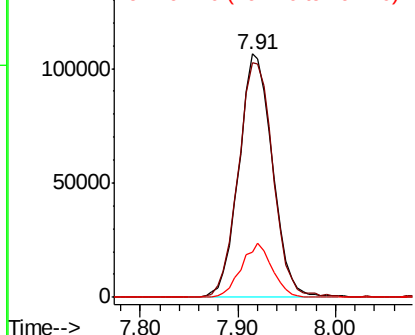
#35
Dibromofluoromethane
Concen: 103.209 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:113 Resp: 256420
Ion Ratio Lower Upper
113 100
111 99.7 81.4 122.0
192 20.5 17.0 25.4

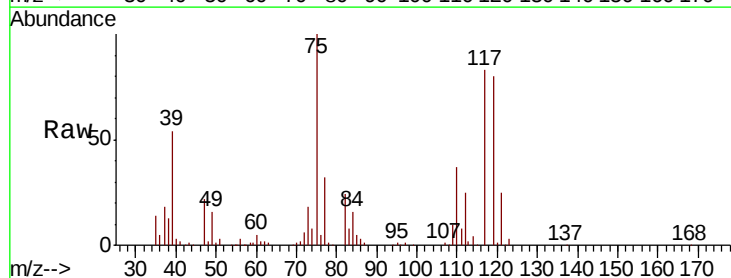


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

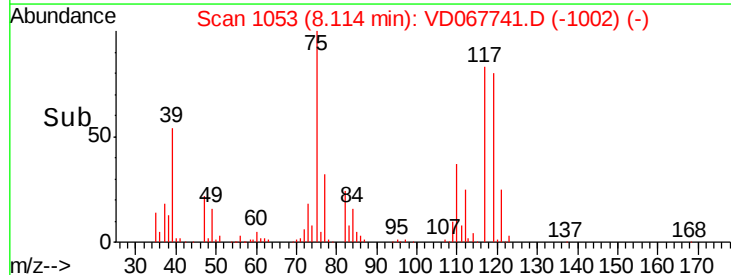
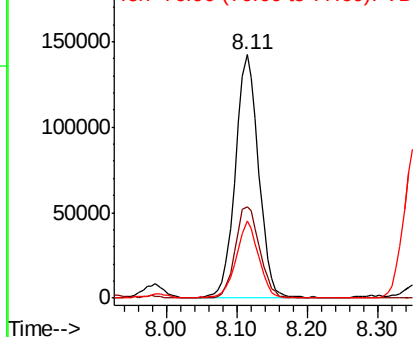


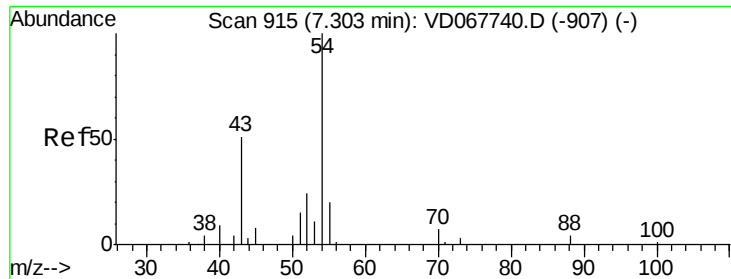
#36
1,1-Dichloropropene
Concen: 97.195 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 75 Resp: 326539
Ion Ratio Lower Upper
75 100
110 39.2 20.1 60.2
77 30.6 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

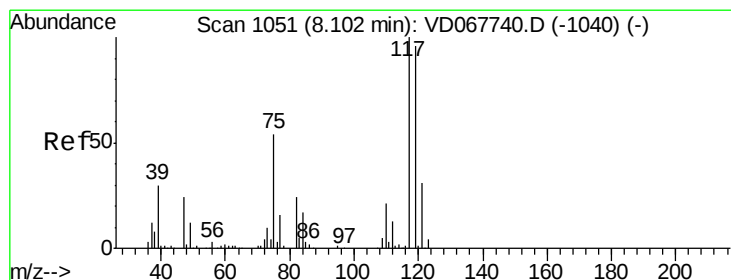
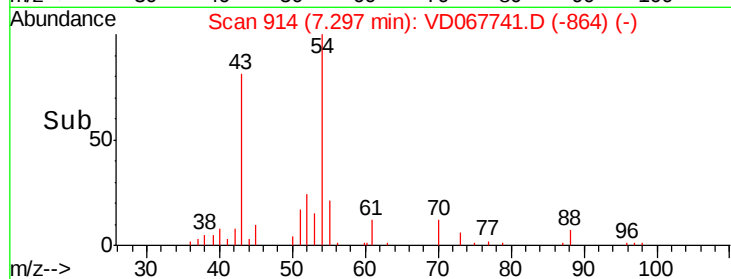
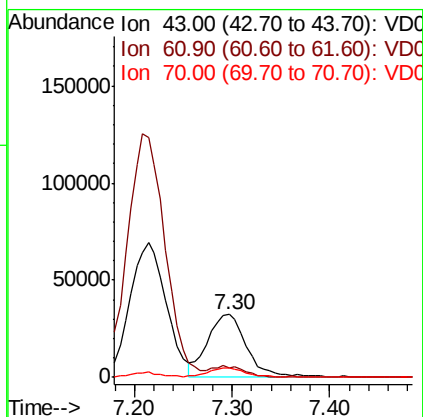
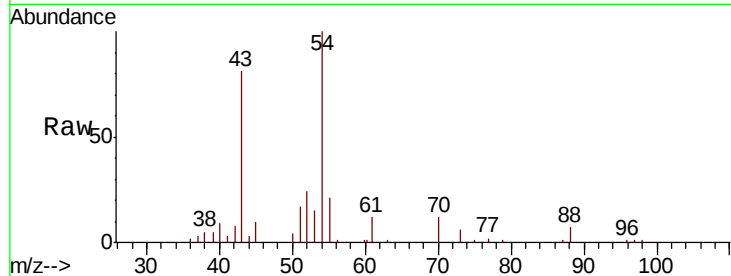




#37
Ethyl Acetate
Concen: 100.086 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

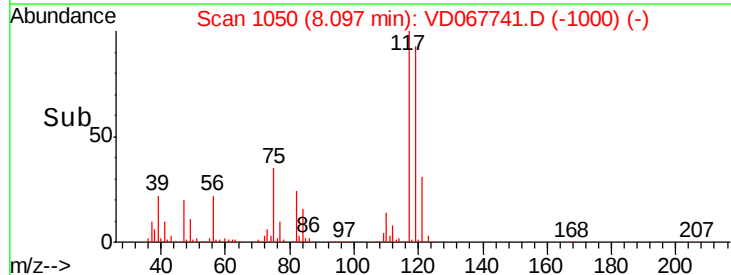
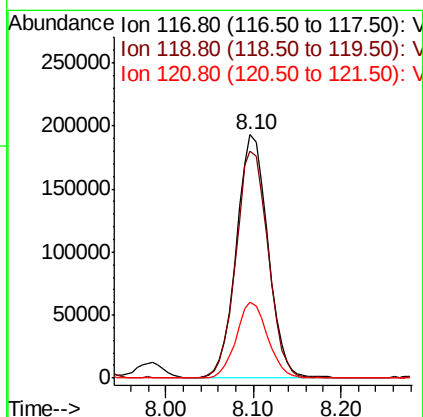
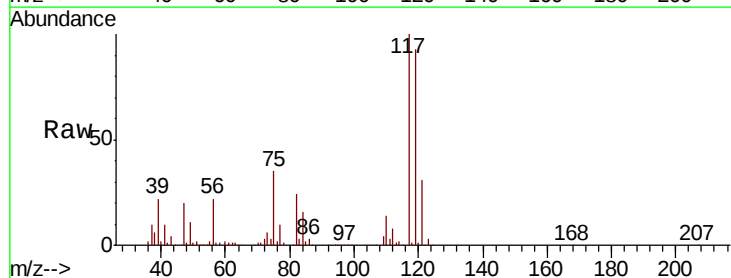
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

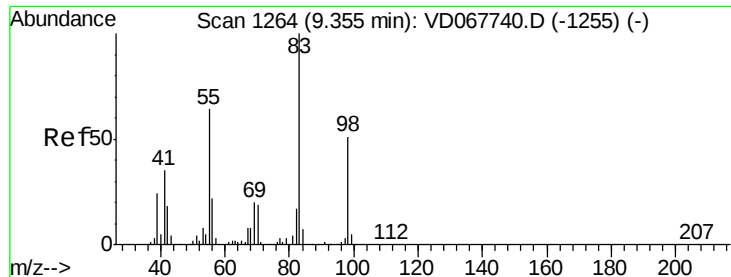
Tot Ion: 43 Resp: 88330
Ion Ratio Lower Upper
43 100
61 13.6 12.9 19.3
70 14.2 12.2 18.2



#38
Carbon Tetrachloride
Concen: 95.228 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 117 Resp: 469434
Ion Ratio Lower Upper
117 100
119 93.5 76.6 115.0
121 31.0 24.5 36.7

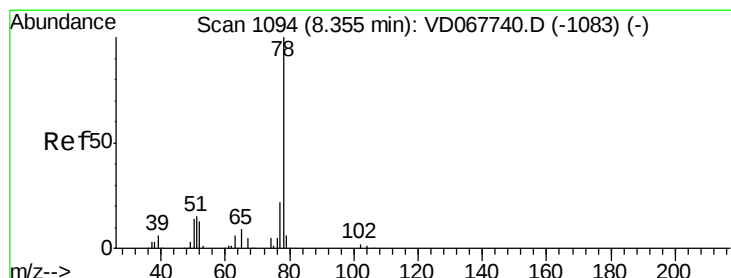
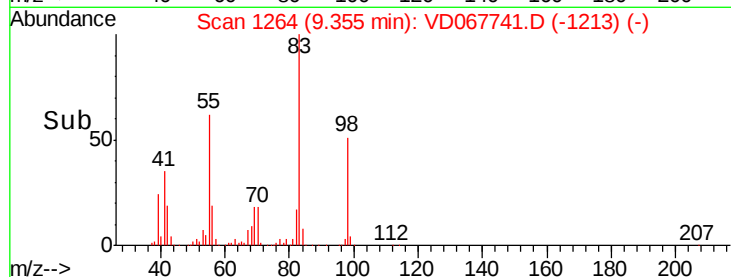
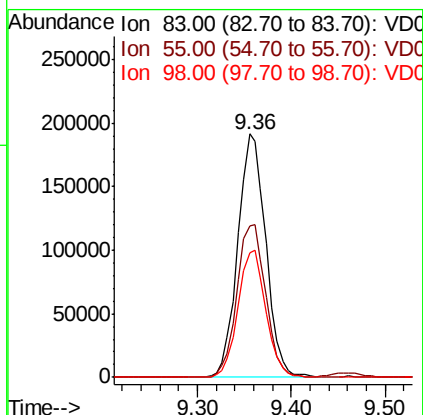
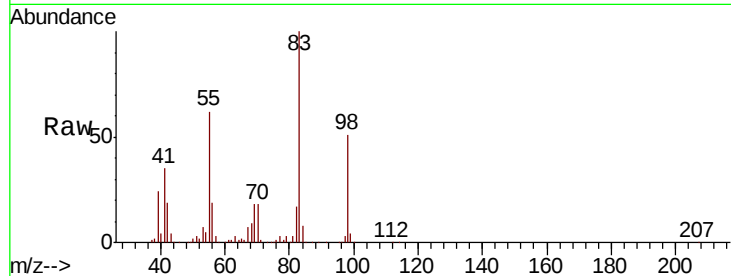




#39
Methvlcvclohexane
Concen: 99.236 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

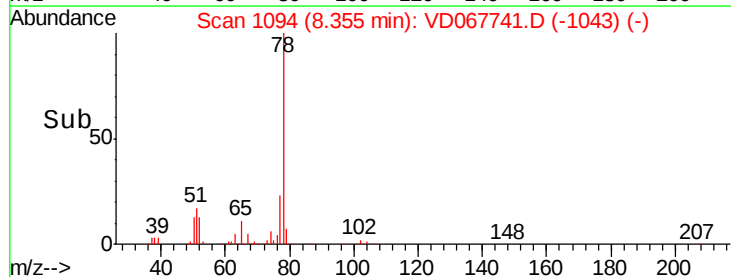
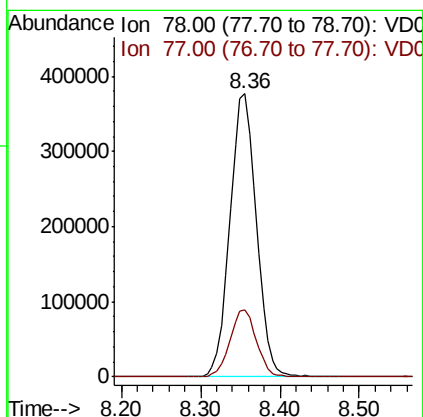
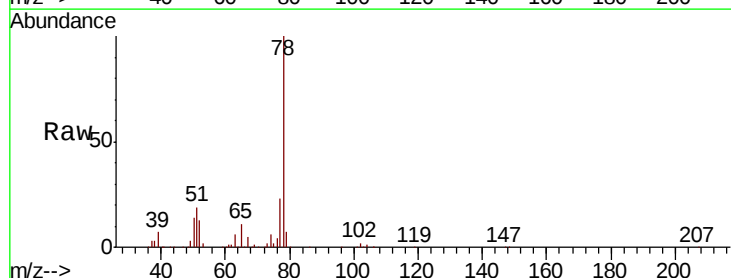
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

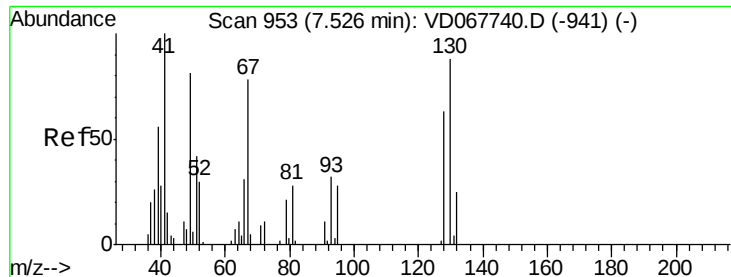
Tot Ion: 83 Resp: 395934
Ion Ratio Lower Upper
83 100
55 62.1 51.0 76.4
98 51.3 40.4 60.6



#40
Benzene
Concen: 93.908 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 78 Resp: 870076
Ion Ratio Lower Upper
78 100
77 23.5 17.8 26.6





#41

Methacrylonitrile

Concen: 300.583 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 123203

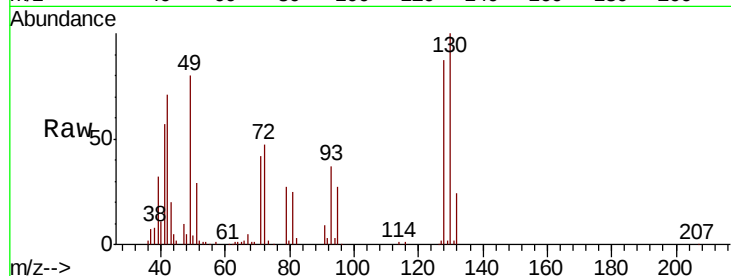
Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.4#

67 0.0 79.0 118.6#

52 0.0 32.4 48.6#

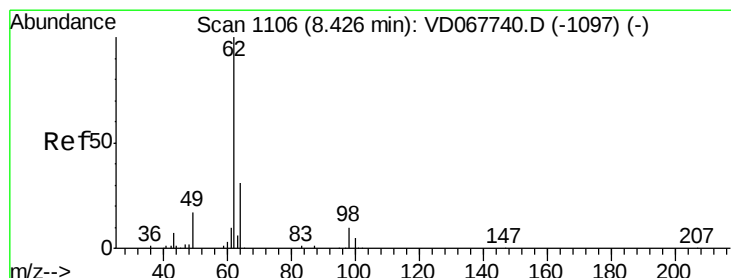
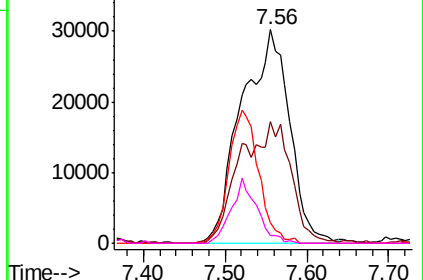
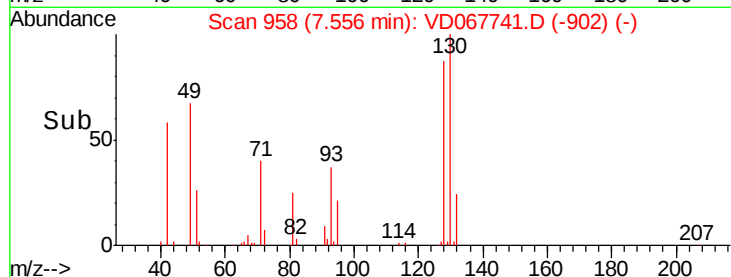


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 95.252 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067741.D

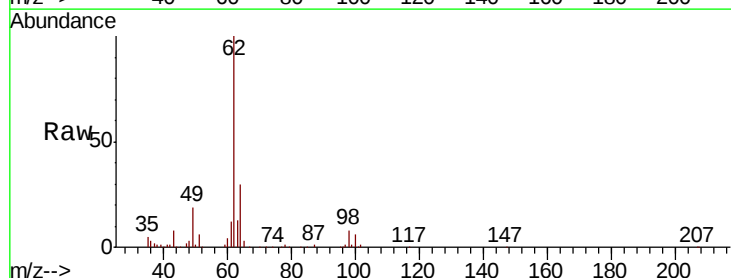
Acq: 23 Nov 2020 12:44

Tgt Ion: 62 Resp: 296491

Ion Ratio Lower Upper

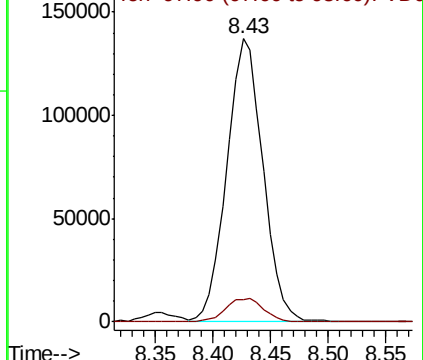
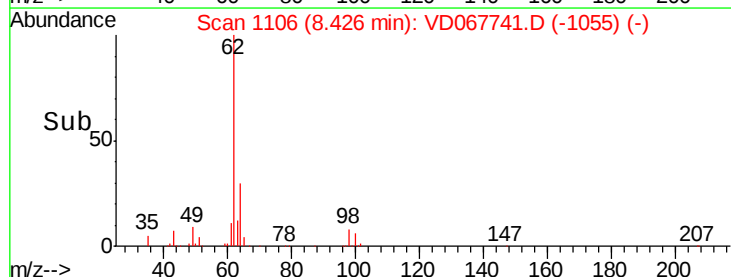
62 100

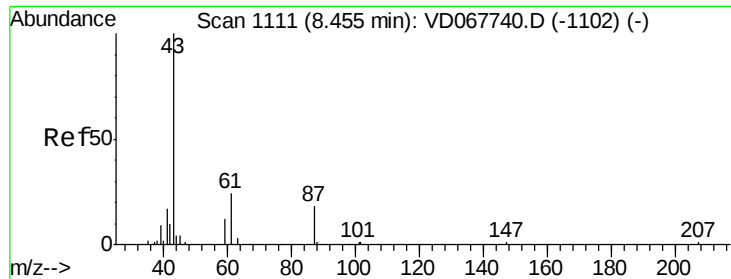
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 99.647 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

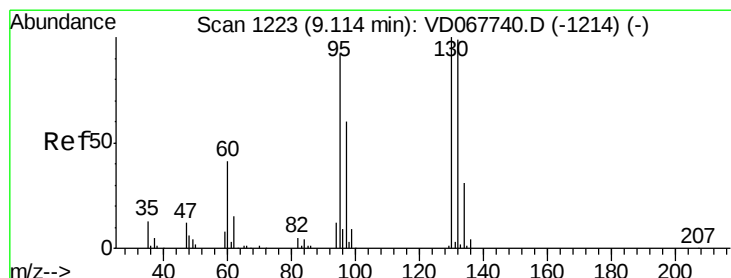
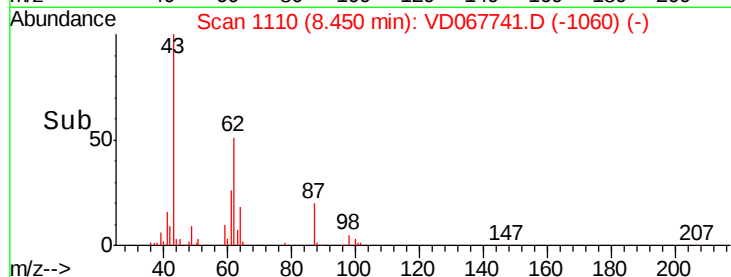
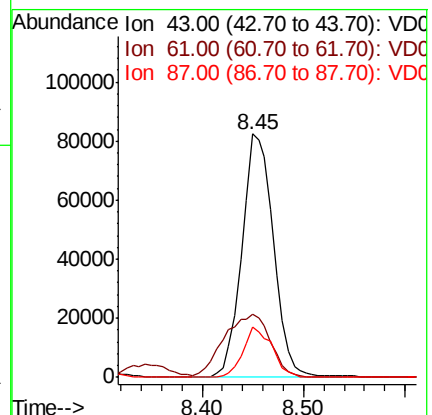
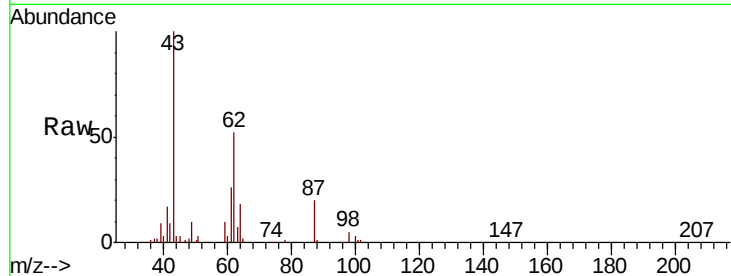
Tot Ion: 43 Resp: 177947

Ion Ratio Lower Upper

43 100

61 37.6 30.2 45.4

87 19.1 14.2 21.4



#44

Trichloroethene

Concen: 95.565 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067741.D

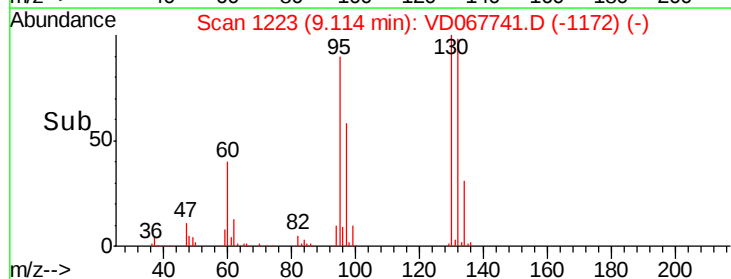
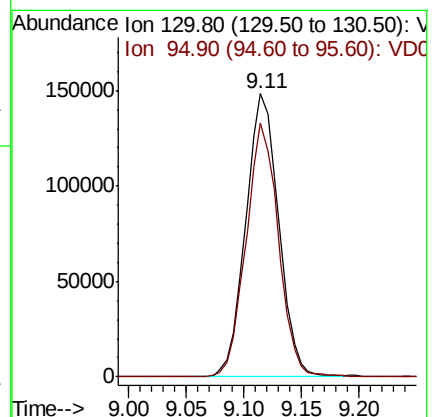
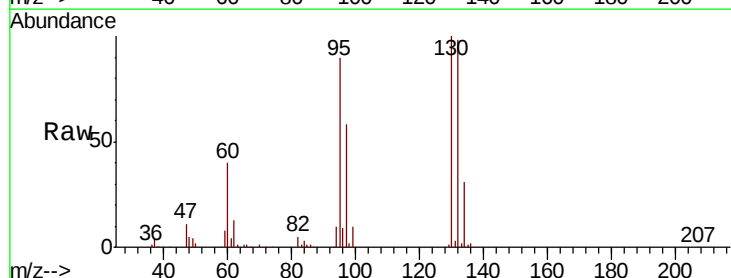
Acq: 23 Nov 2020 12:44

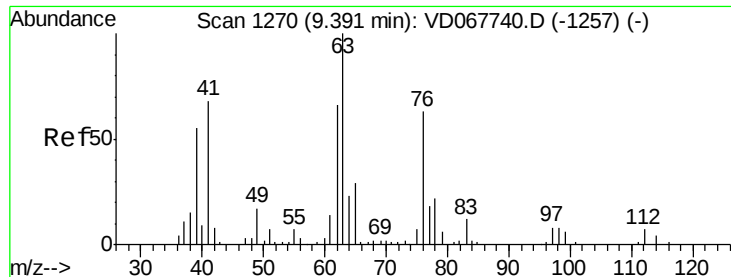
Tgt Ion: 130 Resp: 295207

Ion Ratio Lower Upper

130 100

95 89.7 0.0 184.2





#45

1,2-Dichloropropane

Concen: 95.408 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

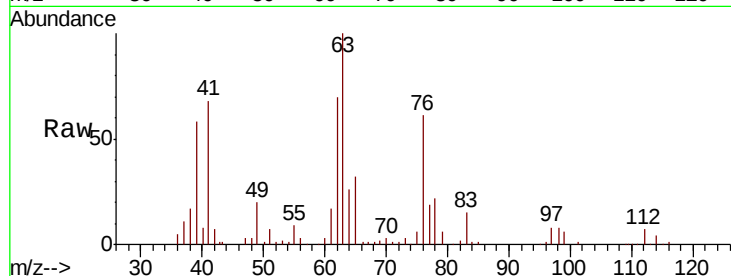
VSTDIC100

Tot Ion: 63 Resp: 179733

Ion Ratio Lower Upper

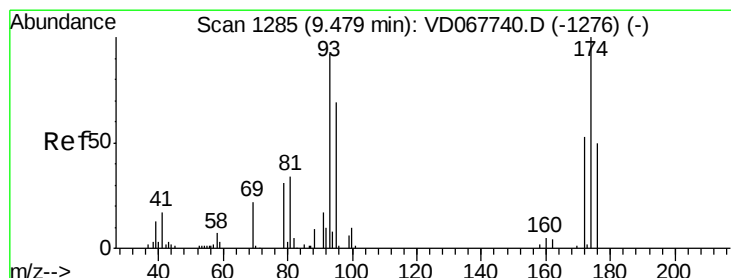
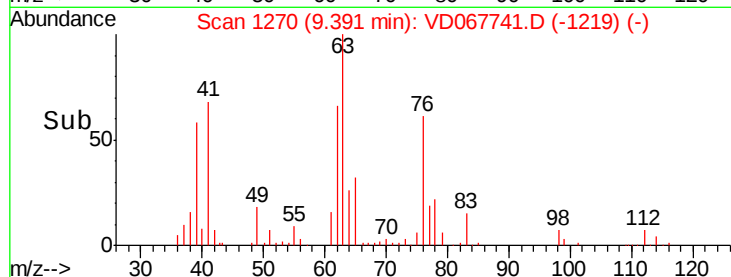
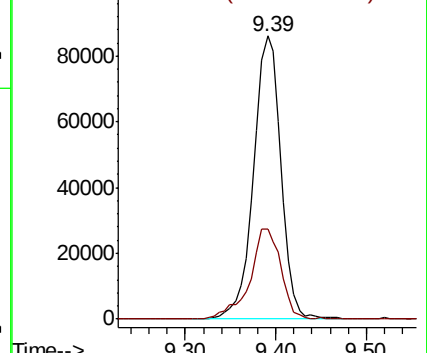
63 100

65 32.0 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: 97.158 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

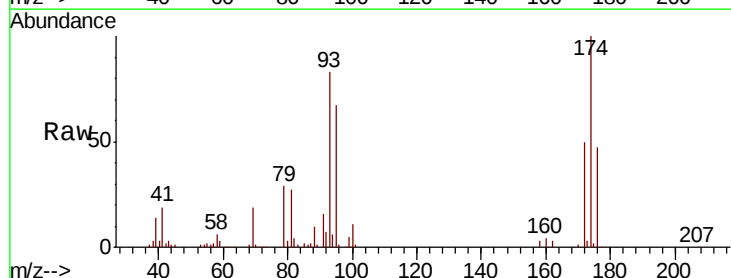
Tgt Ion: 93 Resp: 122926

Ion Ratio Lower Upper

93 100

95 82.7 63.4 95.2

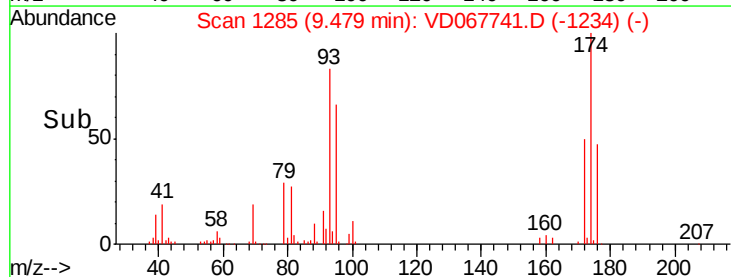
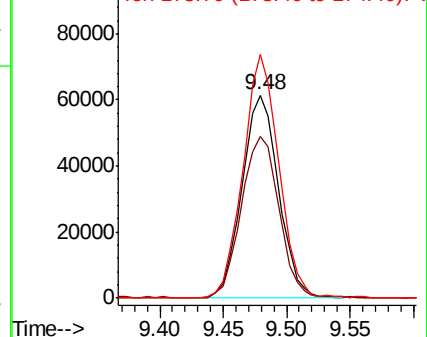
174 117.5 89.6 134.4

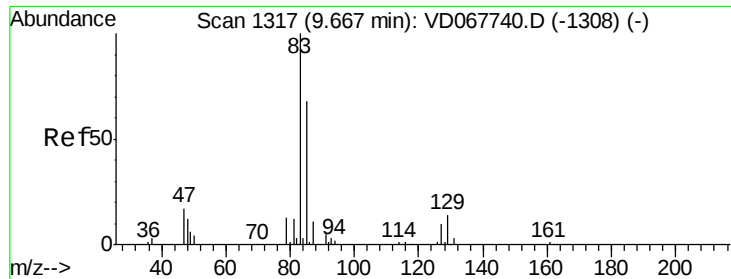


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

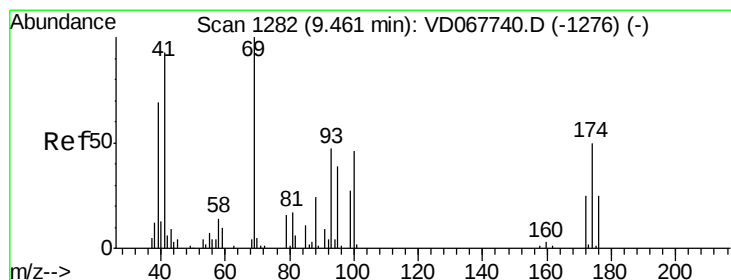
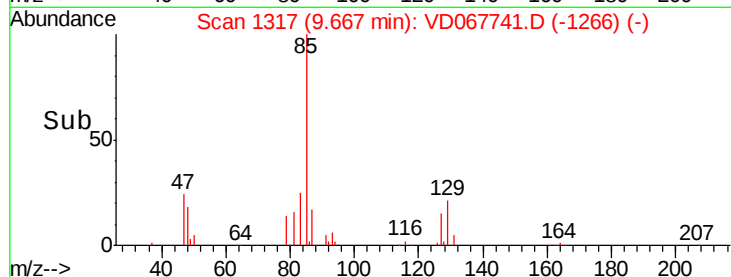
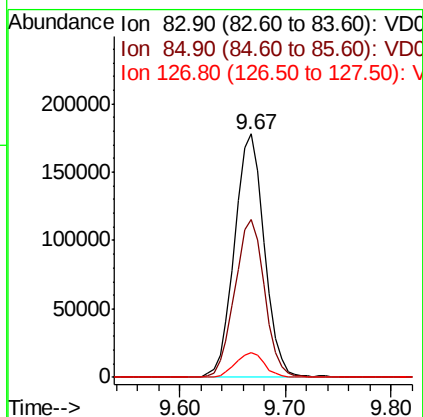
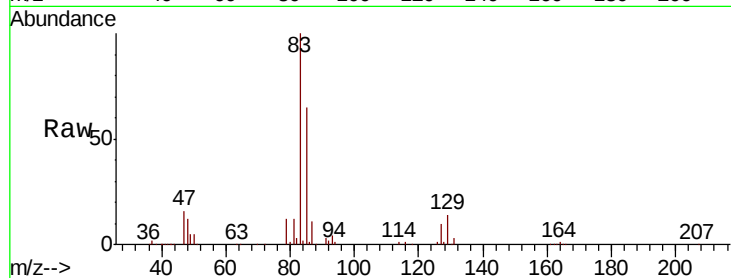




#47
Bromodichloromethane
Concen: 97.223 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

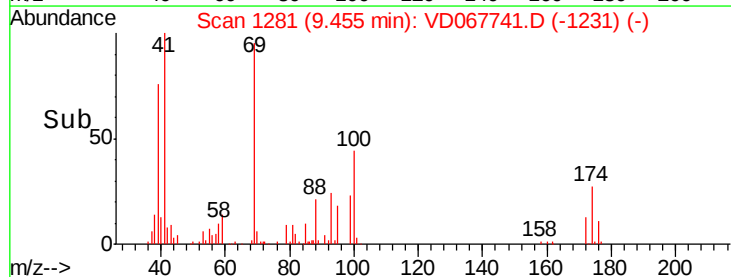
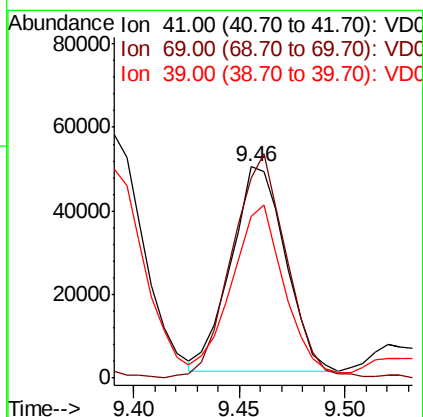
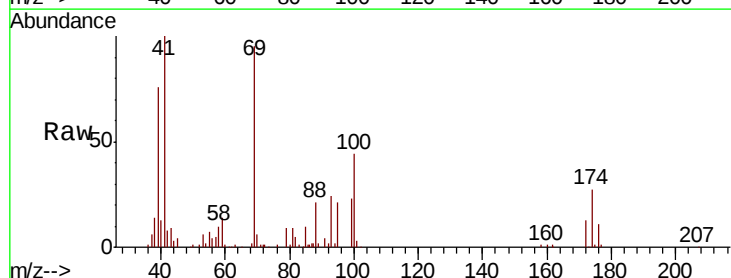
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

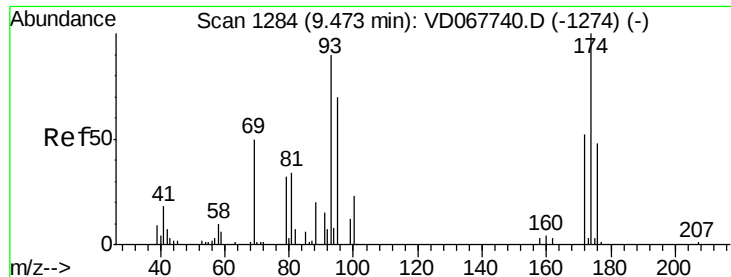
Tot Ion: 83 Resp: 347683
Ion Ratio Lower Upper
83 100
85 64.8 54.2 81.2
127 9.9 7.6 11.4



#48
Methyl methacrylate
Concen: 98.999 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 41 Resp: 87575
Ion Ratio Lower Upper
41 100
69 109.0 87.8 131.6
39 77.9 60.5 90.7





#49

1,4-Dioxane

Concen: 1965.795 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

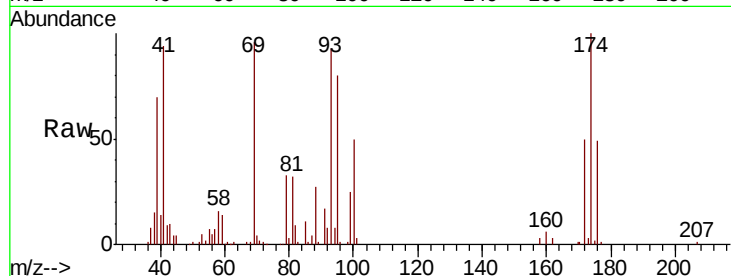
Tot Ion: 88 Resp: 26976

Ion Ratio Lower Upper

88 100

43 30.6 25.2 37.8

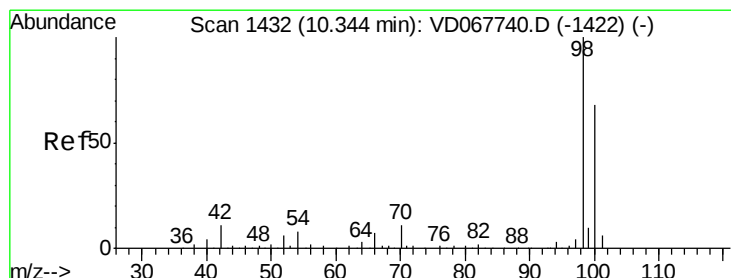
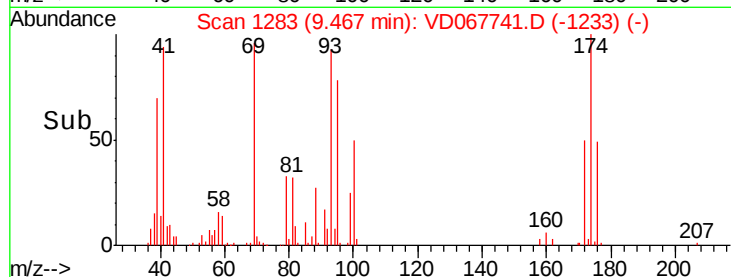
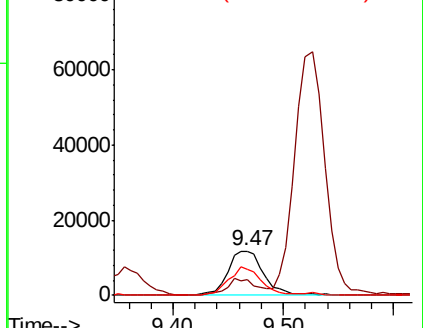
58 57.6 48.2 72.2



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: 99.413 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067741.D

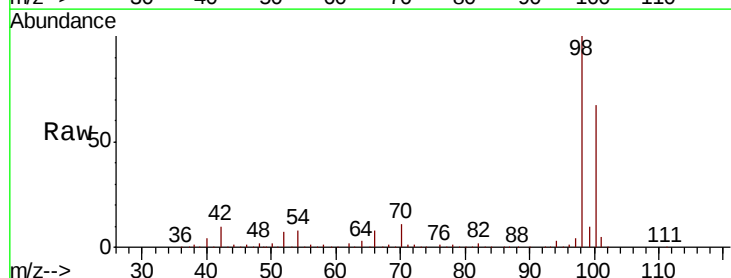
Acq: 23 Nov 2020 12:44

Tgt Ion: 98 Resp: 896436

Ion Ratio Lower Upper

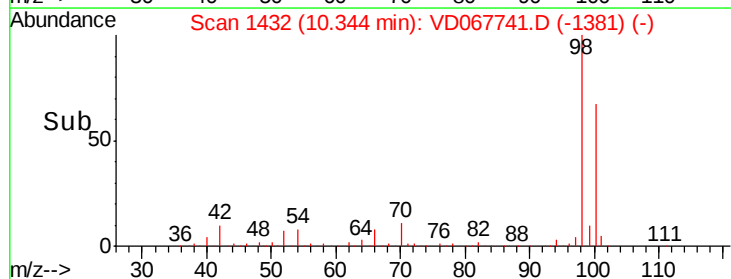
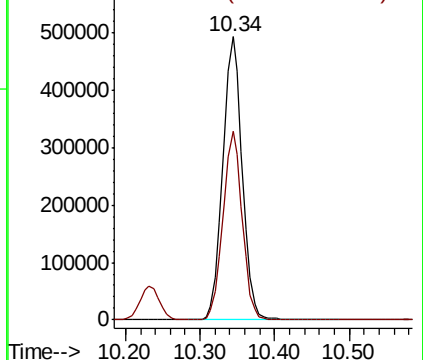
98 100

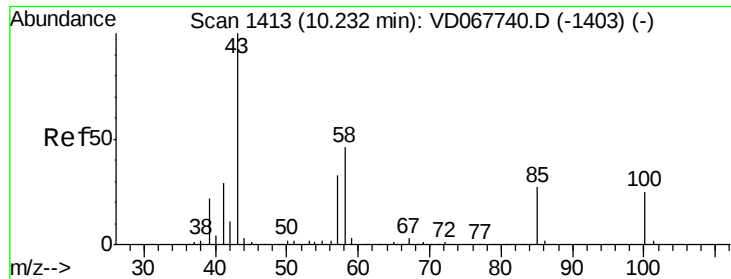
100 65.7 53.1 79.7



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: 499.059 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

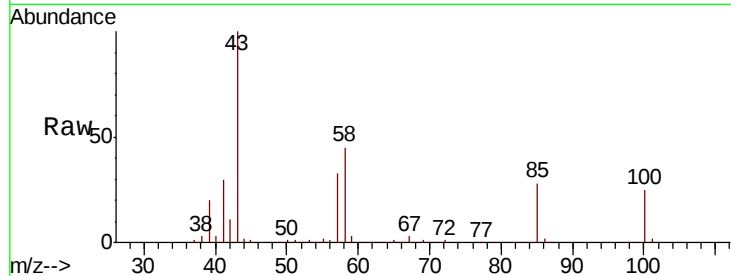
VSTDIC100

Tot Ion: 43 Resp: 415829

Ion Ratio Lower Upper

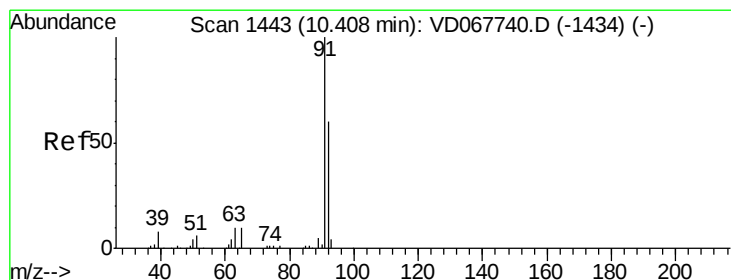
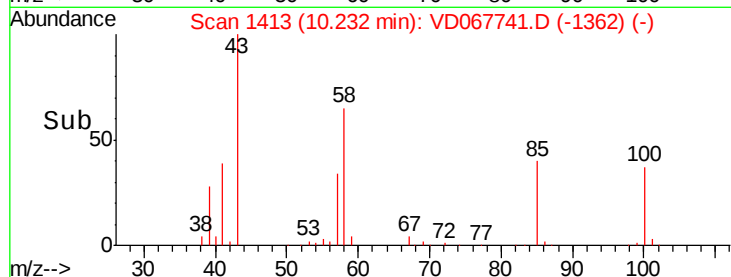
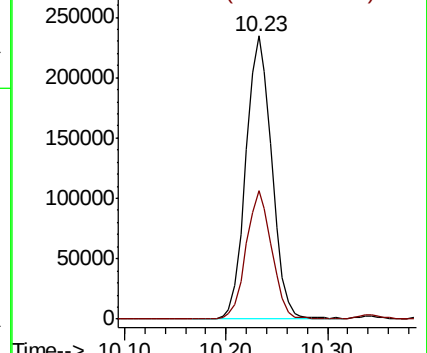
43 100

58 44.8 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 95.662 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067741.D

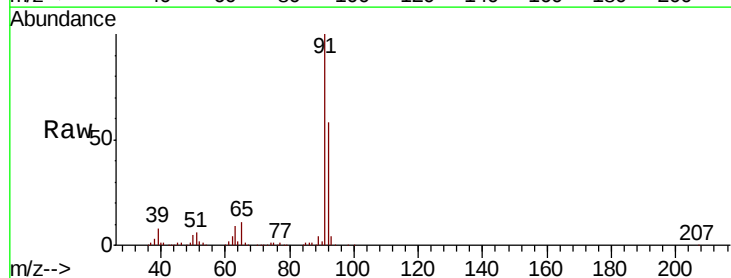
Acq: 23 Nov 2020 12:44

Tgt Ion: 92 Resp: 597893

Ion Ratio Lower Upper

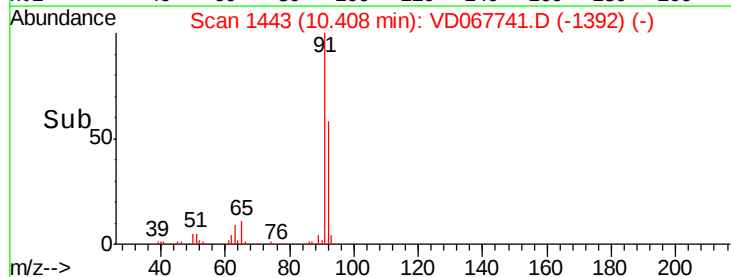
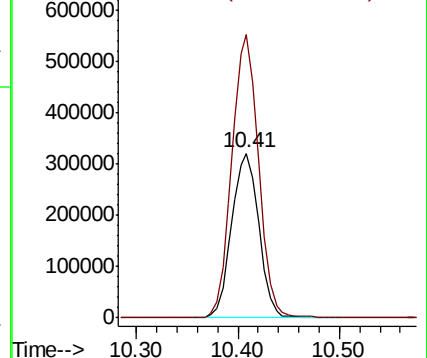
92 100

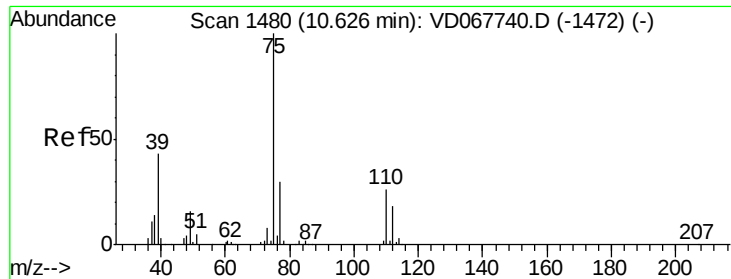
91 168.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 98.849 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

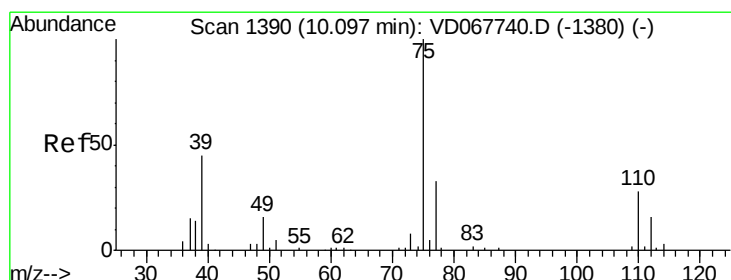
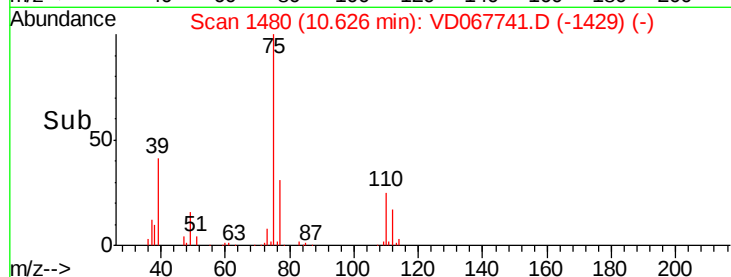
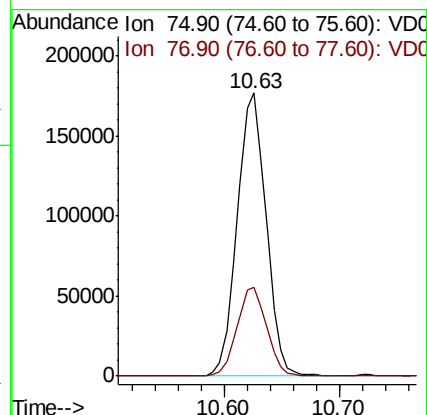
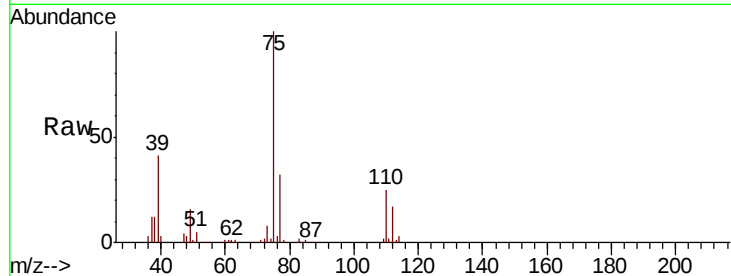
VSTDIC100

Tot Ion: 75 Resp: 307887

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 96.318 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

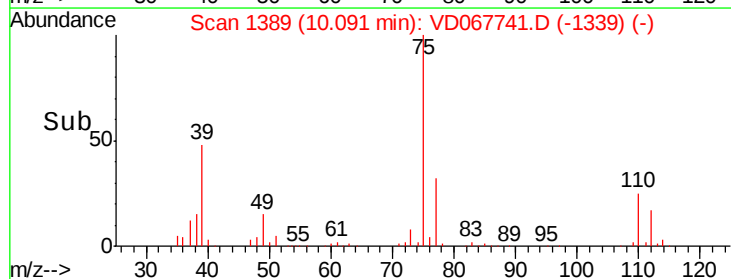
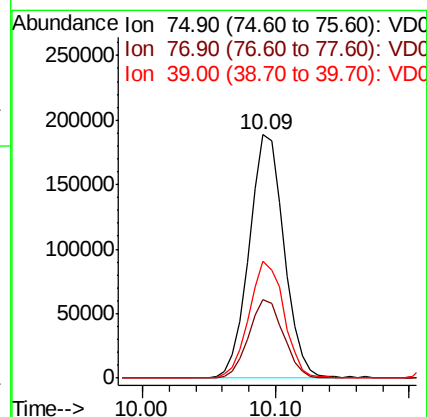
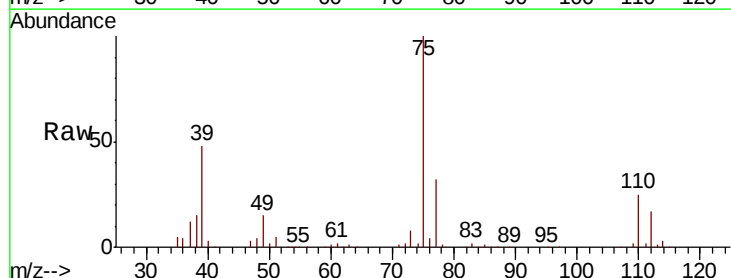
Tgt Ion: 75 Resp: 339638

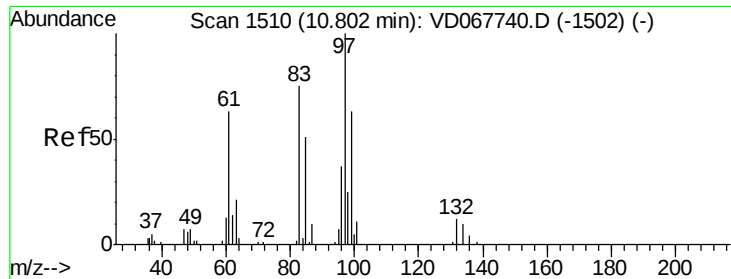
Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

39 47.7 35.8 53.6

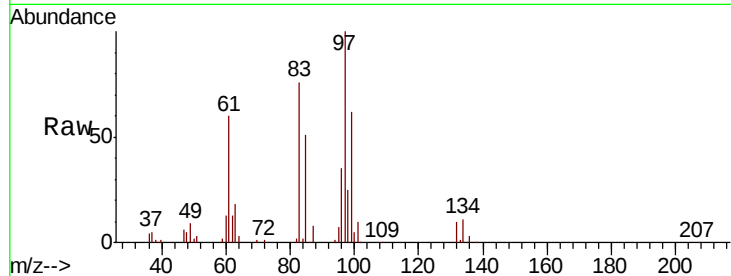




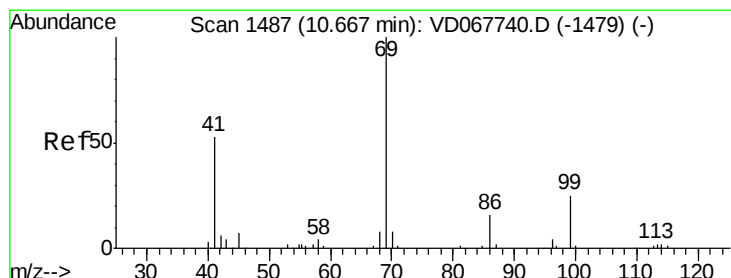
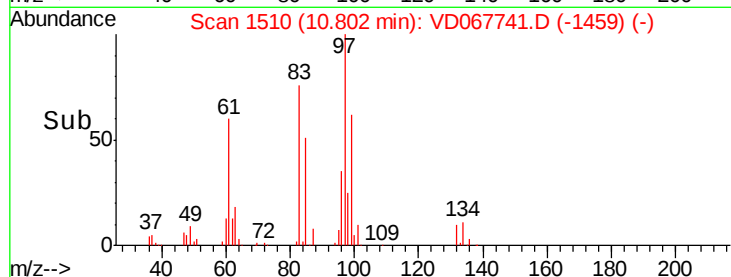
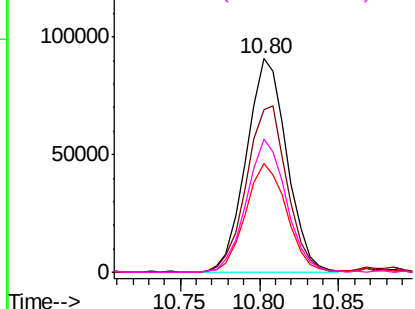
#55
 1,1,2-Trichloroethane
 Concen: 94.250 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tot Ion: 97 Resp: 161890
 Ion Ratio Lower Upper
 97 100
 83 76.4 60.2 90.4
 85 51.0 40.5 60.7
 99 62.2 50.6 76.0

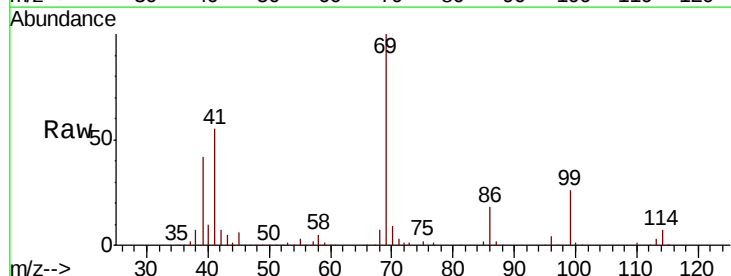


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

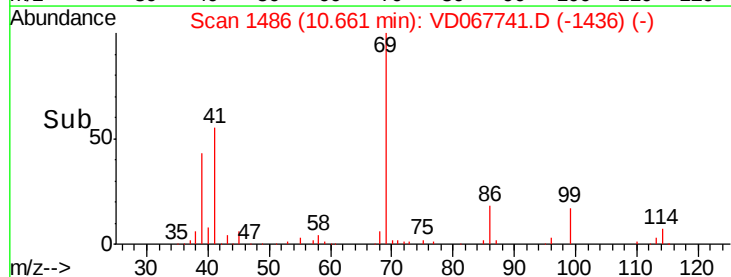
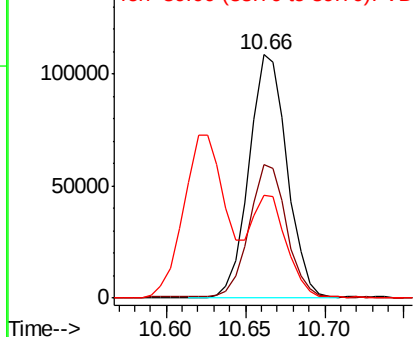


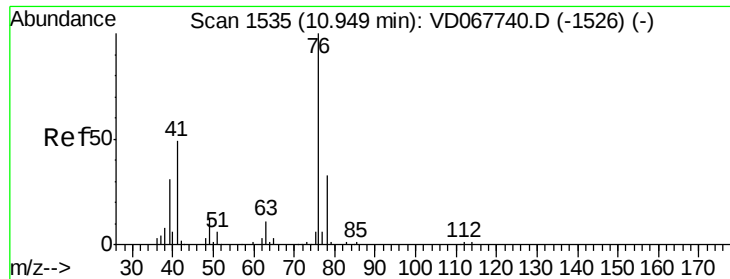
#56
 Ethyl methacrylate
 Concen: 102.097 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 69 Resp: 181244
 Ion Ratio Lower Upper
 69 100
 41 54.3 43.4 65.0
 39 37.6 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

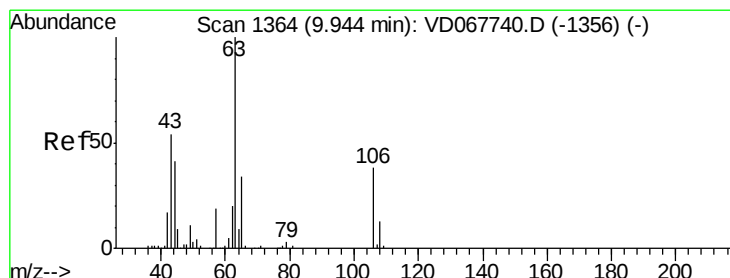
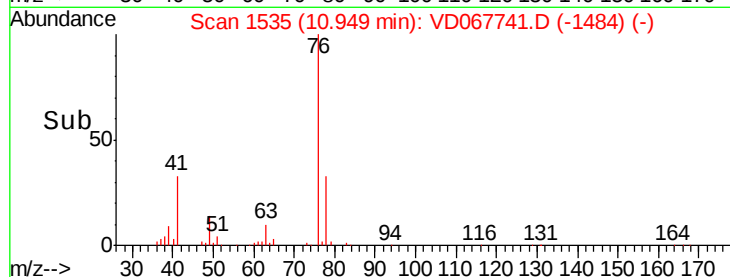
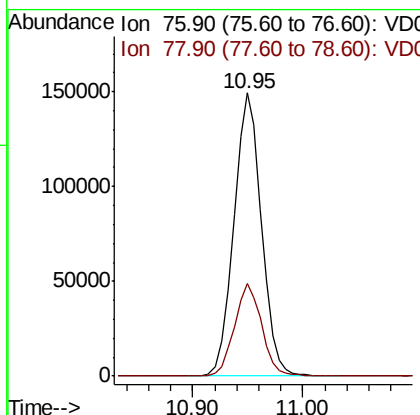
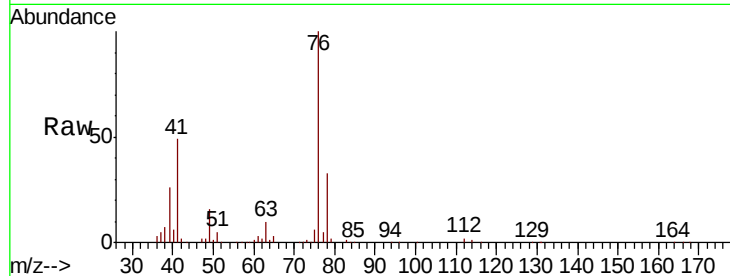




#57
 1,3-Dichloropropane
 Concen: 97.072 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

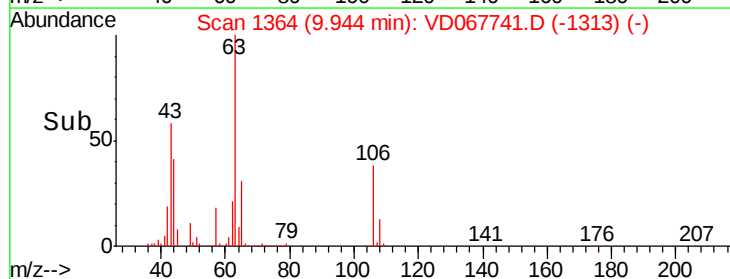
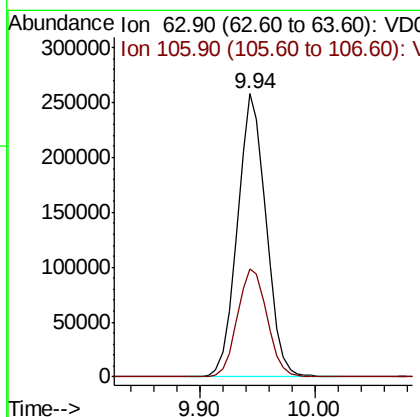
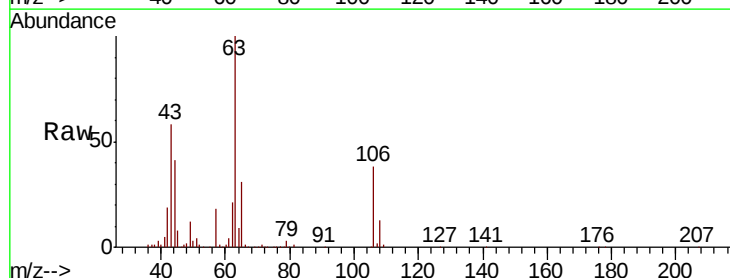
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

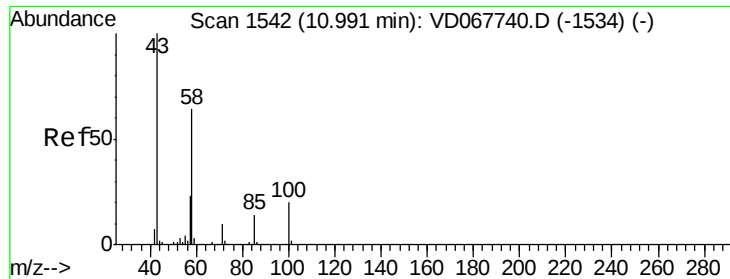
Tot Ion: 76 Resp: 261159
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 534.838 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 63 Resp: 443401
 Ion Ratio Lower Upper
 63 100
 106 39.6 31.0 46.6

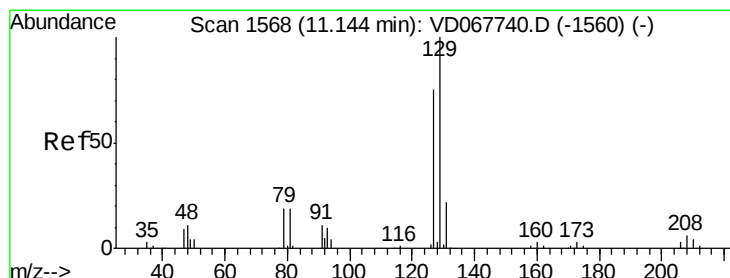
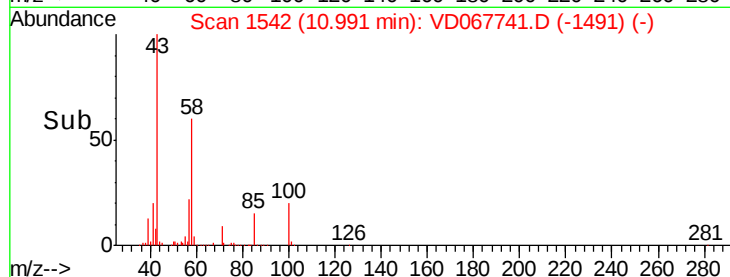
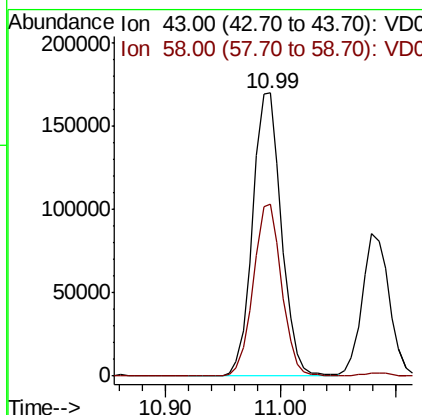
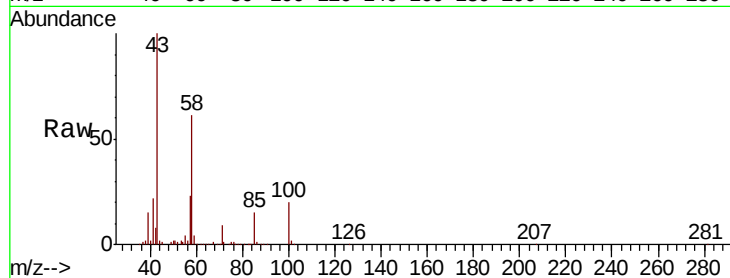




#59
2-Hexanone
Concen: 499.480 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

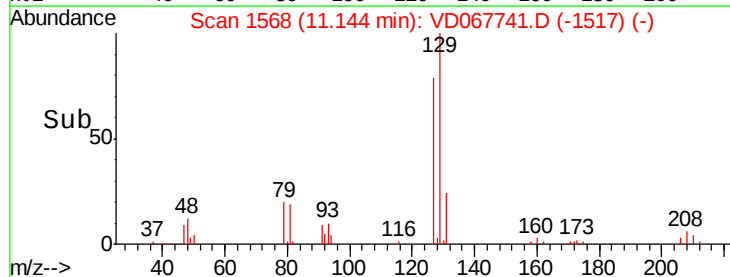
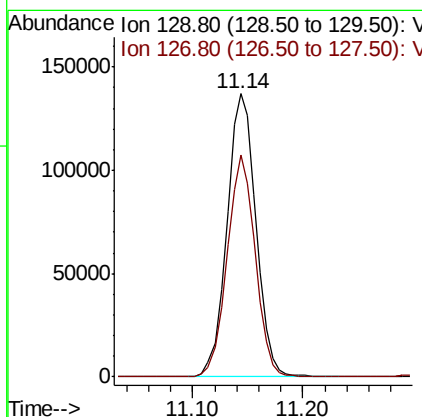
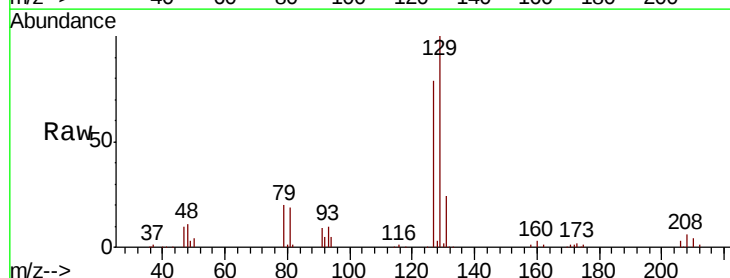
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

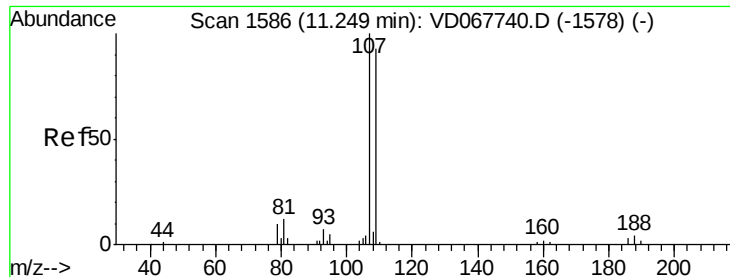
Tot Ion: 43 Resp: 297008
Ion Ratio Lower Upper
43 100
58 59.5 30.5 91.5



#60
Dibromochloromethane
Concen: 95.960 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 129 Resp: 251252
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

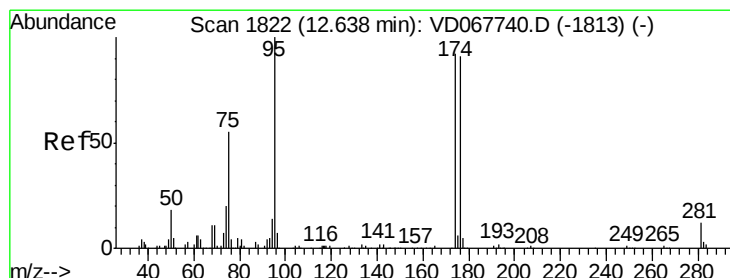
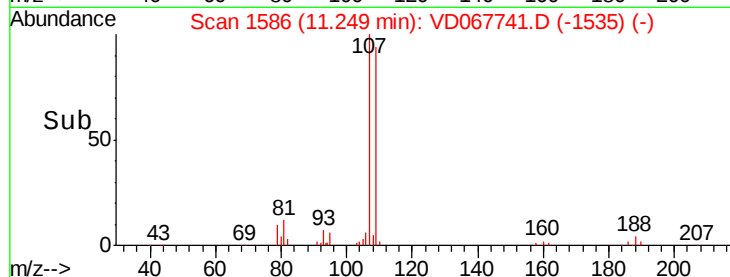
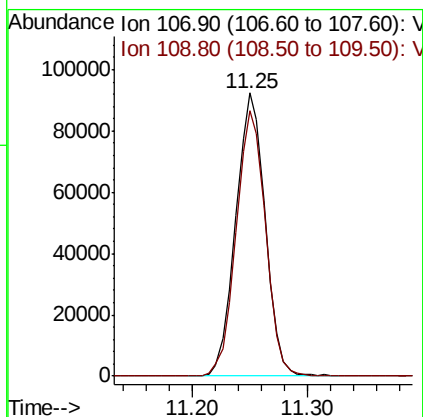
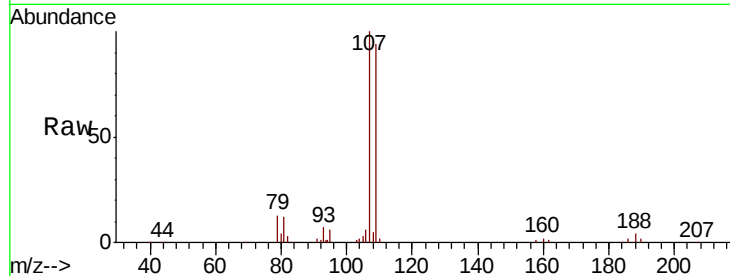




#61
 1,2-Dibromoethane
 Concen: 95.761 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

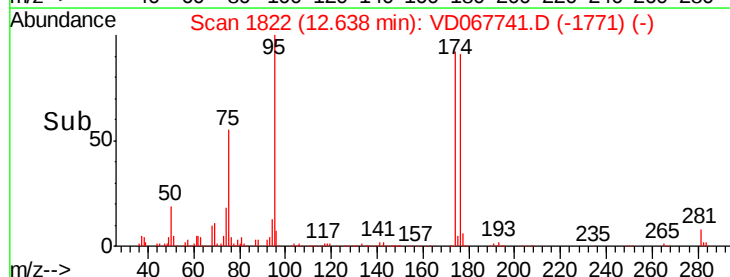
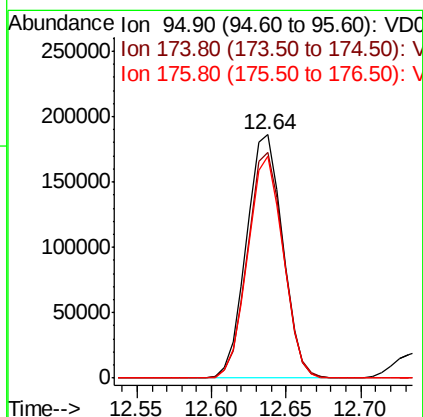
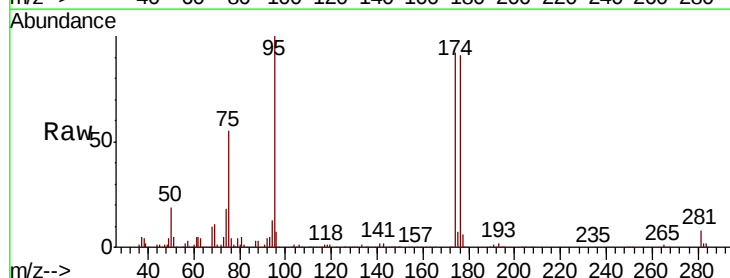
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

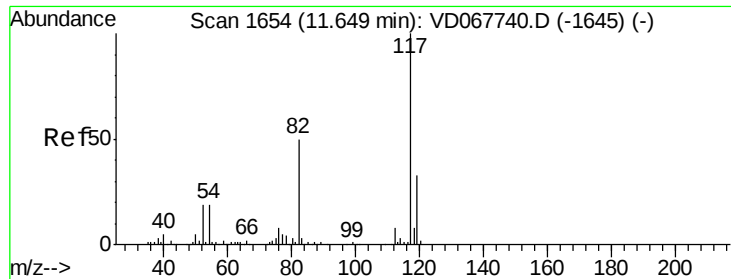
Tot Ion:107 Resp: 162640
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 100.784 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 95 Resp: 312220
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 182.4
 176 89.0 0.0 178.2

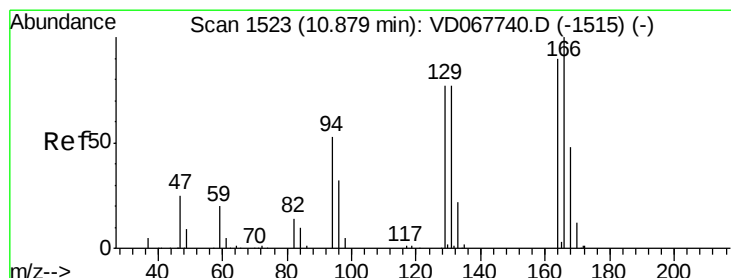
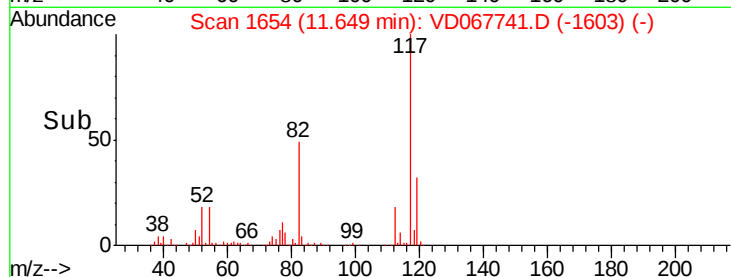
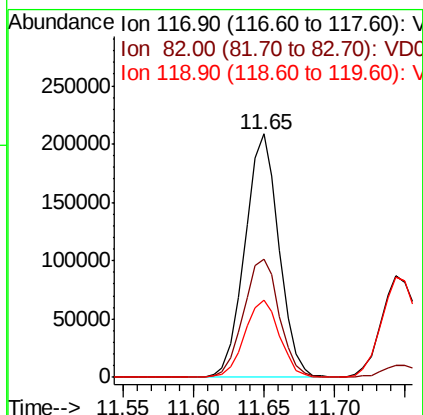
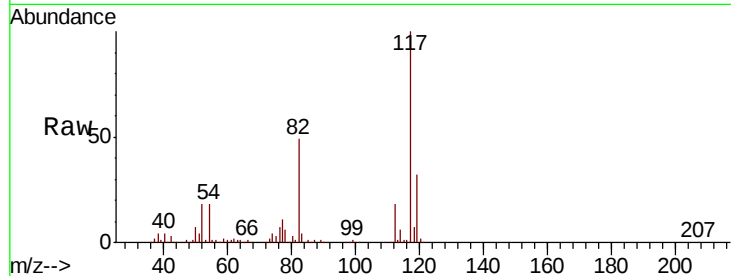




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

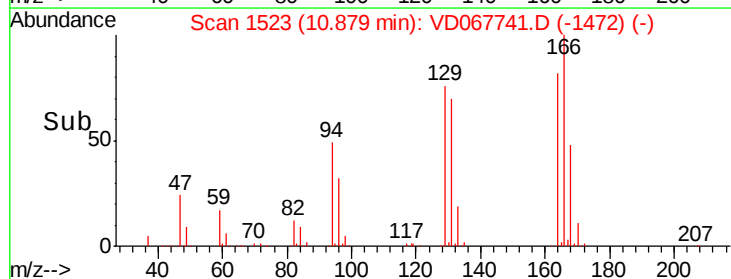
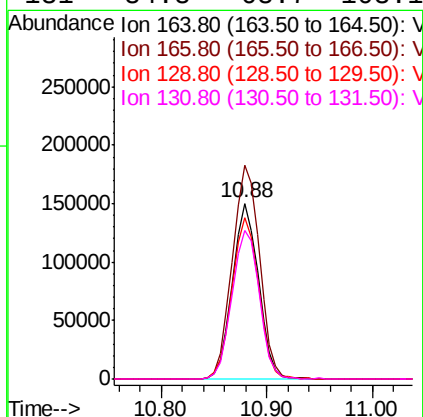
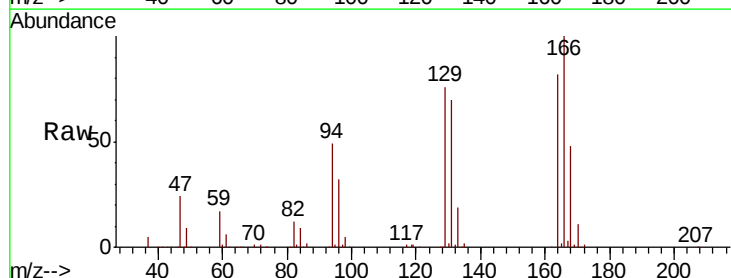
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

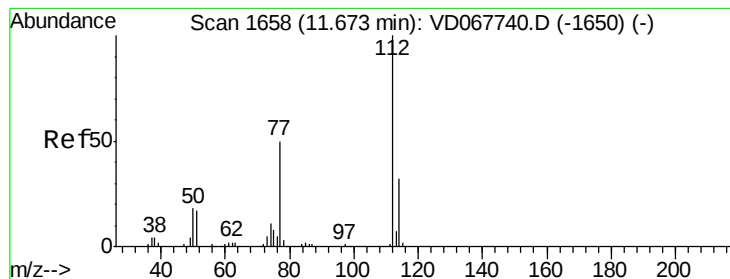
Tot Ion:117 Resp: 353042
Ion Ratio Lower Upper
117 100
82 48.6 40.2 60.4
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 92.282 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion:164 Resp: 256166
Ion Ratio Lower Upper
164 100
166 121.7 89.2 133.8
129 92.1 68.4 102.6
131 84.8 68.7 103.1





#65

Chlorobenzene

Concen: 94.279 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

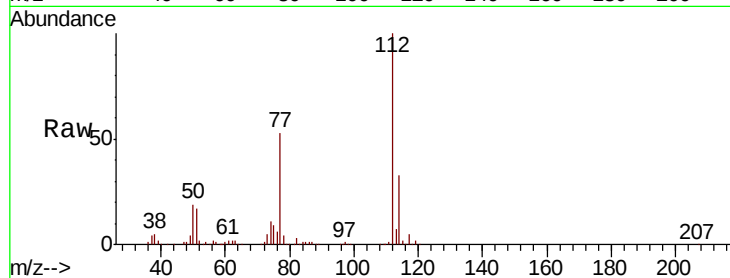
VSTDIC100

Tot Ion:112 Resp: 659275

Ion Ratio Lower Upper

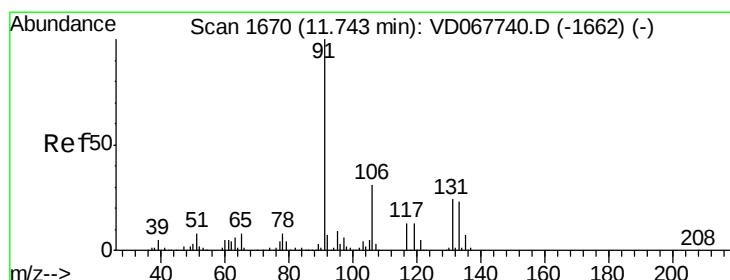
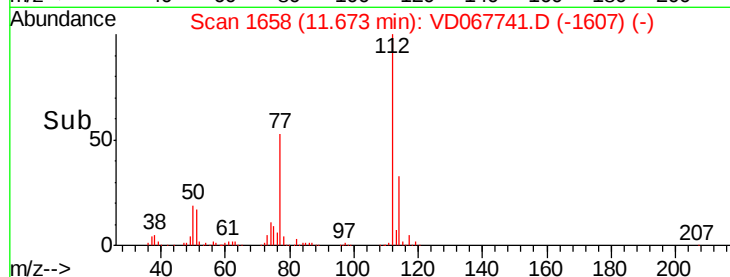
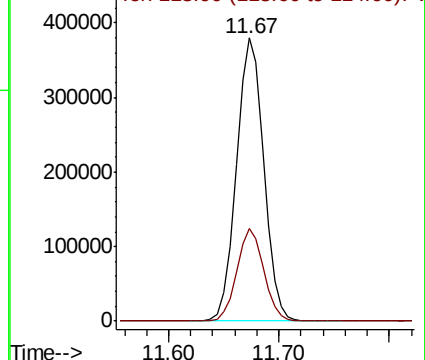
112 100

114 32.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 97.363 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

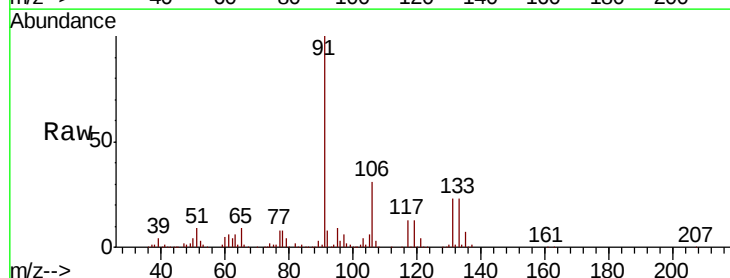
Tgt Ion:131 Resp: 272760

Ion Ratio Lower Upper

131 100

133 94.4 49.0 147.0

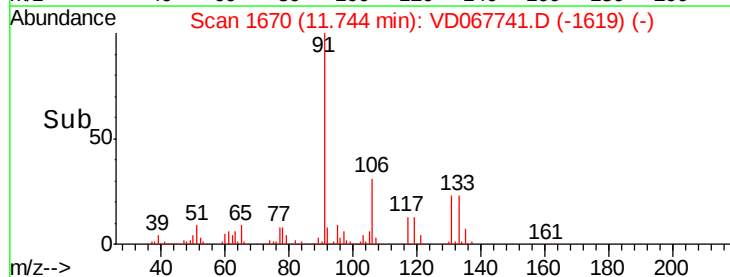
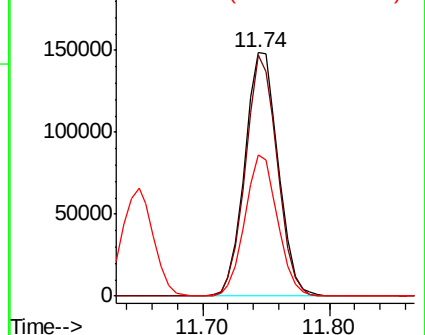
119 56.7 28.8 86.5

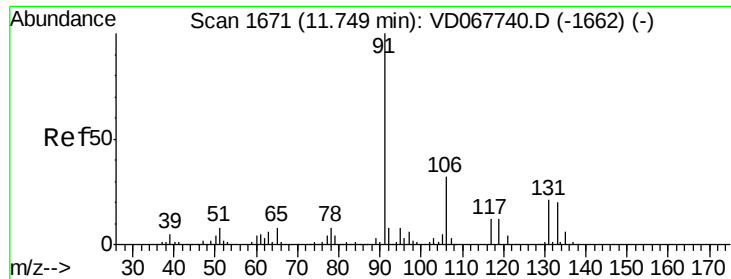


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

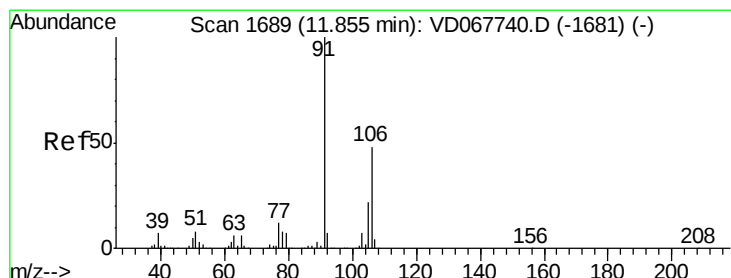
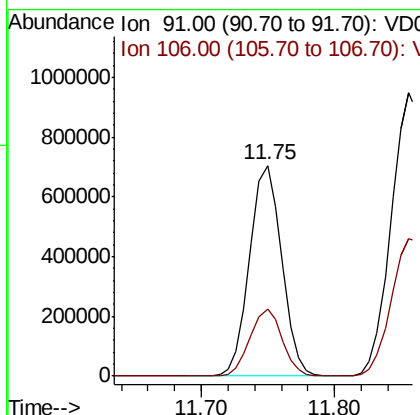
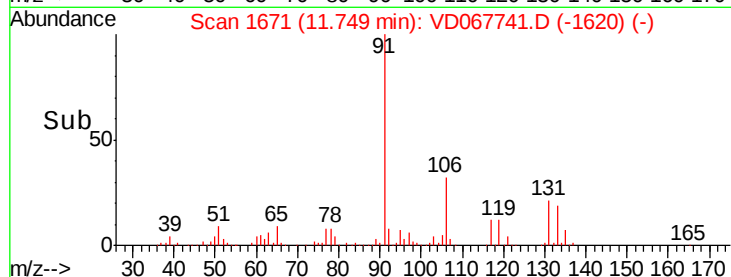
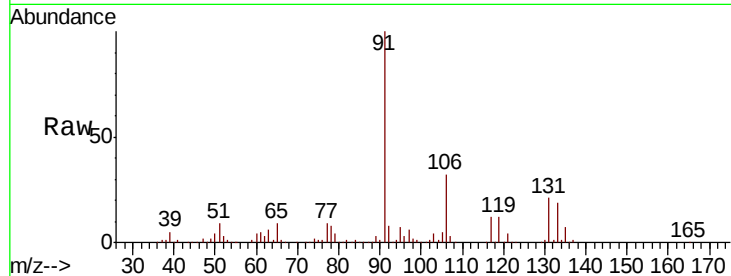




#67
Ethyl Benzene
Concen: 97.504 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

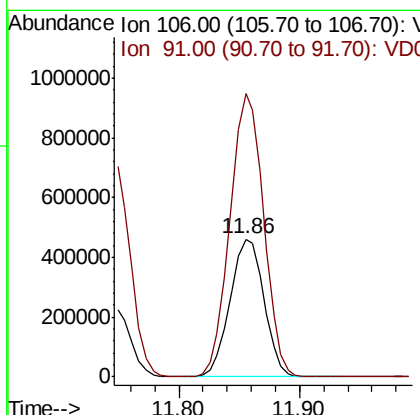
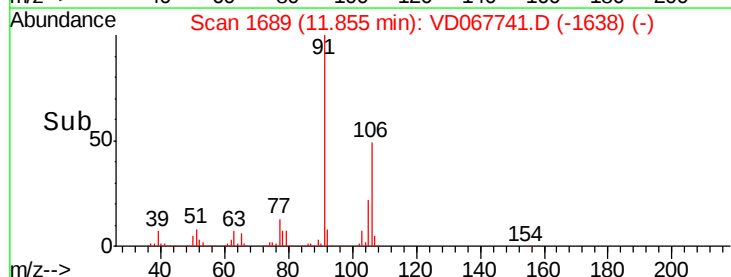
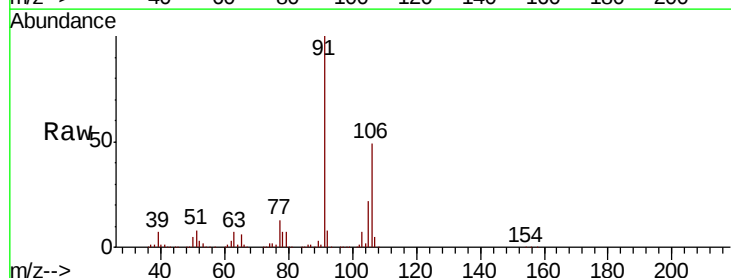
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

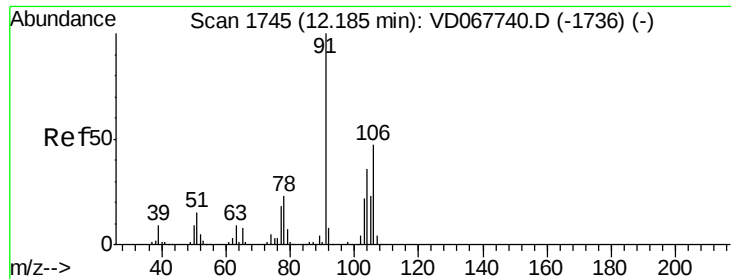
Tot Ion: 91 Resp: 1170383
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 193.119 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 106 Resp: 906350
Ion Ratio Lower Upper
106 100
91 203.6 163.0 244.6

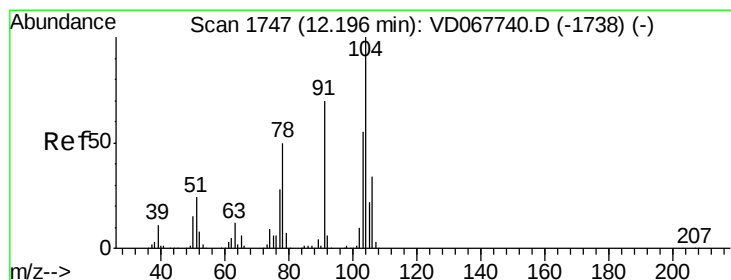
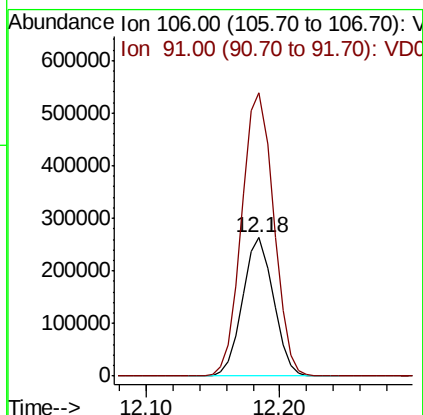
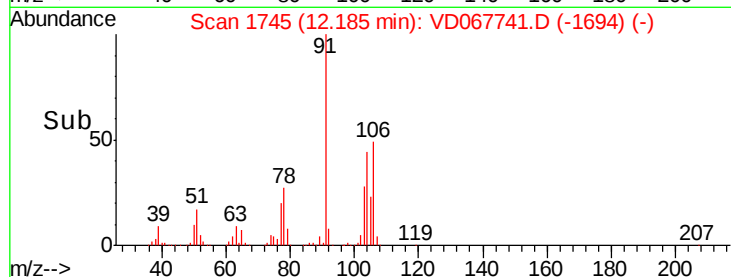
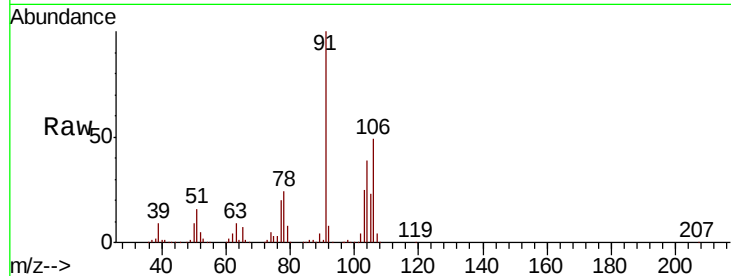




#69
o-Xylene
Concen: 98.543 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

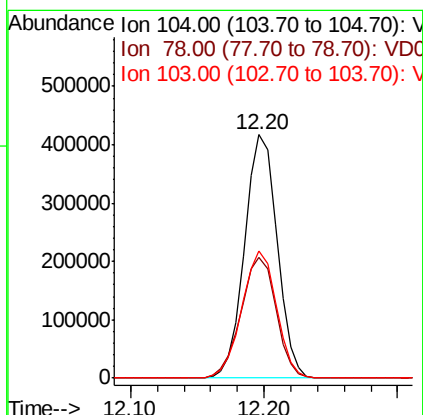
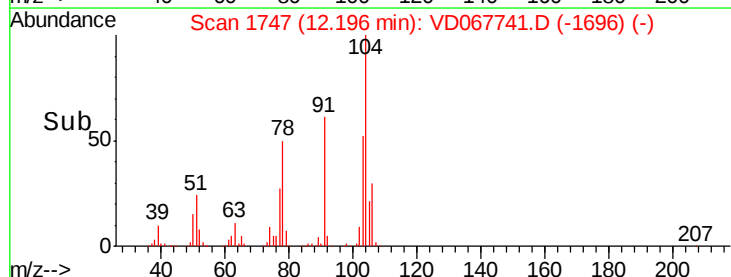
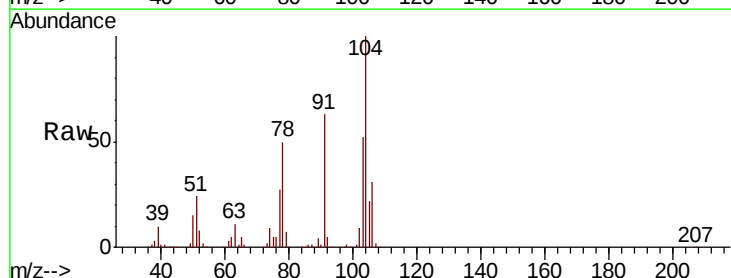
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

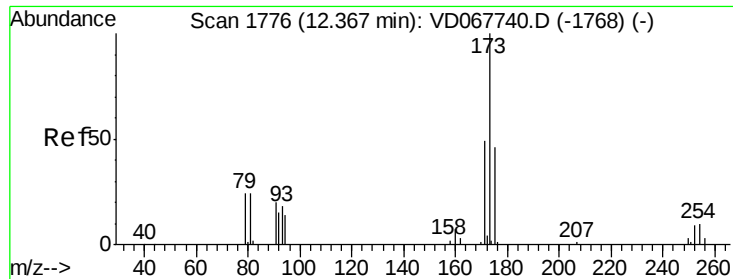
Tot Ion:106 Resp: 420536
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.6



#70
Styrene
Concen: 95.207 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion:104 Resp: 701885
Ion Ratio Lower Upper
104 100
78 53.8 41.9 62.9
103 55.5 44.1 66.1





#71

Bromoform

Concen: 93.919 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

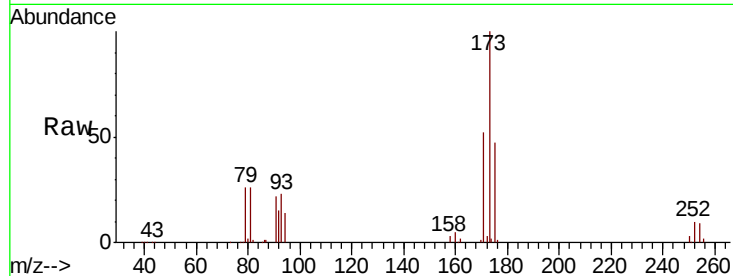
Tot Ion:173 Resp: 143248

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.7

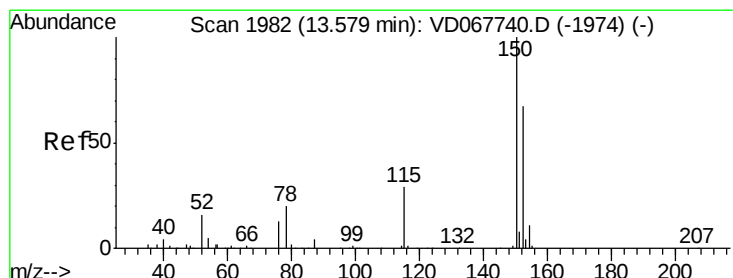
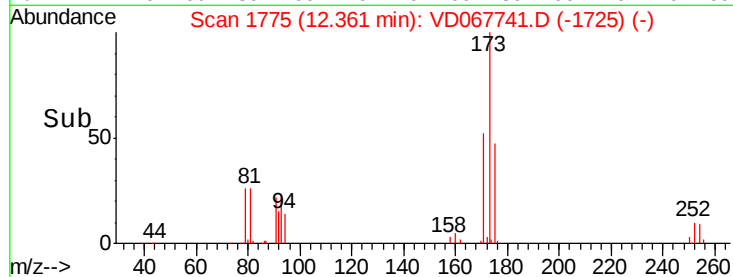
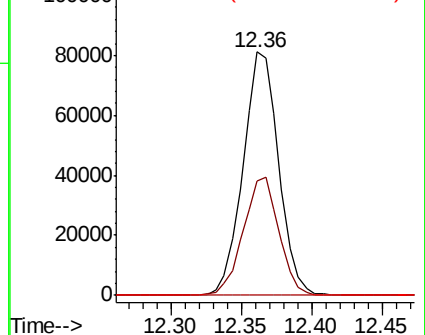
254 0.0 0.0 0.0



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: VD067741.D

Acq: 23 Nov 2020 12:44

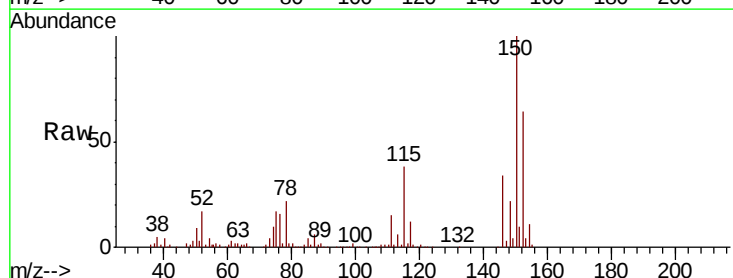
Tgt Ion:152 Resp: 180523

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.3

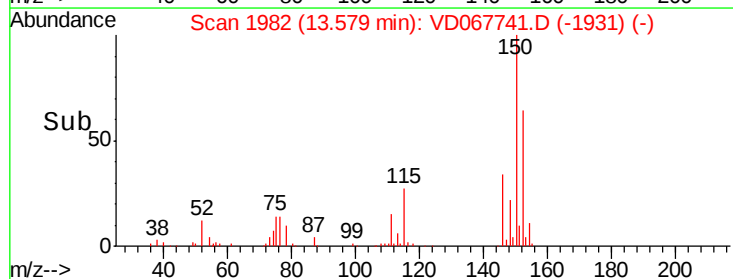
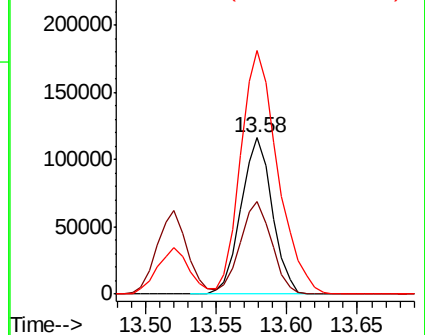
150 184.4 0.0 340.6

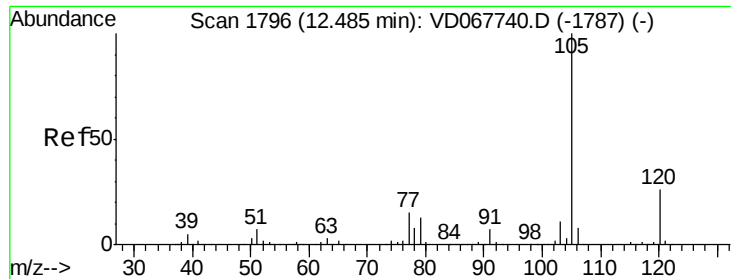


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.764 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

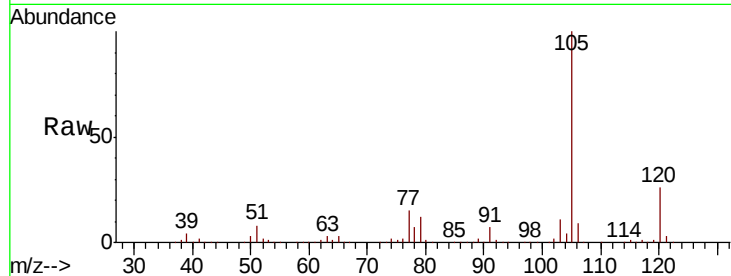
VSTDIC100

Tot Ion:105 Resp: 1171843

Ion Ratio Lower Upper

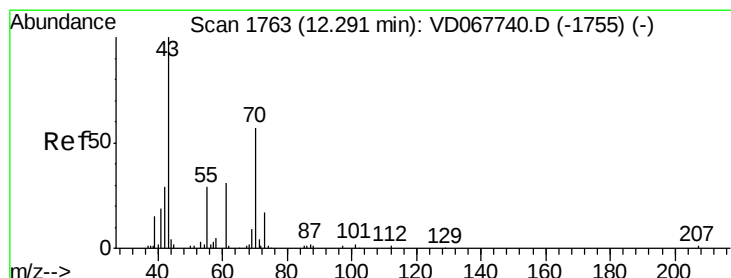
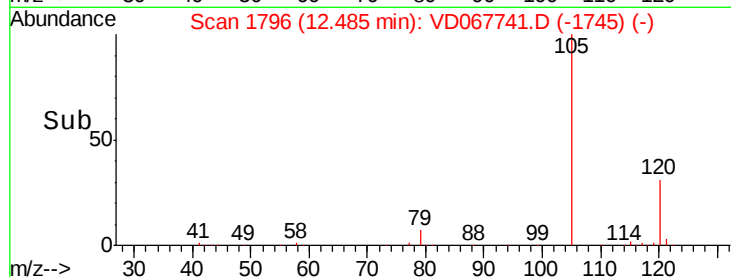
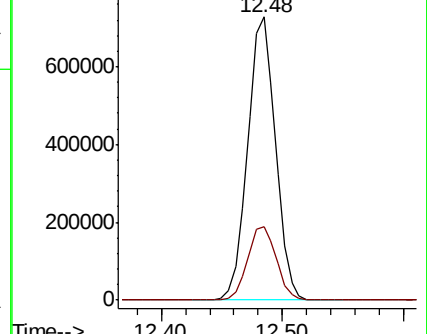
105 100

120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 100.632 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Tgt Ion: 43 Resp: 157879

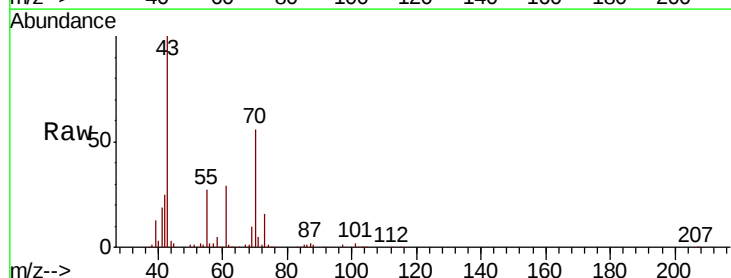
Ion Ratio Lower Upper

43 100

70 54.1 44.6 66.8

55 27.9 24.2 36.2

61 28.2 22.0 33.0

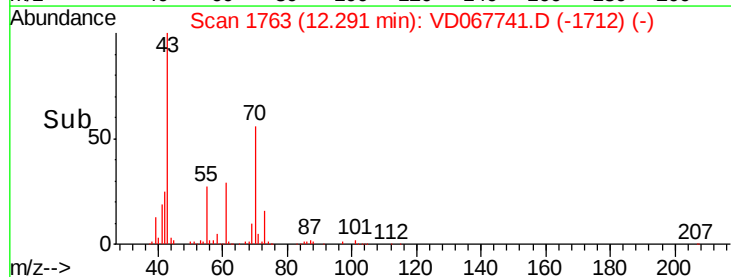
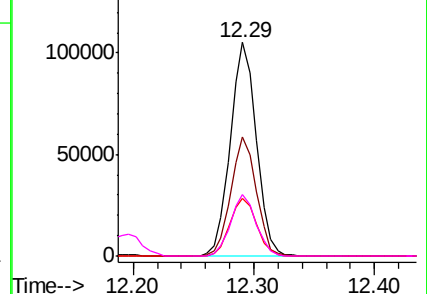


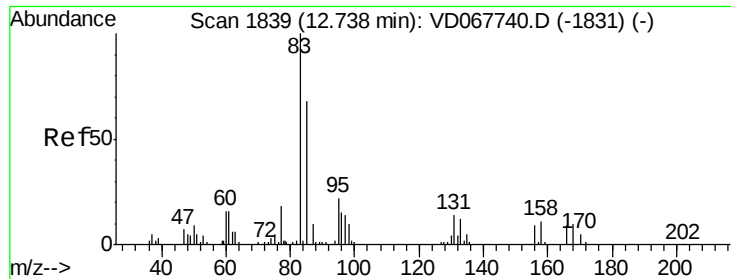
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 93.025 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

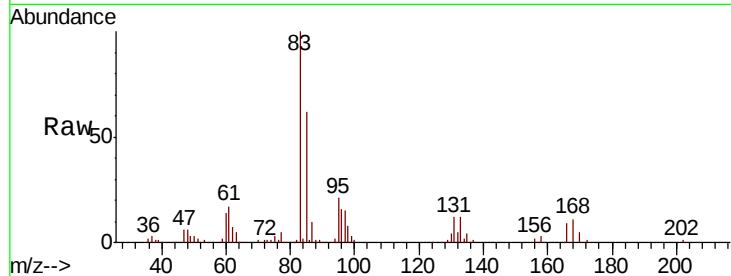
Tot Ion: 83 Resp: 150134

Ion Ratio Lower Upper

83 100

131 14.3 8.1 24.1

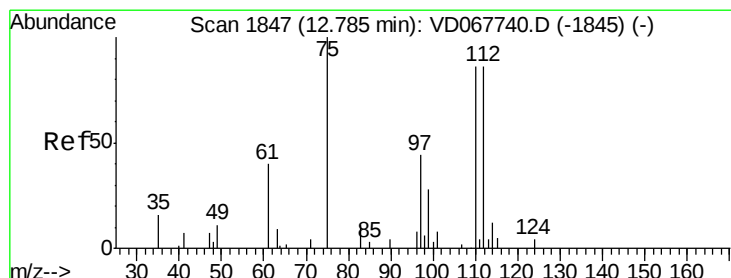
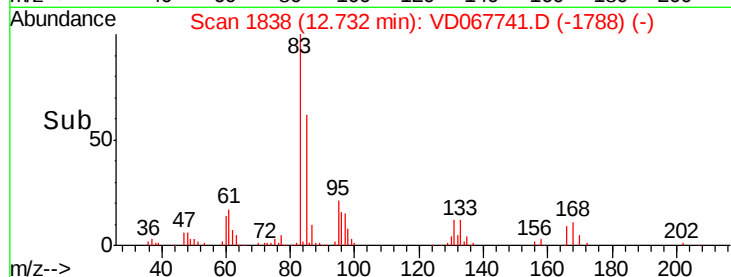
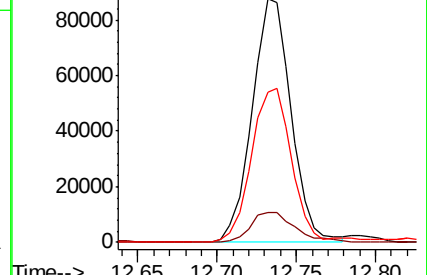
85 64.6 33.9 101.7



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: 159.580 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067741.D

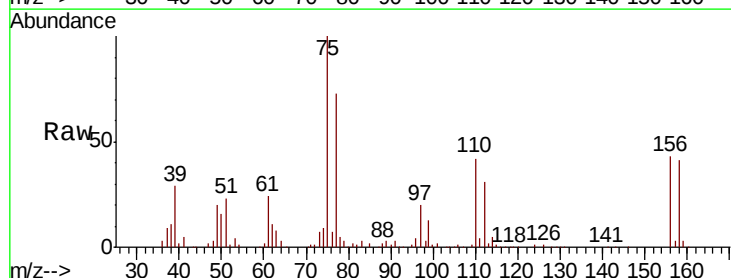
Acq: 23 Nov 2020 12:44

Tgt Ion: 75 Resp: 224511

Ion Ratio Lower Upper

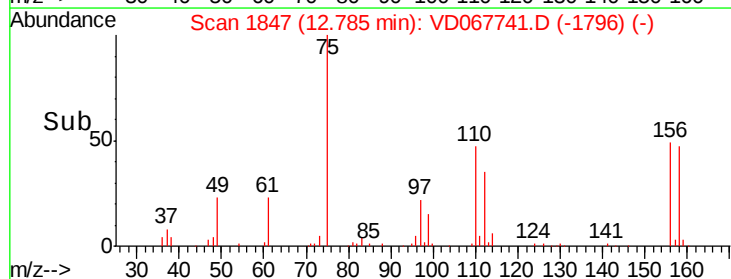
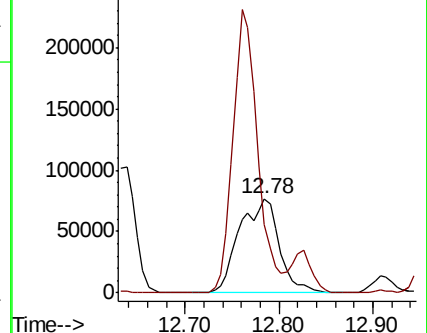
75 100

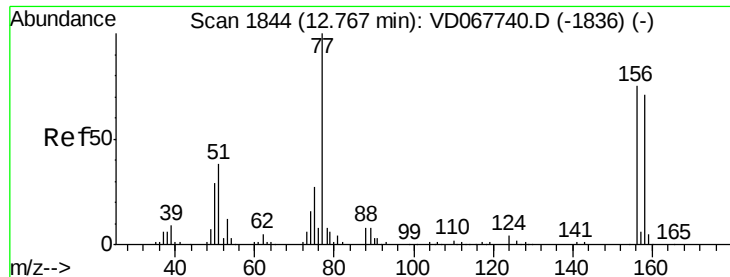
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 95.935 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

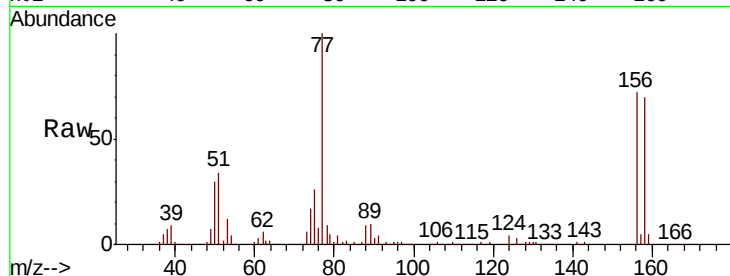
Tot Ion:156 Resp: 289275

Ion Ratio Lower Upper

156 100

77 145.5 73.5 220.3

158 96.2 48.1 144.4



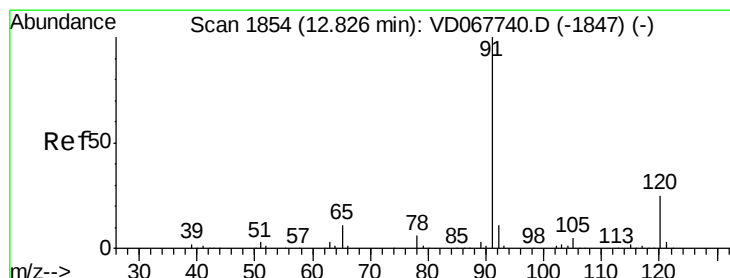
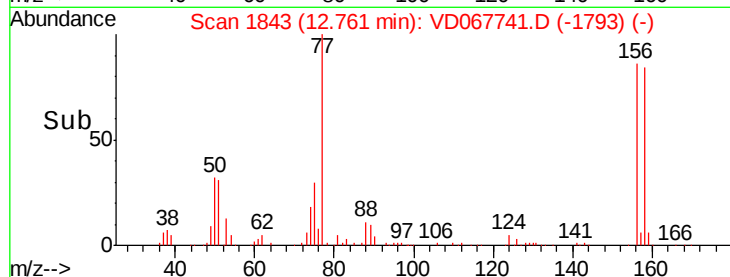
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

12.76

Time-->



#78

n-propylbenzene

Concen: 96.851 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067741.D

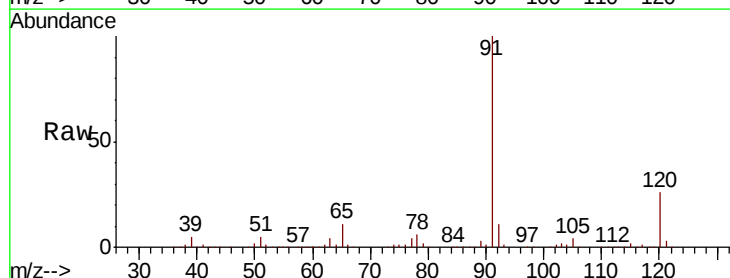
Acq: 23 Nov 2020 12:44

Tgt Ion: 91 Resp: 1300828

Ion Ratio Lower Upper

91 100

120 25.2 12.4 37.4

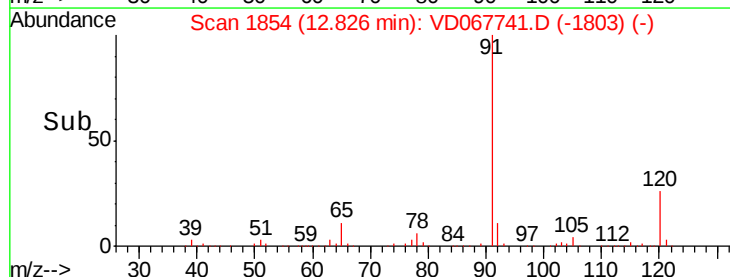


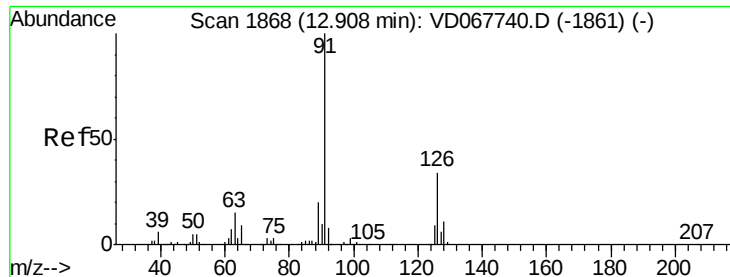
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.83

Time-->





#79

2-Chlorotoluene

Concen: 96.452 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

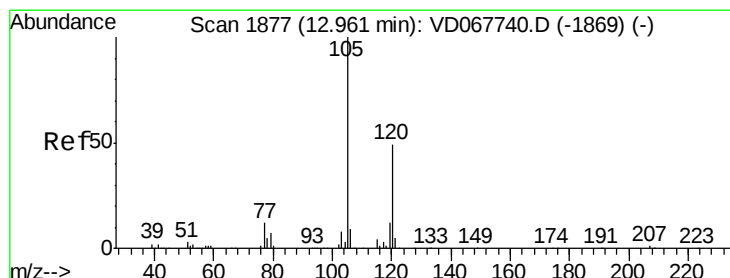
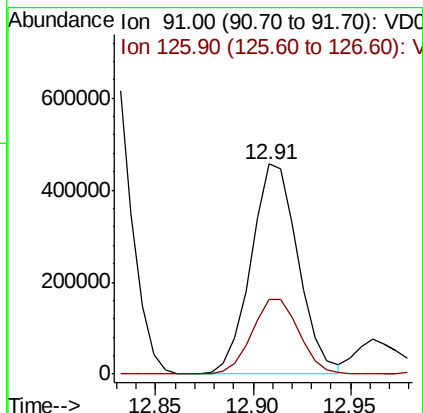
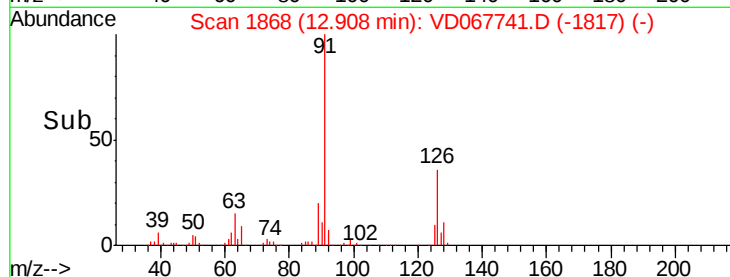
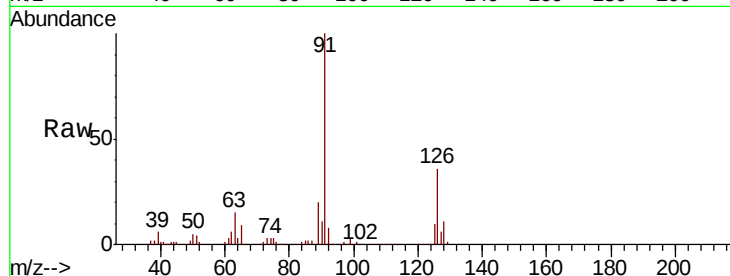
VSTDIC100

Tot Ion: 91 Resp: 762162

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 95.721 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067741.D

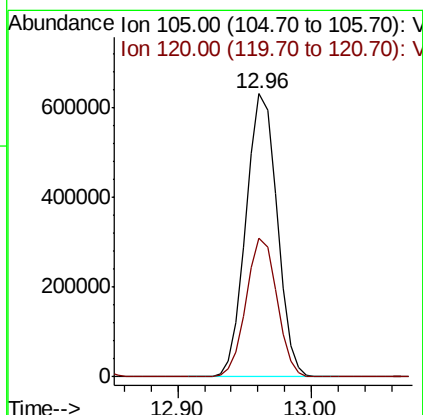
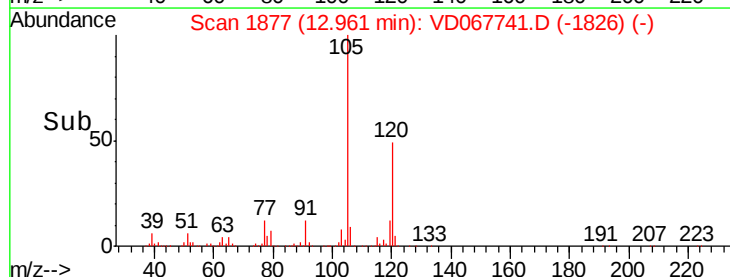
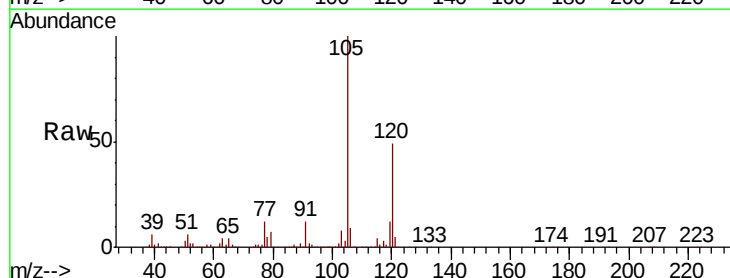
Acq: 23 Nov 2020 12:44

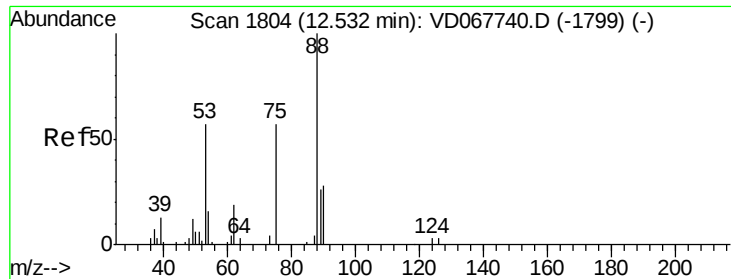
Tgt Ion:105 Resp: 1017553

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 96.240 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

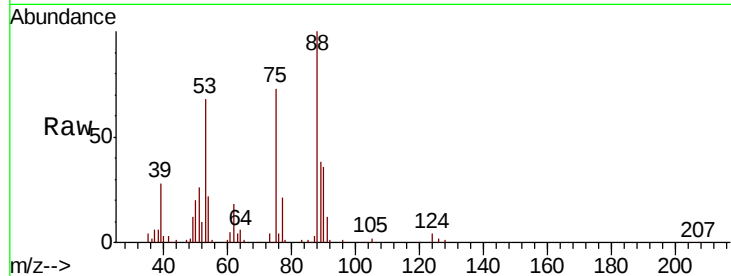
Tot Ion: 75 Resp: 51848

Ion Ratio Lower Upper

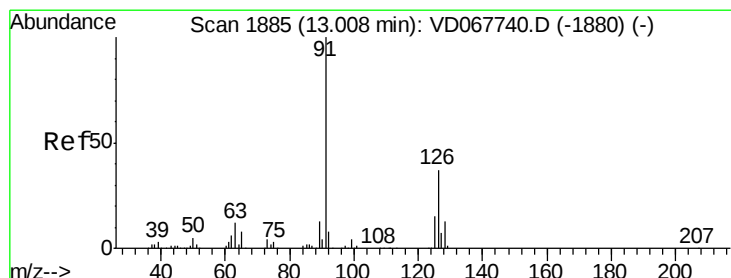
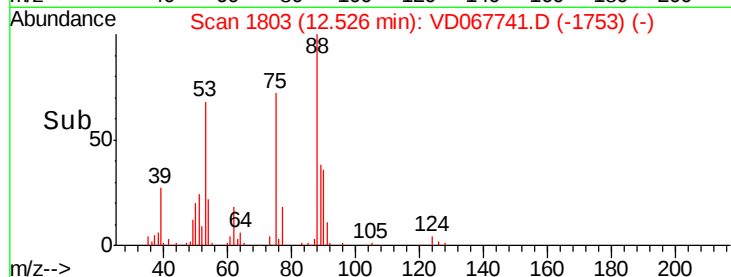
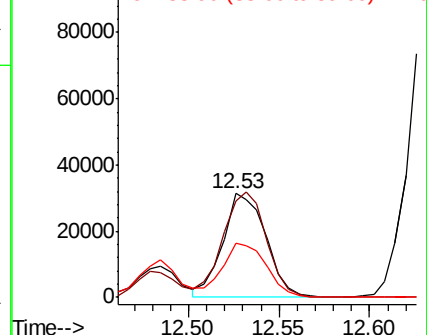
75 100

53 101.6 76.0 114.0

89 54.2 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 95.086 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067741.D

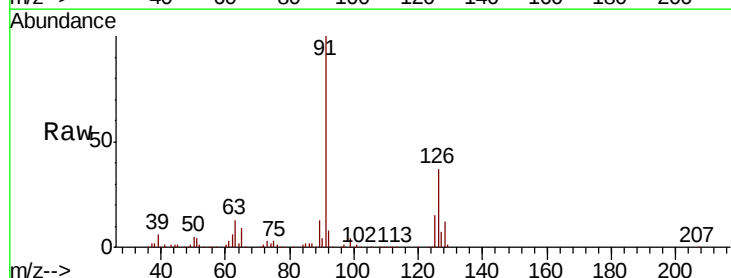
Acq: 23 Nov 2020 12:44

Tgt Ion: 91 Resp: 801825

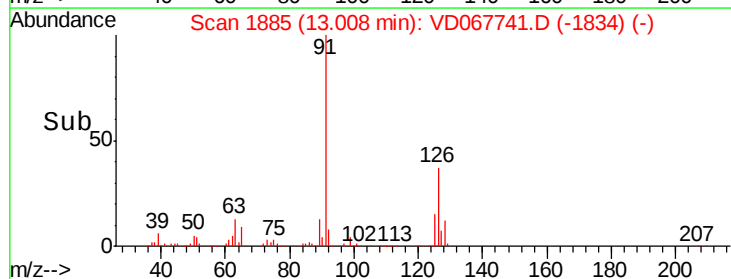
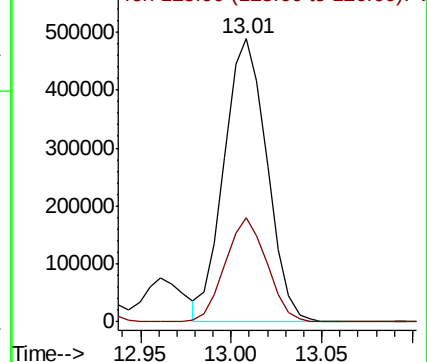
Ion Ratio Lower Upper

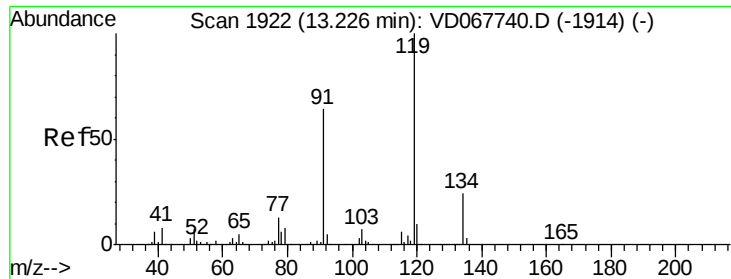
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

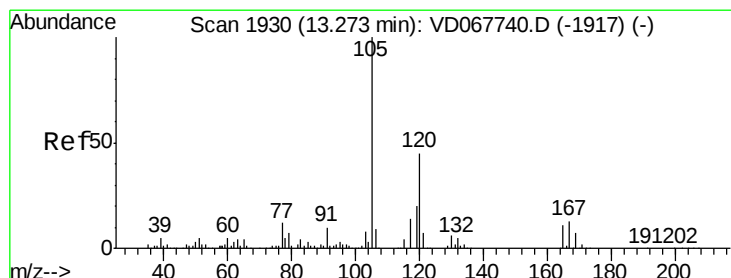
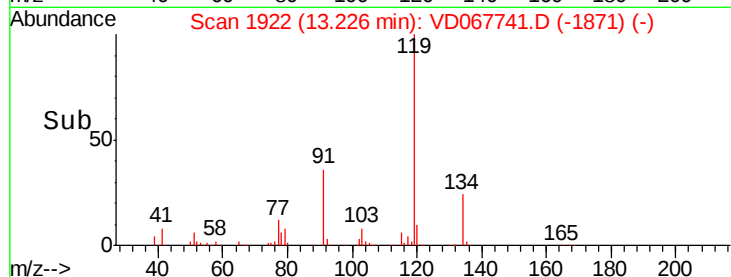
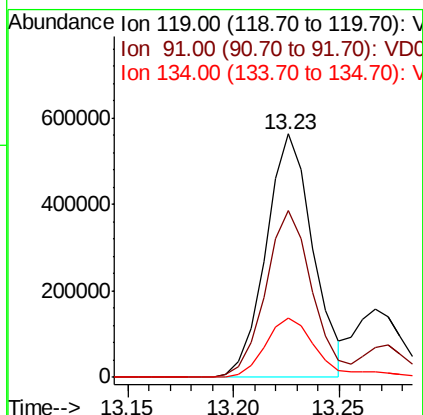
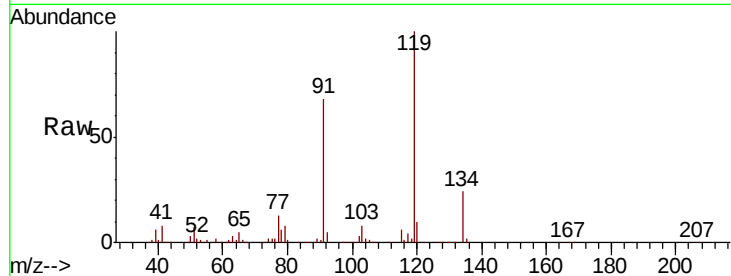




#83
tert-Butylbenzene
Concen: 97.125 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

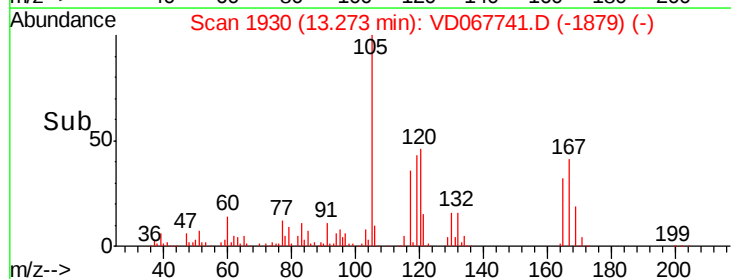
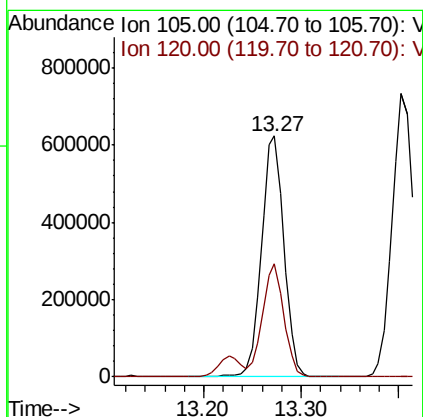
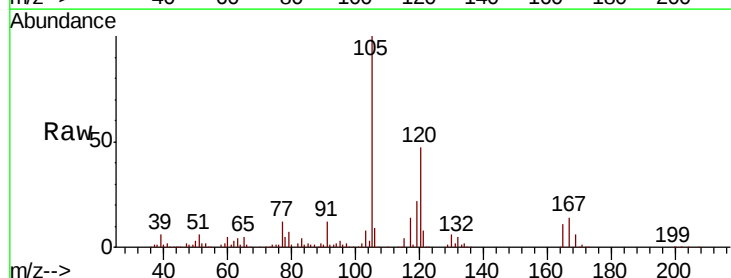
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

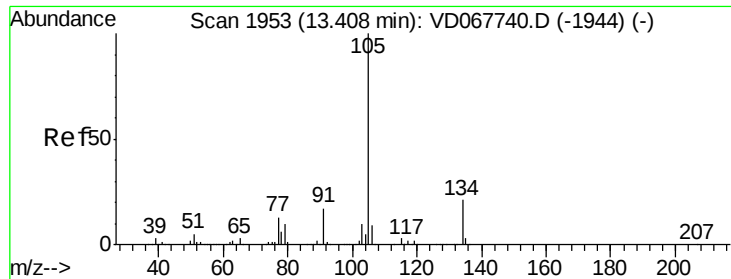
Tot Ion:119 Resp: 870059
Ion Ratio Lower Upper
119 100
91 68.5 32.9 98.7
134 27.4 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 96.735 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion:105 Resp: 1011725
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 96.797 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

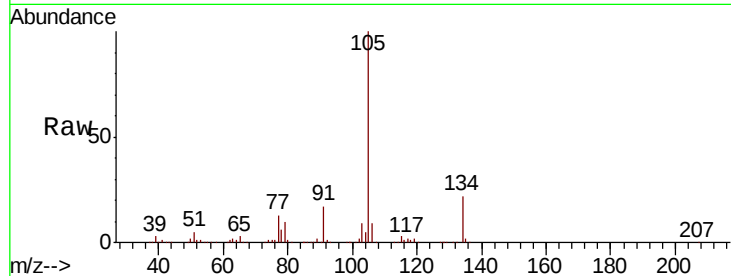
VSTDIC100

Tot Ion:105 Resp: 1145074

Ion Ratio Lower Upper

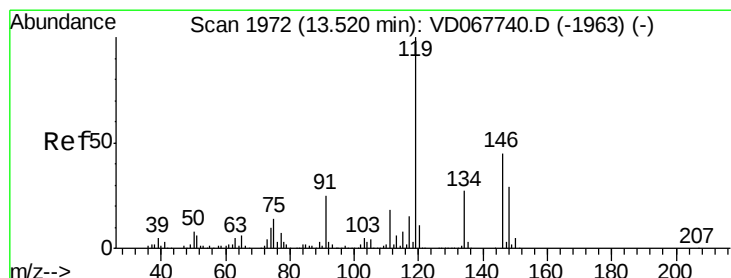
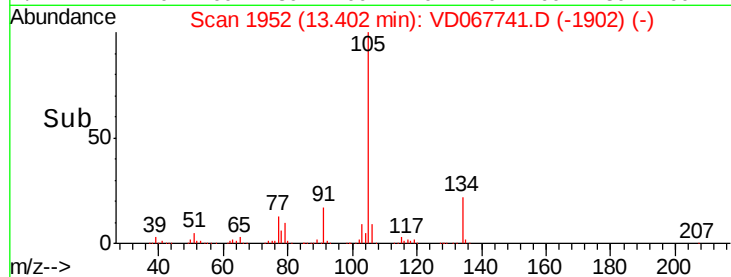
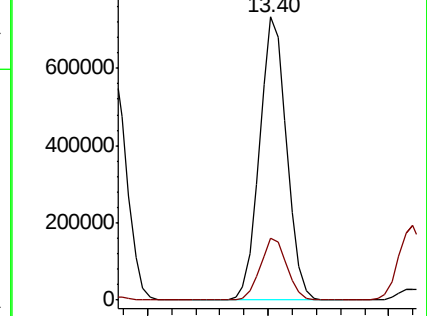
105 100

134 21.8 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 97.427 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

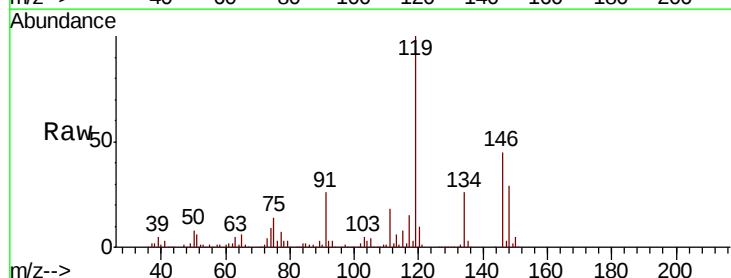
Tgt Ion:119 Resp: 1114578

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

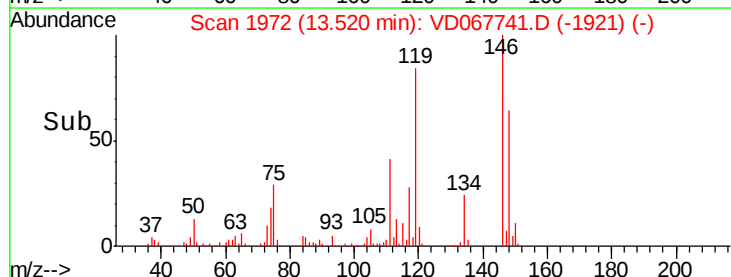
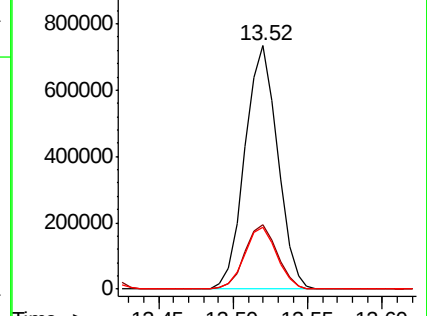
91 25.1 12.7 38.1

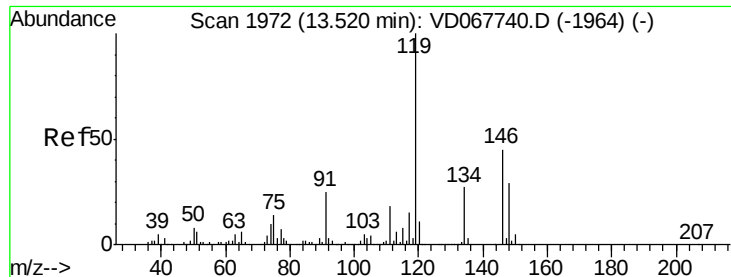


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

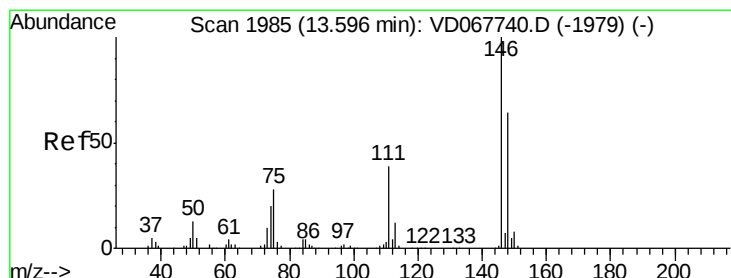
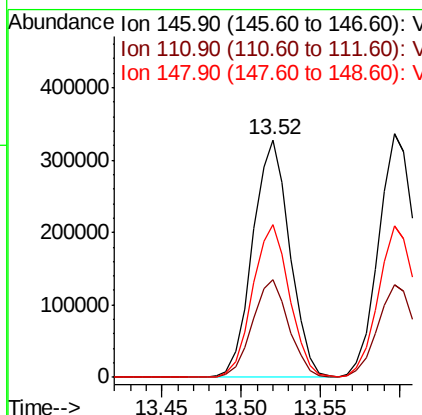
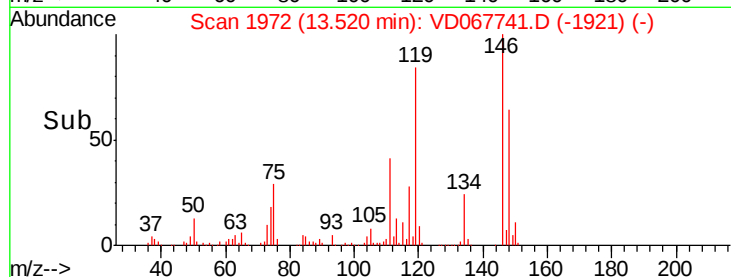
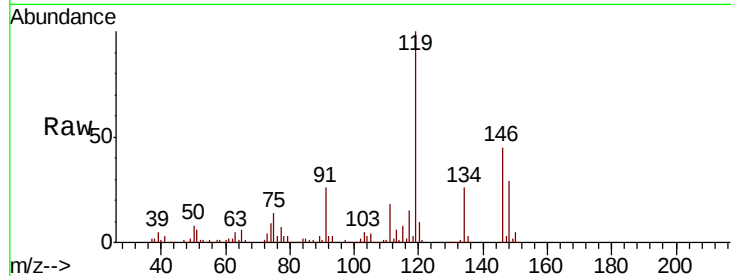




#87
1,3-Dichlorobenzene
Concen: 90.943 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

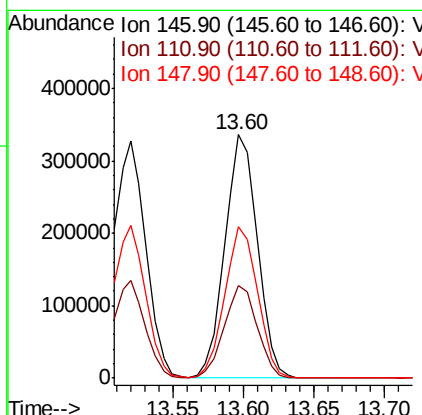
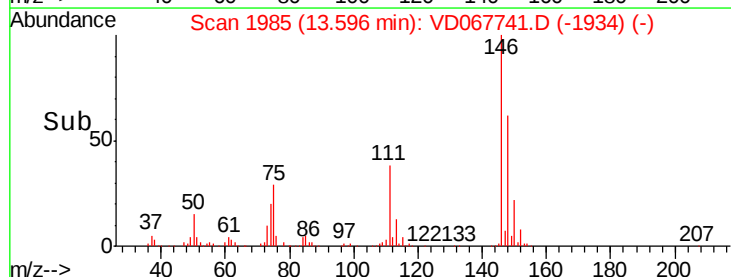
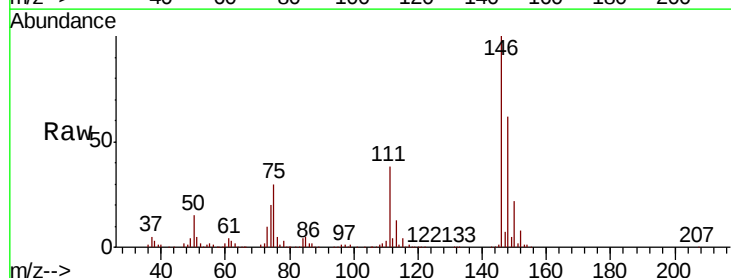
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

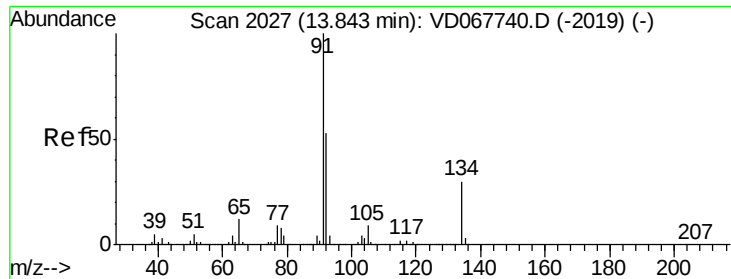
Tot Ion:146 Resp: 534378
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 63.8 32.5 97.4



#88
1,4-Dichlorobenzene
Concen: 92.339 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion:146 Resp: 540697
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.4
148 62.7 31.6 94.8

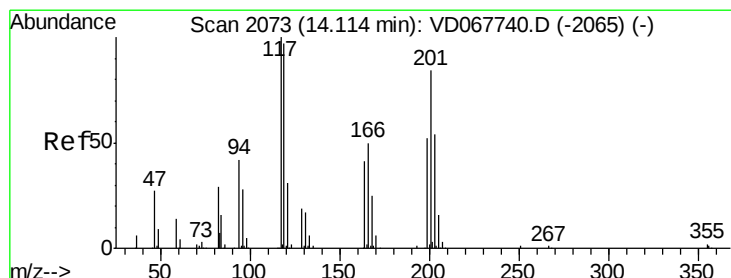
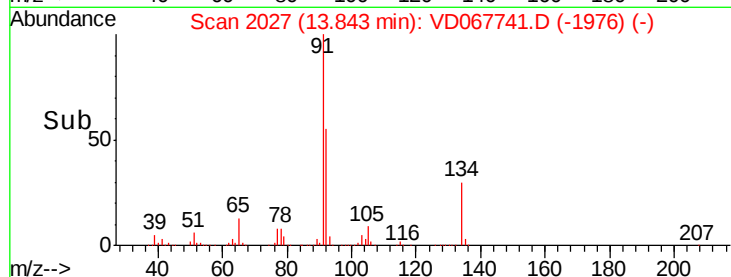
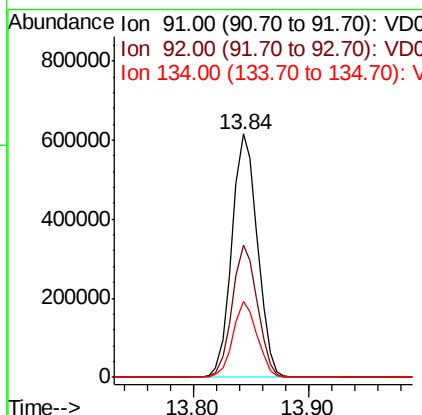
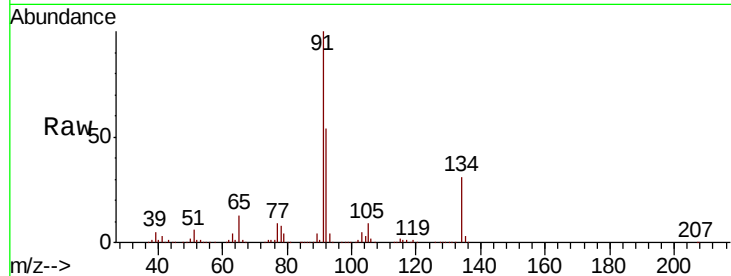




#89
n-Butylbenzene
Concen: 96.278 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

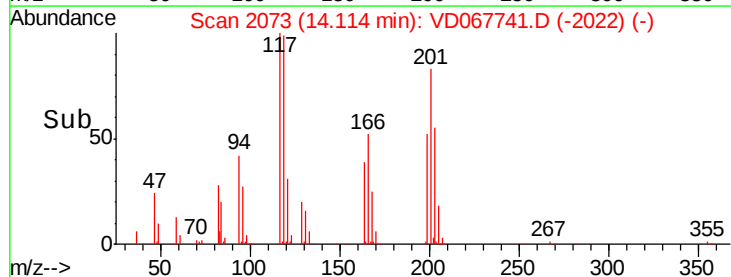
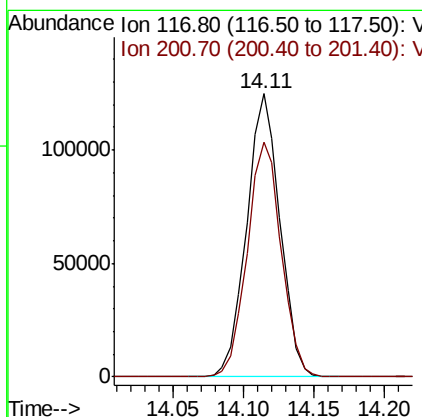
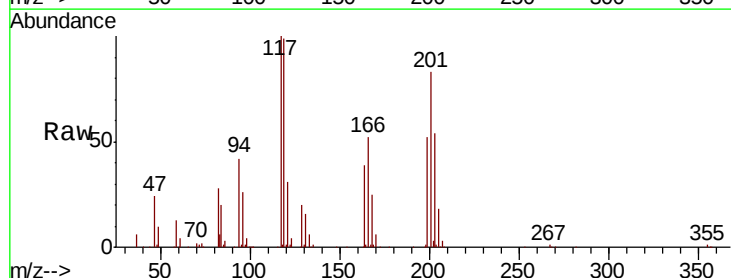
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

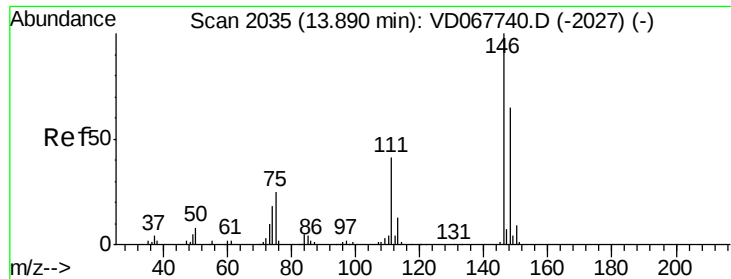
Tot Ion: 91 Resp: 942884
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 29.4 14.8 44.3



#90
Hexachloroethane
Concen: 94.793 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067741.D
Acq: 23 Nov 2020 12:44

Tgt Ion: 117 Resp: 206650
Ion Ratio Lower Upper
117 100
201 84.7 42.2 126.6

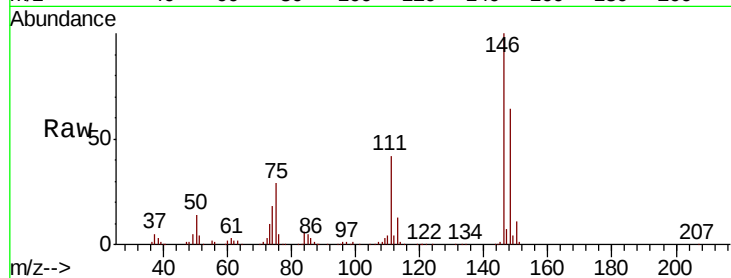




#91
 1,2-Dichlorobenzene
 Concen: 94.723 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	64.0	32.4	97.2

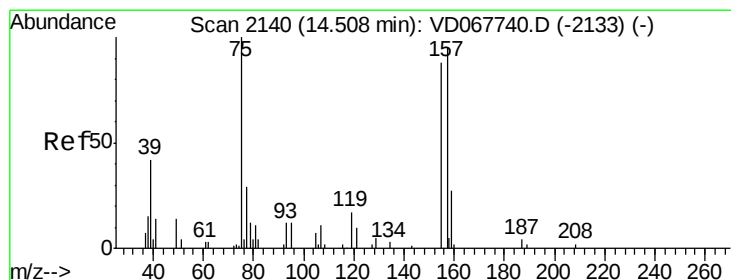
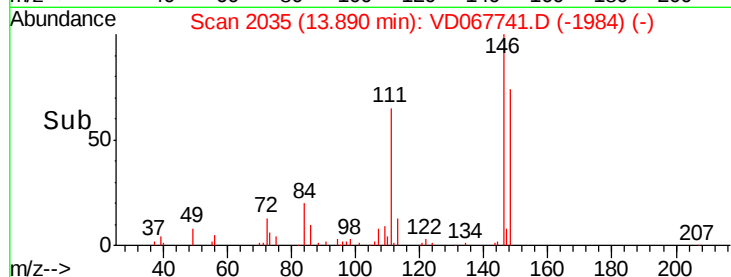
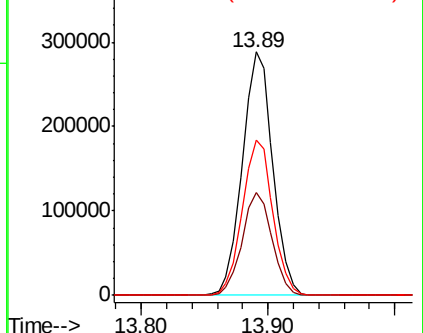


Abundance

Ion 145.90 (145.60 to 146.60): V

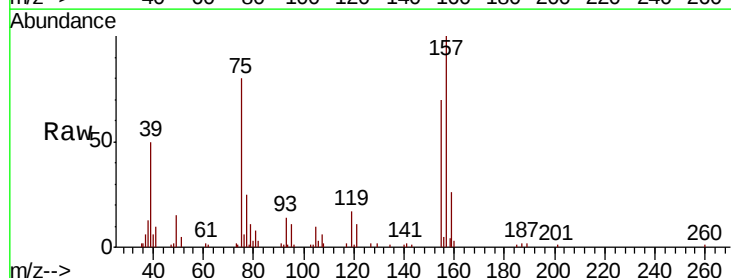
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 87.380 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	41.0	123.0
157	123.0	51.1	153.4

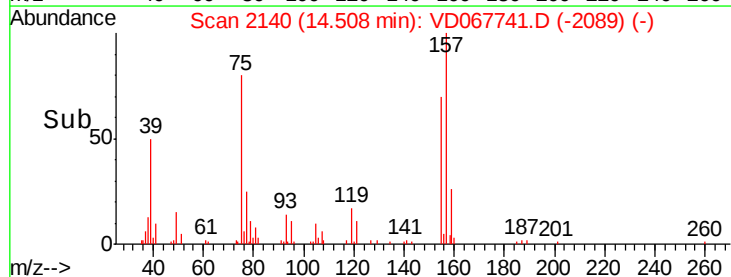
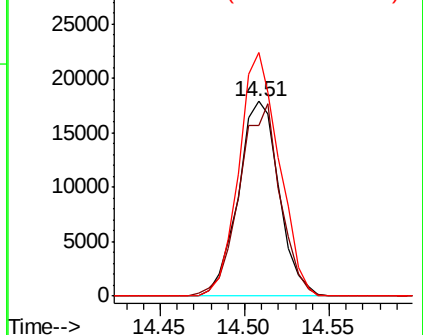


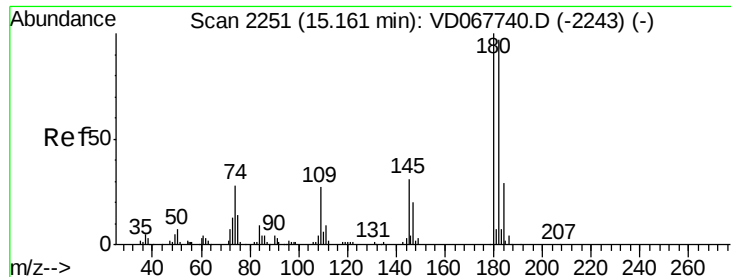
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

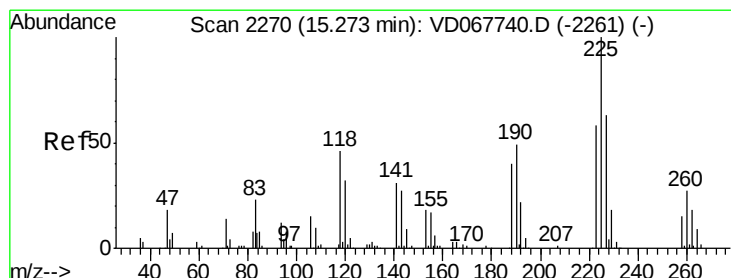
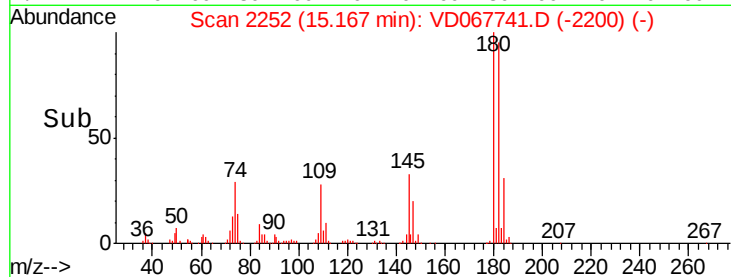
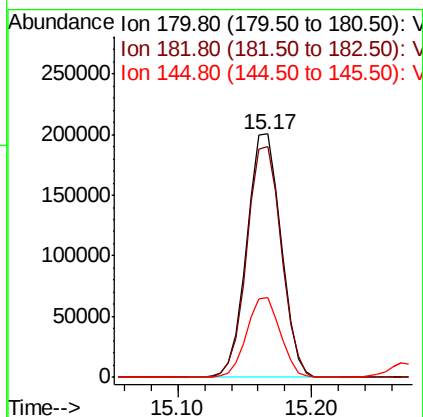
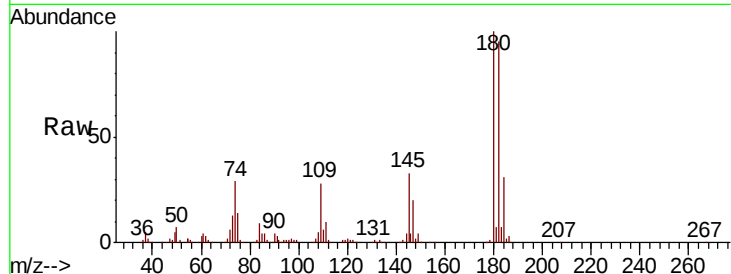




#93
 1,2,4-Trichlorobenzene
 Concen: 99.040 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

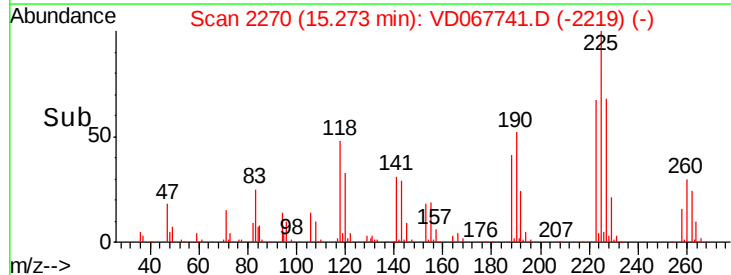
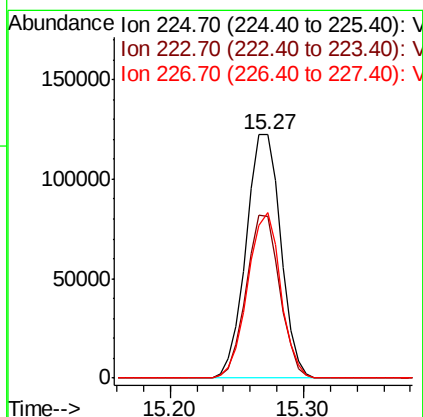
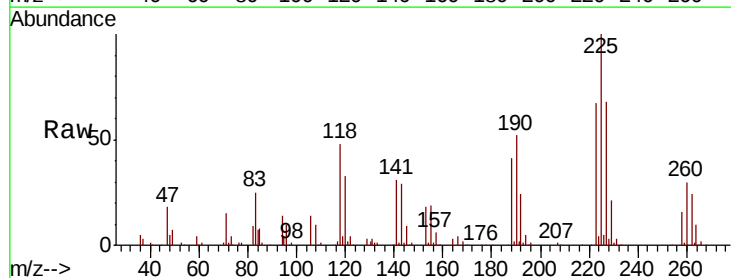
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

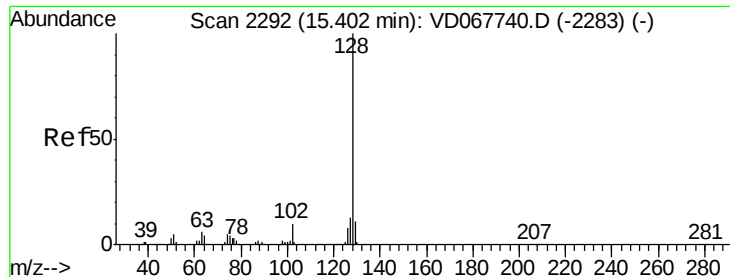
Tot Ion:180 Resp: 354444
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.2
 145 32.3 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 95.657 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067741.D
 Acq: 23 Nov 2020 12:44

Tgt Ion:225 Resp: 219594
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.5 94.5
 227 64.4 32.9 98.7





#95

Naphthalene

Concen: 102.744 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

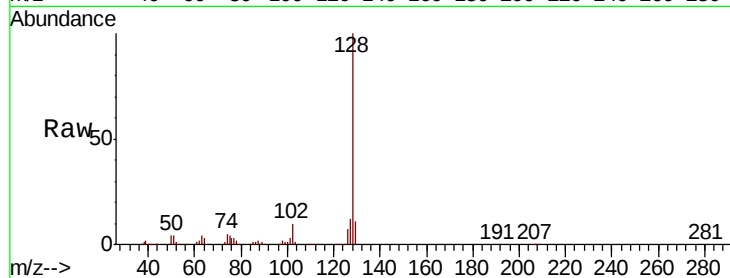
Tot Ion:128 Resp: 595816

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

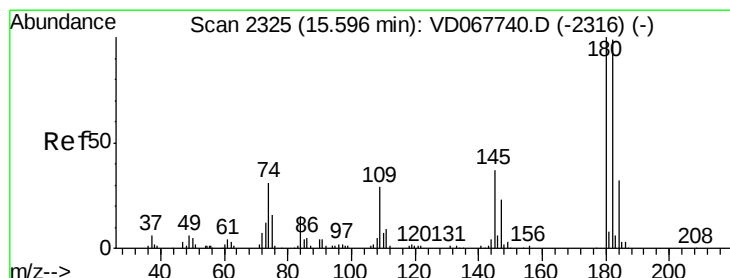
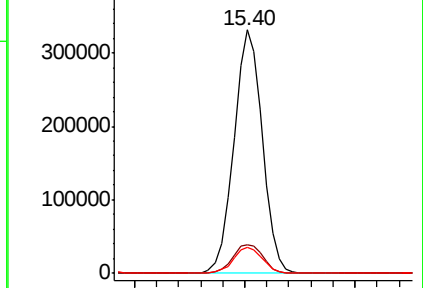
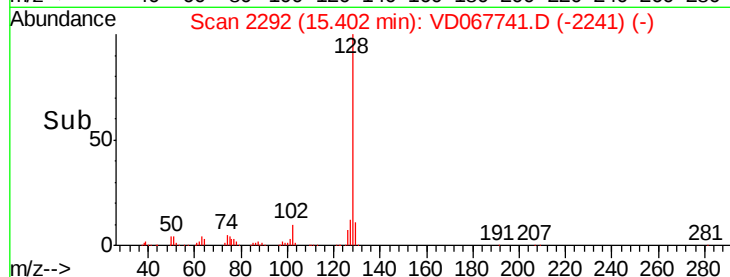
129 10.9 8.6 12.8



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: 99.343 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067741.D

Acq: 23 Nov 2020 12:44

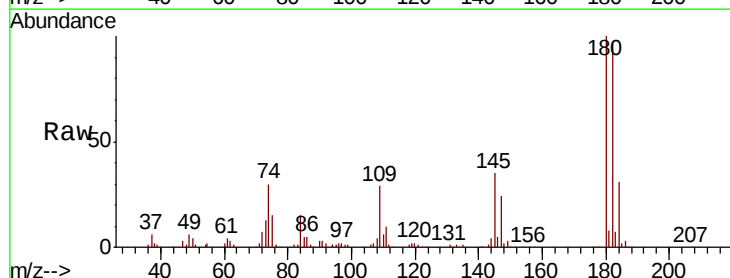
Tgt Ion:180 Resp: 301885

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 34.8 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

