

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067736.D
 Acq On : 23 Nov 2020 09:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Nov 24 00:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	227921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	296210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157173	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	102390	46.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.40%	
35) Dibromofluoromethane		7.92	113	97795	47.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.02%	
50) Toluene-d8		10.34	98	332311	44.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.32%	
62) 4-Bromofluorobenzene		12.64	95	123388	47.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	95252	48.023	ug/l	96
3) Chloromethane	2.20	50	53233	48.208	ug/l	97
4) Vinyl Chloride	2.35	62	66727	48.225	ug/l	93
5) Bromomethane	2.77	94	57859	49.080	ug/l	96
6) Chloroethane	2.93	64	45555	49.399	ug/l	96
7) Trichlorofluoromethane	3.27	101	222317	52.652	ug/l	98
8) Diethyl Ether	3.70	74	41621	48.823	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	102610	50.749	ug/l	99
10) Methyl Iodide	4.30	142	98402	47.548	ug/l	97
11) Tert butyl alcohol	5.22	59	29278	251.693	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	94477	50.498	ug/l	96
13) Acrolein	3.92	56	17950	195.414	ug/l	94
14) Allyl chloride	4.71	41	91186	50.420	ug/l	97
15) Acrylonitrile	5.41	53	77905	262.381	ug/l	99
16) Acetone	4.16	43	94538	330.215	ug/l	99
17) Carbon Disulfide	4.41	76	253089	46.771	ug/l	96
18) Methyl Acetate	4.71	43	30820	53.509	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	208316	52.099	ug/l	95
20) Methylene Chloride	4.96	84	106367	48.936	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	109390	51.428	ug/l	92
22) Diisopropyl ether	6.36	45	191173	53.551	ug/l	98
23) Vinyl Acetate	6.30	43	545412	270.842	ug/l	99
24) 1,1-Dichloroethane	6.26	63	161786	53.454	ug/l	99
25) 2-Butanone	7.21	43	85888	267.345	ug/l	92
26) 2,2-Dichloropropane	7.21	77	194608	54.502	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	119726	52.808	ug/l	99
28) Bromochloromethane	7.54	49	56353	58.125	ug/l	98
29) Tetrahydrofuran	7.56	42	49082	268.711	ug/l	99
30) Chloroform	7.71	83	210194	53.108	ug/l	92
31) Cyclohexane	7.98	56	124402	46.394	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	222302	53.035	ug/l	98
36) 1,1-Dichloropropene	8.11	75	146919	52.933	ug/l	98
37) Ethyl Acetate	7.30	43	37607	50.389	ug/l	96
38) Carbon Tetrachloride	8.10	117	216561	53.826	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067736.D
 Acq On : 23 Nov 2020 09:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Nov 24 00:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165300	50.324	ug/l	95
40) Benzene	8.35	78	406104	53.273	ug/l	97
41) Methacrylonitrile	7.52	41	19450	51.036	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	135071	52.221	ug/l	99
43) Isopropyl Acetate	8.45	43	74628	50.071	ug/l	95
44) Trichloroethene	9.11	130	133273	52.750	ug/l	93
45) 1,2-Dichloropropane	9.38	63	81585	52.159	ug/l	92
46) Dibromomethane	9.48	93	55148	51.787	ug/l	93
47) Bromodichloromethane	9.67	83	160385	54.085	ug/l	94
48) Methyl methacrylate	9.46	41	38606	51.811	ug/l	98
49) 1,4-Dioxane	9.47	88	12345	1069.695	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	183215	261.237	ug/l	96
52) Toluene	10.41	92	279893	54.123	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	137758	53.173	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	155073	52.890	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	75614	52.920	ug/l	99
56) Ethyl methacrylate	10.67	69	78240	52.889	ug/l	98
57) 1,3-Dichloropropane	10.95	76	118500	52.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	174763	252.837	ug/l	98
59) 2-Hexanone	10.99	43	147850	298.588	ug/l	97
60) Dibromochloromethane	11.14	129	115584	53.085	ug/l	100
61) 1,2-Dibromoethane	11.25	107	72056	51.181	ug/l	97
64) Tetrachloroethene	10.88	164	117573	51.141	ug/l	89
65) Chlorobenzene	11.67	112	310749	53.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	129458	54.973	ug/l	97
67) Ethyl Benzene	11.75	91	548736	54.598	ug/l	99
68) m/p-Xylenes	11.86	106	424337	108.495	ug/l	100
69) o-Xylene	12.18	106	192720	54.119	ug/l	100
70) Styrene	12.20	104	332937	54.890	ug/l	99
71) Bromoform	12.37	173	67401	52.723	ug/l #	98
73) Isopropylbenzene	12.48	105	553470	53.520	ug/l	99
74) N-amyl acetate	12.29	43	67060	49.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	70146	50.542	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	103747	94.710	ug/l #	100
77) Bromobenzene	12.77	156	135122	52.197	ug/l	100
78) n-propylbenzene	12.82	91	612720	53.256	ug/l	99
79) 2-Chlorotoluene	12.91	91	351688	51.629	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	470724	52.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22825	48.736	ug/l	91
82) 4-Chlorotoluene	13.01	91	373144	51.410	ug/l	99
83) tert-Butylbenzene	13.23	119	397966	51.490	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	469495	52.252	ug/l	99
85) sec-Butylbenzene	13.40	105	529223	52.120	ug/l	99
86) p-Isopropyltoluene	13.52	119	513545	52.217	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	250253	49.950	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	250761	50.527	ug/l	99
89) n-Butylbenzene	13.84	91	435517	51.676	ug/l	99
90) Hexachloroethane	14.11	117	94755	50.612	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	216527	50.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	14763	49.339	ug/l	98

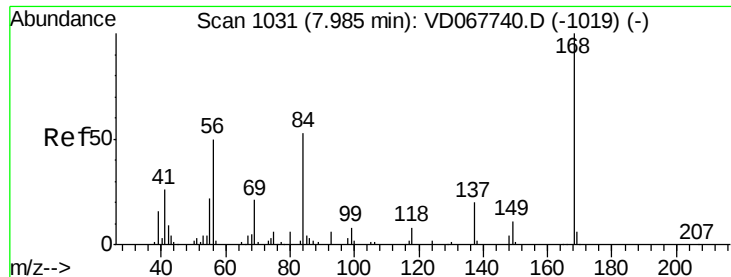
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112320\
Data File : VD067736.D
Acq On : 23 Nov 2020 09:55
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Quant Time: Nov 24 00:52:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	153609	50.267	ug/l	100
94) Hexachlorobutadiene	15.27	225	102214	52.351	ug/l	98
95) Naphthalene	15.40	128	249204	50.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	132927	51.067	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

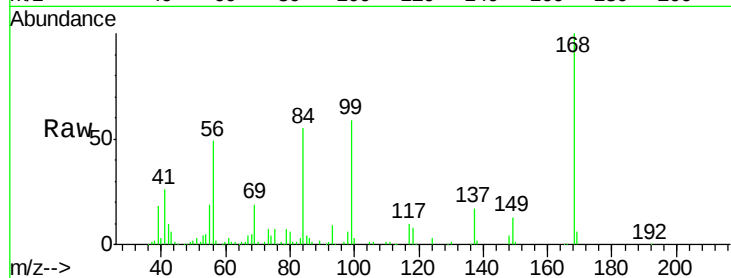
VSTD05006

Tot Ion:168 Resp: 227921

Ion Ratio Lower Upper

168 100

99 58.4 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

80000

60000

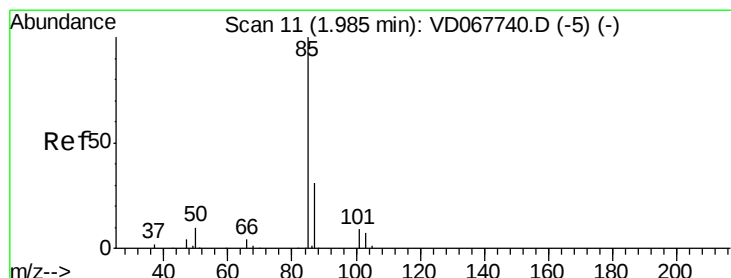
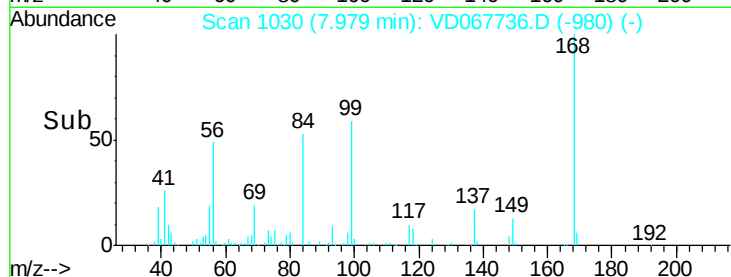
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.023 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067736.D

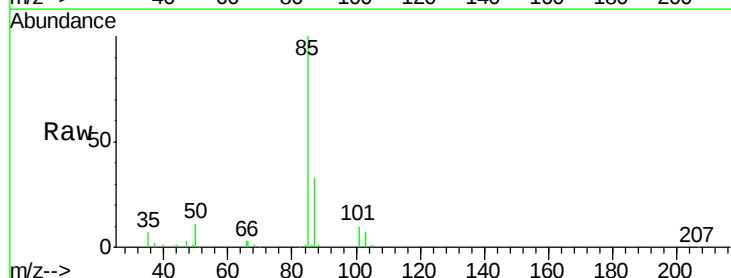
Acq: 23 Nov 2020 09:55

Tgt Ion: 85 Resp: 95252

Ion Ratio Lower Upper

85 100

87 33.1 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

80000

60000

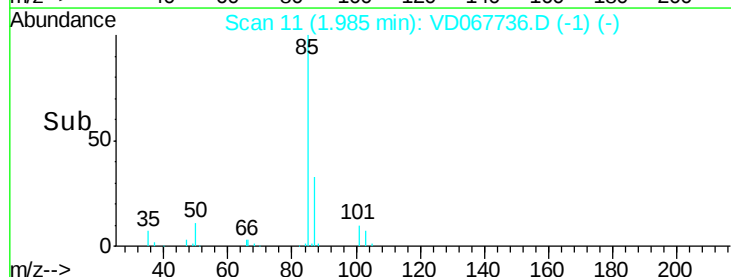
40000

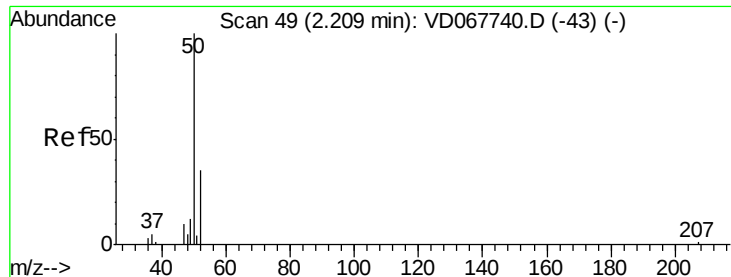
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.208 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

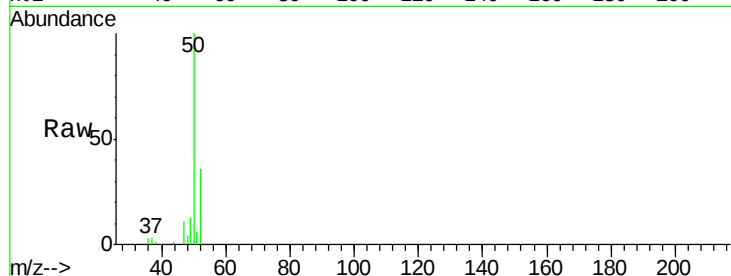
VSTD05006

Tot Ion: 50 Resp: 53233

Ion Ratio Lower Upper

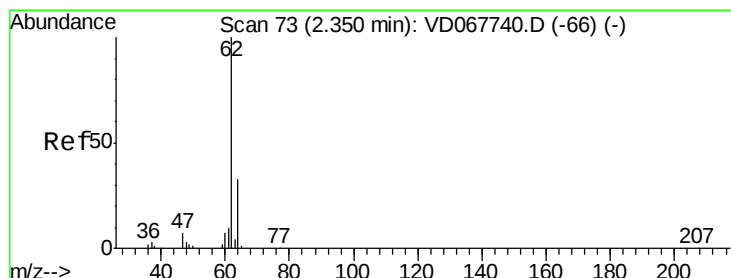
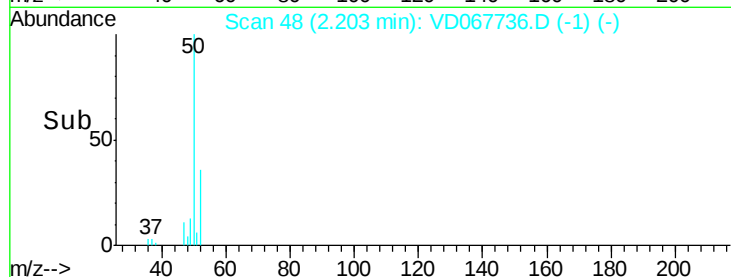
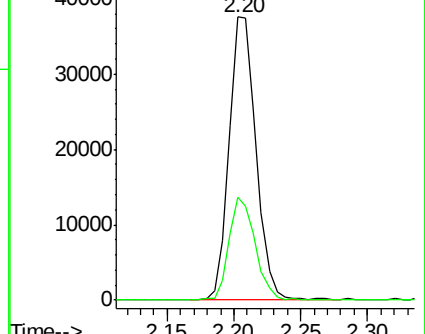
50 100

52 36.5 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.225 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067736.D

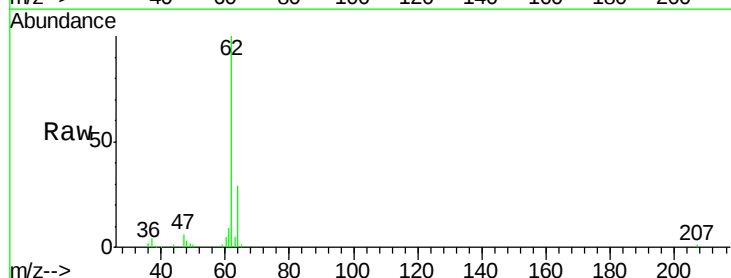
Acq: 23 Nov 2020 09:55

Tgt Ion: 62 Resp: 66727

Ion Ratio Lower Upper

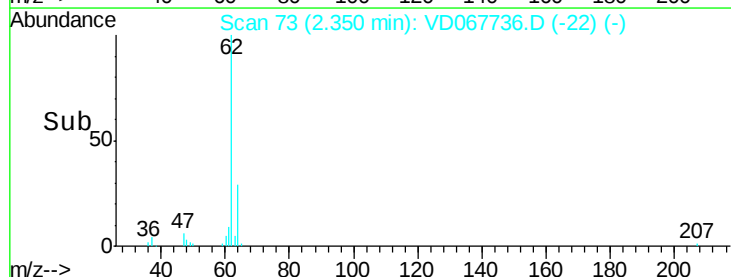
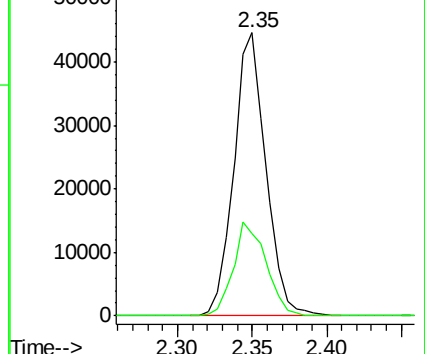
62 100

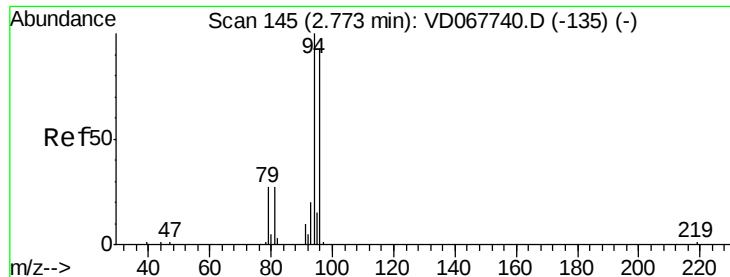
64 29.2 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.080 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

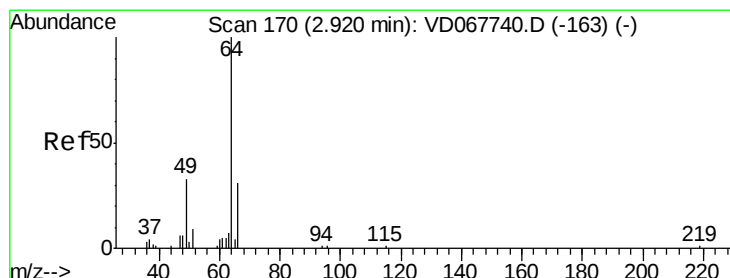
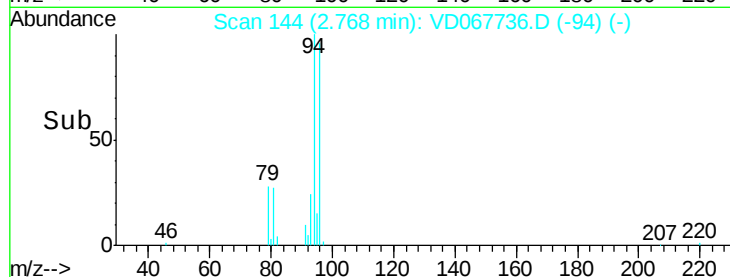
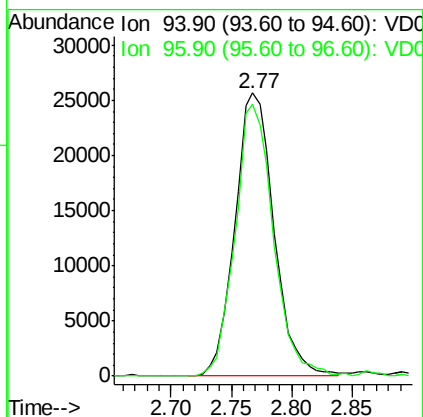
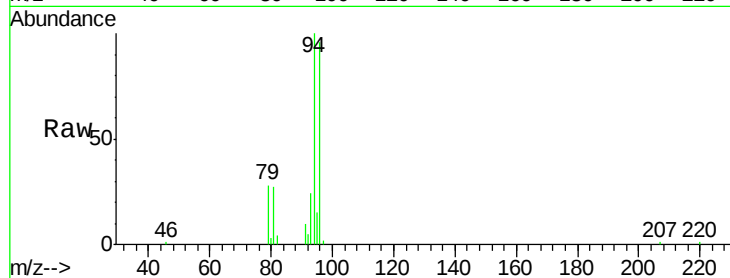
VSTD05006

Tot Ion: 94 Resp: 57859

Ion Ratio Lower Upper

94 100

96 95.9 74.0 111.0



#6

Chloroethane

Concen: 49.399 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067736.D

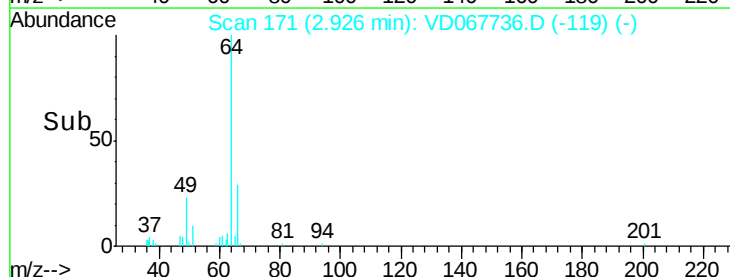
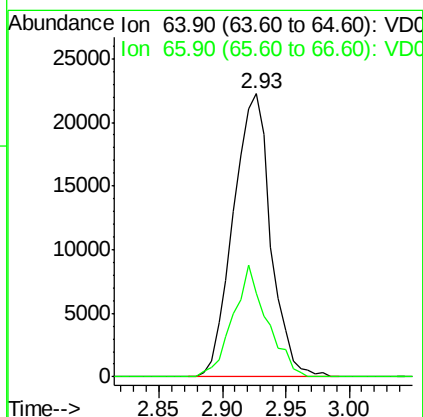
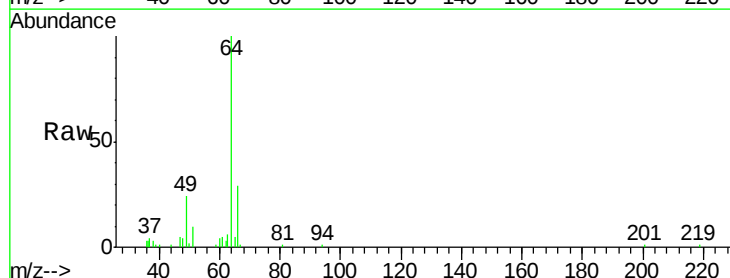
Acq: 23 Nov 2020 09:55

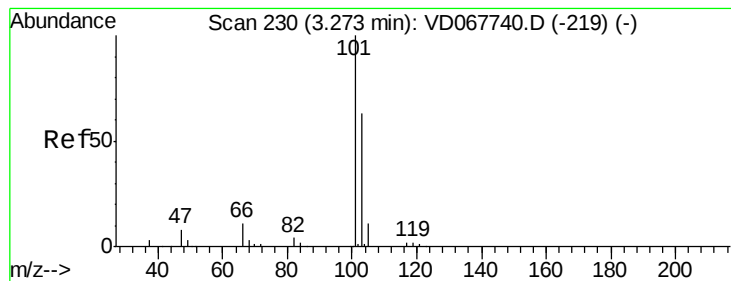
Tgt Ion: 64 Resp: 45555

Ion Ratio Lower Upper

64 100

66 29.5 25.1 37.7



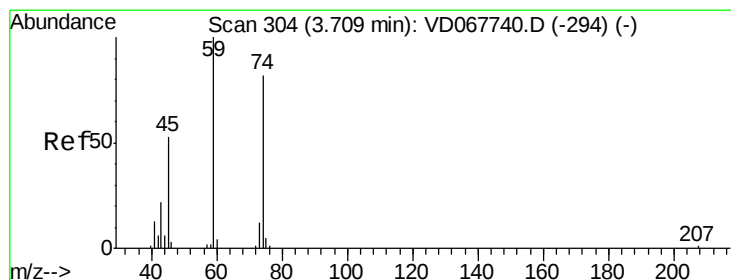
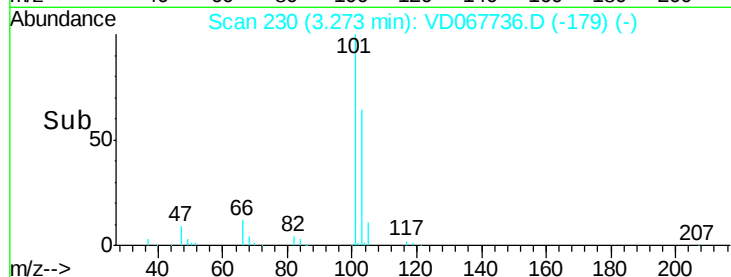
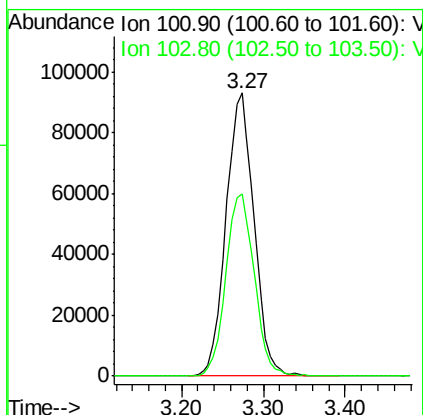
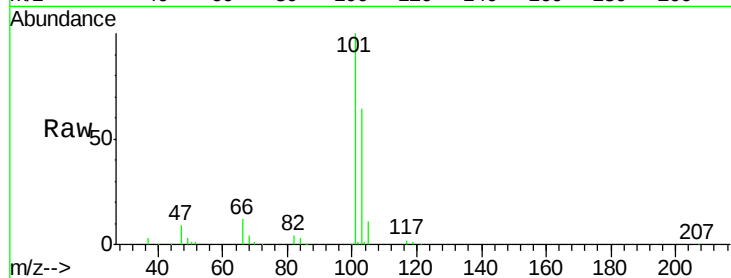


#7

Trichlorofluoromethane
 Concen: 52.652 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

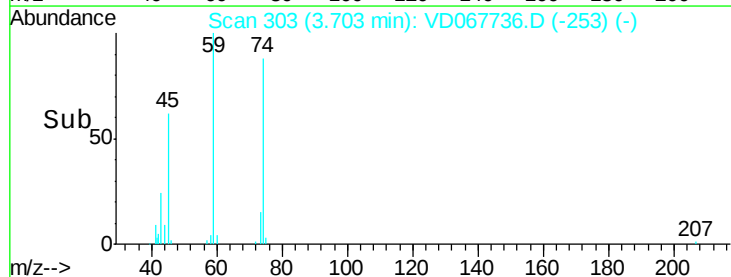
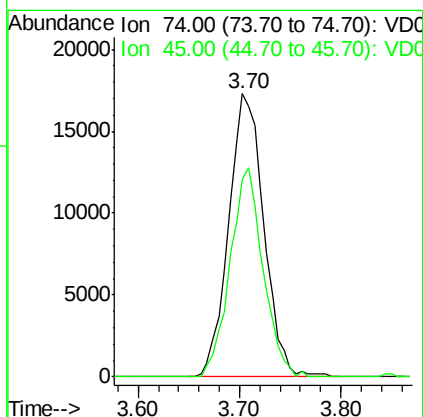
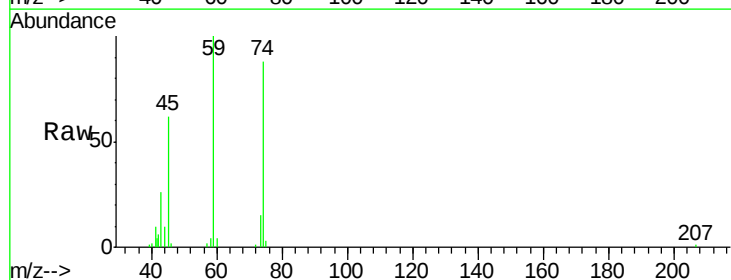
Tot Ion:101 Resp: 222317
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.3 75.5

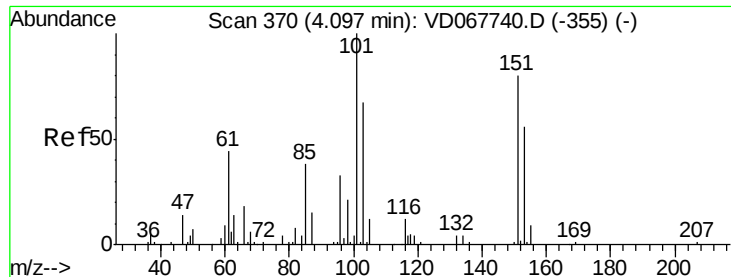


#8

Diethyl Ether
 Concen: 48.823 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Tgt Ion: 74 Resp: 41621
 Ion Ratio Lower Upper
 74 100
 45 69.1 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.749 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

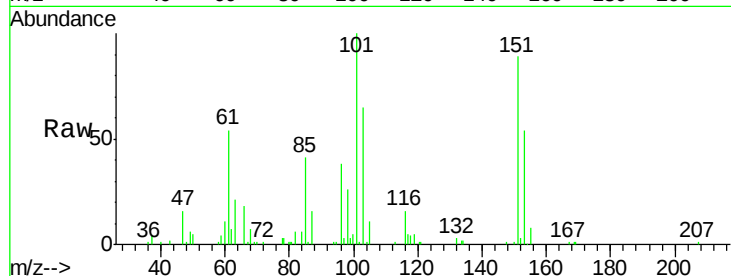
Tot Ion:101 Resp: 102610

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

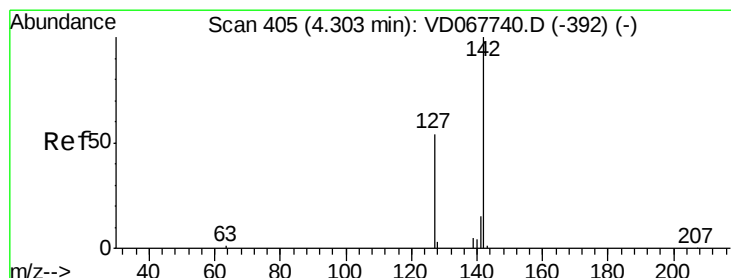
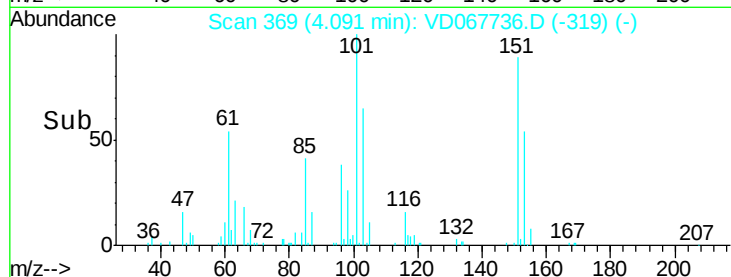
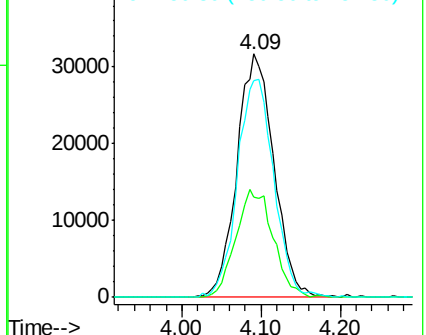
151 88.4 69.4 104.0



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: 47.548 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

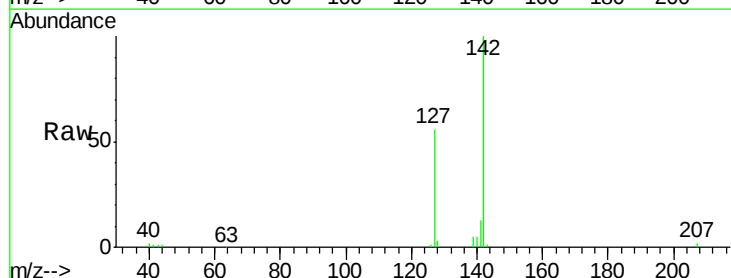
Tgt Ion:142 Resp: 98402

Ion Ratio Lower Upper

142 100

127 55.1 42.2 63.2

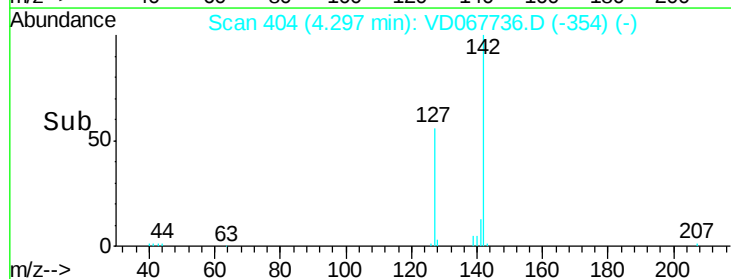
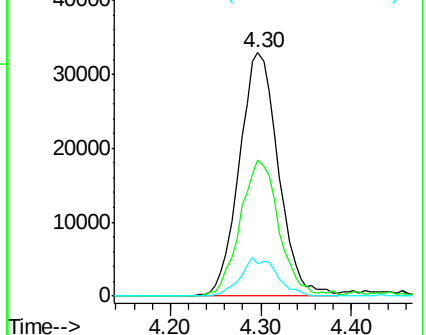
141 14.9 11.8 17.6

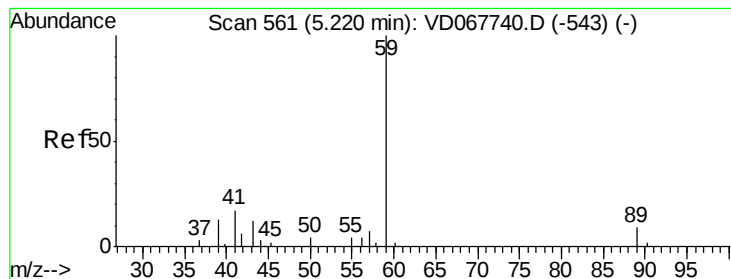


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



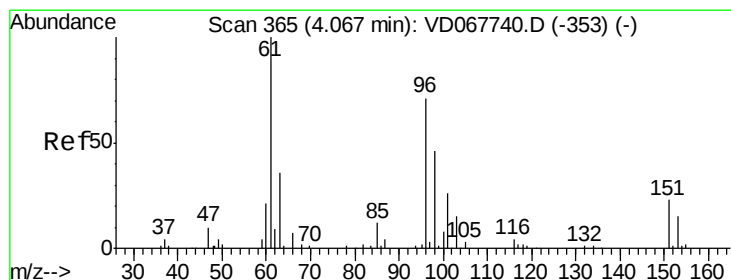
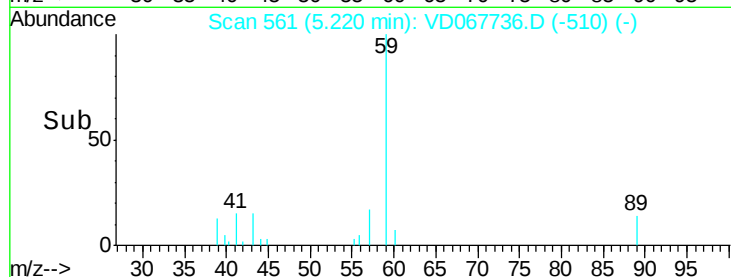
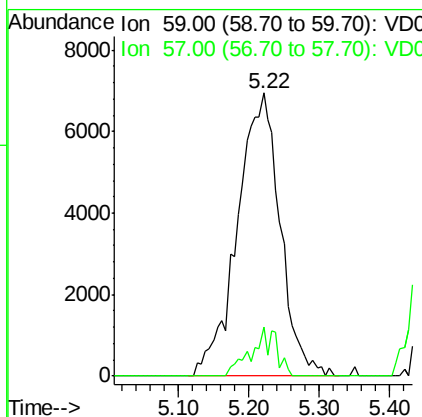
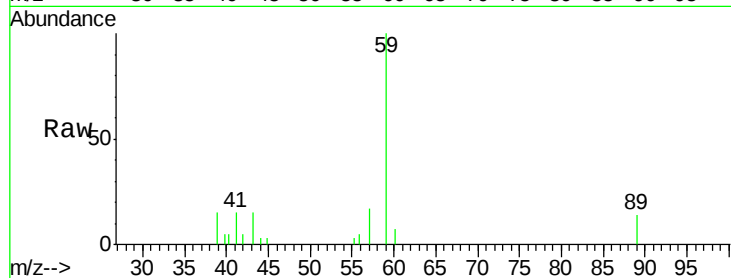


#11

Tert butyl alcohol
 Concen: 251.693 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

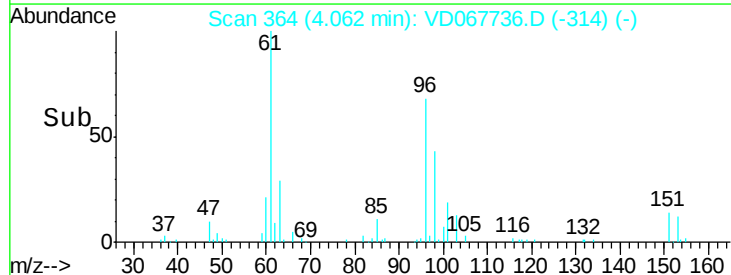
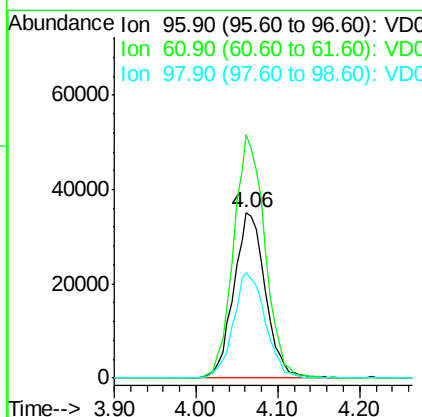
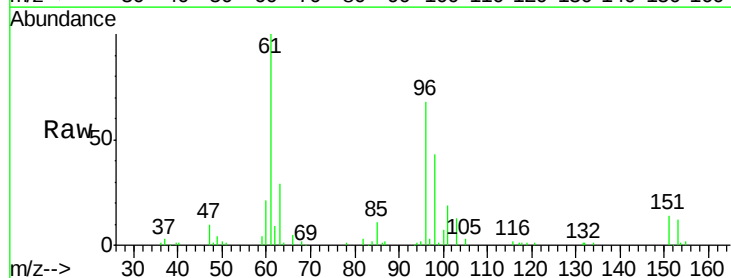
Tot Ion: 59 Resp: 29278
 Ion Ratio Lower Upper
 59 100
 57 6.5 3.4 5.0#

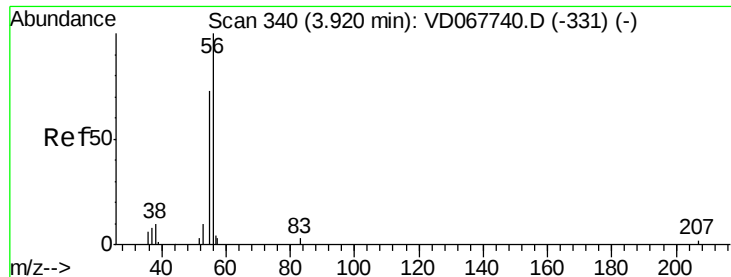


#12

1,1-Dichloroethene
 Concen: 50.498 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Tgt Ion: 96 Resp: 94477
 Ion Ratio Lower Upper
 96 100
 61 147.3 112.9 169.3
 98 64.1 52.4 78.6





#13

Acrolein

Concen: 195.414 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

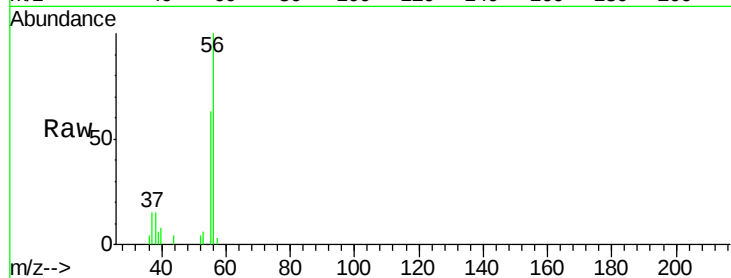
VSTD05006

Tot Ion: 56 Resp: 17950

Ion Ratio Lower Upper

56 100

55 71.4 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

8000

6000

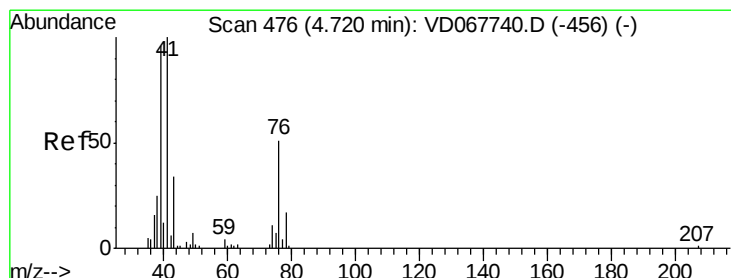
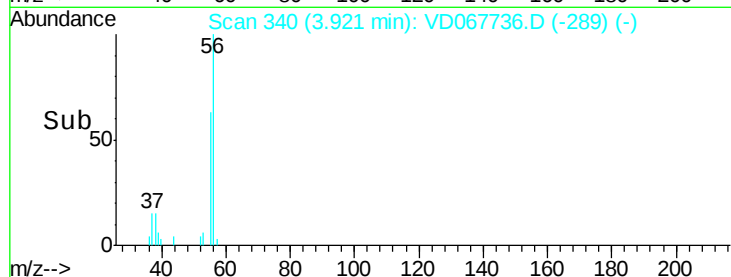
4000

2000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 50.420 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

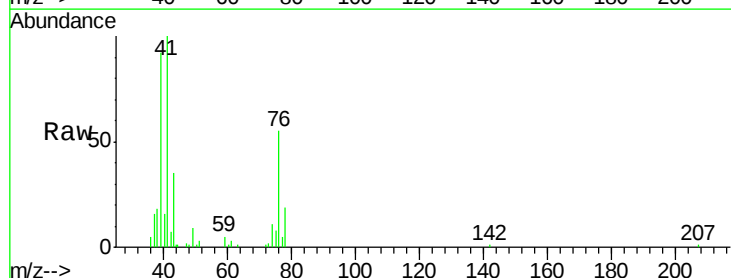
Tgt Ion: 41 Resp: 91186

Ion Ratio Lower Upper

41 100

39 96.4 74.6 111.8

76 56.4 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

40000

30000

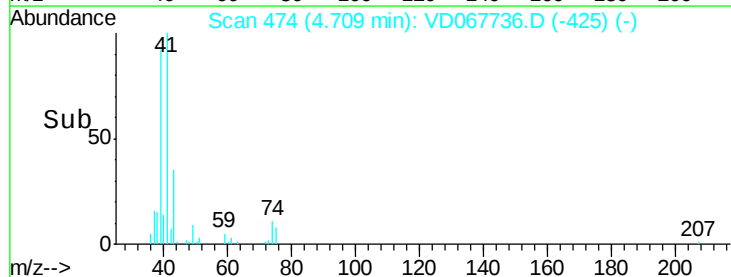
20000

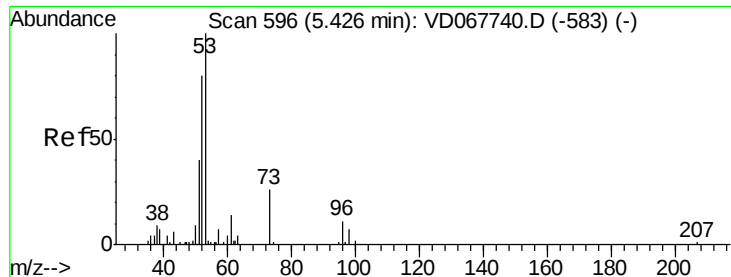
10000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 262.381 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

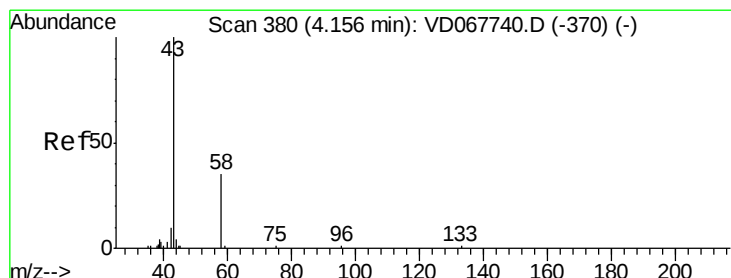
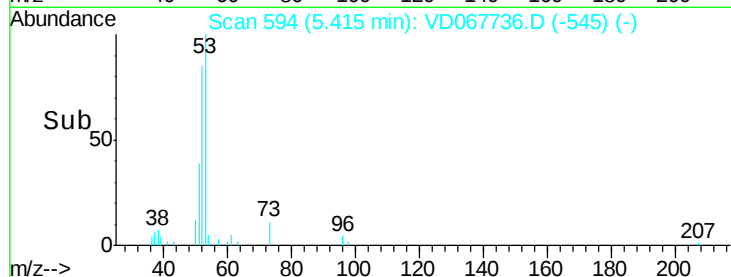
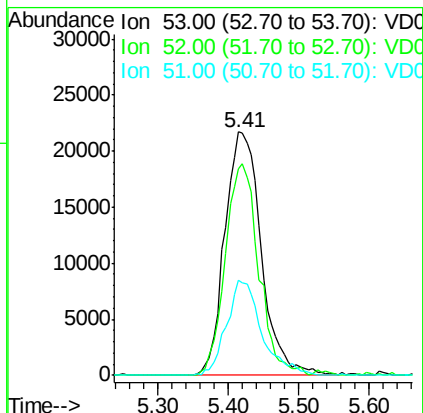
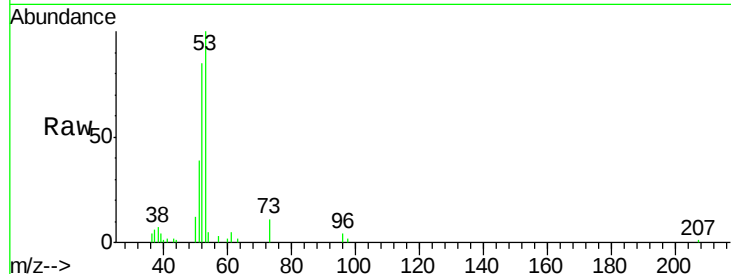
Tot Ion: 53 Resp: 77905

Ion Ratio Lower Upper

53 100

52 79.6 63.4 95.2

51 37.7 31.4 47.2



#16

Acetone

Concen: 330.215 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067736.D

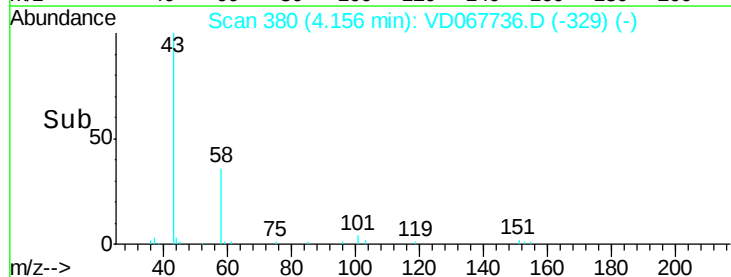
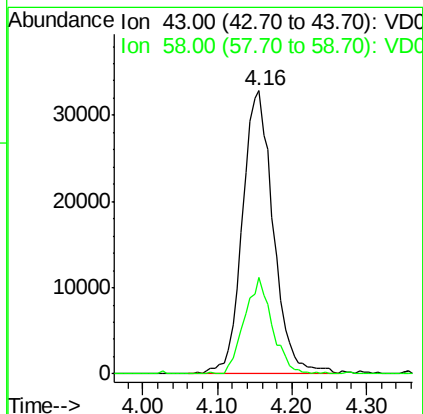
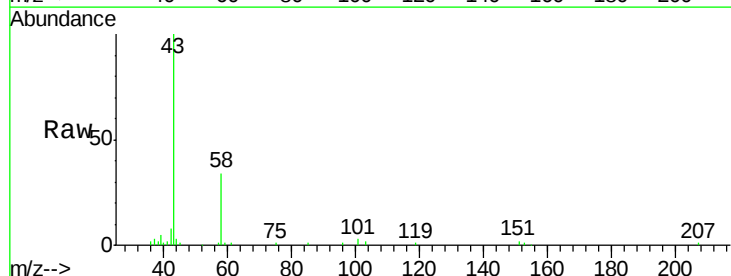
Acq: 23 Nov 2020 09:55

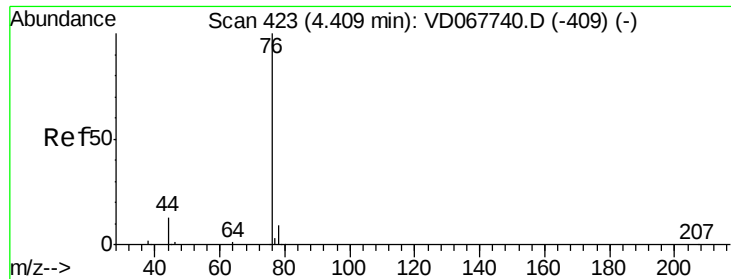
Tgt Ion: 43 Resp: 94538

Ion Ratio Lower Upper

43 100

58 34.2 27.6 41.4

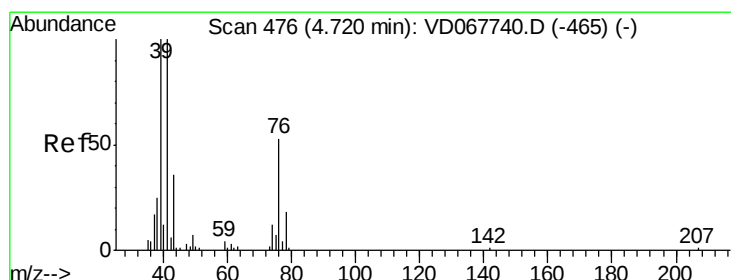
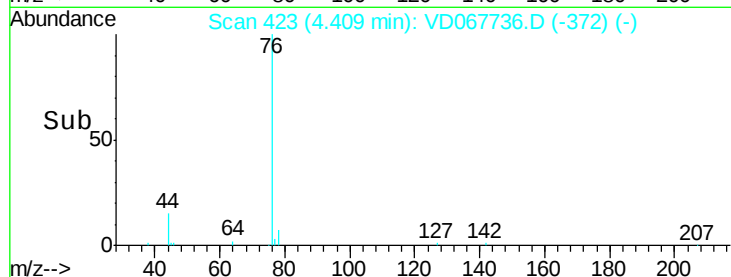
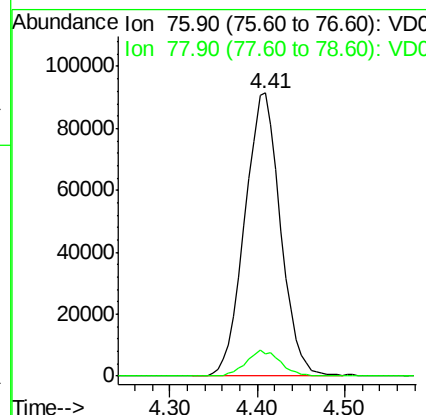
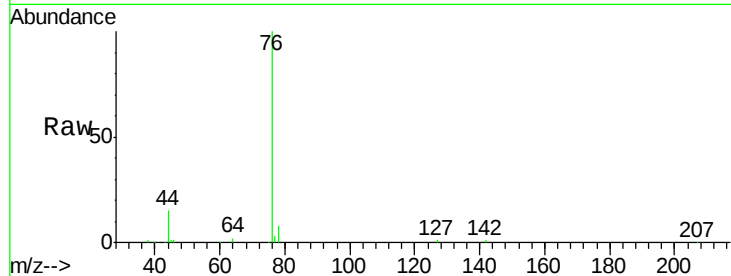




#17
Carbon Disulfide
Concen: 46.771 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

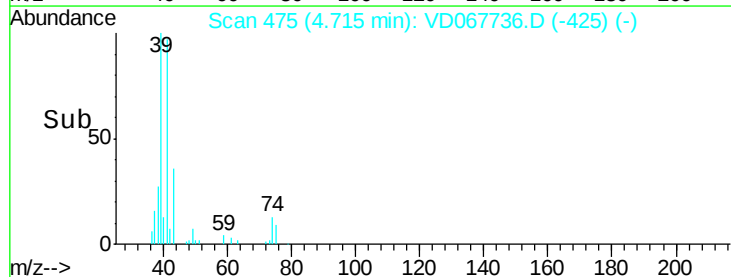
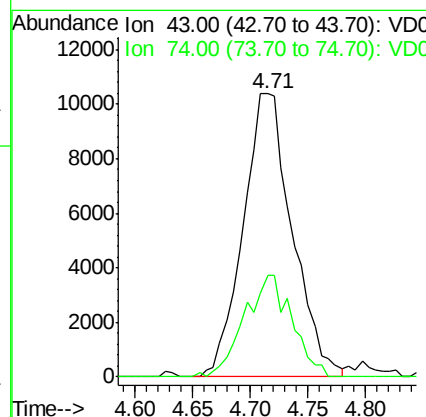
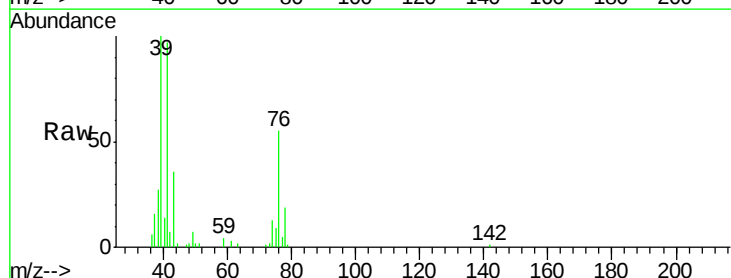
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

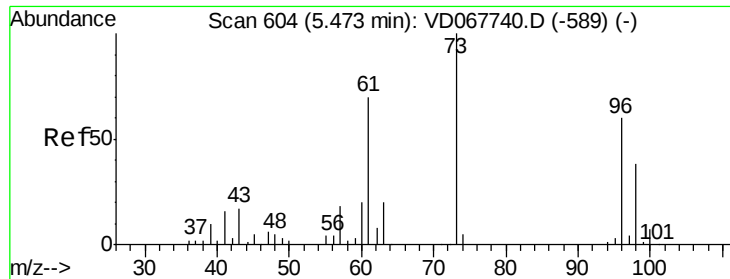
Tot Ion: 76 Resp: 253089
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 53.509 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 43 Resp: 30820
Ion Ratio Lower Upper
43 100
74 34.6 29.7 44.5

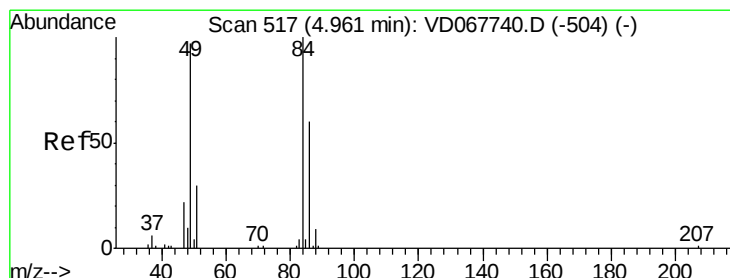
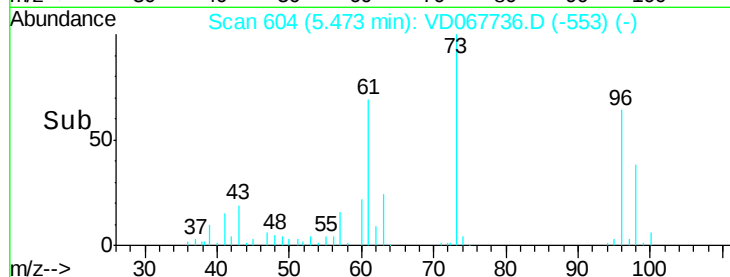
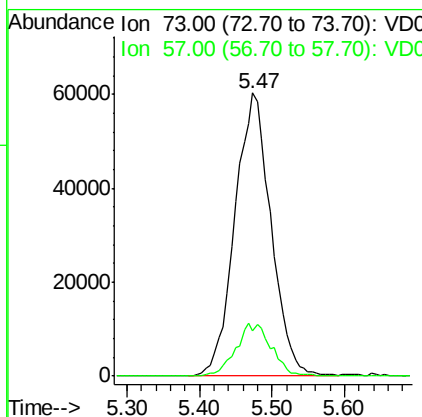
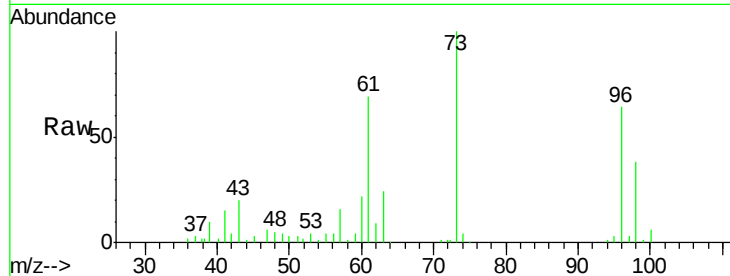




#19
Methyl tert-butyl Ether
Concen: 52.099 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

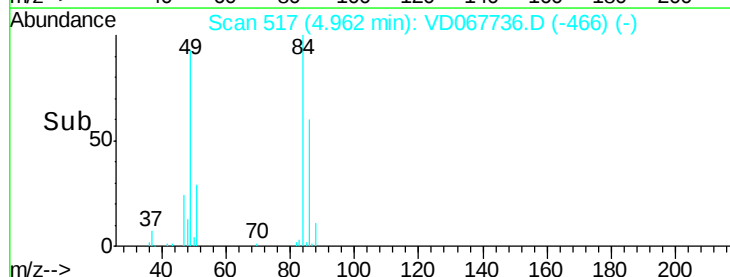
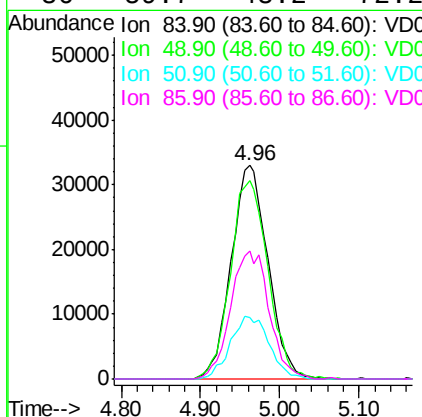
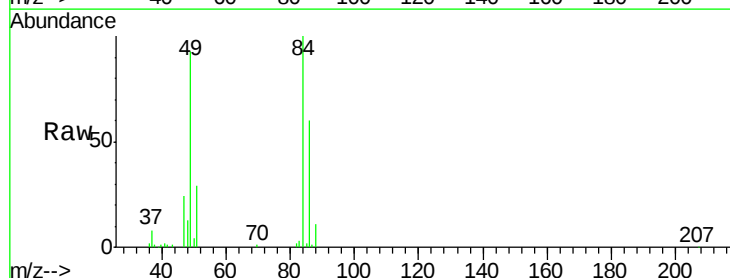
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

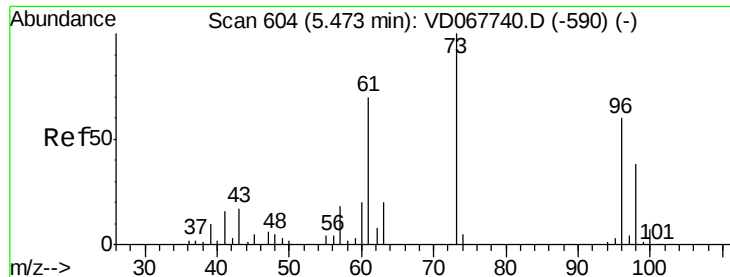
Tot Ion: 73 Resp: 208316
Ion Ratio Lower Upper
73 100
57 16.2 14.8 22.2



#20
Methylene Chloride
Concen: 48.936 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 84 Resp: 106367
Ion Ratio Lower Upper
84 100
49 93.2 77.4 116.2
51 28.8 24.1 36.1
86 59.7 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 51.428 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

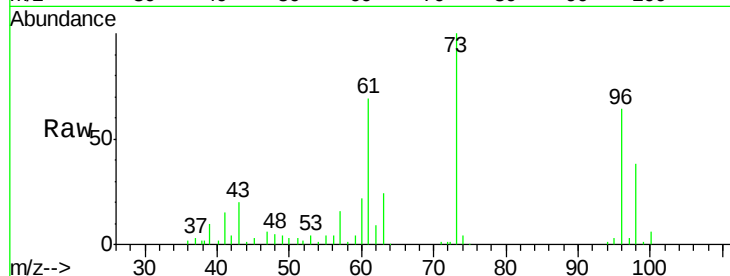
Tot Ion: 96 Resp: 109390

Ion Ratio Lower Upper

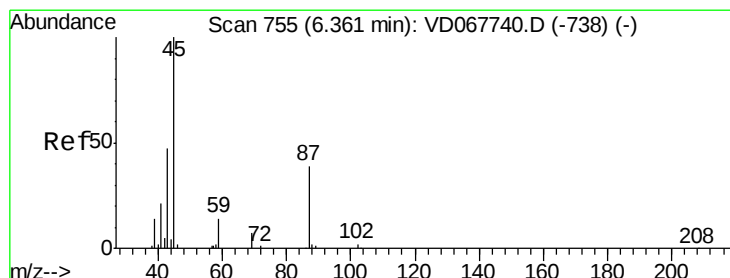
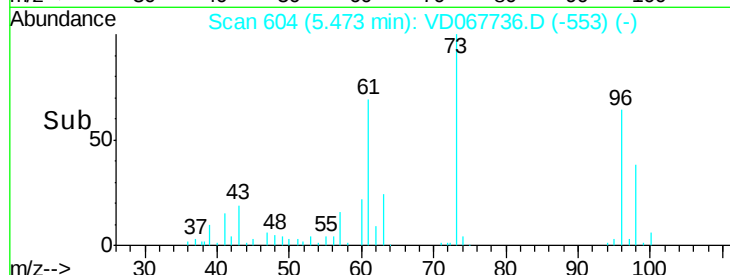
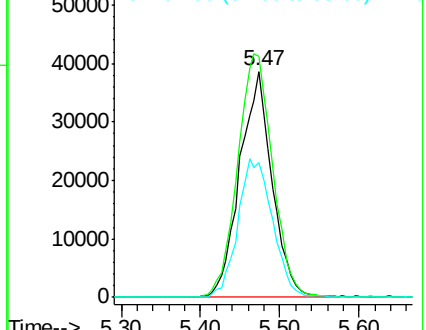
96 100

61 106.8 94.0 141.0

98 59.8 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: 53.551 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Tgt Ion: 45 Resp: 191173

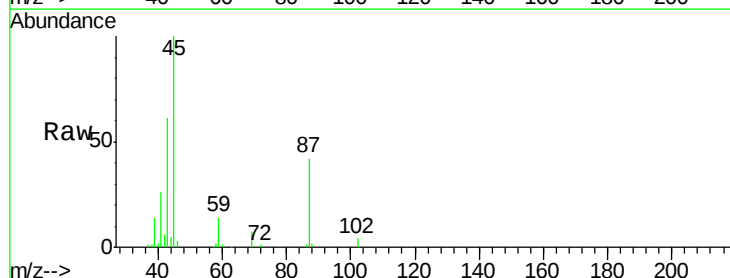
Ion Ratio Lower Upper

45 100

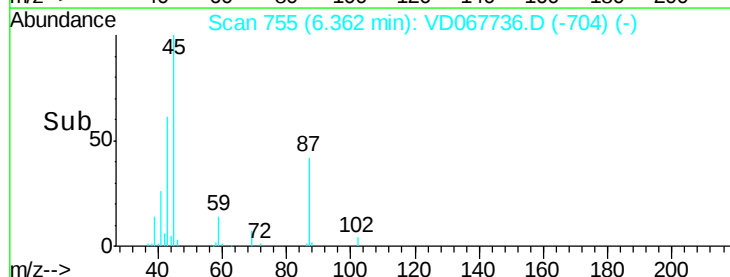
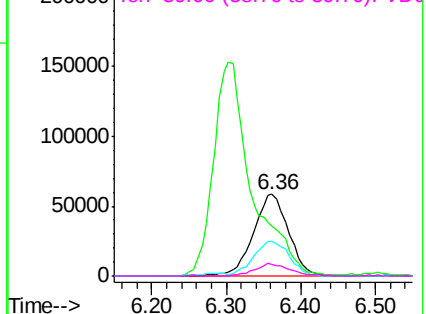
43 60.4 46.8 70.2

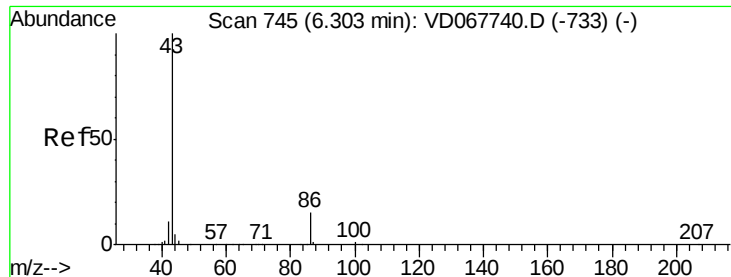
87 41.4 32.9 49.3

59 13.4 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: 270.842 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

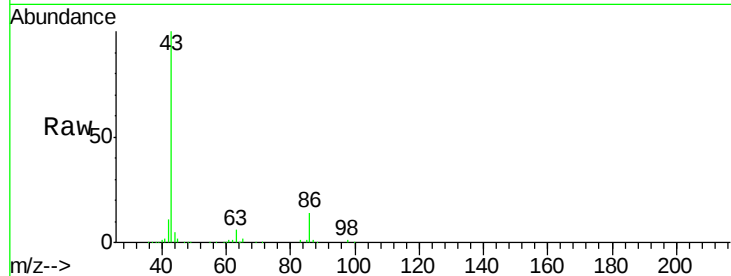
VSTD05006

Tot Ion: 43 Resp: 545412

Ion Ratio Lower Upper

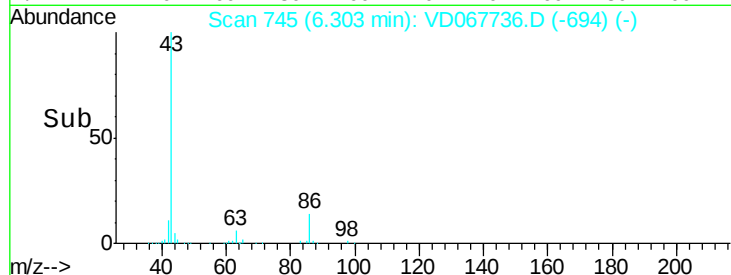
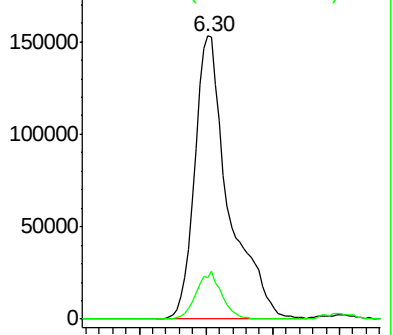
43 100

86 14.4 11.7 17.5

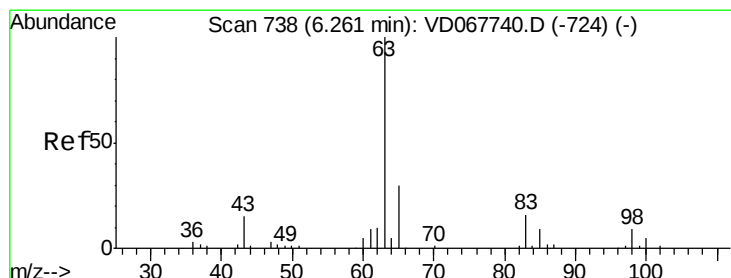


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 53.454 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

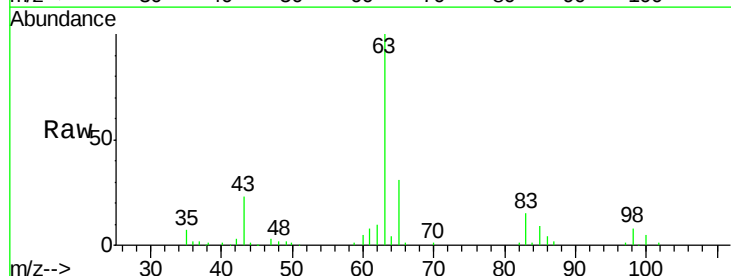
Tgt Ion: 63 Resp: 161786

Ion Ratio Lower Upper

63 100

98 8.1 4.4 13.2

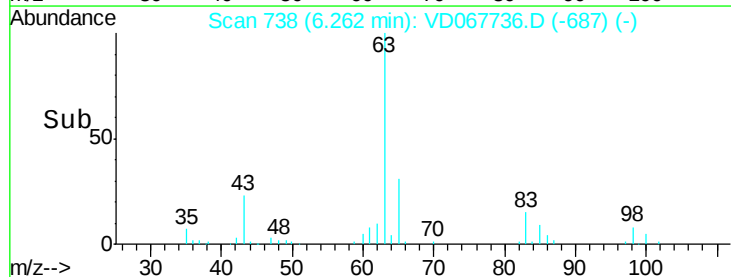
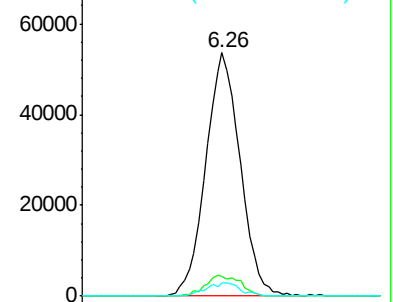
100 5.4 2.6 8.0



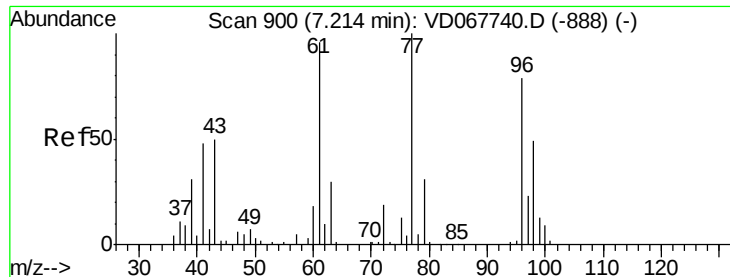
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->



#25

2-Butanone

Concen: 267.345 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

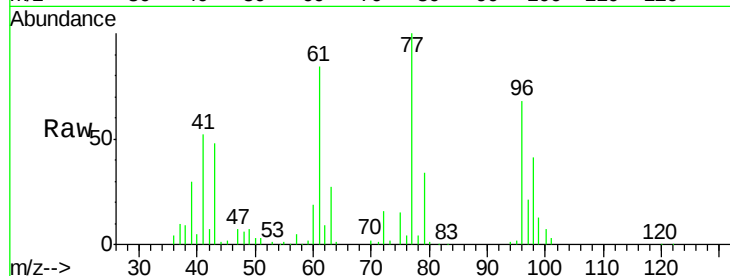
VSTD05006

Tot Ion: 43 Resp: 85888

Ion Ratio Lower Upper

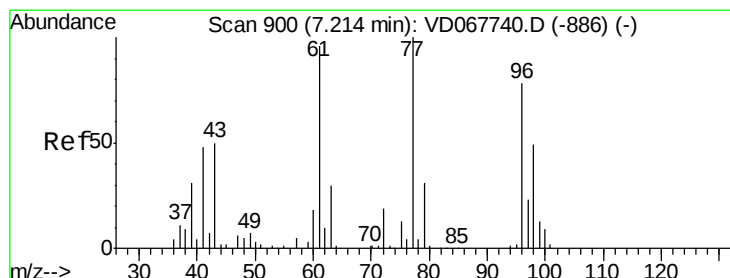
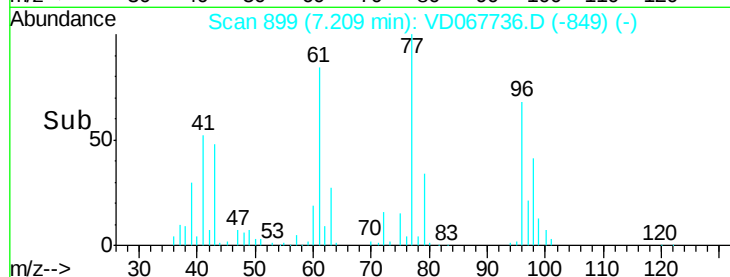
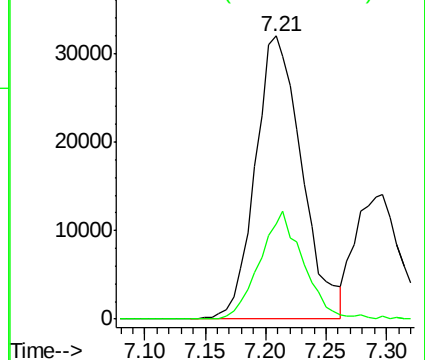
43 100

72 33.6 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 54.502 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067736.D

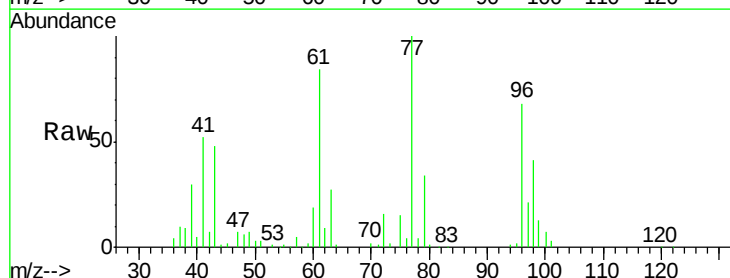
Acq: 23 Nov 2020 09:55

Tgt Ion: 77 Resp: 194608

Ion Ratio Lower Upper

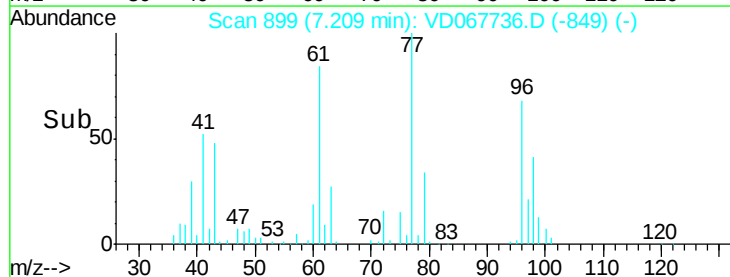
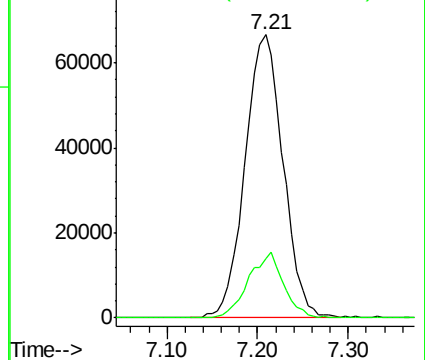
77 100

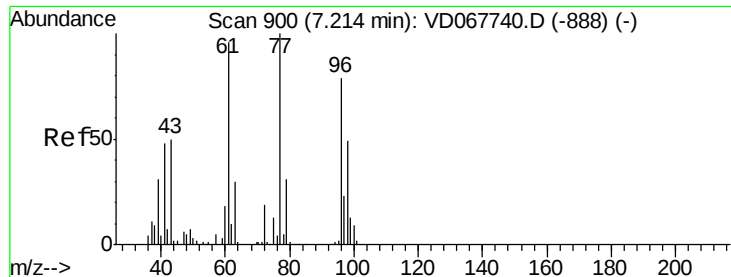
97 21.5 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



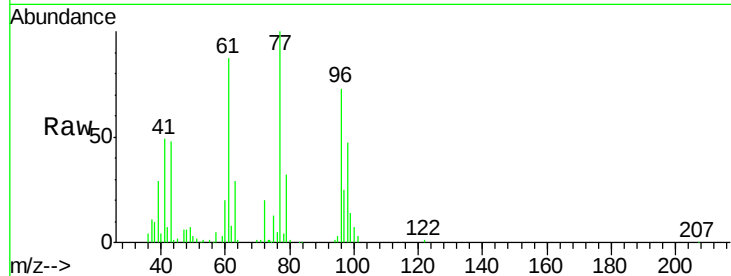


#27

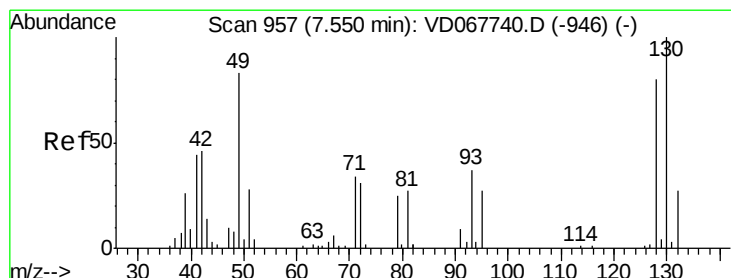
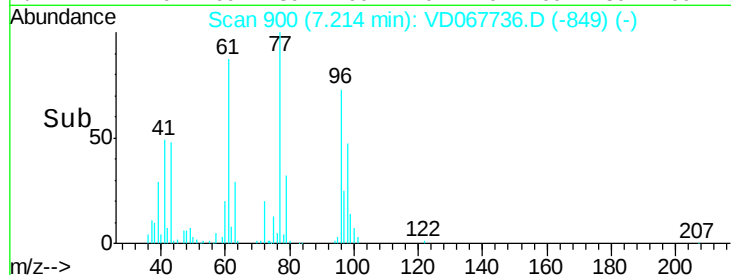
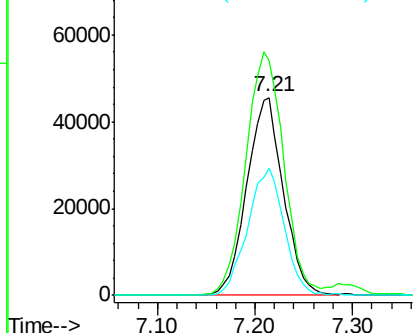
cis-1,2-Dichloroethene
Concen: 52.808 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Instrument :
MSVOA_D
ClientSampled :
VSTD05006

Tot Ion: 96 Resp: 119726
Ion Ratio Lower Upper
96 100
61 127.9 0.0 258.0
98 64.3 0.0 131.8



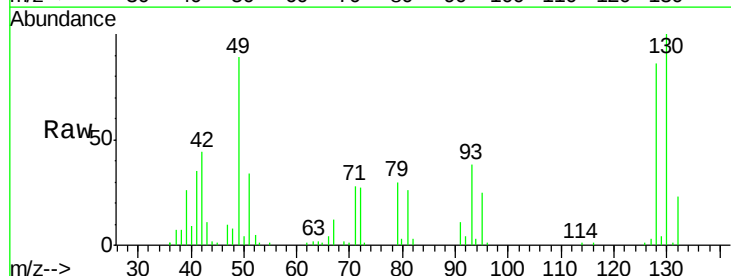
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



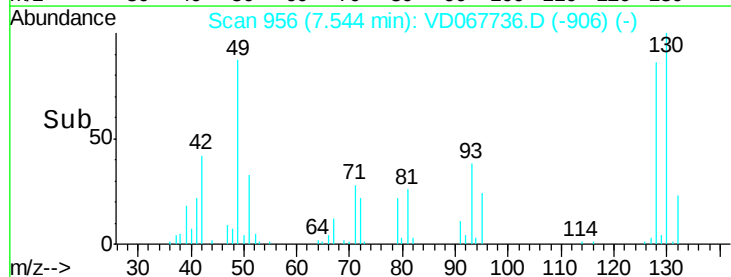
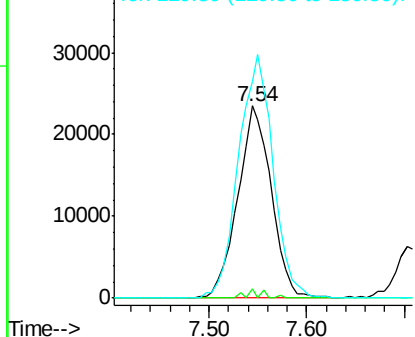
#28

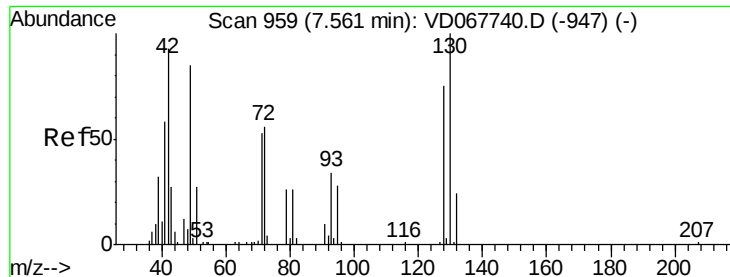
Bromochloromethane
Concen: 58.125 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 49 Resp: 56353
Ion Ratio Lower Upper
49 100
129 1.7 0.0 7.0
130 130.5 102.2 153.4



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

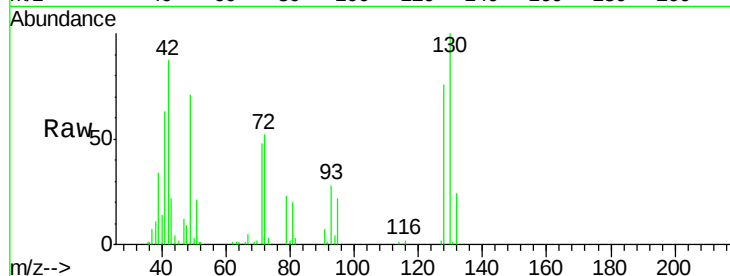




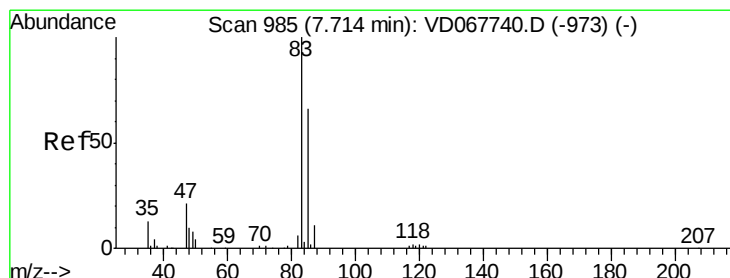
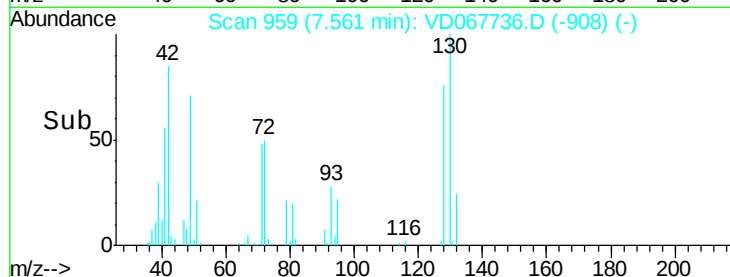
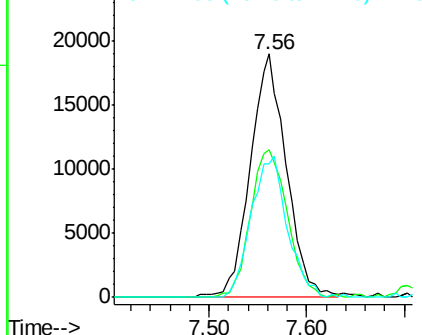
#29
Tetrahydrofuran
Concen: 268.711 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 42 Resp: 49082
Ion Ratio Lower Upper
42 100
72 62.1 49.3 73.9
71 58.0 45.9 68.9

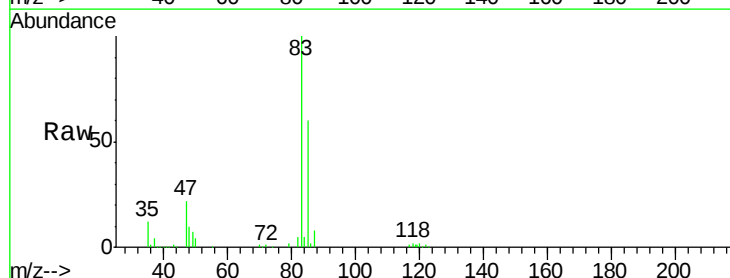


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

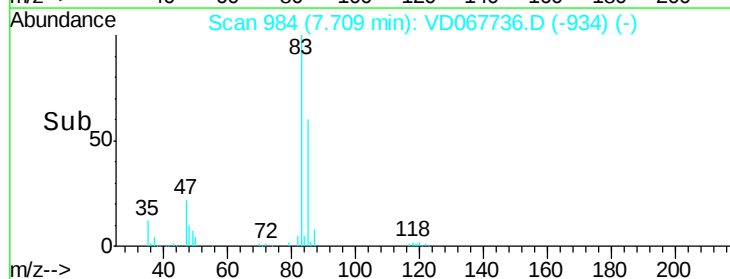
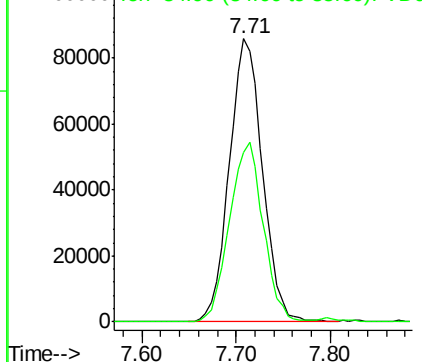


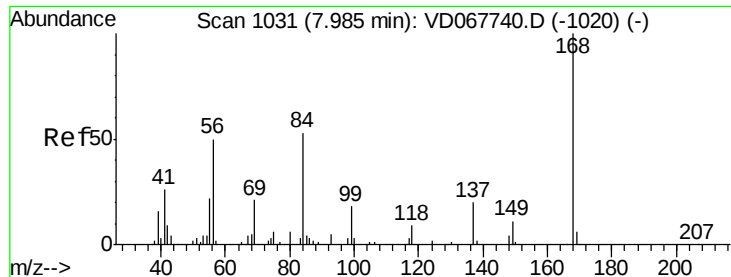
#30
Chloroform
Concen: 53.108 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 83 Resp: 210194
Ion Ratio Lower Upper
83 100
85 60.1 53.1 79.7



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

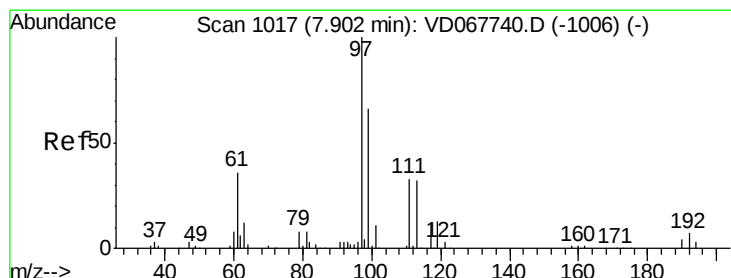
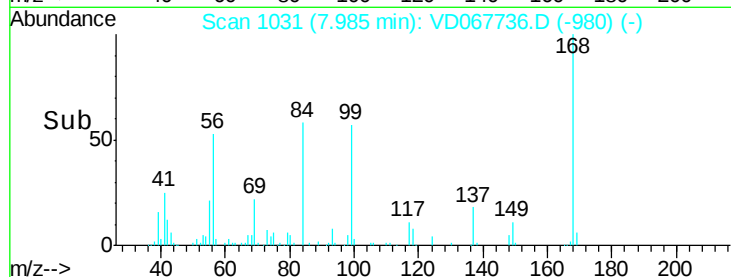
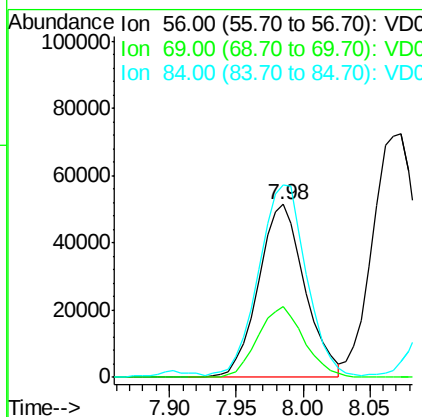
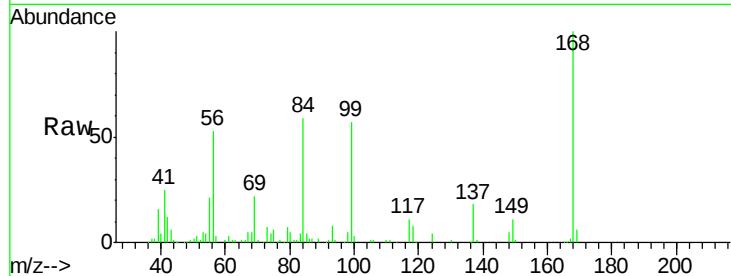




#31
Cyclohexane
Concen: 46.394 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

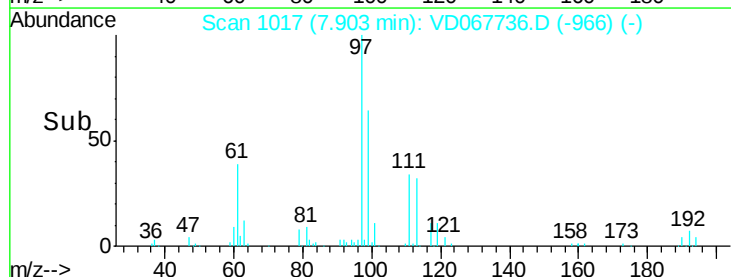
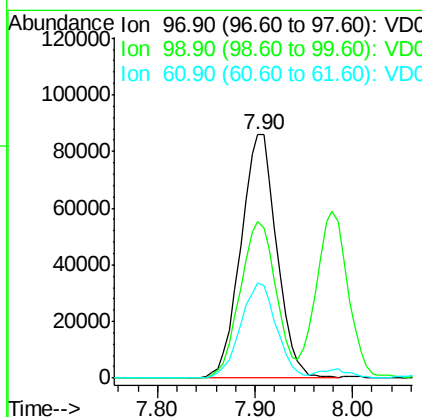
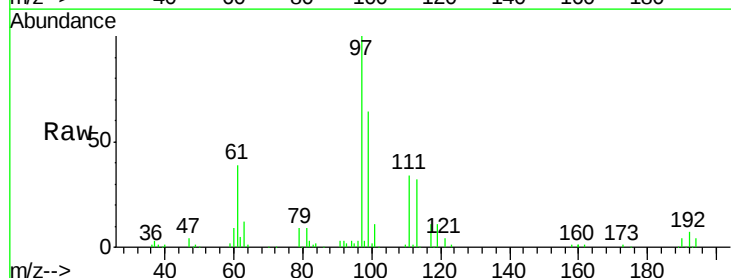
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

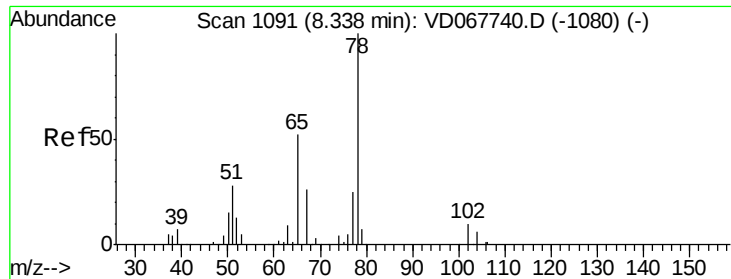
Tot Ion: 56 Resp: 124402
Ion Ratio Lower Upper
56 100
69 41.2 33.2 49.8
84 109.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 53.035 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 97 Resp: 222302
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 38.9 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 46.203 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

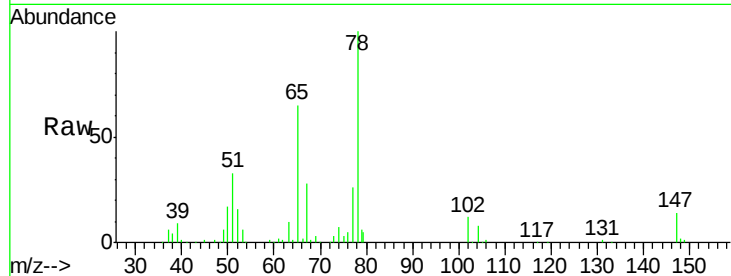
VSTD05006

Tot Ion: 65 Resp: 102390

Ion Ratio Lower Upper

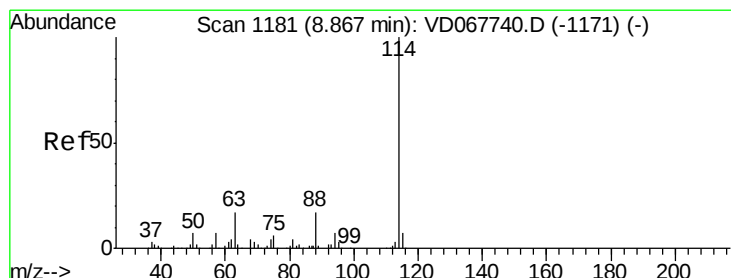
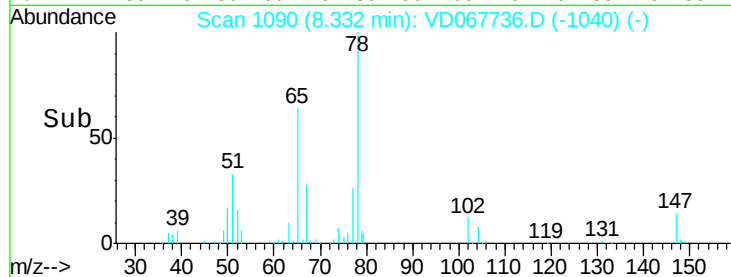
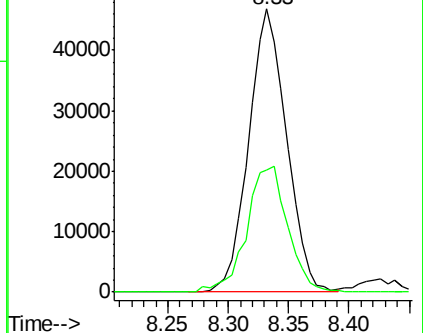
65 100

67 48.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

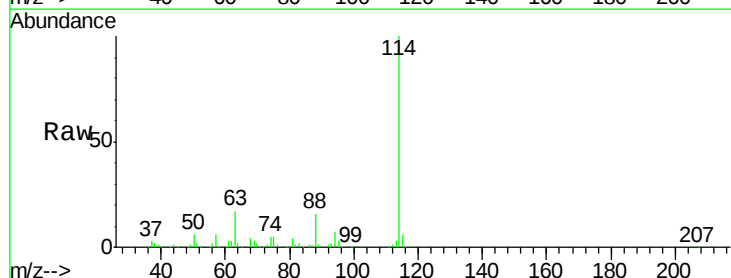
Tgt Ion: 114 Resp: 323453

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.8

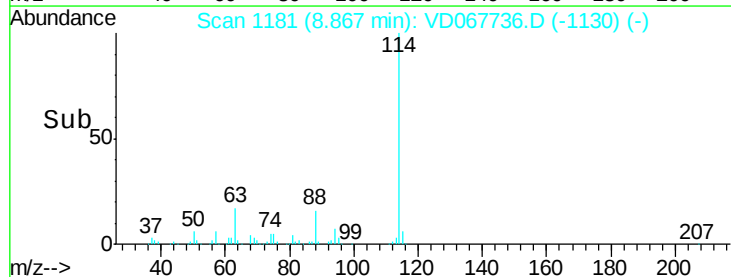
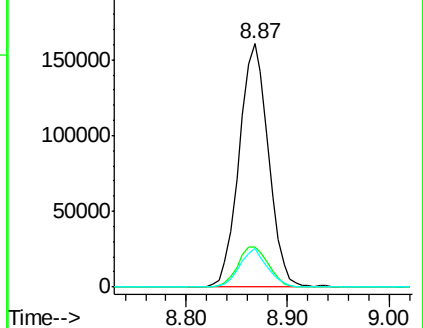
88 16.0 0.0 34.4

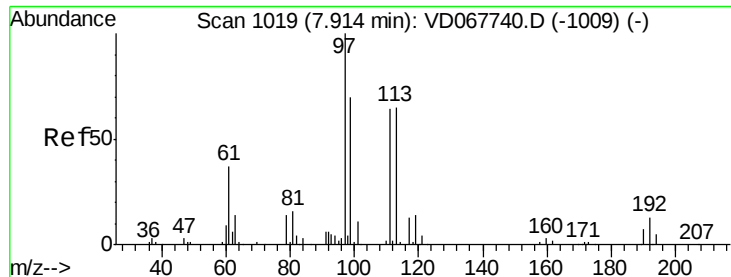


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

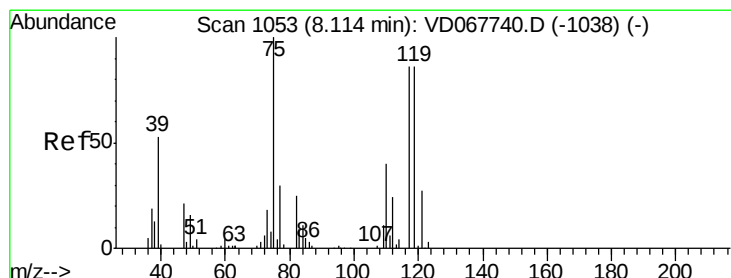
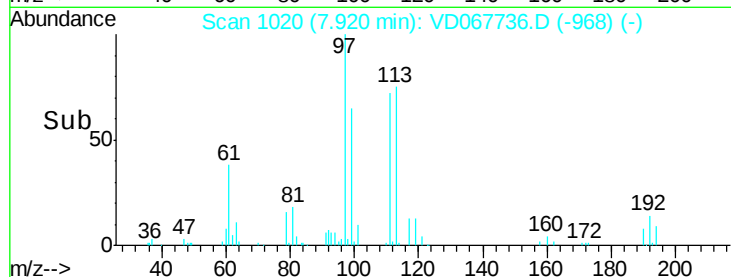
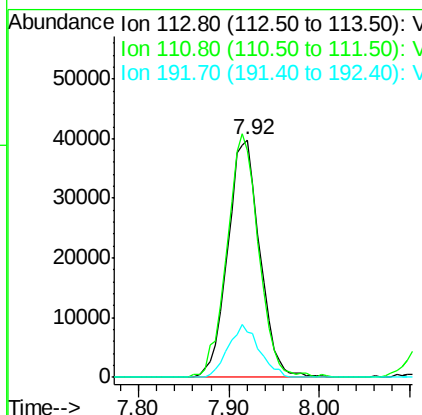
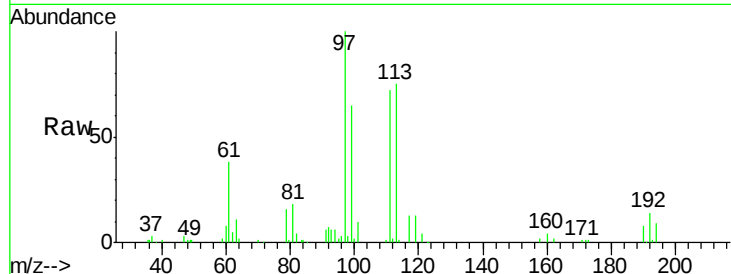




#35
Dibromofluoromethane
Concen: 47.509 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

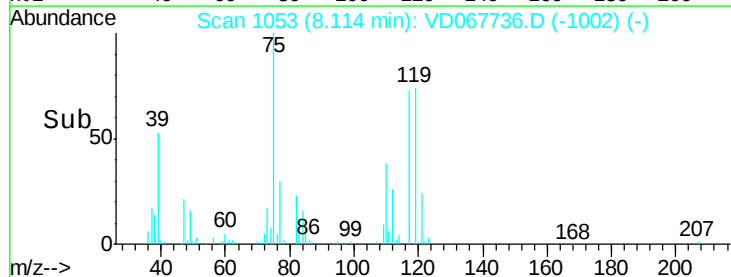
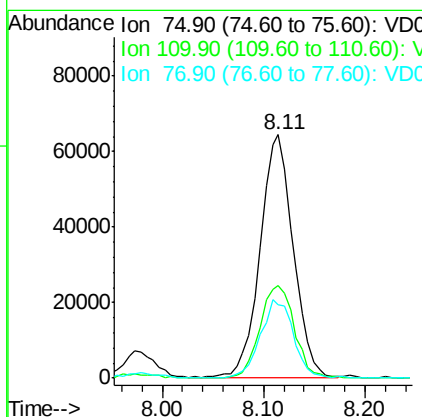
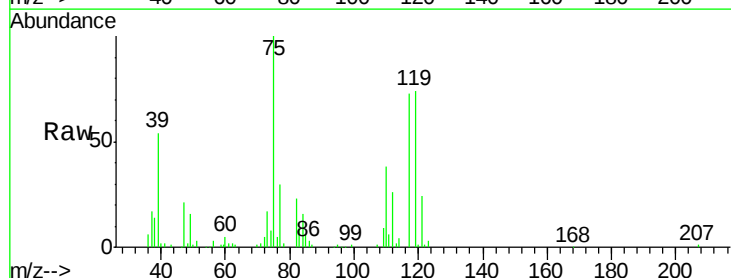
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

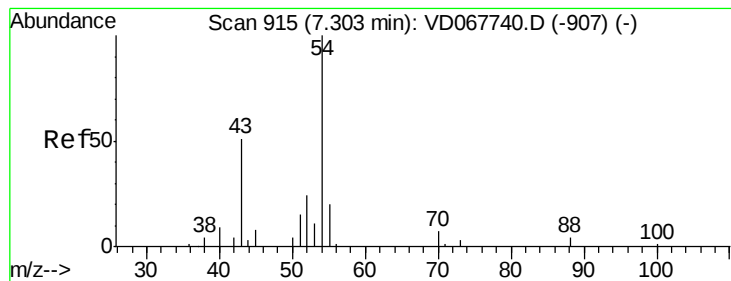
Tot Ion:113 Resp: 97795
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 21.5 17.0 25.4



#36
1,1-Dichloropropene
Concen: 52.933 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 75 Resp: 146919
Ion Ratio Lower Upper
75 100
110 39.4 20.1 60.2
77 32.1 24.8 37.2





#37

Ethyl Acetate

Concen: 50.389 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

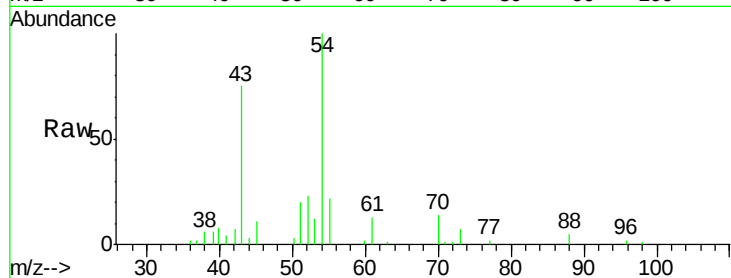
Tot Ion: 43 Resp: 37607

Ion Ratio Lower Upper

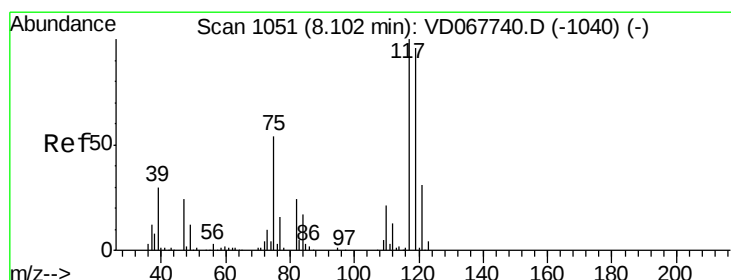
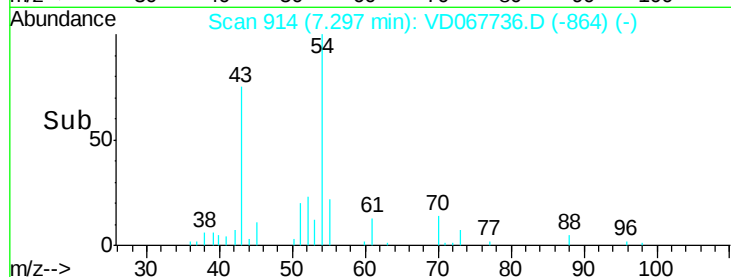
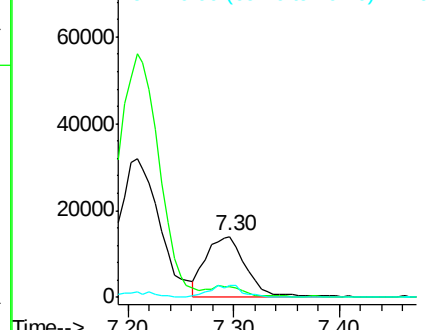
43 100

61 13.6 12.9 19.3

70 15.9 12.2 18.2



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



#38

Carbon Tetrachloride

Concen: 53.826 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

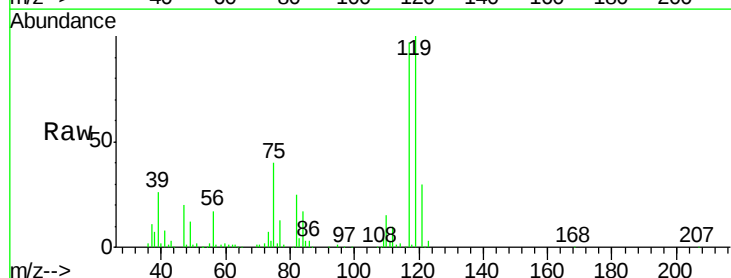
Tgt Ion: 117 Resp: 216561

Ion Ratio Lower Upper

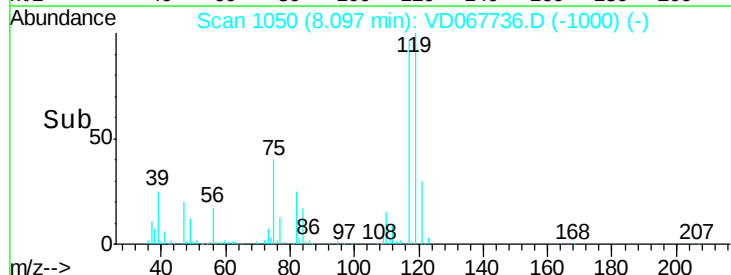
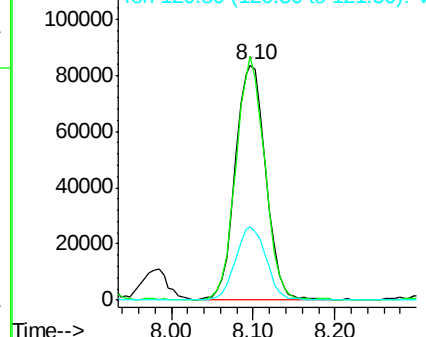
117 100

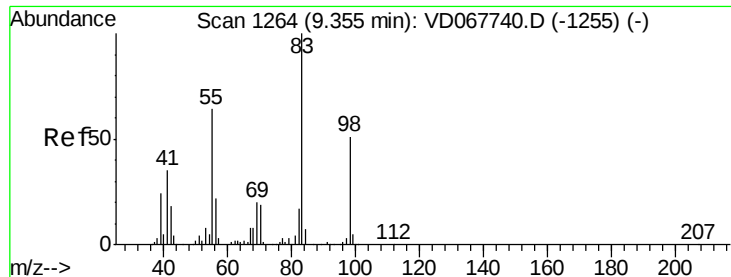
119 103.5 76.6 115.0

121 31.0 24.5 36.7



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

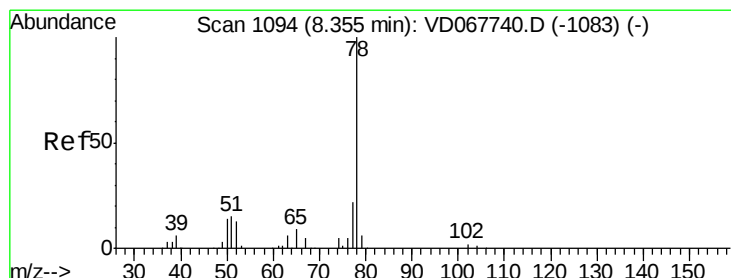
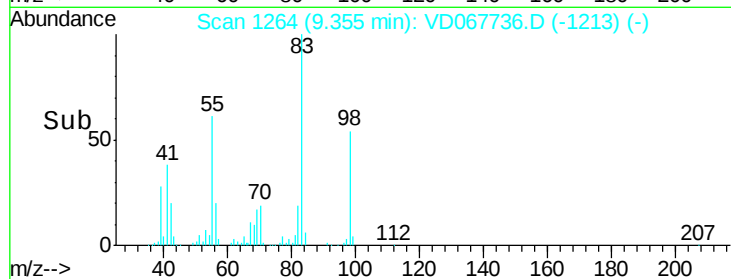
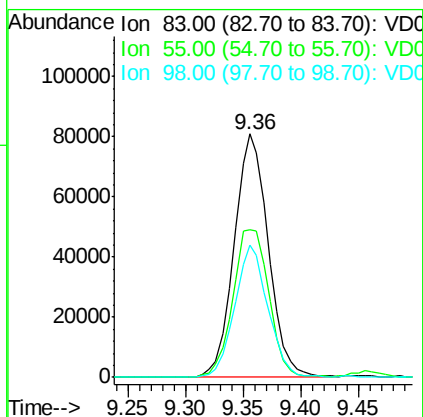
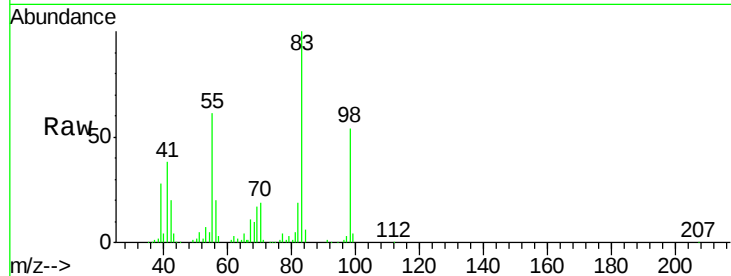




#39
Methvlcvclohexane
Concen: 50.324 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

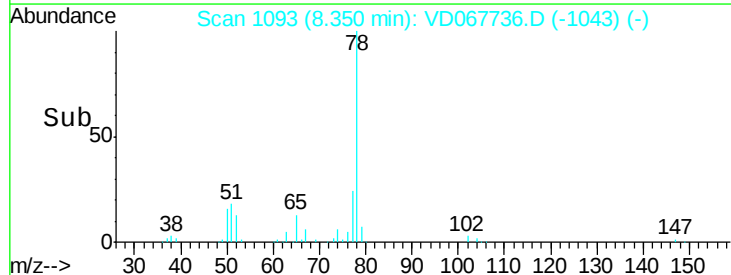
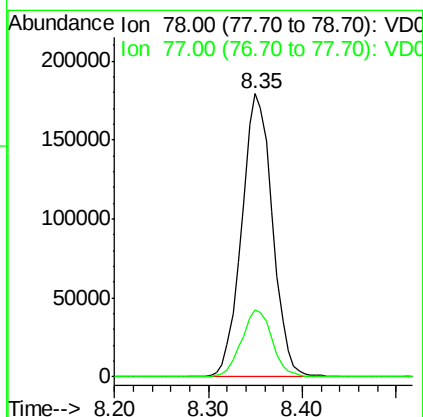
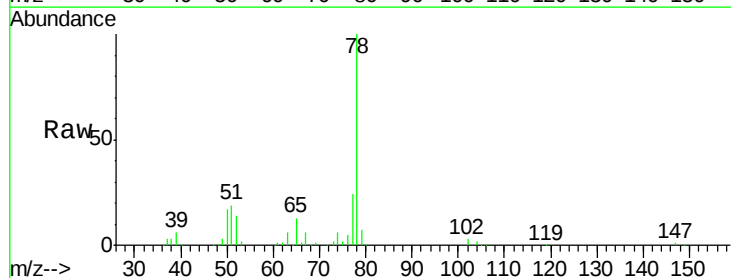
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

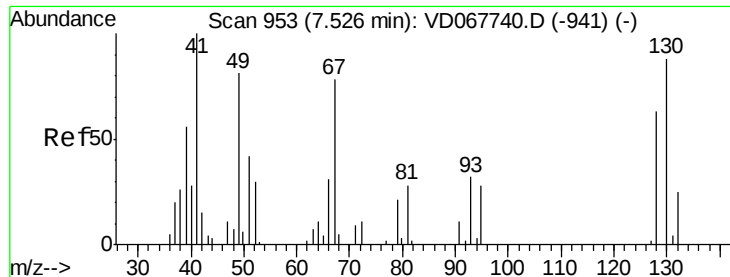
Tot Ion: 83 Resp: 165300
Ion Ratio Lower Upper
83 100
55 60.7 51.0 76.4
98 54.2 40.4 60.6



#40
Benzene
Concen: 53.273 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 78 Resp: 406104
Ion Ratio Lower Upper
78 100
77 23.9 17.8 26.6

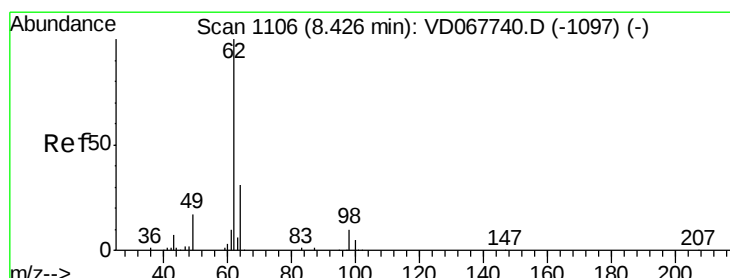
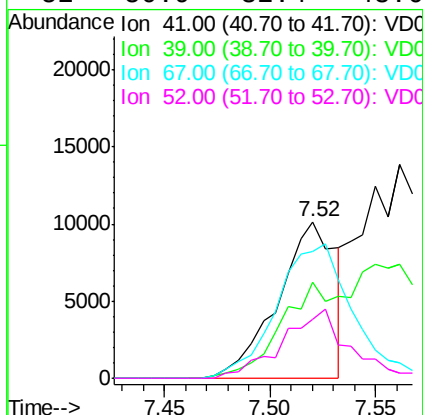
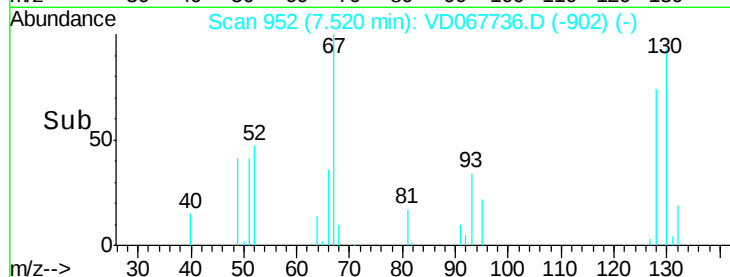
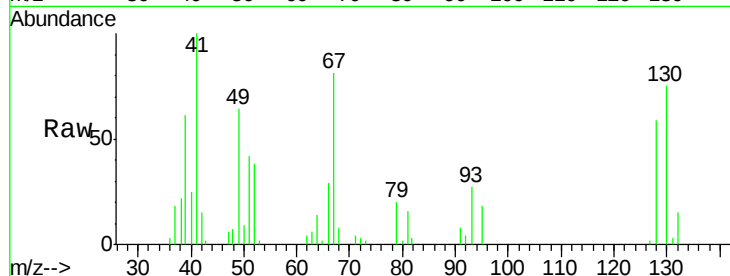




#41
Methacrylonitrile
Concen: 51.036 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

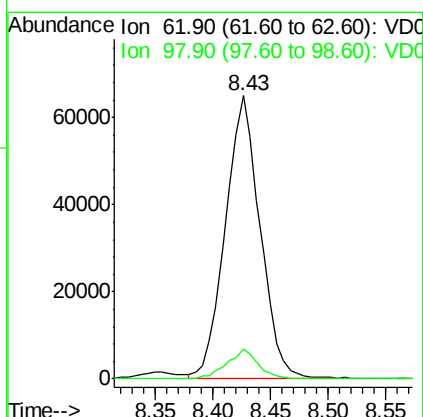
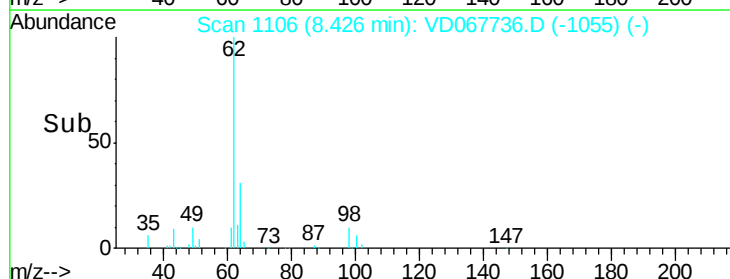
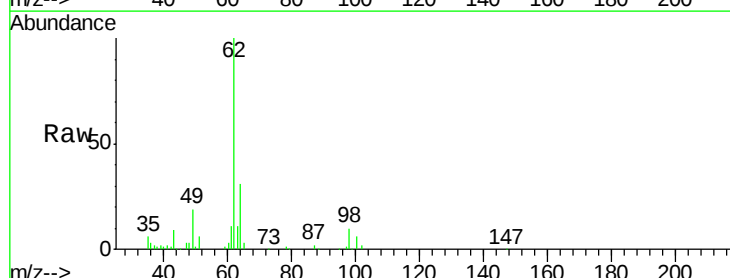
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

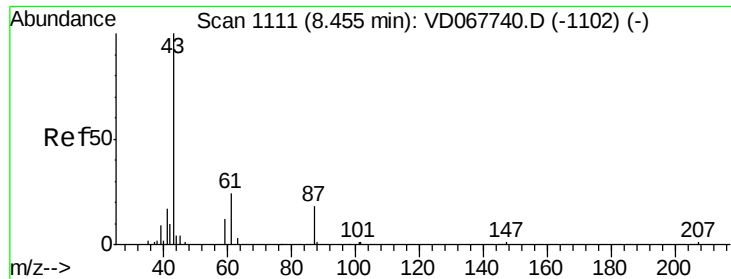
Tot Ion: 41 Resp: 19450
Ion Ratio Lower Upper
41 100
39 49.0 50.2 75.4#
67 111.5 79.0 118.6
52 50.9 32.4 48.6#



#42
1,2-Dichloroethane
Concen: 52.221 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 62 Resp: 135071
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.2





#43

Isopropyl Acetate

Concen: 50.071 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

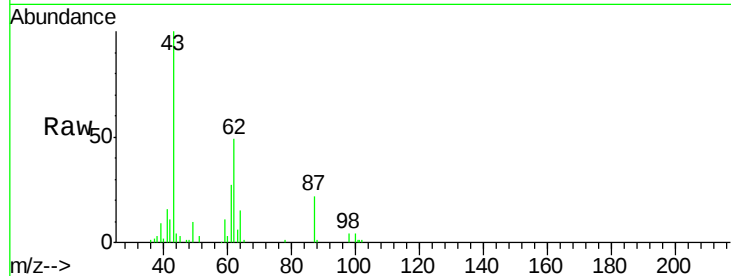
Tot Ion: 43 Resp: 74628

Ion Ratio Lower Upper

43 100

61 41.2 30.2 45.4

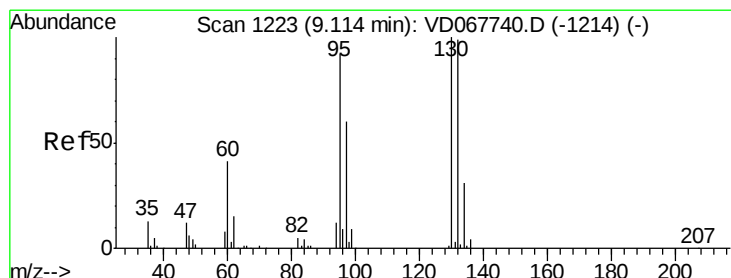
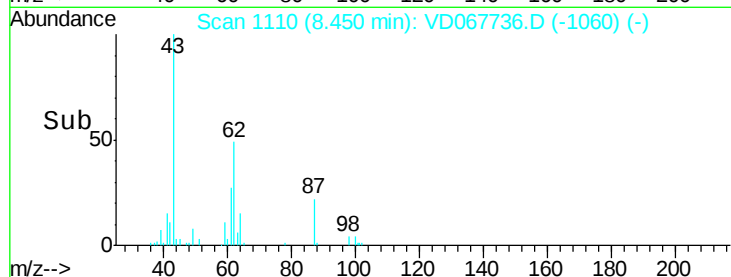
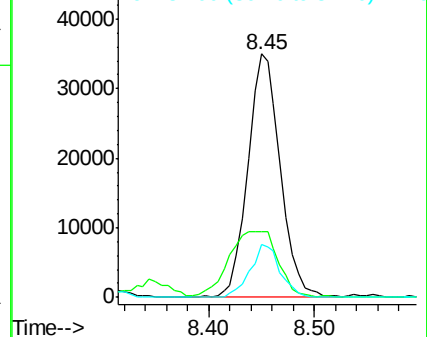
87 20.0 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.750 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067736.D

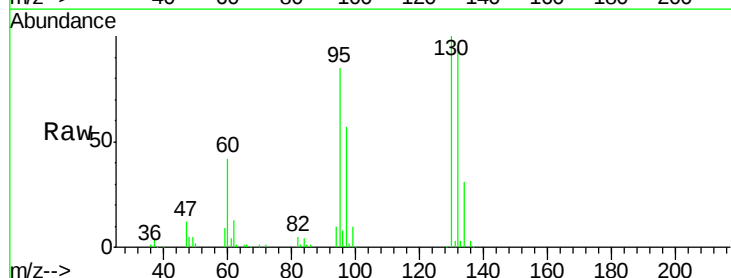
Acq: 23 Nov 2020 09:55

Tgt Ion: 130 Resp: 133273

Ion Ratio Lower Upper

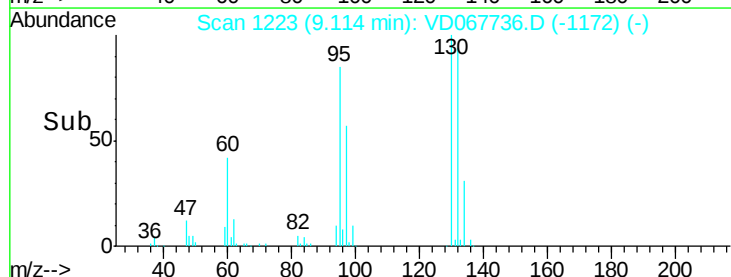
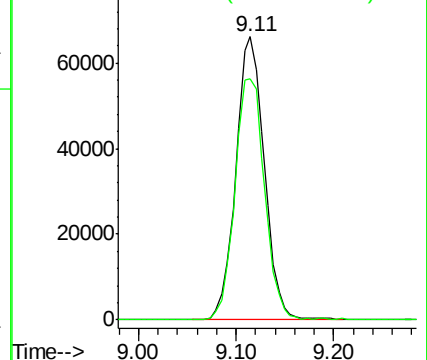
130 100

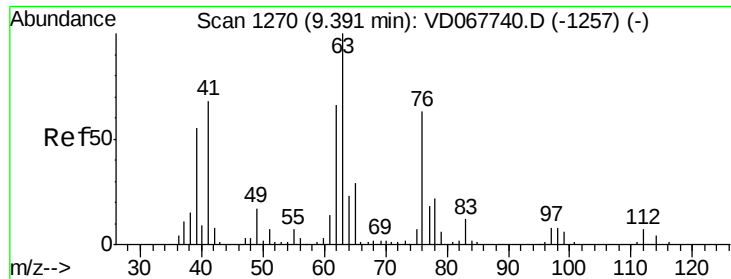
95 85.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.159 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

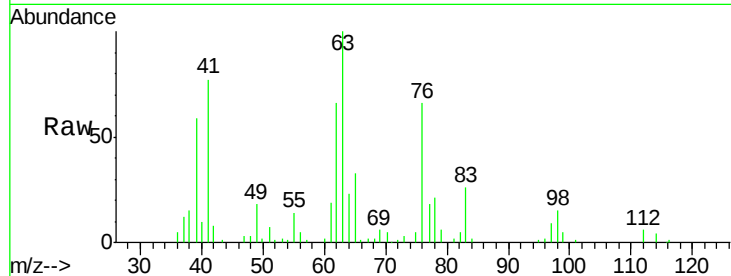
VSTD05006

Tot Ion: 63 Resp: 81585

Ion Ratio Lower Upper

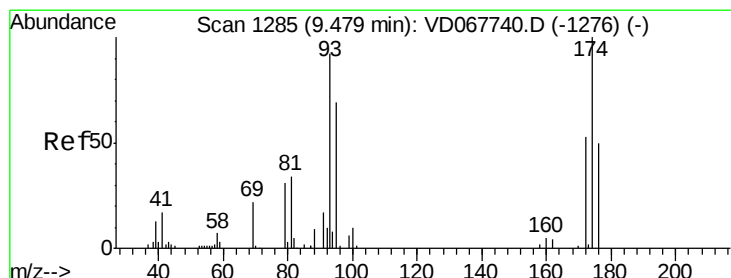
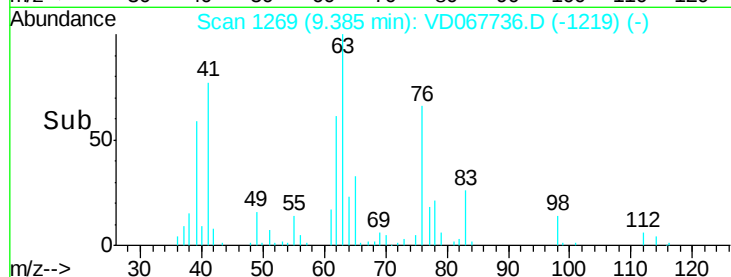
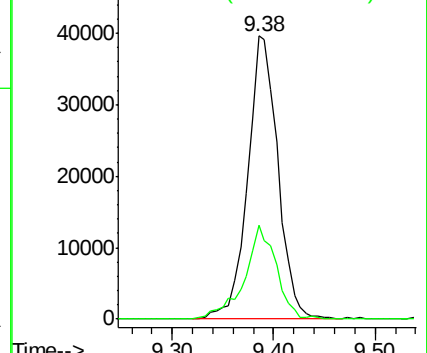
63 100

65 33.2 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: 51.787 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

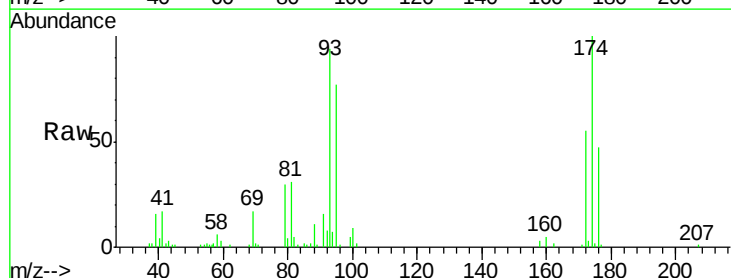
Tgt Ion: 93 Resp: 55148

Ion Ratio Lower Upper

93 100

95 86.3 63.4 95.2

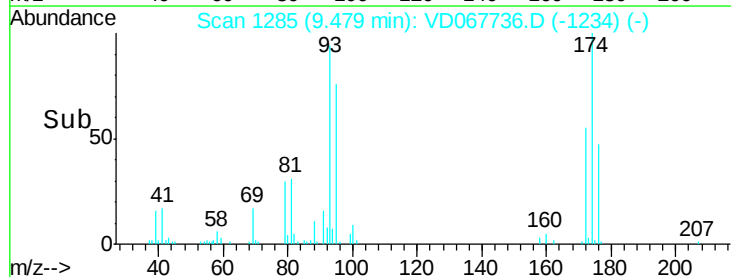
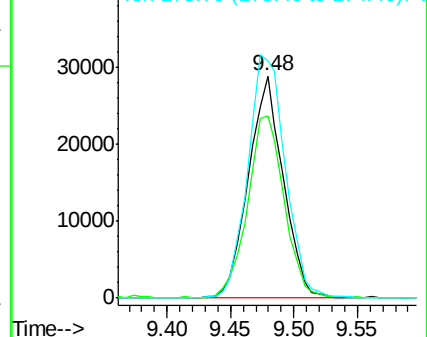
174 118.3 89.6 134.4

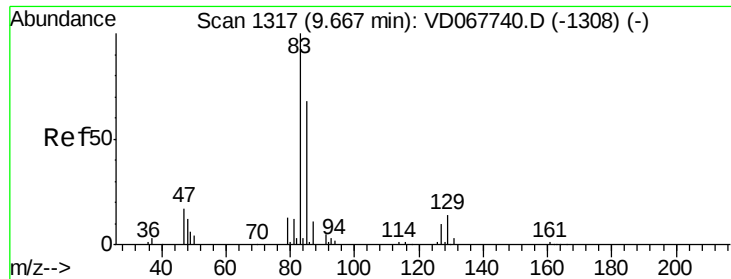


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

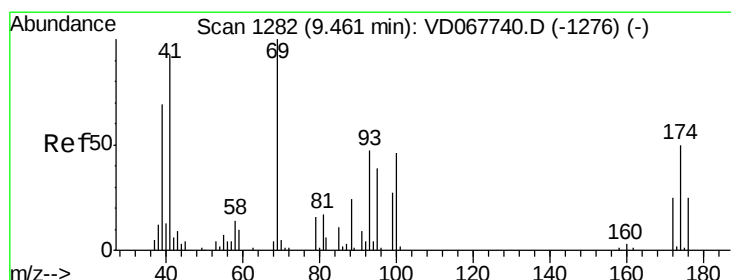
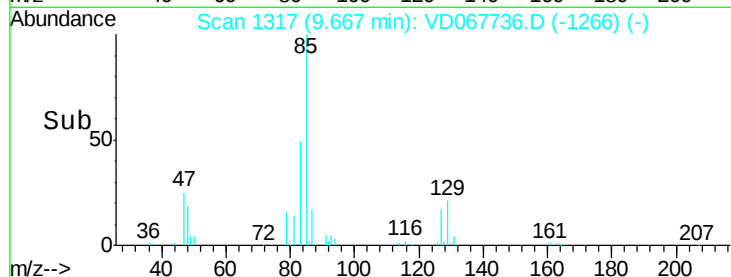
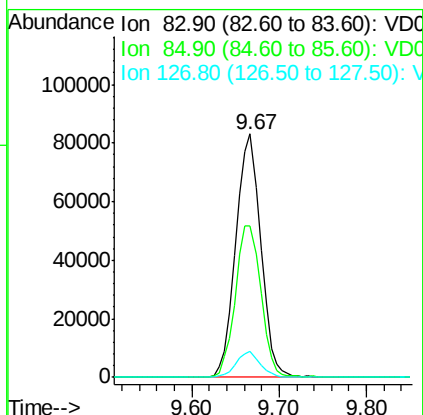
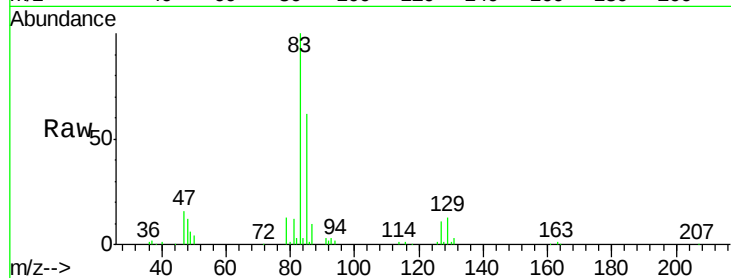




#47
Bromodichloromethane
Concen: 54.085 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

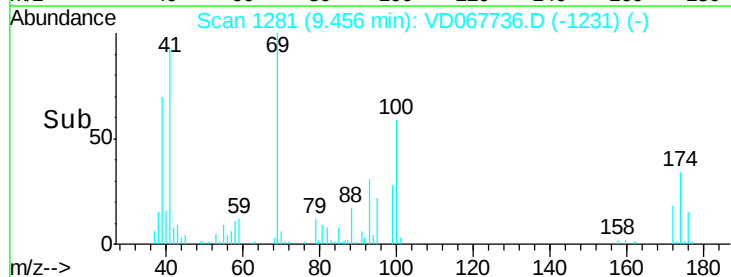
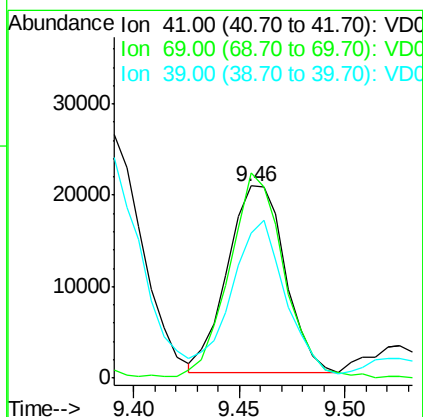
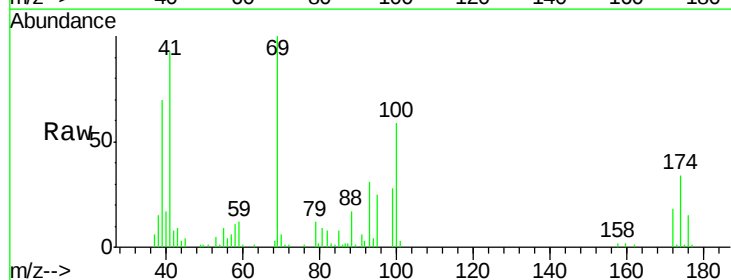
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

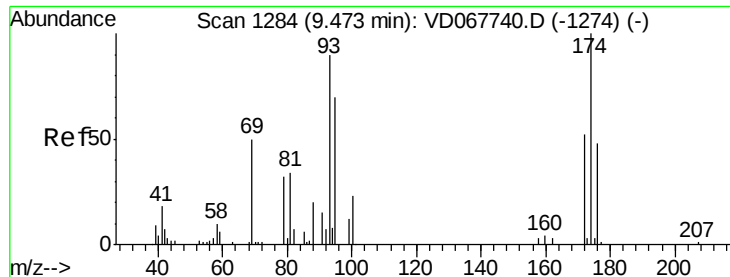
Tot Ion: 83 Resp: 160385
Ion Ratio Lower Upper
83 100
85 62.2 54.2 81.2
127 10.8 7.6 11.4



#48
Methyl methacrylate
Concen: 51.811 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 41 Resp: 38606
Ion Ratio Lower Upper
41 100
69 105.3 87.8 131.6
39 75.6 60.5 90.7





#49

1,4-Dioxane

Concen: 1069.695 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

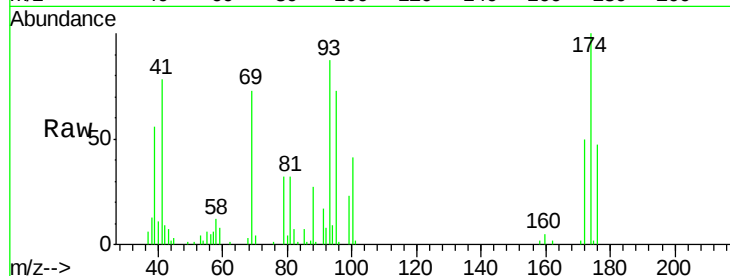
Tot Ion: 88 Resp: 12345

Ion Ratio Lower Upper

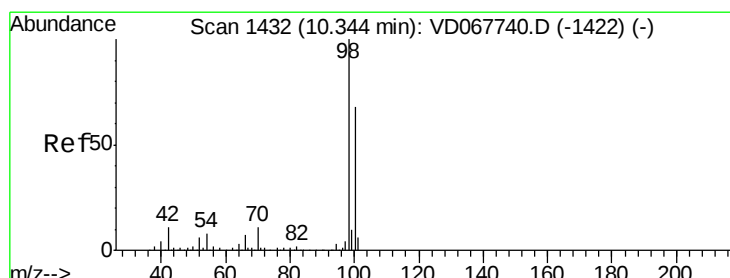
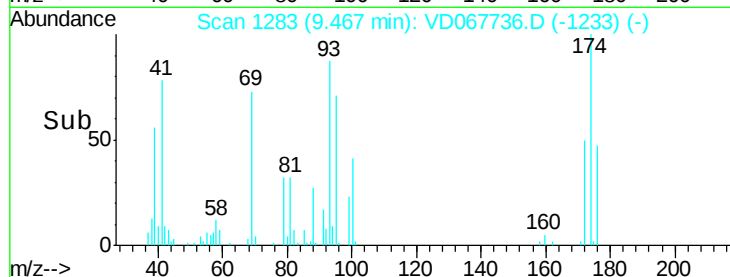
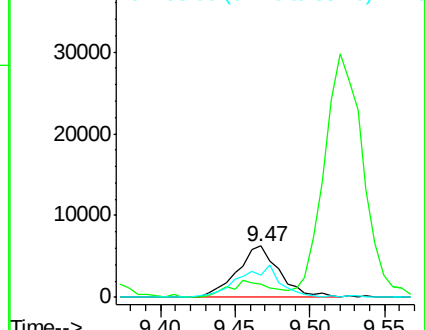
88 100

43 33.1 25.2 37.8

58 59.9 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: 44.156 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067736.D

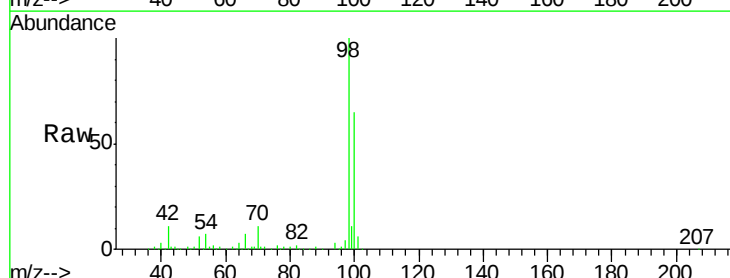
Acq: 23 Nov 2020 09:55

Tgt Ion: 98 Resp: 332311

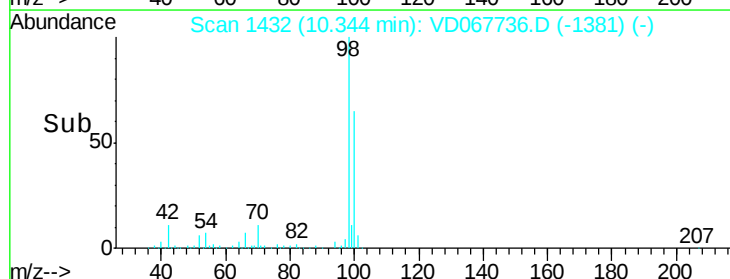
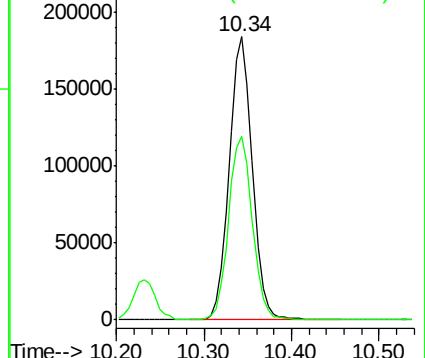
Ion Ratio Lower Upper

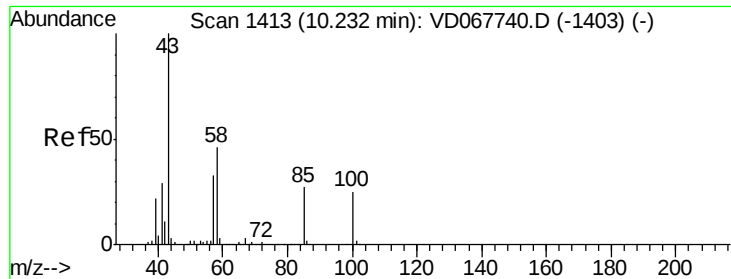
98 100

100 66.9 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 261.237 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleID :

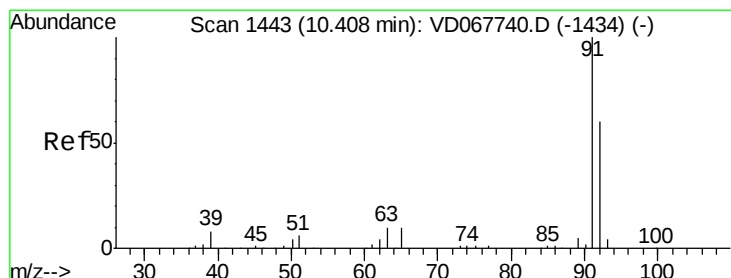
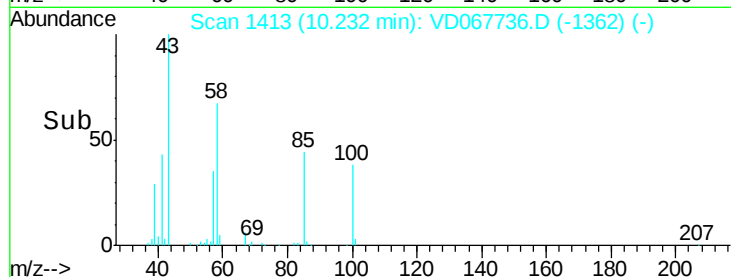
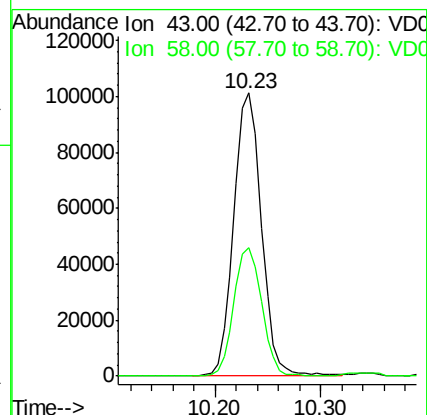
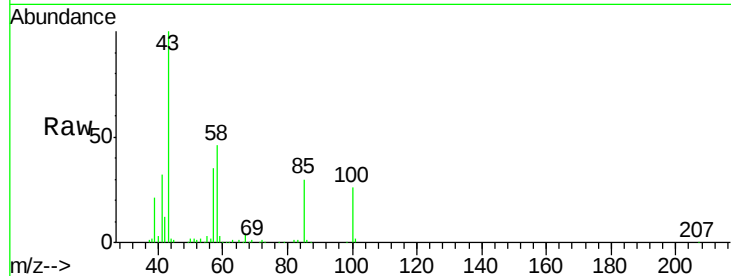
VSTD05006

Tot Ion: 43 Resp: 183215

Ion Ratio Lower Upper

43 100

58 45.9 34.7 52.1



#52

Toluene

Concen: 54.123 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067736.D

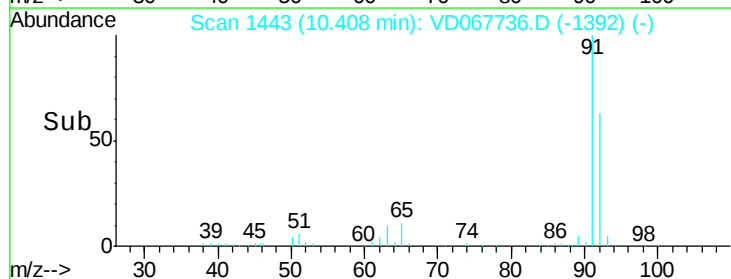
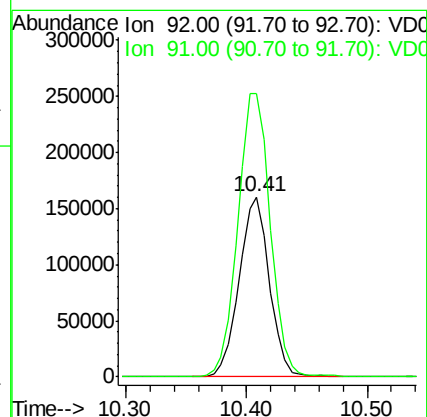
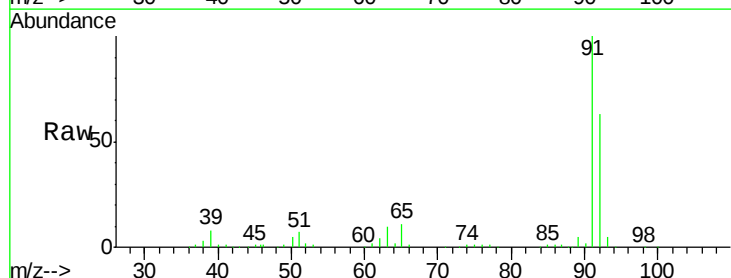
Acq: 23 Nov 2020 09:55

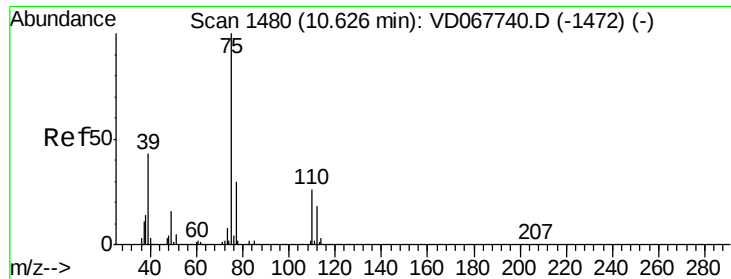
Tgt Ion: 92 Resp: 279893

Ion Ratio Lower Upper

92 100

91 169.8 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 53.173 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

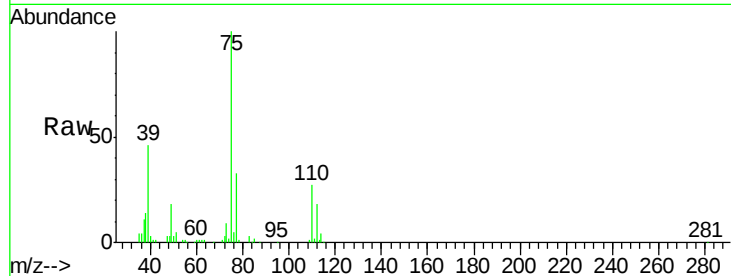
VSTD05006

Tot Ion: 75 Resp: 137758

Ion Ratio Lower Upper

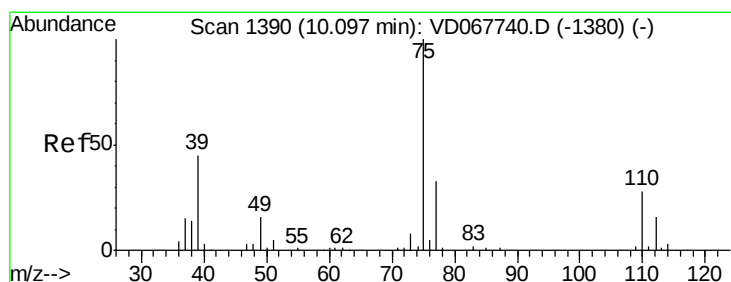
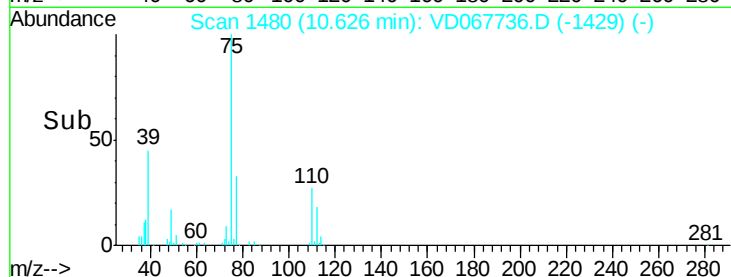
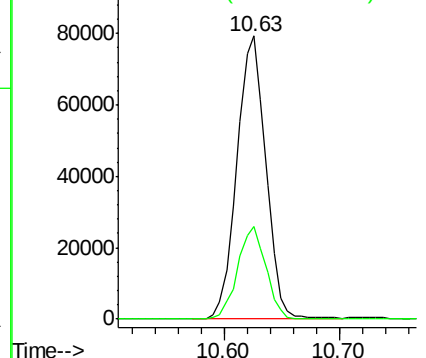
75 100

77 32.6 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.890 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

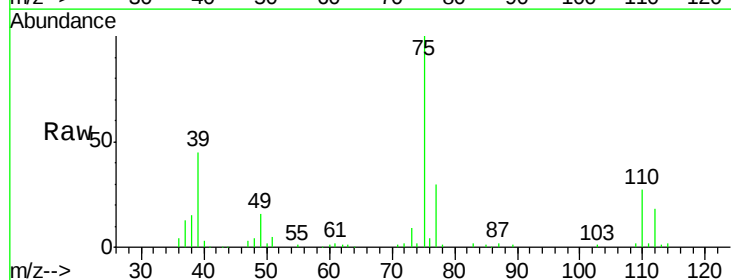
Tgt Ion: 75 Resp: 155073

Ion Ratio Lower Upper

75 100

77 30.3 26.1 39.1

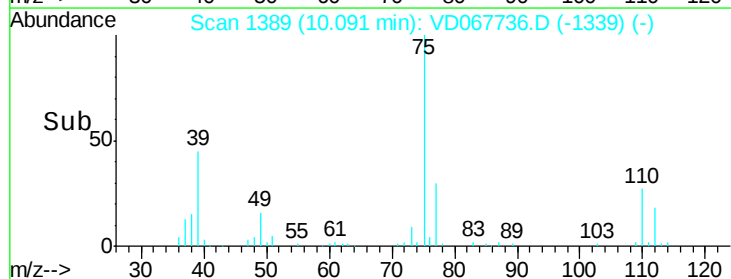
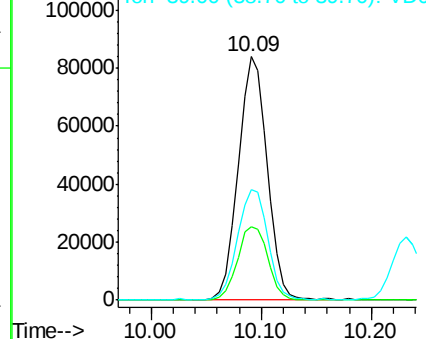
39 45.2 35.8 53.6

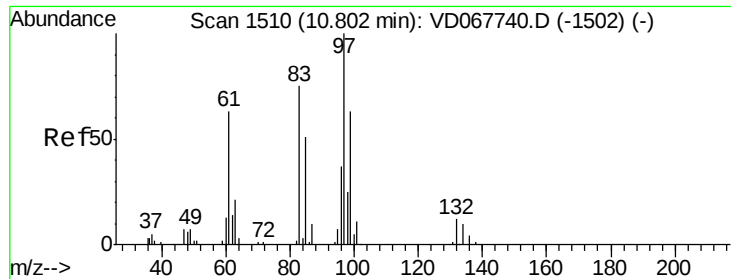


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 52.920 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 97 Resp: 75614

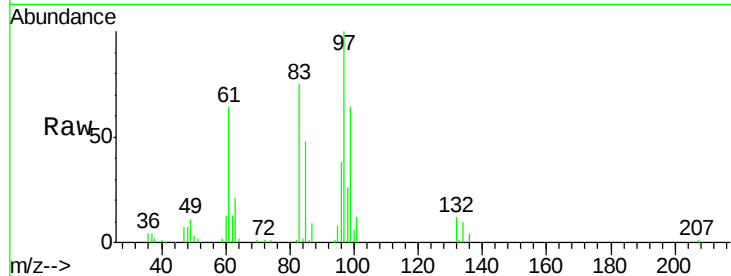
Ion Ratio Lower Upper

97 100

83 75.5 60.2 90.4

85 48.1 40.5 60.7

99 63.7 50.6 76.0

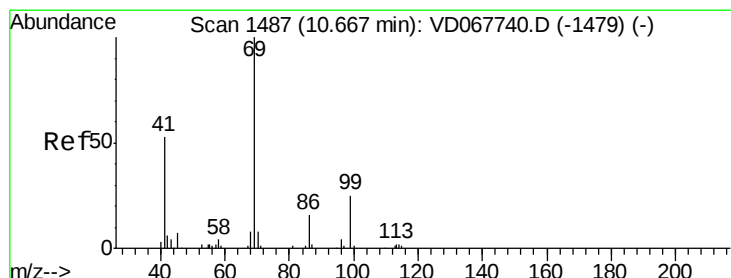
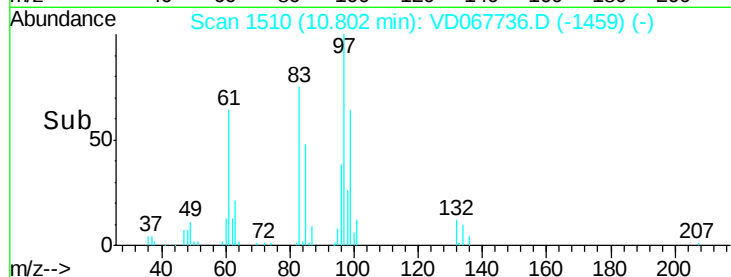
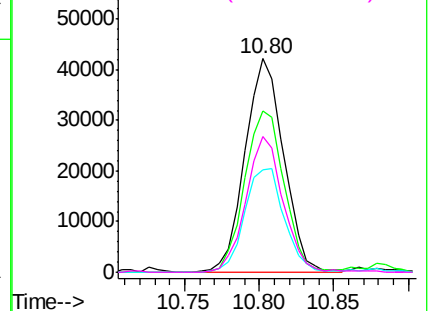


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 52.889 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

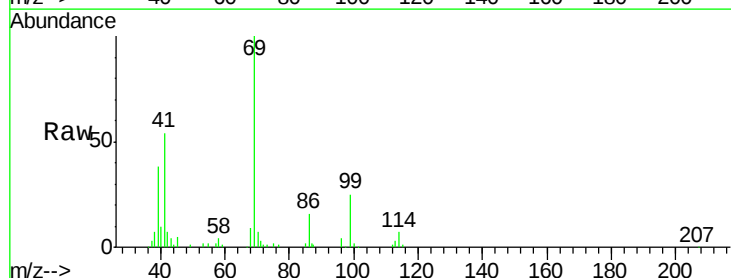
Tgt Ion: 69 Resp: 78240

Ion Ratio Lower Upper

69 100

41 55.9 43.4 65.0

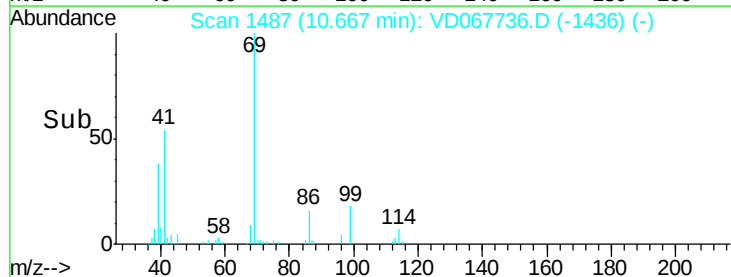
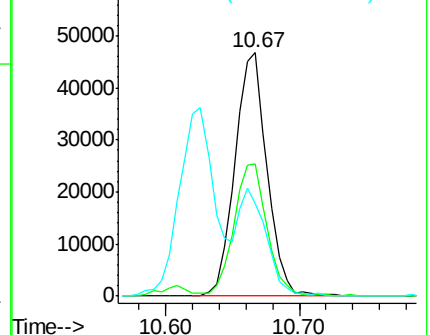
39 37.8 29.6 44.4

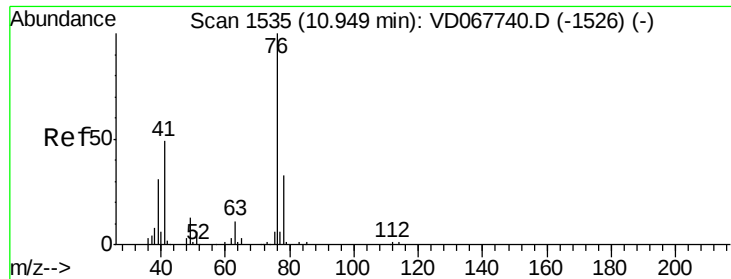


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

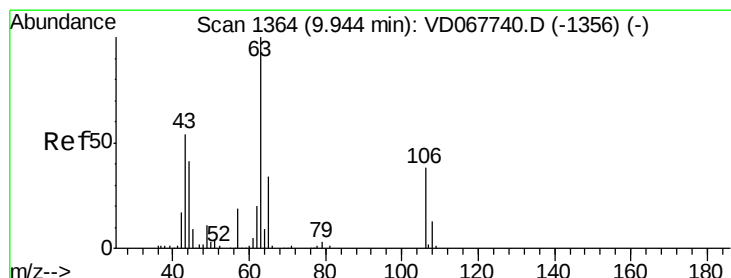
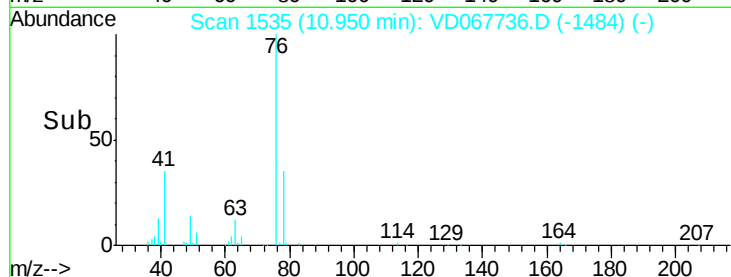
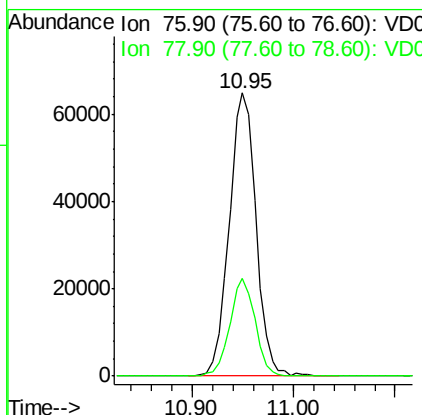
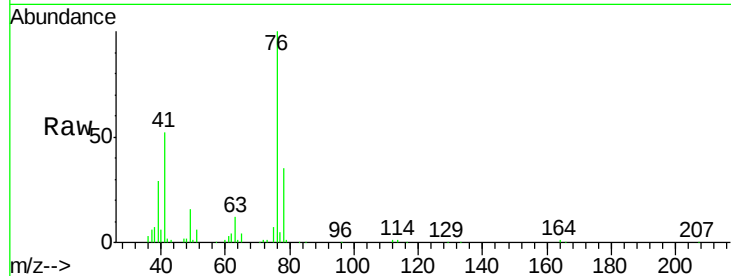




#57
 1,3-Dichloropropane
 Concen: 52.599 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

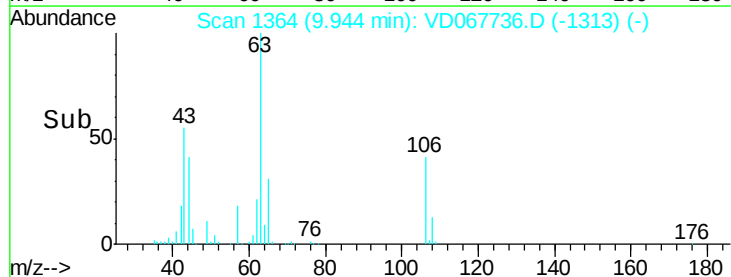
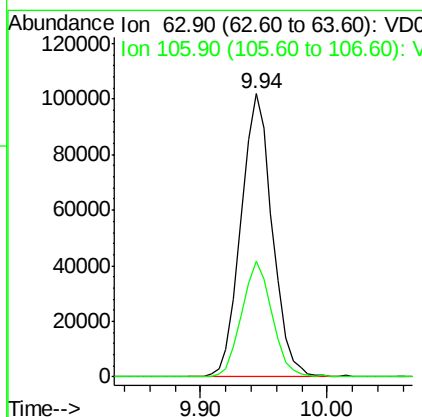
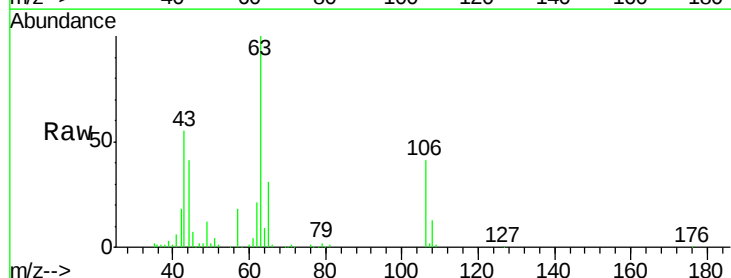
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

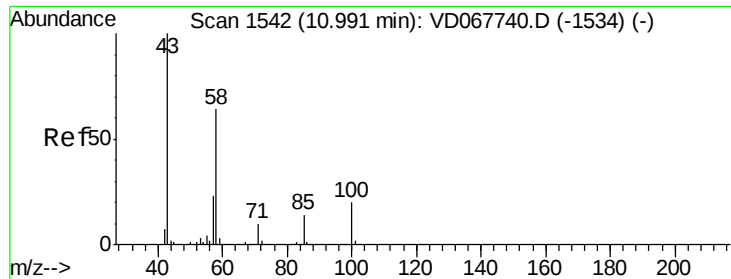
Tot Ion: 76 Resp: 118500
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.837 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Tgt Ion: 63 Resp: 174763
 Ion Ratio Lower Upper
 63 100
 106 39.8 31.0 46.6

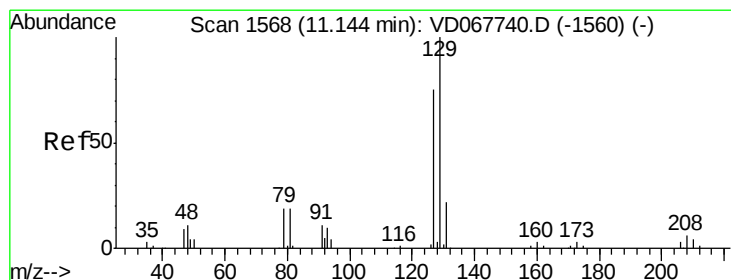
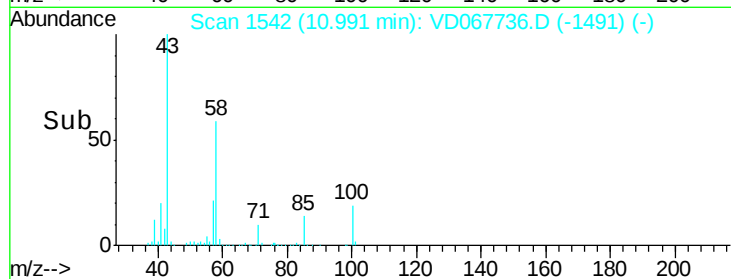
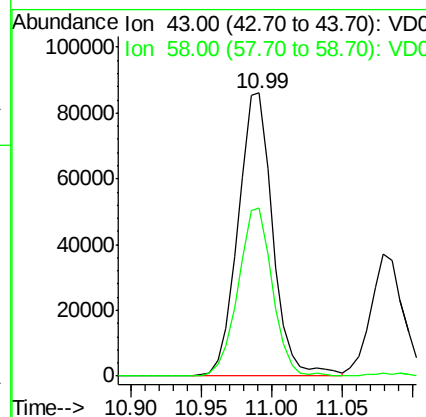
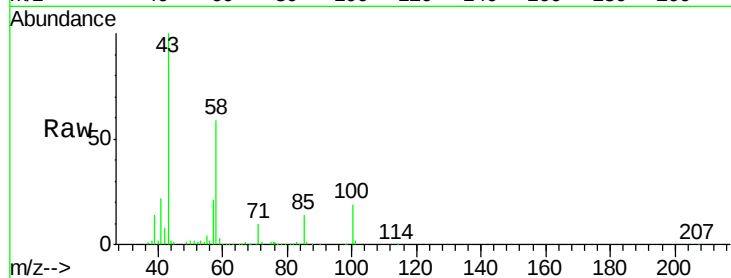




#59
2-Hexanone
Concen: 298.588 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

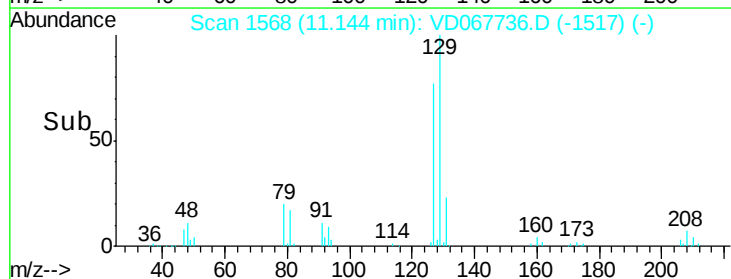
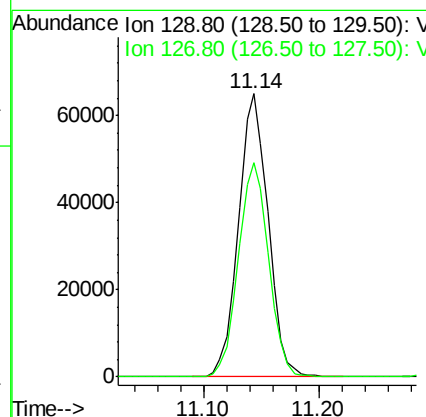
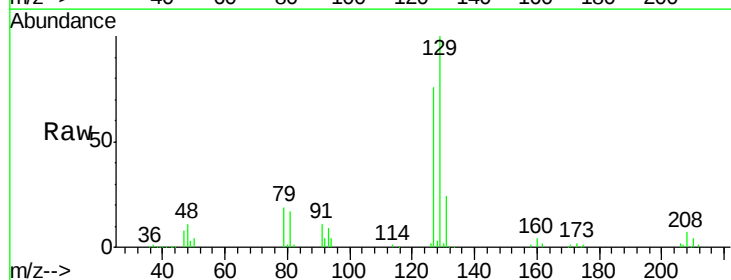
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

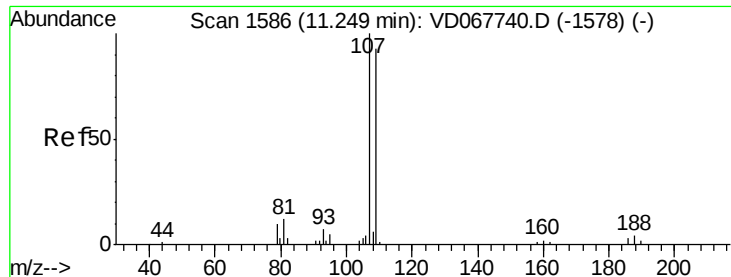
Tot Ion: 43 Resp: 147850
Ion Ratio Lower Upper
43 100
58 58.5 30.5 91.5



#60
Dibromochloromethane
Concen: 53.085 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 129 Resp: 115584
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

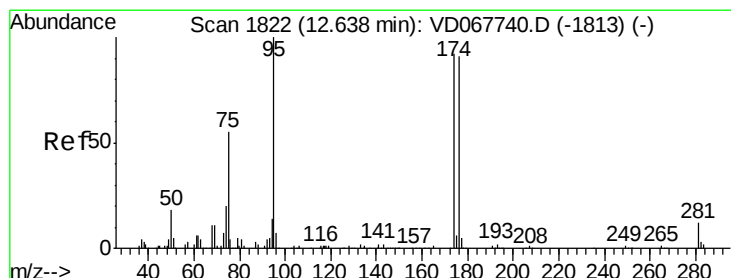
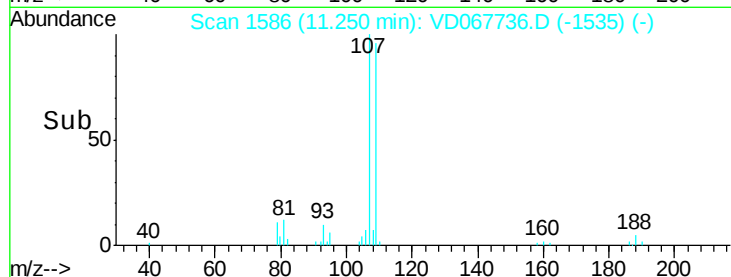
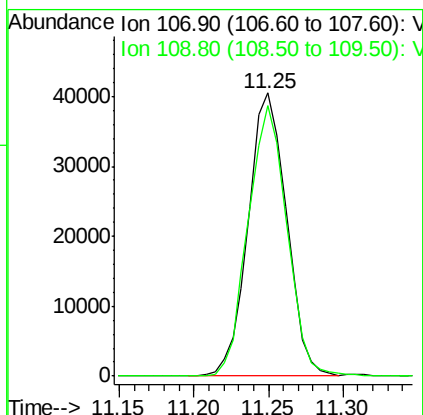
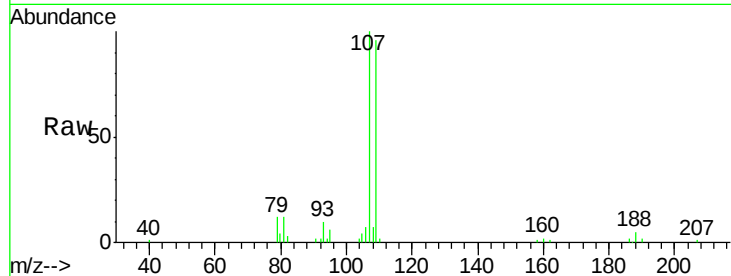




#61
 1,2-Dibromoethane
 Concen: 51.181 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

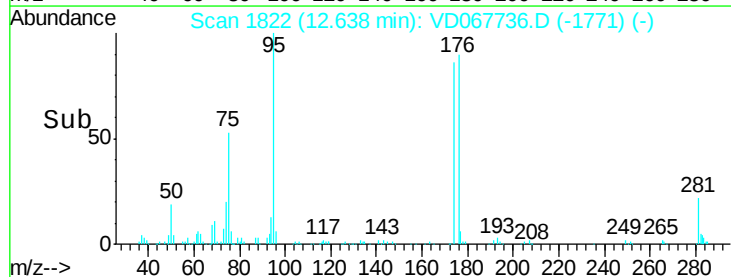
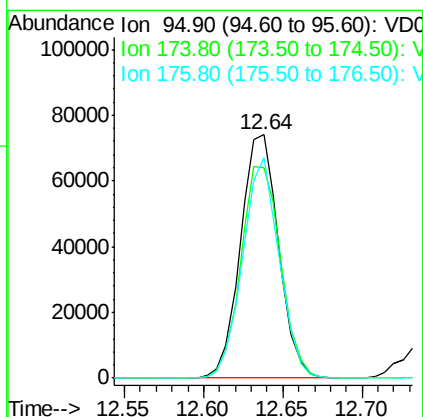
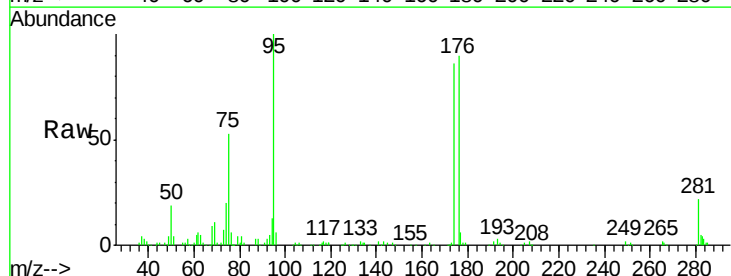
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

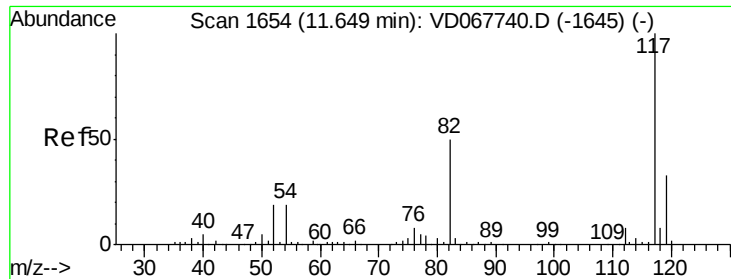
Tot Ion:107 Resp: 72056
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.967 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Tgt Ion: 95 Resp: 123388
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 182.4
 176 86.7 0.0 178.2

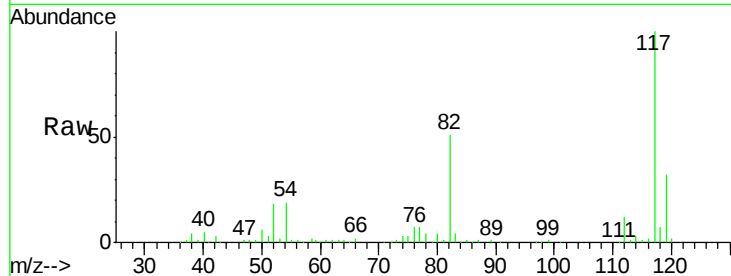




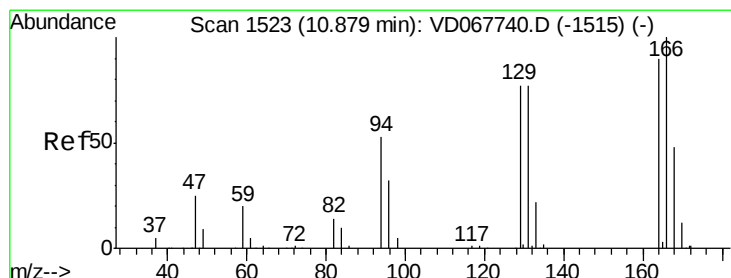
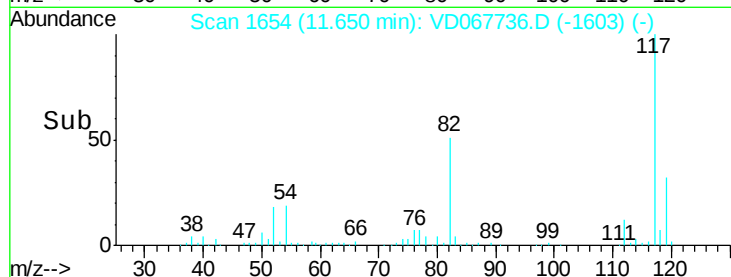
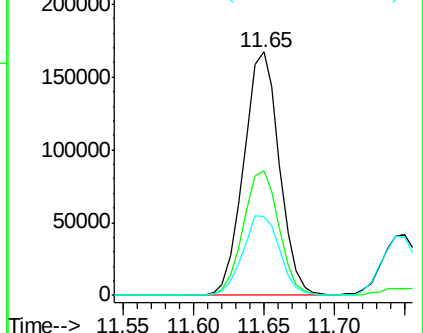
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion:117 Resp: 296210
Ion Ratio Lower Upper
117 100
82 51.0 40.2 60.4
119 32.1 26.5 39.7

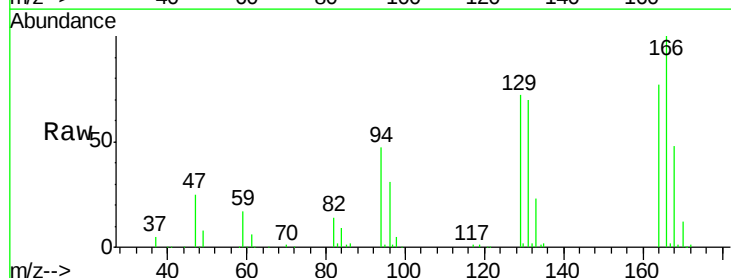


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

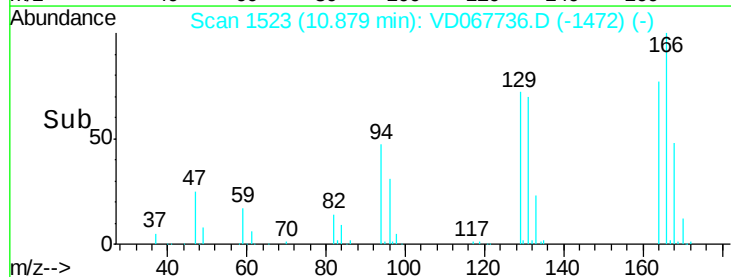
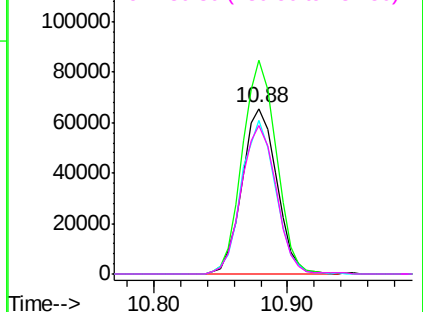


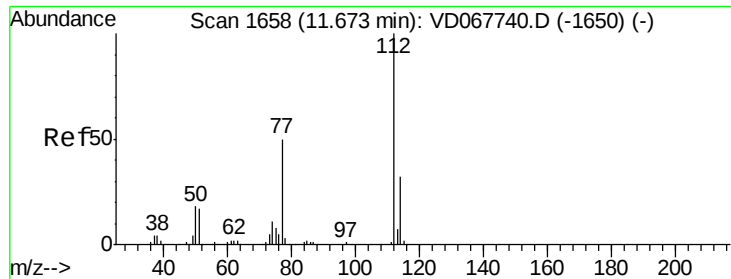
#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion:164 Resp: 117573
Ion Ratio Lower Upper
164 100
166 129.3 89.2 133.8
129 93.4 68.4 102.6
131 90.0 68.7 103.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

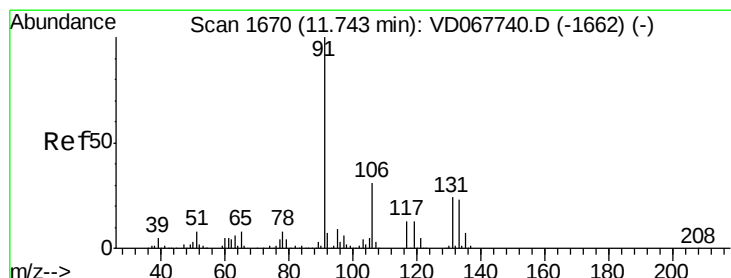
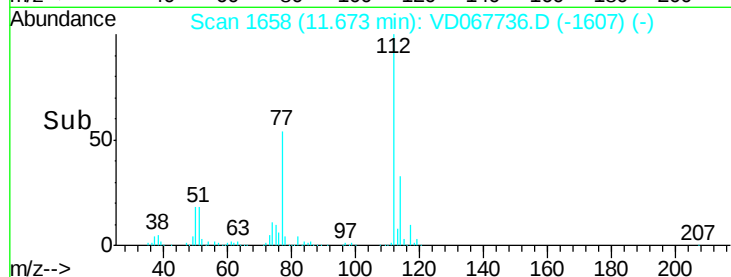
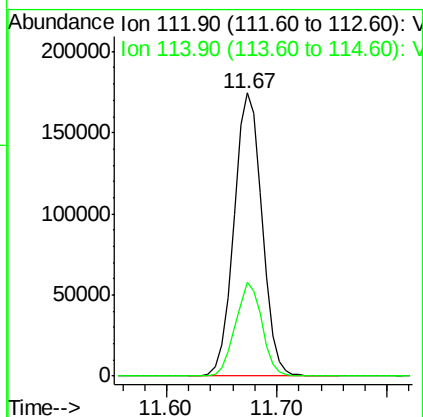
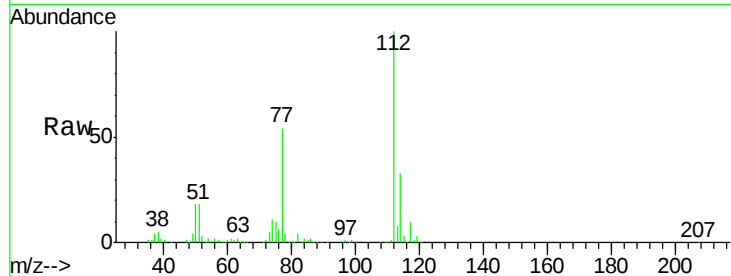




#65
Chlorobenzene
Concen: 53.377 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

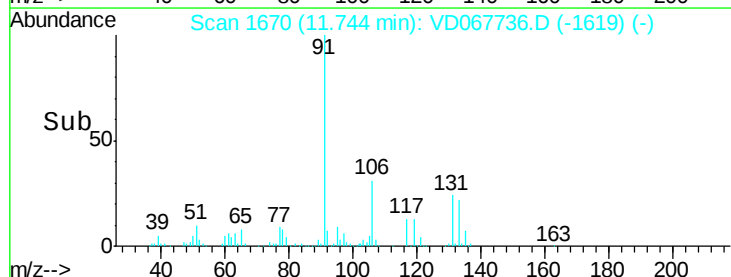
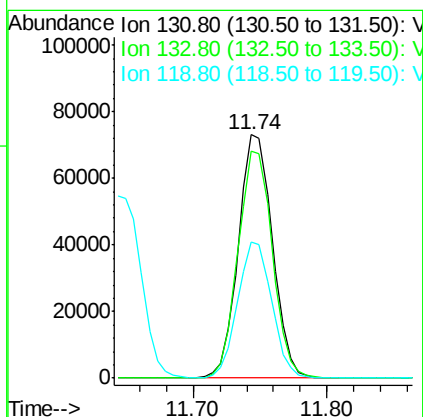
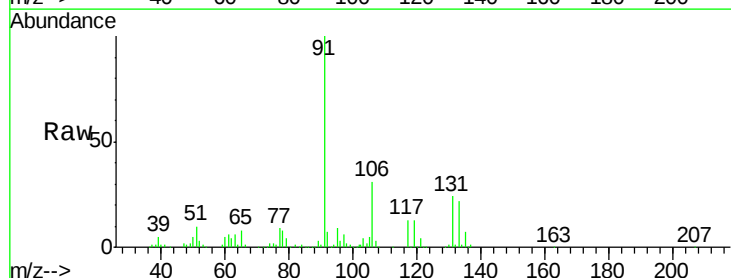
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

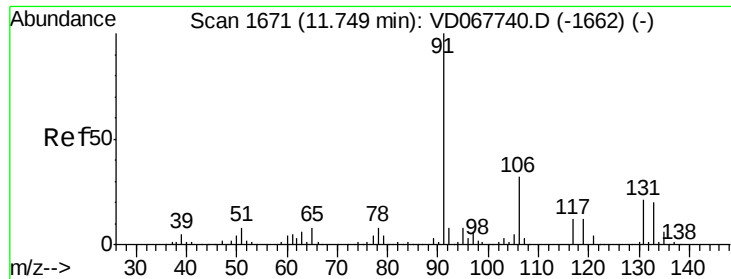
Tot Ion:112 Resp: 310749
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.973 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion:131 Resp: 129458
Ion Ratio Lower Upper
131 100
133 93.8 49.0 147.0
119 56.1 28.8 86.5

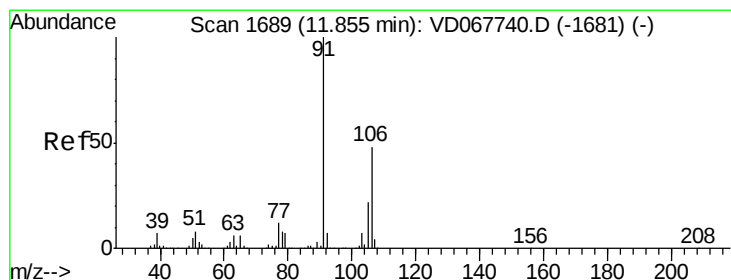
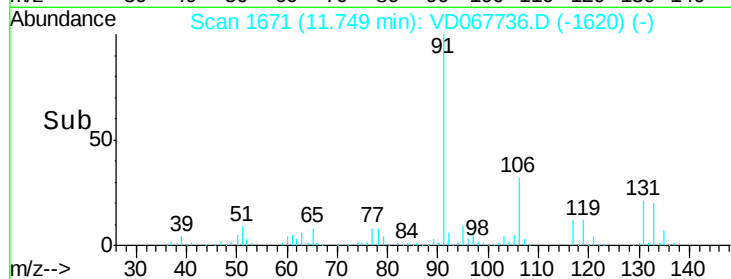
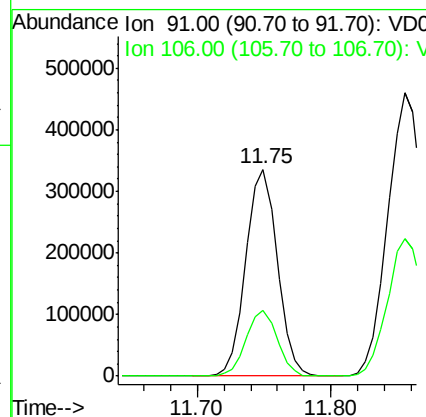
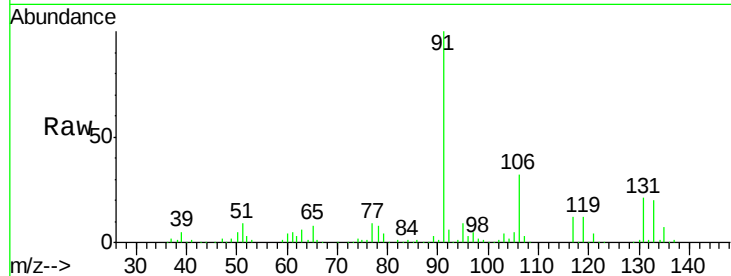




#67
Ethyl Benzene
Concen: 54.598 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

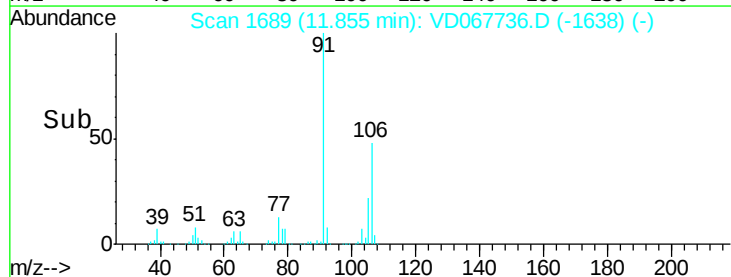
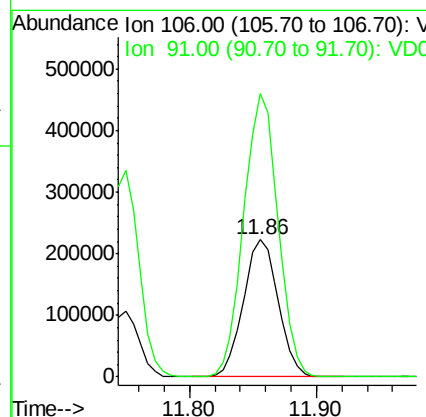
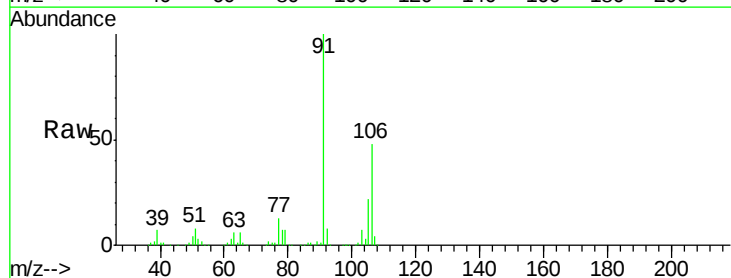
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

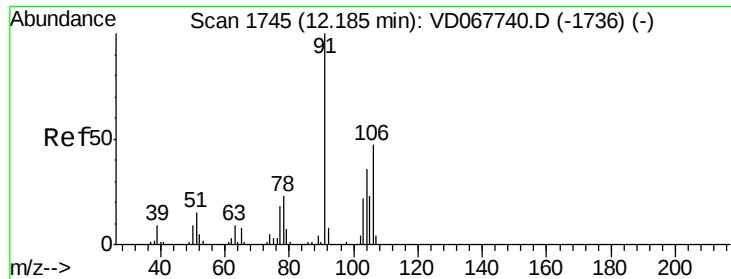
Tot Ion: 91 Resp: 548736
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 108.495 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 106 Resp: 424337
Ion Ratio Lower Upper
106 100
91 204.1 163.0 244.6

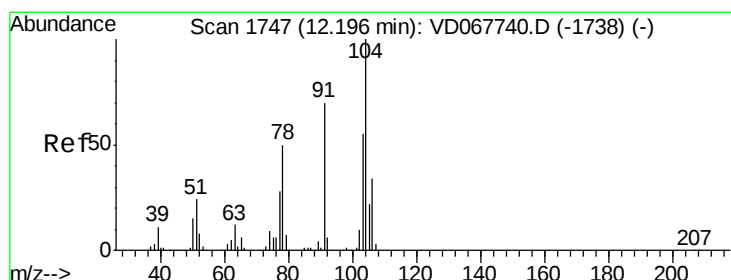
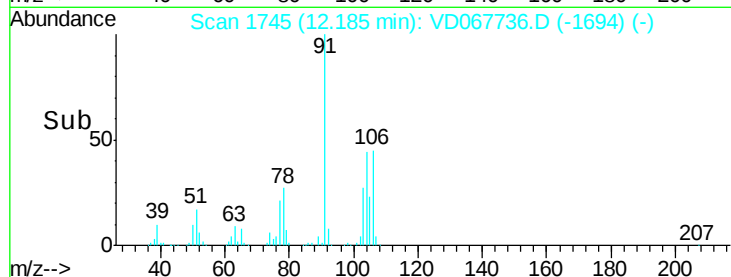
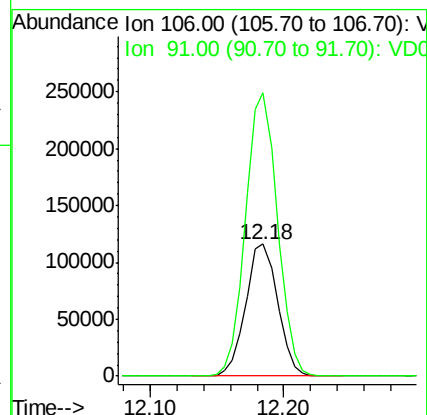
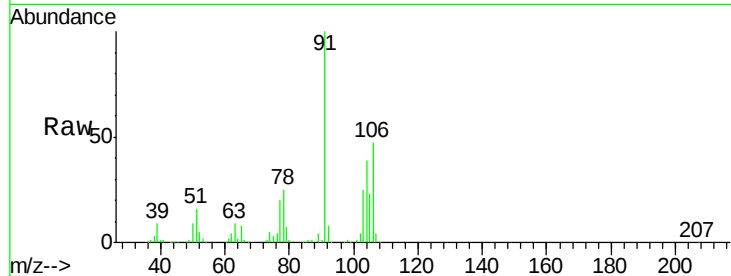




#69
o-Xylene
Concen: 54.119 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

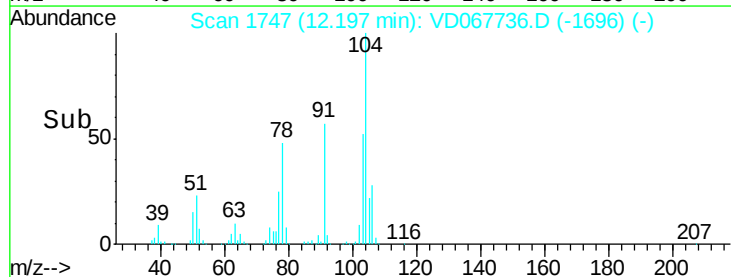
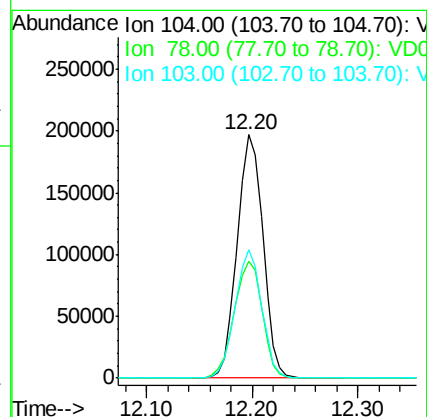
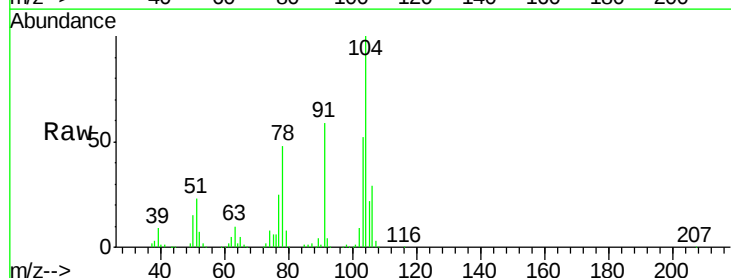
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

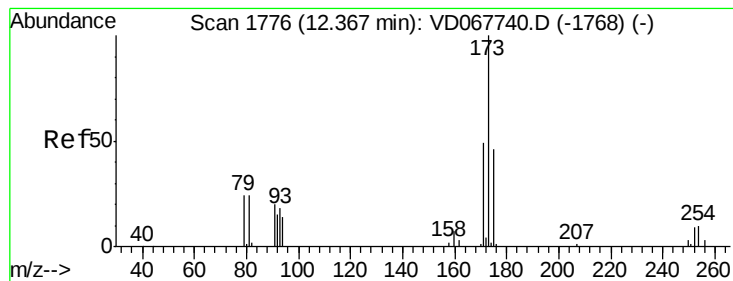
Tot Ion:106 Resp: 192720
Ion Ratio Lower Upper
106 100
91 212.7 106.2 318.6



#70
Styrene
Concen: 54.890 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion:104 Resp: 332937
Ion Ratio Lower Upper
104 100
78 51.9 41.9 62.9
103 54.1 44.1 66.1





#71

Bromoform

Concen: 52.723 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

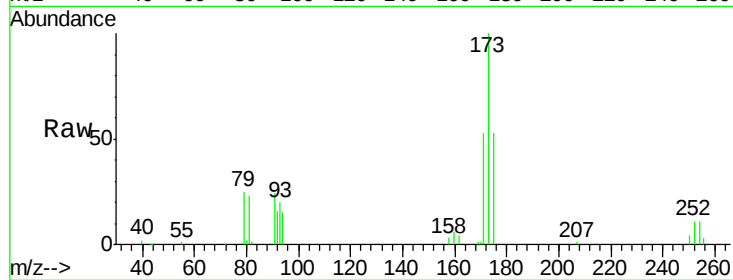
Tot Ion:173 Resp: 67401

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

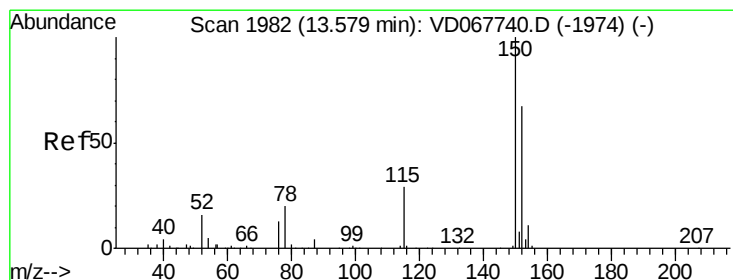
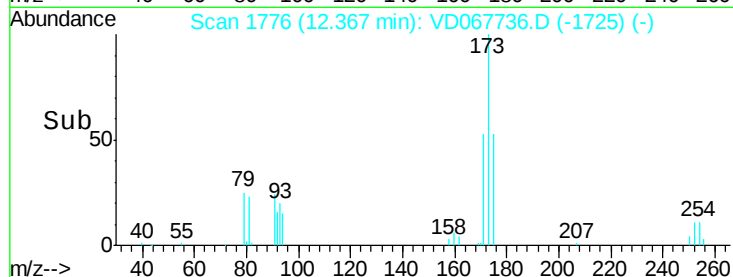
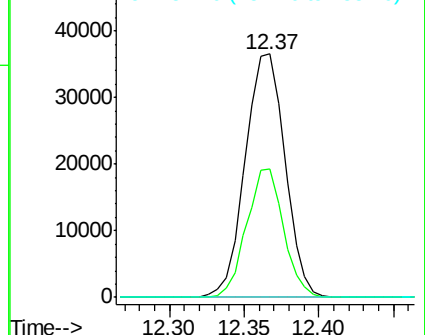
254 0.0 0.0 0.0



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: VD067736.D

Acq: 23 Nov 2020 09:55

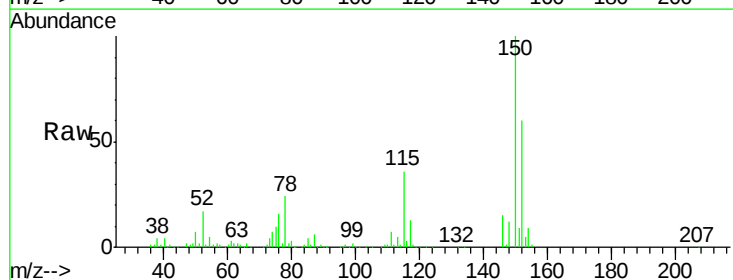
Tgt Ion:152 Resp: 157173

Ion Ratio Lower Upper

152 100

115 60.0 29.4 88.3

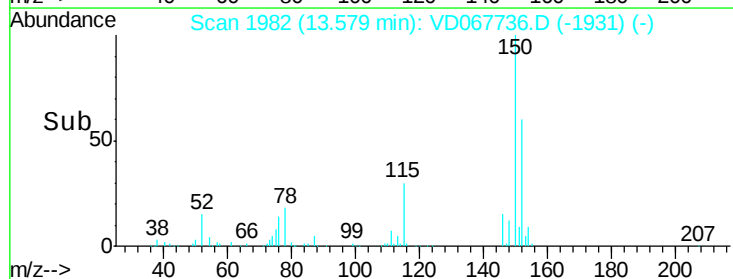
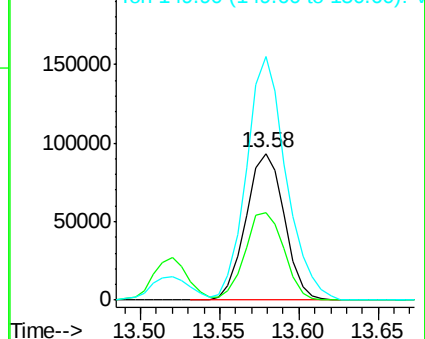
150 171.5 0.0 340.6

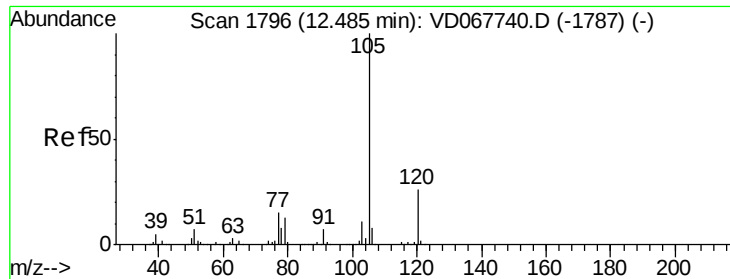


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.520 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

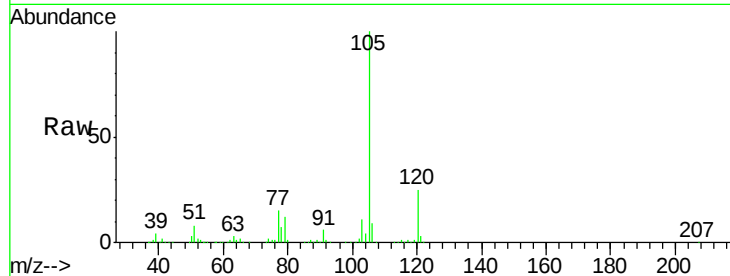
VSTD05006

Tot Ion:105 Resp: 553470

Ion Ratio Lower Upper

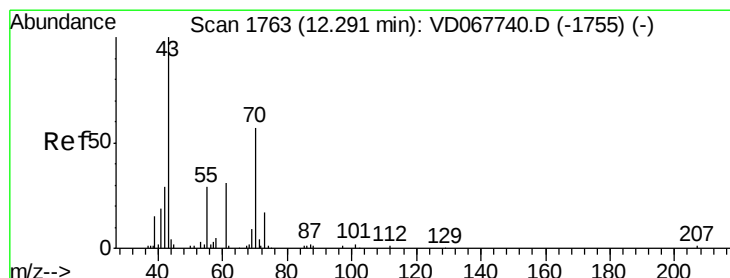
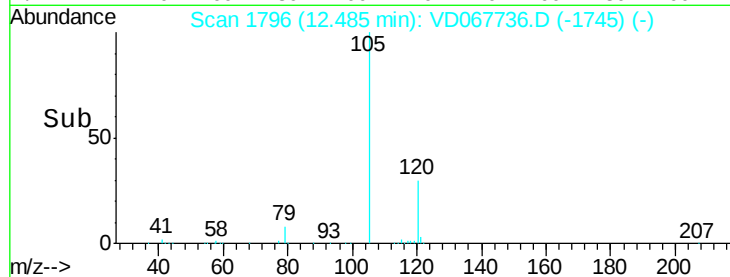
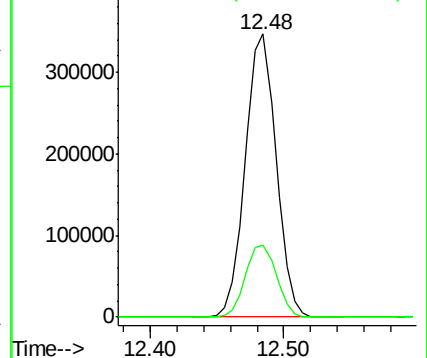
105 100

120 25.8 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: 49.173 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Tgt Ion: 43 Resp: 67060

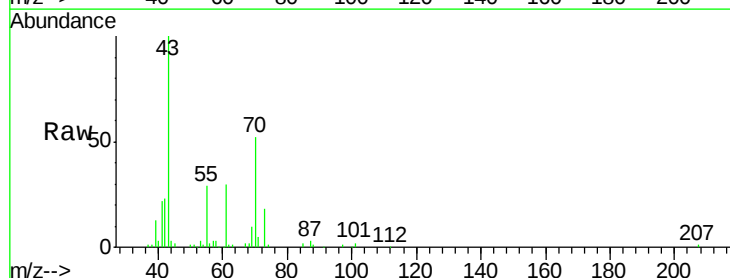
Ion Ratio Lower Upper

43 100

70 56.2 44.6 66.8

55 30.0 24.2 36.2

61 28.6 22.0 33.0

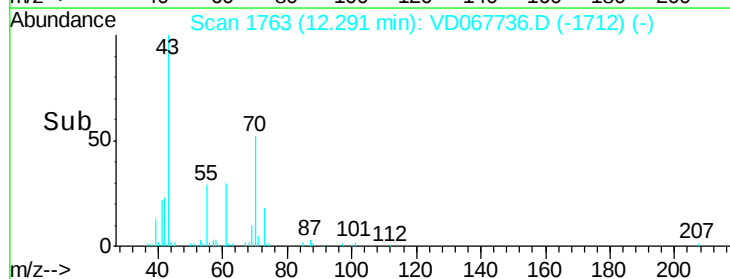
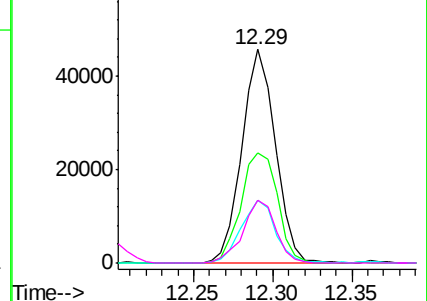


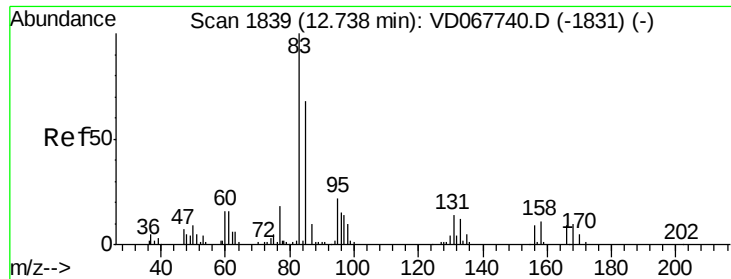
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.542 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

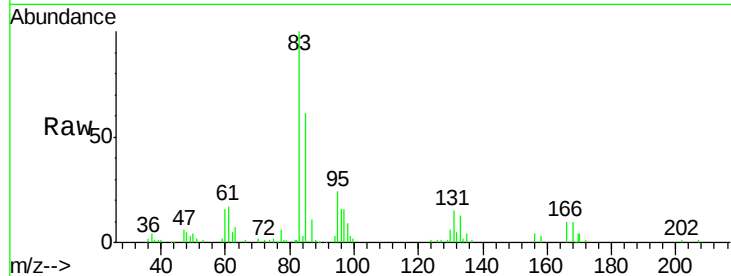
Tot Ion: 83 Resp: 70146

Ion Ratio Lower Upper

83 100

131 15.1 8.1 24.1

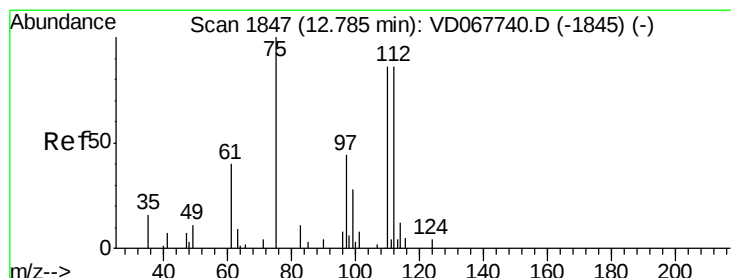
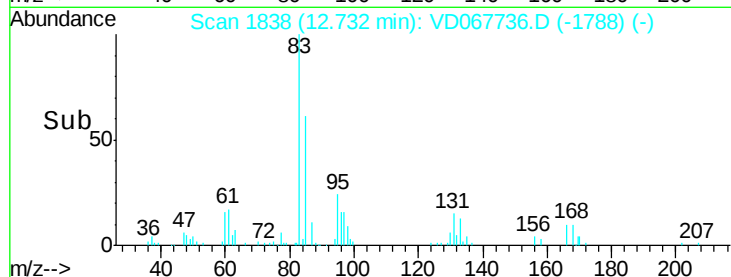
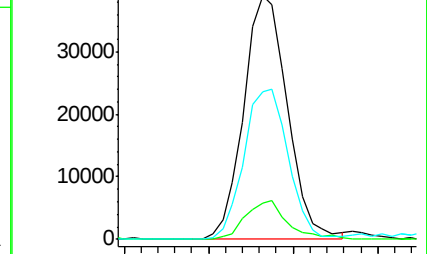
85 62.4 33.9 101.7



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: 94.710 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067736.D

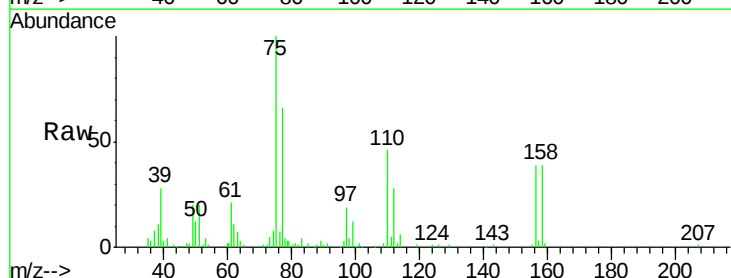
Acq: 23 Nov 2020 09:55

Tgt Ion: 75 Resp: 103747

Ion Ratio Lower Upper

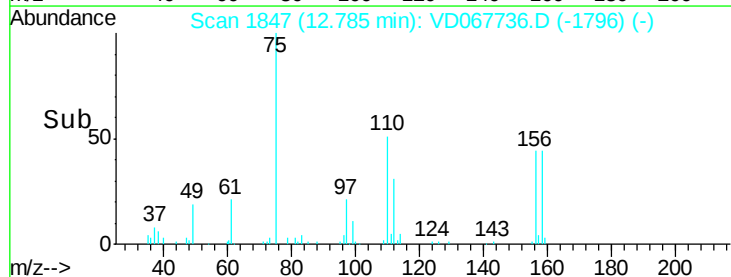
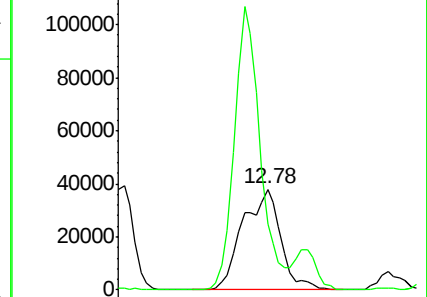
75 100

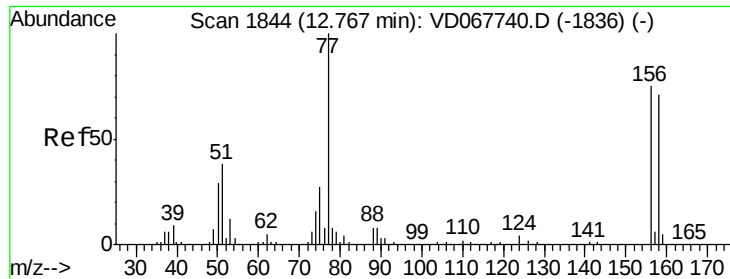
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.197 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

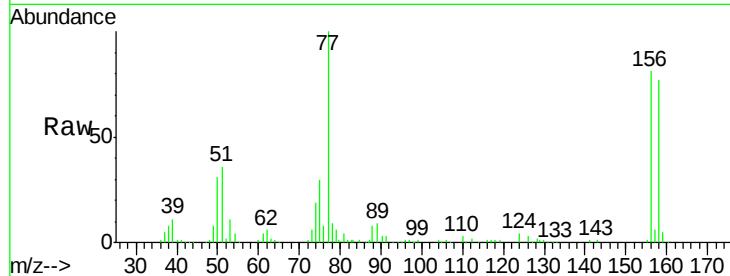
Tot Ion:156 Resp: 135122

Ion Ratio Lower Upper

156 100

77 146.5 73.5 220.3

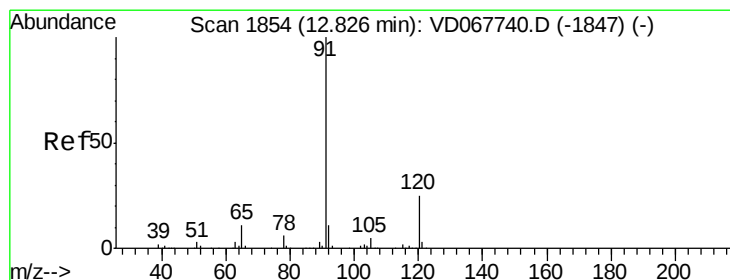
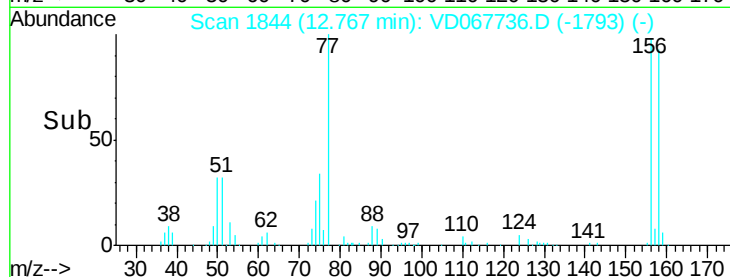
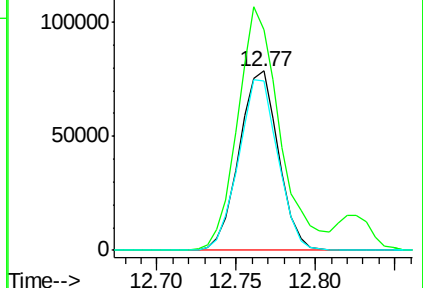
158 95.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.256 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD067736.D

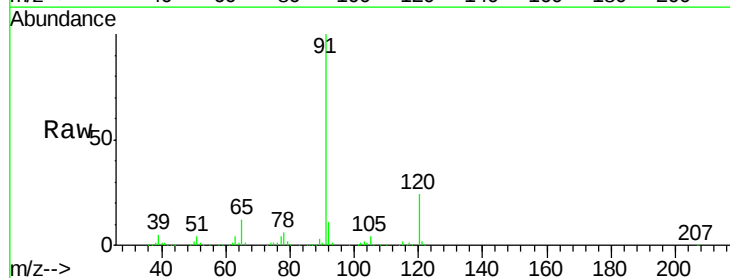
Acq: 23 Nov 2020 09:55

Tgt Ion: 91 Resp: 612720

Ion Ratio Lower Upper

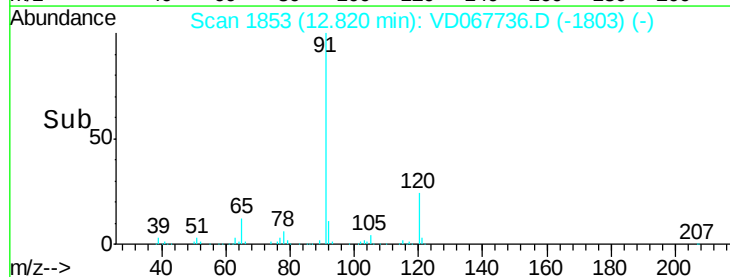
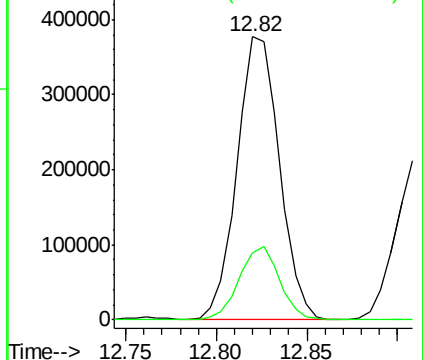
91 100

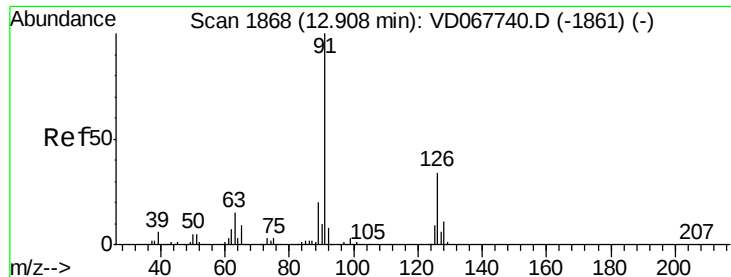
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.629 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

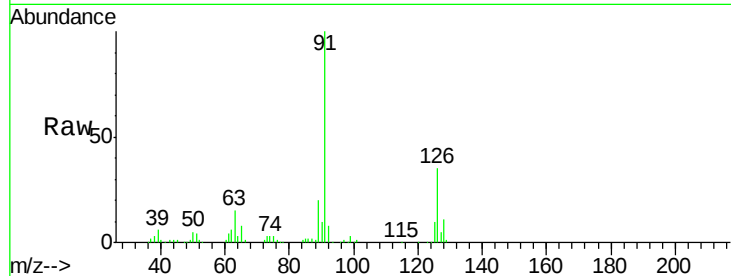
VSTD05006

Tot Ion: 91 Resp: 351688

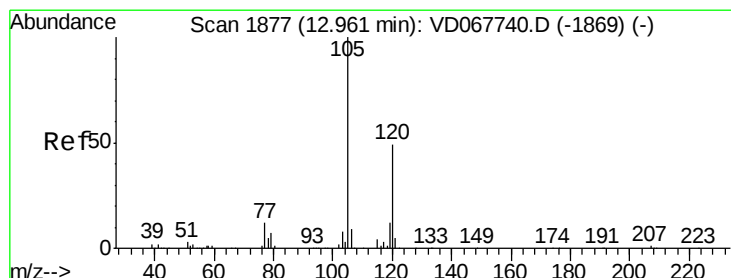
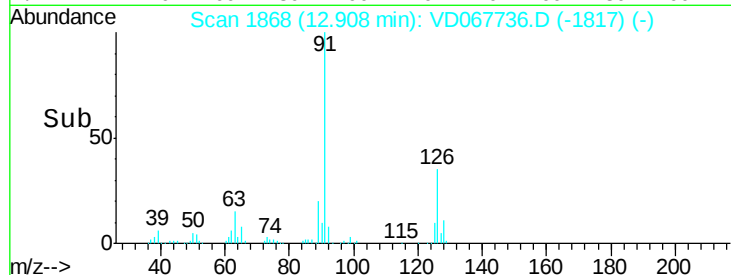
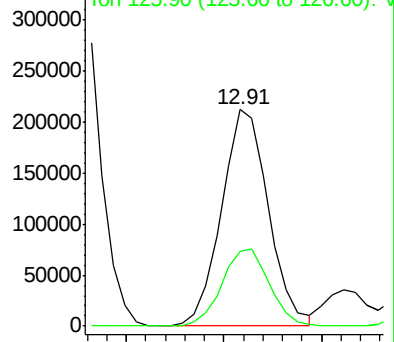
Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067736.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.334 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067736.D

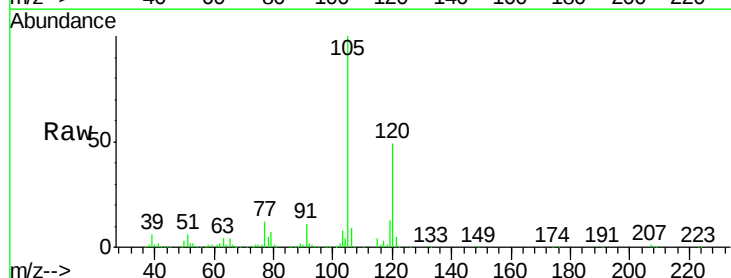
Acq: 23 Nov 2020 09:55

Tgt Ion: 105 Resp: 470724

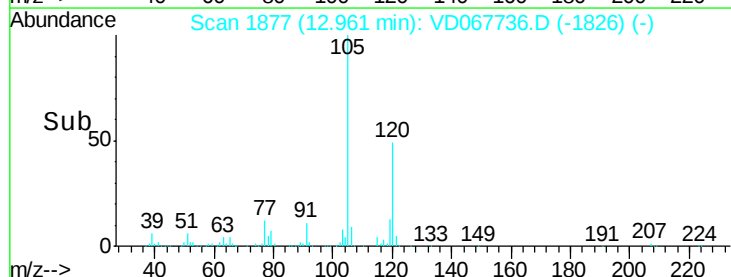
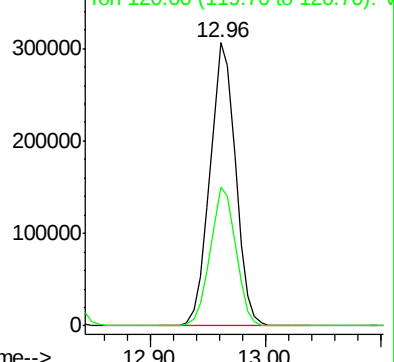
Ion Ratio Lower Upper

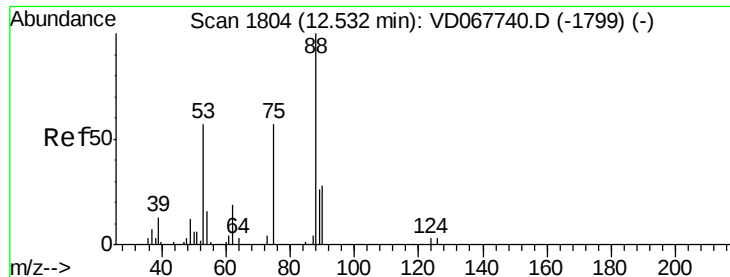
105 100

120 48.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067736.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.736 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

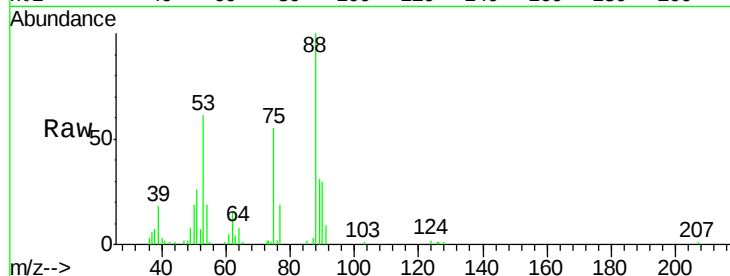
Tot Ion: 75 Resp: 22825

Ion Ratio Lower Upper

75 100

53 106.0 76.0 114.0

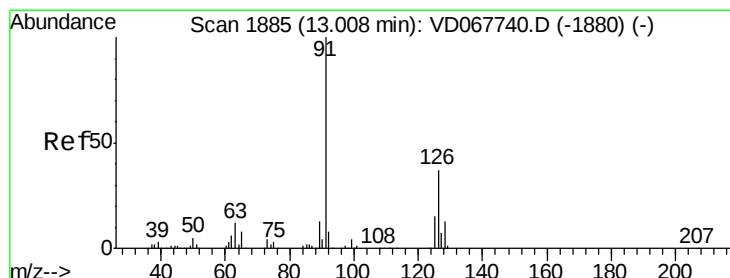
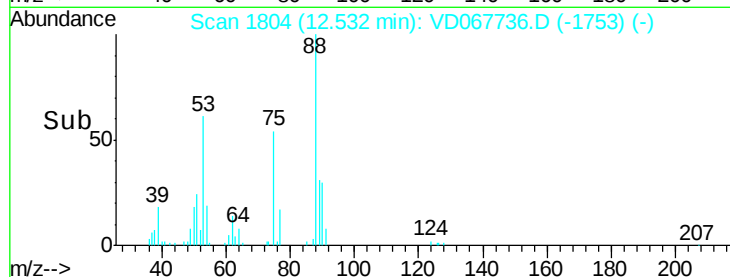
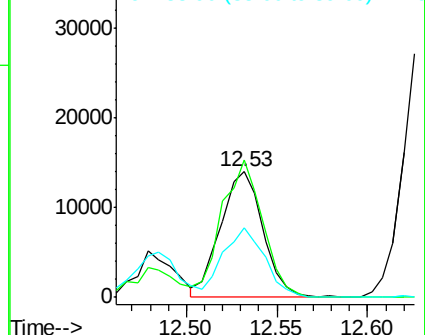
89 53.9 40.2 60.4



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: 51.410 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067736.D

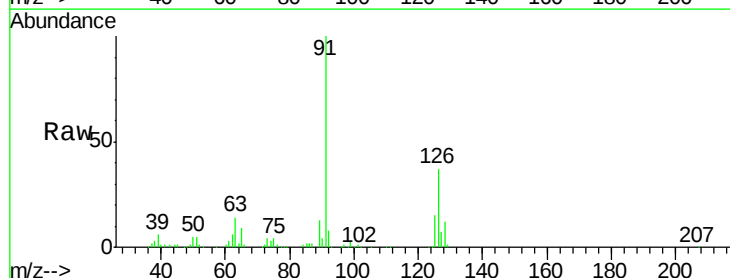
Acq: 23 Nov 2020 09:55

Tgt Ion: 91 Resp: 373144

Ion Ratio Lower Upper

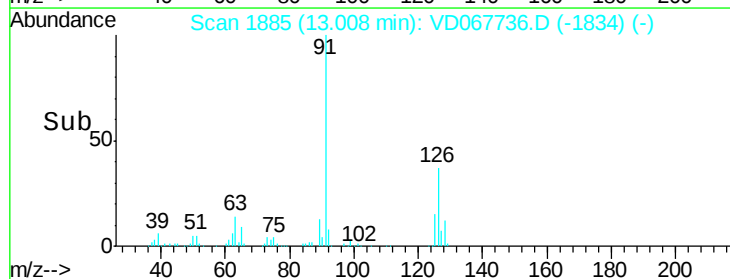
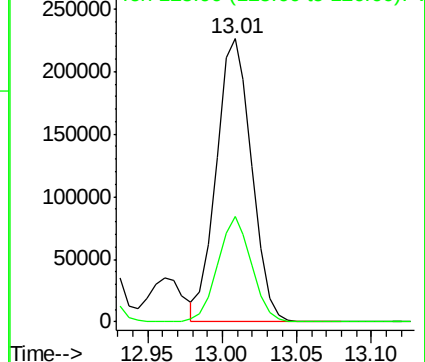
91 100

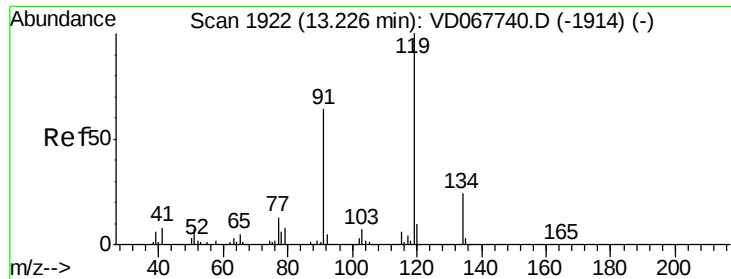
126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

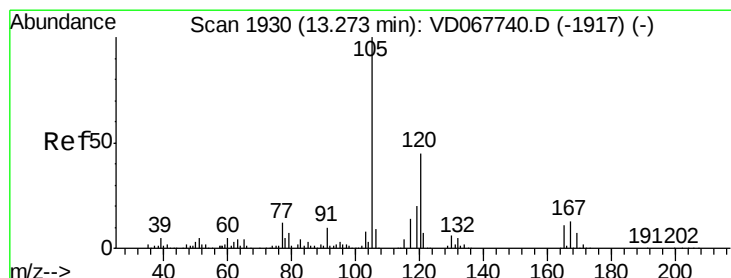
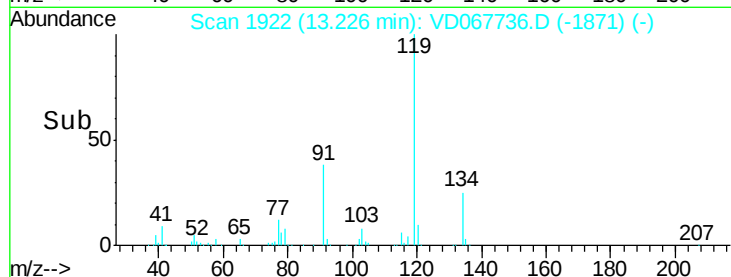
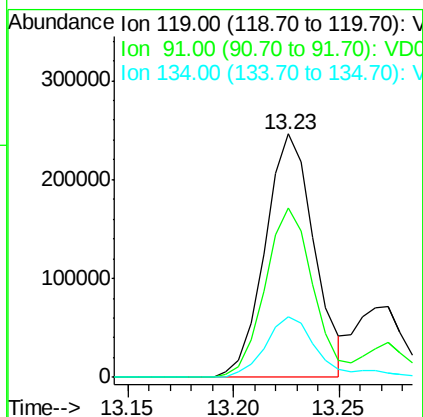
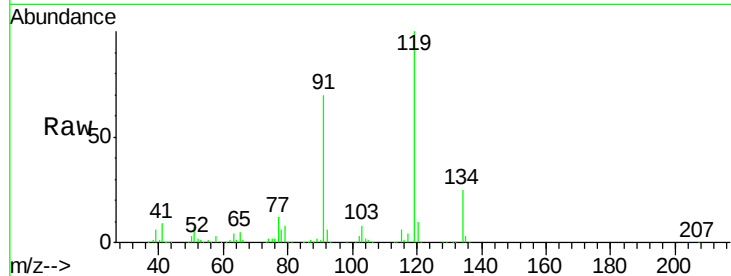




#83
tert-Butylbenzene
Concen: 51.490 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

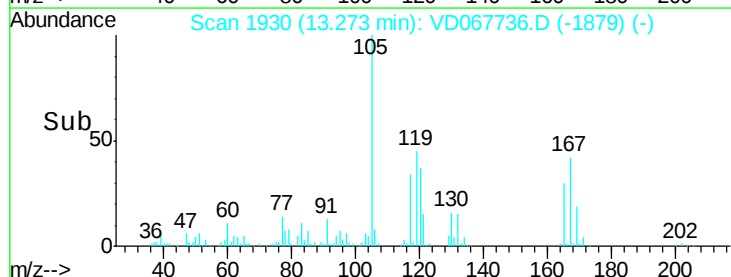
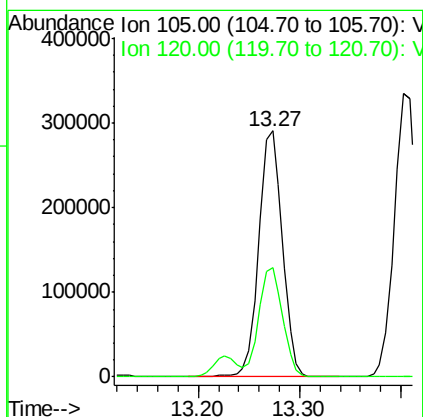
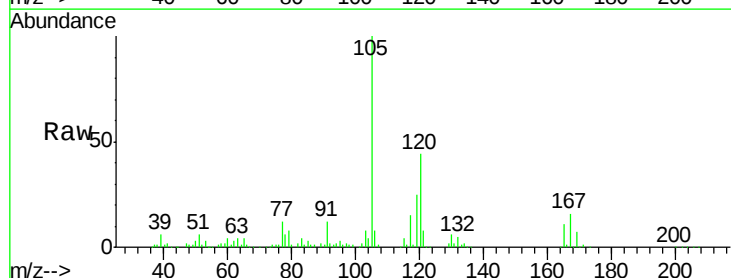
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

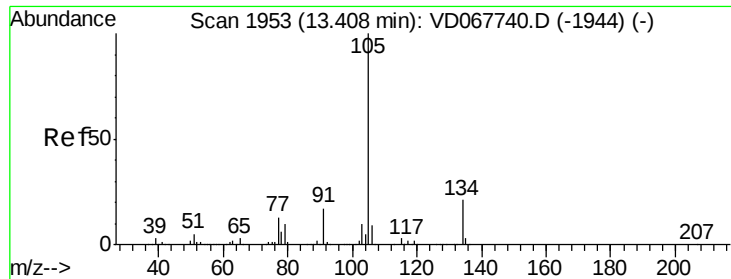
Tot Ion:119 Resp: 397966
Ion Ratio Lower Upper
119 100
91 68.6 32.9 98.7
134 26.8 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 52.252 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion:105 Resp: 469495
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.7

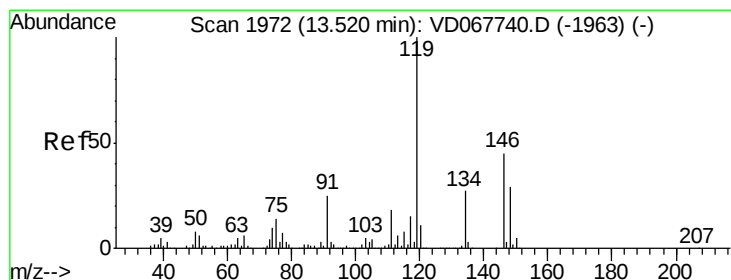
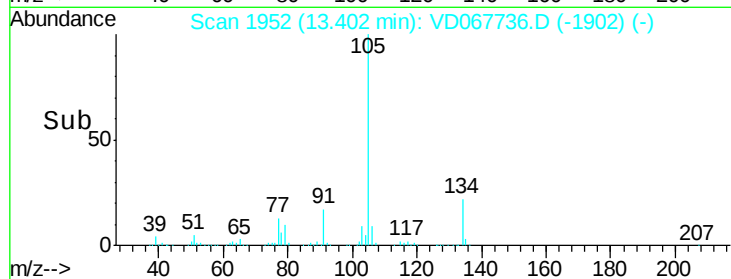
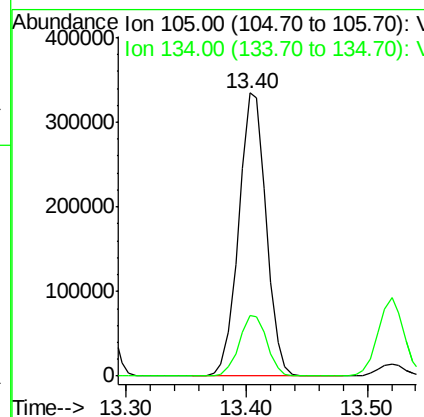
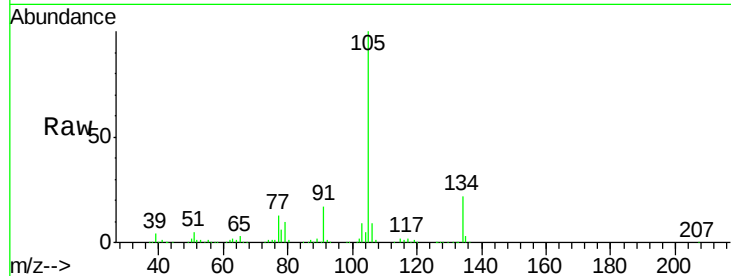




#85
 sec-Butylbenzene
 Concen: 52.120 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

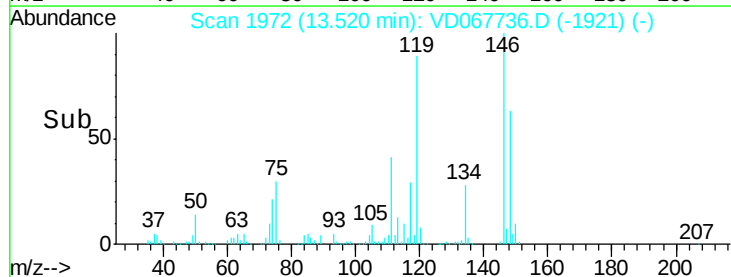
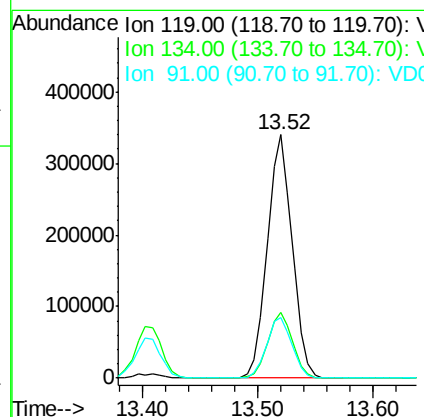
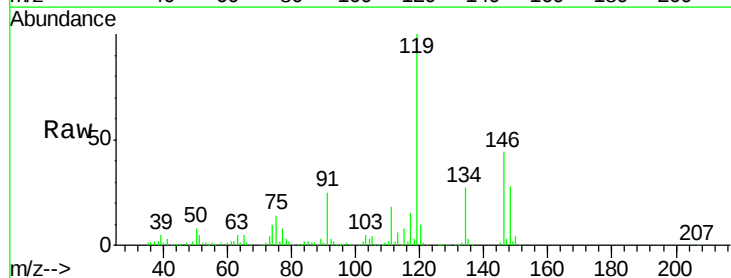
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

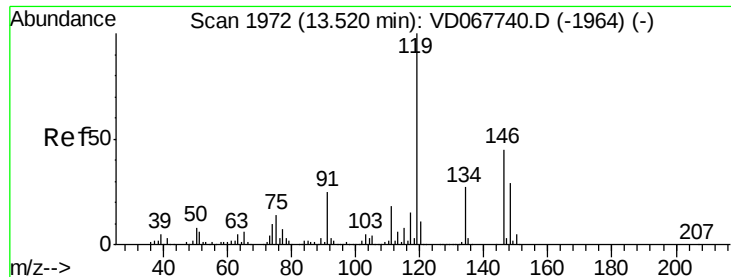
Tot Ion:105 Resp: 529223
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 52.217 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067736.D
 Acq: 23 Nov 2020 09:55

Tgt Ion:119 Resp: 513545
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 38.9
 91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 49.950 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

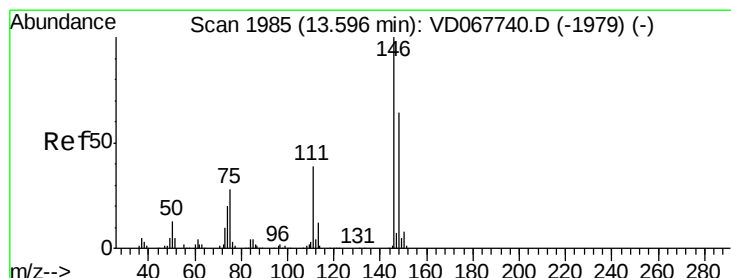
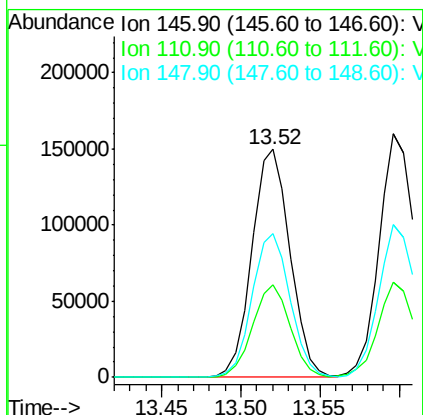
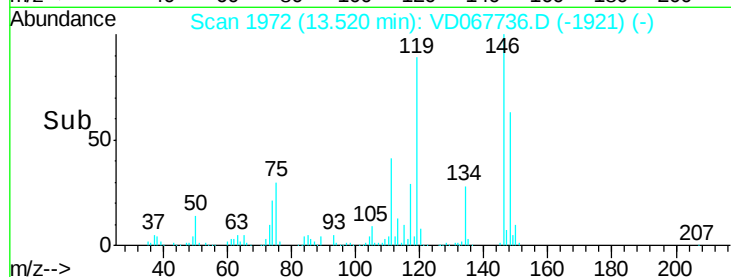
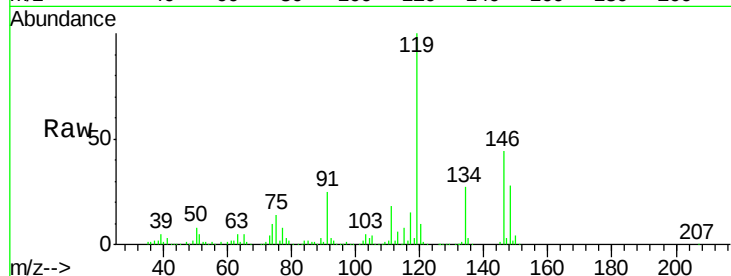
Tot Ion:146 Resp: 250253

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.6

148 63.1 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 50.527 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

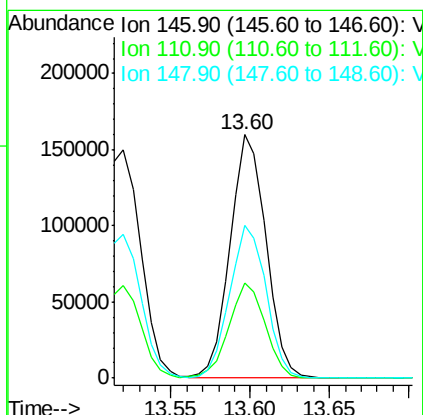
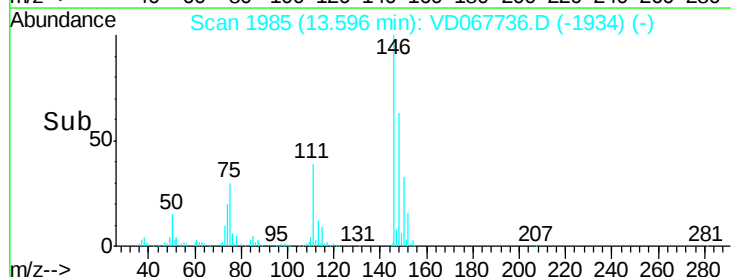
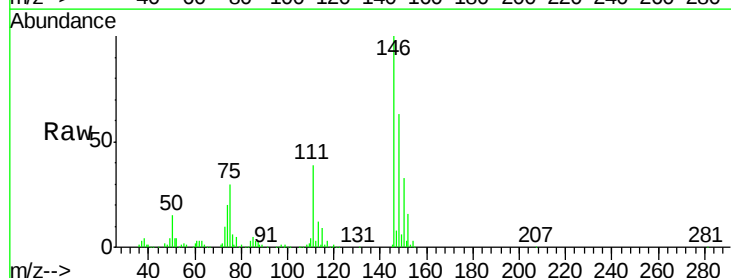
Tgt Ion:146 Resp: 250761

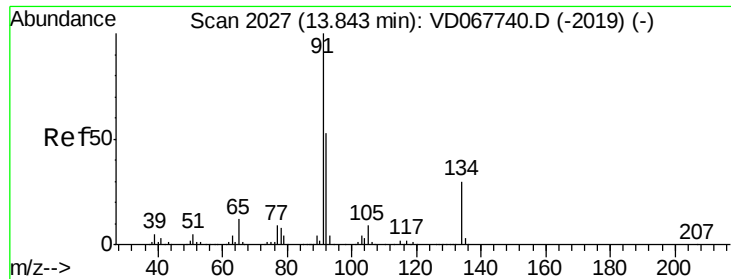
Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.4

148 63.7 31.6 94.8

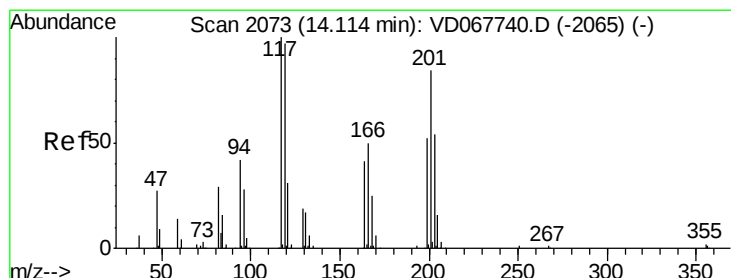
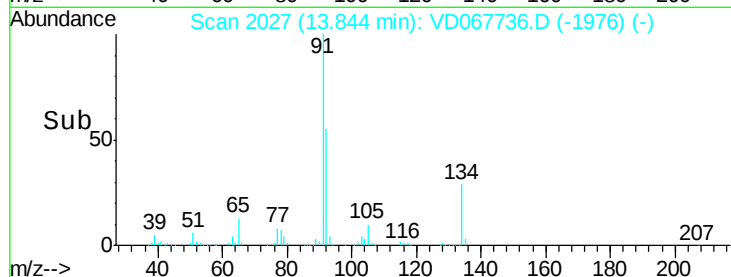
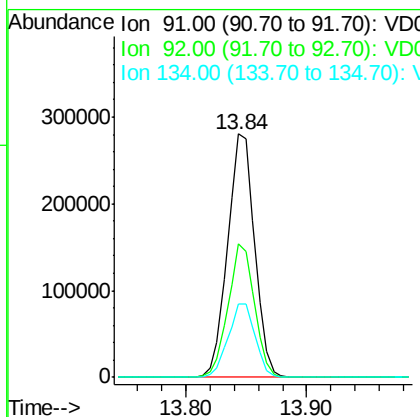
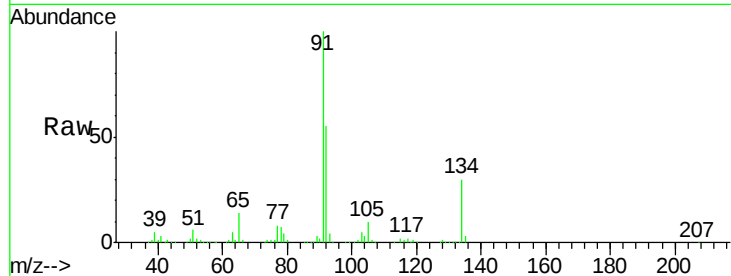




#89
n-Butylbenzene
Concen: 51.676 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

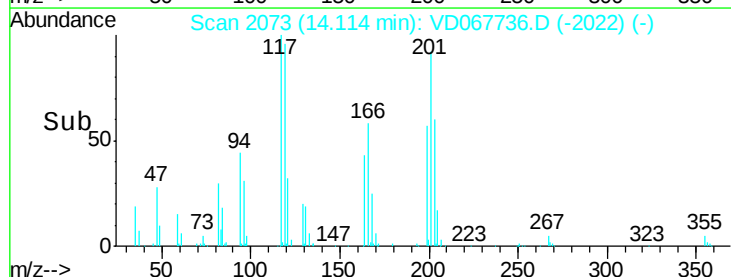
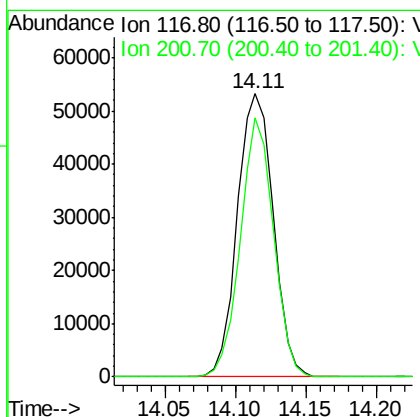
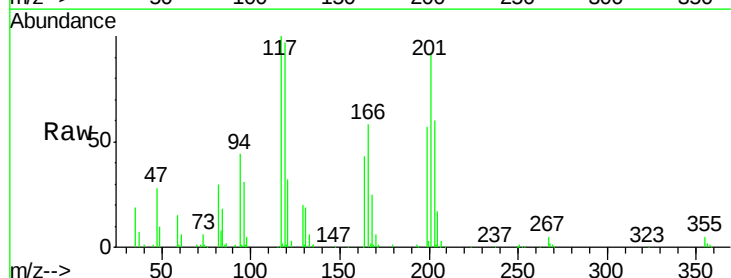
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

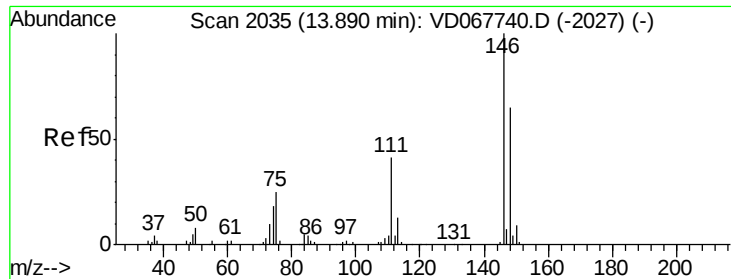
Tot Ion: 91 Resp: 435517
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 30.3 14.8 44.3



#90
Hexachloroethane
Concen: 50.612 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067736.D
Acq: 23 Nov 2020 09:55

Tgt Ion: 117 Resp: 94755
Ion Ratio Lower Upper
117 100
201 84.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 50.170 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

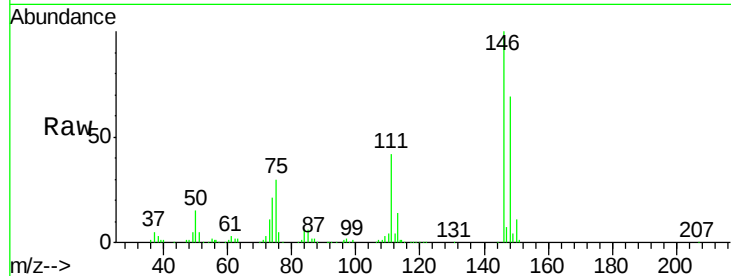
Tot Ion:146 Resp: 216527

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

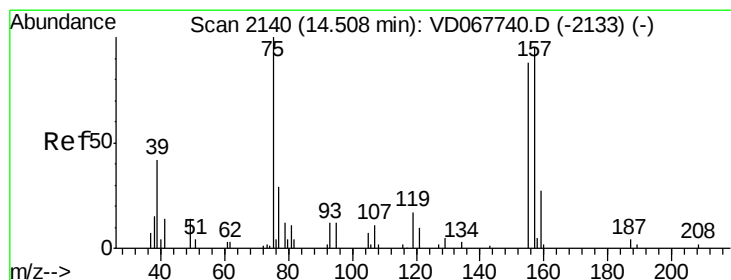
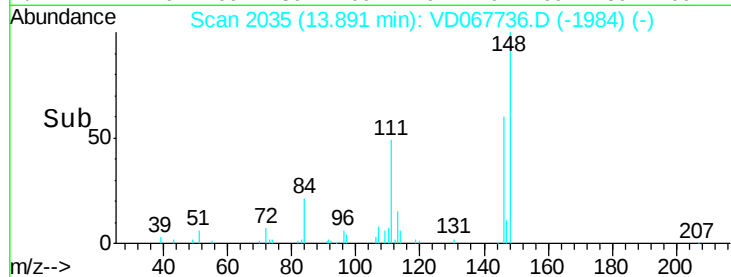
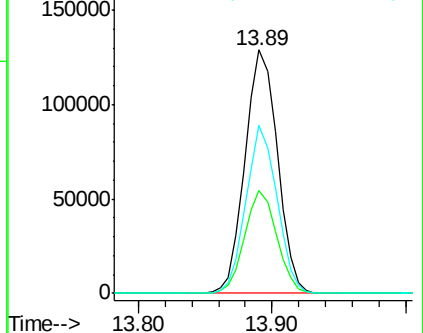
148 65.9 32.4 97.2



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: 49.339 ug/l

RT: 14.50 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

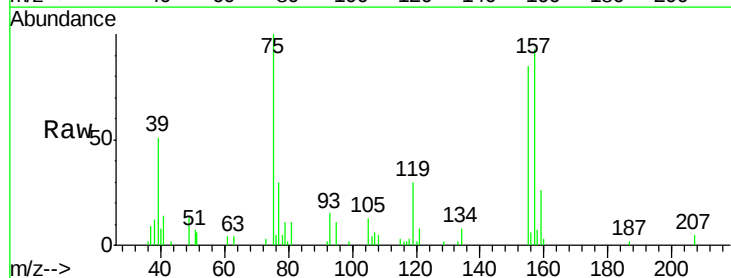
Tgt Ion: 75 Resp: 14763

Ion Ratio Lower Upper

75 100

155 85.5 41.0 123.0

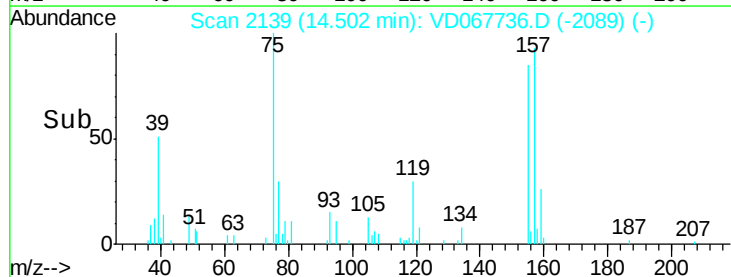
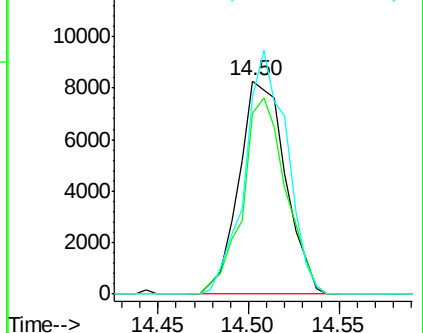
157 102.8 51.1 153.4

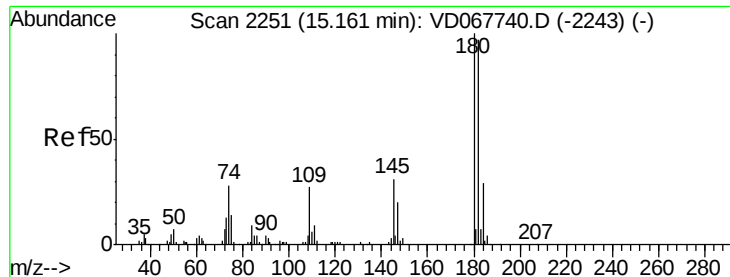


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.267 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

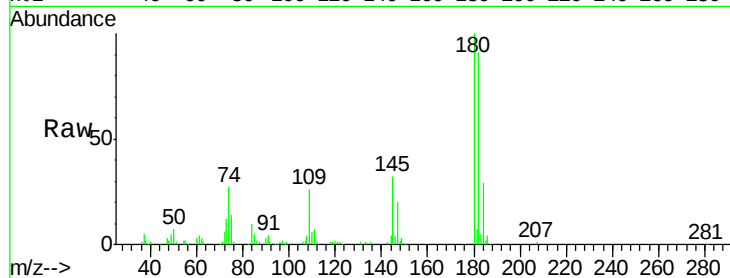
Tot Ion:180 Resp: 153609

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.2

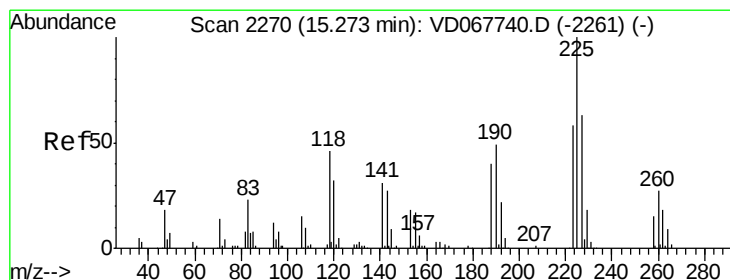
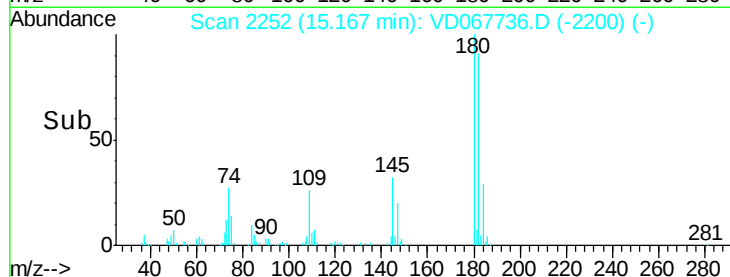
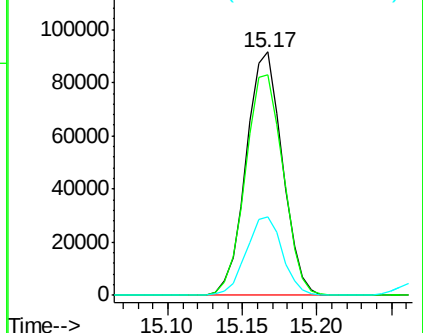
145 32.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 52.351 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.01 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

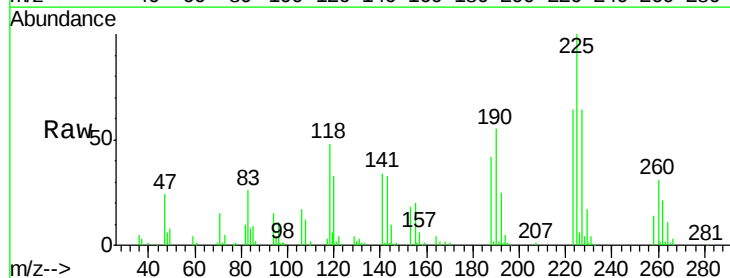
Tgt Ion:225 Resp: 102214

Ion Ratio Lower Upper

225 100

223 62.7 31.5 94.5

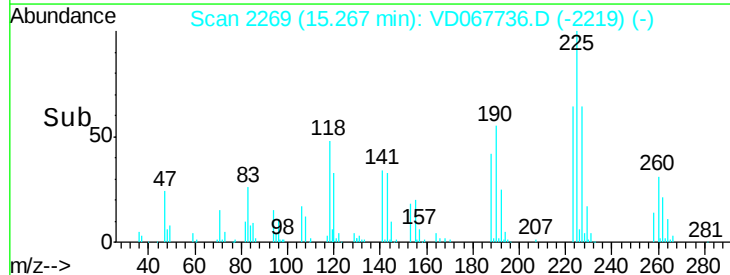
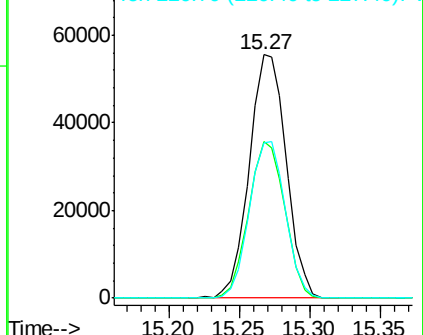
227 62.5 32.9 98.7

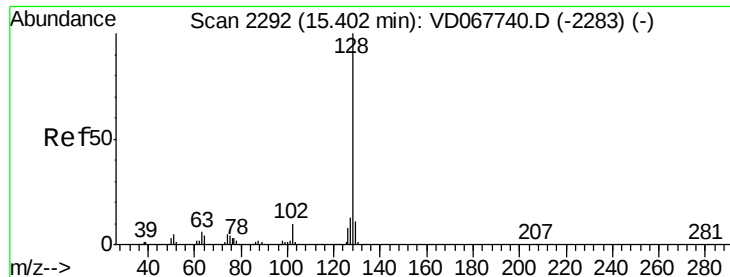


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.389 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

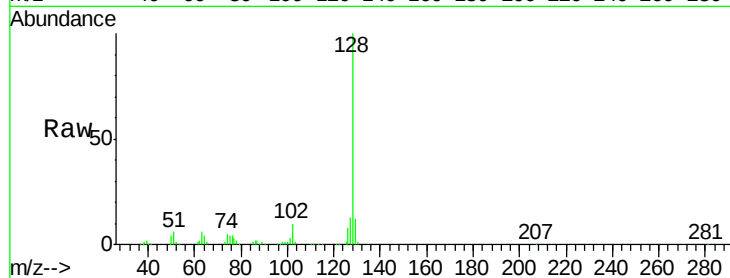
Tot Ion:128 Resp: 249204

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

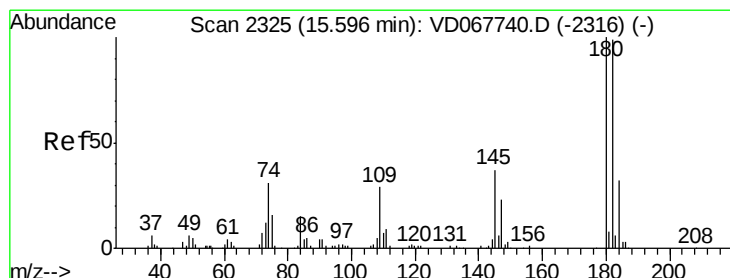
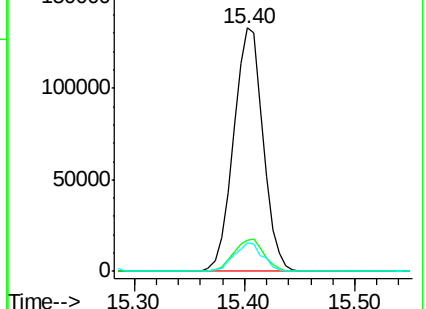
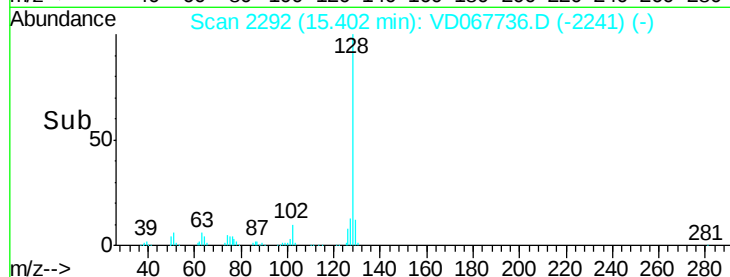
129 11.3 8.6 12.8



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: 51.067 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067736.D

Acq: 23 Nov 2020 09:55

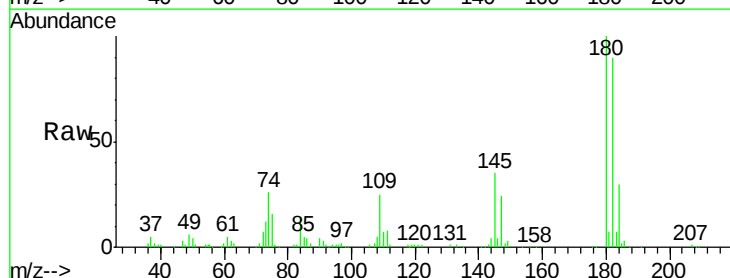
Tgt Ion:180 Resp: 132927

Ion Ratio Lower Upper

180 100

182 94.0 48.0 144.0

145 33.8 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

