

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067784.D
 Acq On : 25 Nov 2020 13:54
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Quant Time: Nov 26 00:24:13 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	254575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	367132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	336425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	135135	54.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.18%
35) Dibromofluoromethane	7.92	113	128731	55.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.20%
50) Toluene-d8	10.34	98	462337	54.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.24%
62) 4-Bromofluorobenzene	12.64	95	157508	53.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	41108	18.555	ug/l	95
3) Chloromethane	2.21	50	26203	21.245	ug/l	96
4) Vinyl Chloride	2.35	62	29069	18.809	ug/l	91
5) Bromomethane	2.76	94	27134	20.607	ug/l	93
6) Chloroethane	2.92	64	20728	20.124	ug/l	99
7) Trichlorofluoromethane	3.27	101	91030	19.302	ug/l	92
8) Diethyl Ether	3.71	74	18638	19.574	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	43402	19.218	ug/l	97
10) Methyl Iodide	4.30	142	42495	18.384	ug/l	99
11) Tert butyl alcohol	5.23	59	19107	126.168	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	40588	19.423	ug/l	95
13) Acrolein	3.91	56	11350	110.626	ug/l	93
14) Allyl chloride	4.72	41	39836	19.721	ug/l	98
15) Acrylonitrile	5.42	53	34220	103.185	ug/l	100
16) Acetone	4.15	43	29929	93.595	ug/l #	83
17) Carbon Disulfide	4.41	76	112481	18.610	ug/l	98
18) Methyl Acetate	4.71	43	12054	18.737	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	85770	19.205	ug/l	98
20) Methylene Chloride	4.97	84	52273	16.790	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	45052	18.963	ug/l	95
22) Diisopropyl ether	6.36	45	83187	20.862	ug/l	90
23) Vinyl Acetate	6.31	43	226842	100.852	ug/l	97
24) 1,1-Dichloroethane	6.27	63	67870	20.076	ug/l	98
25) 2-Butanone	7.21	43	37060	103.280	ug/l	89
26) 2,2-Dichloropropane	7.21	77	78877	19.778	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	50431	19.915	ug/l	99
28) Bromochloromethane	7.55	49	21022	19.413	ug/l	96
29) Tetrahydrofuran	7.57	42	20941	102.643	ug/l	98
30) Chloroform	7.71	83	91853	20.778	ug/l	93
31) Cyclohexane	7.98	56	56273	18.789	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	92677	19.795	ug/l	98
36) 1,1-Dichloropropene	8.11	75	61677	19.578	ug/l	100
37) Ethyl Acetate	7.30	43	16793	19.824	ug/l	97
38) Carbon Tetrachloride	8.10	117	88962	19.481	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067784.D
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 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Quant Time: Nov 26 00:24:13 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	70345	18.868	ug/l	91
40) Benzene	8.36	78	174715	20.193	ug/l	100
41) Methacrylonitrile	7.53	41	8015	18.529	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	58835	20.040	ug/l	99
43) Isopropyl Acetate	8.46	43	33639	19.885	ug/l	97
44) Trichloroethene	9.12	130	56647	19.754	ug/l	95
45) 1,2-Dichloropropane	9.39	63	35467	19.977	ug/l	100
46) Dibromomethane	9.48	93	24275	20.083	ug/l	95
47) Bromodichloromethane	9.67	83	70379	20.910	ug/l	100
48) Methyl methacrylate	9.46	41	14823	17.526	ug/l	93
49) 1,4-Dioxane	9.46	88	5568	425.067	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	77924	97.889	ug/l	97
52) Toluene	10.41	92	121831	20.756	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60247	20.488	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	64913	19.506	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	33129	20.427	ug/l	91
56) Ethyl methacrylate	10.66	69	33439	19.915	ug/l	98
57) 1,3-Dichloropropane	10.95	76	51704	20.220	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	73039	93.097	ug/l	100
59) 2-Hexanone	10.99	43	52214	92.902	ug/l	100
60) Dibromochloromethane	11.14	129	51064	20.662	ug/l	99
61) 1,2-Dibromoethane	11.26	107	31915	19.972	ug/l	98
64) Tetrachloroethene	10.88	164	53314	20.418	ug/l	94
65) Chlorobenzene	11.67	112	133368	20.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	57183	21.379	ug/l	98
67) Ethyl Benzene	11.75	91	229458	20.101	ug/l	99
68) m/p-Xylenes	11.86	106	184793	41.600	ug/l	98
69) o-Xylene	12.18	106	82633	20.431	ug/l	99
70) Styrene	12.20	104	143485	20.828	ug/l	99
71) Bromoform	12.36	173	29532	20.339	ug/l #	100
73) Isopropylbenzene	12.48	105	232811	20.938	ug/l	100
74) N-amyl acetate	12.29	43	28734	19.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	30246	20.269	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	45189	38.368	ug/l #	100
77) Bromobenzene	12.77	156	58598	21.053	ug/l	98
78) n-propylbenzene	12.83	91	261915	21.173	ug/l	99
79) 2-Chlorotoluene	12.91	91	153577	20.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	204993	21.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9189	18.248	ug/l	91
82) 4-Chlorotoluene	13.01	91	166238	21.302	ug/l	99
83) tert-Butylbenzene	13.23	119	164646	19.813	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	205678	21.290	ug/l	98
85) sec-Butylbenzene	13.40	105	228127	20.896	ug/l	100
86) p-Isopropyltoluene	13.52	119	221156	20.915	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	111300	20.662	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	110730	20.752	ug/l	97
89) n-Butylbenzene	13.85	91	183361	20.235	ug/l	98
90) Hexachloroethane	14.11	117	40309	20.025	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	97662	21.046	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5728	17.805	ug/l	86

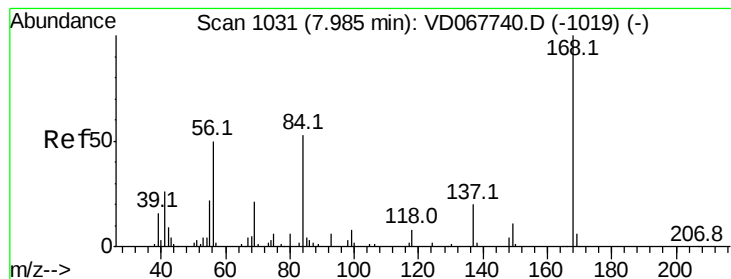
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
Data File : VD067784.D
Acq On : 25 Nov 2020 13:54
Operator : VA/SY
Sample : VD1125SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

Quant Time: Nov 26 00:24:13 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	65516	19.940	ug/l	98
94) Hexachlorobutadiene	15.27	225	43413	20.680	ug/l	97
95) Naphthalene	15.40	128	105532	19.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	58034	20.736	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: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

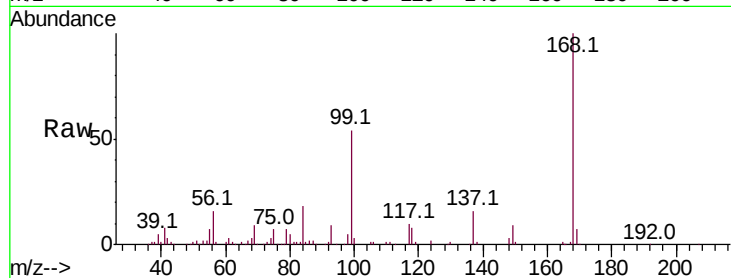
VD1125SBSD01

Tot Ion:168 Resp: 254575

Ion Ratio Lower Upper

168 100

99 53.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

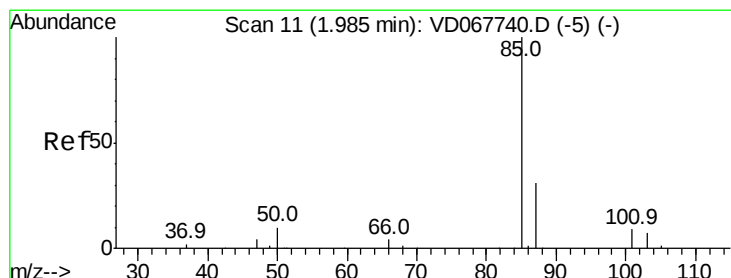
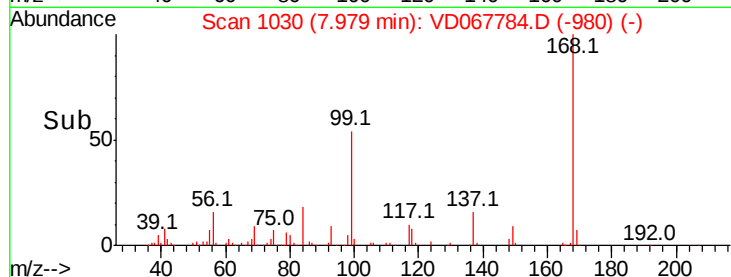
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.555 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067784.D

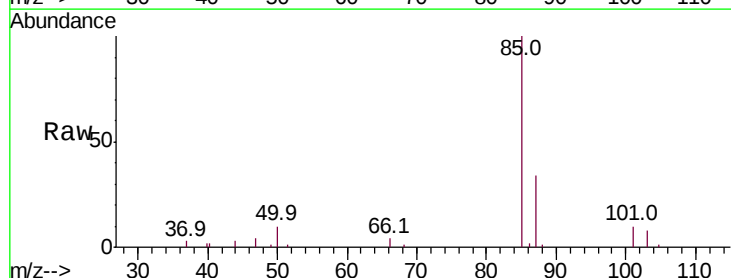
Acq: 25 Nov 2020 13:54

Tgt Ion: 85 Resp: 41108

Ion Ratio Lower Upper

85 100

87 33.6 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

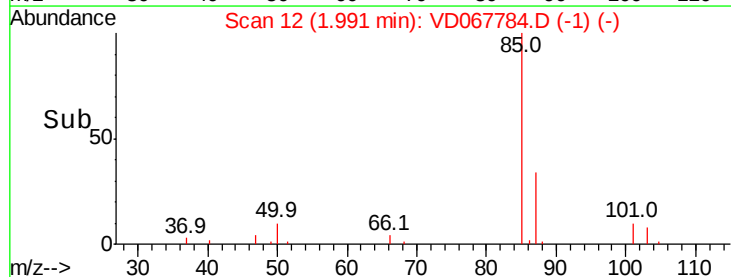
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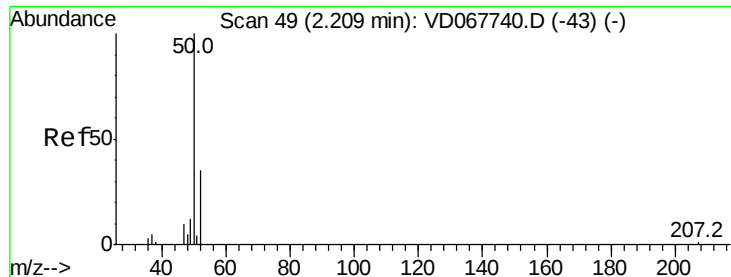
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.245 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

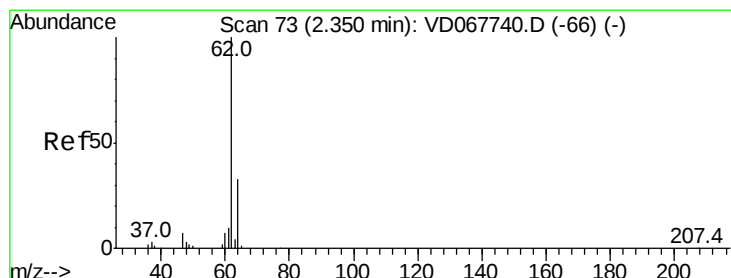
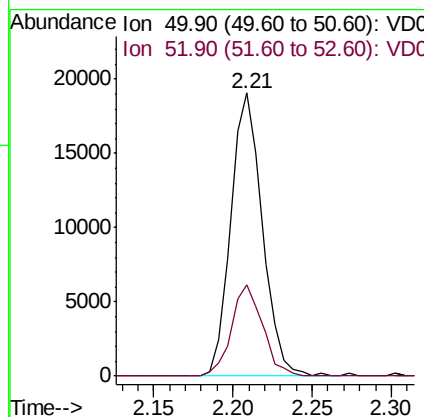
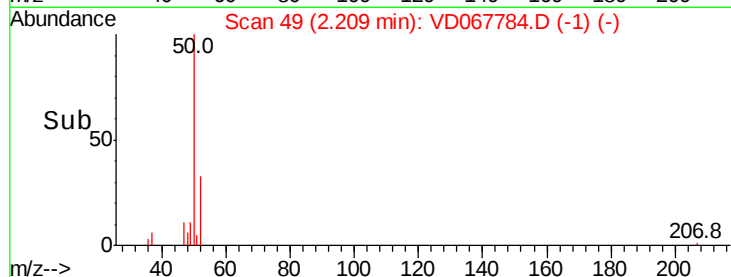
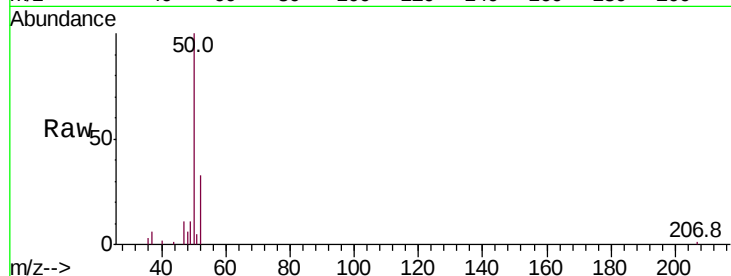
VD1125SBS01

Tot Ion: 50 Resp: 26203

Ion Ratio Lower Upper

50 100

52 32.5 27.8 41.8



#4

Vinyl Chloride

Concen: 18.809 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067784.D

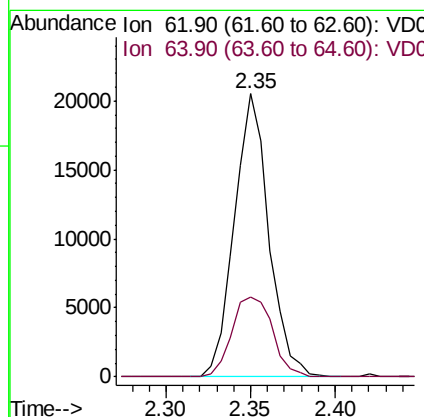
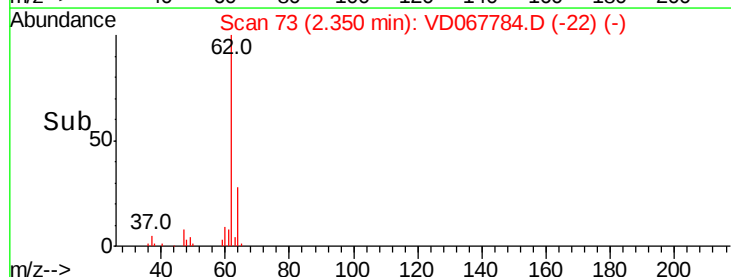
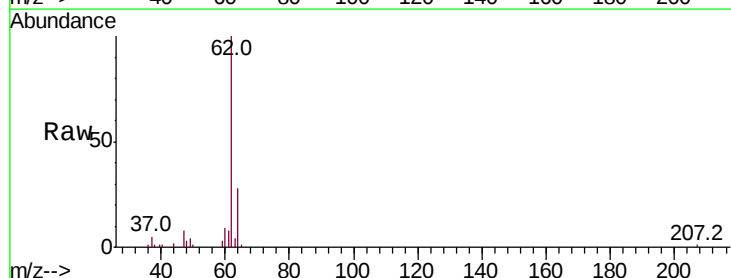
Acq: 25 Nov 2020 13:54

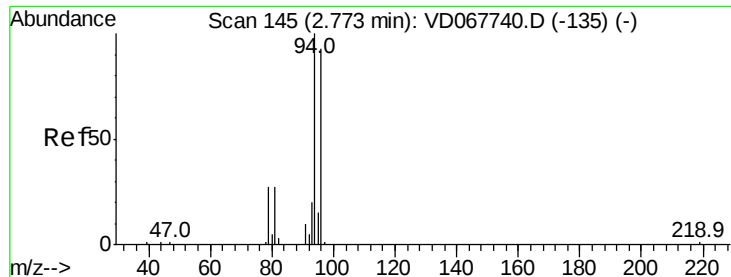
Tgt Ion: 62 Resp: 29069

Ion Ratio Lower Upper

62 100

64 28.4 26.6 40.0





#5

Bromomethane

Concen: 20.607 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

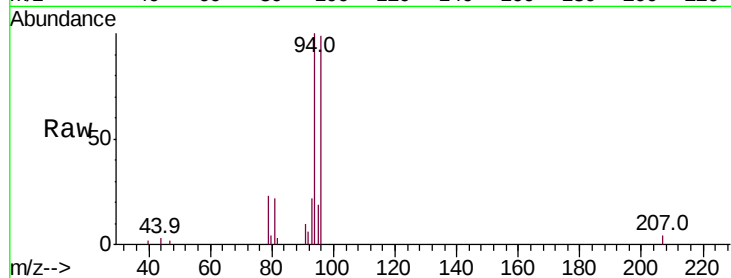
VD1125SBS01

Tot Ion: 94 Resp: 27134

Ion Ratio Lower Upper

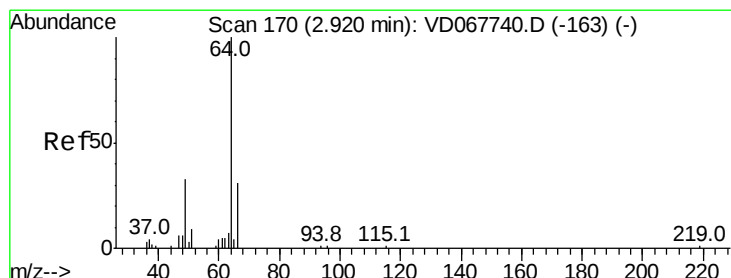
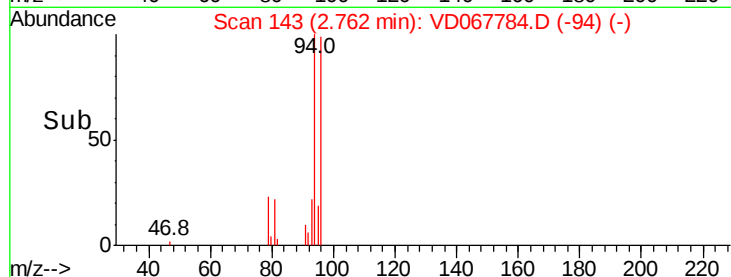
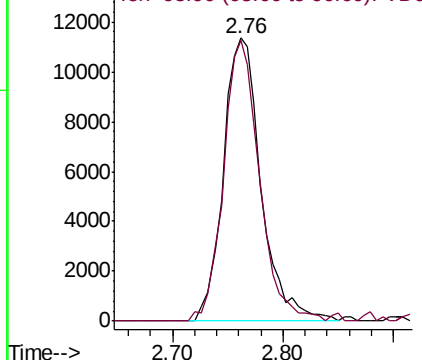
94 100

96 99.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.124 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067784.D

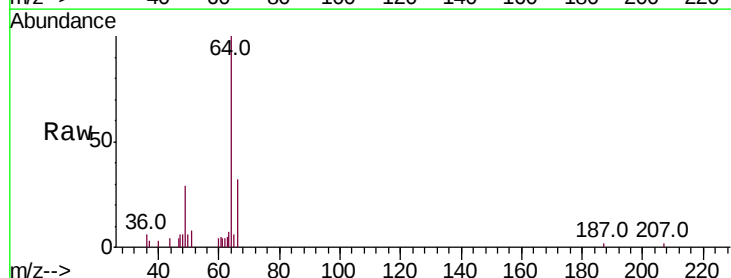
Acq: 25 Nov 2020 13:54

Tgt Ion: 64 Resp: 20728

Ion Ratio Lower Upper

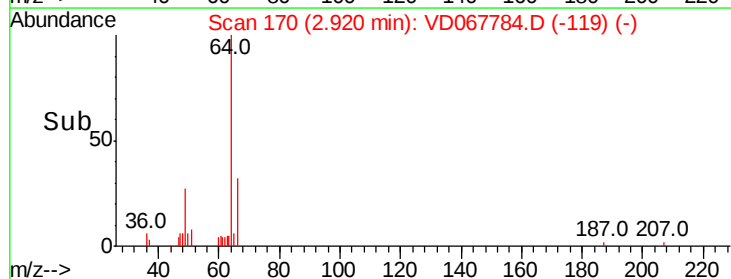
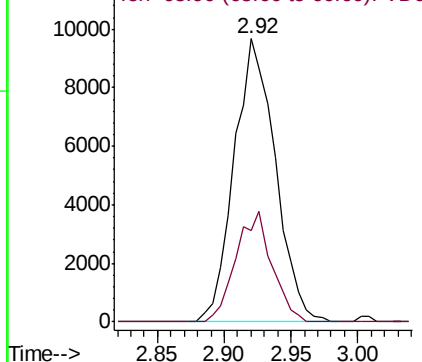
64 100

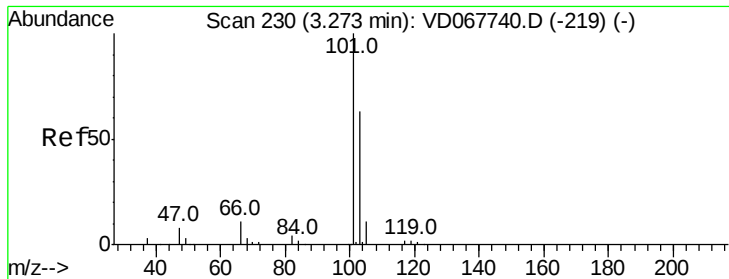
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



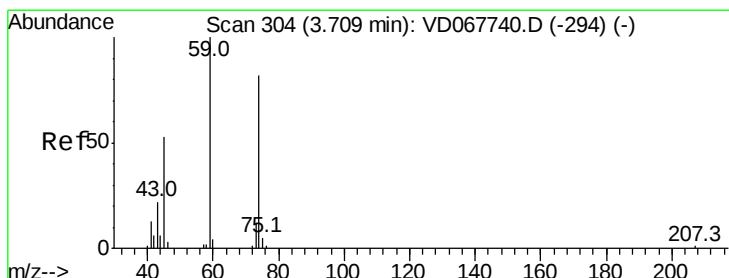
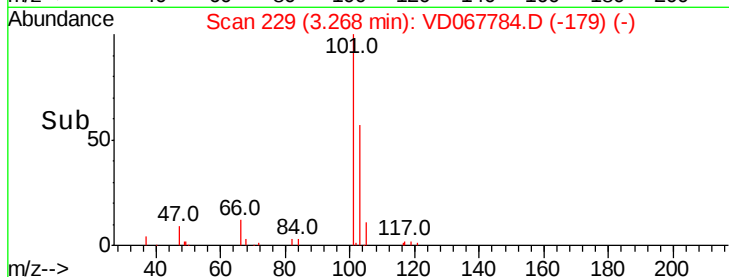
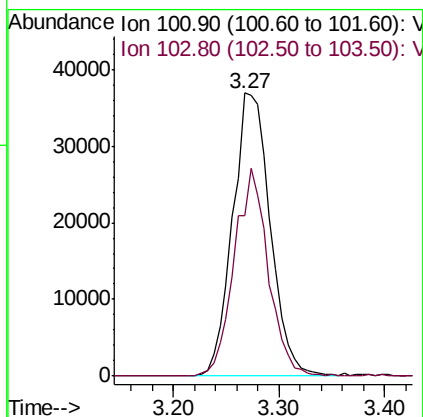
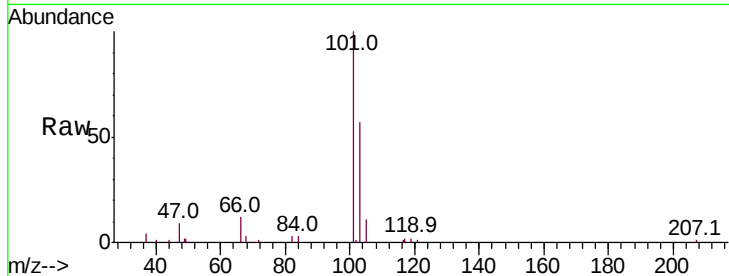


#7

Trichlorofluoromethane
Concen: 19.302 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

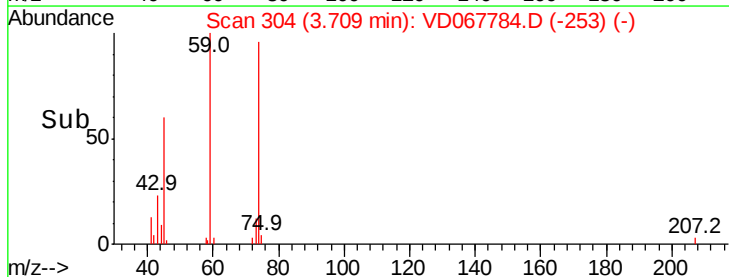
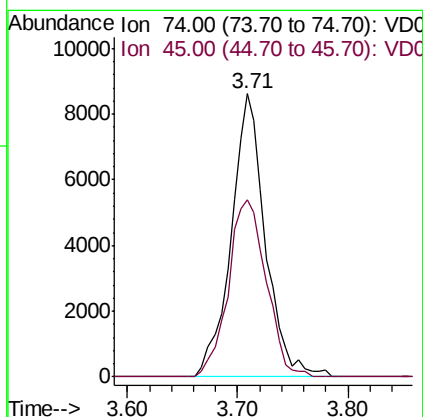
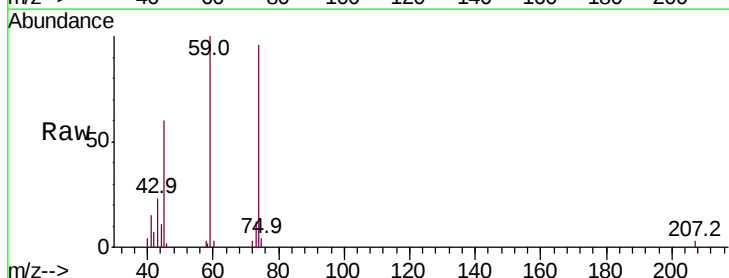
Tot Ion:101 Resp: 91030
Ion Ratio Lower Upper
101 100
103 56.8 50.3 75.5

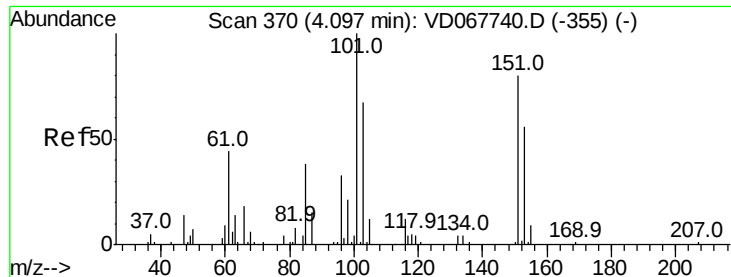


#8

Diethyl Ether
Concen: 19.574 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 74 Resp: 18638
Ion Ratio Lower Upper
74 100
45 69.5 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.218 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

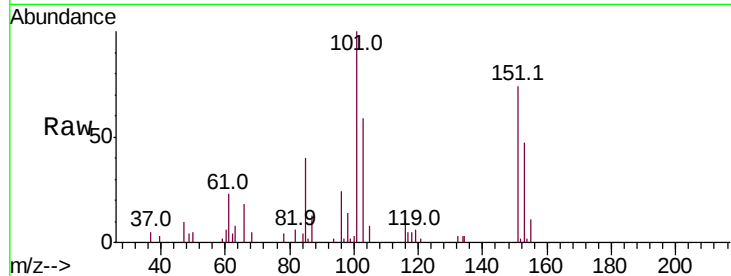
Tot Ion:101 Resp: 43402

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

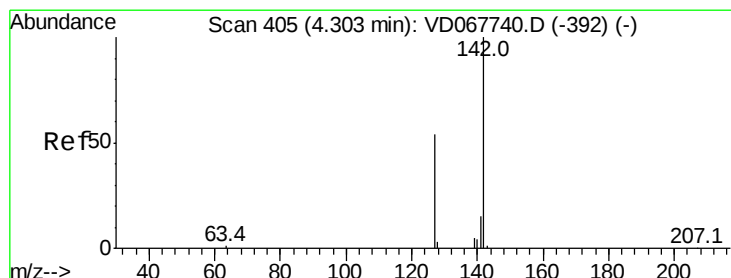
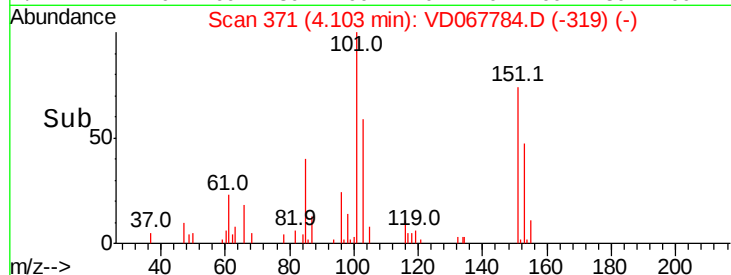
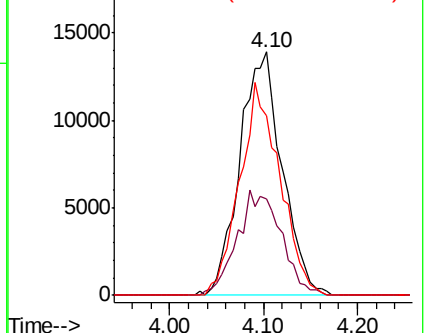
151 82.9 69.4 104.0



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: 18.384 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

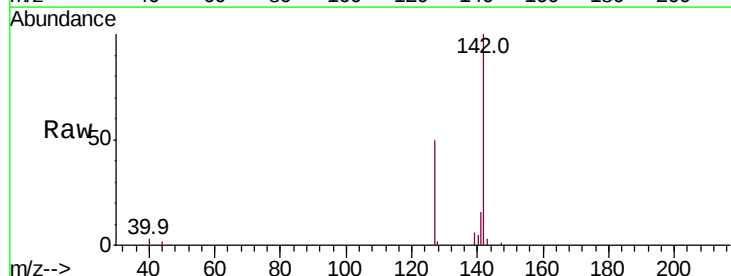
Tgt Ion:142 Resp: 42495

Ion Ratio Lower Upper

142 100

127 52.8 42.2 63.2

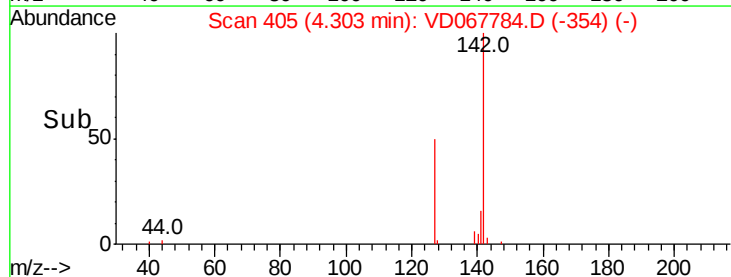
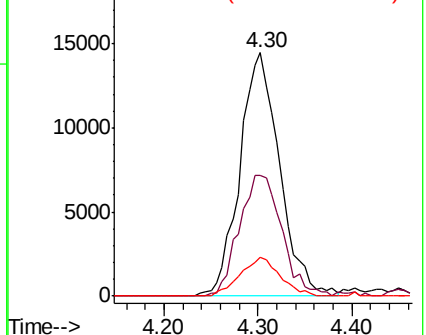
141 16.0 11.8 17.6

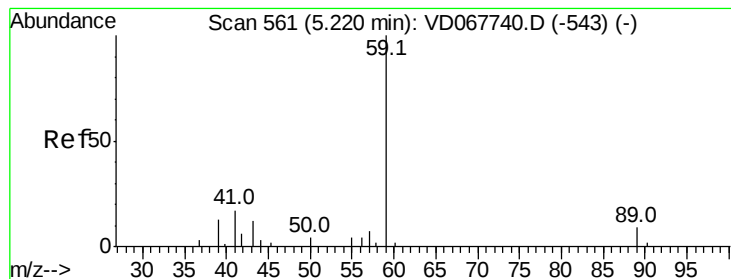


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



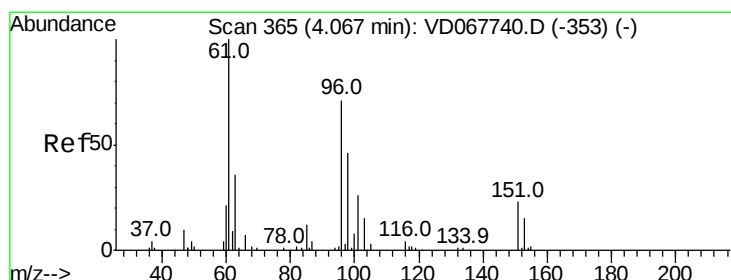
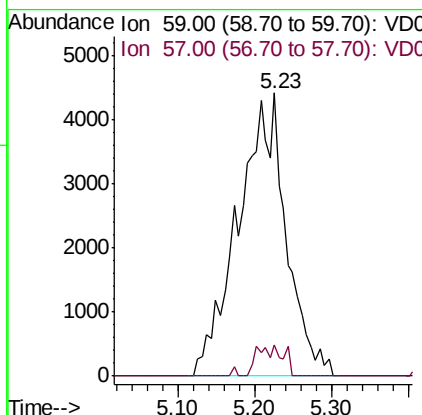
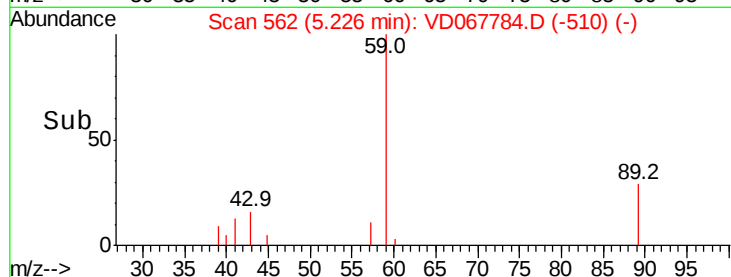
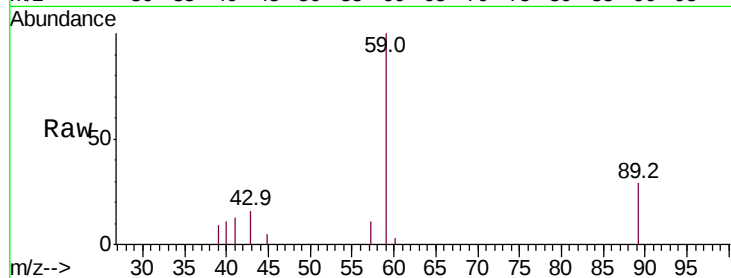


#11

Tert butyl alcohol
Concen: 126.168 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

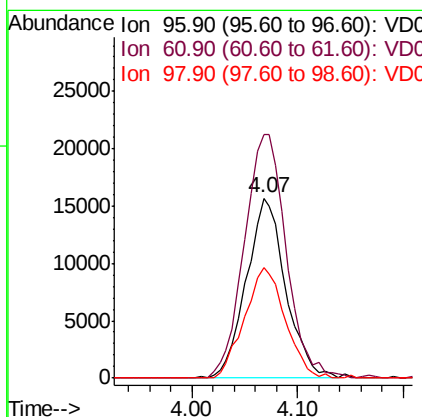
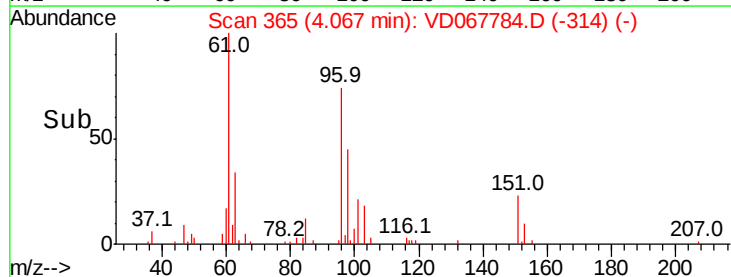
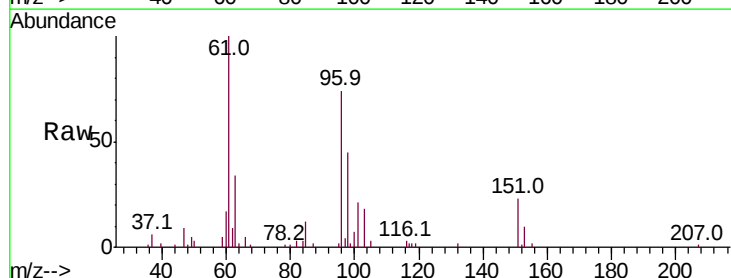
Tot Ion: 59 Resp: 19107
Ion Ratio Lower Upper
59 100
57 6.0 3.4 5.0#

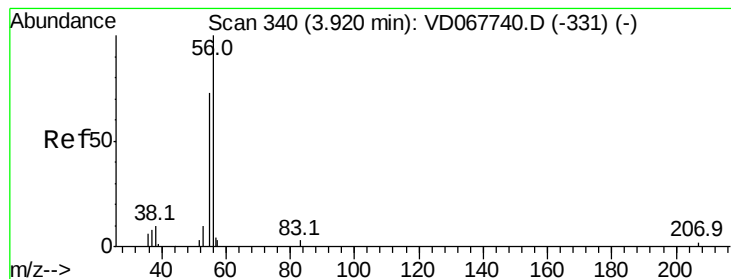


#12

1,1-Dichloroethene
Concen: 19.423 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 96 Resp: 40588
Ion Ratio Lower Upper
96 100
61 135.4 112.9 169.3
98 61.1 52.4 78.6





#13

Acrolein

Concen: 110.626 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

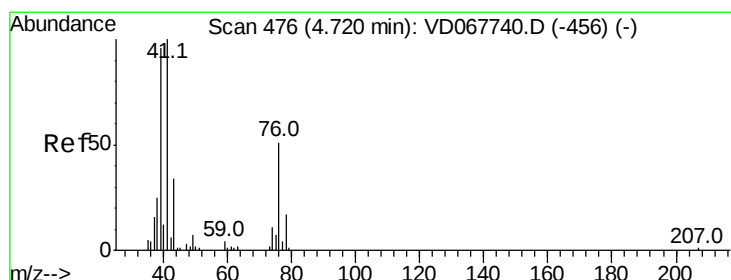
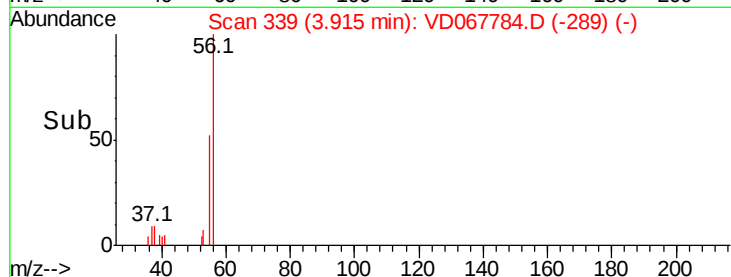
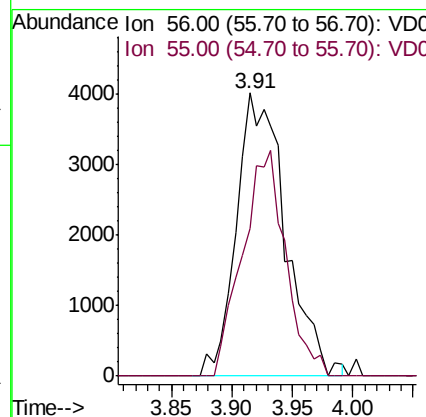
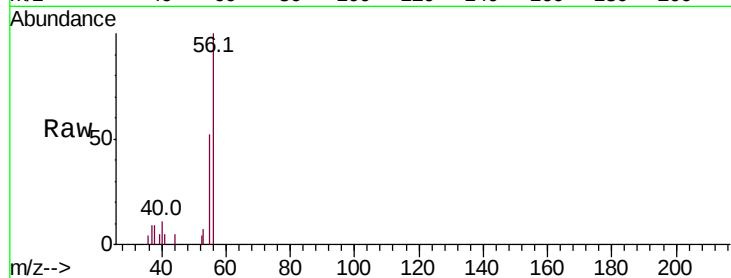
VD1125SBSD01

Tot Ion: 56 Resp: 11350

Ion Ratio Lower Upper

56 100

55 70.2 61.2 91.8



#14

Allyl chloride

Concen: 19.721 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

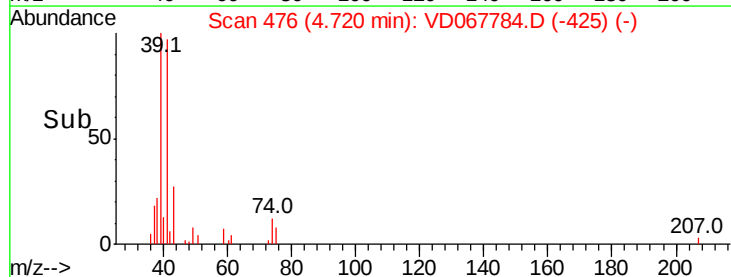
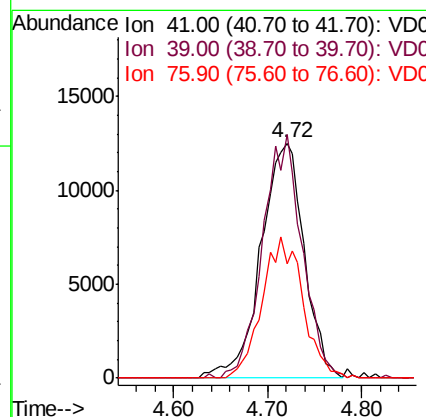
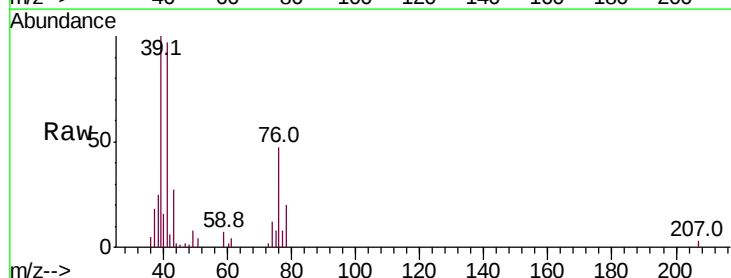
Tgt Ion: 41 Resp: 39836

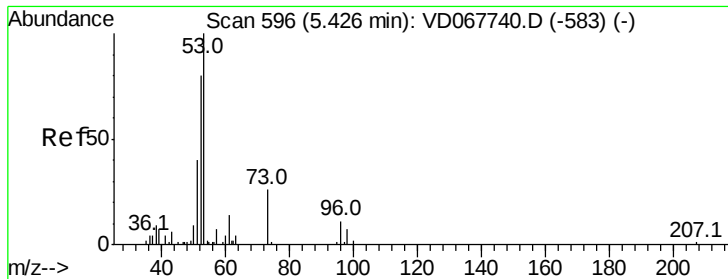
Ion Ratio Lower Upper

41 100

39 94.8 74.6 111.8

76 56.6 43.3 64.9





#15

Acrylonitrile

Concen: 103.185 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

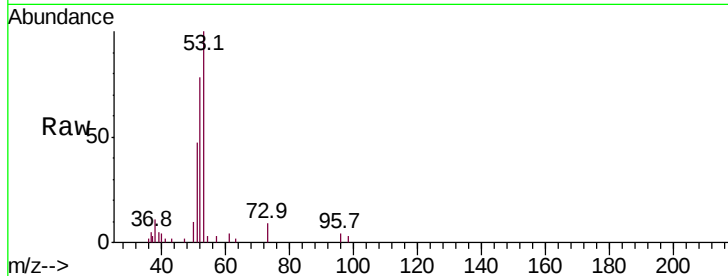
MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 53 Resp: 34220

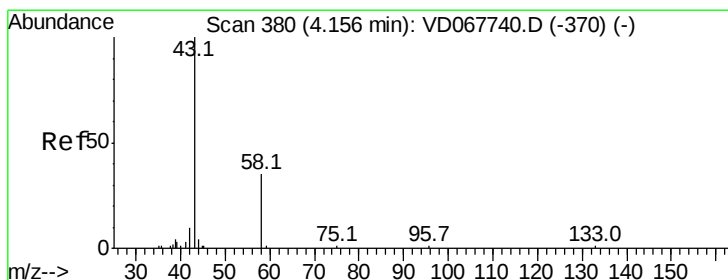
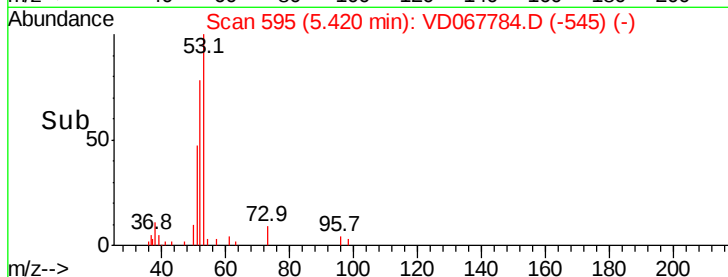
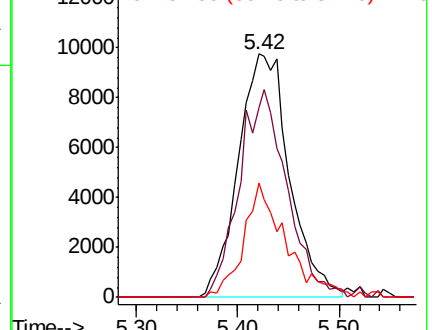
Ion	Ratio	Lower	Upper
53	100		
52	79.4	63.4	95.2
51	38.7	31.4	47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 93.595 ug/l

RT: 4.15 min Scan# 379

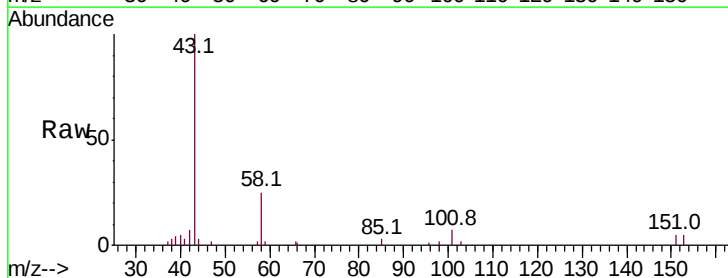
Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

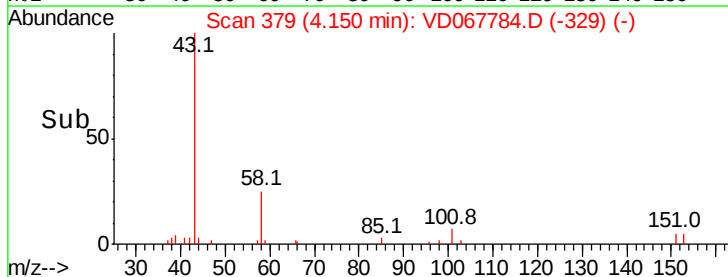
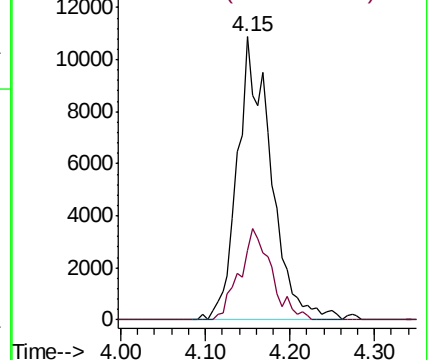
Tgt Ion: 43 Resp: 29929

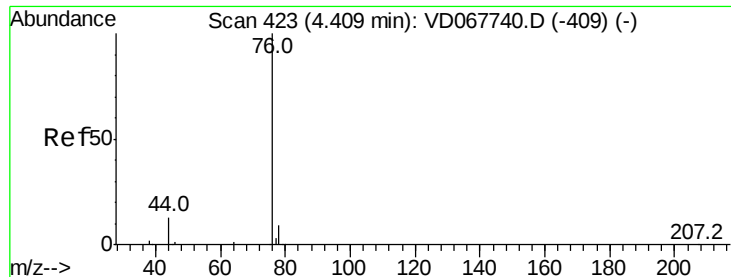
Ion	Ratio	Lower	Upper
43	100		
58	24.8	27.6	41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

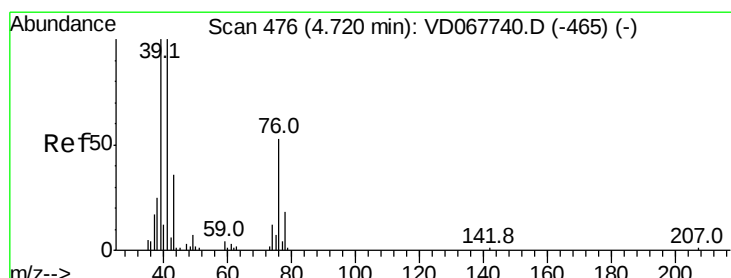
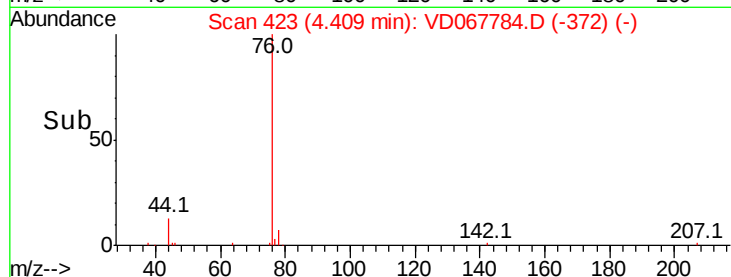
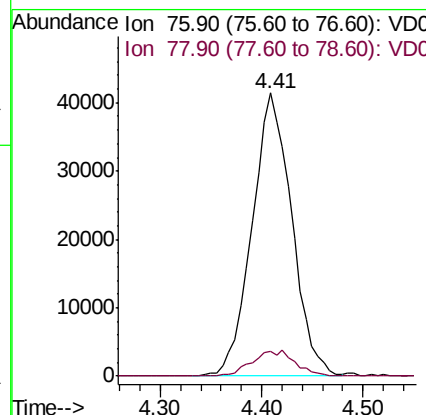
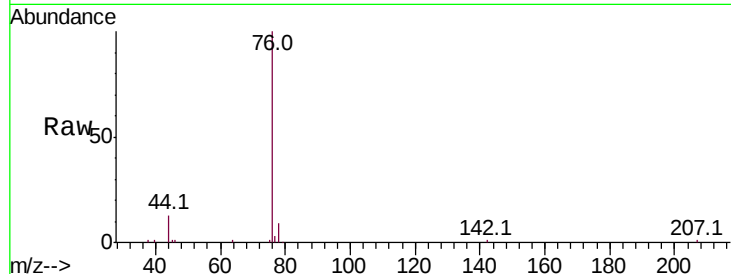




#17
Carbon Disulfide
Concen: 18.610 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

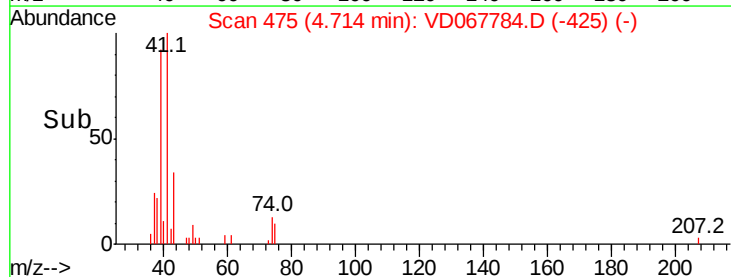
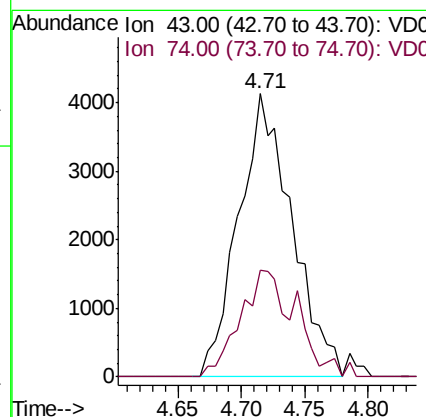
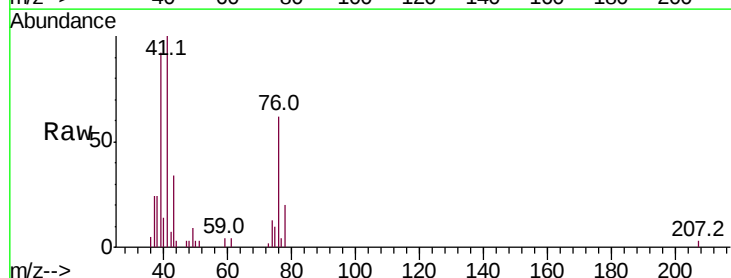
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

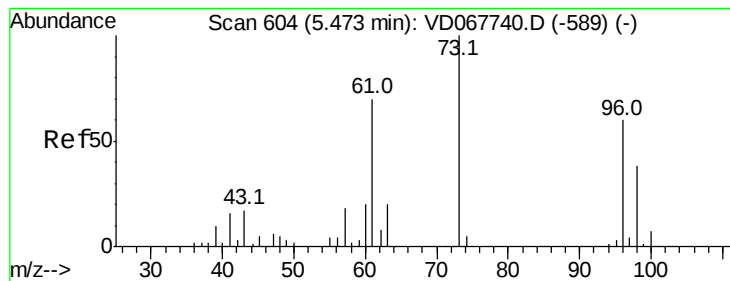
Tot Ion: 76 Resp: 112481
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 18.737 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 43 Resp: 12054
Ion Ratio Lower Upper
43 100
74 40.0 29.7 44.5



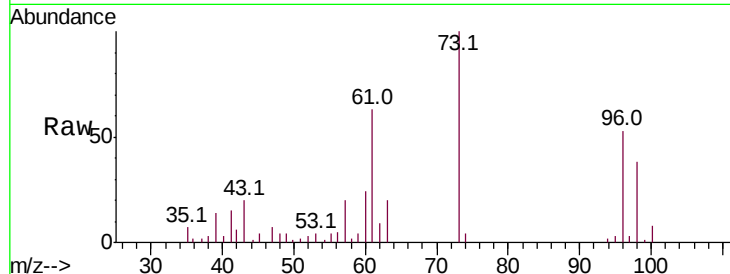


#19

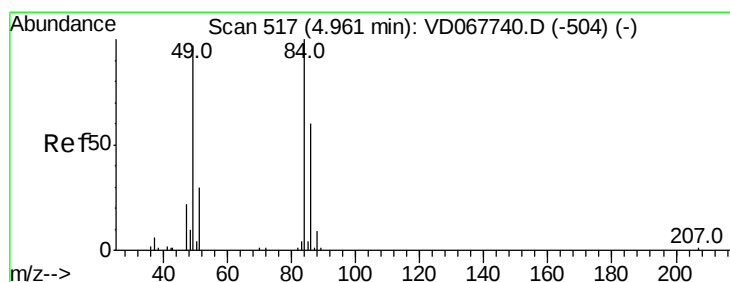
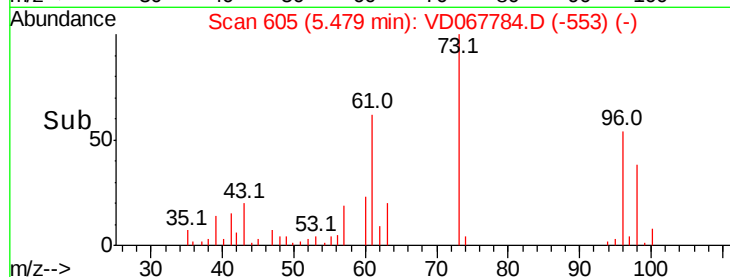
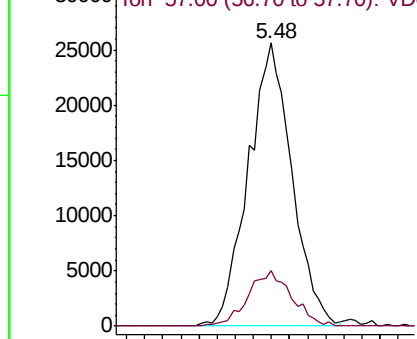
Methyl tert-butyl Ether
Concen: 19.205 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion: 73 Resp: 85770
Ion Ratio Lower Upper
73 100
57 19.5 14.8 22.2



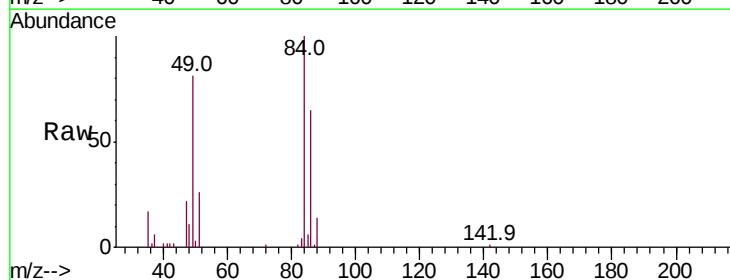
Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



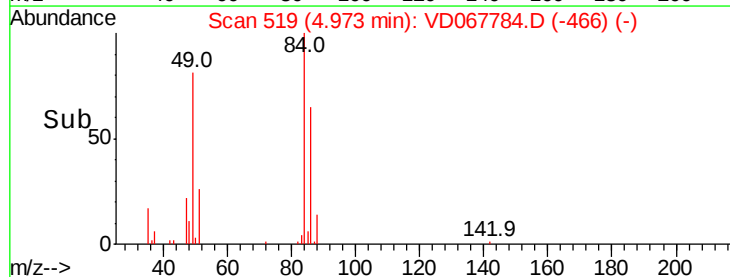
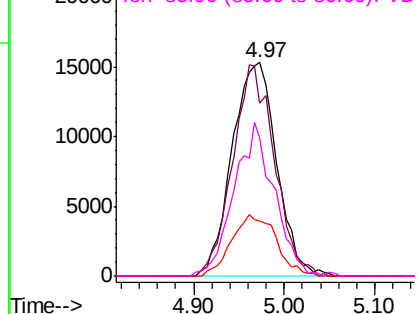
#20

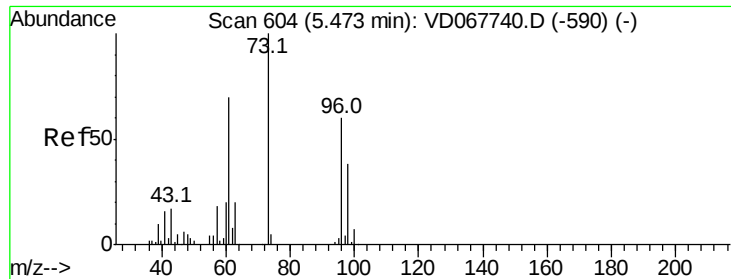
Methylene Chloride
Concen: 16.790 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 84 Resp: 52273
Ion Ratio Lower Upper
84 100
49 81.0 77.4 116.2
51 26.0 24.1 36.1
86 65.0 48.2 72.2



Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 18.963 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

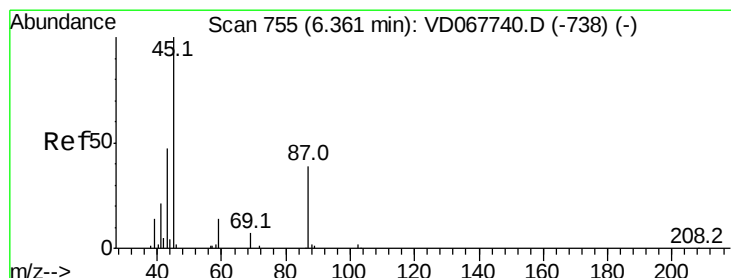
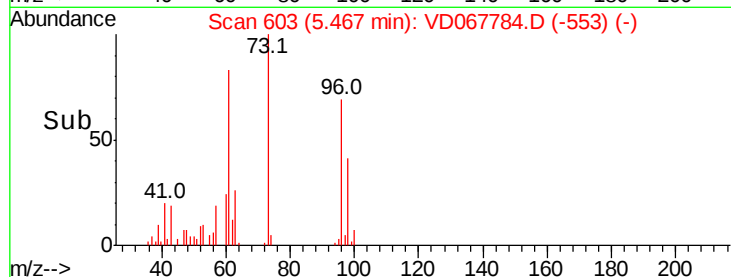
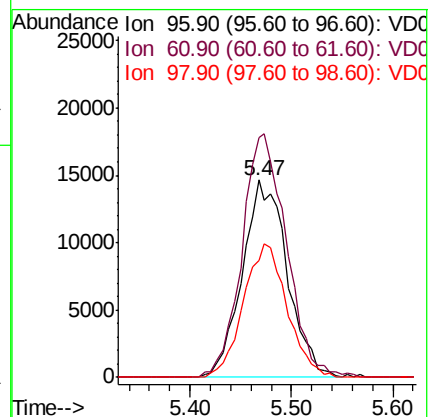
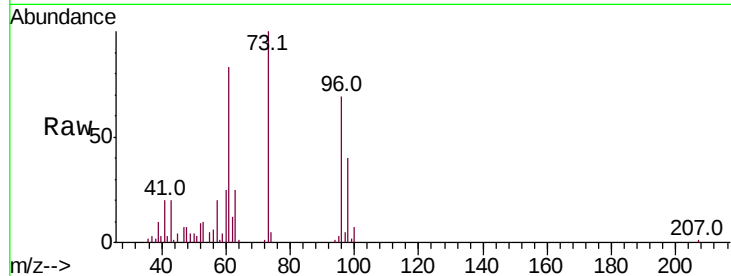
Tot Ion: 96 Resp: 45052

Ion Ratio Lower Upper

96 100

61 121.4 94.0 141.0

98 59.0 51.3 76.9



#22

Diisopropyl ether

Concen: 20.862 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion: 45 Resp: 83187

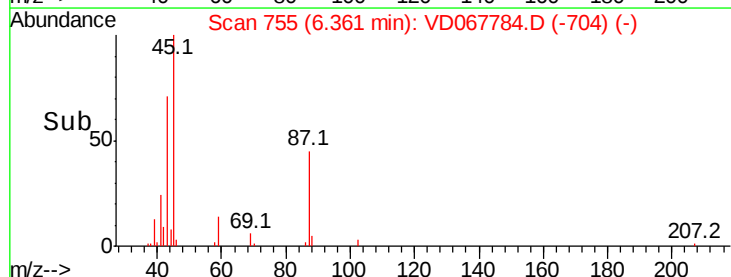
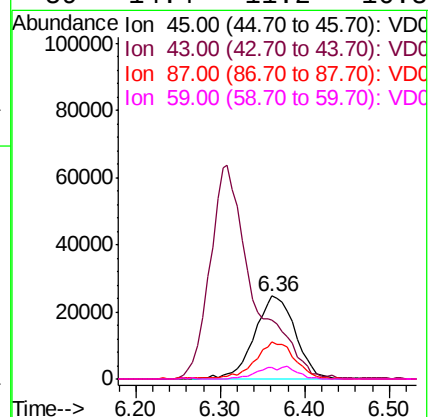
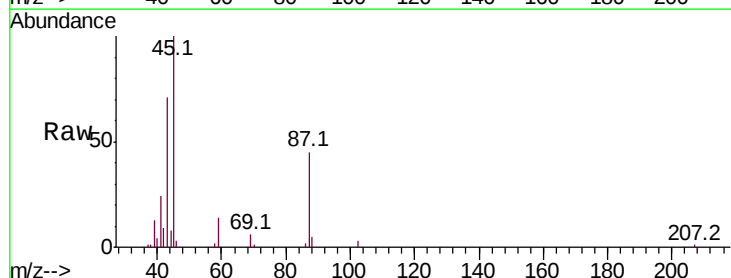
Ion Ratio Lower Upper

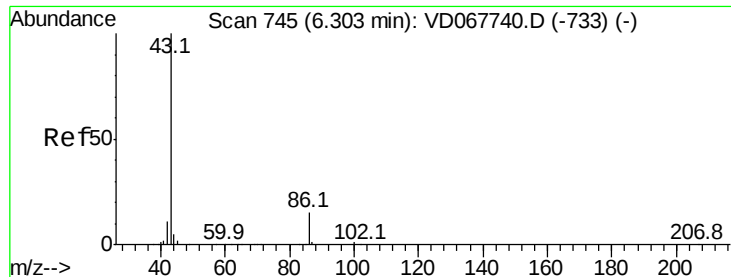
45 100

43 69.4 46.8 70.2

87 44.8 32.9 49.3

59 14.4 11.2 16.8





#23

Vinyl Acetate

Concen: 100.852 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

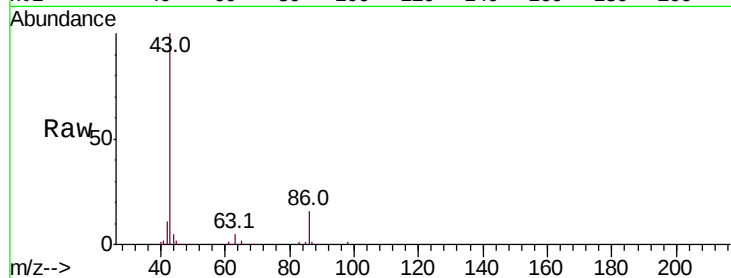
VD1125SBS01

Tot Ion: 43 Resp: 226842

Ion Ratio Lower Upper

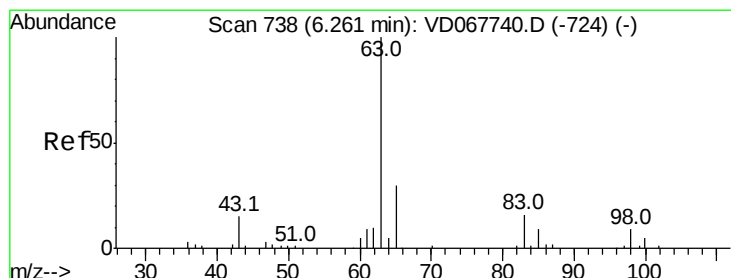
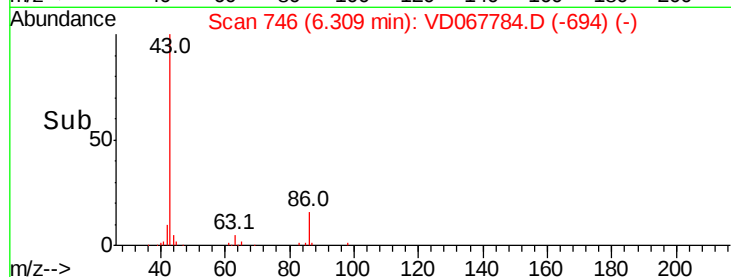
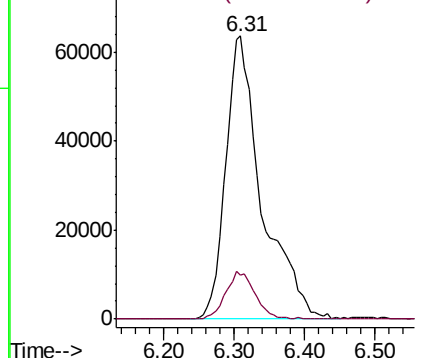
43 100

86 15.7 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.076 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

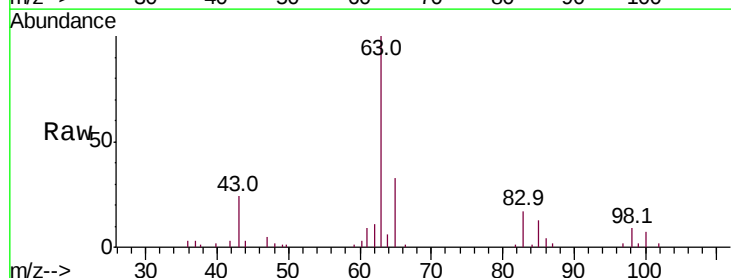
Tgt Ion: 63 Resp: 67870

Ion Ratio Lower Upper

63 100

98 9.2 4.4 13.2

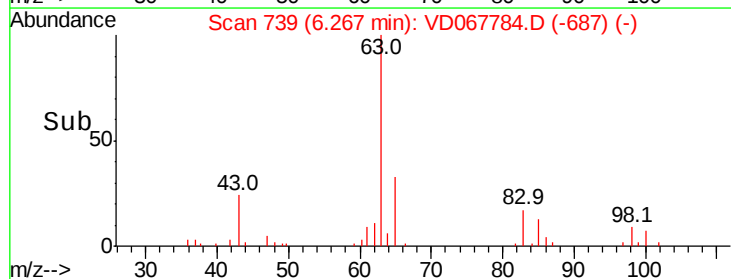
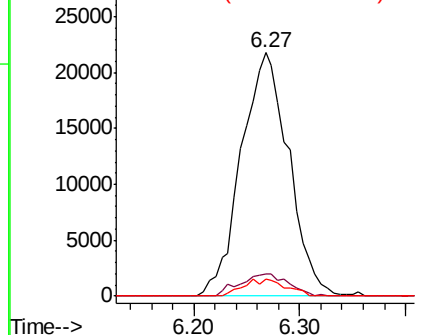
100 6.8 2.6 8.0

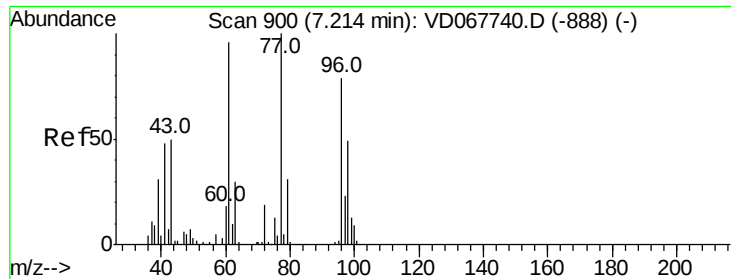


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 103.280 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

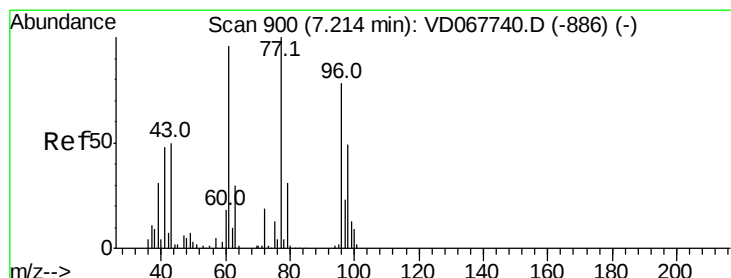
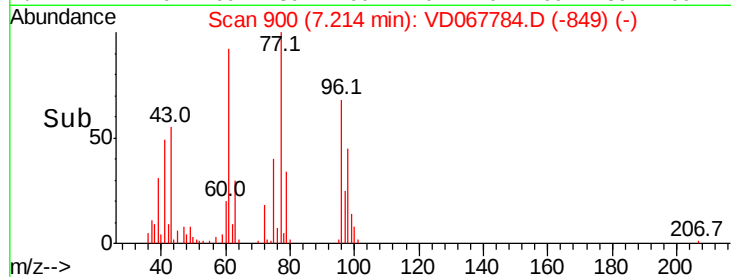
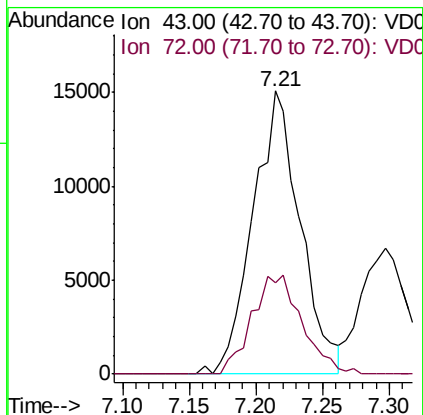
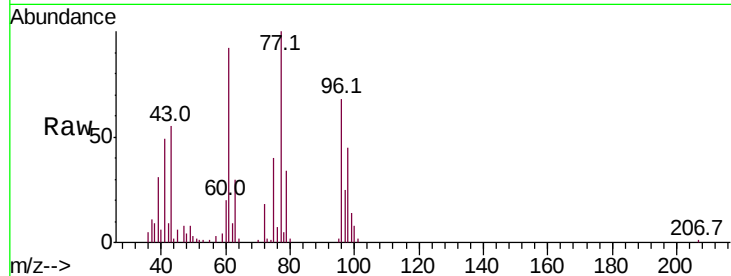
VD1125SBSD01

Tot Ion: 43 Resp: 37060

Ion Ratio Lower Upper

43 100

72 32.1 30.8 46.2



#26

2,2-Dichloropropane

Concen: 19.778 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067784.D

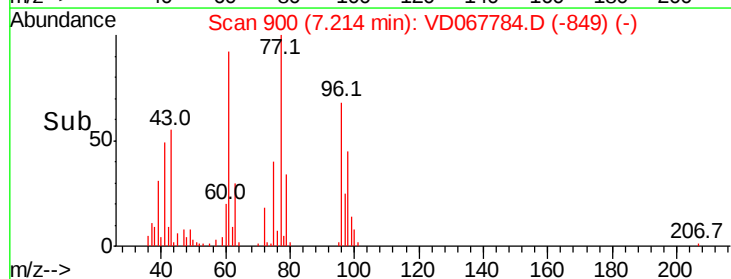
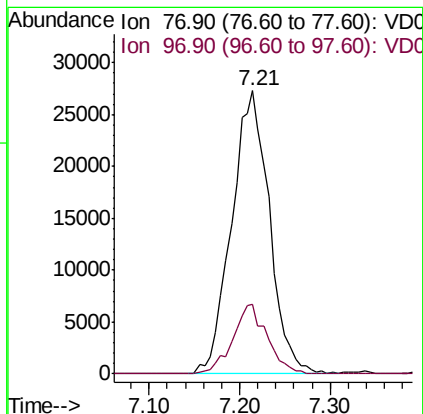
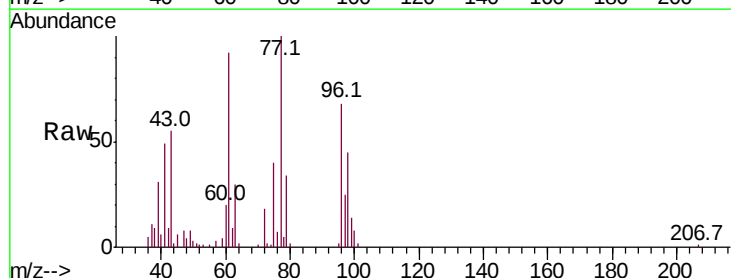
Acq: 25 Nov 2020 13:54

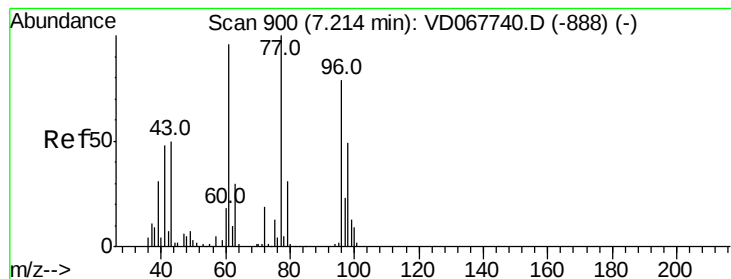
Tgt Ion: 77 Resp: 78877

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3



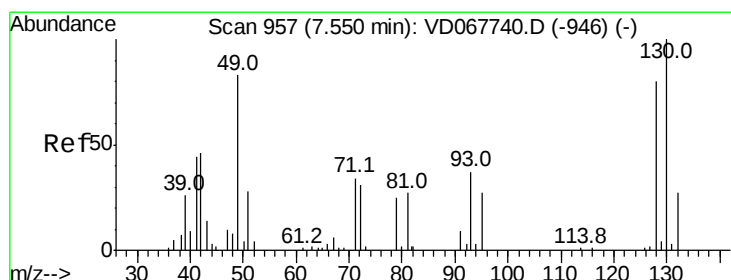
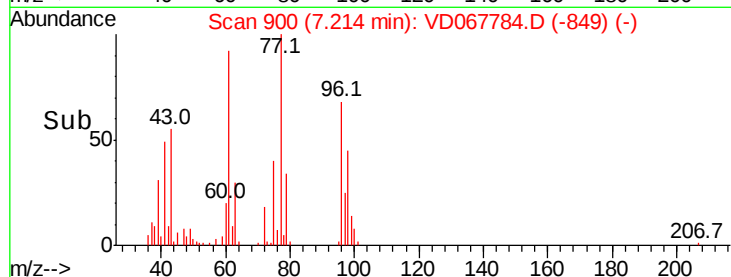
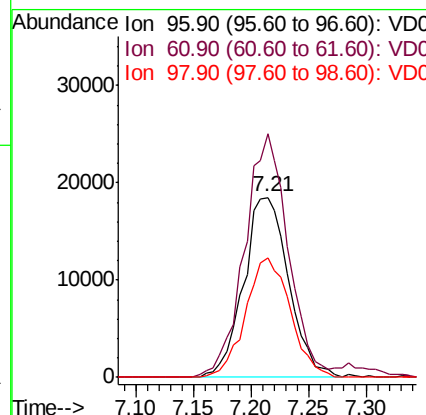
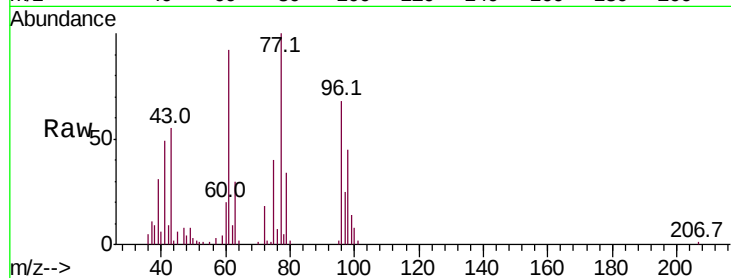


#27

cis-1,2-Dichloroethene
 Concen: 19.915 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBSD01

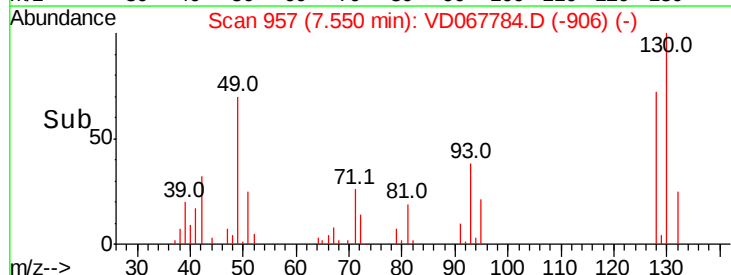
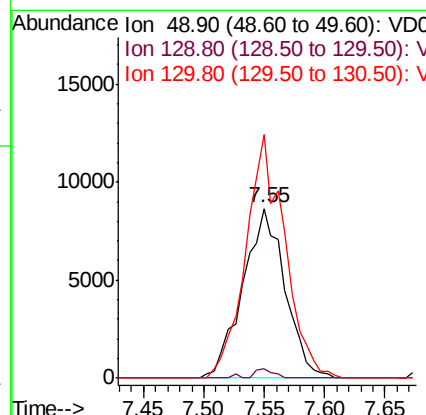
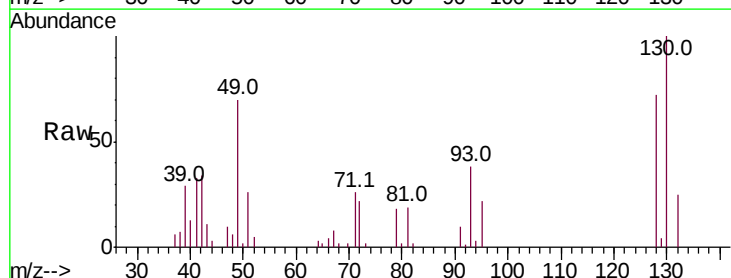
Tot Ion: 96 Resp: 50431
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 258.0
 98 65.7 0.0 131.8

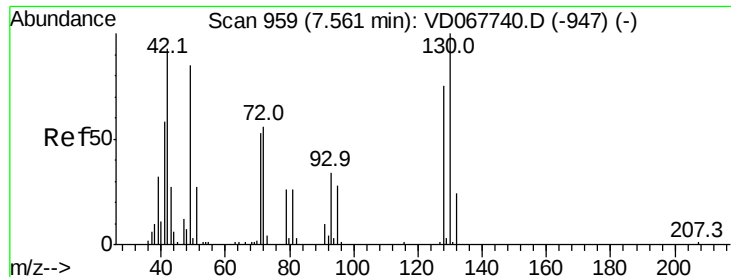


#28

Bromochloromethane
 Concen: 19.413 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 49 Resp: 21022
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 7.0
 130 132.4 102.2 153.4





#29

Tetrahydrofuran

Concen: 102.643 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

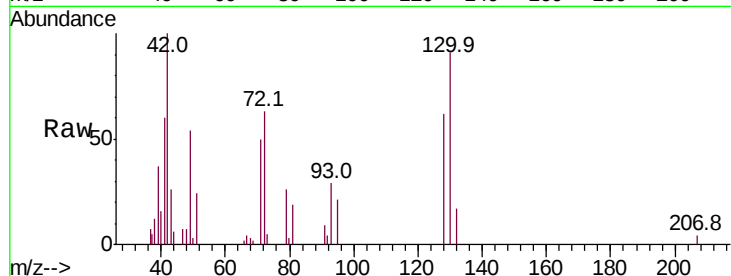
Tot Ion: 42 Resp: 20941

Ion Ratio Lower Upper

42 100

72 61.4 49.3 73.9

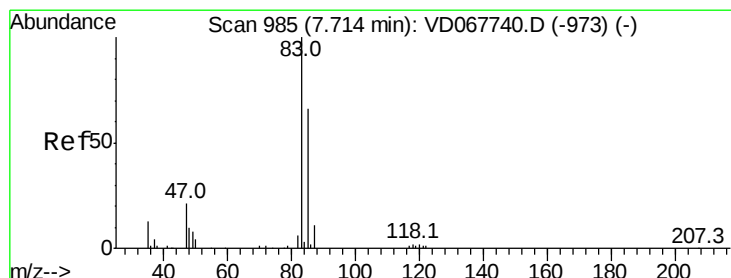
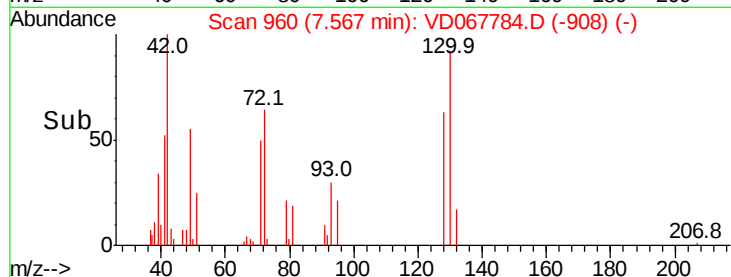
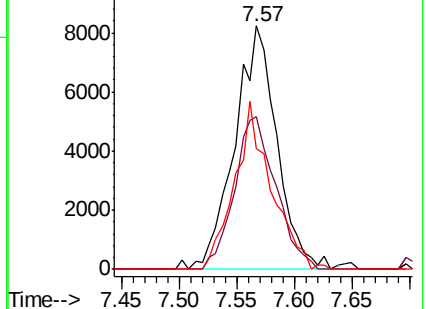
71 59.6 45.9 68.9



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: 20.778 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067784.D

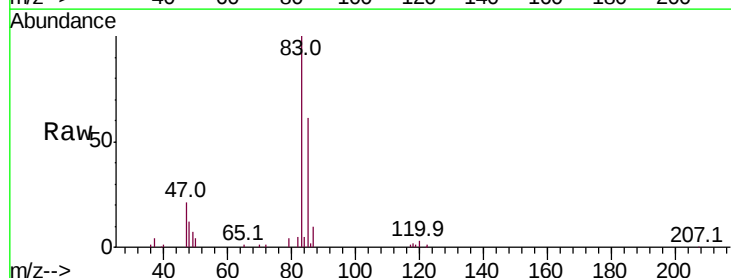
Acq: 25 Nov 2020 13:54

Tgt Ion: 83 Resp: 91853

Ion Ratio Lower Upper

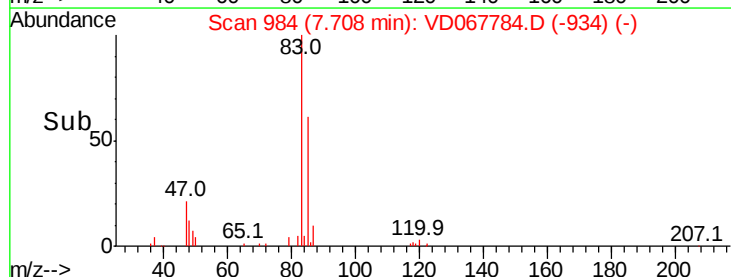
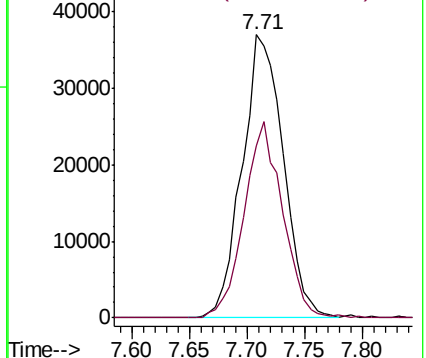
83 100

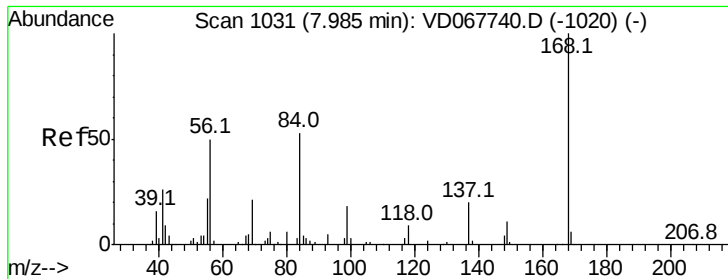
85 60.7 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

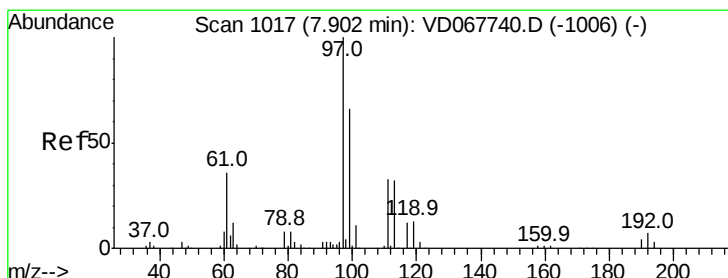
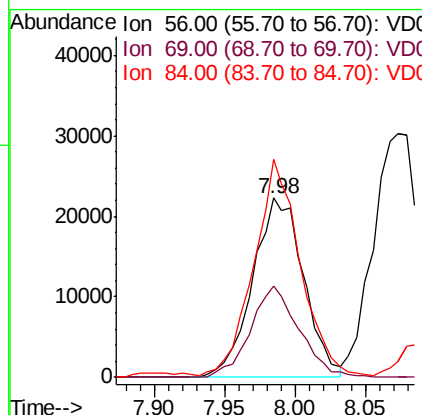
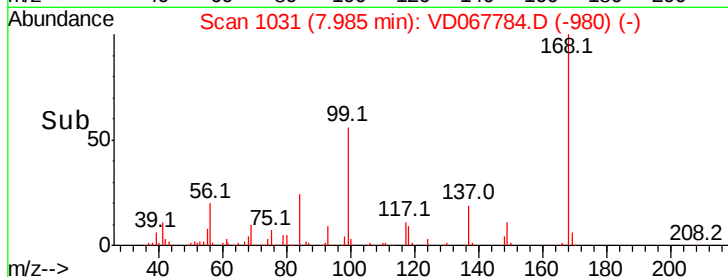
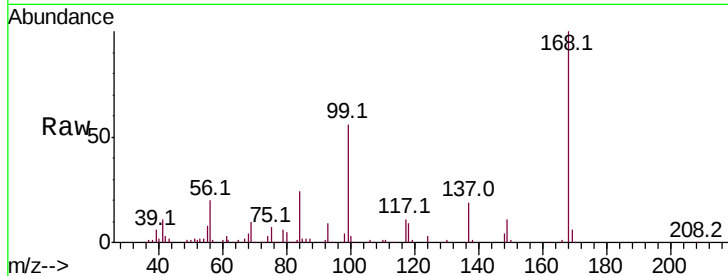




#31
Cyclohexane
Concen: 18.789 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

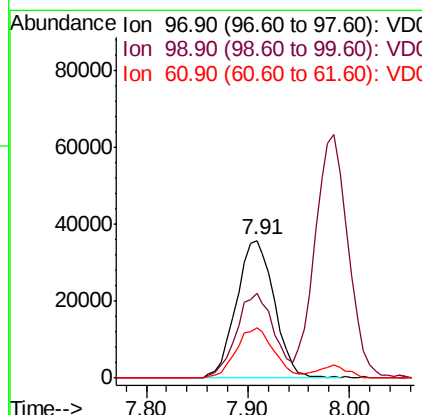
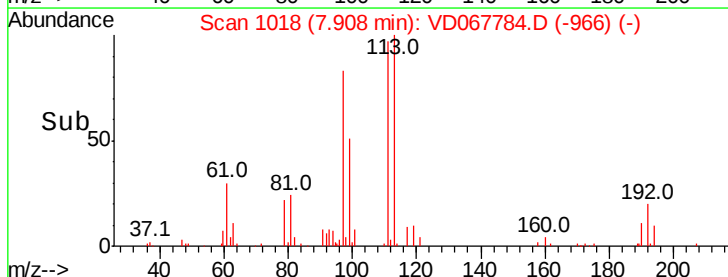
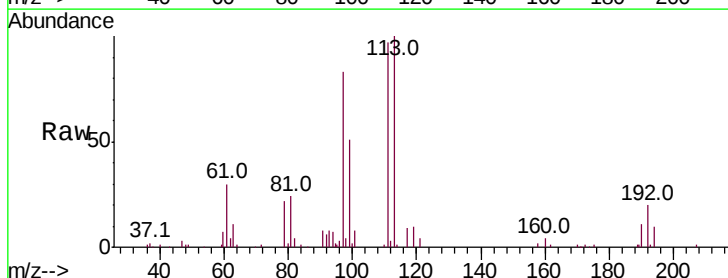
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

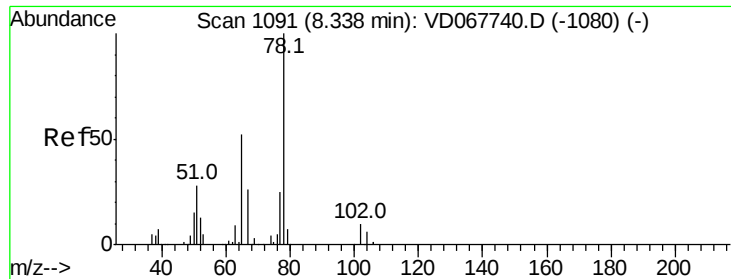
Tot Ion: 56 Resp: 56273
Ion Ratio Lower Upper
56 100
69 50.8 33.2 49.8#
84 119.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.795 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 97 Resp: 92677
Ion Ratio Lower Upper
97 100
99 61.6 51.1 76.7
61 37.0 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 54.594 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

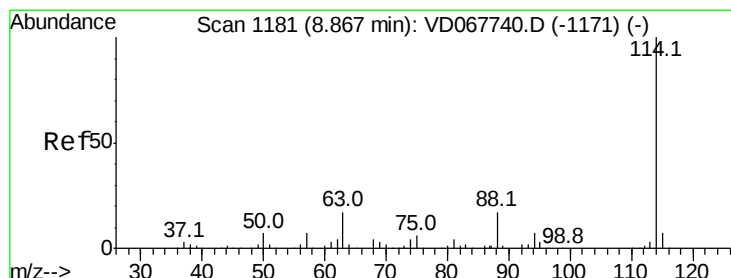
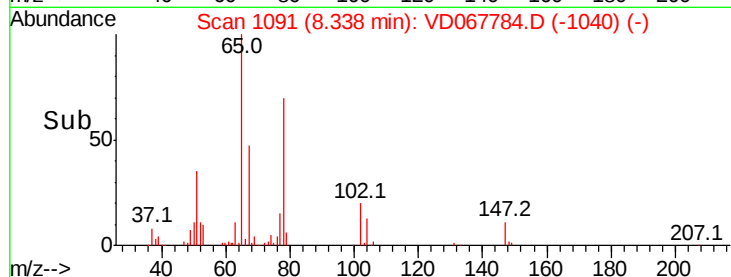
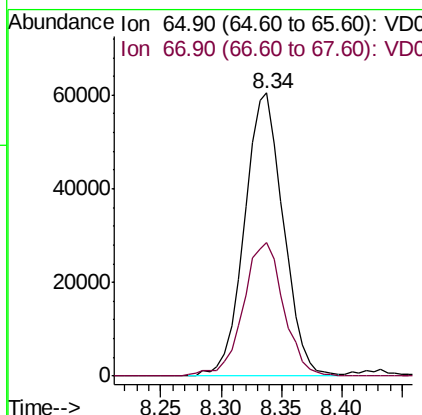
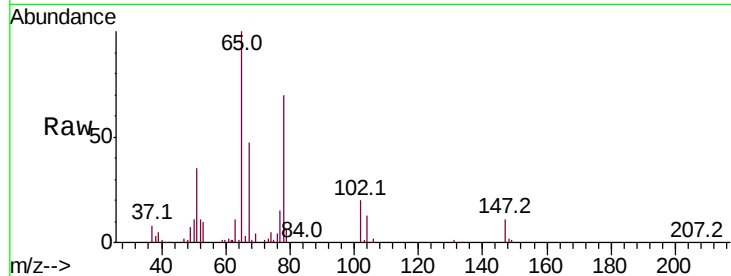
Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

Tot Ion: 65 Resp: 135135

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

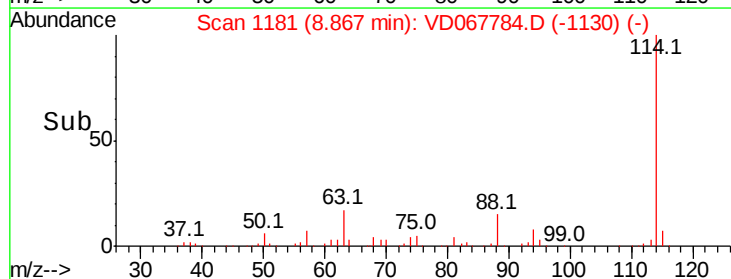
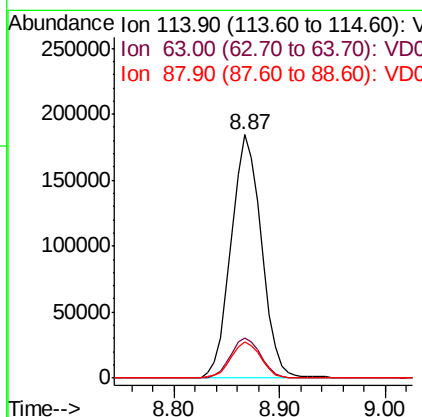
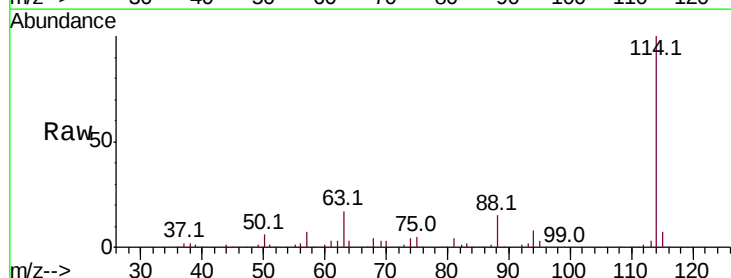
Delta R.T. 0.00 min

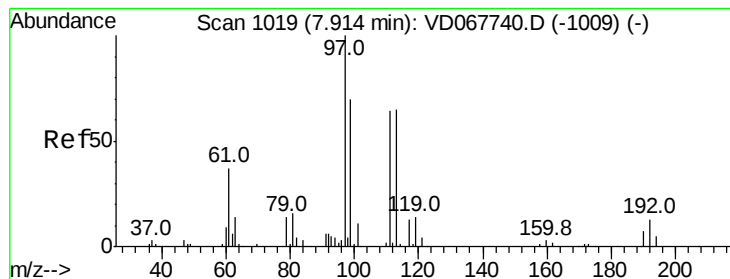
Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion: 114 Resp: 367132

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.8
88	14.9	0.0	34.4





#35

Dibromofluoromethane

Concen: 55.098 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

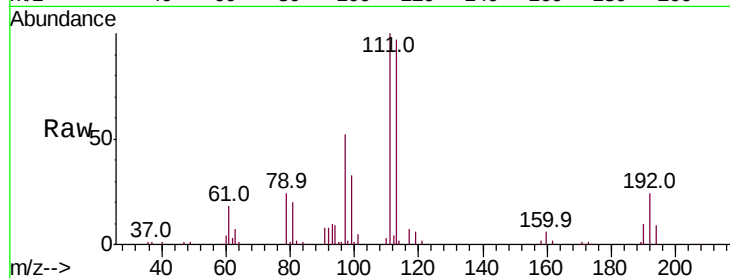
Tot Ion:113 Resp: 128731

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

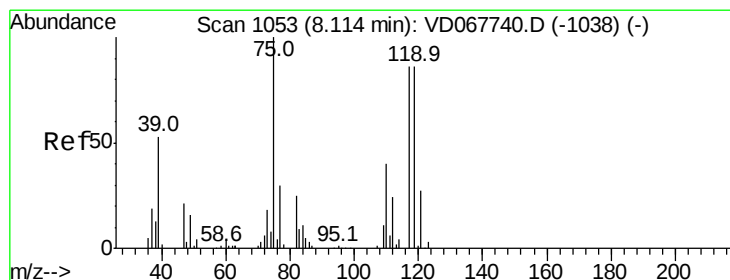
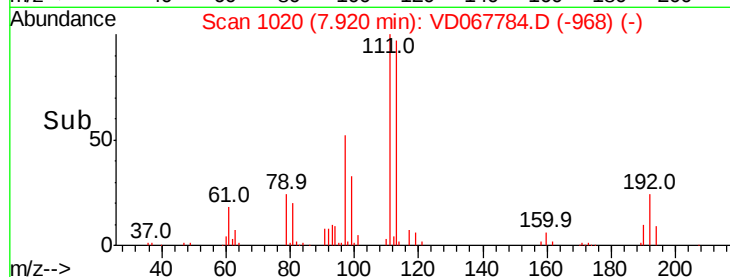
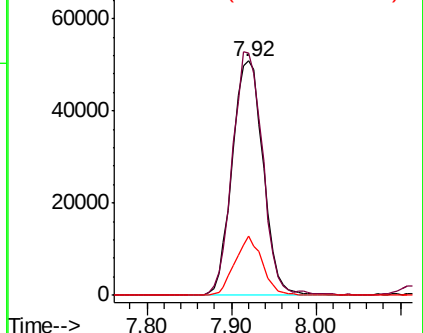
192 22.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.578 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

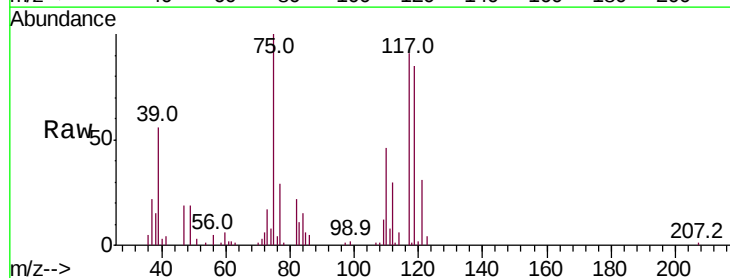
Tgt Ion: 75 Resp: 61677

Ion Ratio Lower Upper

75 100

110 40.1 20.1 60.2

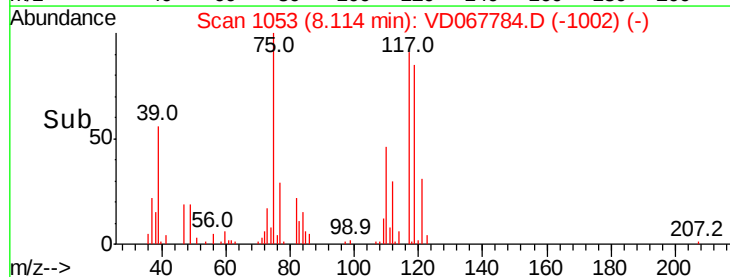
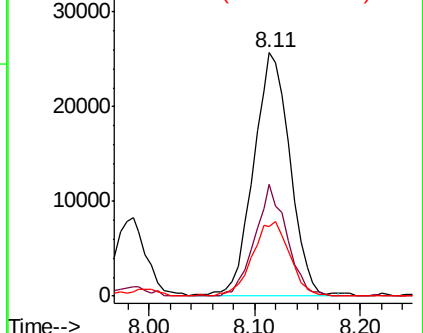
77 31.2 24.8 37.2

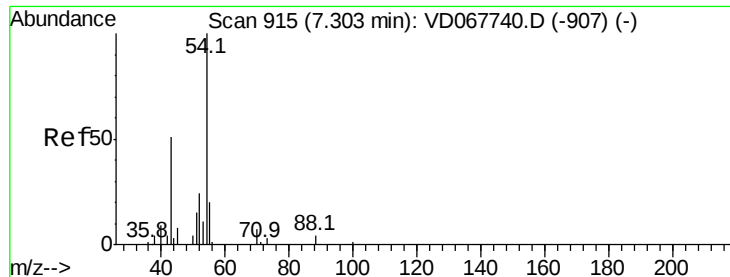


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

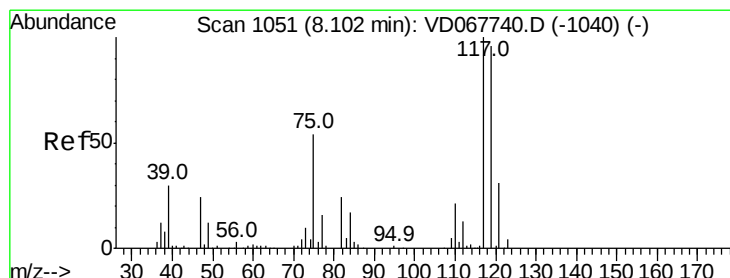
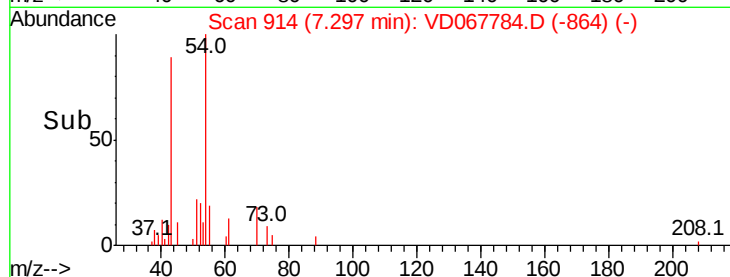
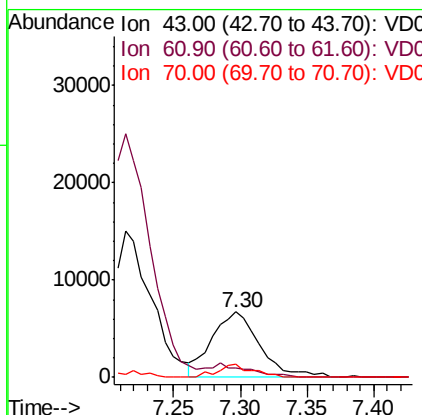
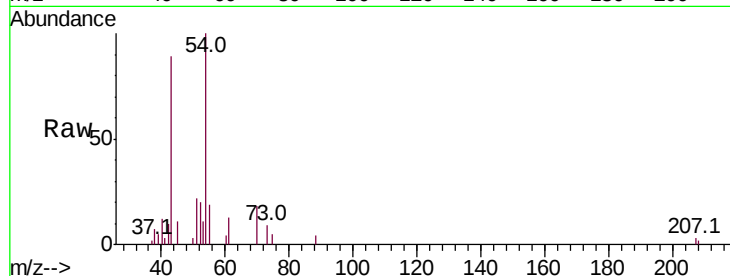




#37
Ethyl Acetate
Concen: 19.824 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

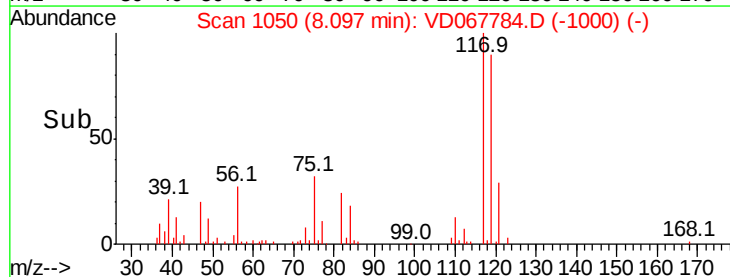
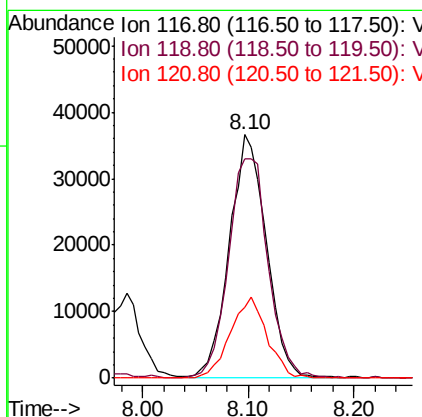
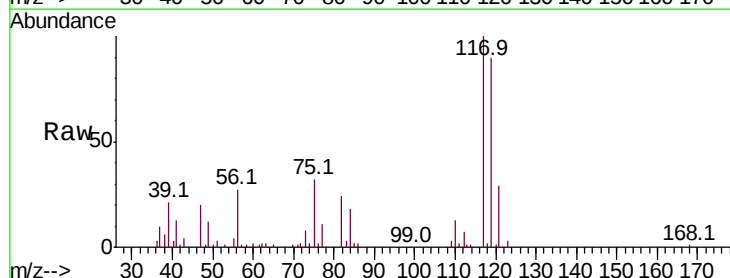
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

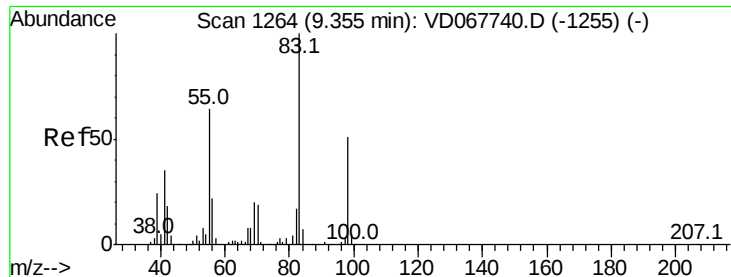
Tot Ion: 43 Resp: 16793
Ion Ratio Lower Upper
43 100
61 14.4 12.9 19.3
70 14.4 12.2 18.2



#38
Carbon Tetrachloride
Concen: 19.481 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 117 Resp: 88962
Ion Ratio Lower Upper
117 100
119 89.4 76.6 115.0
121 28.9 24.5 36.7

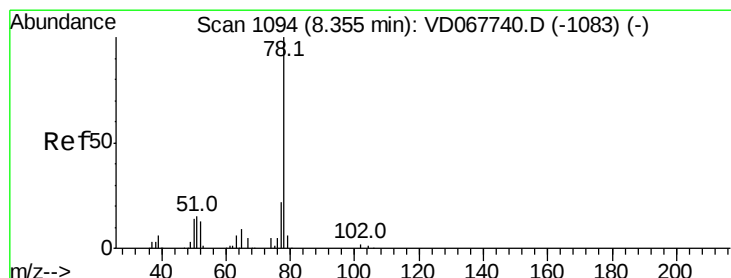
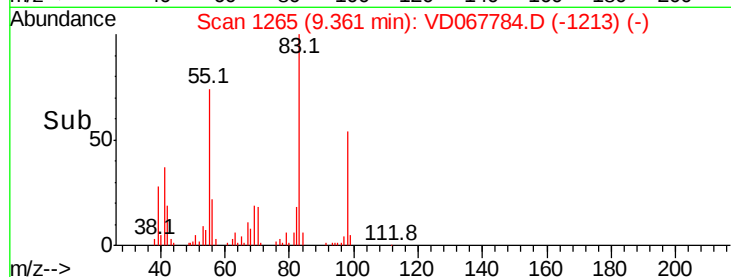
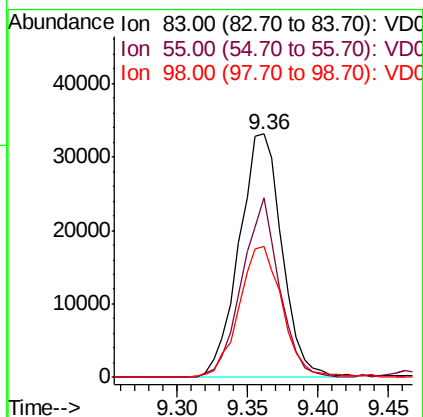
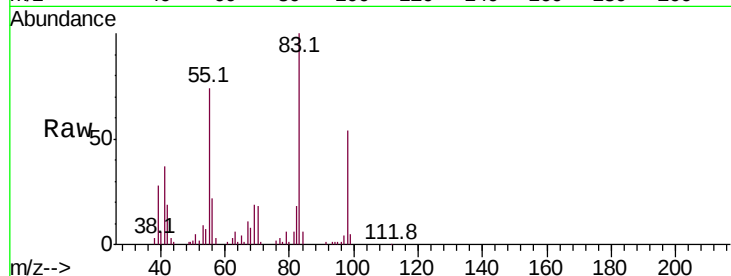




#39
Methvlcvclohexane
Concen: 18.868 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

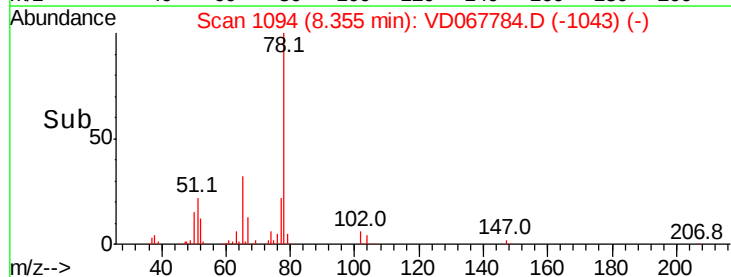
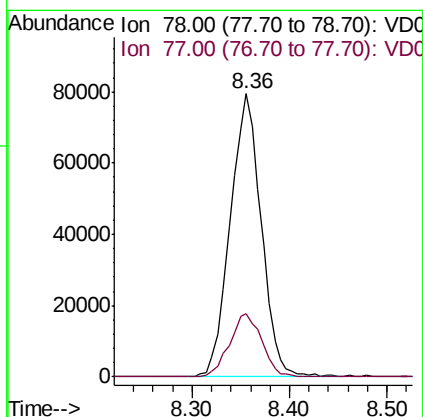
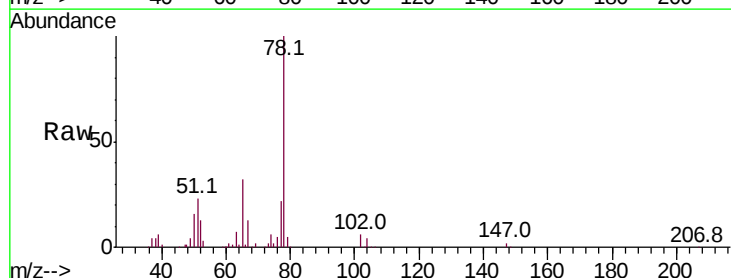
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

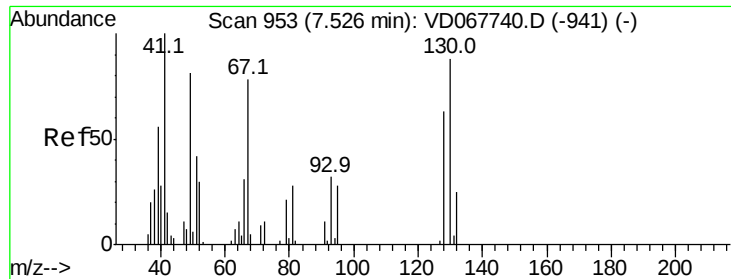
Tot Ion: 83 Resp: 70345
Ion Ratio Lower Upper
83 100
55 73.6 51.0 76.4
98 53.6 40.4 60.6



#40
Benzene
Concen: 20.193 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 78 Resp: 174715
Ion Ratio Lower Upper
78 100
77 22.1 17.8 26.6

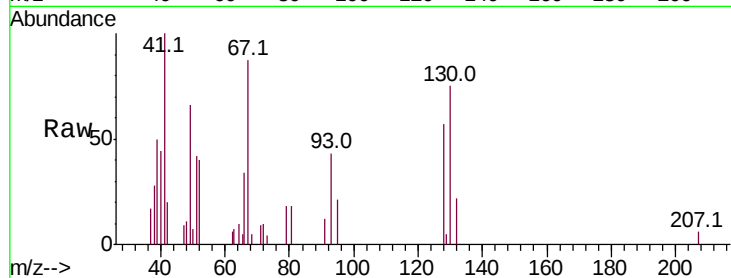




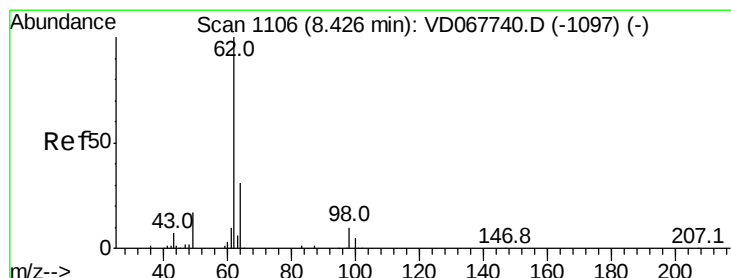
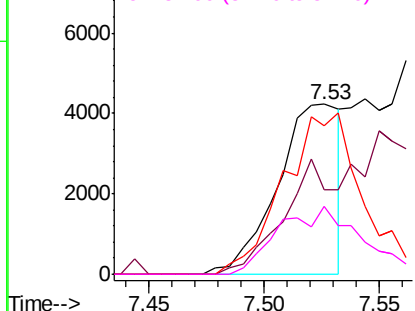
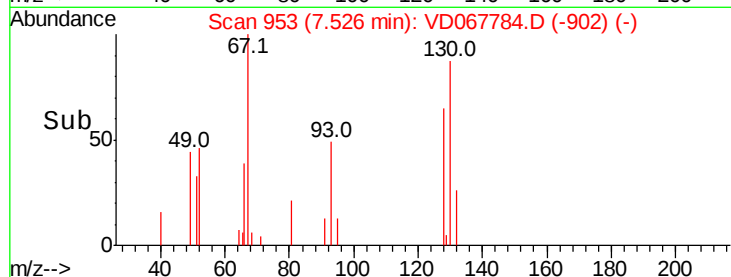
#41
Methacrylonitrile
Concen: 18.529 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion: 41 Resp: 8015
Ion Ratio Lower Upper
41 100
39 54.8 50.2 75.4
67 118.8 79.0 118.6#
52 24.3 32.4 48.6#

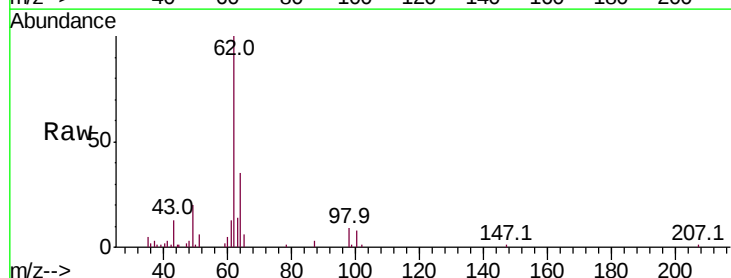


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

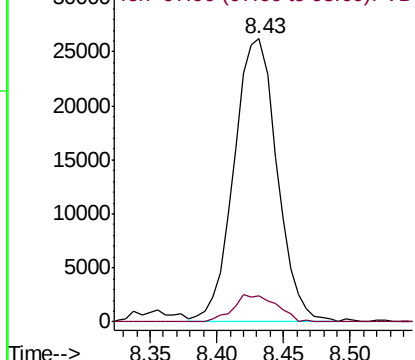
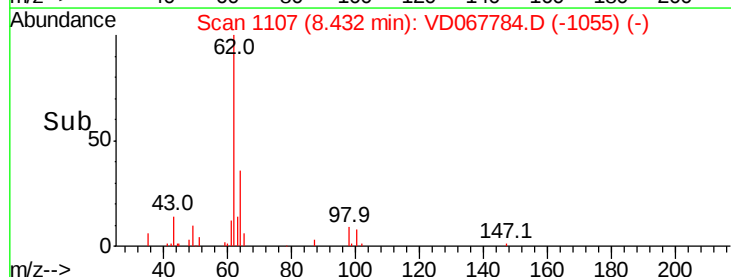


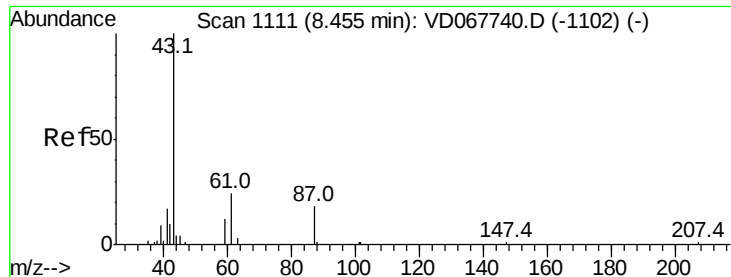
#42
1,2-Dichloroethane
Concen: 20.040 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 62 Resp: 58835
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.885 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

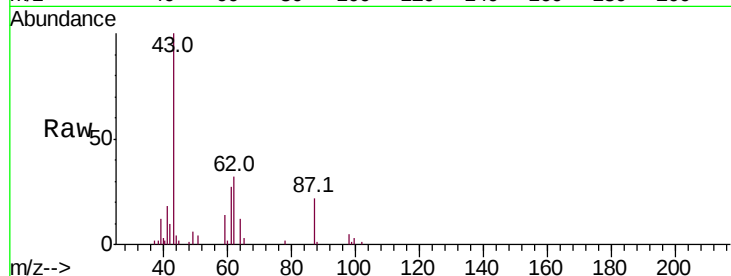
Tot Ion: 43 Resp: 33639

Ion Ratio Lower Upper

43 100

61 38.3 30.2 45.4

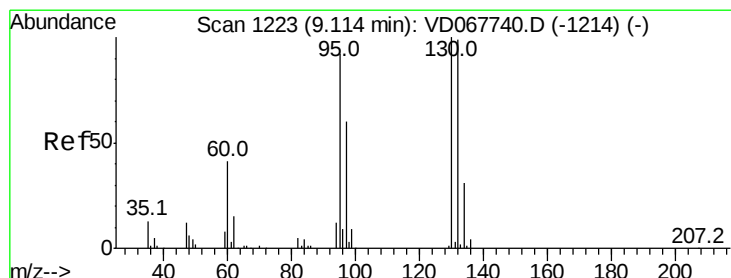
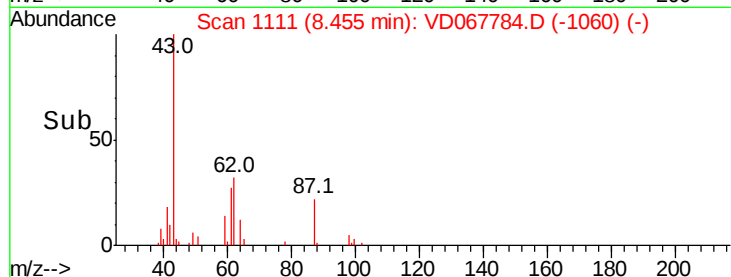
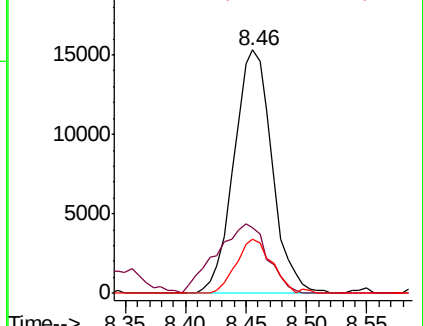
87 21.2 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.754 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067784.D

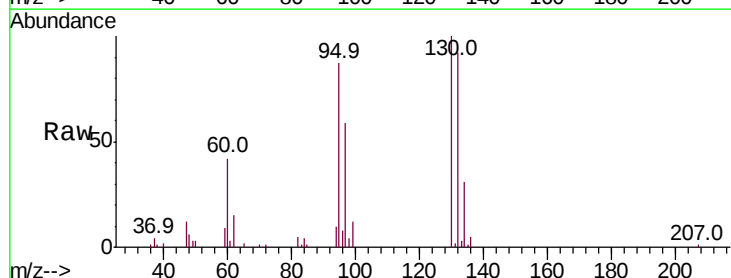
Acq: 25 Nov 2020 13:54

Tgt Ion: 130 Resp: 56647

Ion Ratio Lower Upper

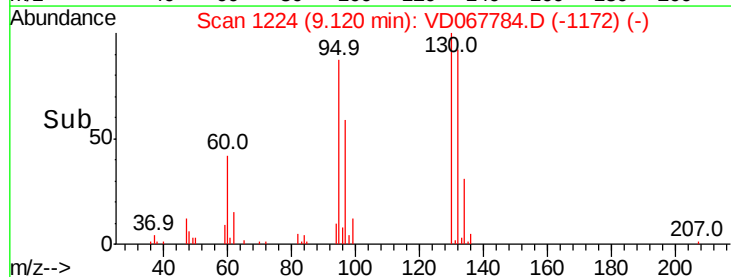
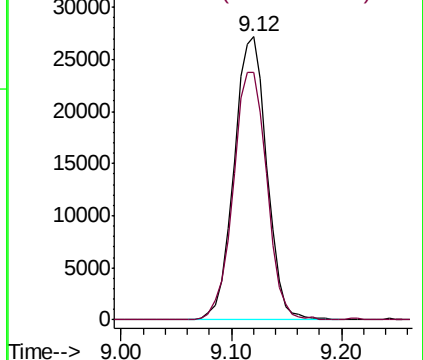
130 100

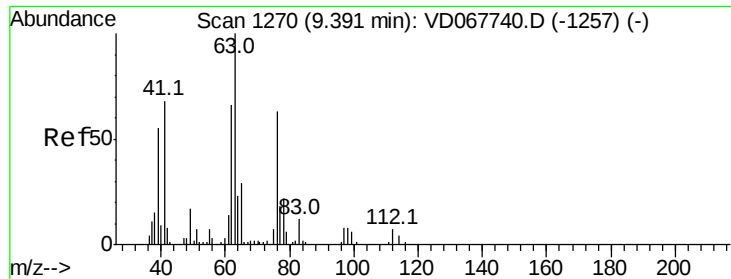
95 87.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.977 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

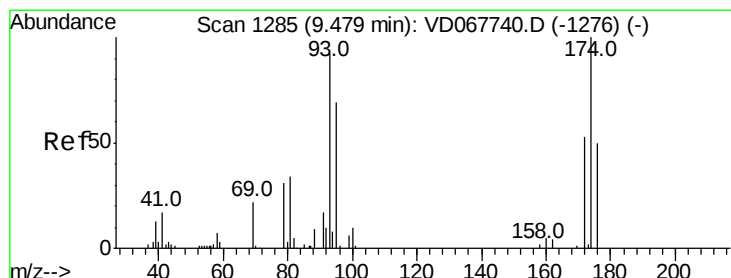
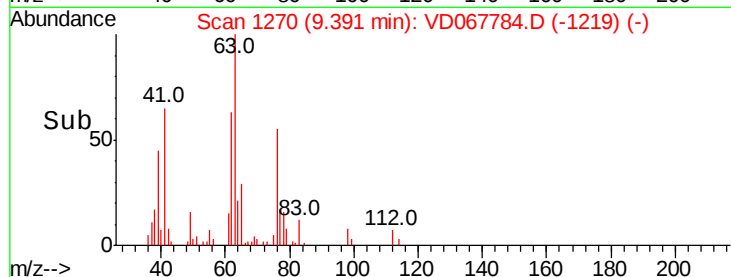
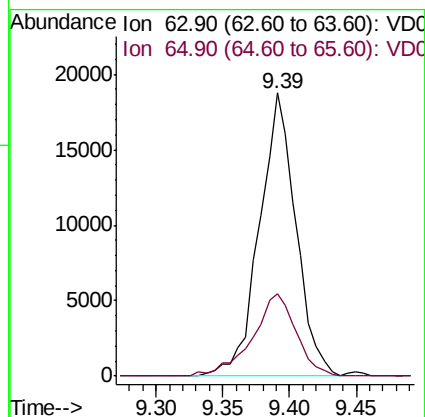
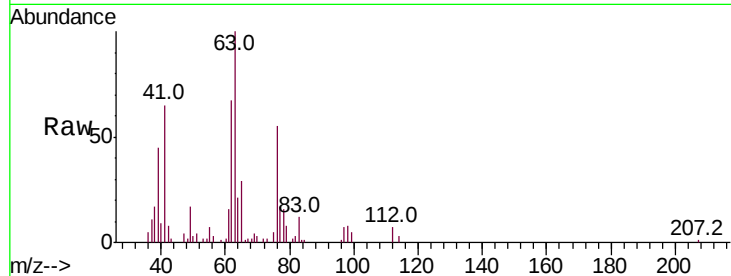
VD1125SBS01

Tot Ion: 63 Resp: 35467

Ion Ratio Lower Upper

63 100

65 29.0 23.1 34.7



#46

Dibromomethane

Concen: 20.083 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

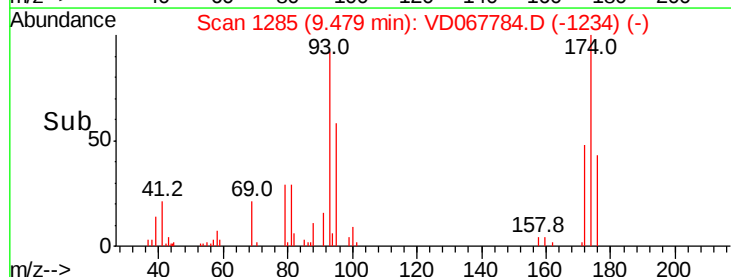
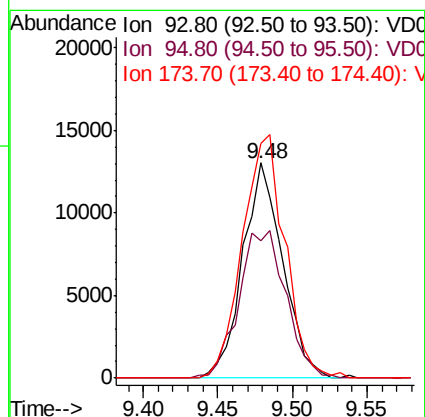
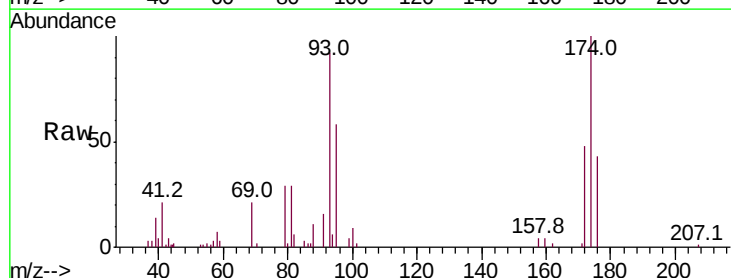
Tgt Ion: 93 Resp: 24275

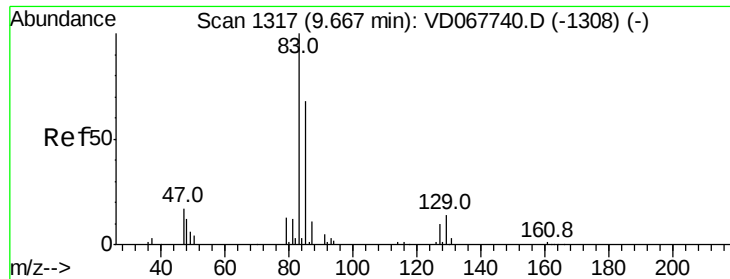
Ion Ratio Lower Upper

93 100

95 80.1 63.4 95.2

174 119.9 89.6 134.4





#47

Bromodichloromethane

Concen: 20.910 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

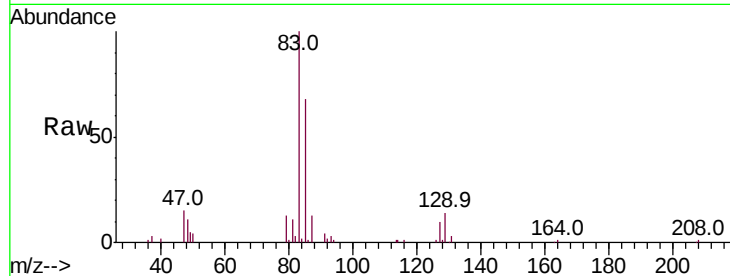
Tot Ion: 83 Resp: 70379

Ion Ratio Lower Upper

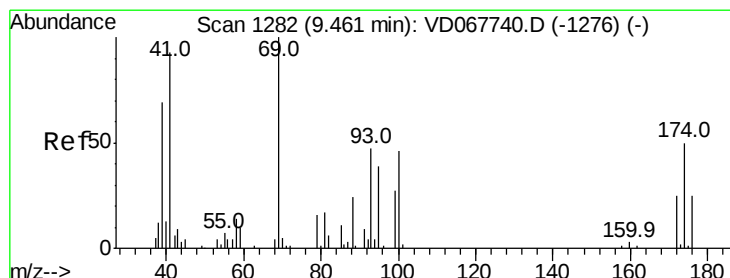
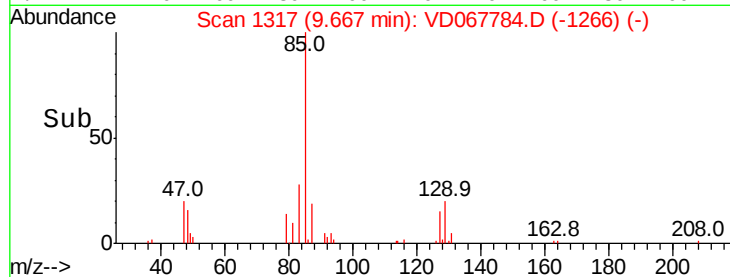
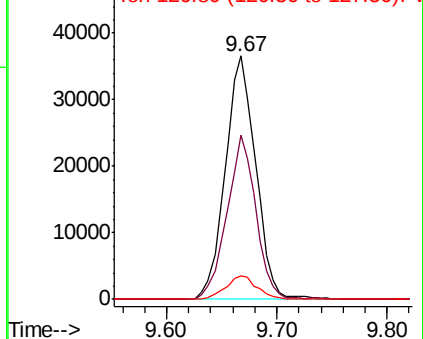
83 100

85 67.5 54.2 81.2

127 9.9 7.6 11.4



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



#48

Methyl methacrylate

Concen: 17.526 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

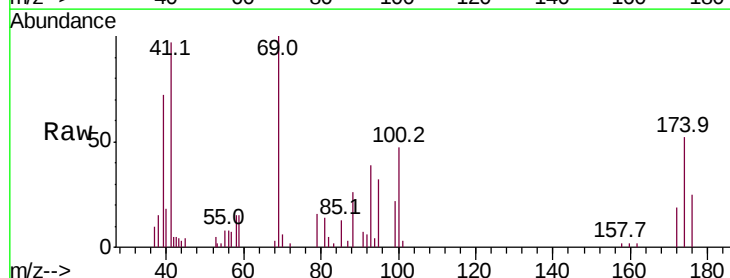
Tgt Ion: 41 Resp: 14823

Ion Ratio Lower Upper

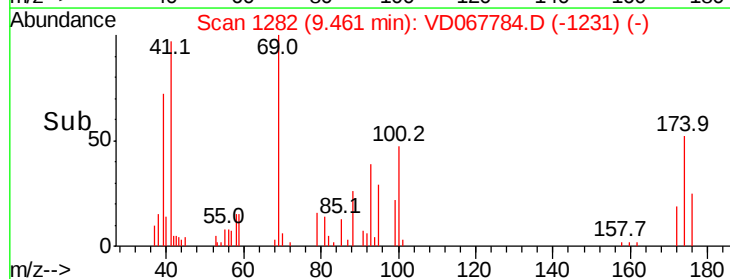
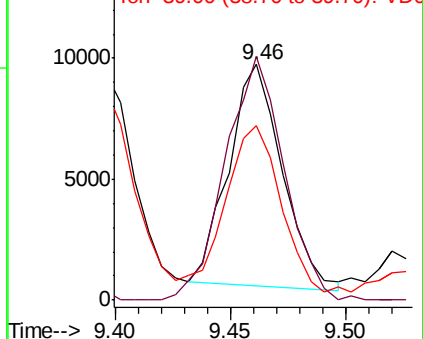
41 100

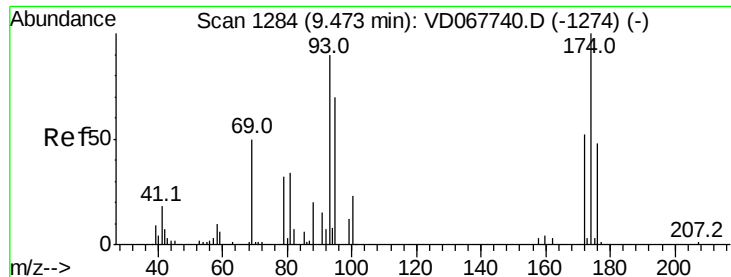
69 120.7 87.8 131.6

39 77.5 60.5 90.7



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





#49

1,4-Dioxane

Concen: 425.067 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

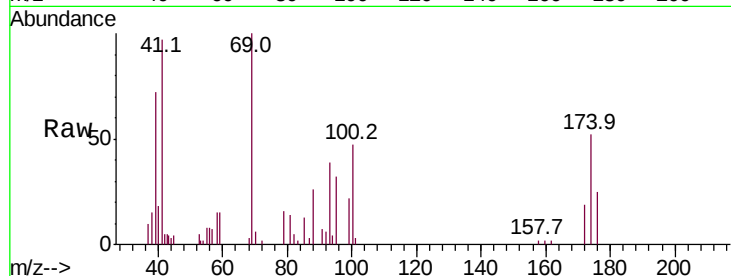
Tot Ion: 88 Resp: 5568

Ion Ratio Lower Upper

88 100

43 38.0 25.2 37.8#

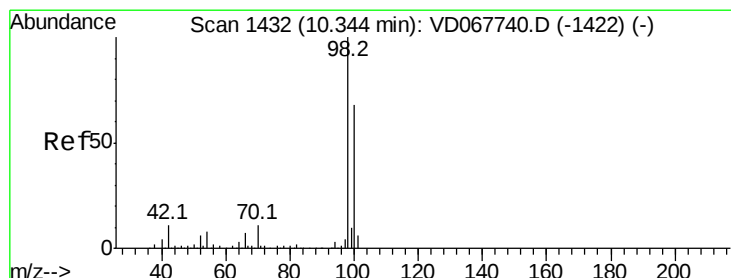
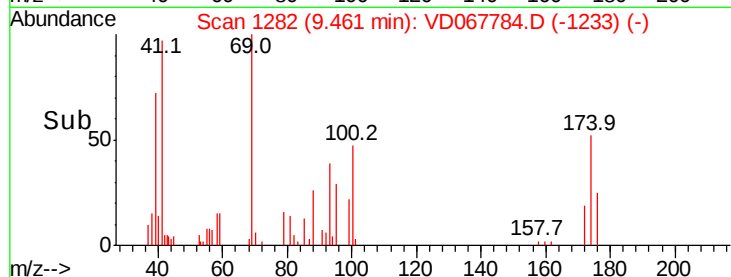
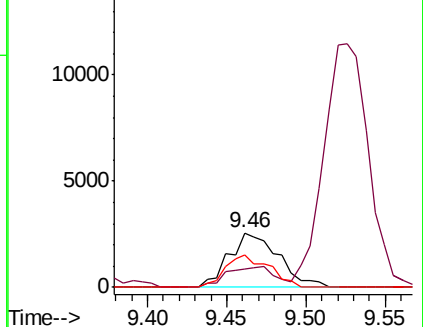
58 52.9 48.2 72.2



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: 54.124 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067784.D

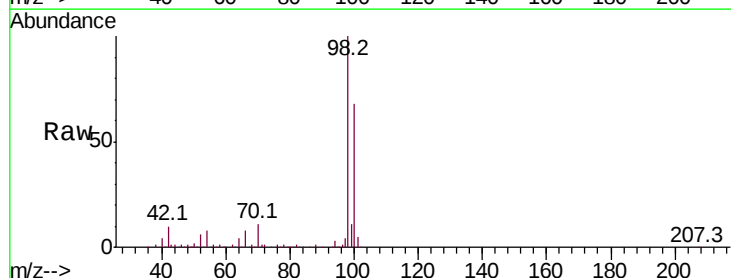
Acq: 25 Nov 2020 13:54

Tgt Ion: 98 Resp: 462337

Ion Ratio Lower Upper

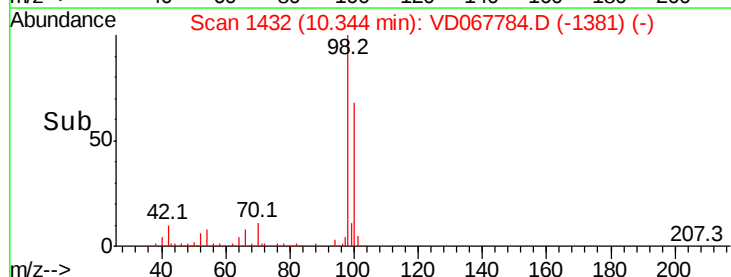
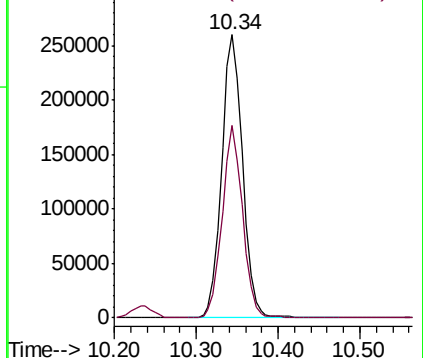
98 100

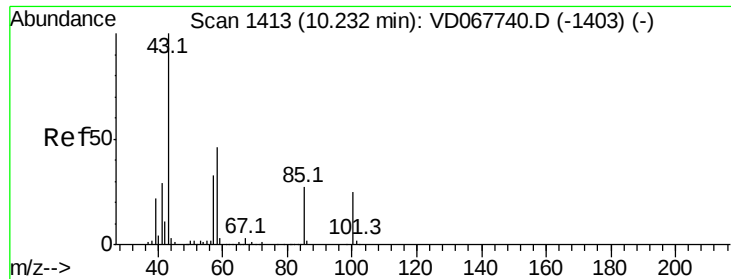
100 66.1 53.1 79.7



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: 97.889 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

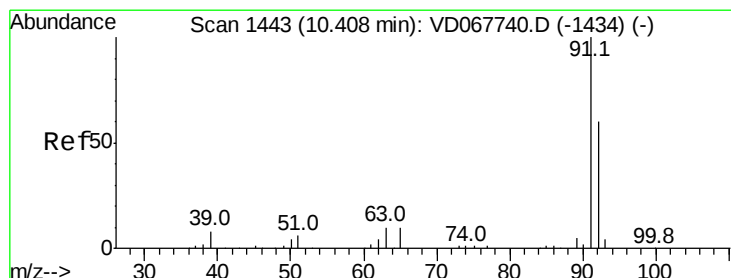
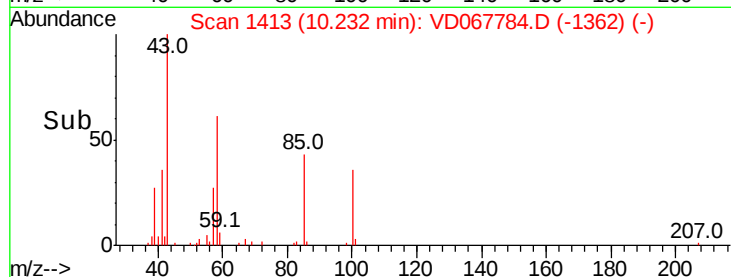
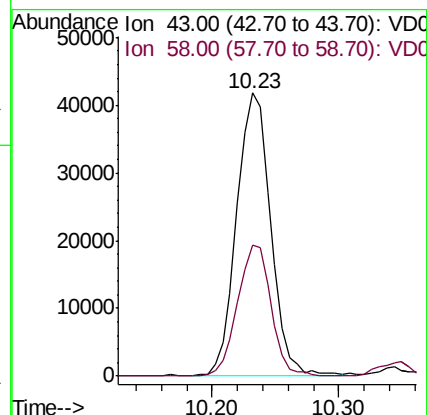
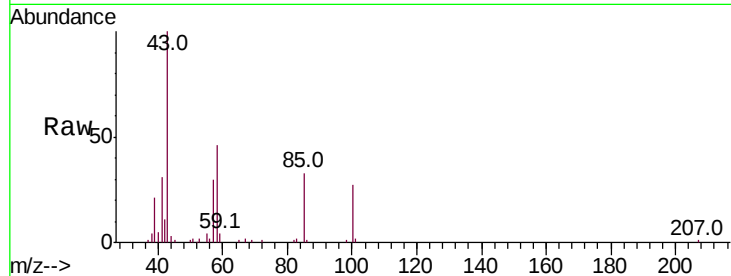
VD1125SBS01

Tot Ion: 43 Resp: 77924

Ion Ratio Lower Upper

43 100

58 45.6 34.7 52.1



#52

Toluene

Concen: 20.756 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067784.D

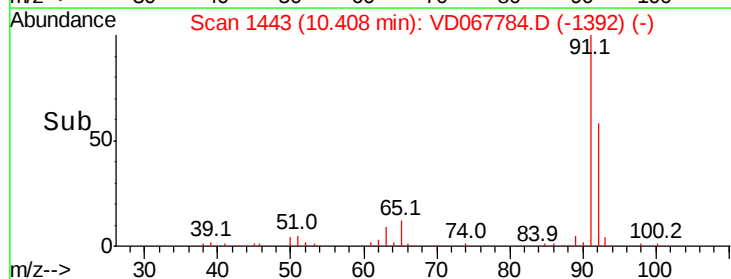
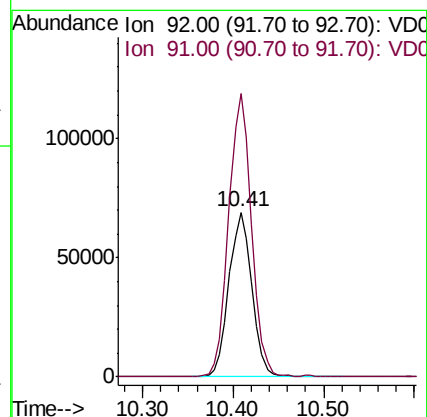
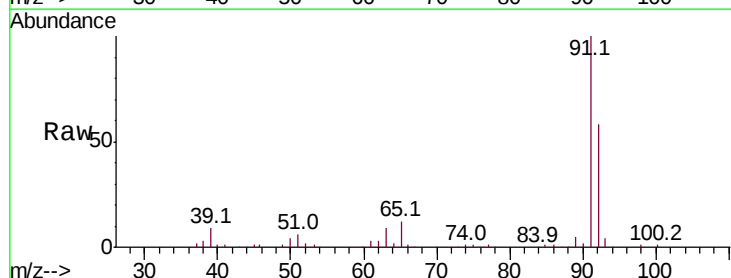
Acq: 25 Nov 2020 13:54

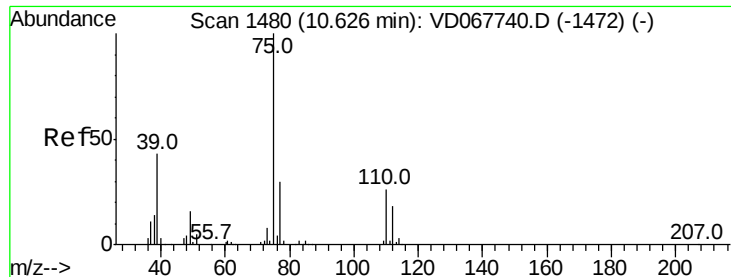
Tgt Ion: 92 Resp: 121831

Ion Ratio Lower Upper

92 100

91 170.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 20.488 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

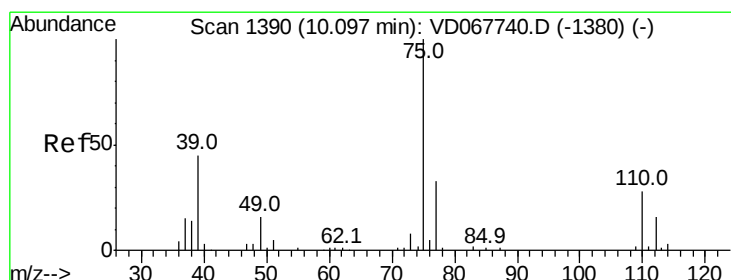
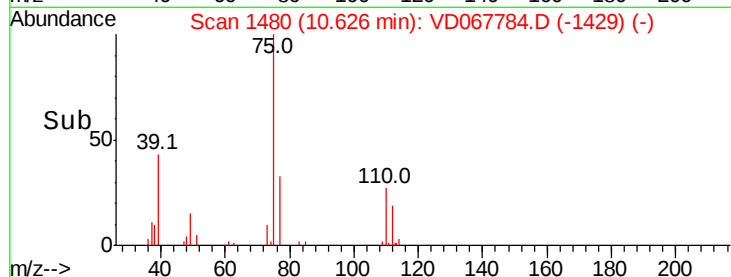
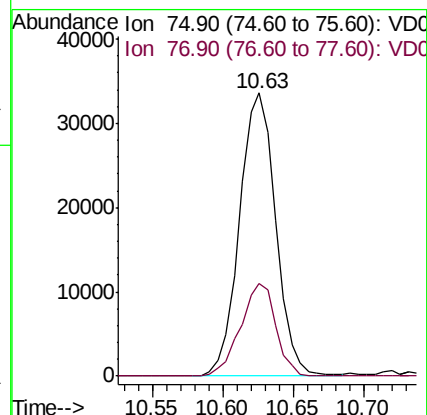
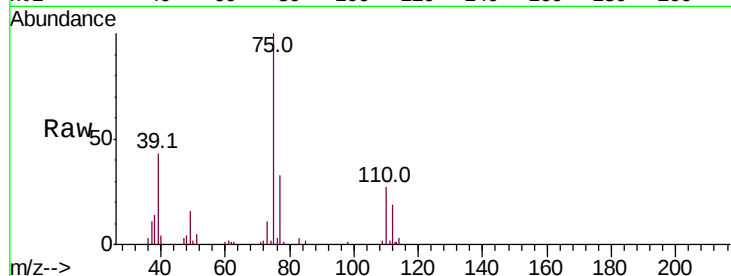
VD1125SBSD01

Tot Ion: 75 Resp: 60247

Ion Ratio Lower Upper

75 100

77 32.7 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.506 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

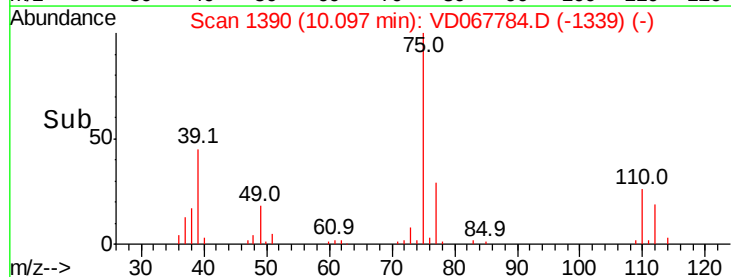
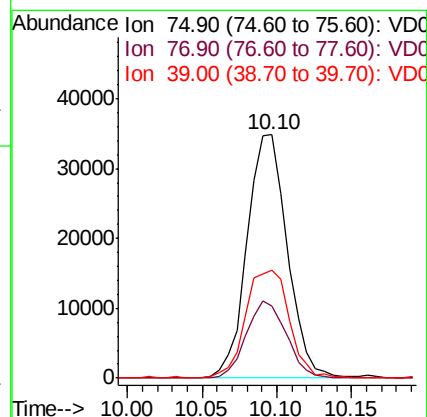
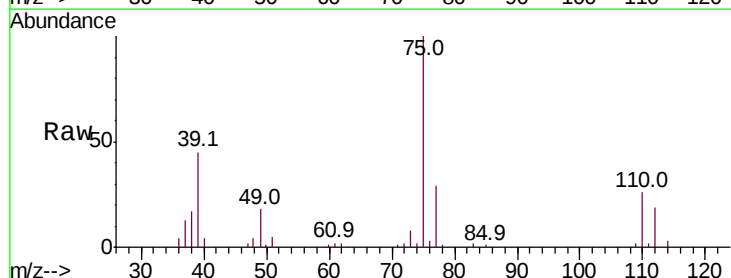
Tgt Ion: 75 Resp: 64913

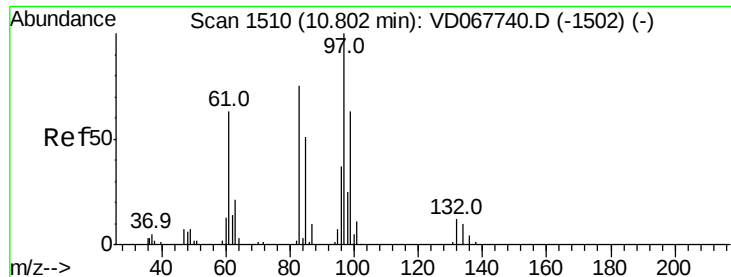
Ion Ratio Lower Upper

75 100

77 29.4 26.1 39.1

39 44.6 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 20.427 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

Tot Ion: 97 Resp: 33129

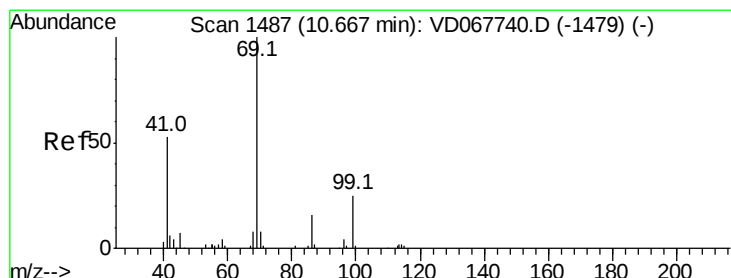
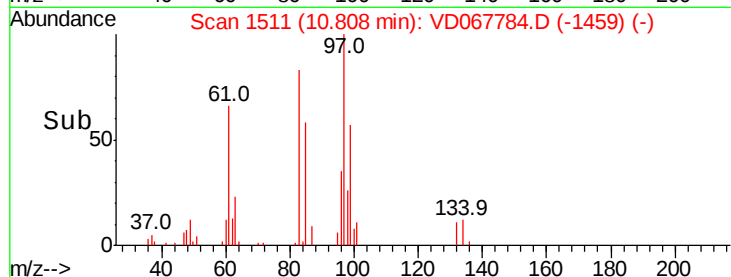
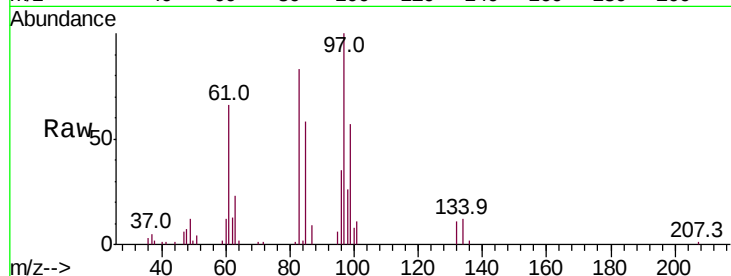
Ion	Ratio	Lower	Upper
97	100		
83	83.4	60.2	90.4
85	58.1	40.5	60.7
99	56.8	50.6	76.0

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: 19.915 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

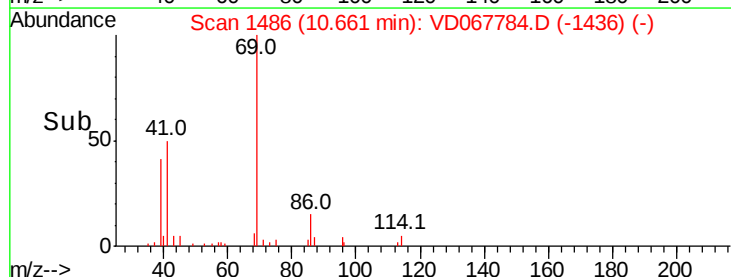
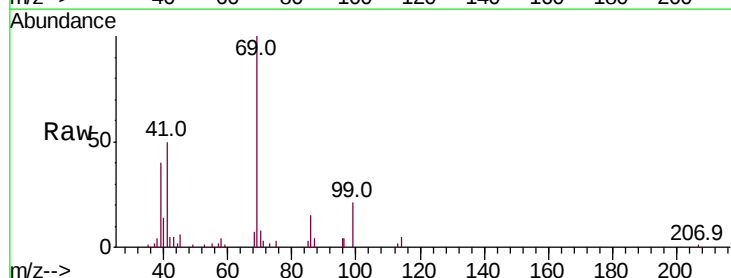
Tgt Ion: 69 Resp: 33439

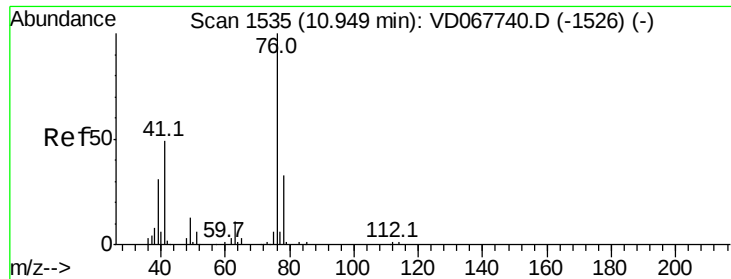
Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.4	65.0
39	35.6	29.6	44.4

Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 20.220 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

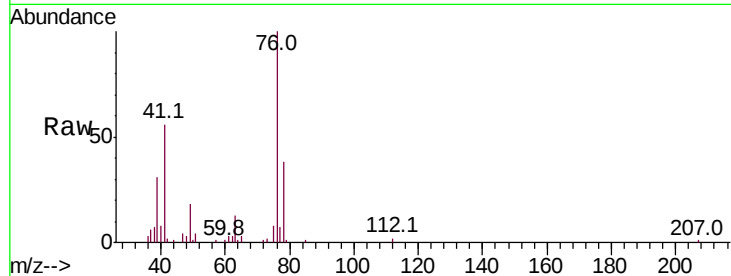
VD1125SBSD01

Tot Ion: 76 Resp: 51704

Ion Ratio Lower Upper

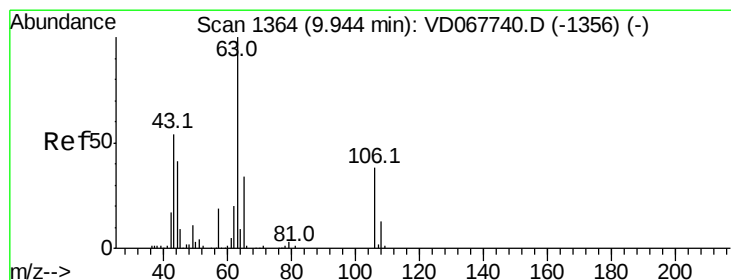
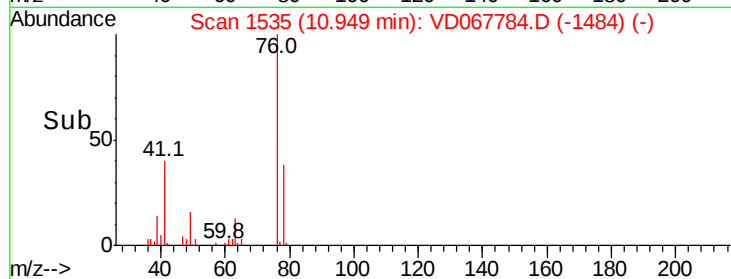
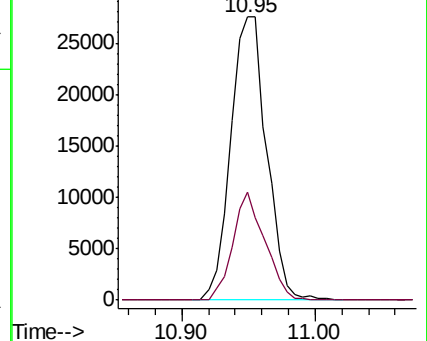
76 100

78 33.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 93.097 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067784.D

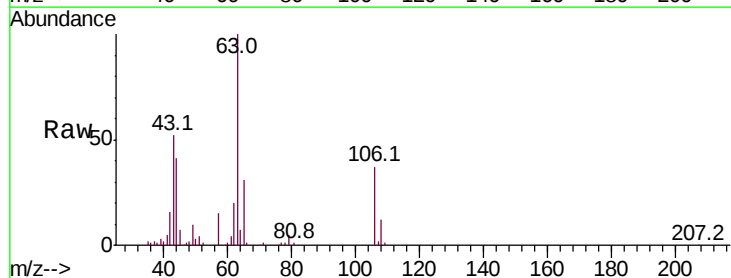
Acq: 25 Nov 2020 13:54

Tgt Ion: 63 Resp: 73039

Ion Ratio Lower Upper

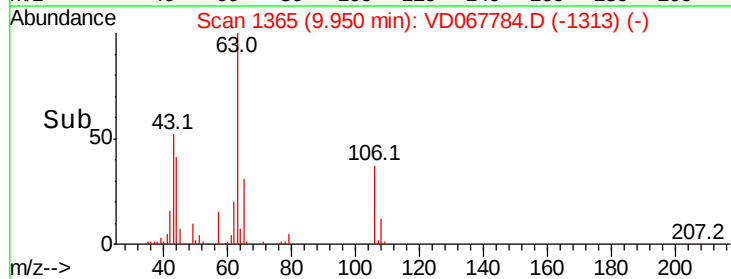
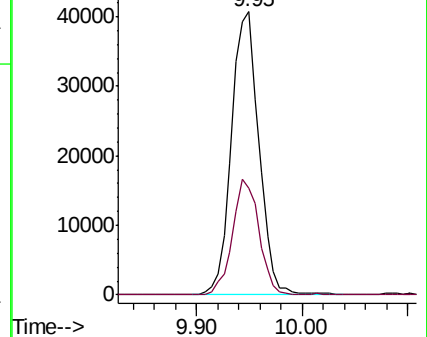
63 100

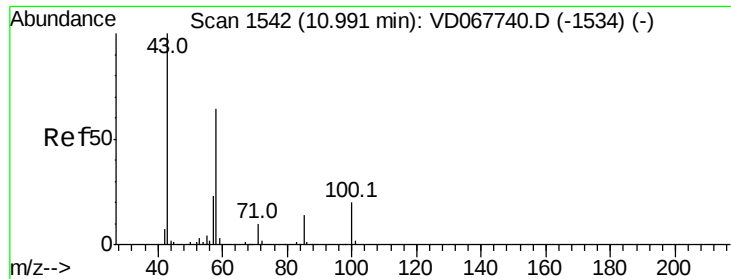
106 39.1 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

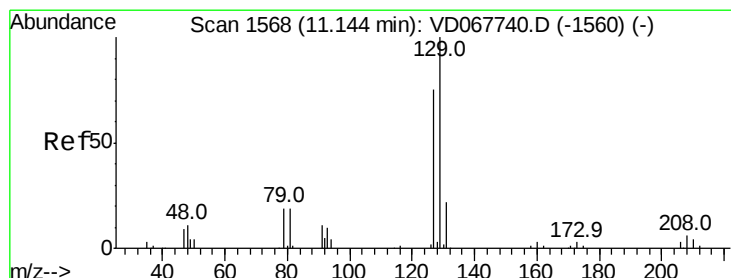
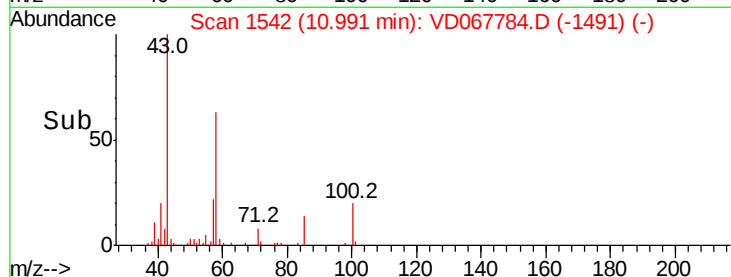
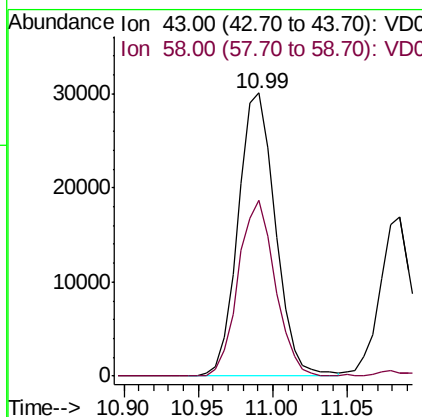
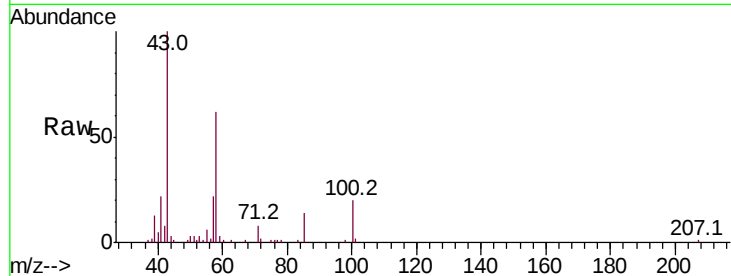




#59
2-Hexanone
Concen: 92.902 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

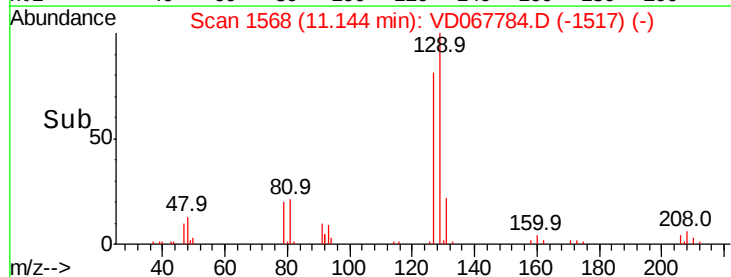
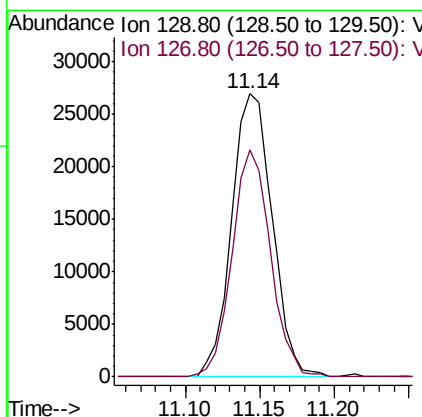
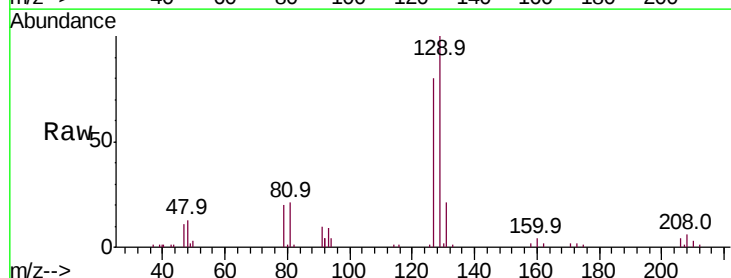
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

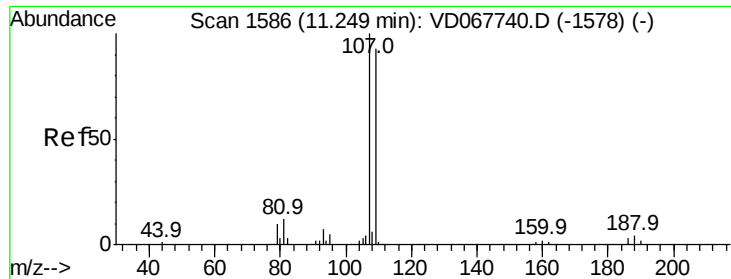
Tot Ion: 43 Resp: 52214
Ion Ratio Lower Upper
43 100
58 61.1 30.5 91.5



#60
Dibromochloromethane
Concen: 20.662 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 129 Resp: 51064
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.7

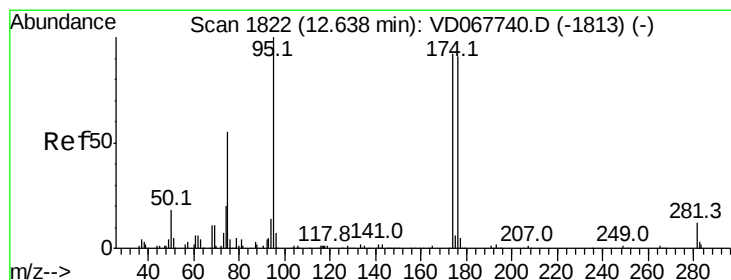
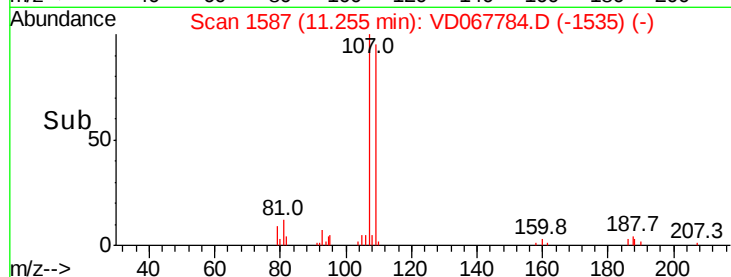
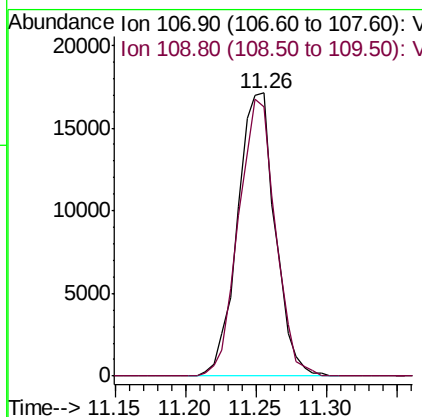
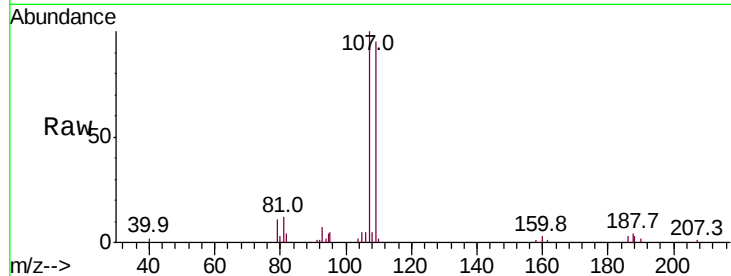




#61
 1,2-Dibromoethane
 Concen: 19.972 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

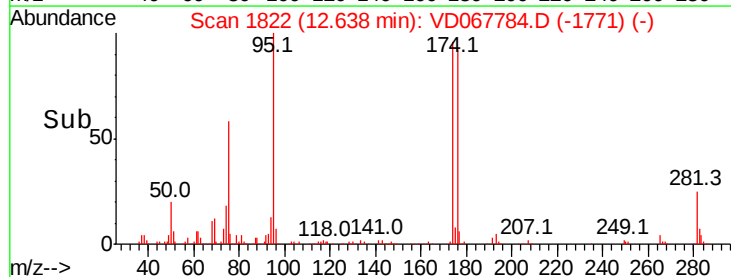
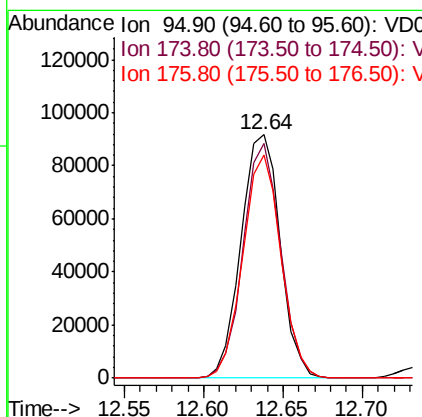
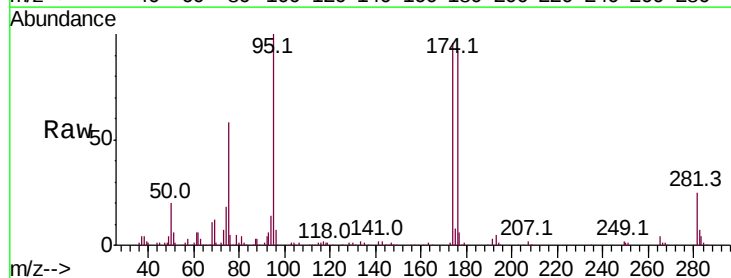
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBSD01

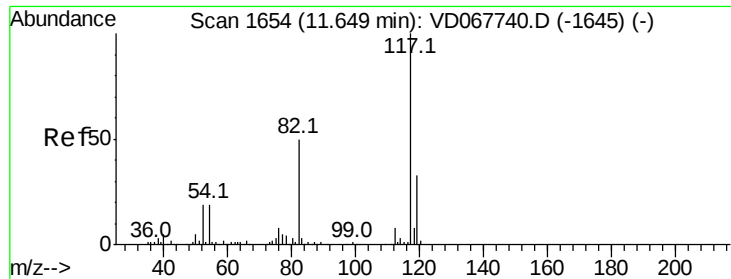
Tot Ion:107 Resp: 31915
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.946 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 95 Resp: 157508
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 182.4
 176 89.2 0.0 178.2

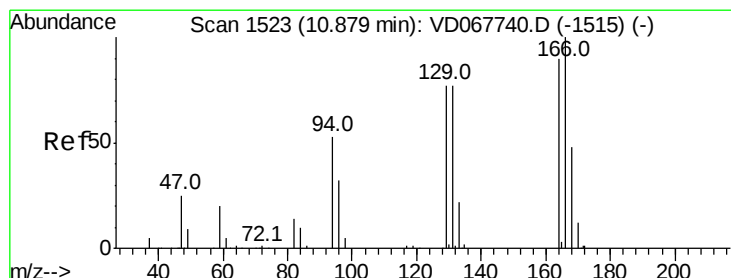
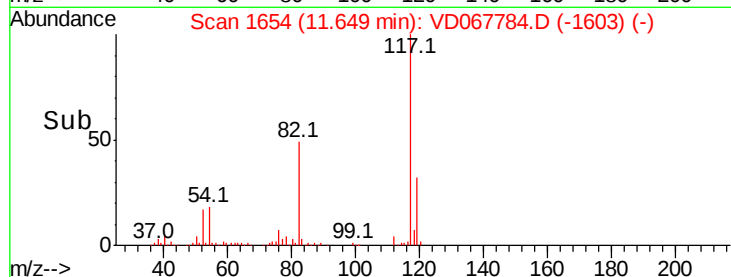
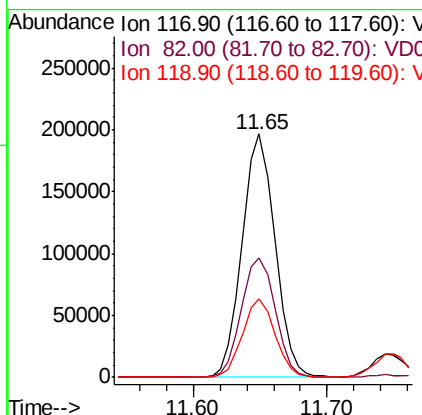
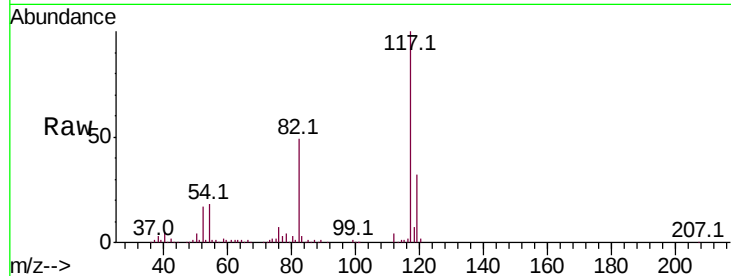




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

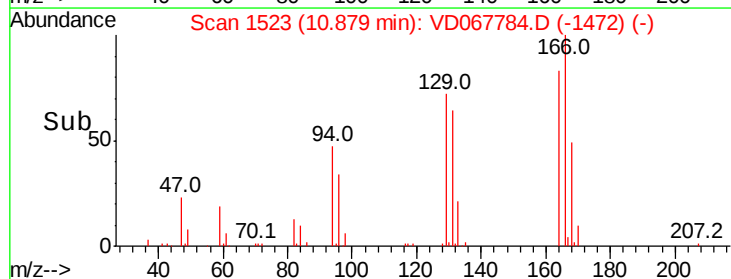
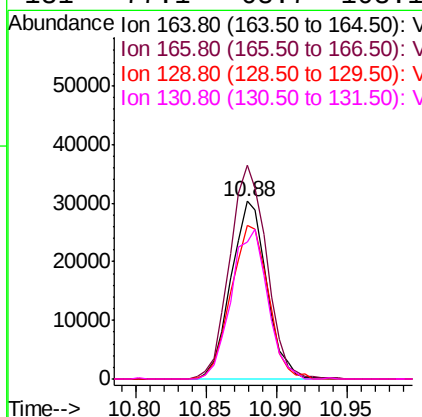
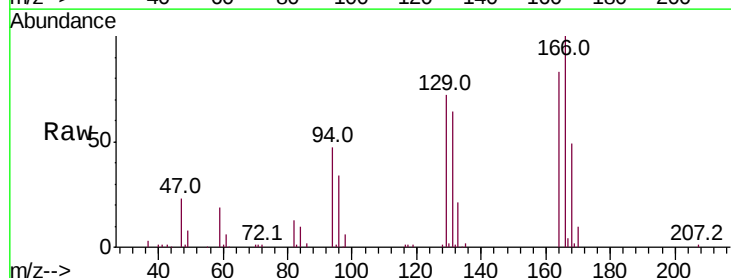
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

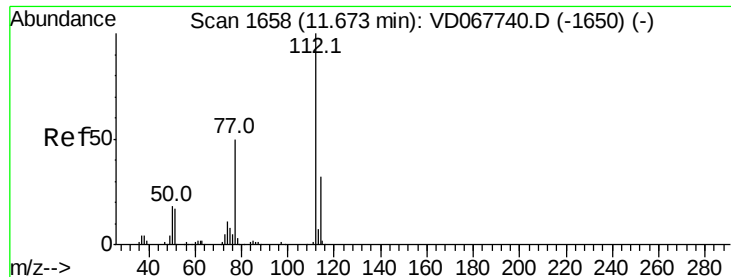
Tot Ion:117 Resp: 336425
Ion Ratio Lower Upper
117 100
82 49.1 40.2 60.4
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 20.418 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion:164 Resp: 53314
Ion Ratio Lower Upper
164 100
166 120.1 89.2 133.8
129 86.5 68.4 102.6
131 77.1 68.7 103.1





#65

Chlorobenzene

Concen: 20.170 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

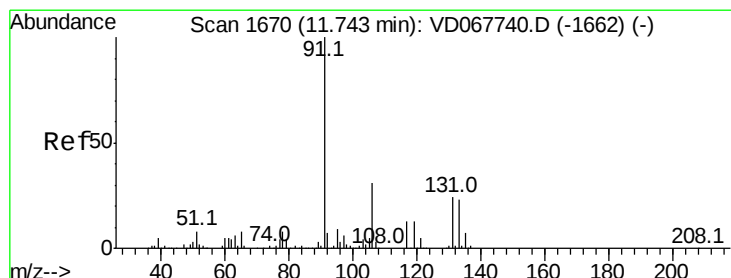
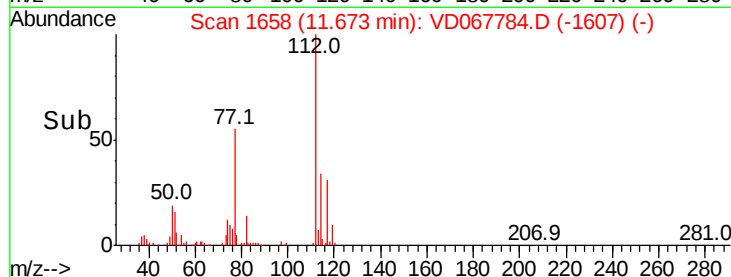
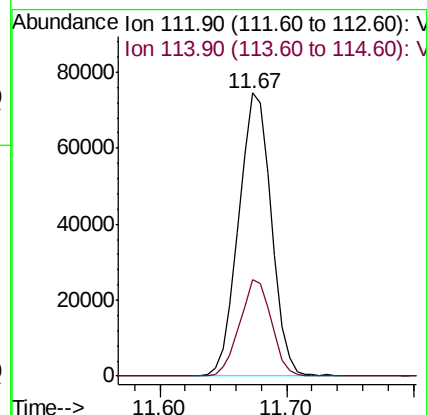
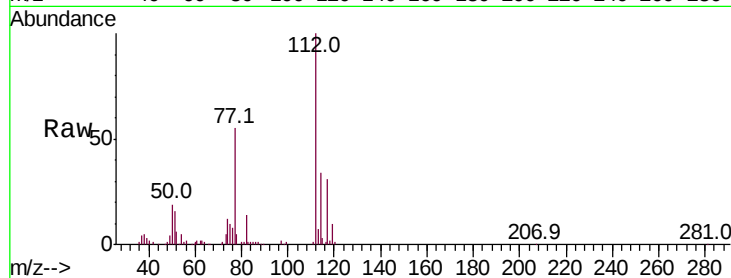
VD1125SBSD01

Tot Ion:112 Resp: 133368

Ion Ratio Lower Upper

112 100

114 34.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 21.379 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

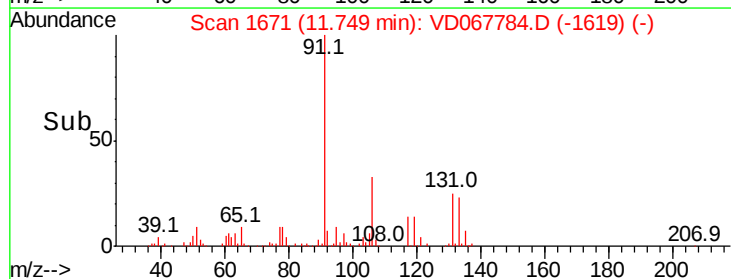
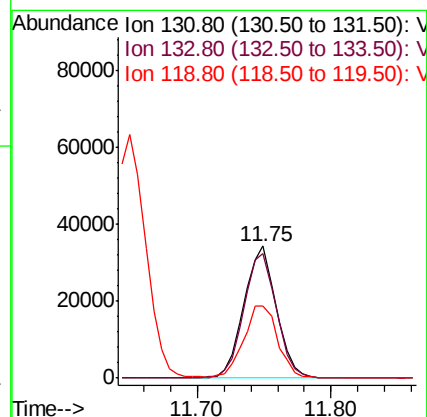
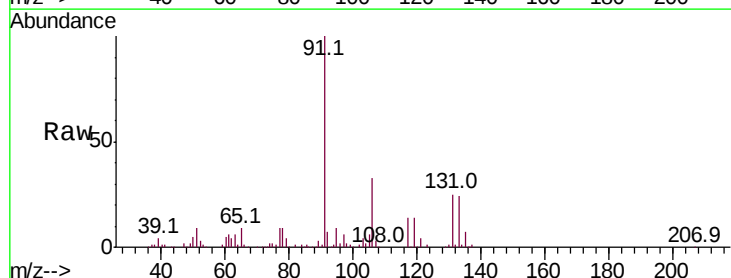
Tgt Ion:131 Resp: 57183

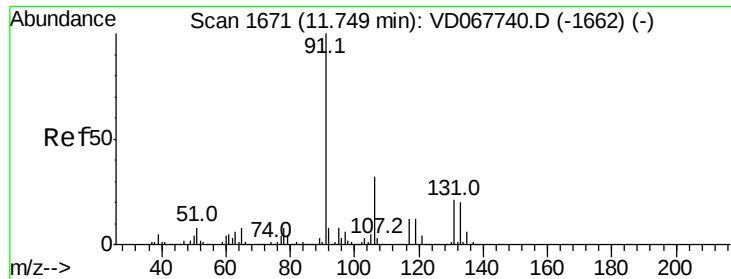
Ion Ratio Lower Upper

131 100

133 95.9 49.0 147.0

119 58.5 28.8 86.5





#67

Ethyl Benzene

Concen: 20.101 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

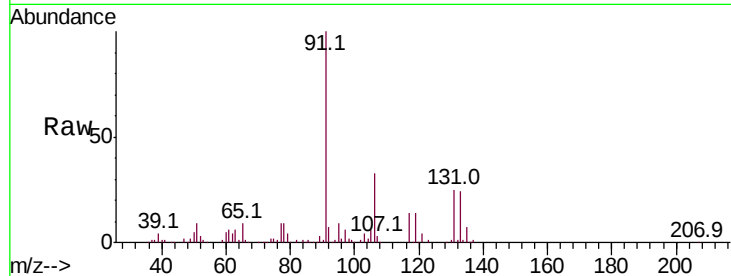
VD1125SBS01

Tot Ion: 91 Resp: 229458

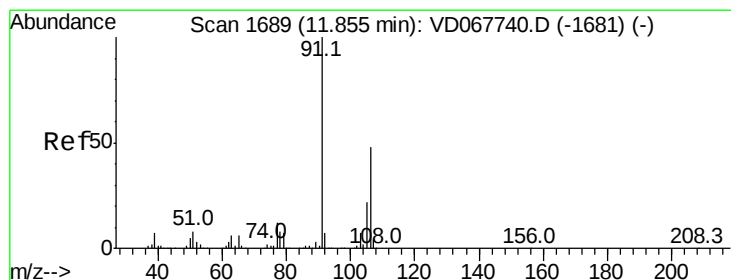
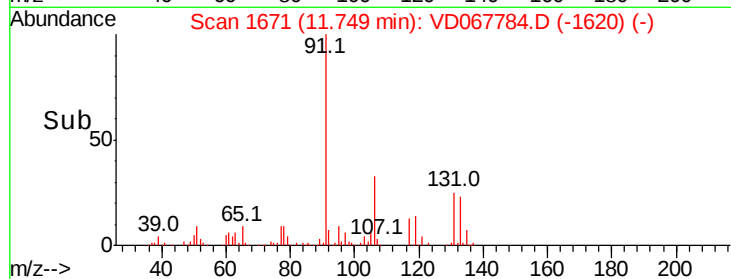
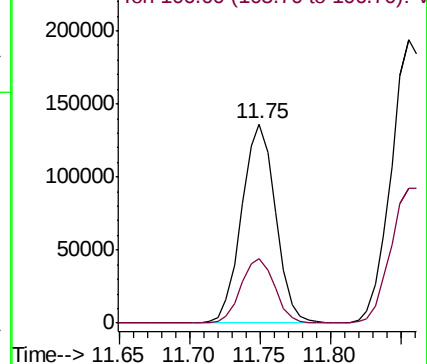
Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 41.600 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067784.D

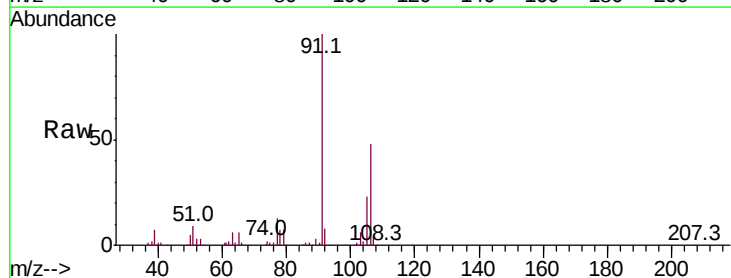
Acq: 25 Nov 2020 13:54

Tgt Ion: 106 Resp: 184793

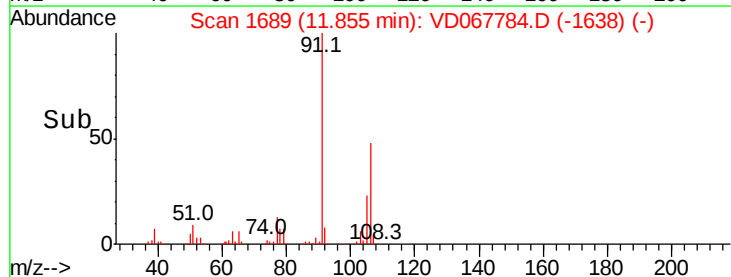
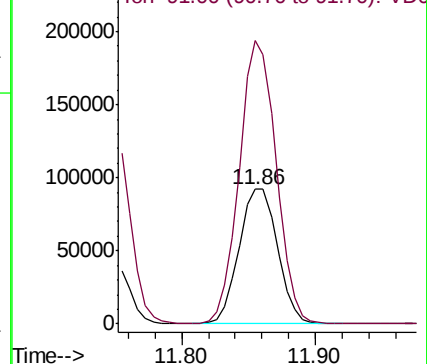
Ion Ratio Lower Upper

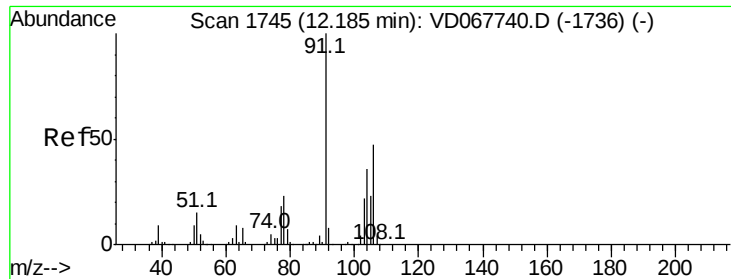
106 100

91 200.8 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V

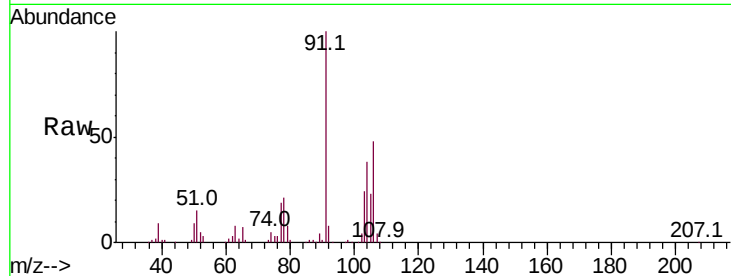




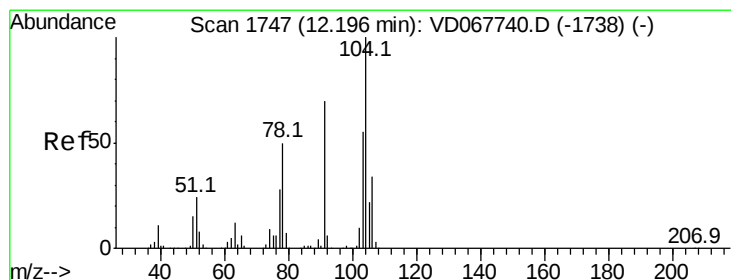
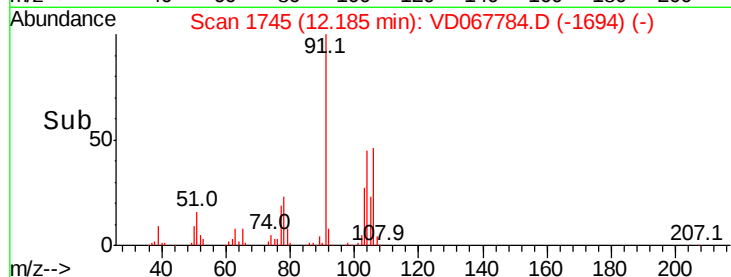
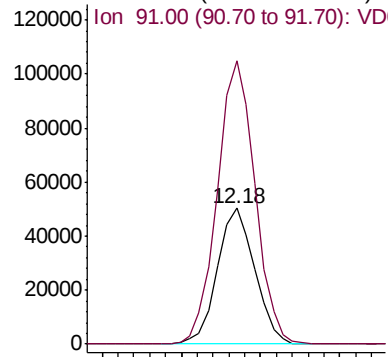
#69
o-Xylene
Concen: 20.431 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion:106 Resp: 82633
Ion Ratio Lower Upper
106 100
91 210.1 106.2 318.6

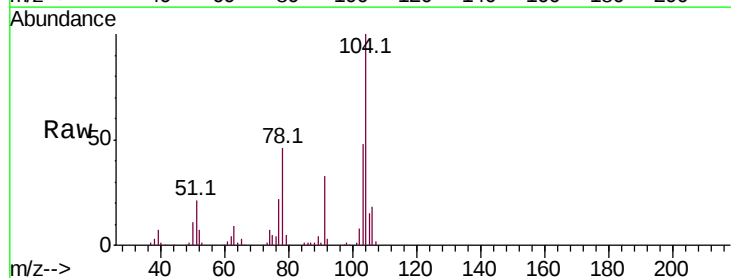


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

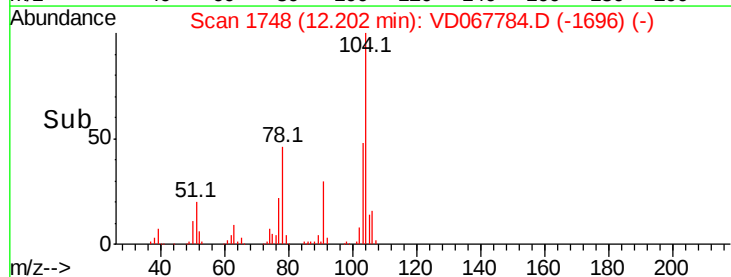
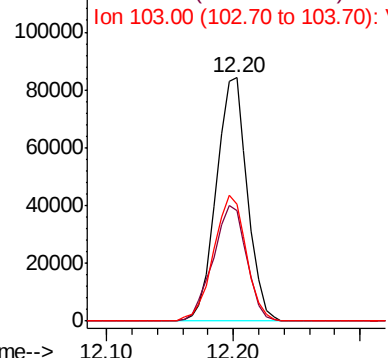


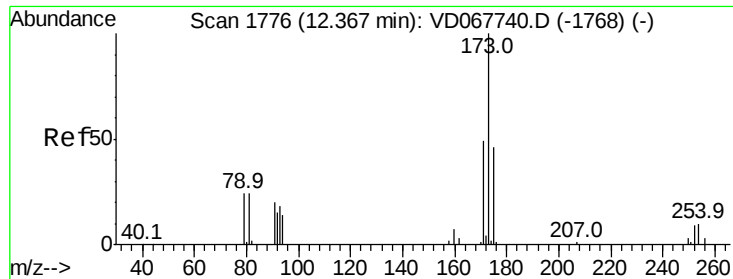
#70
Styrene
Concen: 20.828 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion:104 Resp: 143485
Ion Ratio Lower Upper
104 100
78 51.4 41.9 62.9
103 54.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

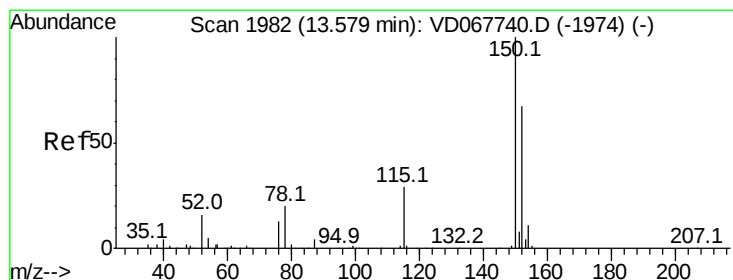
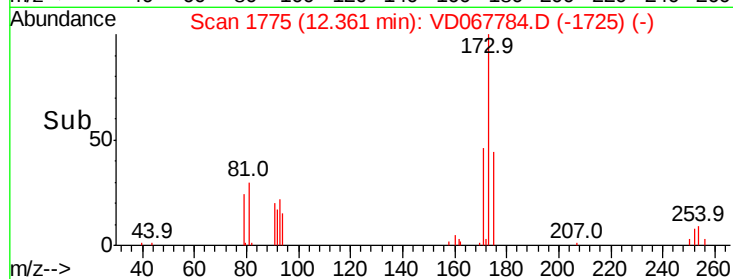
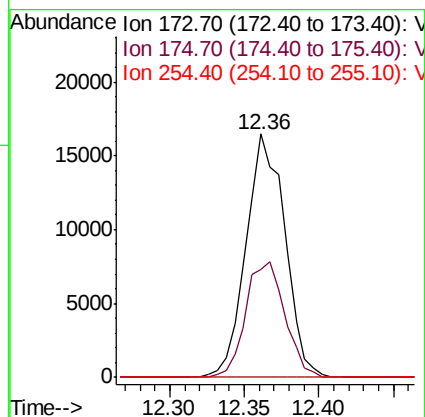
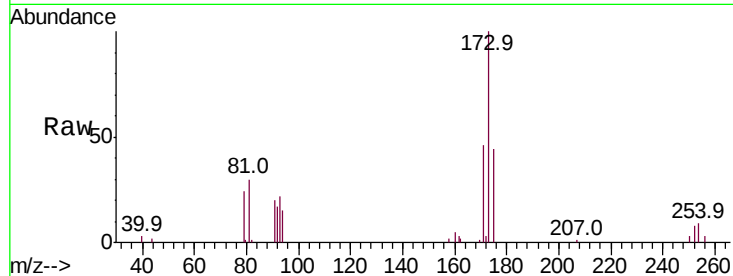




#71
Bromoform
Concen: 20.339 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

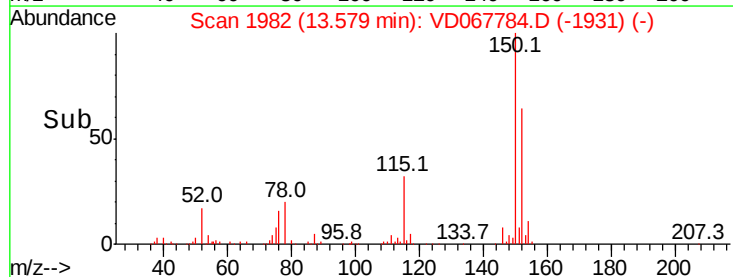
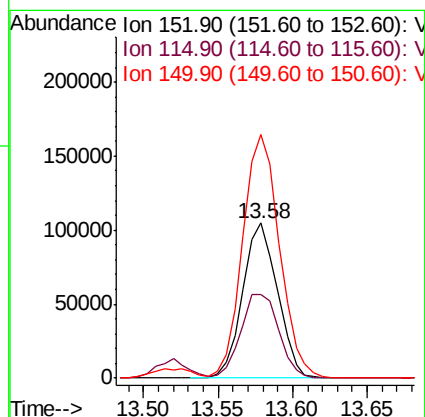
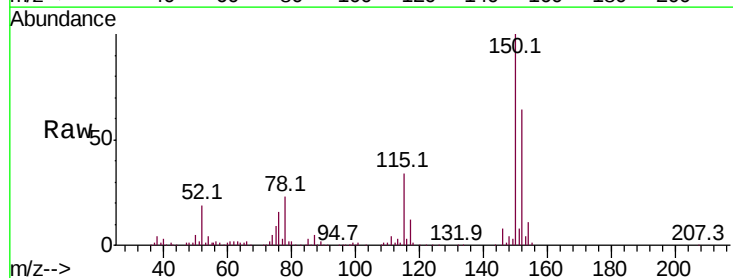
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

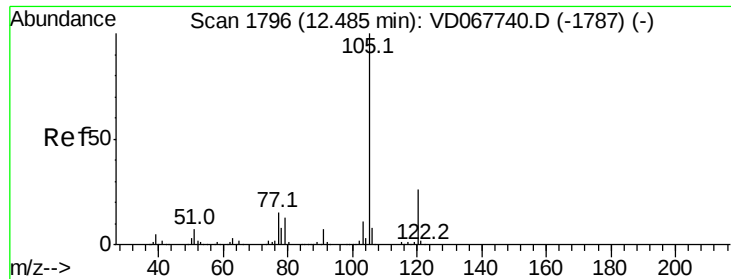
Tot Ion:173 Resp: 29532
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion:152 Resp: 168989
Ion Ratio Lower Upper
152 100
115 59.7 29.4 88.3
150 166.1 0.0 340.6





#73

Isopropylbenzene

Concen: 20.938 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

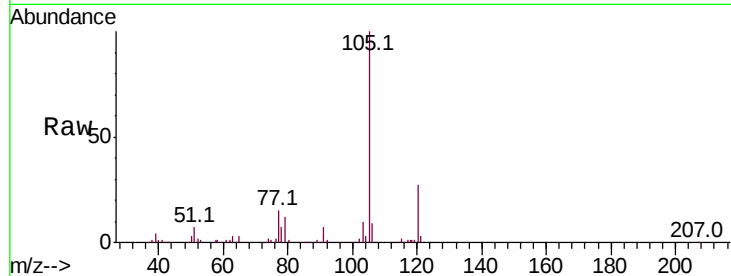
VD1125SBS01

Tot Ion:105 Resp: 232811

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

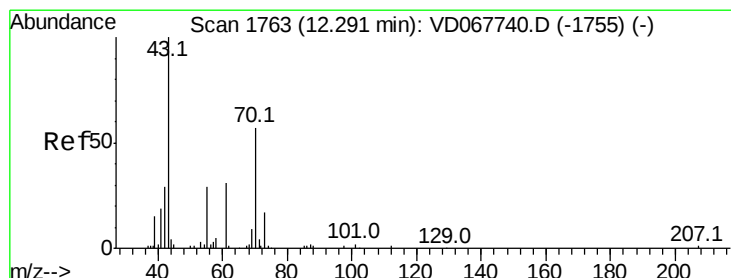
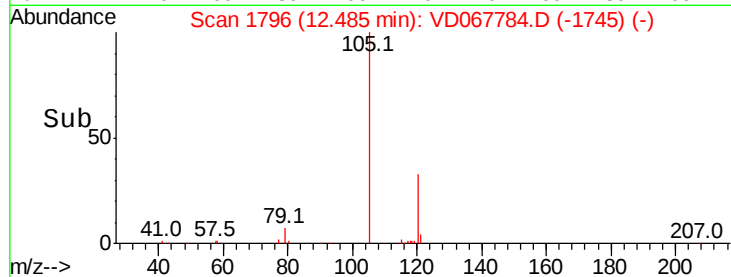
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.597 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion: 43 Resp: 28734

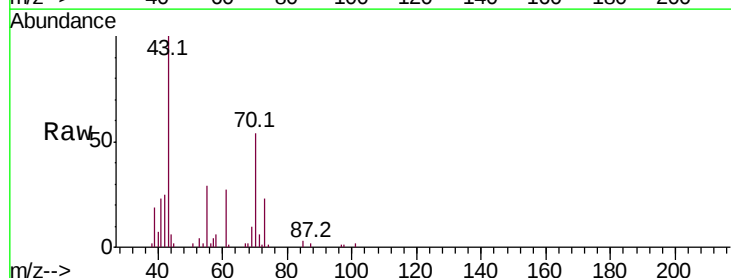
Ion Ratio Lower Upper

43 100

70 55.2 44.6 66.8

55 30.5 24.2 36.2

61 29.1 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

25000

20000

15000

10000

5000

0

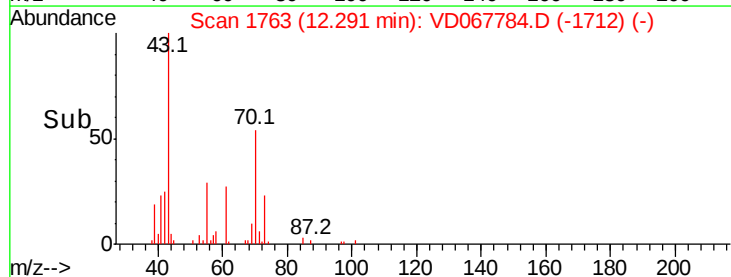
12.20

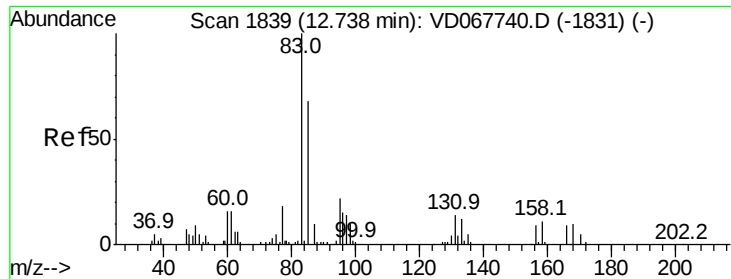
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.269 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

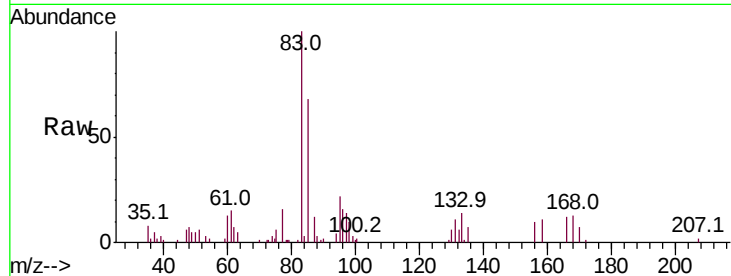
Tot Ion: 83 Resp: 30246

Ion Ratio Lower Upper

83 100

131 13.4 8.1 24.1

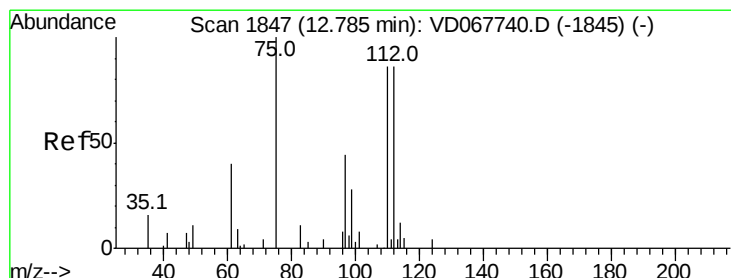
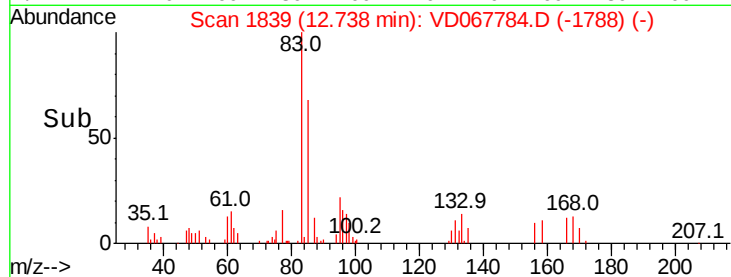
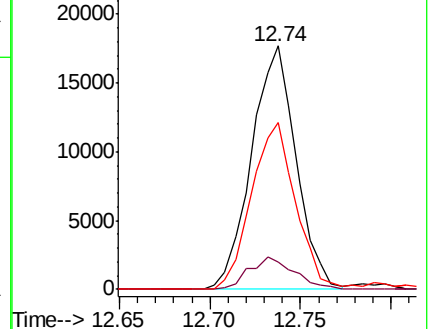
85 68.1 33.9 101.7



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: 38.368 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067784.D

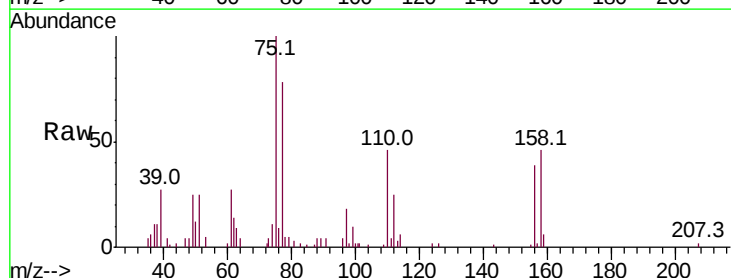
Acq: 25 Nov 2020 13:54

Tgt Ion: 75 Resp: 45189

Ion Ratio Lower Upper

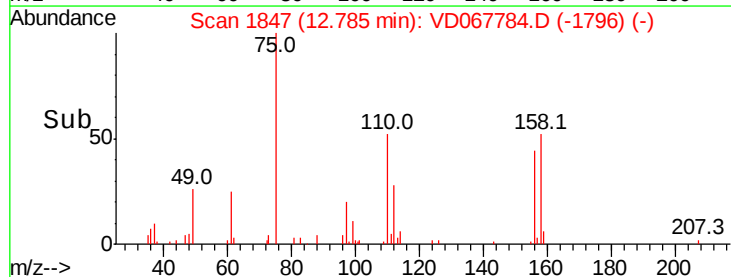
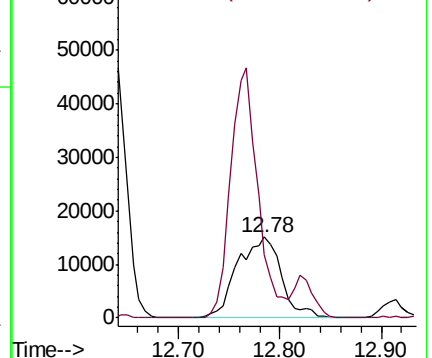
75 100

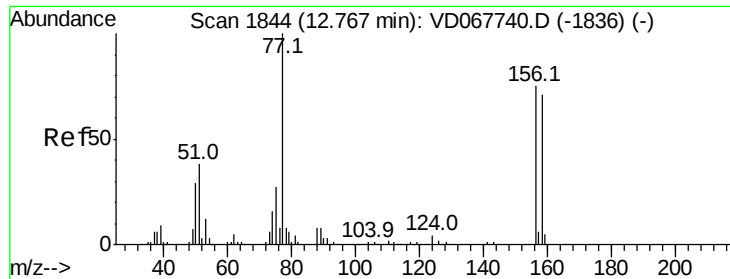
77 194.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

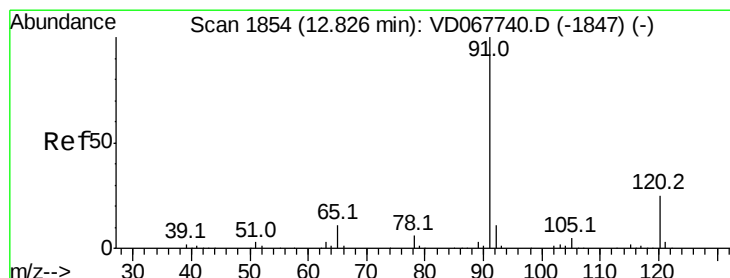
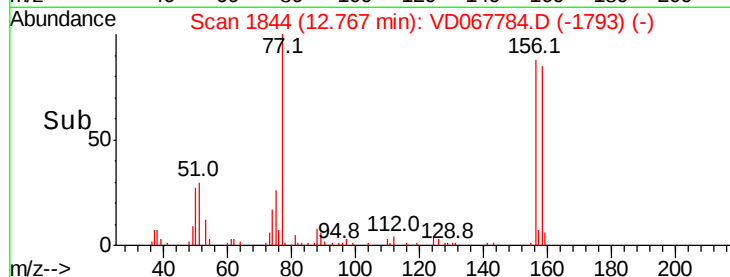
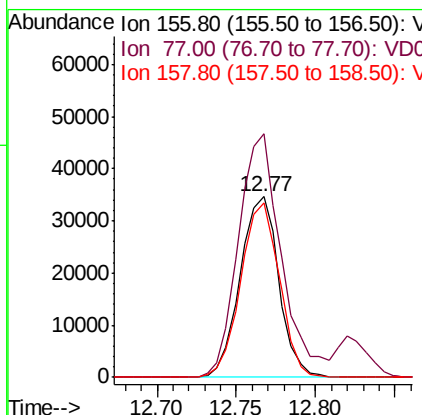
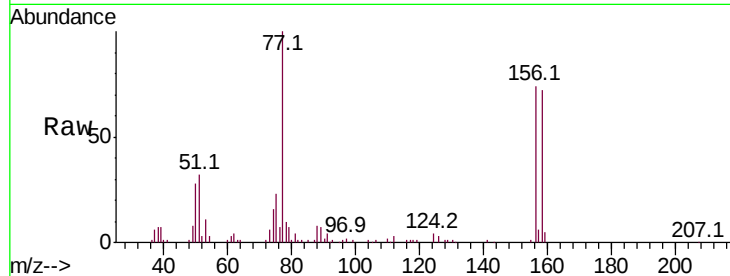




#77
Bromobenzene
Concen: 21.053 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

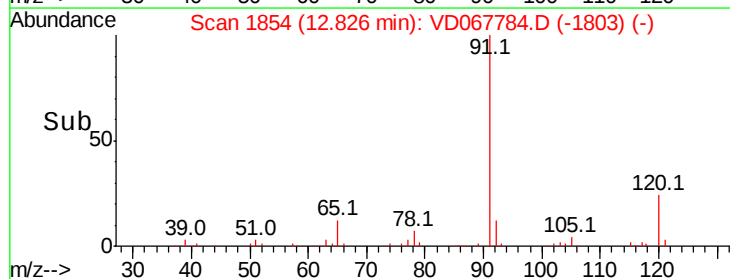
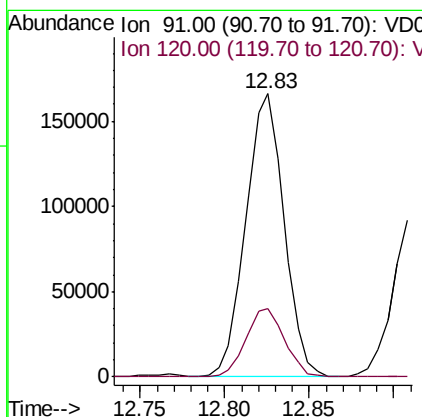
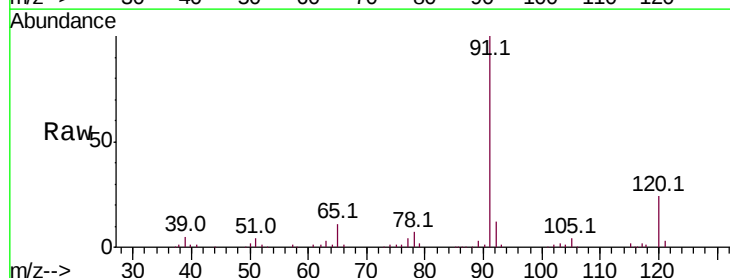
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

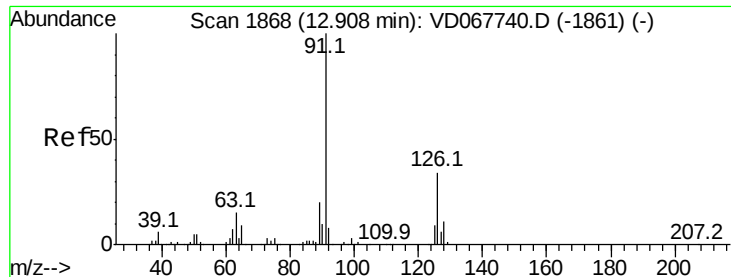
Tot Ion:156 Resp: 58598
Ion Ratio Lower Upper
156 100
77 150.2 73.5 220.3
158 96.9 48.1 144.4



#78
n-propylbenzene
Concen: 21.173 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 91 Resp: 261915
Ion Ratio Lower Upper
91 100
120 24.4 12.4 37.4

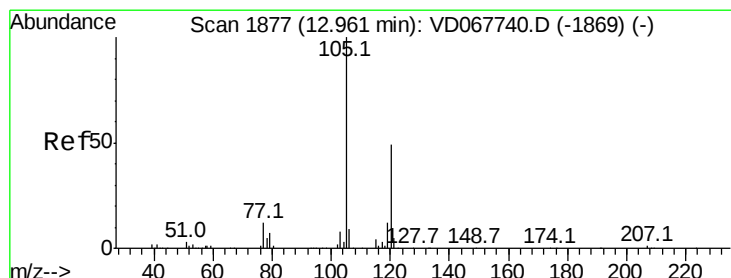
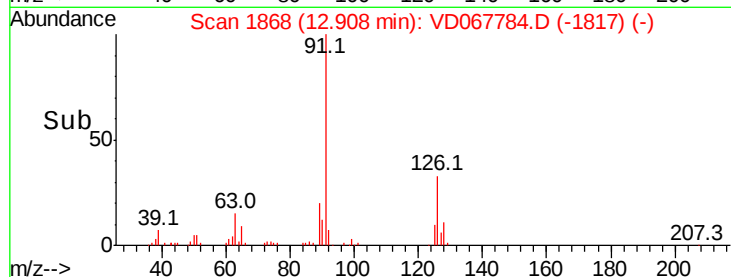
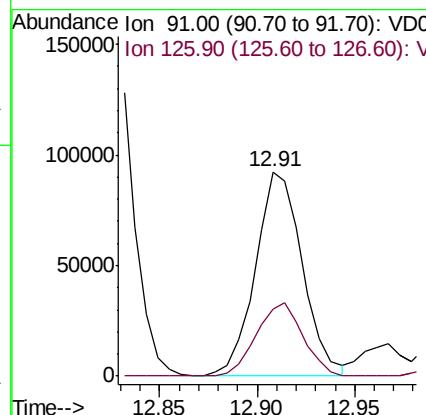
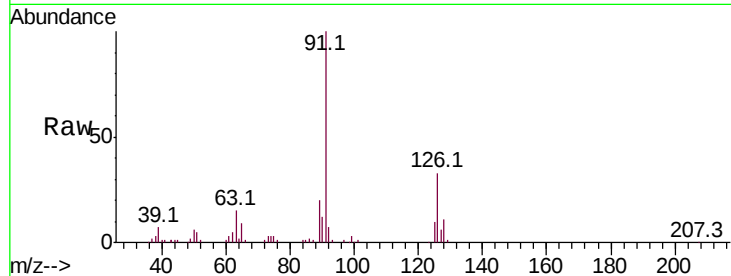




#79
 2-Chlorotoluene
 Concen: 20.969 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

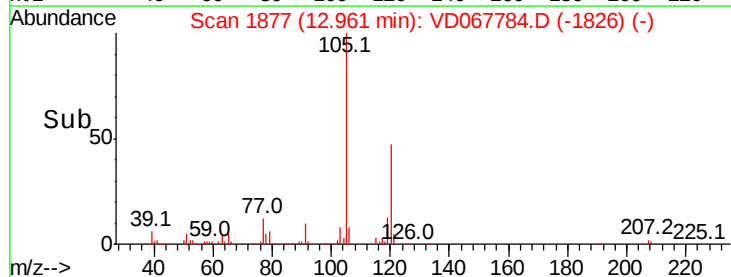
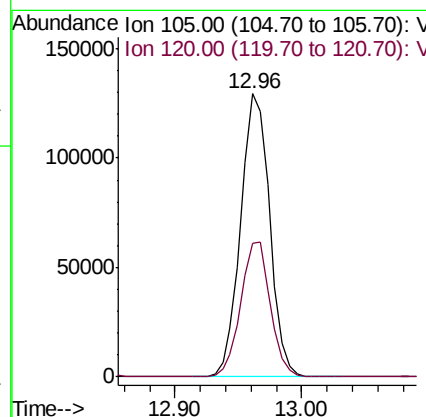
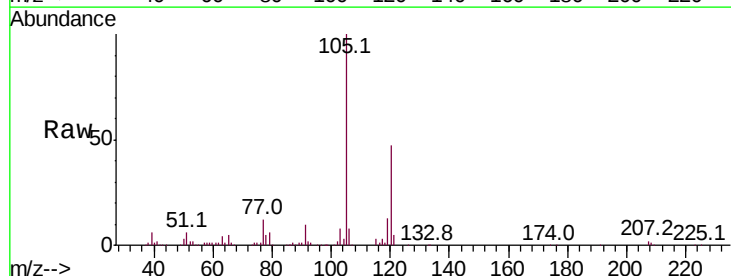
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

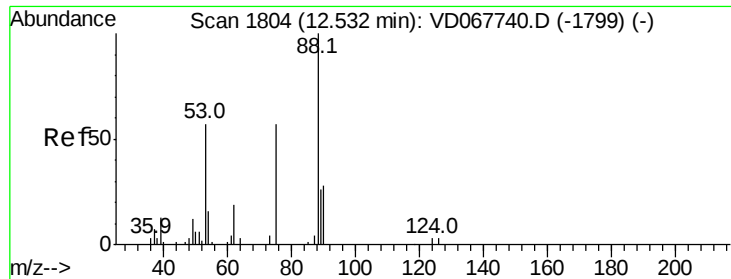
Tot Ion: 91 Resp: 153577
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.197 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 105 Resp: 204993
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.248 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

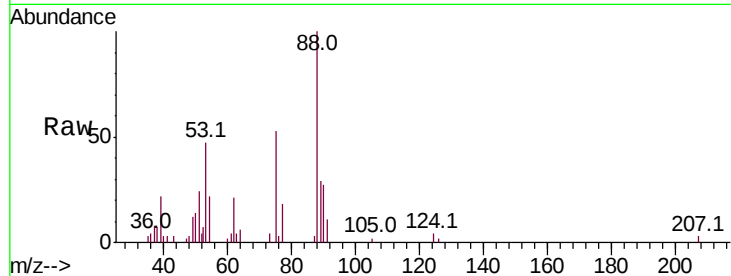
Tot Ion: 75 Resp: 9189

Ion Ratio Lower Upper

75 100

53 103.6 76.0 114.0

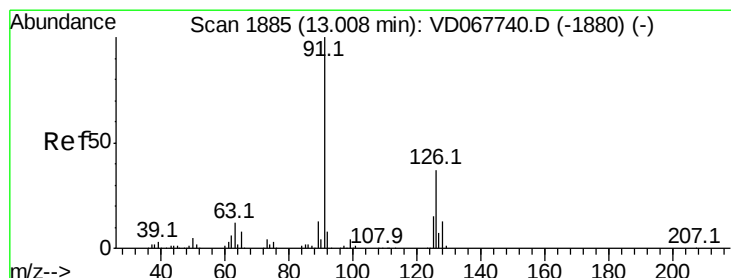
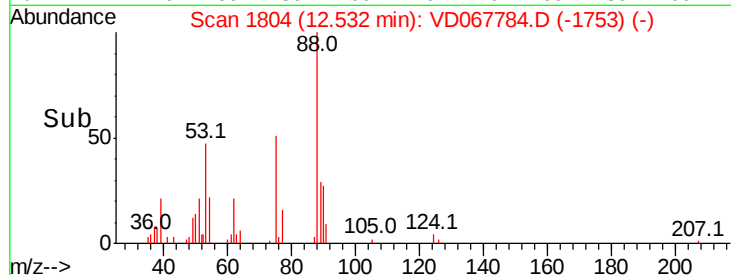
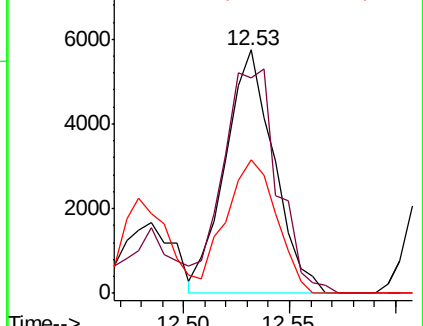
89 56.7 40.2 60.4



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: 21.302 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067784.D

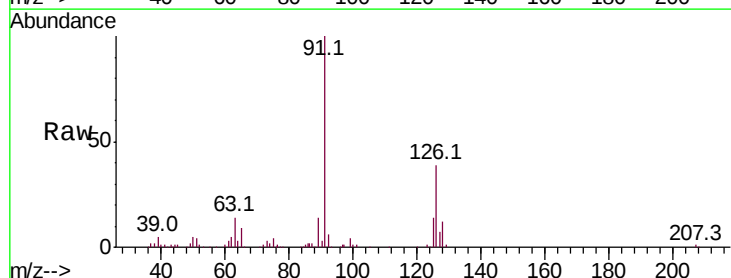
Acq: 25 Nov 2020 13:54

Tgt Ion: 91 Resp: 166238

Ion Ratio Lower Upper

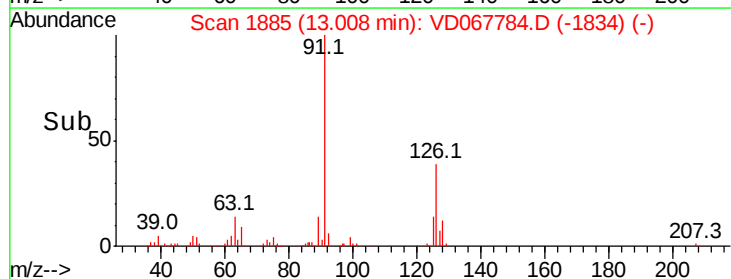
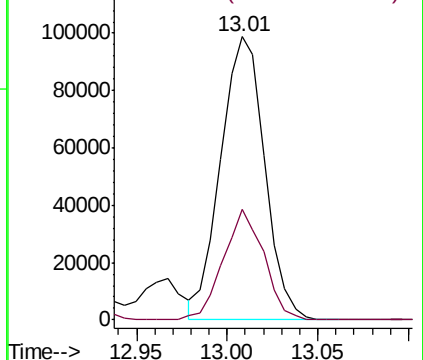
91 100

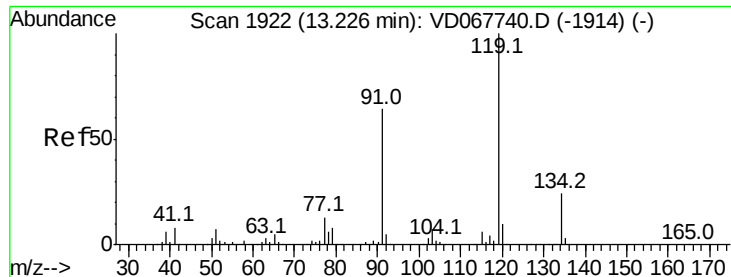
126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.813 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

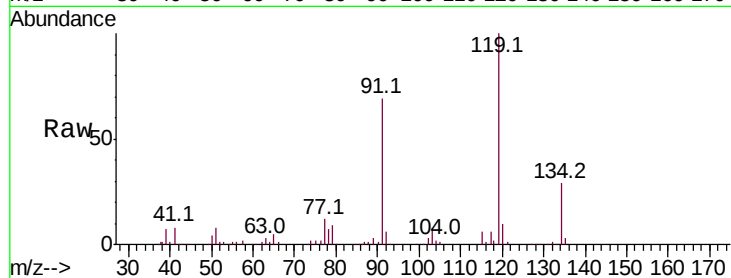
Tot Ion:119 Resp: 164646

Ion Ratio Lower Upper

119 100

91 68.5 32.9 98.7

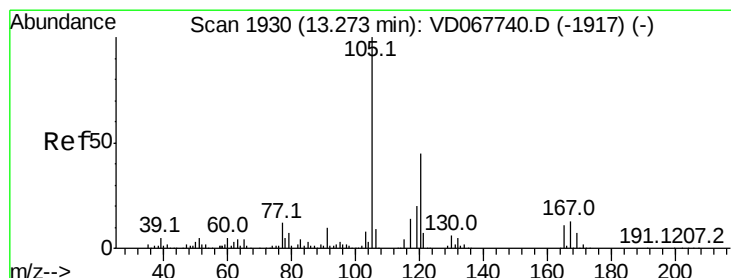
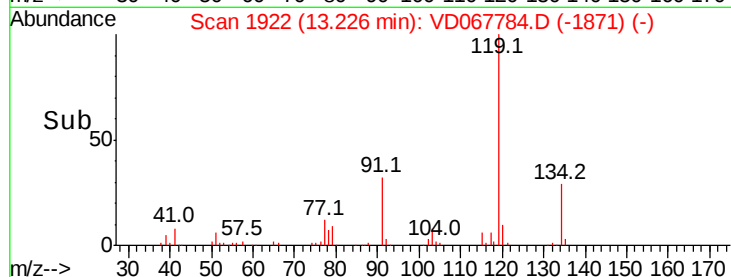
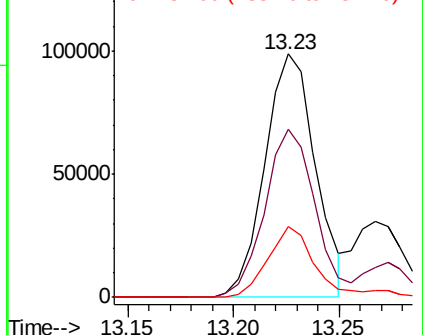
134 28.4 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.290 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067784.D

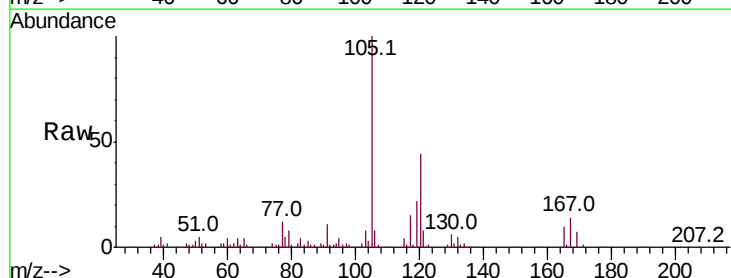
Acq: 25 Nov 2020 13:54

Tgt Ion:105 Resp: 205678

Ion Ratio Lower Upper

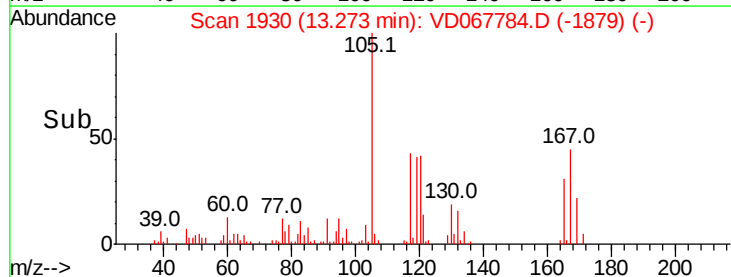
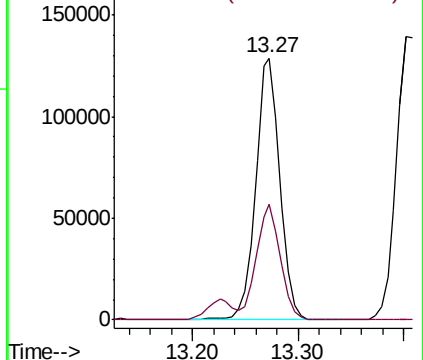
105 100

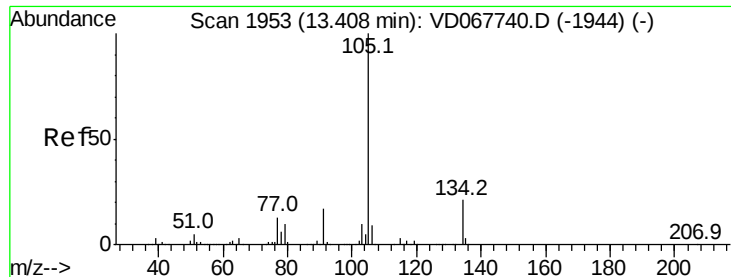
120 43.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.896 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

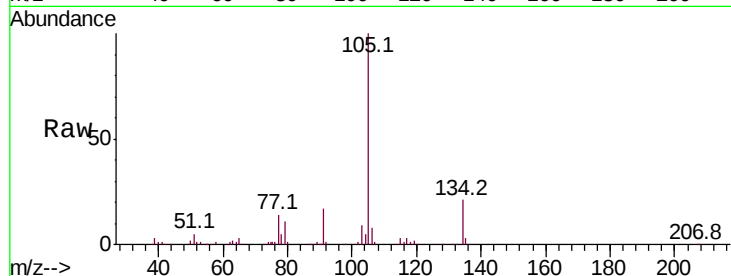
VD1125SBS01

Tot Ion:105 Resp: 228127

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

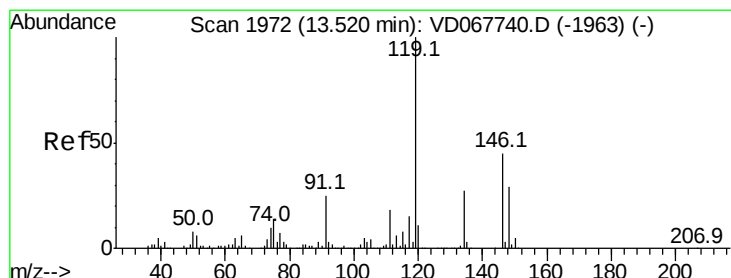
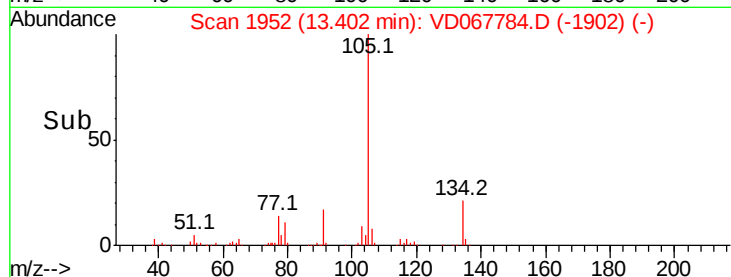
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.915 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

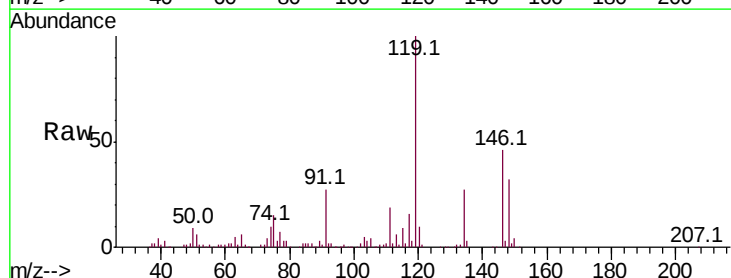
Tgt Ion:119 Resp: 221156

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 25.4 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

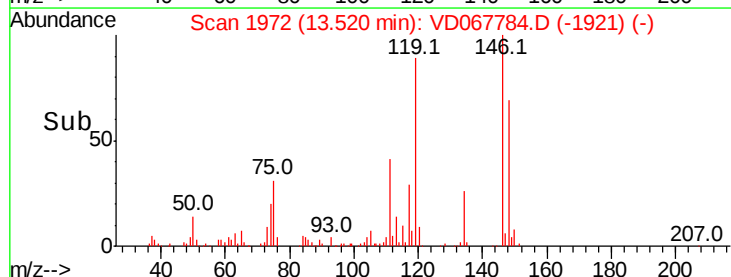
150000

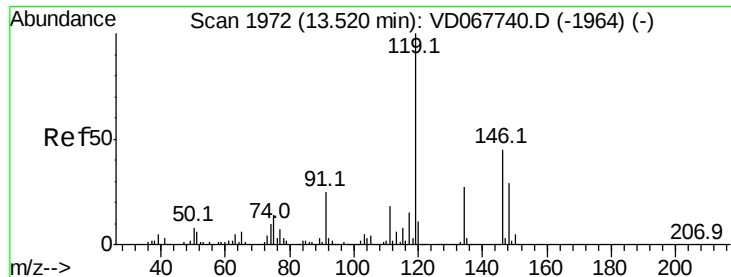
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.662 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

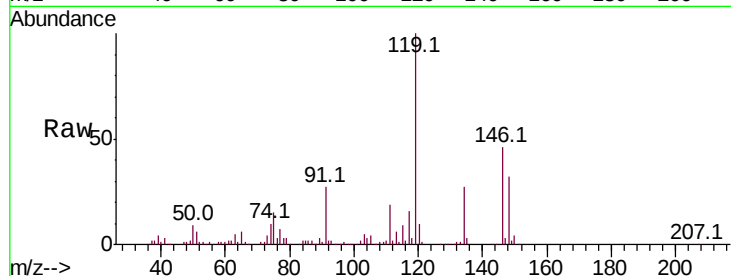
Tot Ion:146 Resp: 111300

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.6

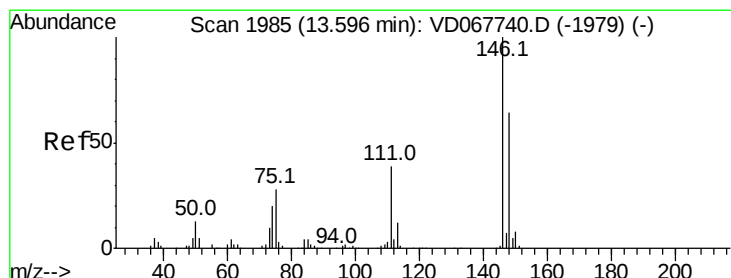
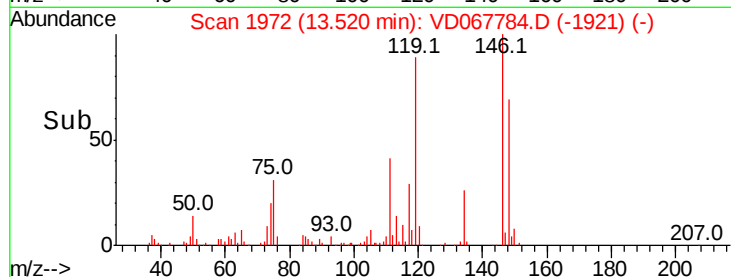
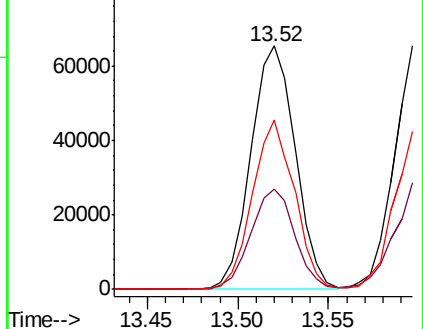
148 65.9 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 20.752 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

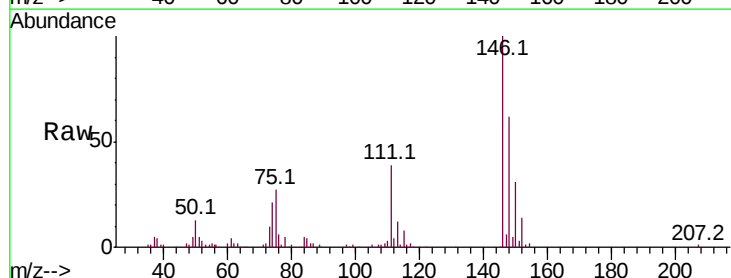
Tgt Ion:146 Resp: 110730

Ion Ratio Lower Upper

146 100

111 41.1 19.4 58.4

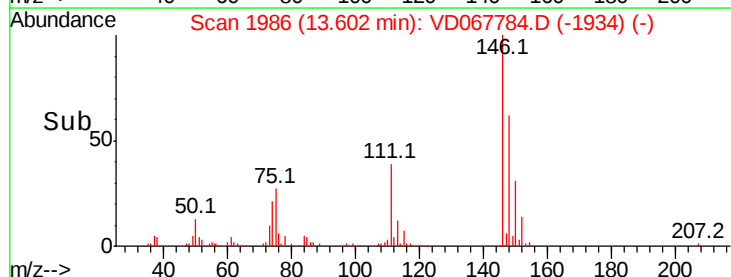
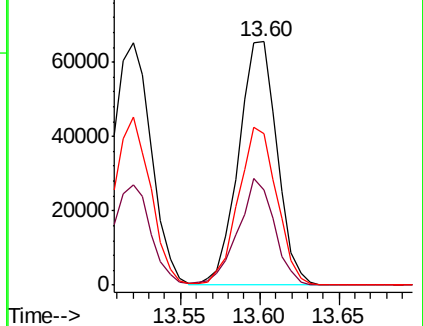
148 64.8 31.6 94.8

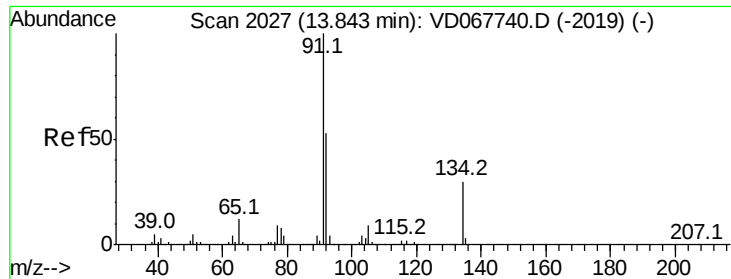


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

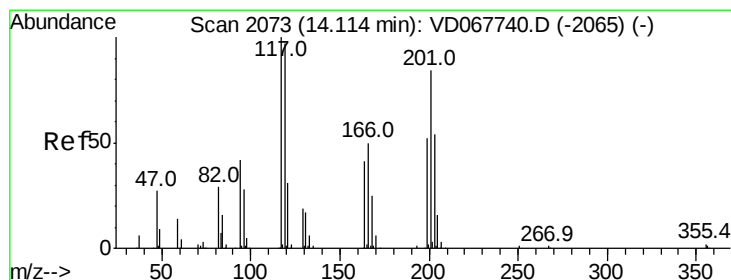
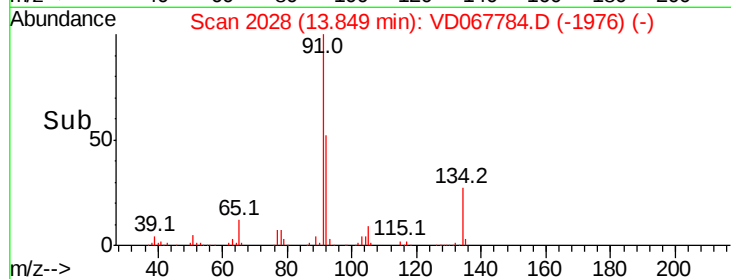
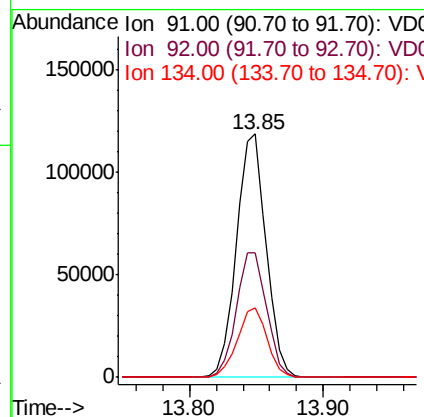
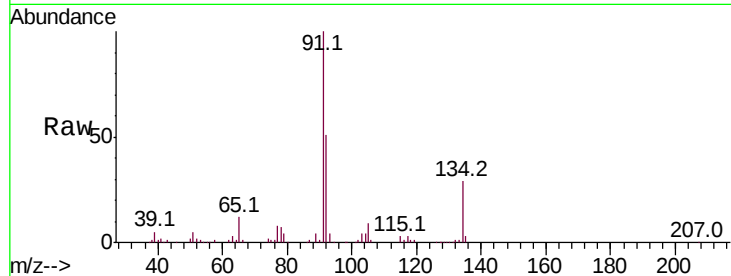




#89
n-Butylbenzene
Concen: 20.235 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

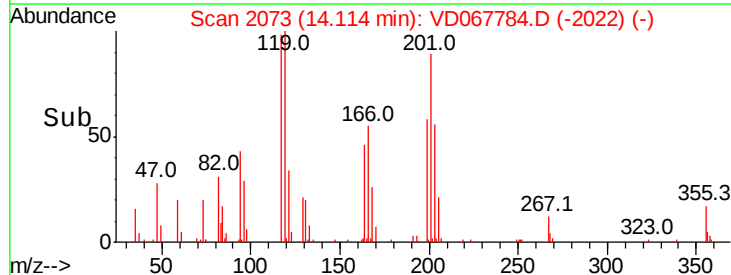
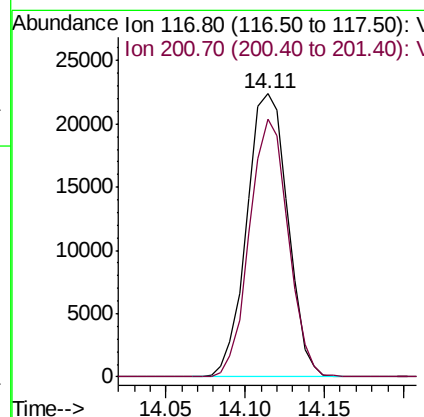
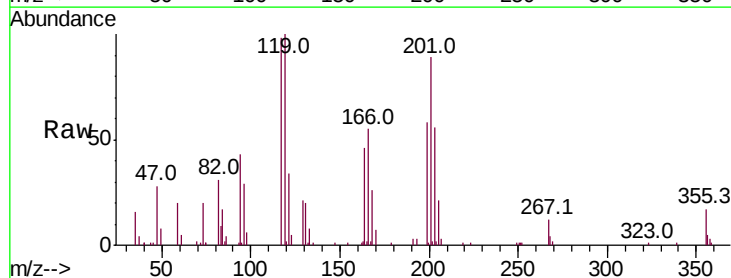
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

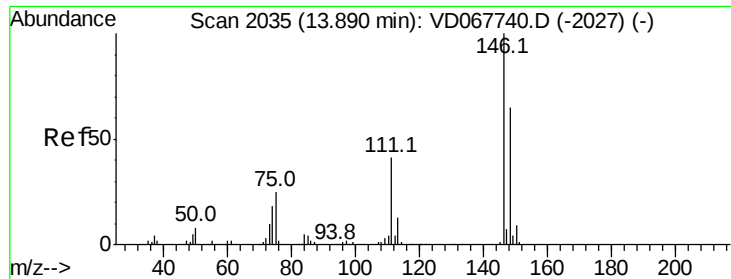
Tot Ion: 91 Resp: 183361
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 28.6 14.8 44.3



#90
Hexachloroethane
Concen: 20.025 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 117 Resp: 40309
Ion Ratio Lower Upper
117 100
201 86.0 42.2 126.6

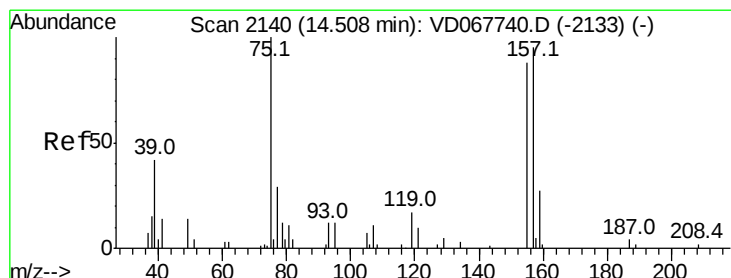
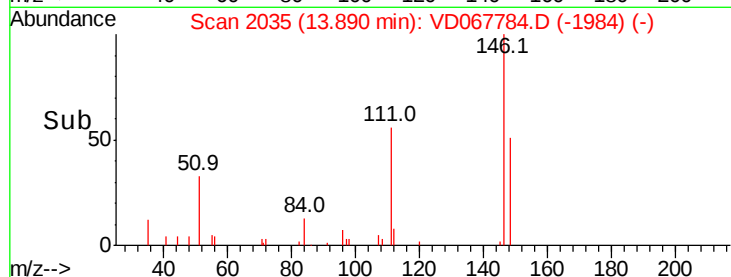
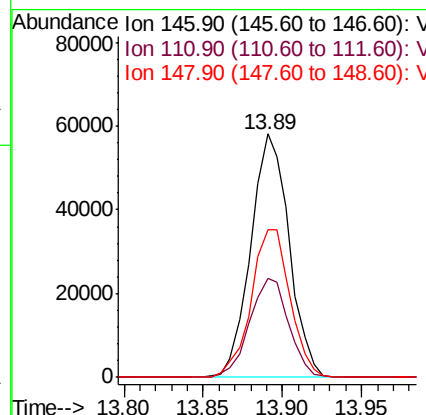
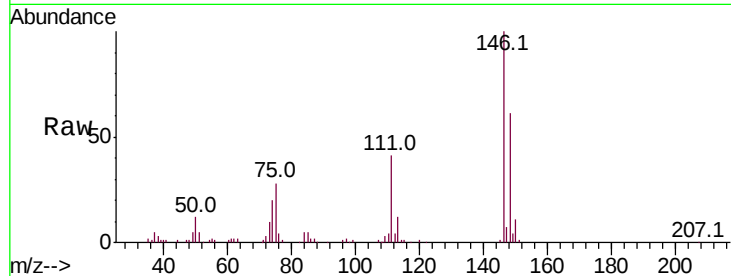




#91
 1,2-Dichlorobenzene
 Concen: 21.046 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

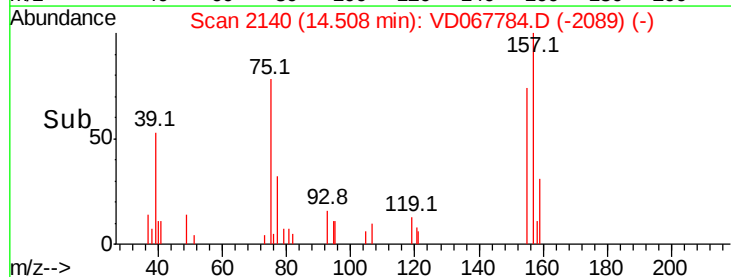
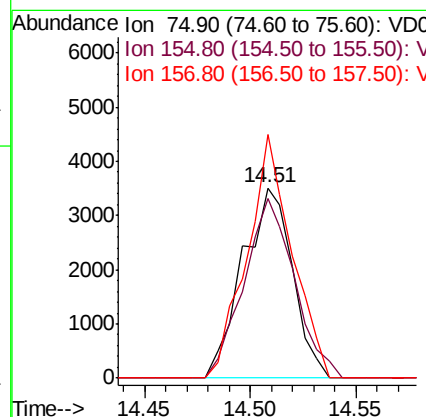
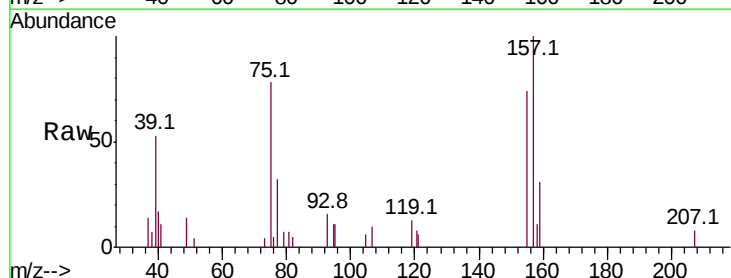
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBSD01

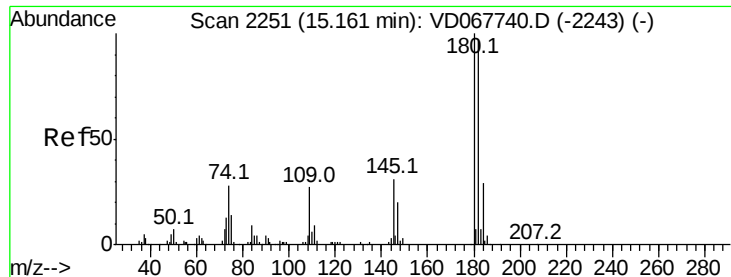
Tot Ion:146 Resp: 97662
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 61.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.805 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 75 Resp: 5728
 Ion Ratio Lower Upper
 75 100
 155 95.8 41.0 123.0
 157 115.2 51.1 153.4

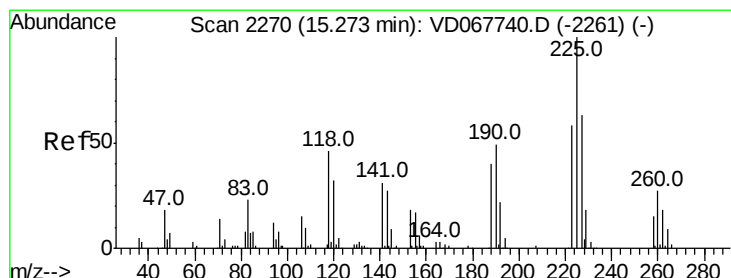
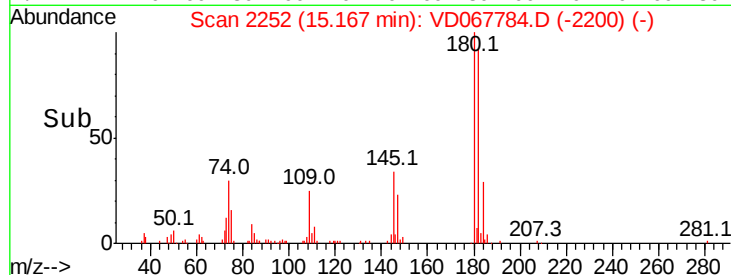
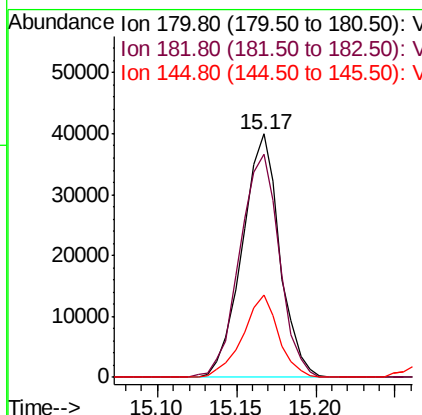
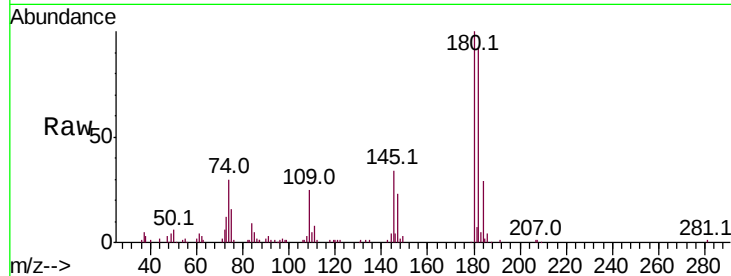




#93
 1,2,4-Trichlorobenzene
 Concen: 19.940 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

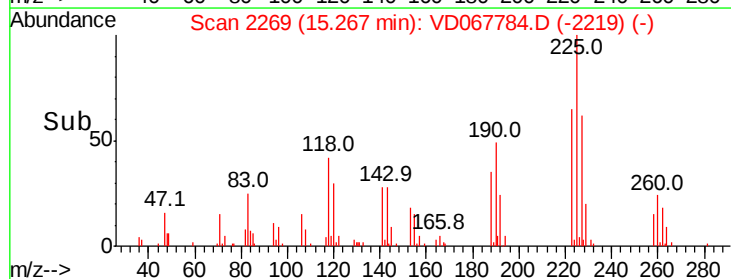
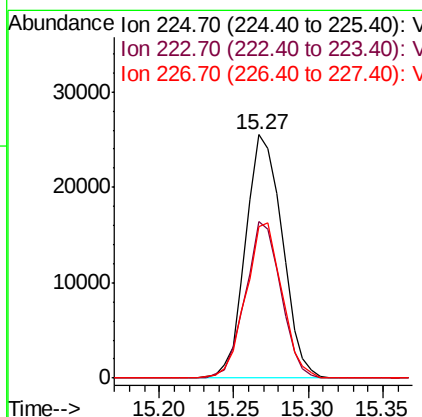
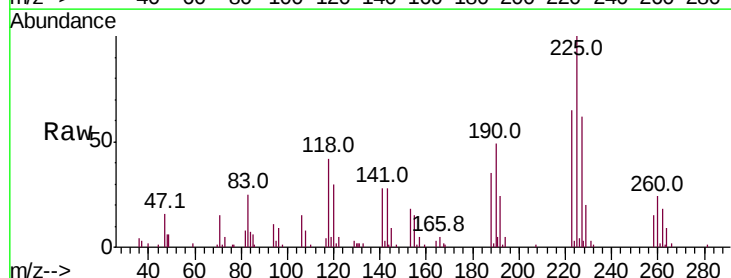
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBSD01

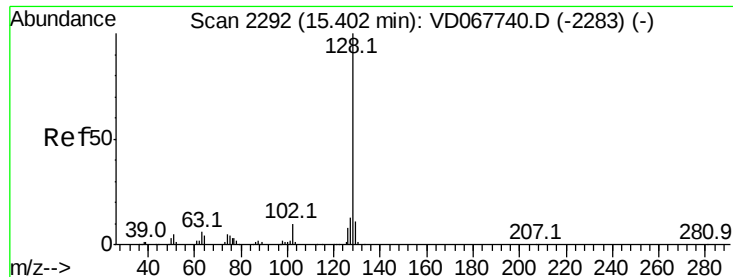
Tot Ion:180 Resp: 65516
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.2
 145 32.3 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 20.680 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion:225 Resp: 43413
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.5 94.5
 227 62.7 32.9 98.7





#95

Naphthalene

Concen: 19.847 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

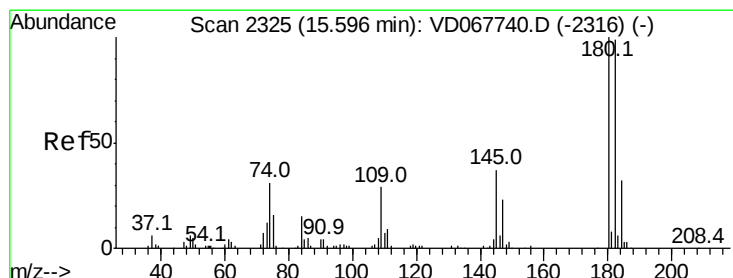
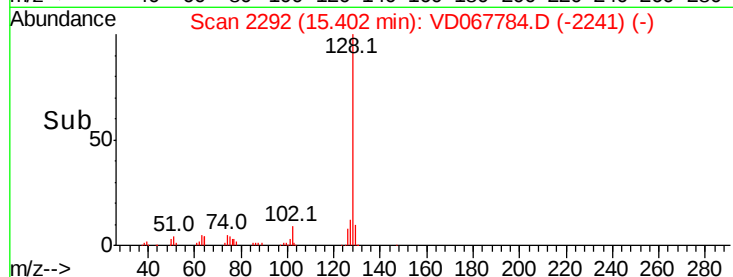
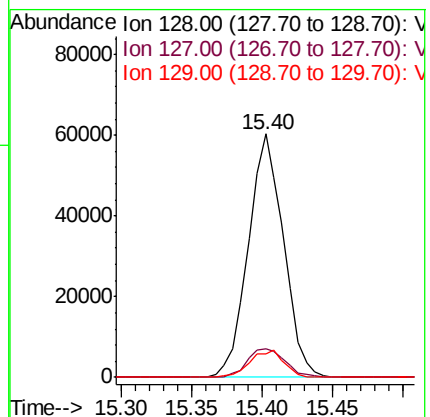
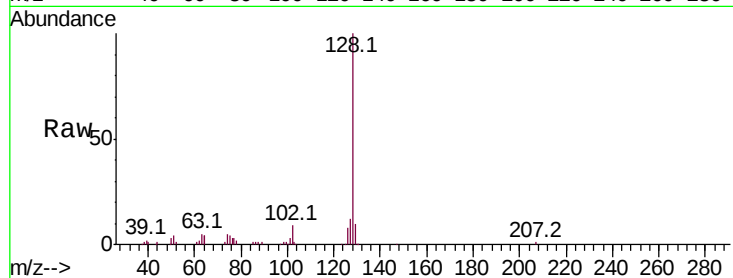
Tot Ion:128 Resp: 105532

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.736 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:180 Resp: 58034

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 36.9 16.8 50.4

