

Data File : VD067762.D
Acq On : 24 Nov 2020 12:03
Operator : VA/SY
Sample : VD1124SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Quant Time: Nov 25 02:03:04 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	7.99	168	261588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	179602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137473	54.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.10%
35) Dibromofluoromethane	7.92	113	127468	51.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.22%
50) Toluene-d8	10.34	98	469616	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.64	95	165381	53.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.16%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46873	20.590	ug/l	95
3) Chloromethane	2.21	50	29480	23.261	ug/l	97
4) Vinyl Chloride	2.35	62	32306	20.343	ug/l	89
5) Bromomethane	2.76	94	31220	23.074	ug/l	95
6) Chloroethane	2.92	64	22262	21.034	ug/l #	86
7) Trichlorofluoromethane	3.27	101	103889	21.438	ug/l	96
8) Diethyl Ether	3.70	74	21096	21.561	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	49616	21.381	ug/l	99
10) Methyl Iodide	4.30	142	49822	20.976	ug/l	97
11) Tert butyl alcohol	5.19	59	13987	75.431	ug/l	98
12) 1,1-Dichloroethene	4.07	96	45120	21.013	ug/l	95
13) Acrolein	3.93	56	10903	103.420	ug/l	97
14) Allyl chloride	4.71	41	44943	21.652	ug/l	97
15) Acrylonitrile	5.43	53	36409	106.842	ug/l	93
16) Acetone	4.16	43	33184	100.992	ug/l	91
17) Carbon Disulfide	4.41	76	132533	21.340	ug/l	96
18) Methyl Acetate	4.71	43	14822	22.422	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	99000	21.573	ug/l	100
20) Methylene Chloride	4.96	84	54323	17.077	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	52793	21.626	ug/l	93
22) Diisopropyl ether	6.36	45	92517	22.580	ug/l	92
23) Vinyl Acetate	6.31	43	258295	111.757	ug/l	97
24) 1,1-Dichloroethane	6.27	63	77677	22.361	ug/l	96
25) 2-Butanone	7.22	43	38954	105.647	ug/l	98
26) 2,2-Dichloropropane	7.21	77	88842	21.679	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	57421	22.067	ug/l	99
28) Bromochloromethane	7.55	49	23439	21.065	ug/l	99
29) Tetrahydrofuran	7.57	42	23259	110.948	ug/l	94
30) Chloroform	7.71	83	98427	21.668	ug/l	99
31) Cyclohexane	7.99	56	63964	20.784	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	99062	20.592	ug/l	99
36) 1,1-Dichloropropene	8.11	75	70518	21.174	ug/l	99
37) Ethyl Acetate	7.30	43	20102	22.447	ug/l	94
38) Carbon Tetrachloride	8.10	117	98487	20.401	ug/l	96

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Nov 25 02:03:04 2020
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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	81374	20.647	ug/l	93
40) Benzene	8.36	78	195703	21.396	ug/l	97
41) Methacrylonitrile	7.56	41	27827	60.853	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	65161	20.996	ug/l	97
43) Isopropyl Acetate	8.46	43	36415	20.362	ug/l	96
44) Trichloroethene	9.12	130	63413	20.918	ug/l	94
45) 1,2-Dichloropropane	9.39	63	41329	22.021	ug/l	97
46) Dibromomethane	9.48	93	26888	21.043	ug/l	95
47) Bromodichloromethane	9.67	83	74673	20.986	ug/l	98
48) Methyl methacrylate	9.46	41	17537	19.615	ug/l	91
49) 1,4-Dioxane	9.46	88	5575	402.601	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	89265	106.076	ug/l	99
52) Toluene	10.41	92	134595	21.691	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	64865	20.866	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	75692	21.515	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	36986	21.573	ug/l	97
56) Ethyl methacrylate	10.67	69	37201	20.958	ug/l	97
57) 1,3-Dichloropropane	10.95	76	58939	21.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	77275	93.173	ug/l	97
59) 2-Hexanone	10.99	43	61873	104.139	ug/l	99
60) Dibromochloromethane	11.14	129	56555	21.647	ug/l	98
61) 1,2-Dibromoethane	11.25	107	35810	21.198	ug/l	92
64) Tetrachloroethene	10.88	164	56492	20.414	ug/l	92
65) Chlorobenzene	11.67	112	151908	21.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	61783	21.796	ug/l	97
67) Ethyl Benzene	11.75	91	257175	21.258	ug/l	96
68) m/p-Xylenes	11.86	106	202507	43.015	ug/l	98
69) o-Xylene	12.18	106	93958	21.920	ug/l	98
70) Styrene	12.20	104	160920	22.041	ug/l	98
71) Bromoform	12.36	173	31423	20.420	ug/l #	95
73) Isopropylbenzene	12.48	105	251490	21.282	ug/l	97
74) N-amyl acetate	12.29	43	32946	21.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	33663	21.226	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	50844	40.619	ug/l #	100
77) Bromobenzene	12.77	156	63809	21.571	ug/l	98
78) n-propylbenzene	12.83	91	287520	21.870	ug/l	100
79) 2-Chlorotoluene	12.91	91	166813	21.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	224221	21.815	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11556	21.593	ug/l	99
82) 4-Chlorotoluene	13.01	91	179691	21.665	ug/l	100
83) tert-Butylbenzene	13.23	119	194987	22.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	224519	21.867	ug/l	98
85) sec-Butylbenzene	13.40	105	250678	21.605	ug/l	99
86) p-Isopropyltoluene	13.52	119	245945	21.885	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	121944	21.300	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	123413	21.762	ug/l	100
89) n-Butylbenzene	13.84	91	201884	20.963	ug/l	99
90) Hexachloroethane	14.11	117	44218	20.669	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	104317	21.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6812	19.923	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112420\
Quantitation Report (Not Reviewed)

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Operator : VA/SY
Sample : VD1124SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
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Quant Time: Nov 25 02:03:04 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	71455	20.463	ug/l	99
94) Hexachlorobutadiene	15.27	225	47843	21.444	ug/l	96
95) Naphthalene	15.40	128	115783	20.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	61511	20.680	ug/l	98

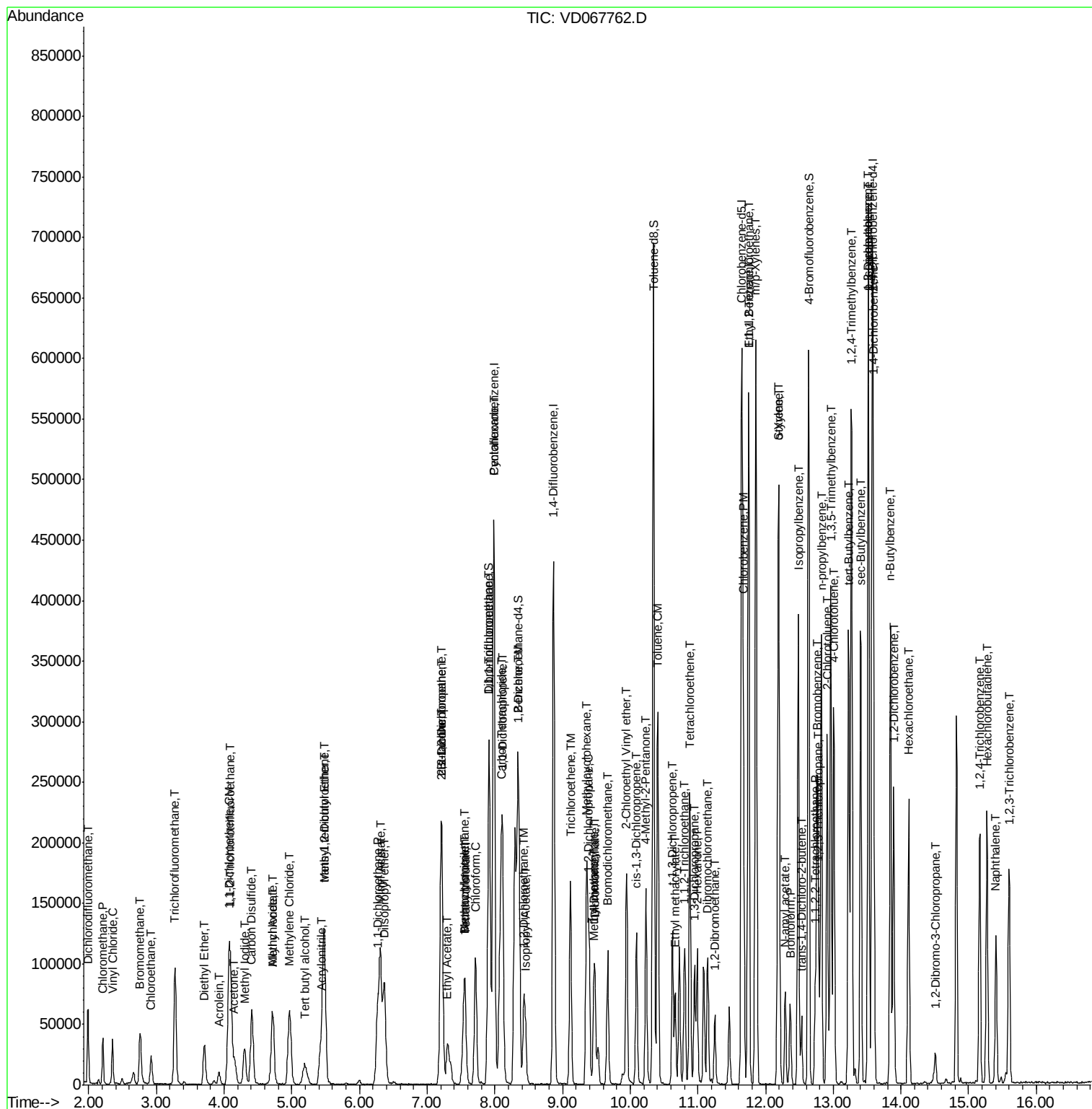
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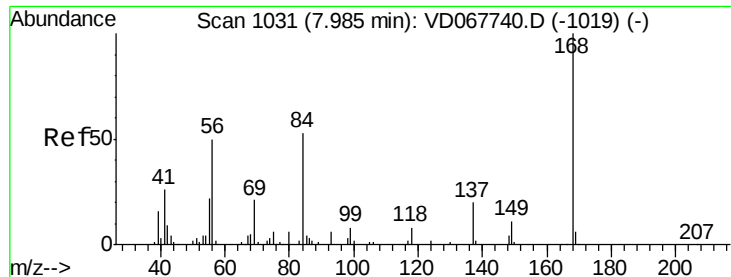
Data File : VD067762.D

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Acq On       : 24 Nov 2020  12:03
Operator    : VA/SY
Sample      : VD1124SBS01
Misc       : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Quant Time: Nov 25 02:03:04 2020
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

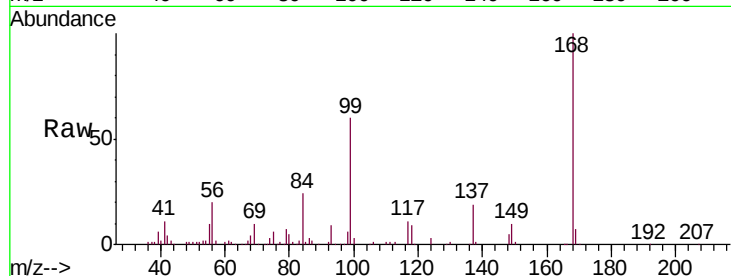
VD1124SBSD01

Tgt Ion:168 Resp: 261588

Ion Ratio Lower Upper

168 100

99 59.6 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

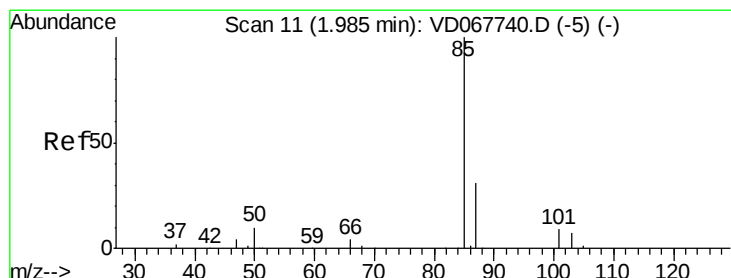
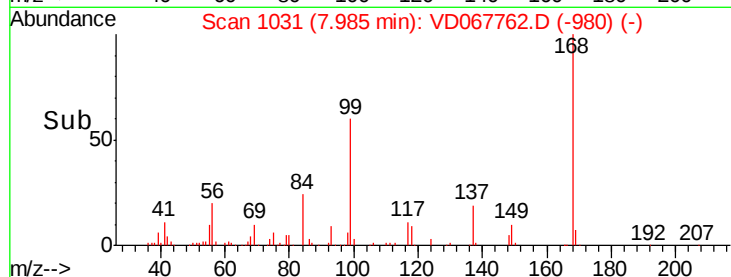
7.99

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.590 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067762.D

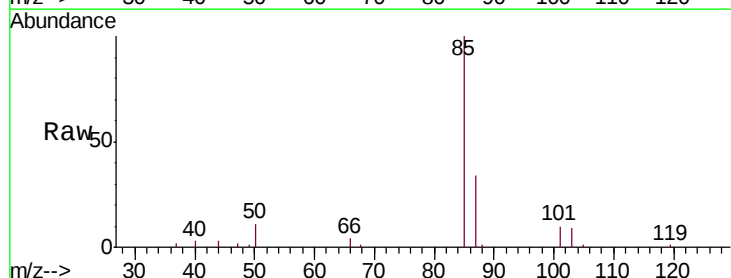
Acq: 24 Nov 2020 12:03

Tgt Ion: 85 Resp: 46873

Ion Ratio Lower Upper

85 100

87 33.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

40000

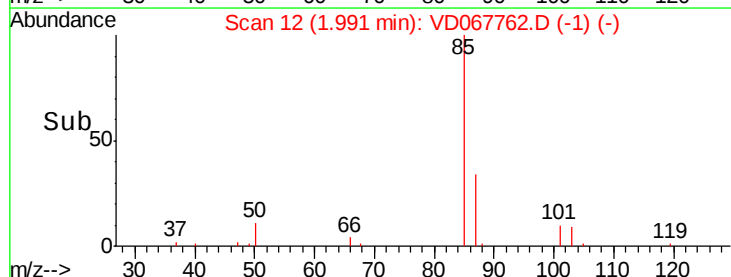
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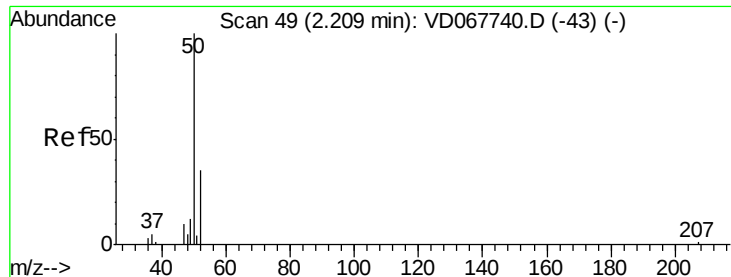
20000

10000

0

Time-->





#3

Chloromethane

Concen: 23.261 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

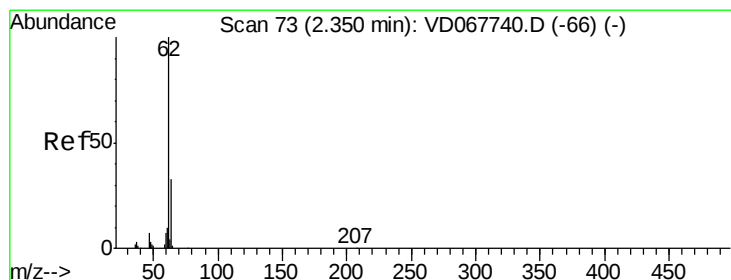
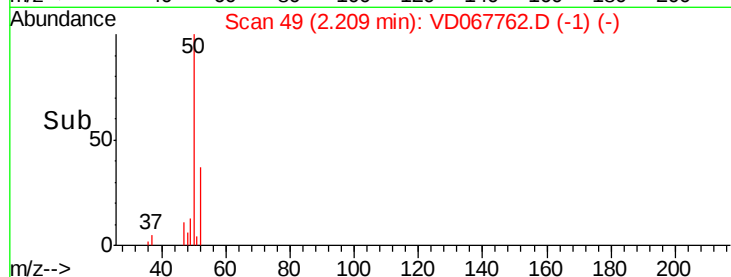
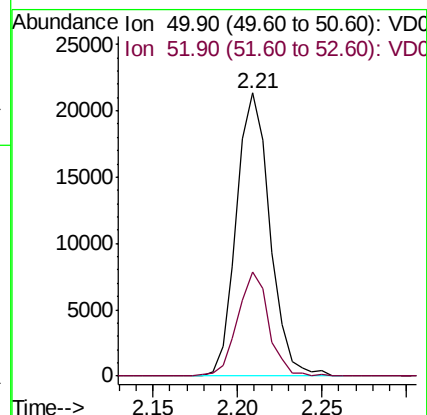
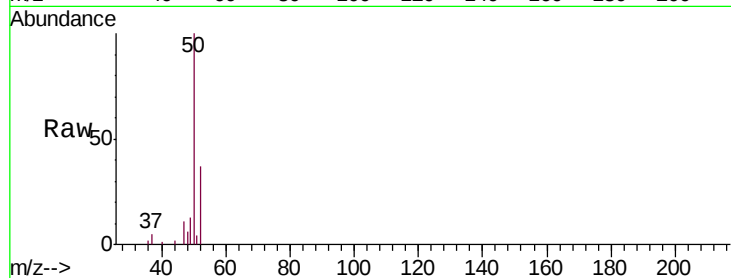
VD1124SBSD01

Tgt Ion: 50 Resp: 29480

Ion Ratio Lower Upper

50 100

52 36.6 27.8 41.8



#4

Vinyl Chloride

Concen: 20.343 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067762.D

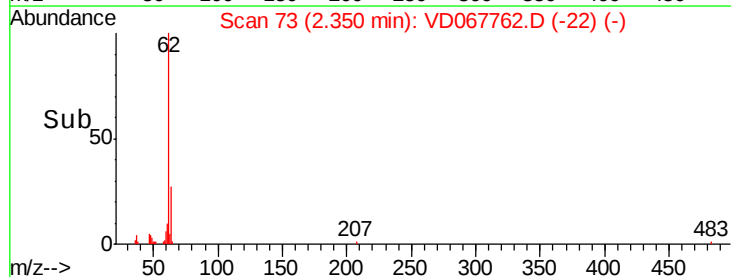
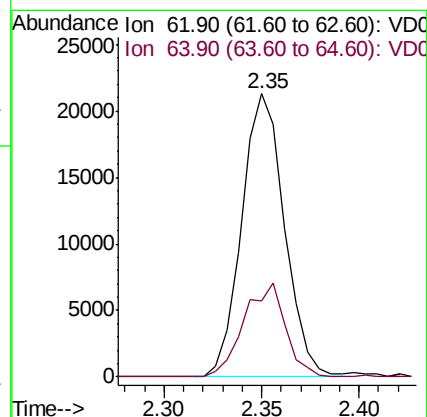
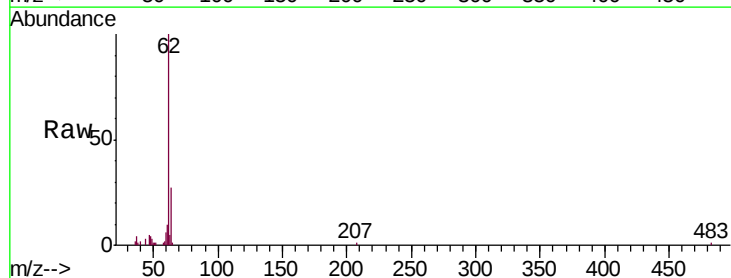
Acq: 24 Nov 2020 12:03

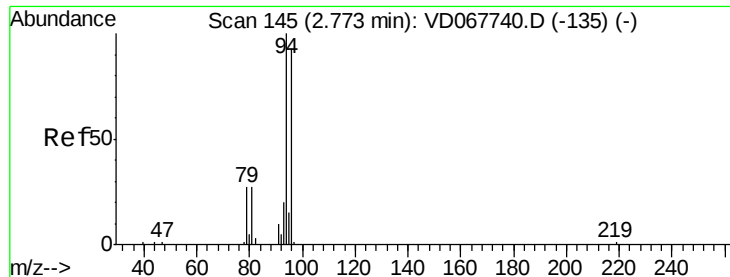
Tgt Ion: 62 Resp: 32306

Ion Ratio Lower Upper

62 100

64 26.9 26.6 40.0





#5

Bromomethane

Concen: 23.074 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

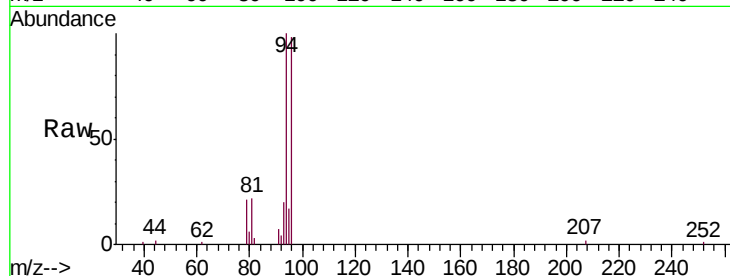
VD1124SBS01

Tgt Ion: 94 Resp: 31220

Ion Ratio Lower Upper

94 100

96 97.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

15000

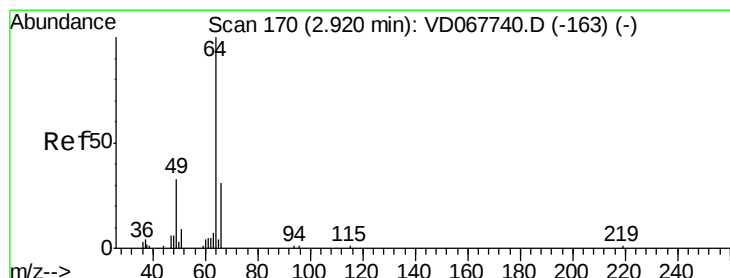
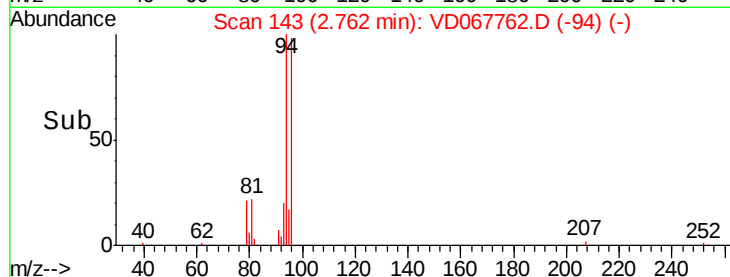
10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85

2.76



#6

Chloroethane

Concen: 21.034 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067762.D

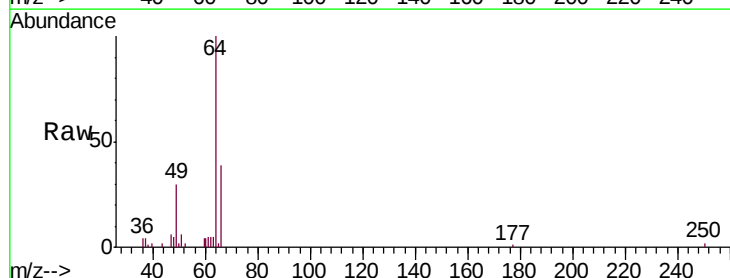
Acq: 24 Nov 2020 12:03

Tgt Ion: 64 Resp: 22262

Ion Ratio Lower Upper

64 100

66 38.9 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

12000

10000

8000

6000

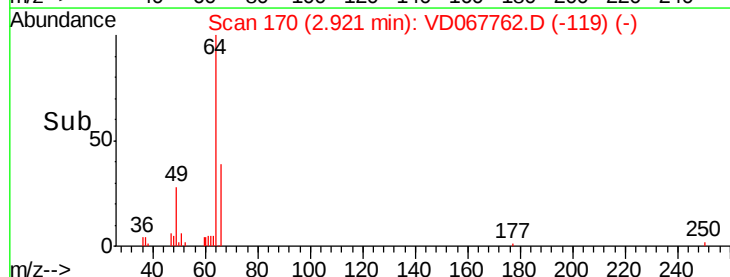
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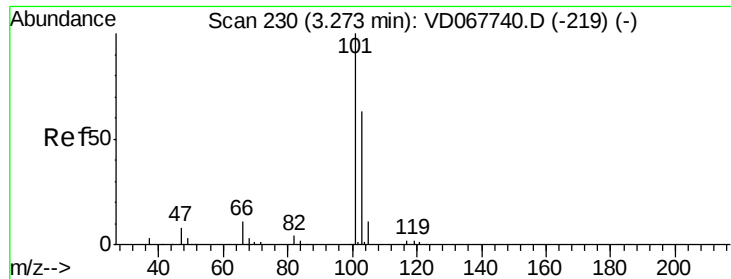
2000

0

Time--> 2.85 2.90 2.95 3.00

2.92



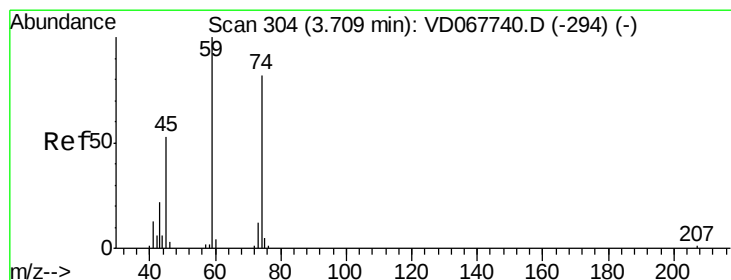
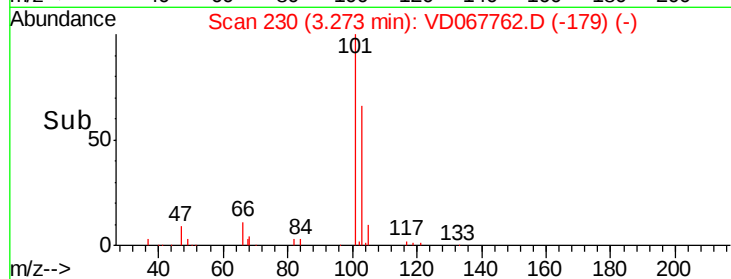
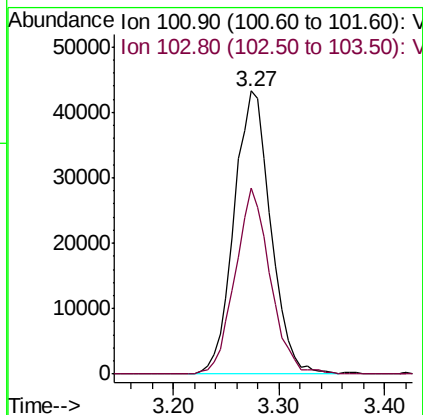
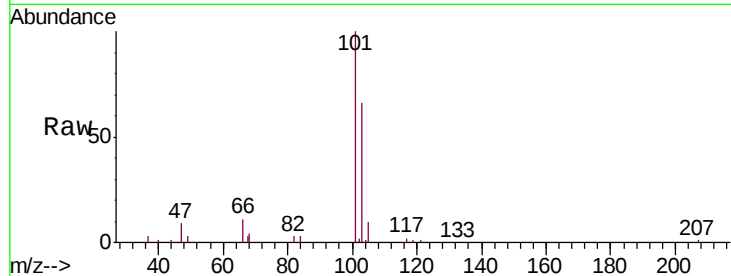


#7

Trichlorofluoromethane
 Concen: 21.438 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

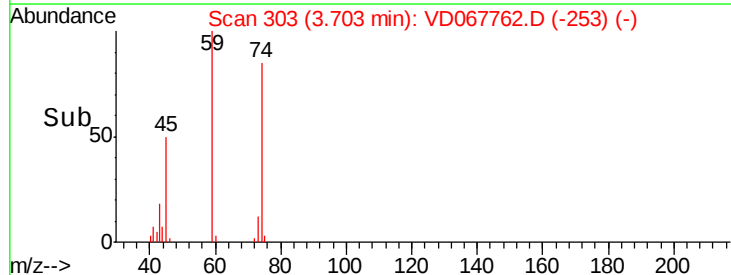
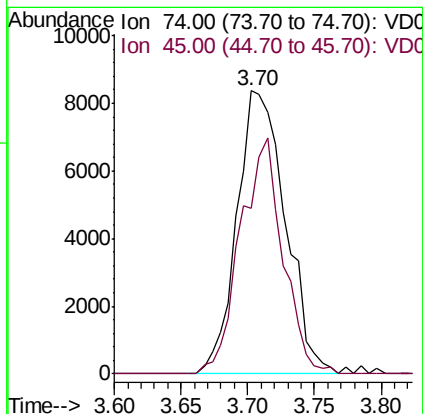
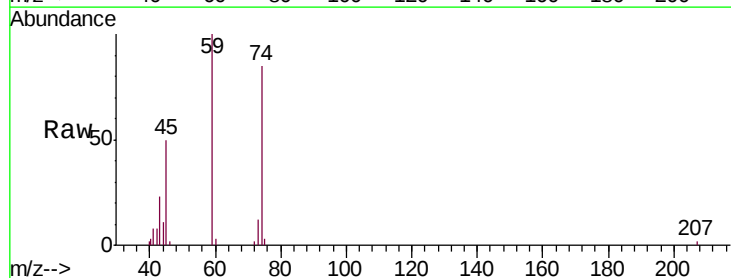
Tgt Ion:101 Resp: 103889
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.3 75.5

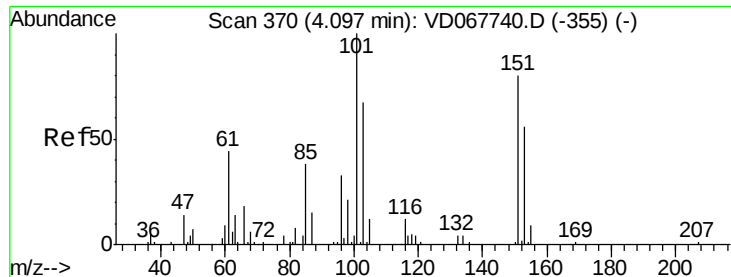


#8

Diethyl Ether
 Concen: 21.561 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 74 Resp: 21096
 Ion Ratio Lower Upper
 74 100
 45 72.9 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.381 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

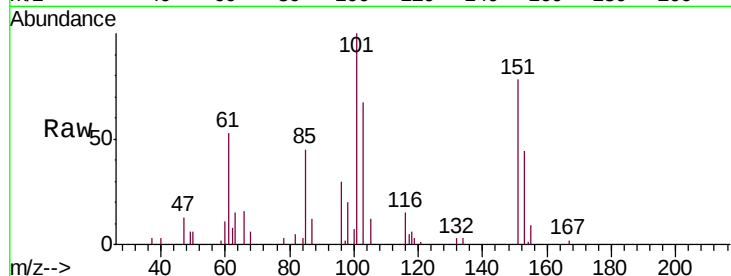
Tgt Ion:101 Resp: 49616

Ion Ratio Lower Upper

101 100

85 44.8 35.5 53.3

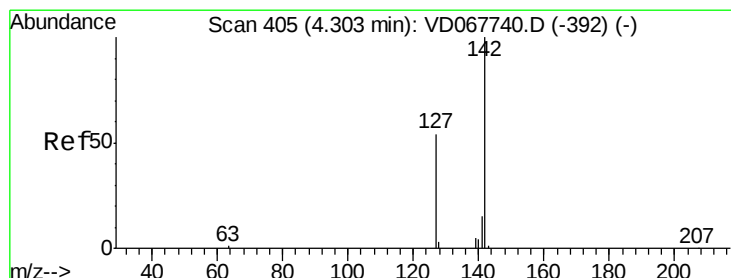
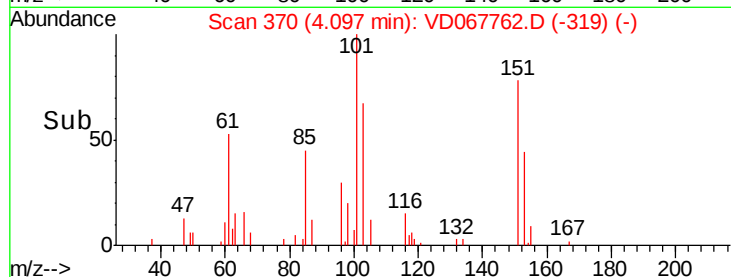
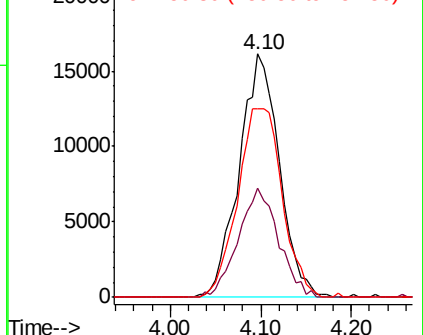
151 86.0 69.4 104.0



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: 20.976 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

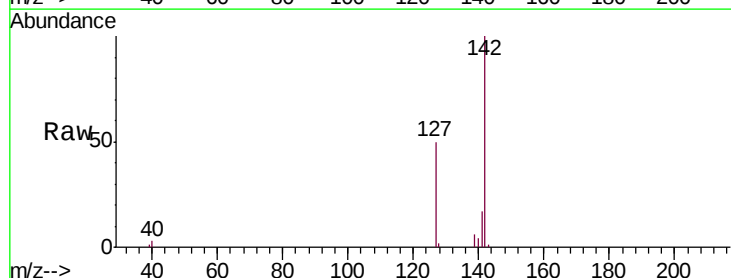
Tgt Ion:142 Resp: 49822

Ion Ratio Lower Upper

142 100

127 50.3 42.2 63.2

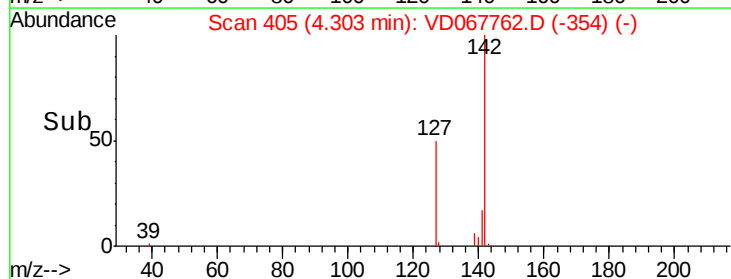
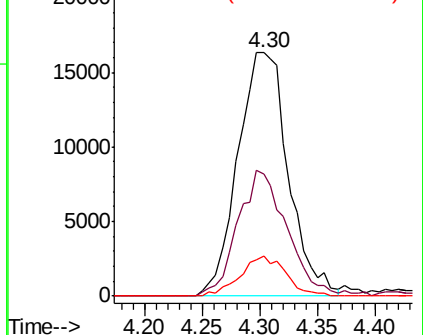
141 14.8 11.8 17.6

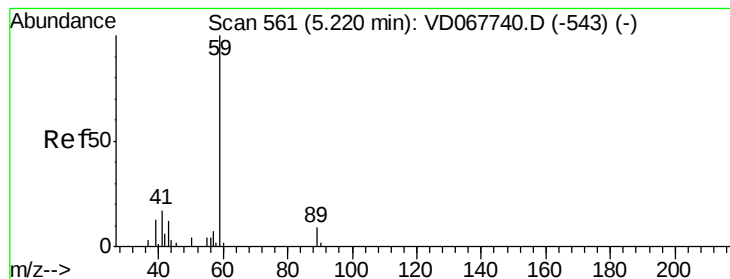


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



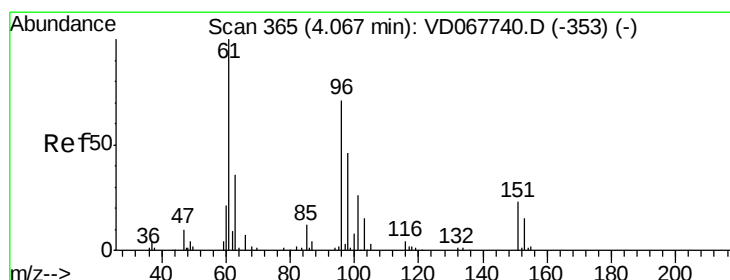
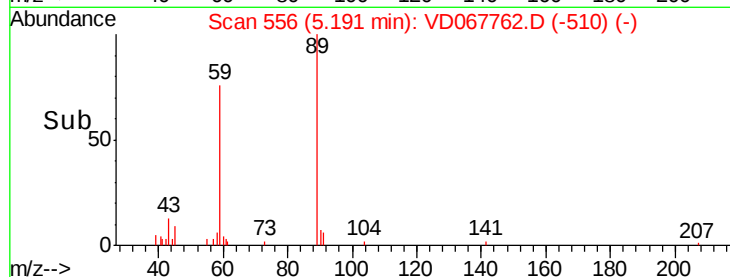
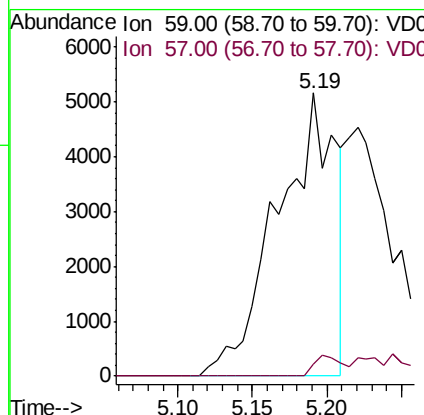
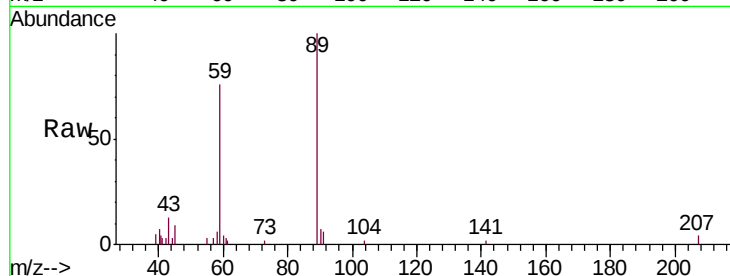


#11

Tert butyl alcohol
 Concen: 75.431 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

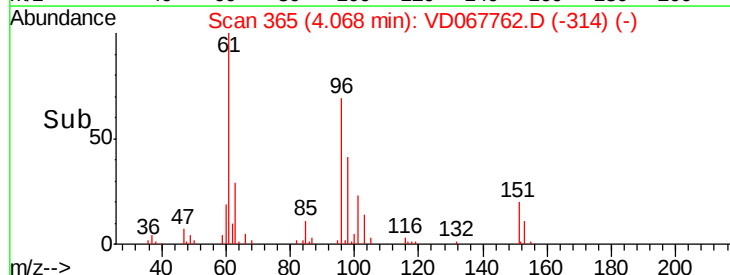
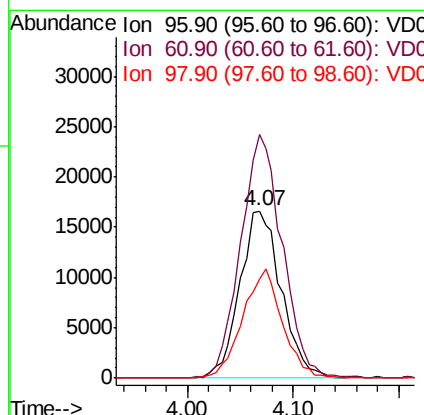
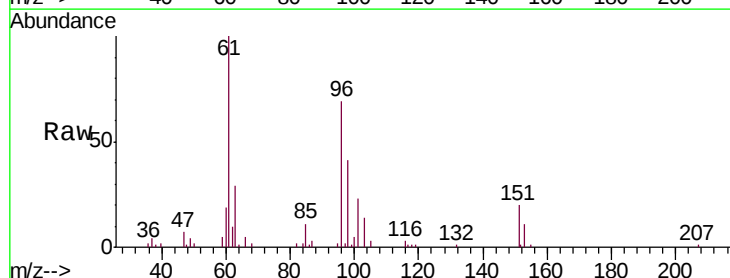
Tgt Ion: 59 Resp: 13987
 Ion Ratio Lower Upper
 59 100
 57 3.4 3.4 5.0

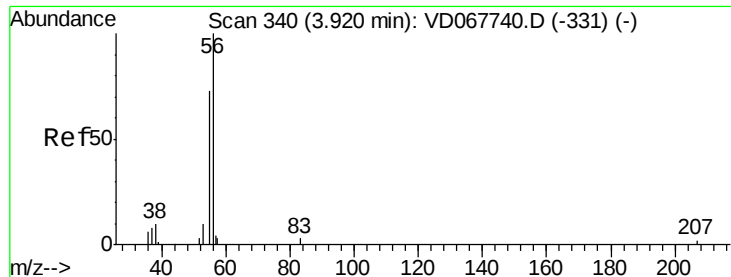


#12

1,1-Dichloroethene
 Concen: 21.013 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 96 Resp: 45120
 Ion Ratio Lower Upper
 96 100
 61 145.6 112.9 169.3
 98 59.4 52.4 78.6





#13

Acrolein

Concen: 103.420 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

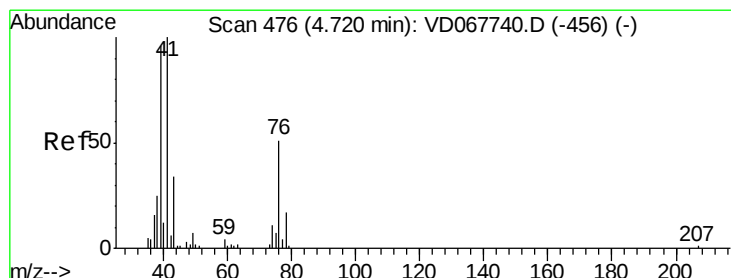
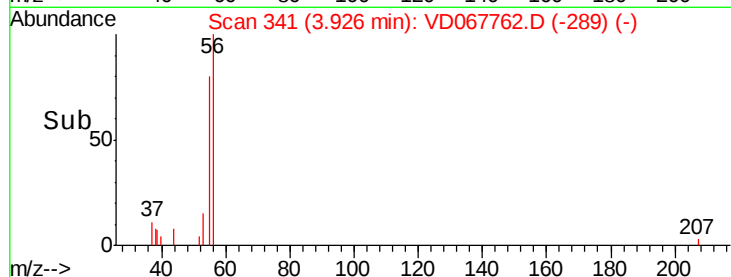
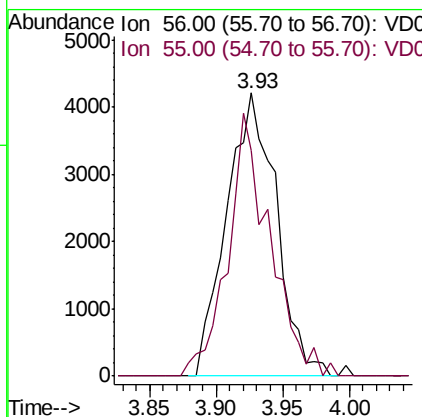
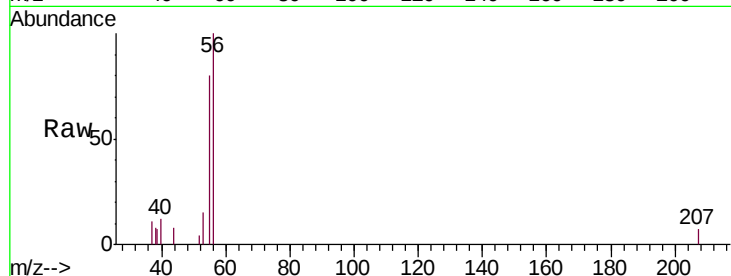
VD1124SBSD01

Tgt Ion: 56 Resp: 10903

Ion Ratio Lower Upper

56 100

55 78.7 61.2 91.8



#14

Allyl chloride

Concen: 21.652 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

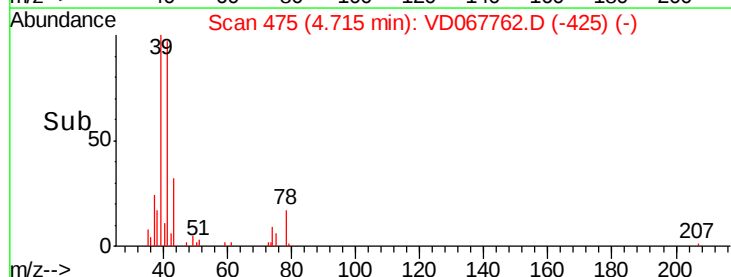
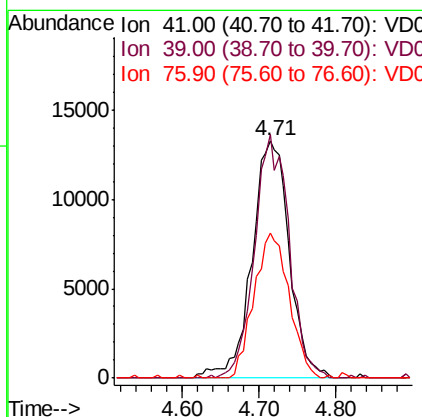
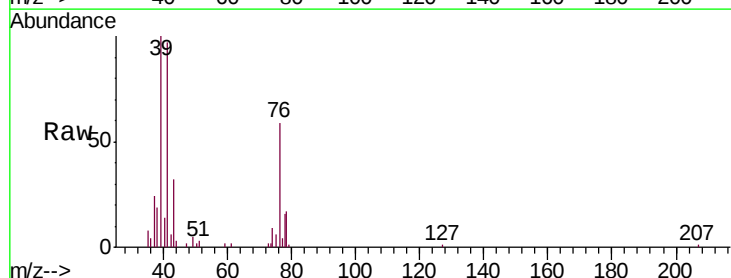
Tgt Ion: 41 Resp: 44943

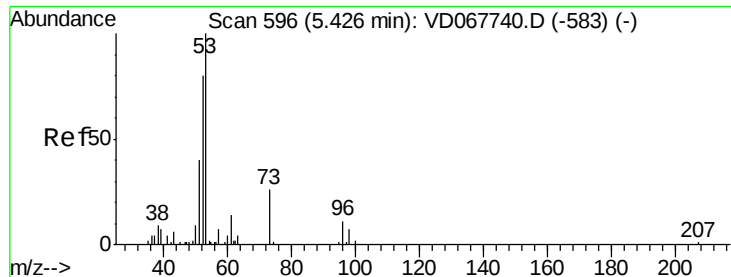
Ion Ratio Lower Upper

41 100

39 94.8 74.6 111.8

76 57.5 43.3 64.9





#15

Acrylonitrile

Concen: 106.842 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

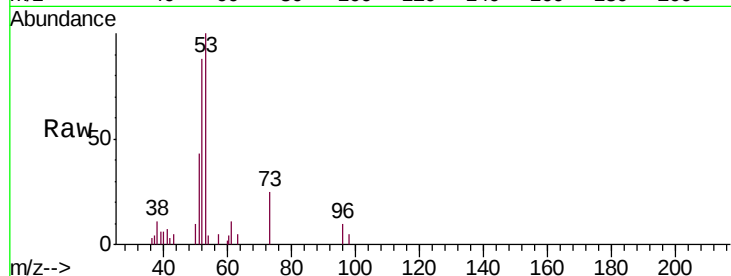
Tgt Ion: 53 Resp: 36409

Ion Ratio Lower Upper

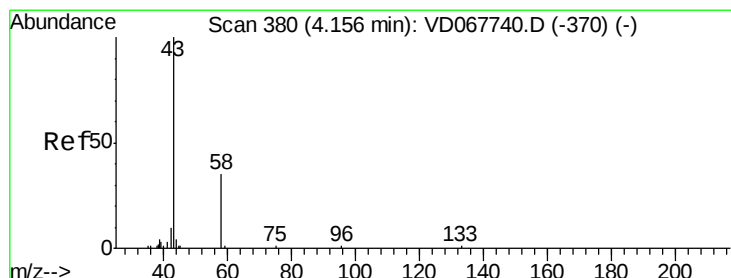
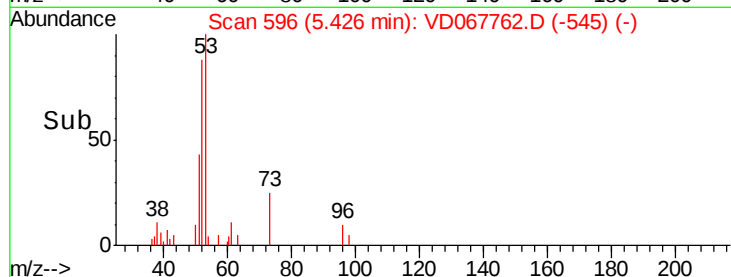
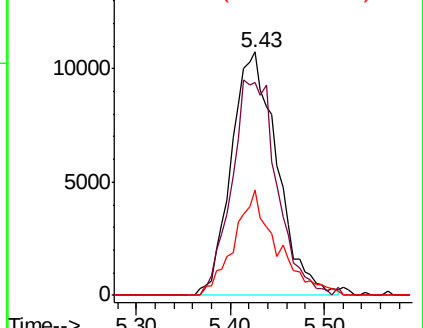
53 100

52 87.1 63.4 95.2

51 40.5 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: 100.992 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067762.D

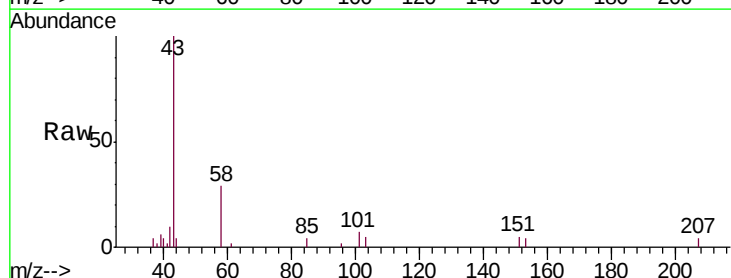
Acq: 24 Nov 2020 12:03

Tgt Ion: 43 Resp: 33184

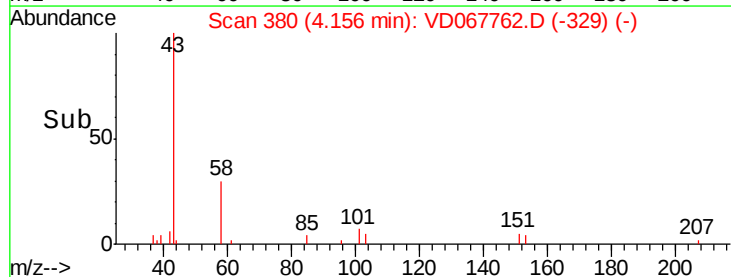
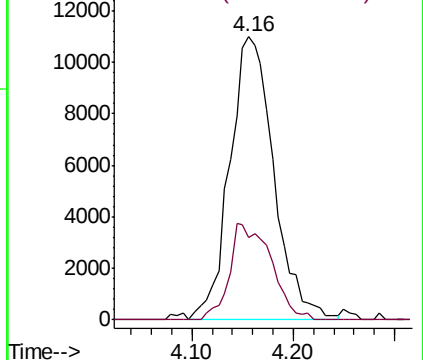
Ion Ratio Lower Upper

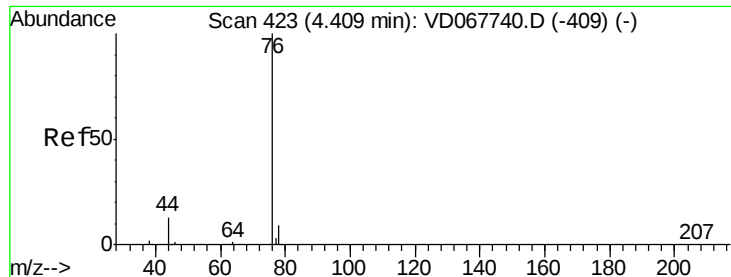
43 100

58 29.1 27.6 41.4



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

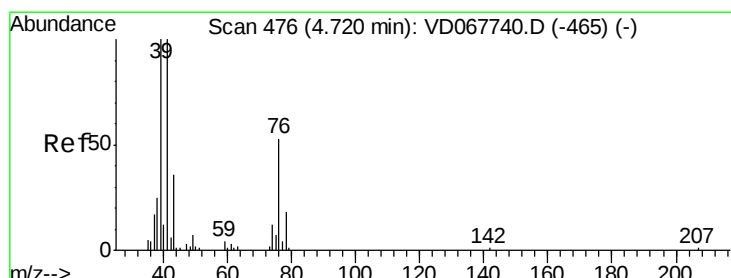
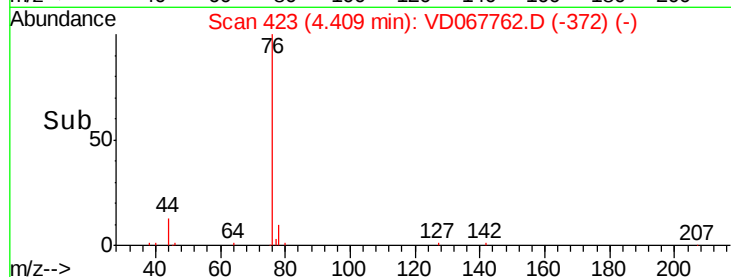
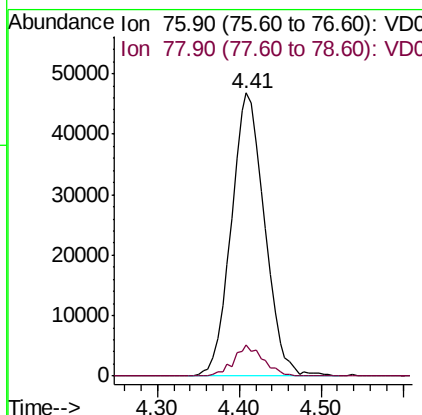
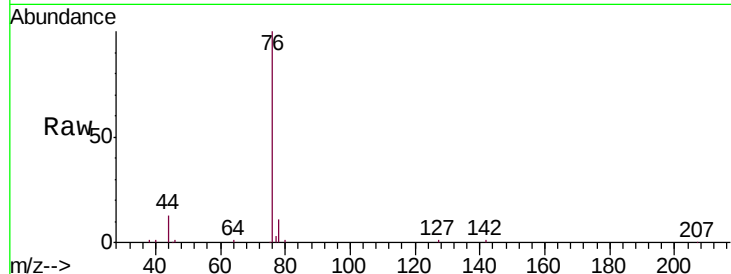




#17
Carbon Disulfide
Concen: 21.340 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

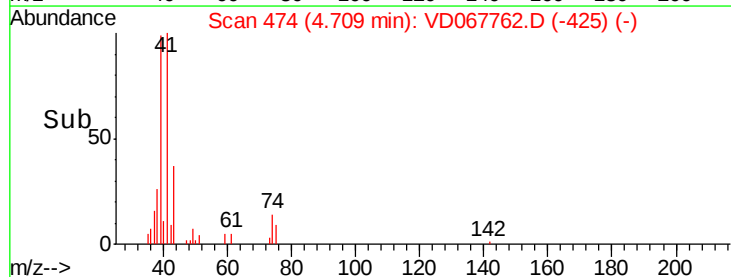
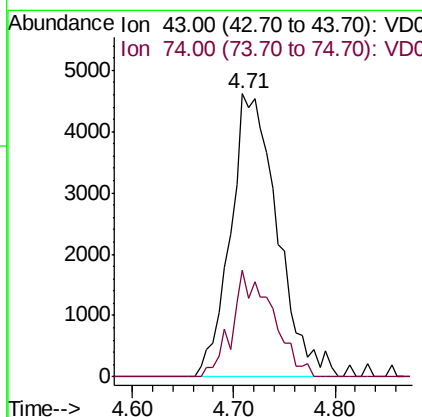
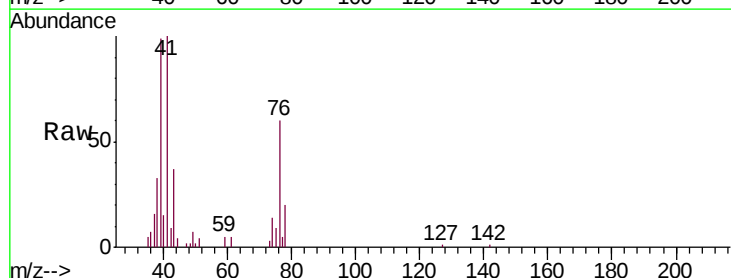
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

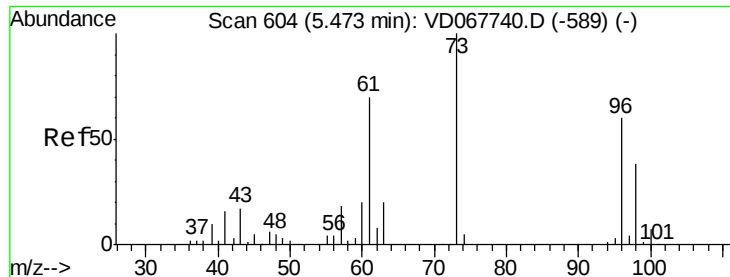
Tgt Ion: 76 Resp: 132533
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#18
Methyl Acetate
Concen: 22.422 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 43 Resp: 14822
Ion Ratio Lower Upper
43 100
74 33.1 29.7 44.5



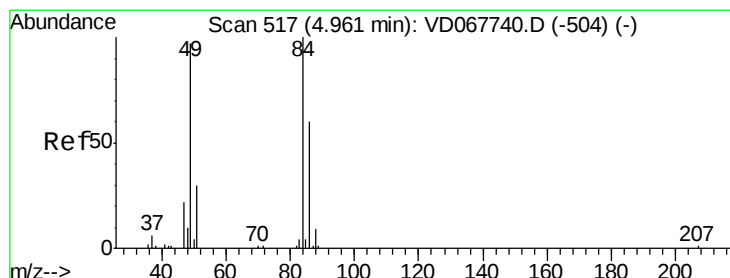
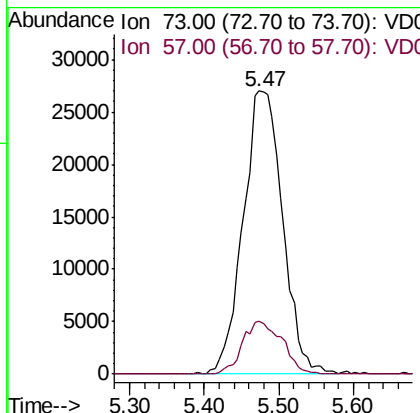
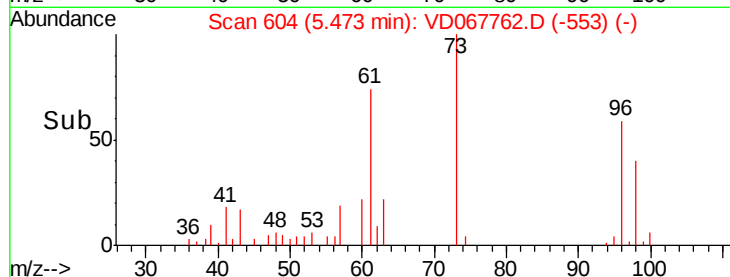
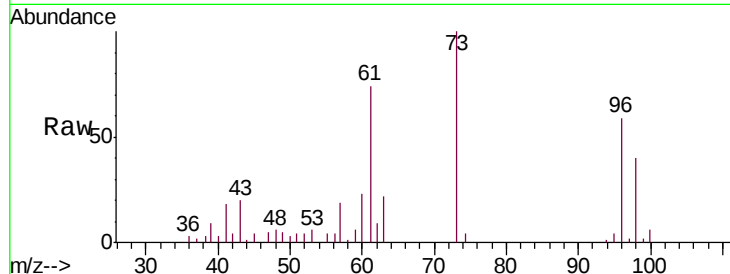


#19

Methyl tert-butyl Ether
 Concen: 21.573 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

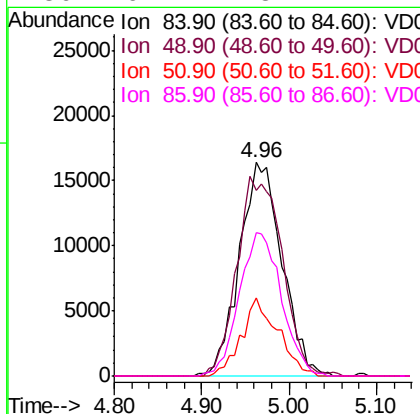
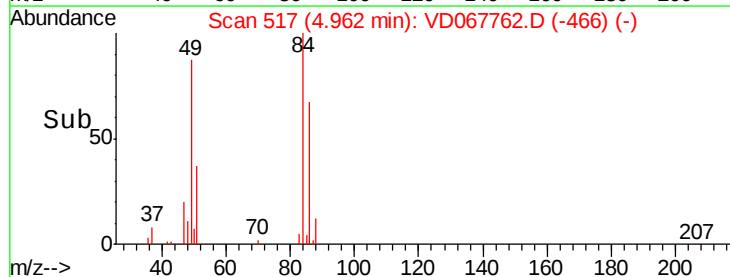
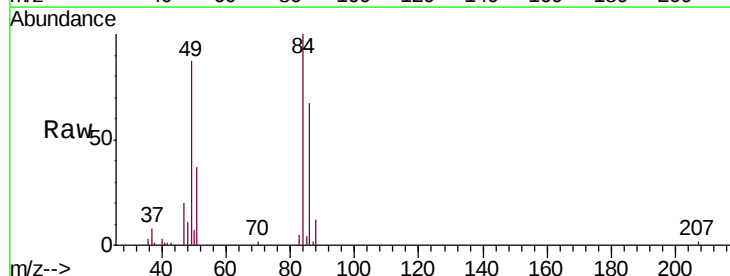
Tgt Ion: 73 Resp: 99000
 Ion Ratio Lower Upper
 73 100
 57 18.6 14.8 22.2

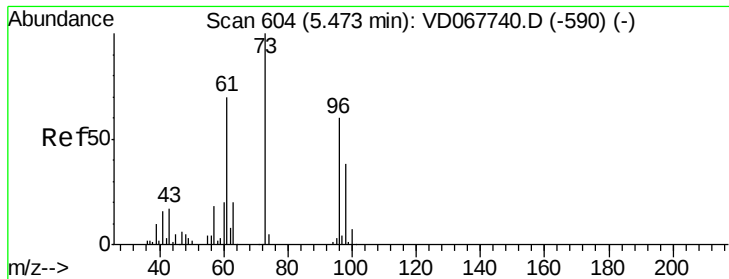


#20

Methylene Chloride
 Concen: 17.077 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 84 Resp: 54323
 Ion Ratio Lower Upper
 84 100
 49 86.8 77.4 116.2
 51 36.8 24.1 36.1#
 86 67.4 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 21.626 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

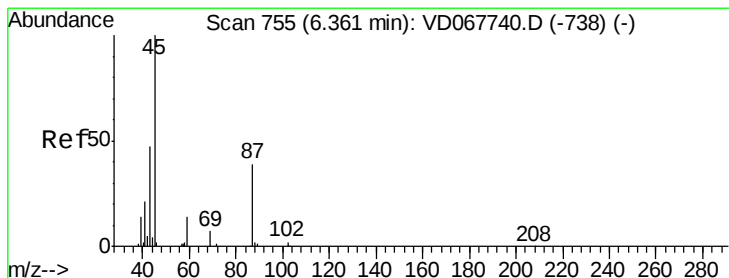
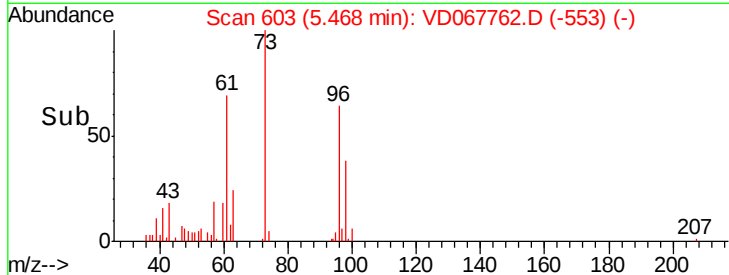
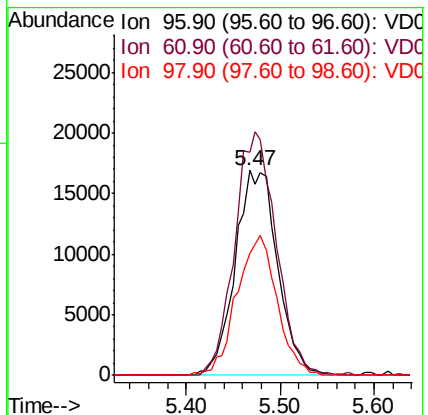
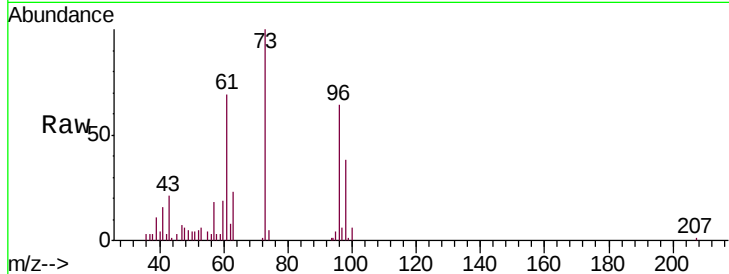
Tgt Ion: 96 Resp: 52793

Ion Ratio Lower Upper

96 100

61 108.8 94.0 141.0

98 59.6 51.3 76.9



#22

Diisopropyl ether

Concen: 22.580 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion: 45 Resp: 92517

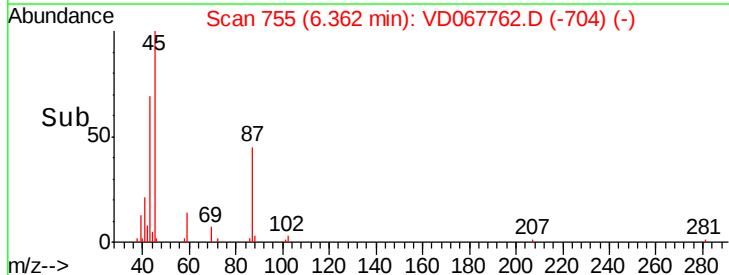
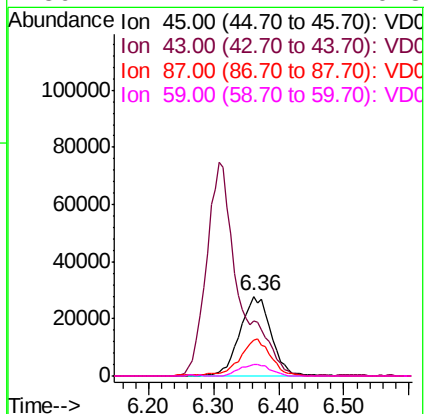
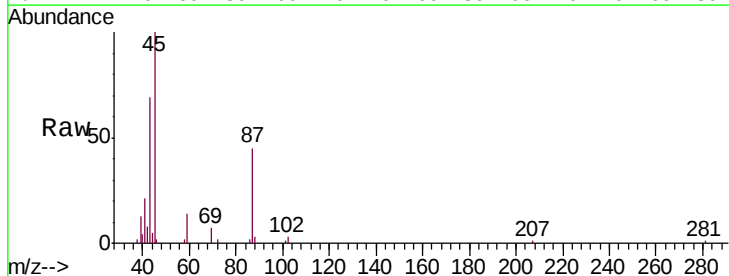
Ion Ratio Lower Upper

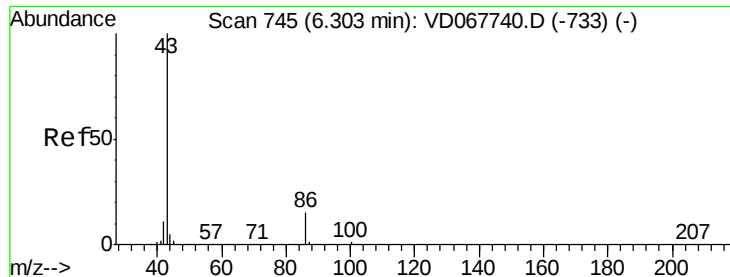
45 100

43 67.2 46.8 70.2

87 44.9 32.9 49.3

59 14.2 11.2 16.8





#23

Vinyl Acetate

Concen: 111.757 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

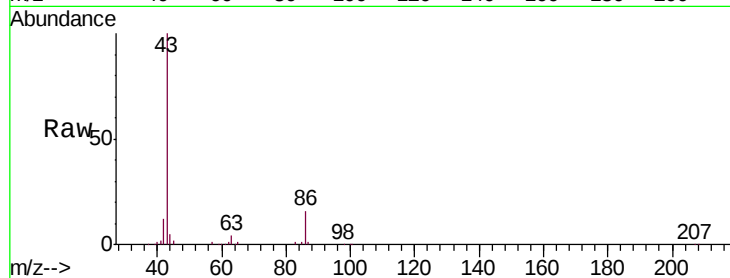
VD1124SBSD01

Tgt Ion: 43 Resp: 258295

Ion Ratio Lower Upper

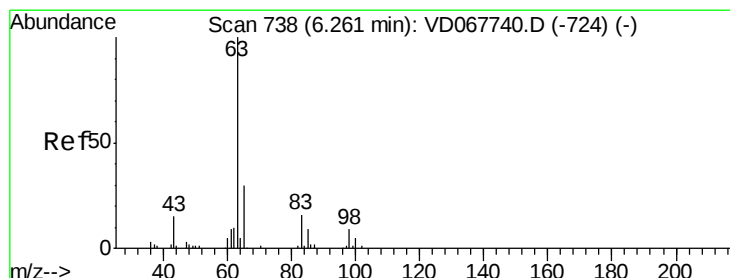
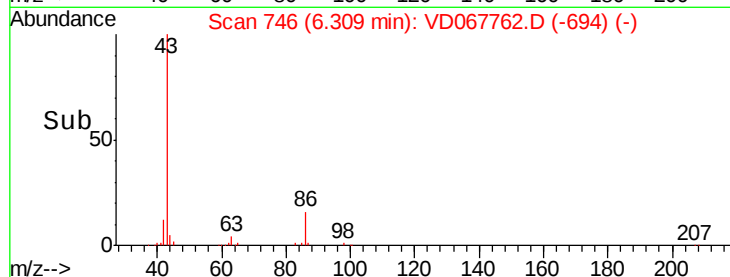
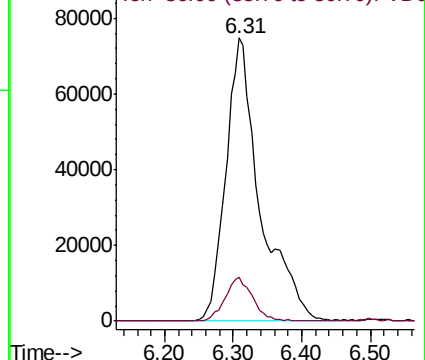
43 100

86 15.8 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: 22.361 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

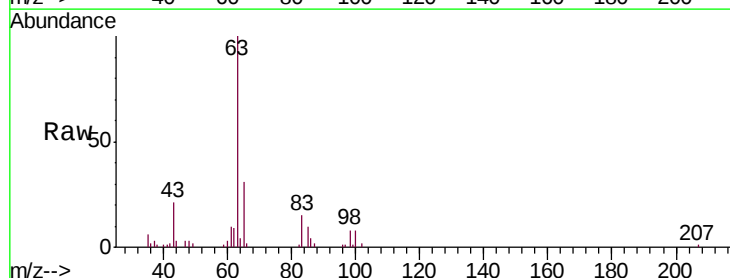
Tgt Ion: 63 Resp: 77677

Ion Ratio Lower Upper

63 100

98 8.1 4.4 13.2

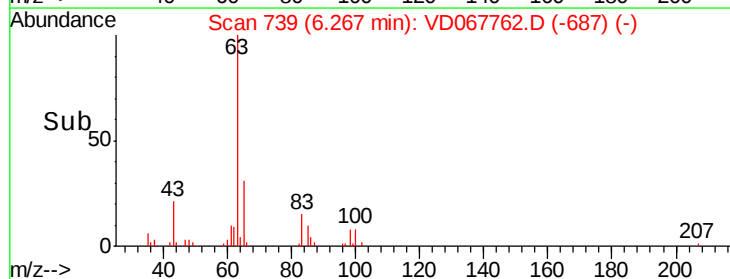
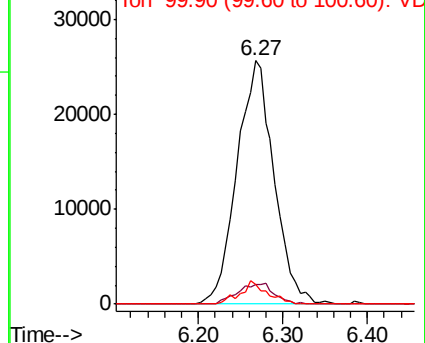
100 7.9 2.6 8.0

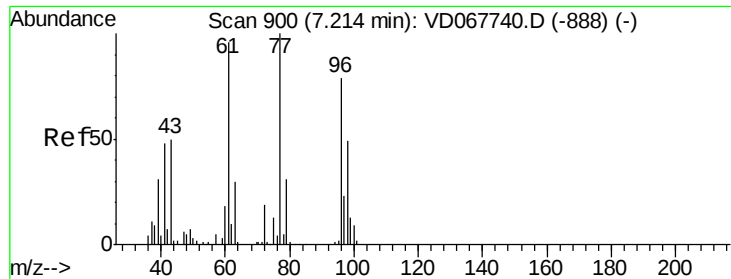


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 105.647 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

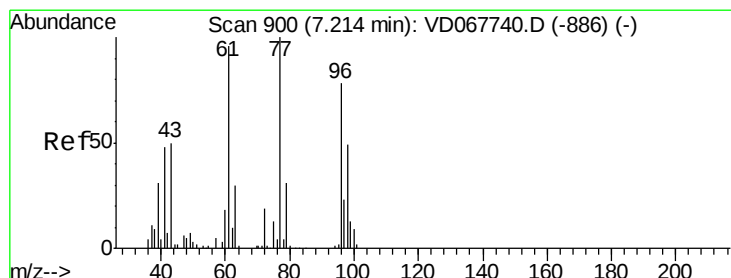
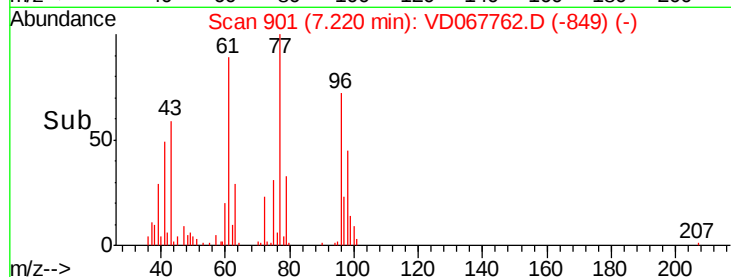
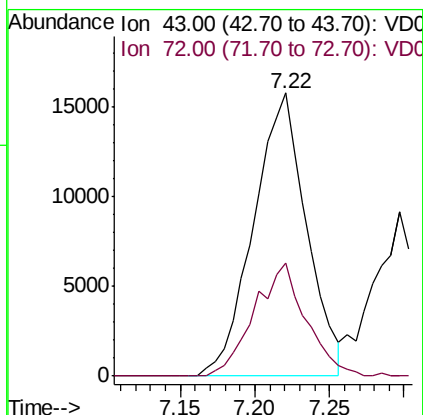
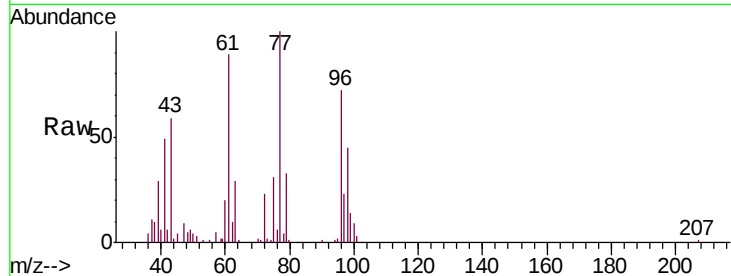
VD1124SBS01

Tgt Ion: 43 Resp: 38954

Ion Ratio Lower Upper

43 100

72 39.9 30.8 46.2



#26

2,2-Dichloropropane

Concen: 21.679 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067762.D

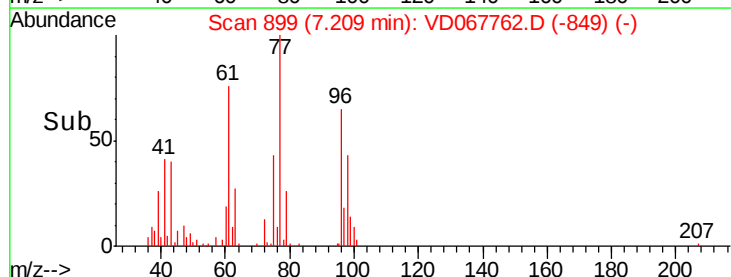
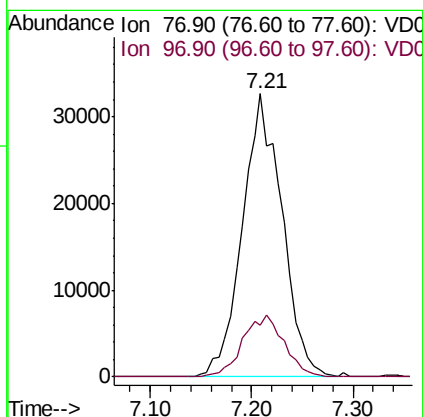
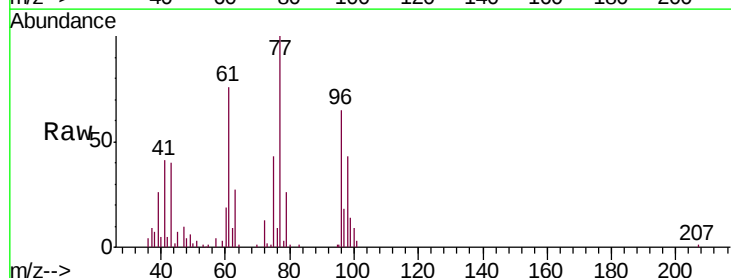
Acq: 24 Nov 2020 12:03

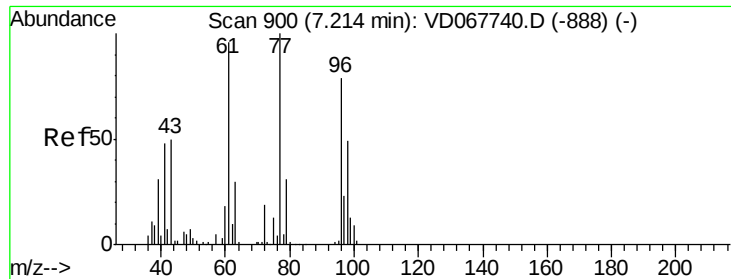
Tgt Ion: 77 Resp: 88842

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



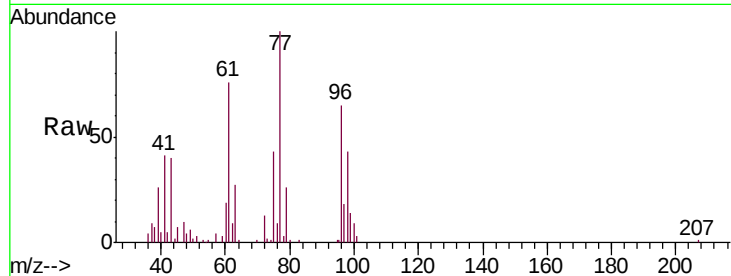


#27

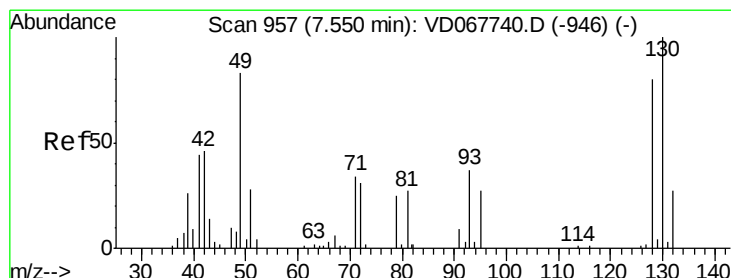
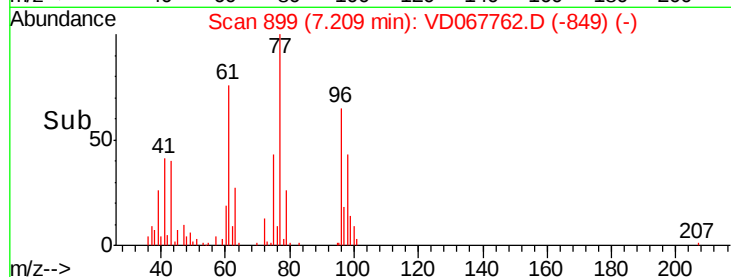
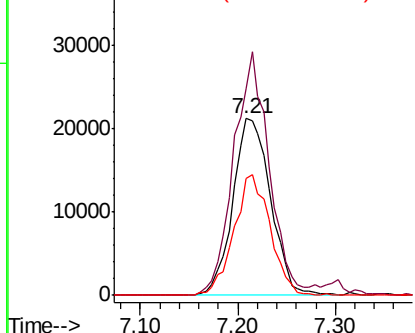
cis-1,2-Dichloroethene
 Concen: 22.067 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tgt Ion: 96 Resp: 57421
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 258.0
 98 65.0 0.0 131.8



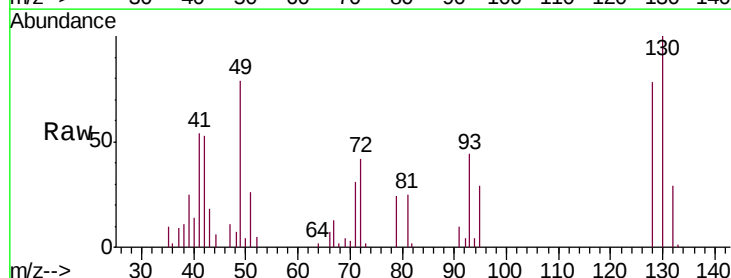
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



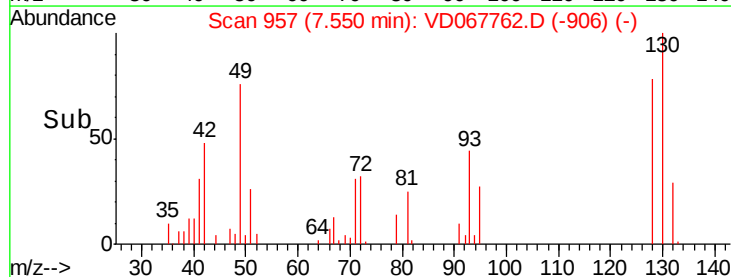
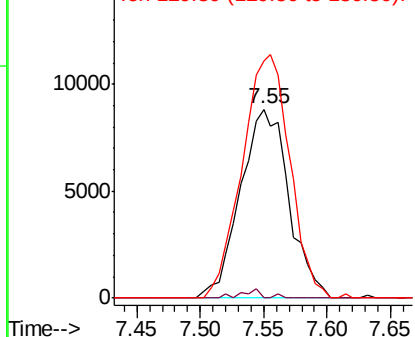
#28

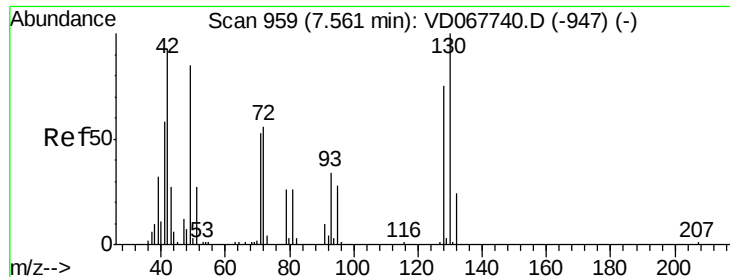
Bromochloromethane
 Concen: 21.065 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 49 Resp: 23439
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 7.0
 130 126.8 102.2 153.4



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





#29

Tetrahydrofuran

Concen: 110.948 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

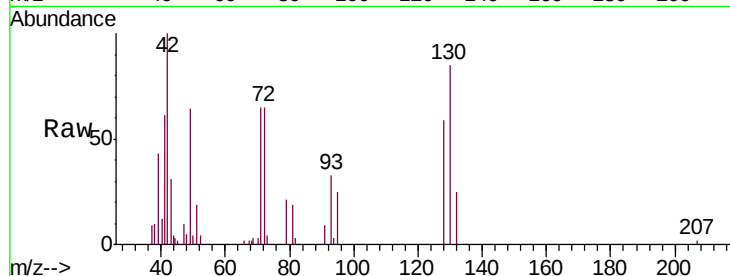
Tgt Ion: 42 Resp: 23259

Ion Ratio Lower Upper

42 100

72 68.0 49.3 73.9

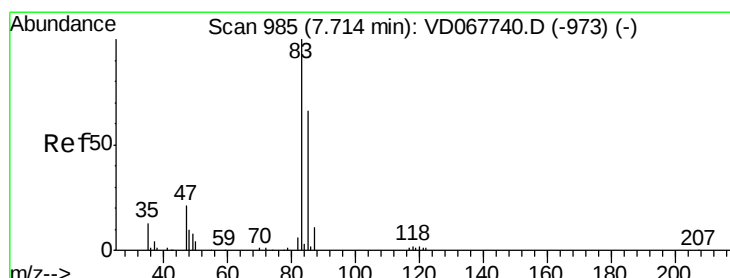
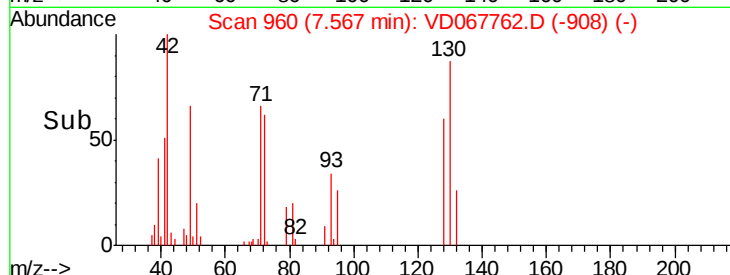
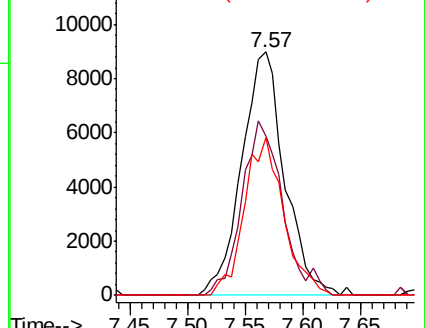
71 59.4 45.9 68.9



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: 21.668 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067762.D

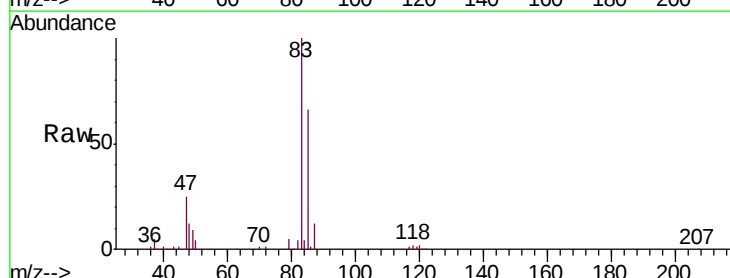
Acq: 24 Nov 2020 12:03

Tgt Ion: 83 Resp: 98427

Ion Ratio Lower Upper

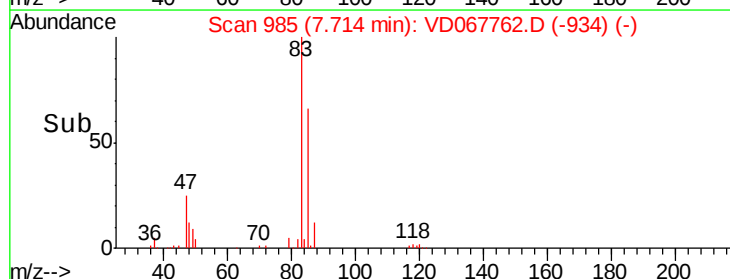
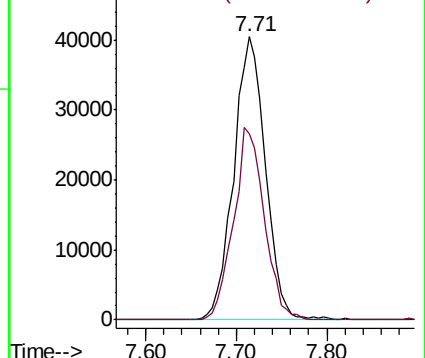
83 100

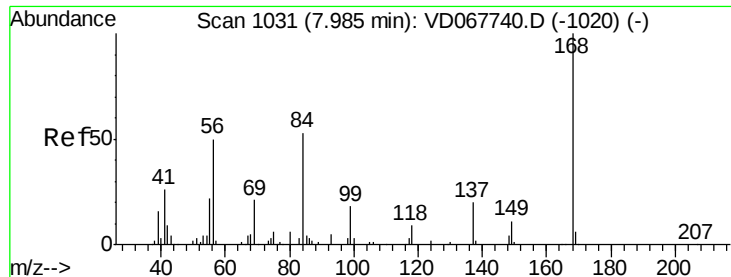
85 65.6 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

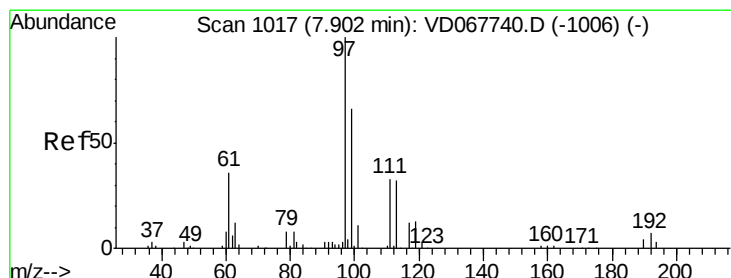
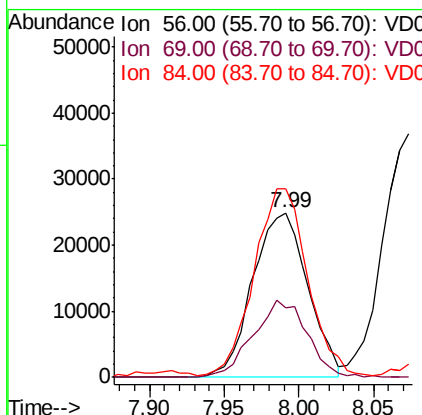
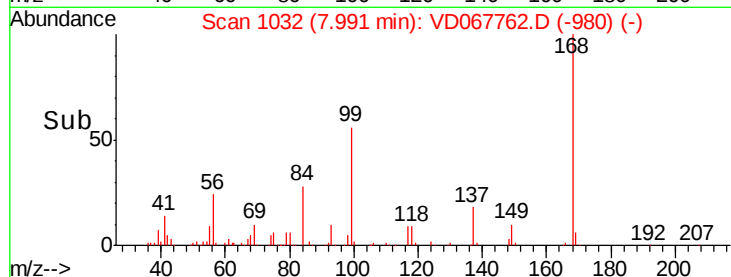
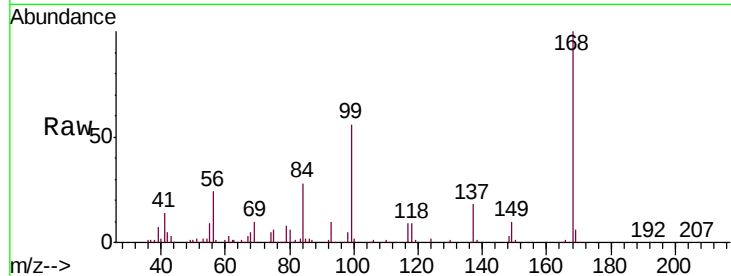




#31
Cyclohexane
Concen: 20.784 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

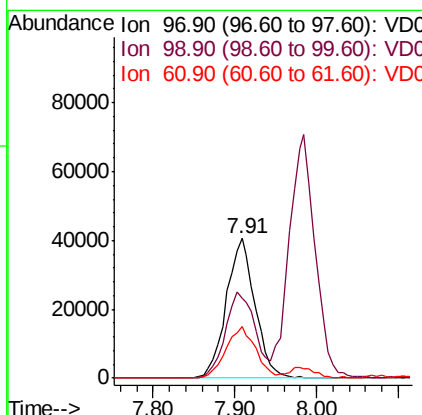
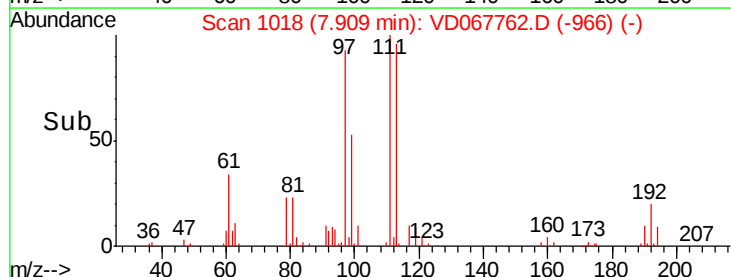
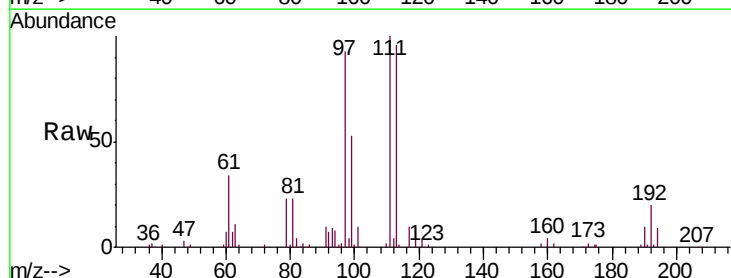
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

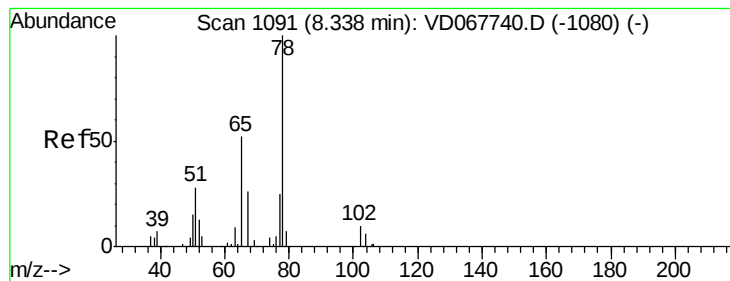
Tgt Ion: 56 Resp: 63964
Ion Ratio Lower Upper
56 100
69 42.1 33.2 49.8
84 112.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.592 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 97 Resp: 99062
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 37.9 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 54.050 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

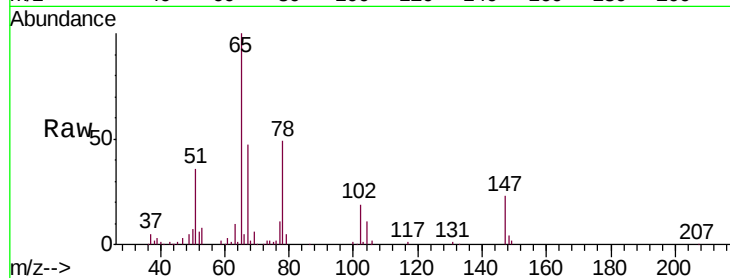
VD1124SBS01

Tgt Ion: 65 Resp: 137473

Ion Ratio Lower Upper

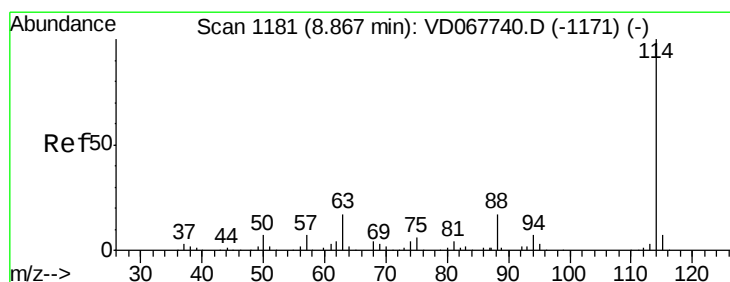
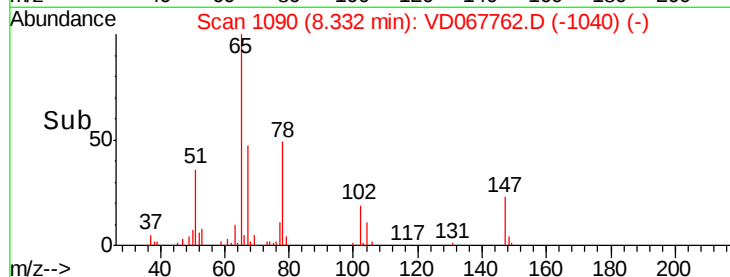
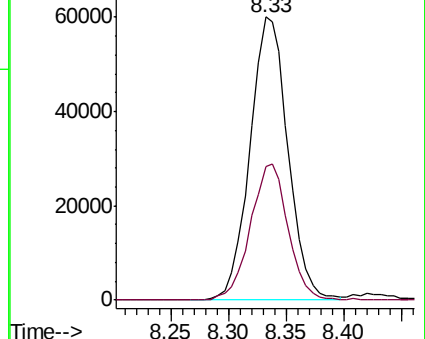
65 100

67 47.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

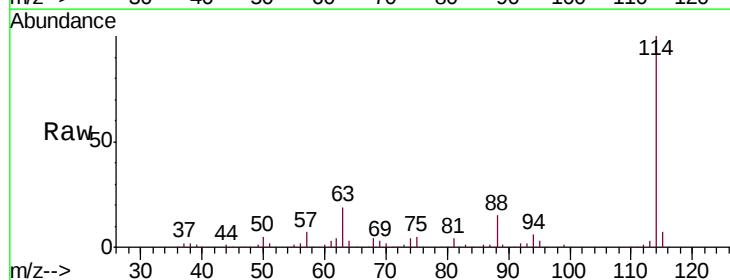
Tgt Ion: 114 Resp: 388106

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

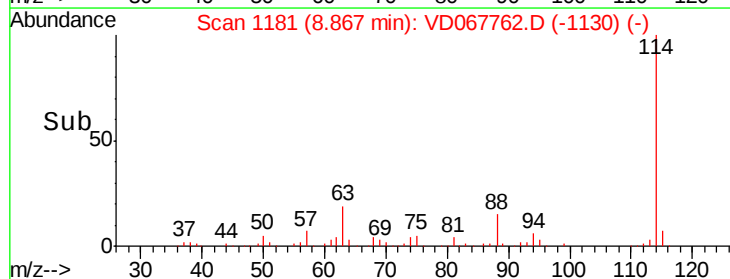
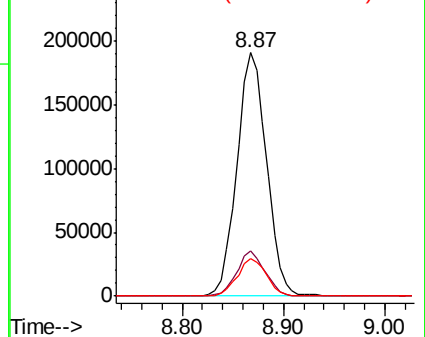
88 15.4 0.0 34.4

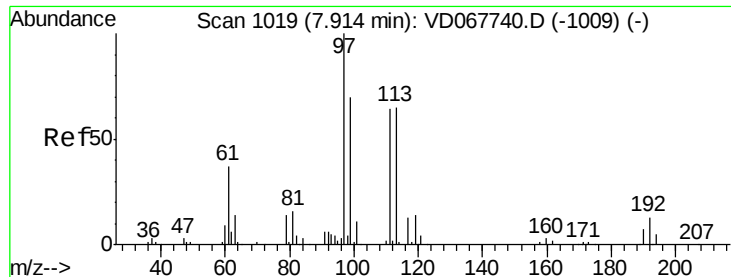


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

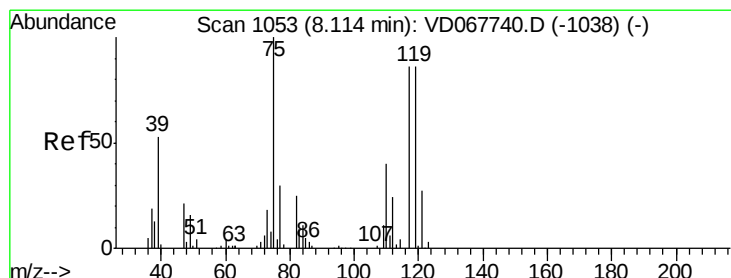
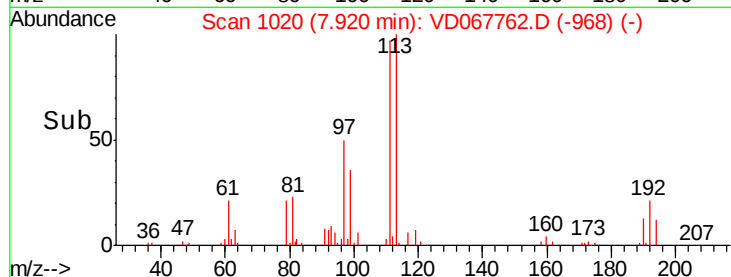
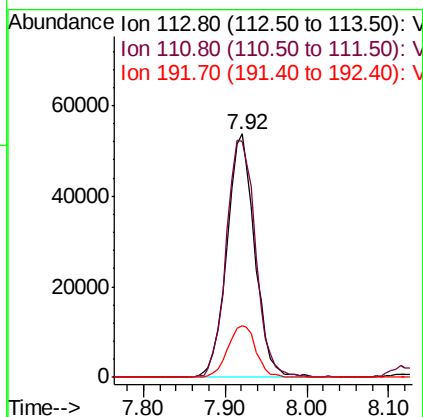
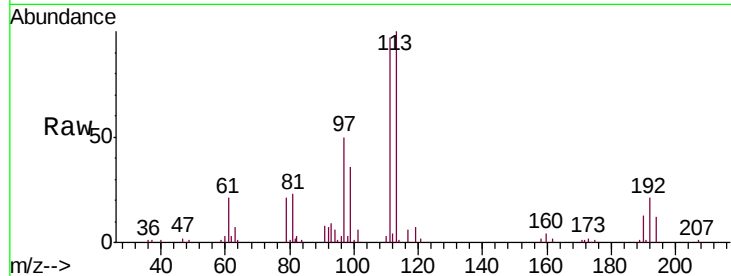




#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

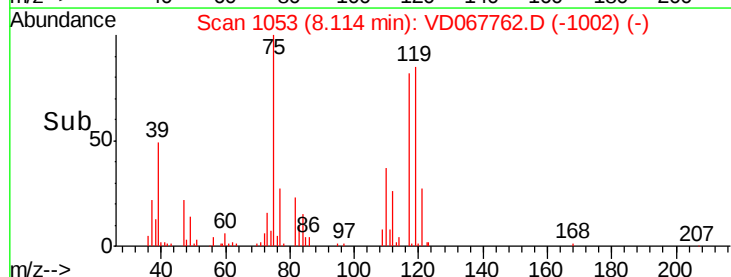
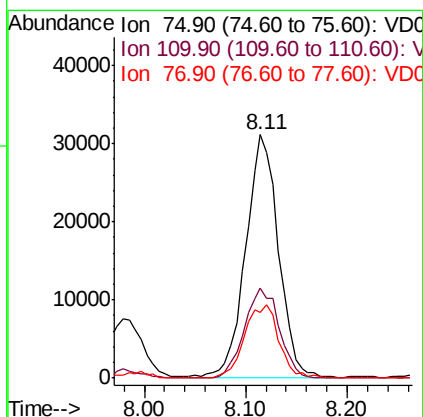
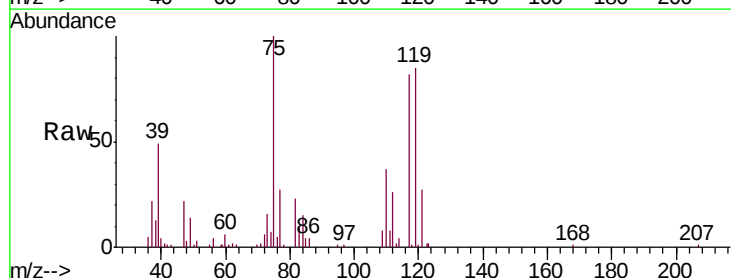
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

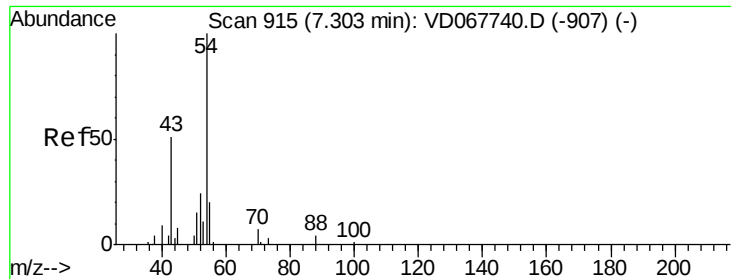
Tgt Ion: 113 Resp: 127468
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.5 17.0 25.4



#36
1,1-Dichloropropene
Concen: 21.174 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 75 Resp: 70518
Ion Ratio Lower Upper
75 100
110 39.0 20.1 60.2
77 31.3 24.8 37.2

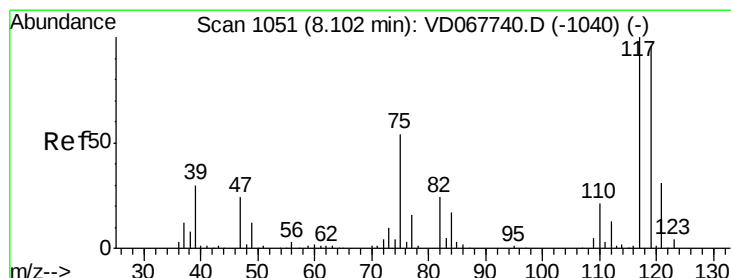
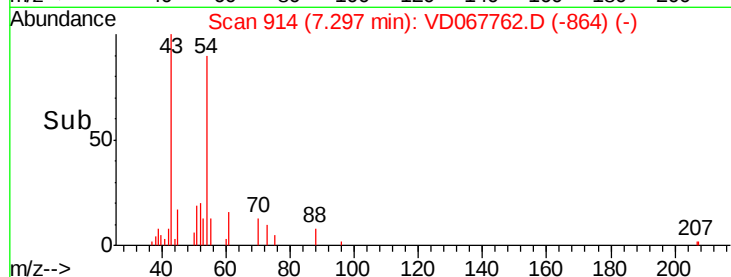
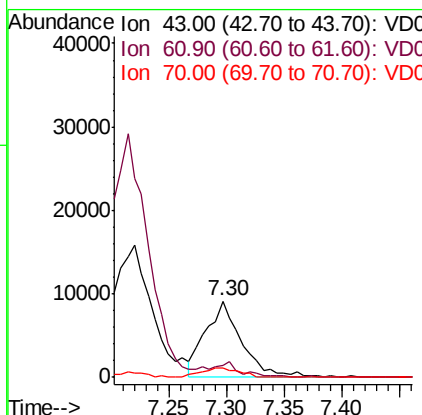
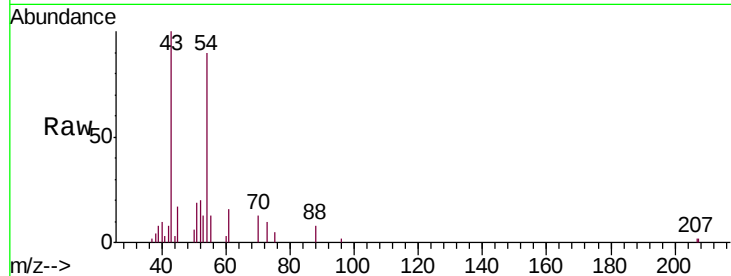




#37
Ethyl Acetate
Concen: 22.447 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

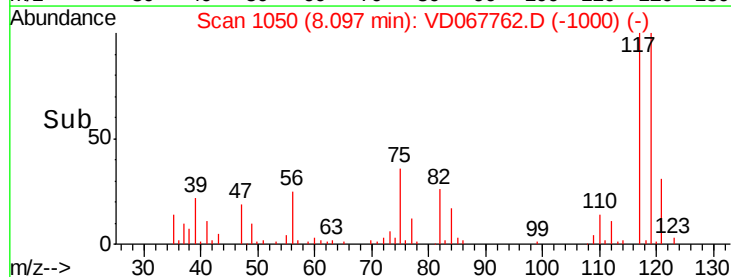
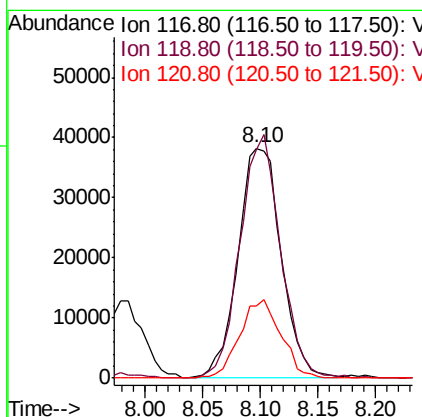
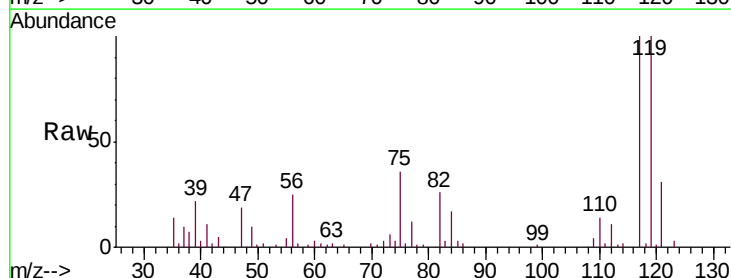
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

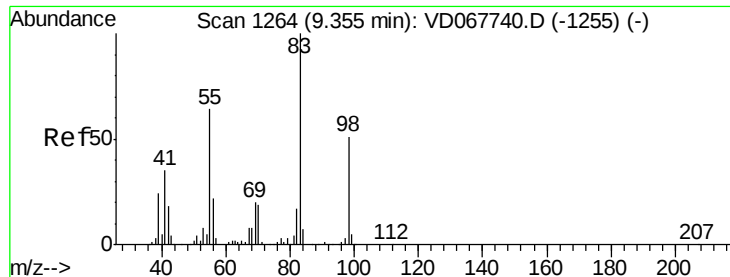
Tgt Ion: 43 Resp: 20102
Ion Ratio Lower Upper
43 100
61 13.7 12.9 19.3
70 12.5 12.2 18.2



#38
Carbon Tetrachloride
Concen: 20.401 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 117 Resp: 98487
Ion Ratio Lower Upper
117 100
119 100.2 76.6 115.0
121 31.6 24.5 36.7

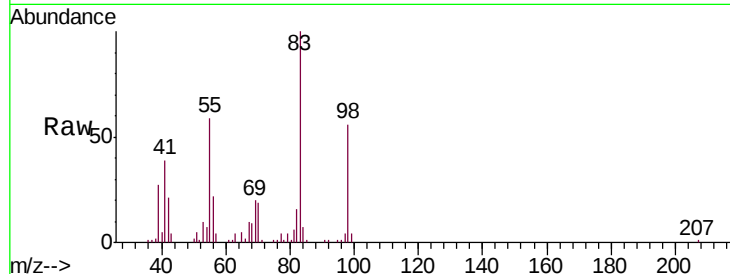




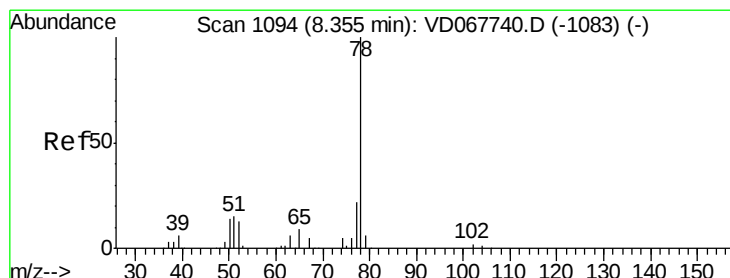
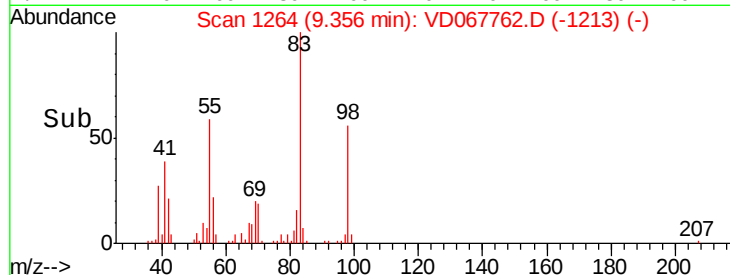
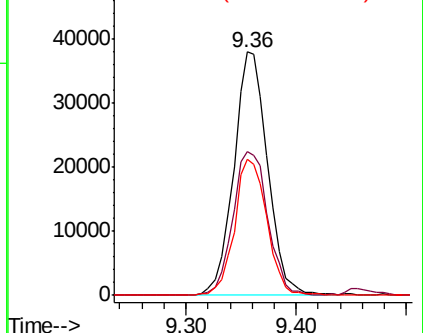
#39
Methylcyclohexane
Concen: 20.647 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tgt Ion: 83 Resp: 81374
Ion Ratio Lower Upper
83 100
55 59.0 51.0 76.4
98 55.9 40.4 60.6

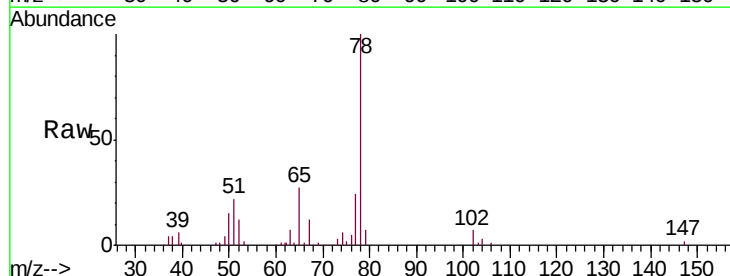


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

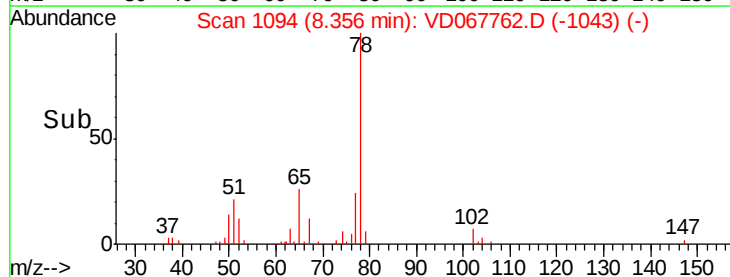
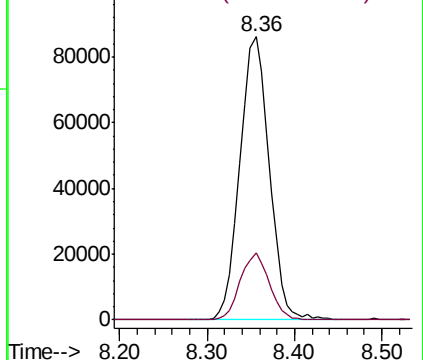


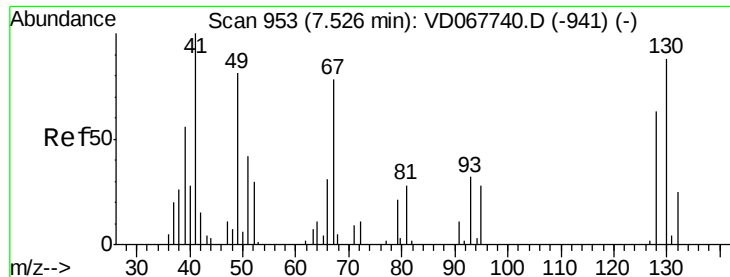
#40
Benzene
Concen: 21.396 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 78 Resp: 195703
Ion Ratio Lower Upper
78 100
77 23.8 17.8 26.6



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

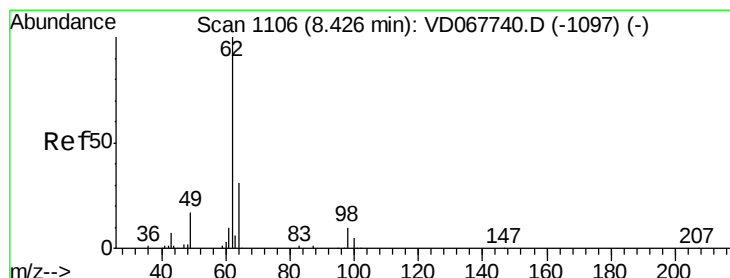
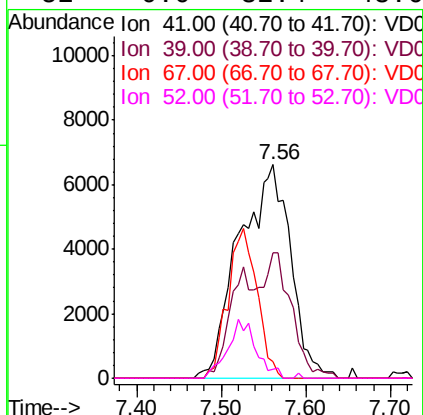
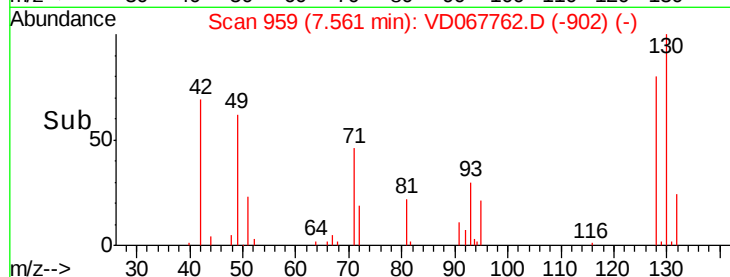
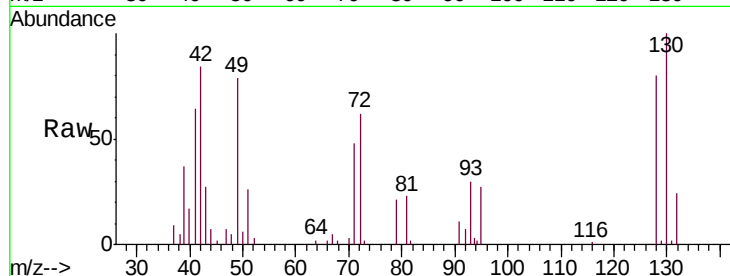




#41
Methacrylonitrile
Concen: 60.853 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

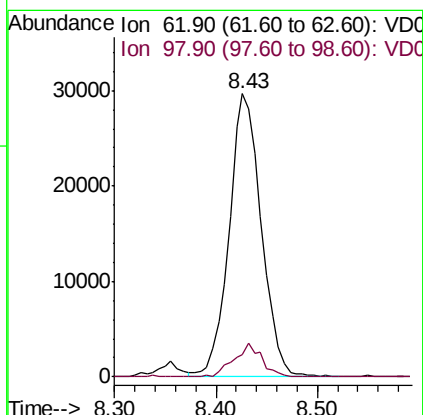
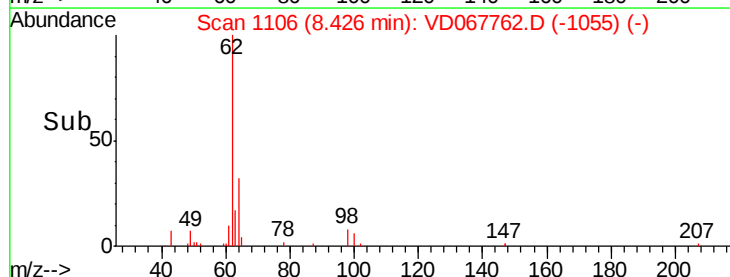
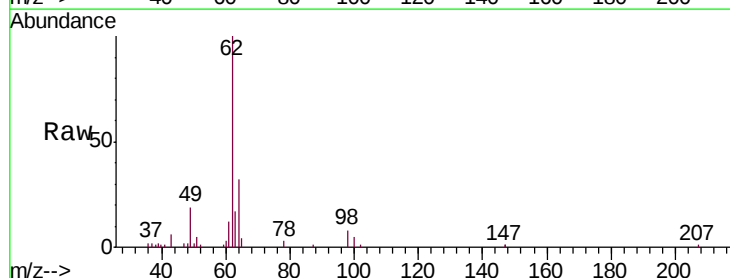
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

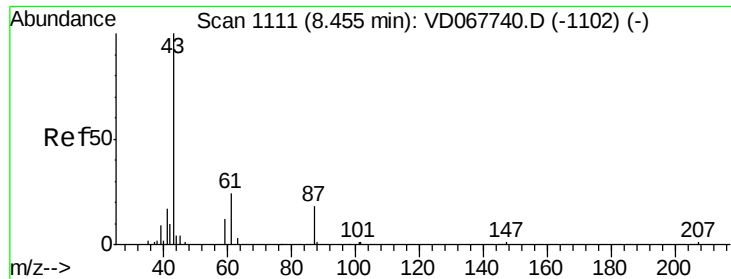
Tgt Ion: 41 Resp: 27827
Ion Ratio Lower Upper
41 100
39 27.8 50.2 75.4#
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#



#42
1,2-Dichloroethane
Concen: 20.996 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 62 Resp: 65161
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 20.362 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

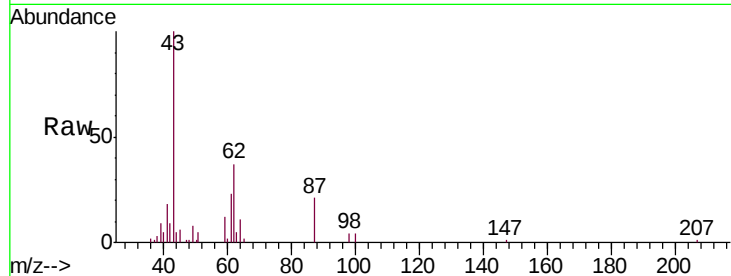
Tgt Ion: 43 Resp: 36415

Ion Ratio Lower Upper

43 100

61 39.5 30.2 45.4

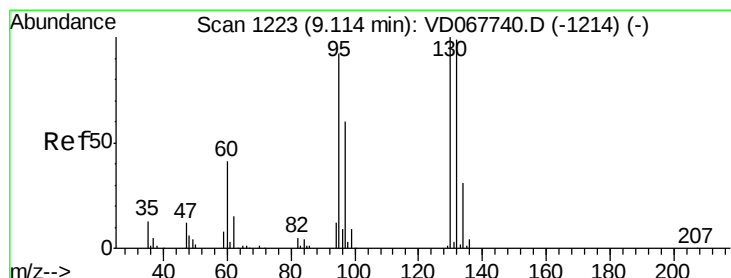
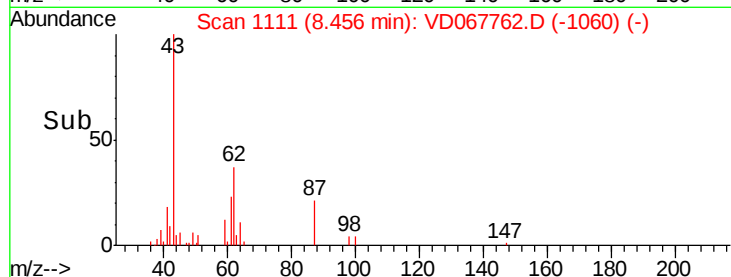
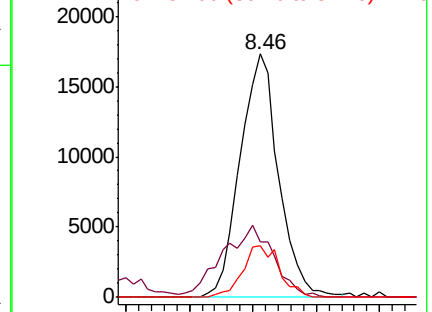
87 20.5 14.2 21.4



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: 20.918 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067762.D

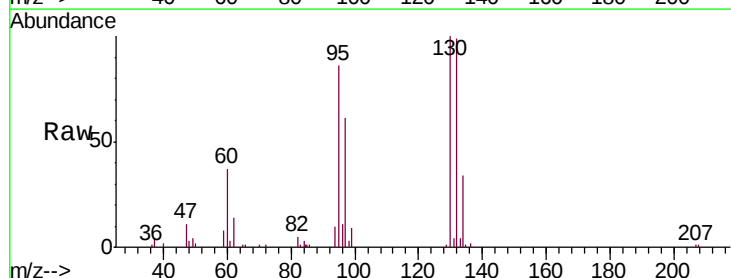
Acq: 24 Nov 2020 12:03

Tgt Ion: 130 Resp: 63413

Ion Ratio Lower Upper

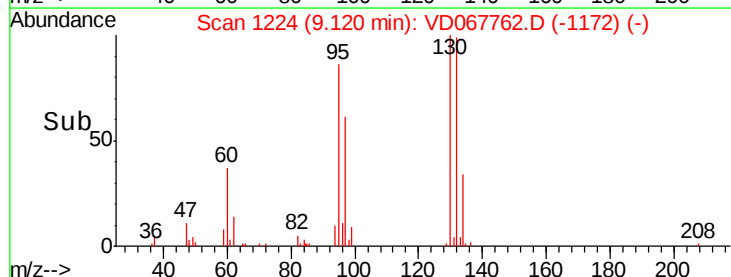
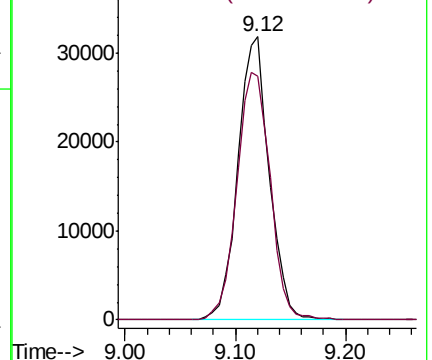
130 100

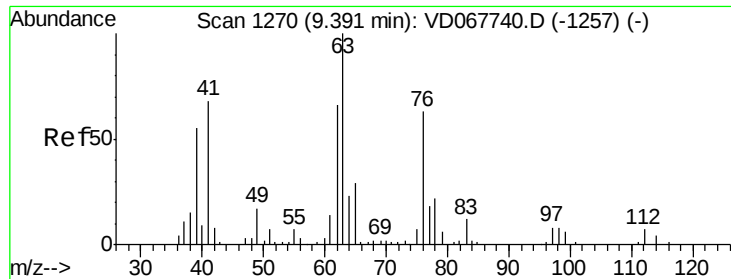
95 86.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.021 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

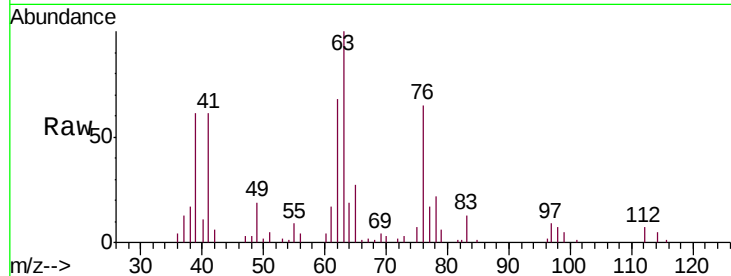
VD1124SBSD01

Tgt Ion: 63 Resp: 41329

Ion Ratio Lower Upper

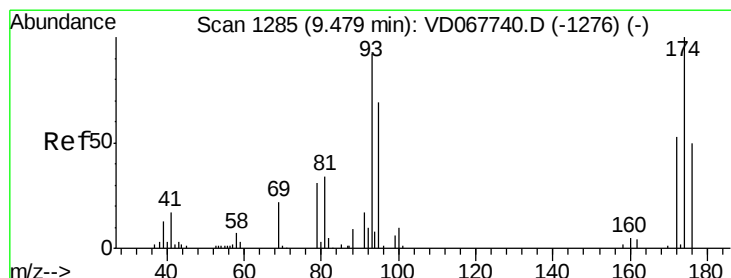
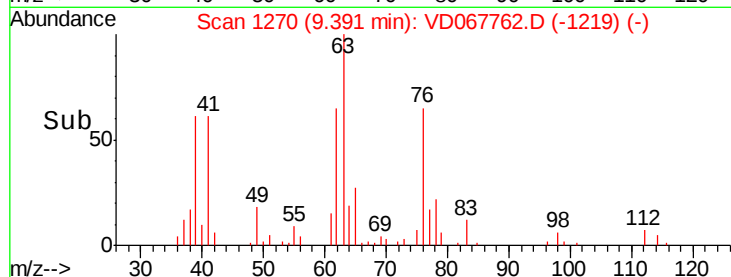
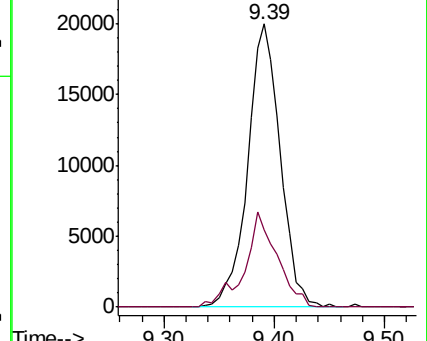
63 100

65 27.1 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.043 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

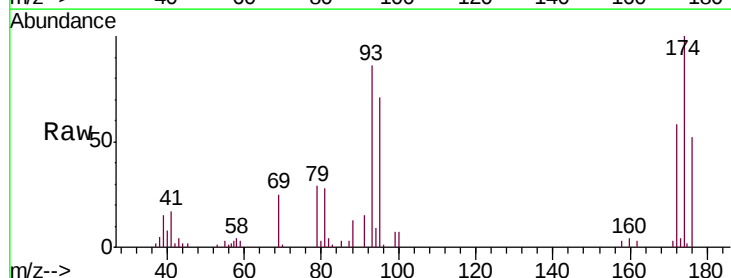
Tgt Ion: 93 Resp: 26888

Ion Ratio Lower Upper

93 100

95 85.9 63.4 95.2

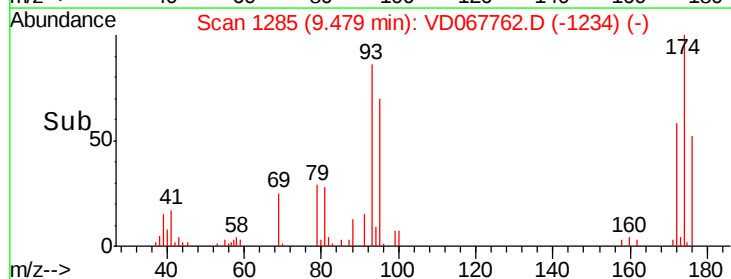
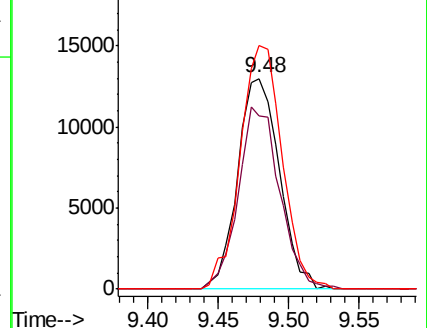
174 116.3 89.6 134.4

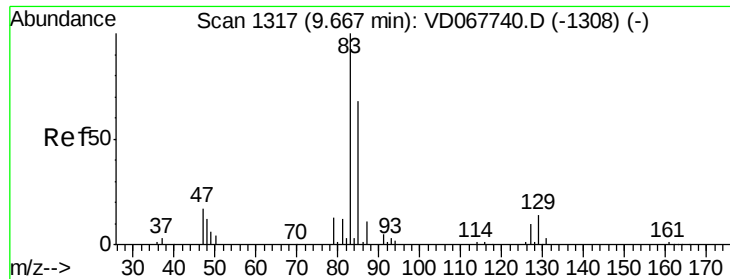


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 20.986 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

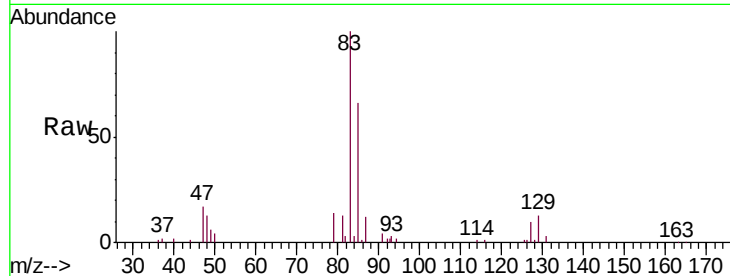
Tgt Ion: 83 Resp: 74673

Ion Ratio Lower Upper

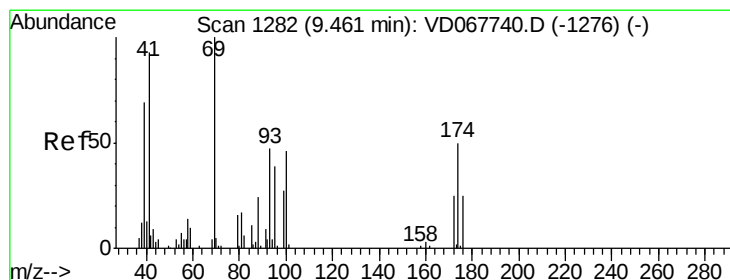
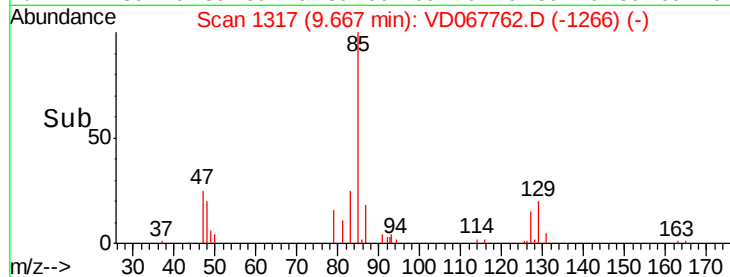
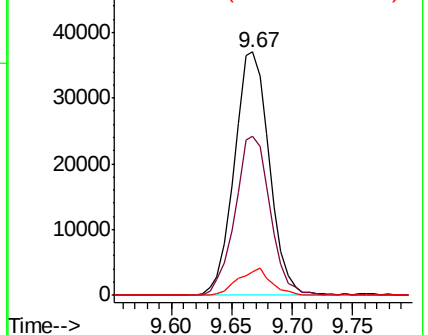
83 100

85 65.5 54.2 81.2

127 9.7 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: 19.615 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

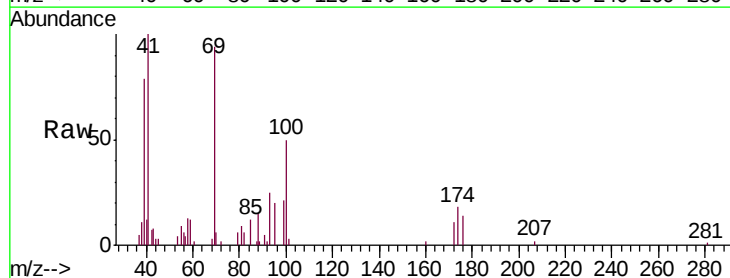
Tgt Ion: 41 Resp: 17537

Ion Ratio Lower Upper

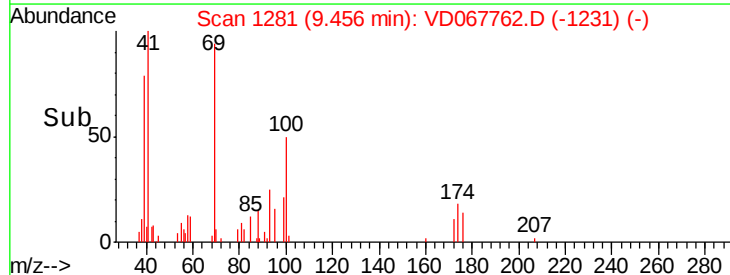
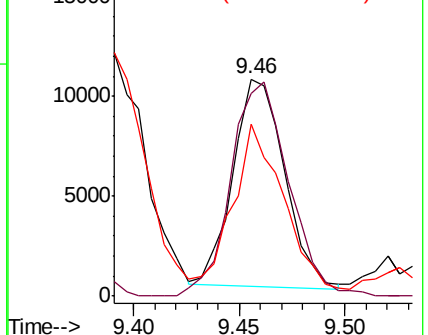
41 100

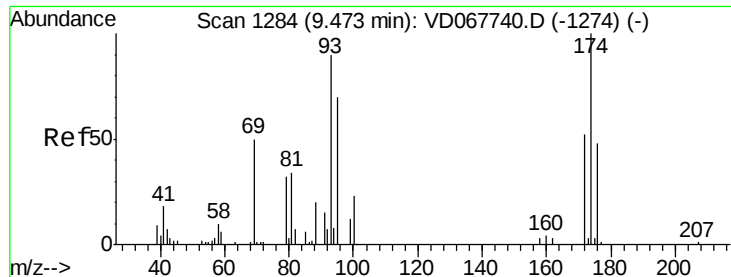
69 116.5 87.8 131.6

39 85.9 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

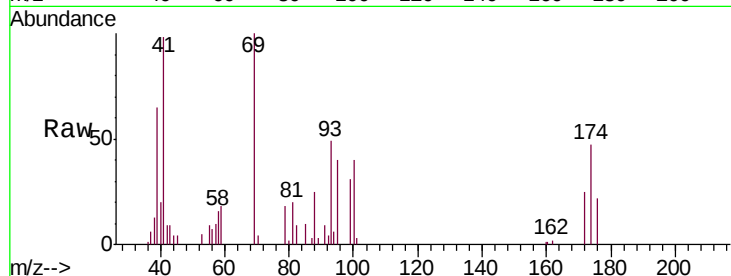




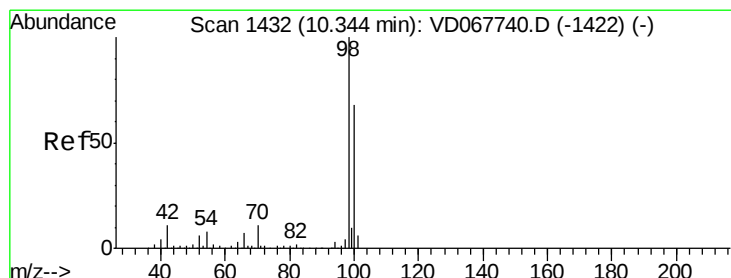
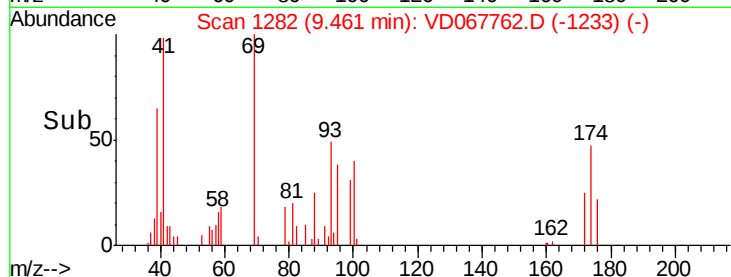
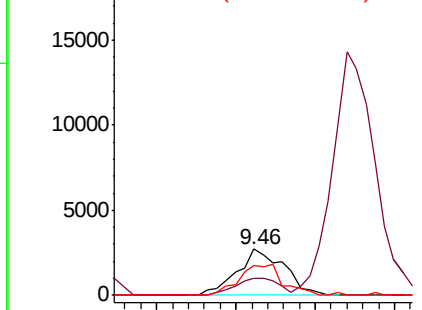
#49
1,4-Dioxane
Concen: 402.601 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Tgt Ion: 88 Resp: 5575
Ion Ratio Lower Upper
88 100
43 34.8 25.2 37.8
58 62.3 48.2 72.2

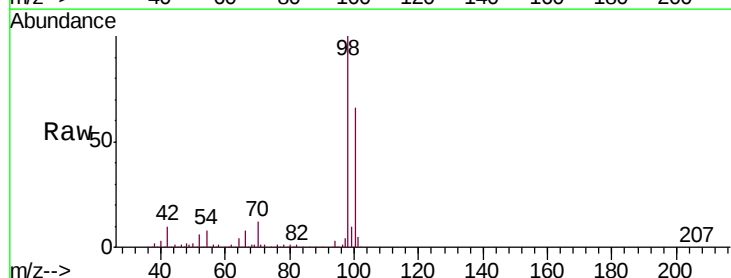


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

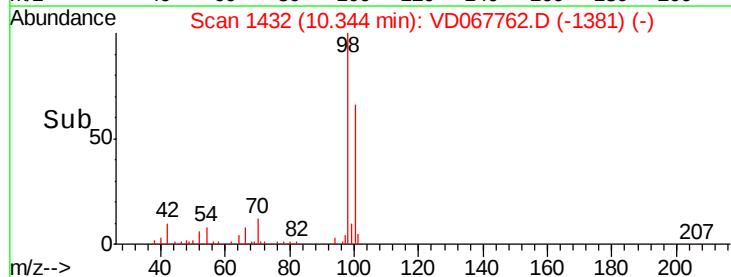
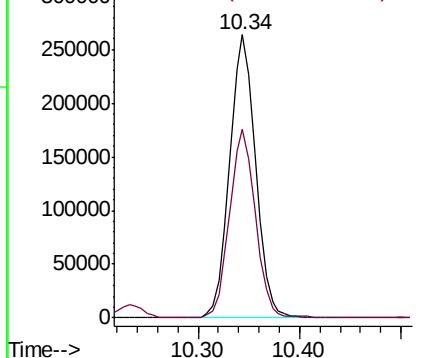


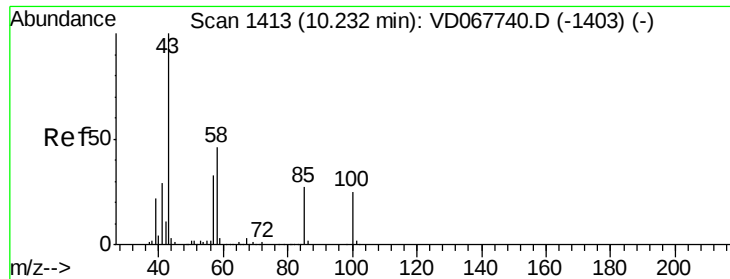
#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 98 Resp: 469616
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



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

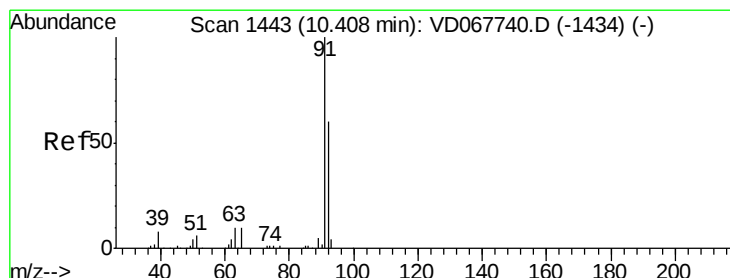
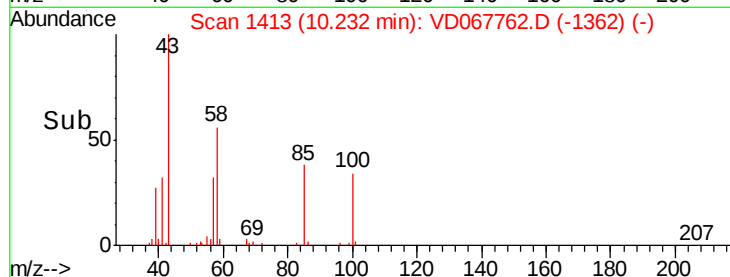
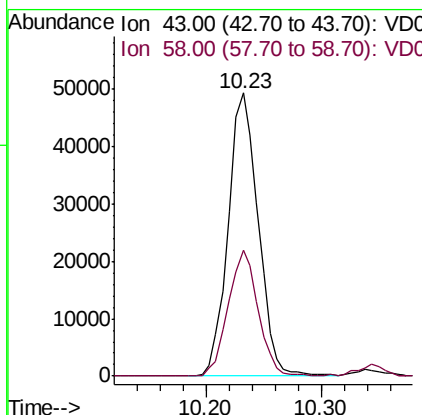
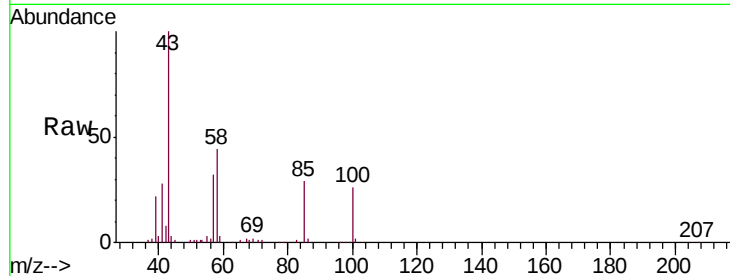




#51
 4-Methyl-2-Pentanone
 Concen: 106.076 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

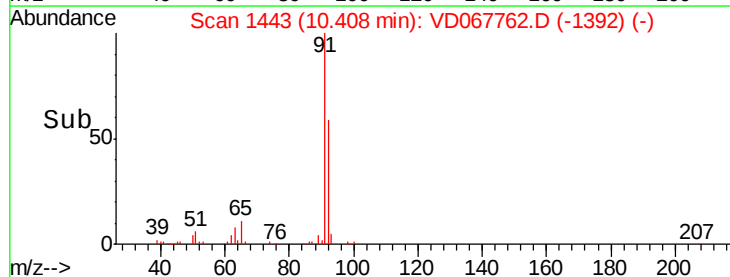
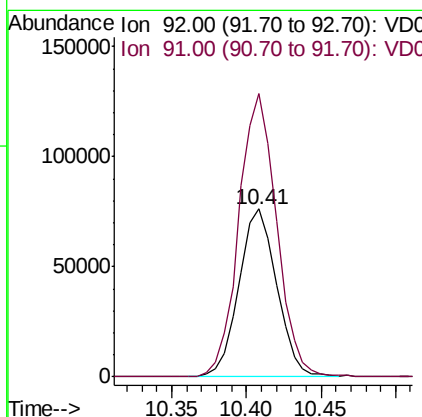
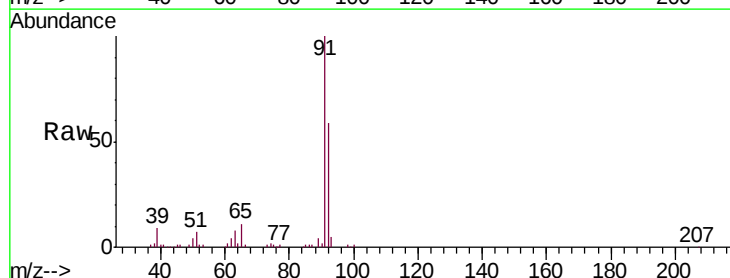
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

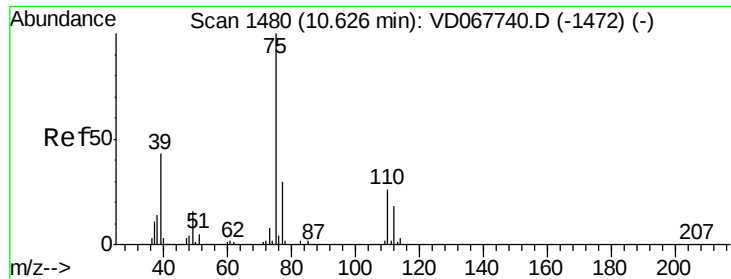
Tgt Ion: 43 Resp: 89265
 Ion Ratio Lower Upper
 43 100
 58 44.2 34.7 52.1



#52
 Toluene
 Concen: 21.691 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 92 Resp: 134595
 Ion Ratio Lower Upper
 92 100
 91 167.7 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 20.866 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

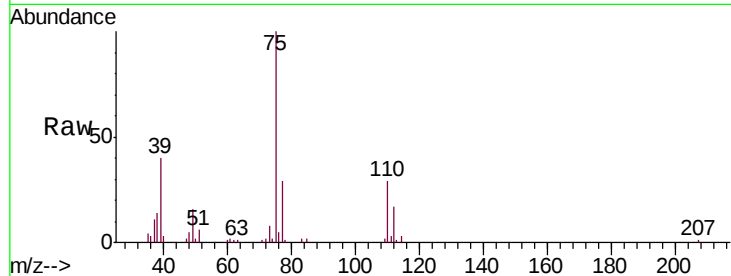
VD1124SBSD01

Tgt Ion: 75 Resp: 64865

Ion Ratio Lower Upper

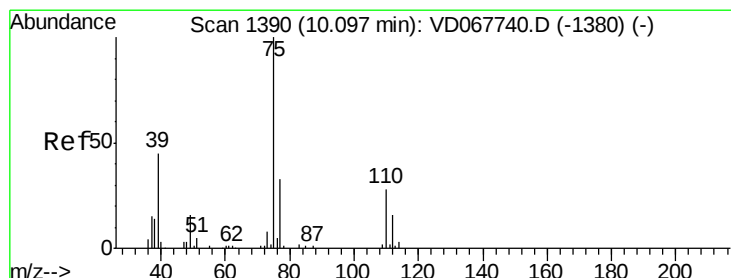
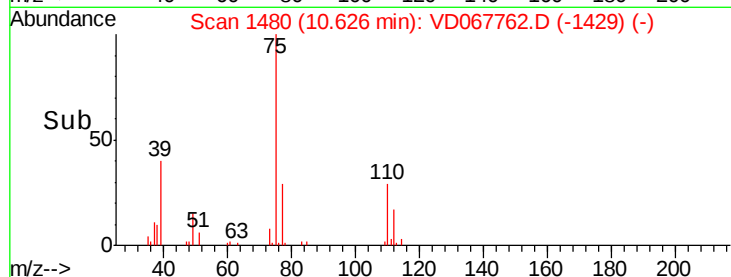
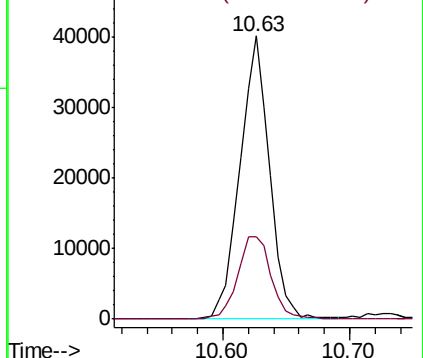
75 100

77 29.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.515 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

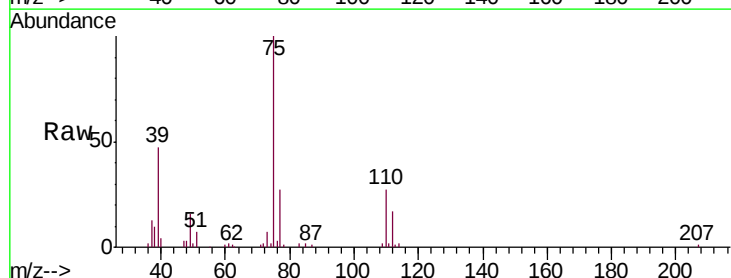
Tgt Ion: 75 Resp: 75692

Ion Ratio Lower Upper

75 100

77 26.6 26.1 39.1

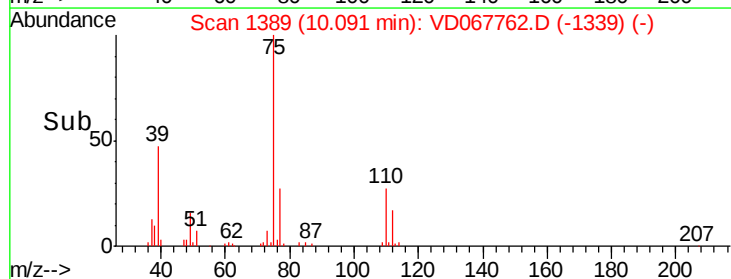
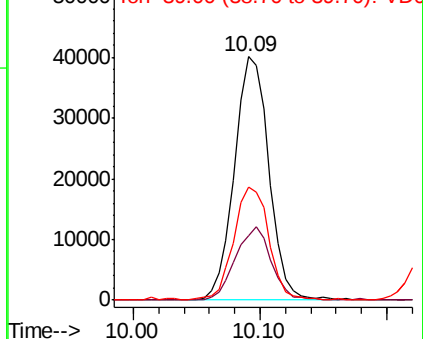
39 46.7 35.8 53.6

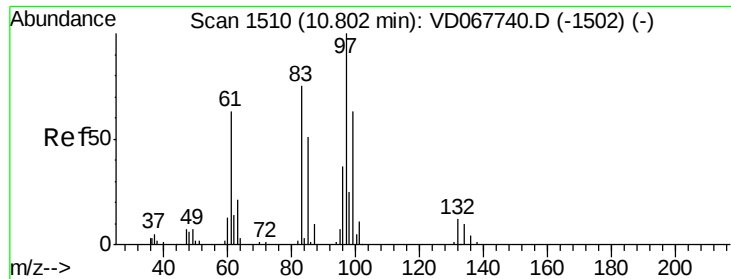


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

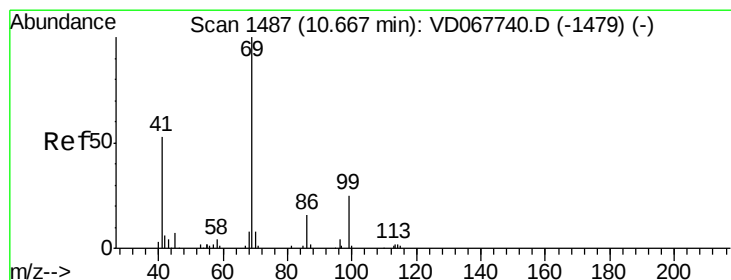
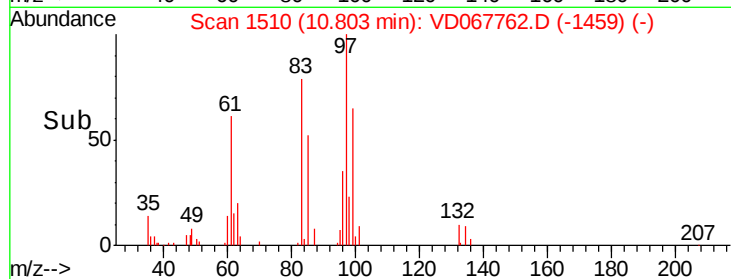
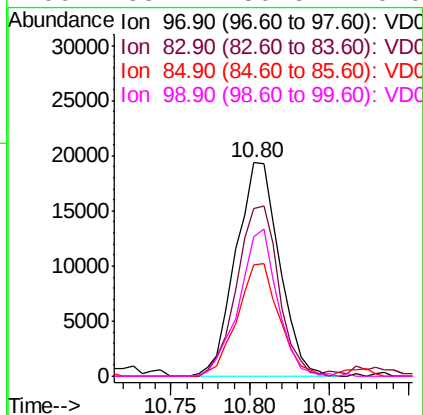
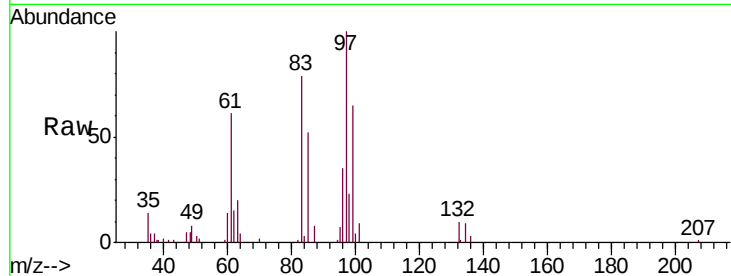




#55
 1,1,2-Trichloroethane
 Concen: 21.573 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

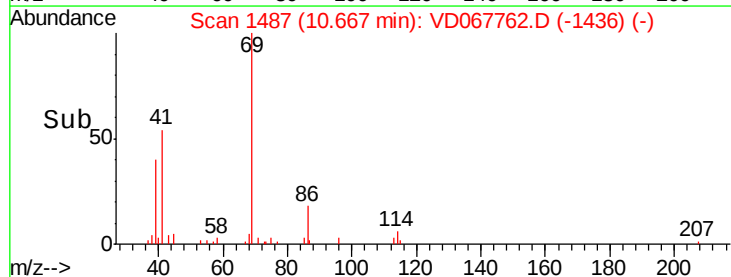
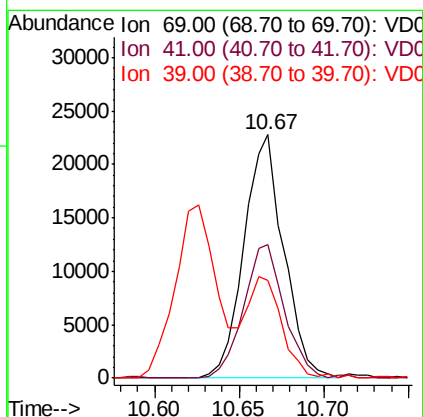
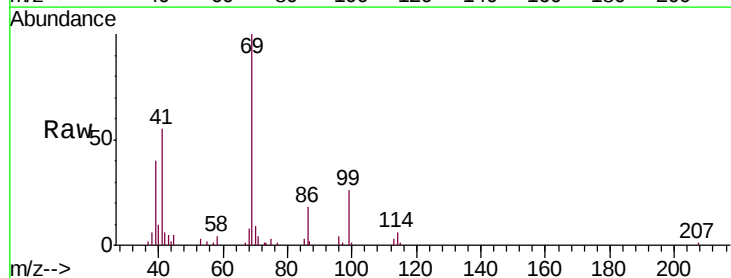
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

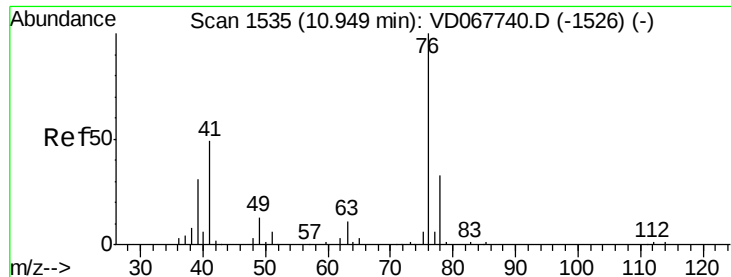
Tgt Ion:	97	Resp:	36986
Ion	Ratio	Lower	Upper
97	100		
83	78.8	60.2	90.4
85	52.4	40.5	60.7
99	65.2	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 20.958 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion:	69	Resp:	37201
Ion	Ratio	Lower	Upper
69	100		
41	56.3	43.4	65.0
39	35.7	29.6	44.4

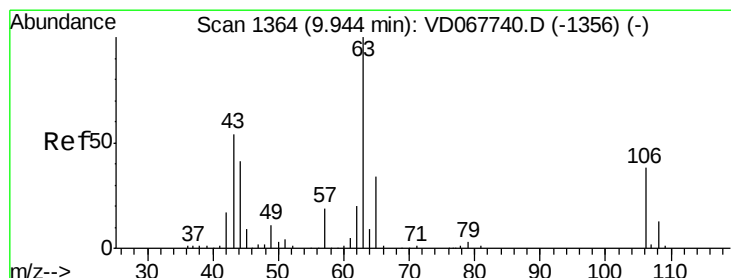
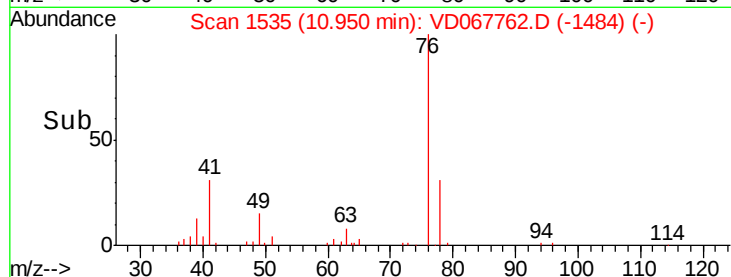
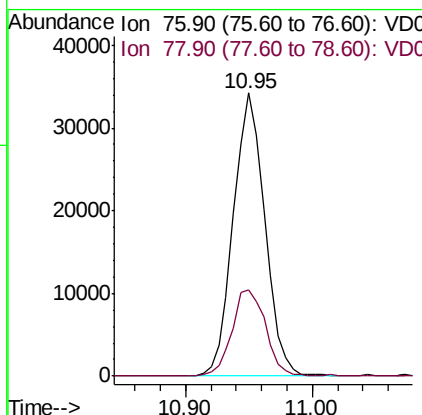
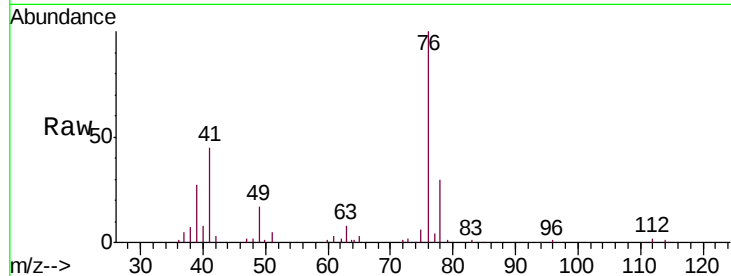




#57
 1,3-Dichloropropane
 Concen: 21.803 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

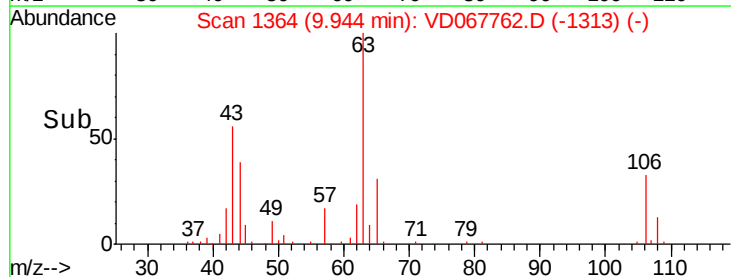
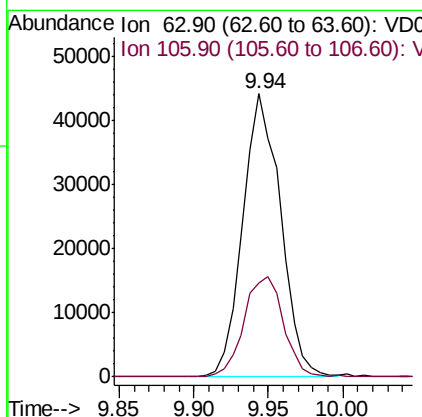
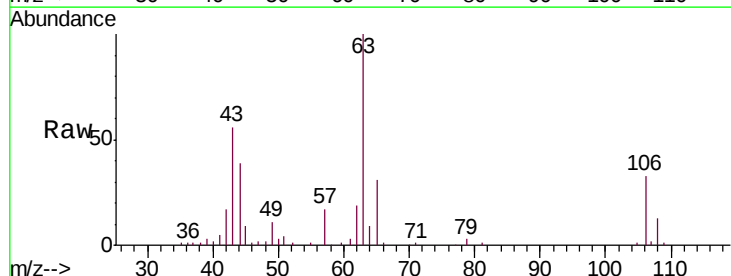
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

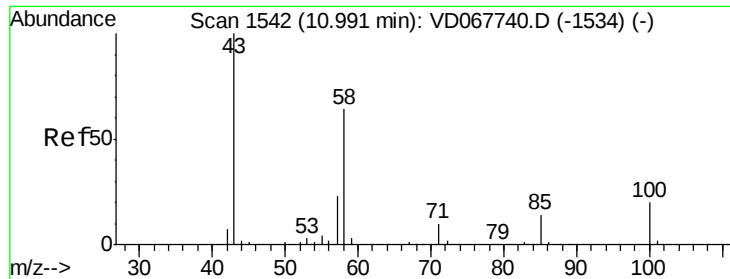
Tgt Ion: 76 Resp: 58939
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.173 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 63 Resp: 77275
 Ion Ratio Lower Upper
 63 100
 106 36.8 31.0 46.6

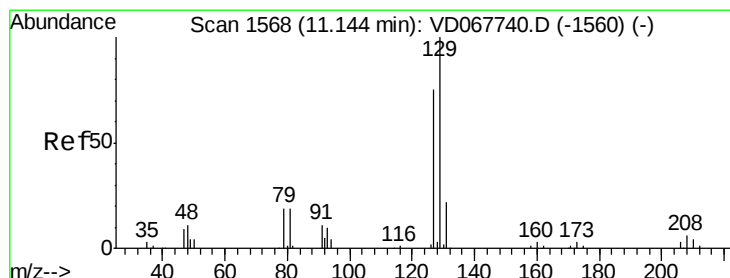
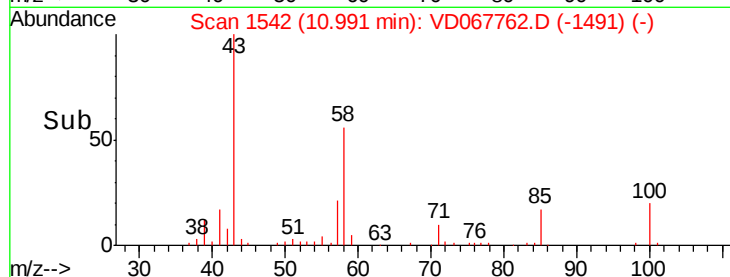
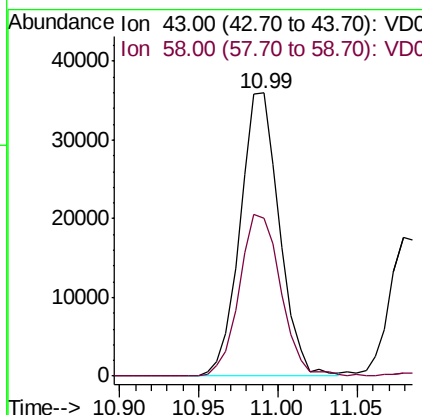
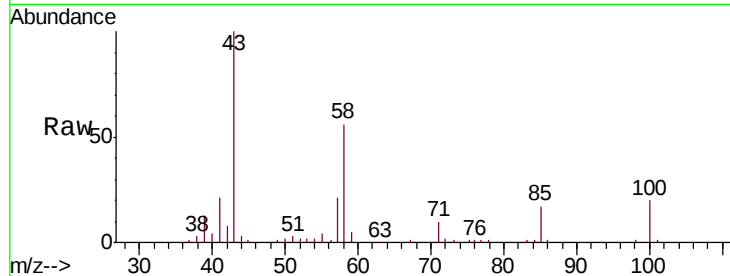




#59
2-Hexanone
Concen: 104.139 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

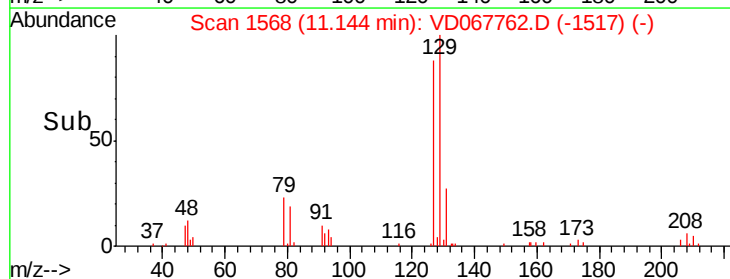
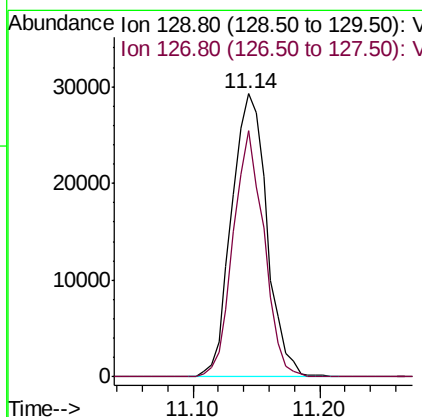
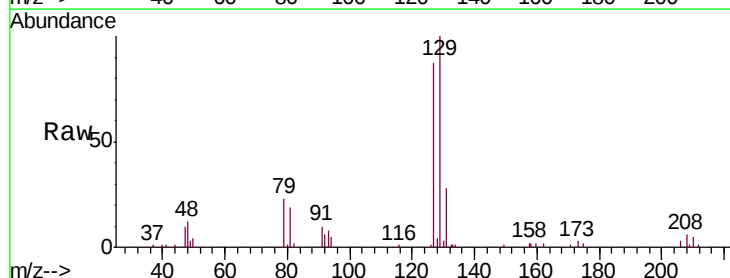
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

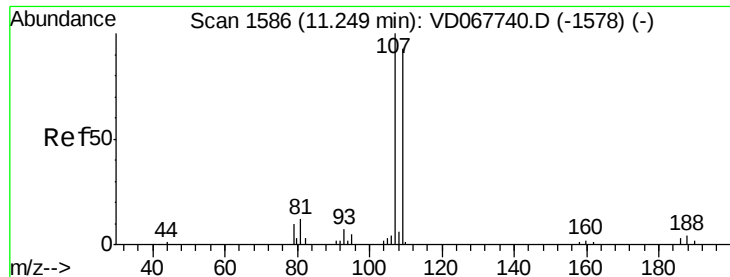
Tgt Ion: 43 Resp: 61873
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5



#60
Dibromochloromethane
Concen: 21.647 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 129 Resp: 56555
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.7

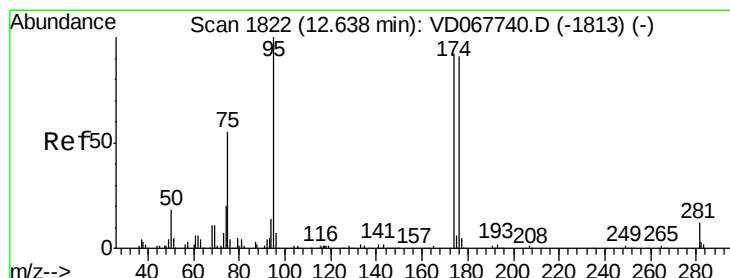
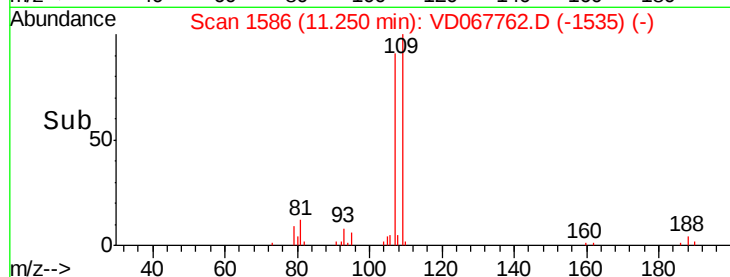
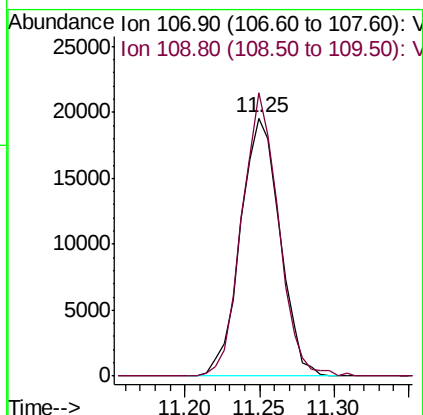
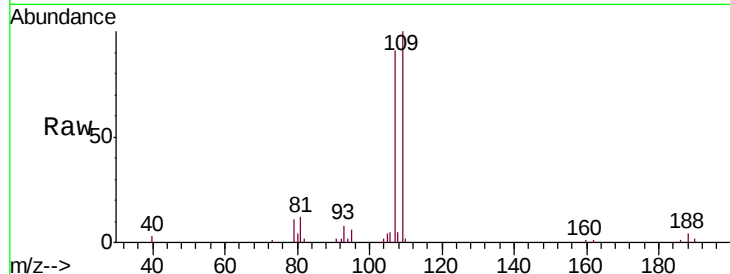




#61
 1,2-Dibromoethane
 Concen: 21.198 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

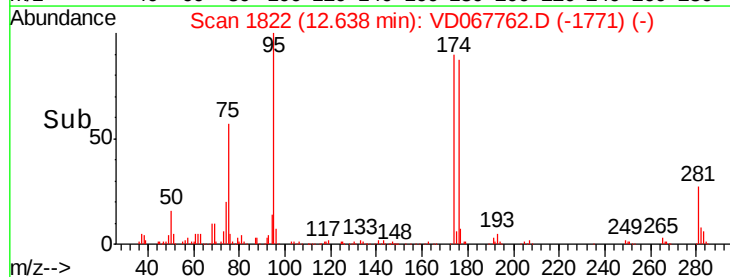
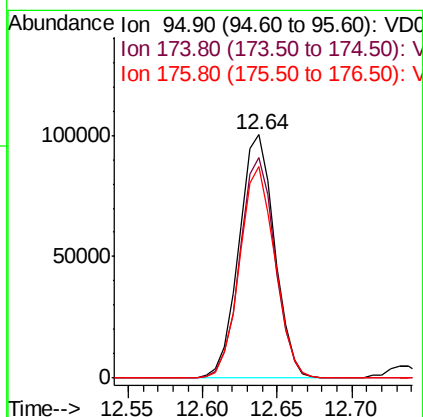
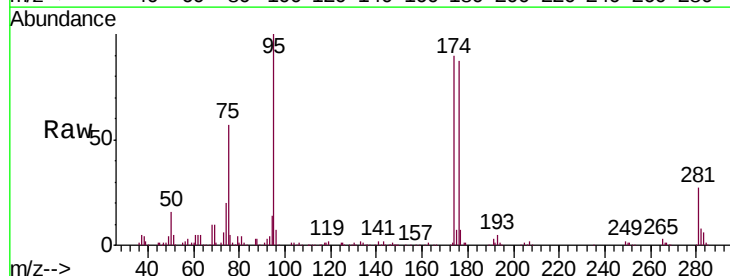
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

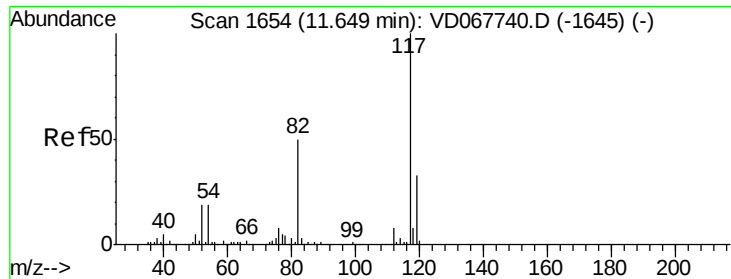
Tgt Ion: 107 Resp: 35810
 Ion Ratio Lower Upper
 107 100
 109 101.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.581 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion: 95 Resp: 165381
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 182.4
 176 86.3 0.0 178.2

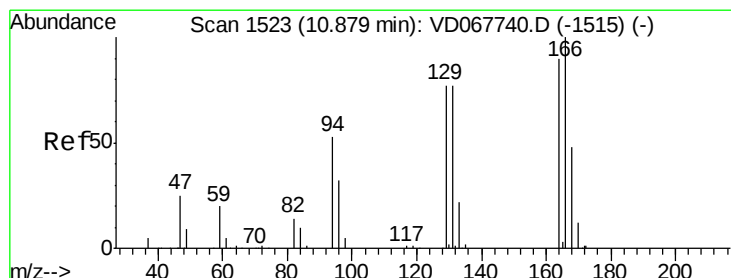
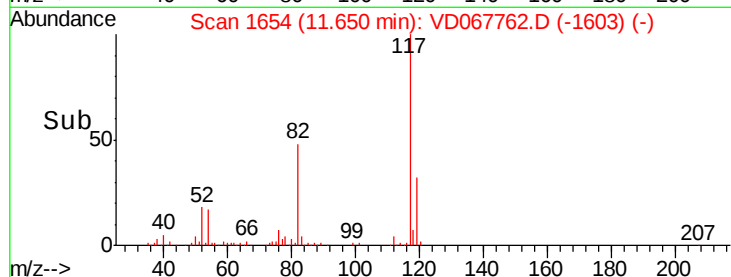
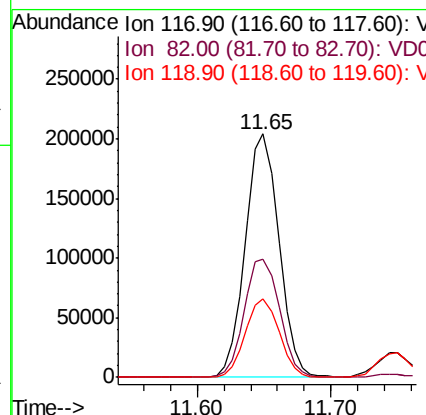
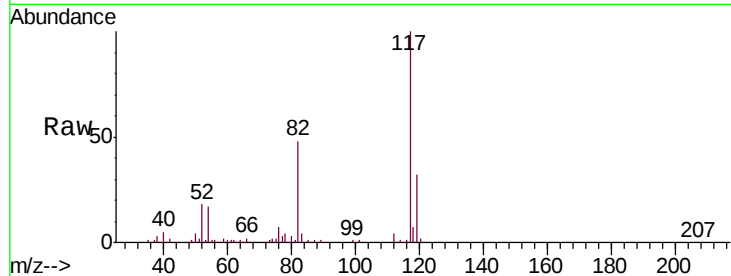




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

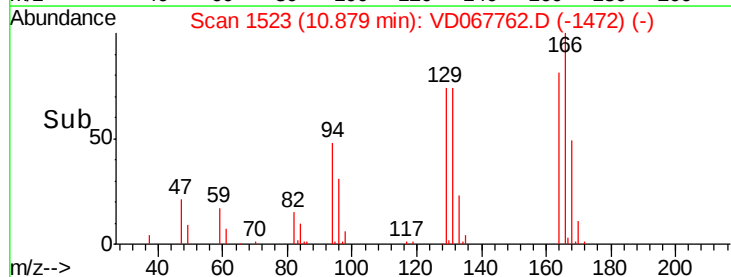
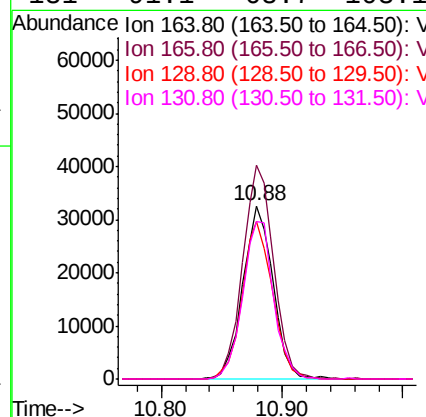
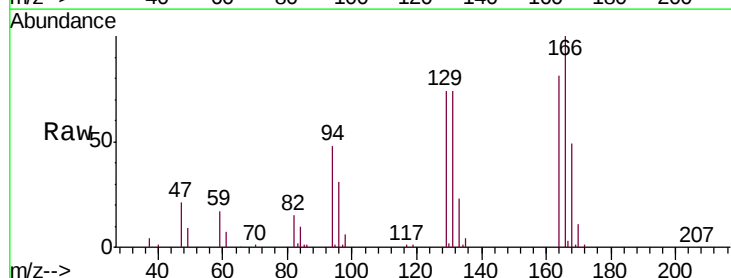
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

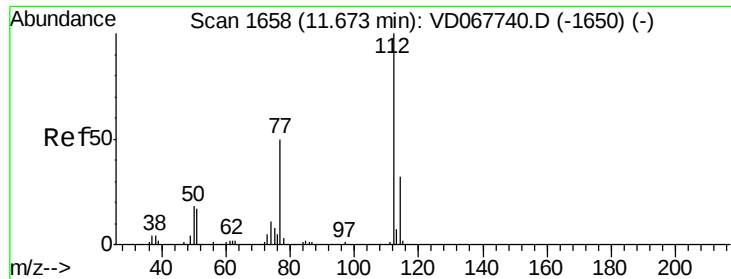
Tgt Ion:117 Resp: 356546
Ion Ratio Lower Upper
117 100
82 48.4 40.2 60.4
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 20.414 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:164 Resp: 56492
Ion Ratio Lower Upper
164 100
166 123.5 89.2 133.8
129 91.1 68.4 102.6
131 91.1 68.7 103.1

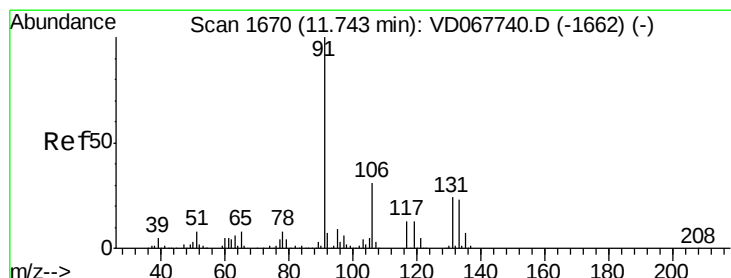
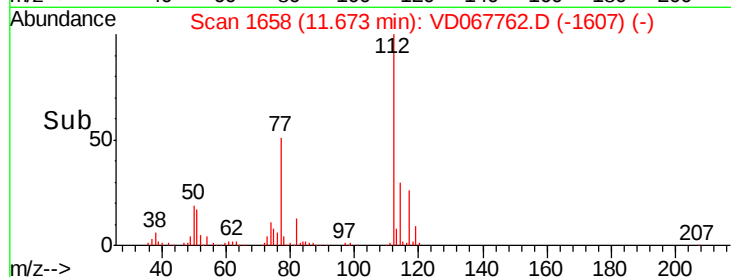
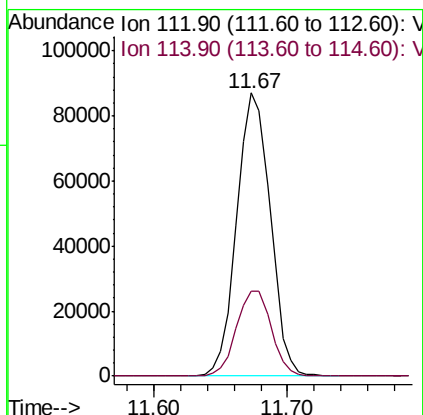
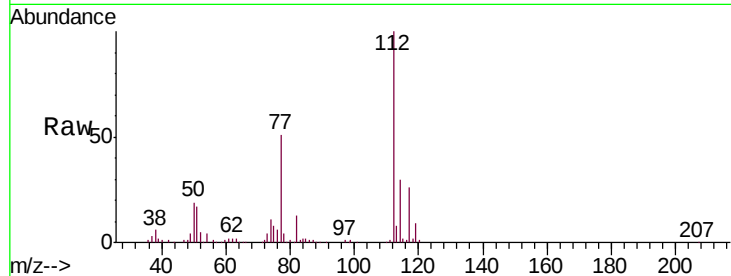




#65
Chlorobenzene
Concen: 21.677 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

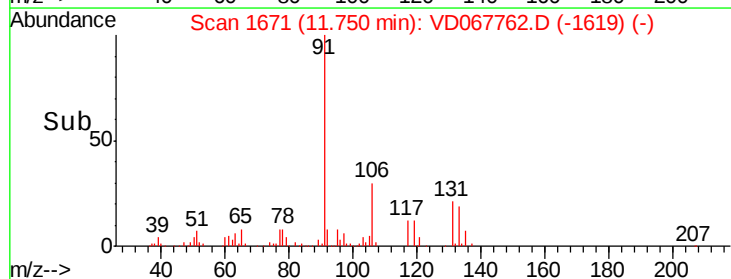
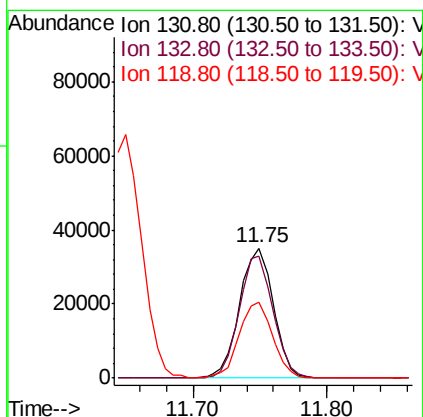
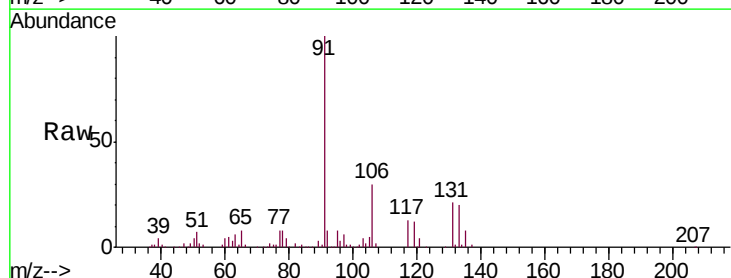
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

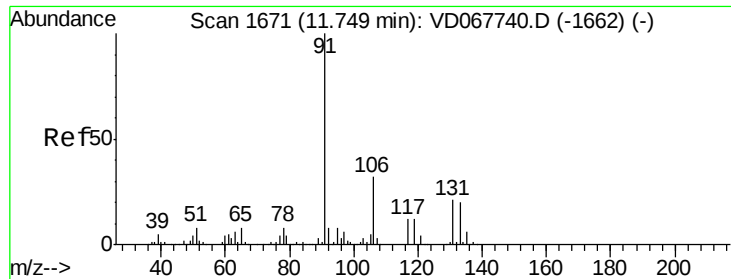
Tgt Ion:112 Resp: 151908
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.796 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:131 Resp: 61783
Ion Ratio Lower Upper
131 100
133 93.5 49.0 147.0
119 57.8 28.8 86.5

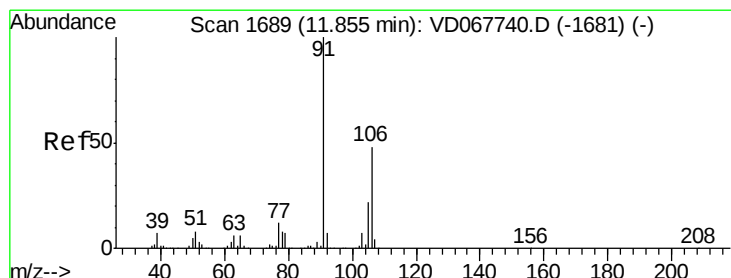
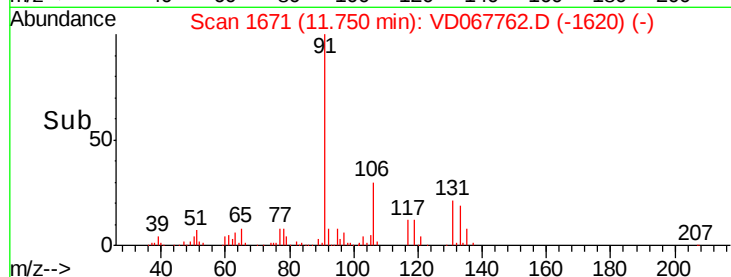
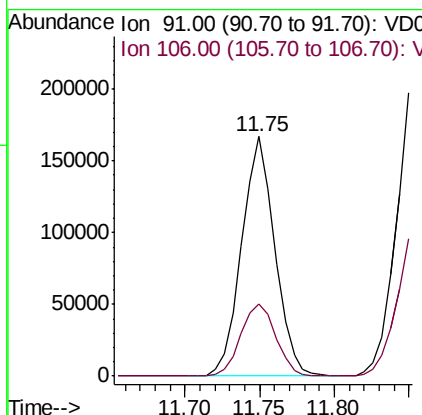
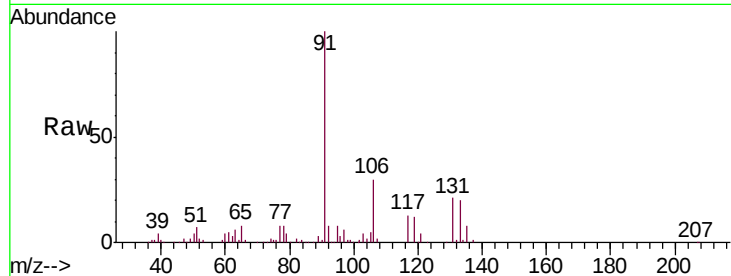




#67
Ethyl Benzene
Concen: 21.258 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

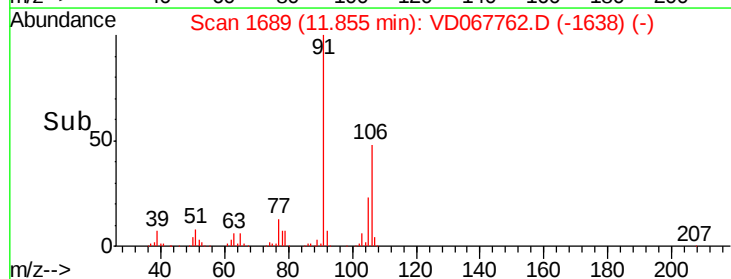
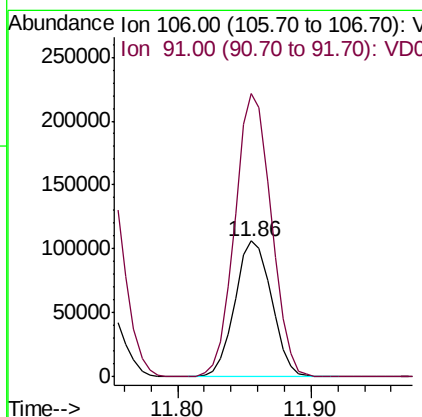
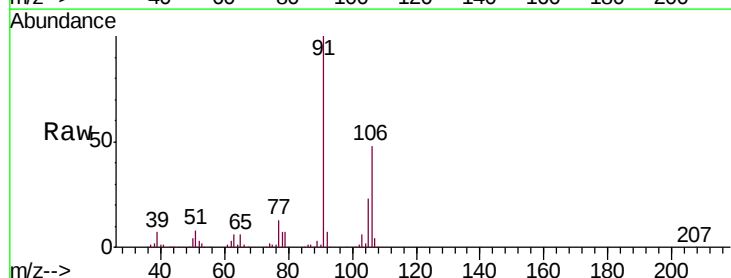
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

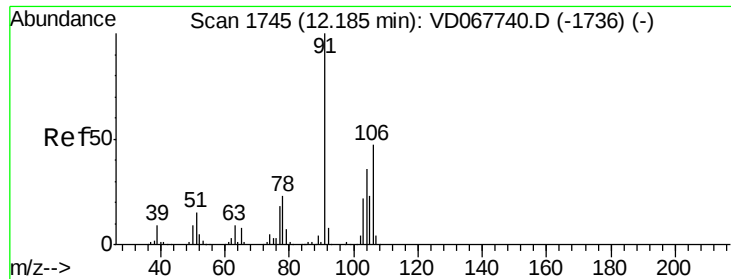
Tgt Ion: 91 Resp: 257175
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 43.015 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 106 Resp: 202507
Ion Ratio Lower Upper
106 100
91 207.0 163.0 244.6

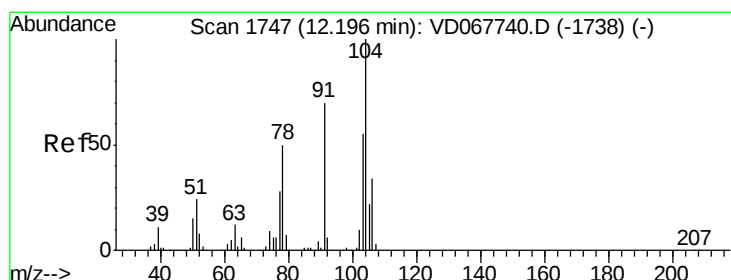
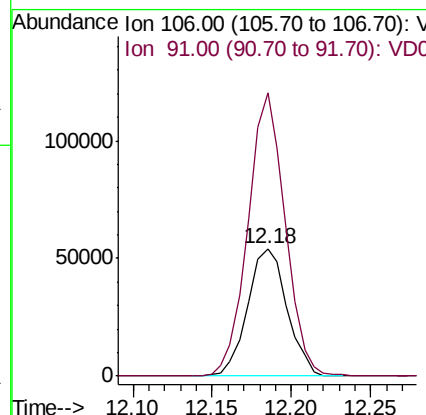
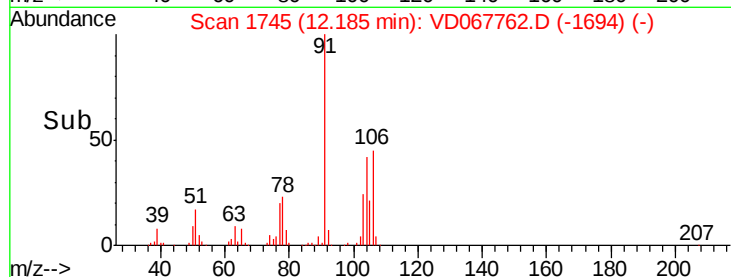
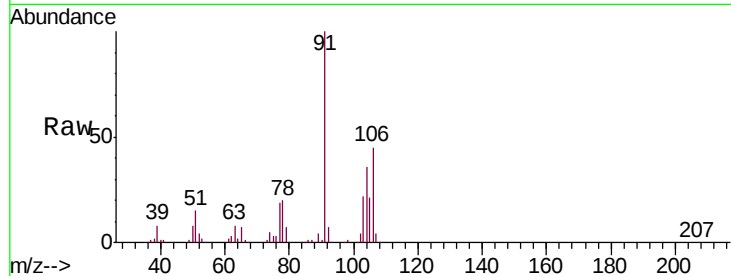




#69
o-Xylene
Concen: 21.920 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

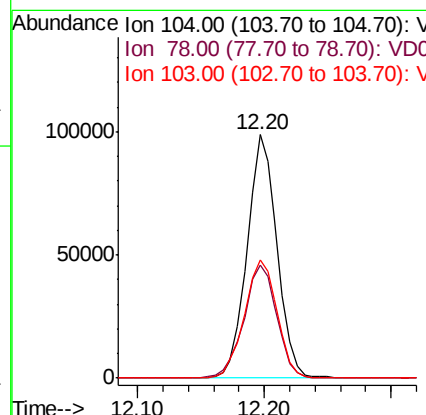
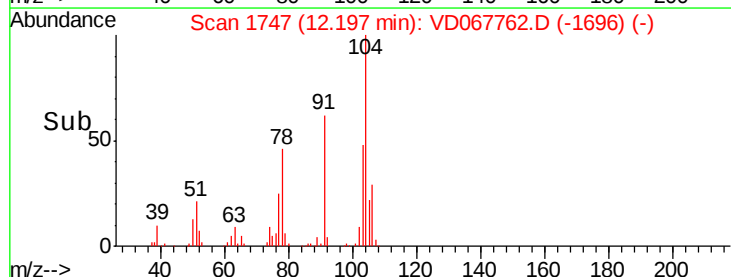
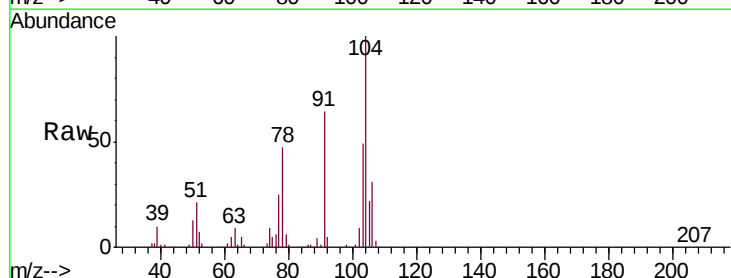
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

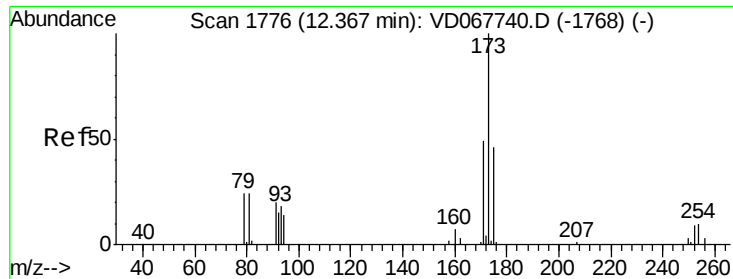
Tgt Ion:106 Resp: 93958
Ion Ratio Lower Upper
106 100
91 209.1 106.2 318.6



#70
Styrene
Concen: 22.041 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:104 Resp: 160920
Ion Ratio Lower Upper
104 100
78 51.6 41.9 62.9
103 53.2 44.1 66.1

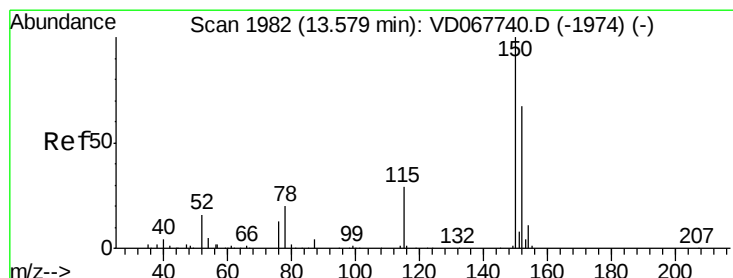
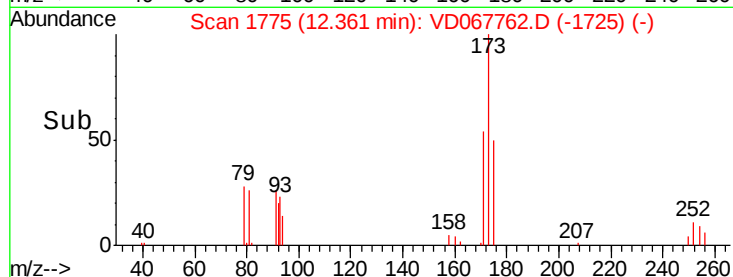
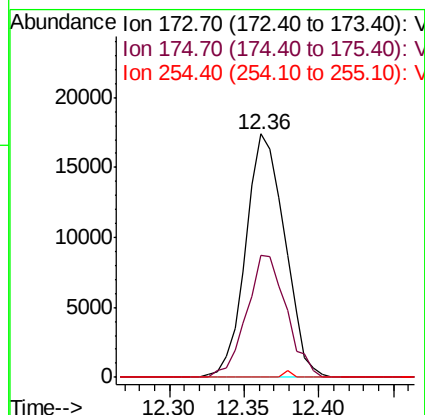
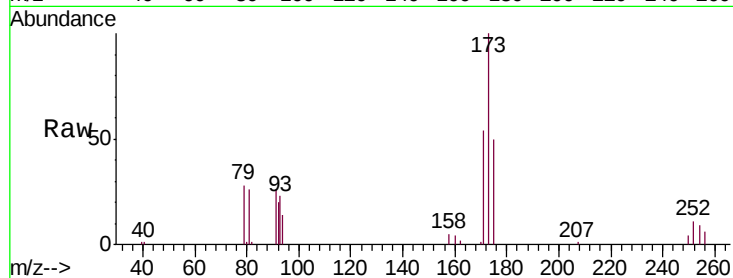




#71
Bromoform
Concen: 20.420 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

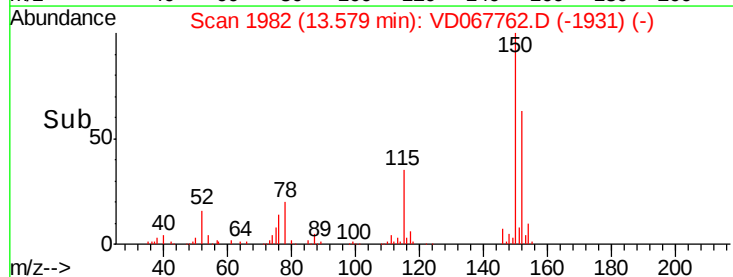
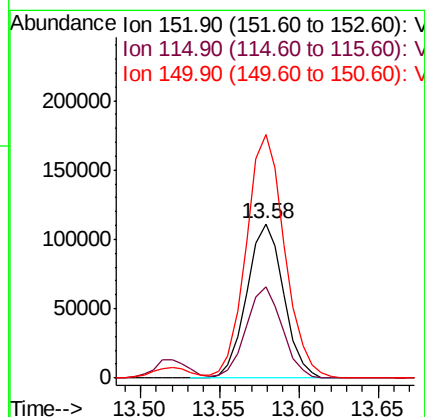
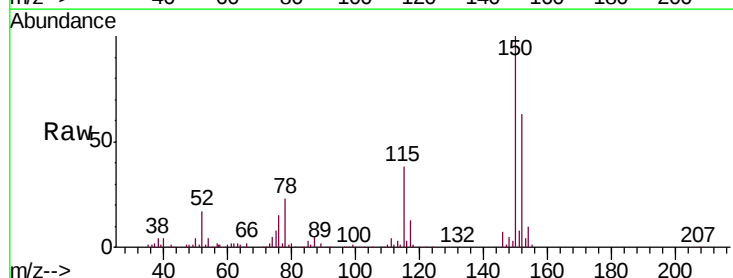
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

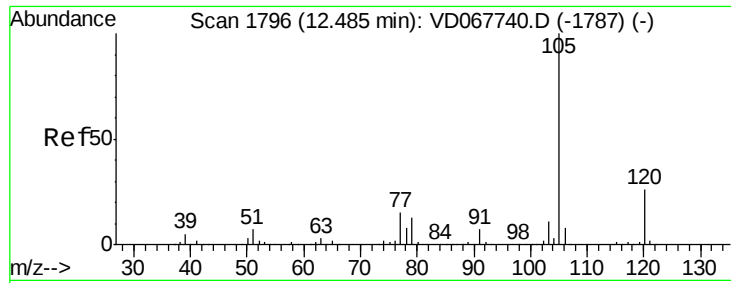
Tgt Ion:173 Resp: 31423
Ion Ratio Lower Upper
173 100
175 51.1 23.9 71.7
254 0.6 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion:152 Resp: 179602
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.3
150 164.9 0.0 340.6





#73

Isopropylbenzene

Concen: 21.282 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

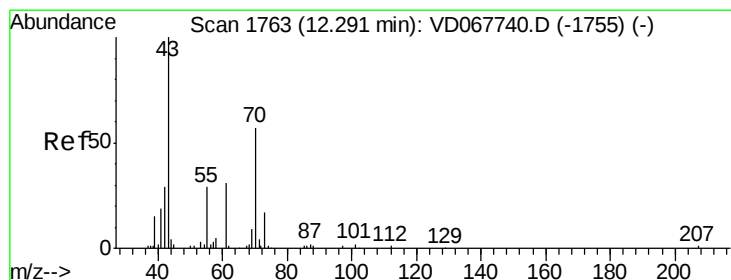
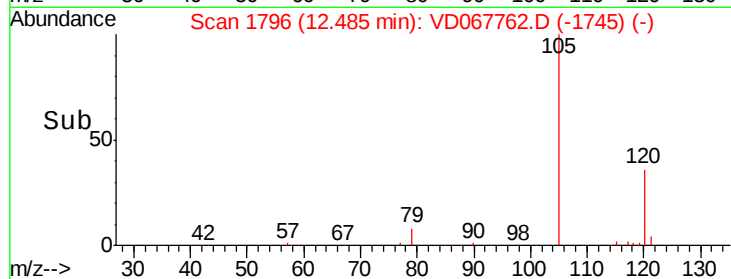
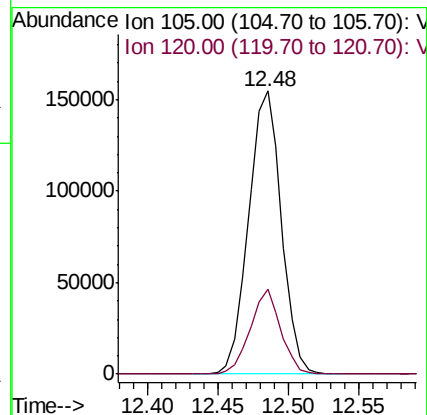
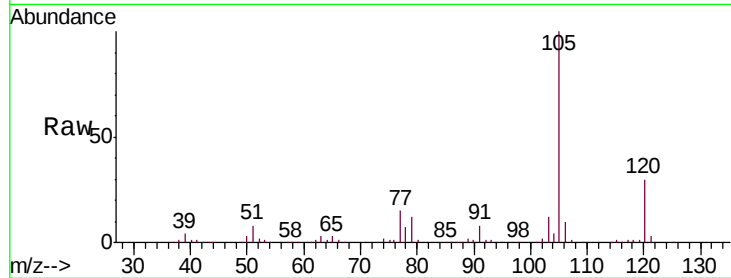
VD1124SBSD01

Tgt Ion: 105 Resp: 251490

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6



#74

N-ethyl acetate

Concen: 21.141 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Tgt Ion: 43 Resp: 32946

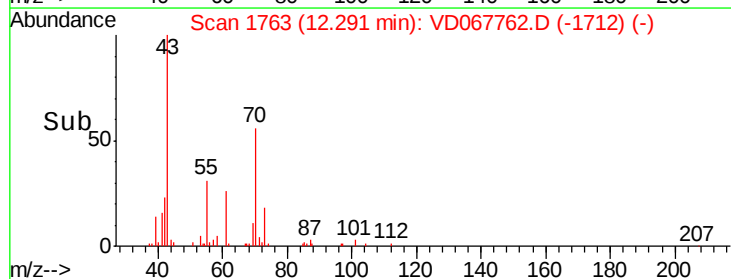
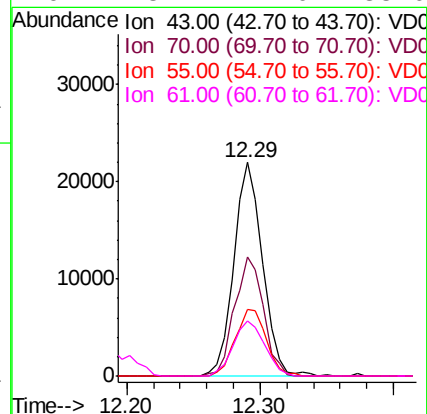
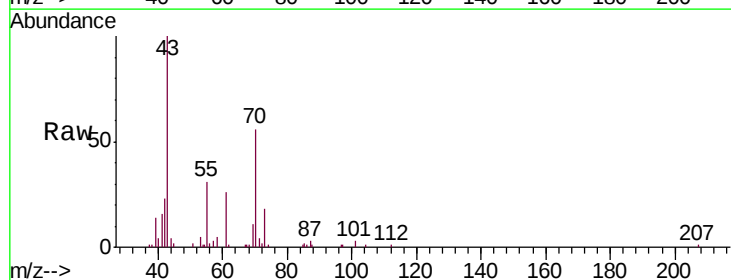
Ion Ratio Lower Upper

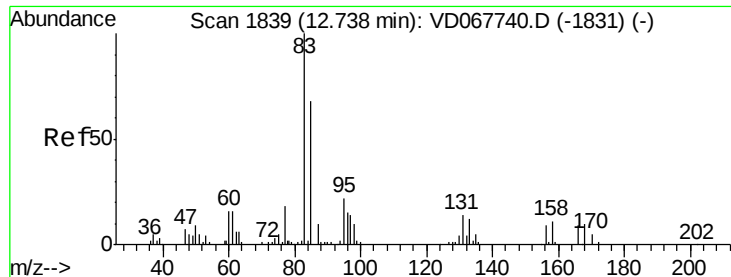
43 100

70 56.2 44.6 66.8

55 33.5 24.2 36.2

61 28.1 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.226 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

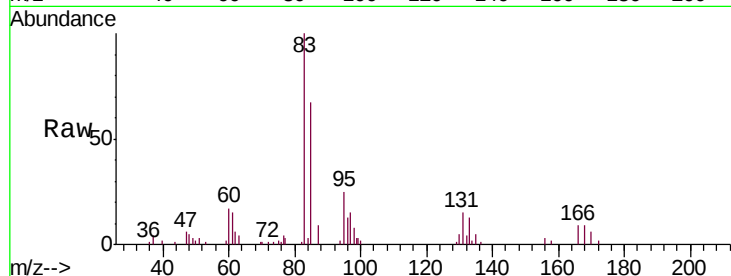
Tgt Ion: 83 Resp: 33663

Ion Ratio Lower Upper

83 100

131 15.5 8.1 24.1

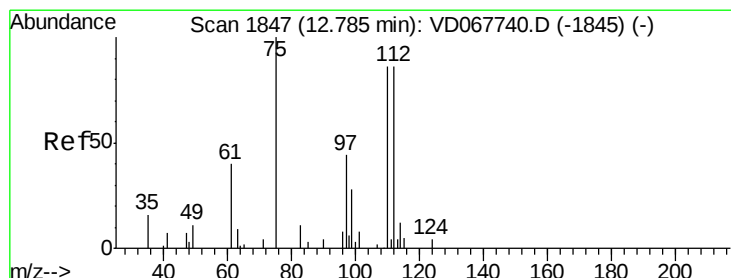
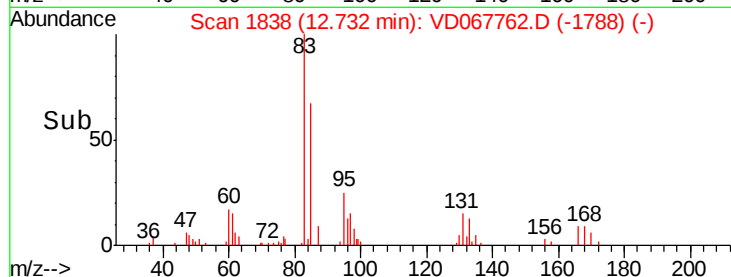
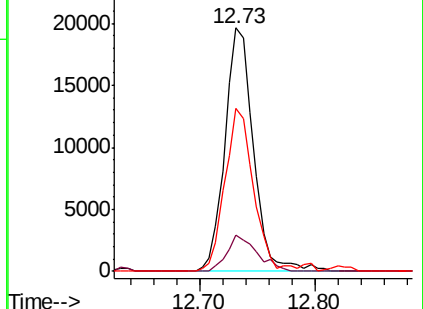
85 66.6 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 40.619 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067762.D

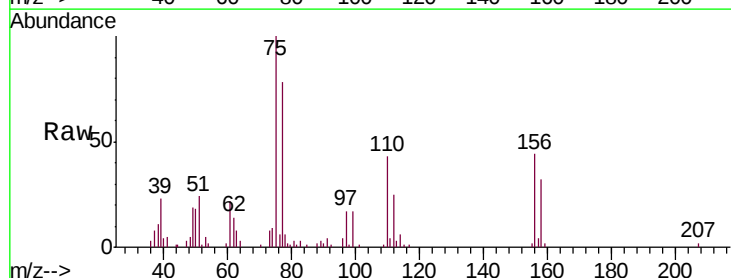
Acq: 24 Nov 2020 12:03

Tgt Ion: 75 Resp: 50844

Ion Ratio Lower Upper

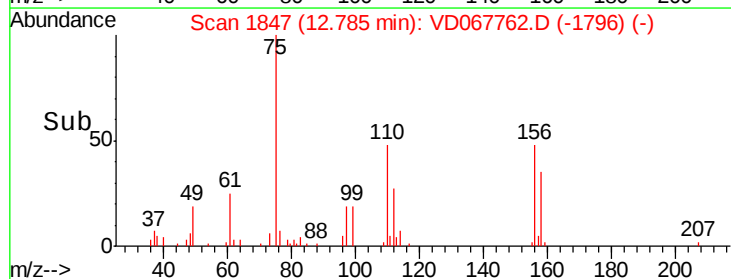
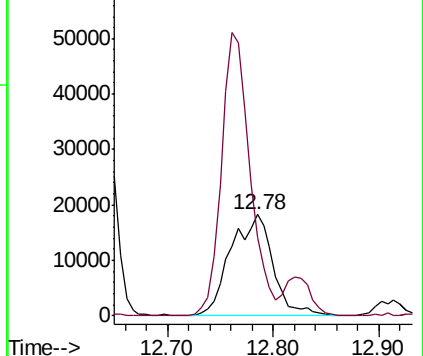
75 100

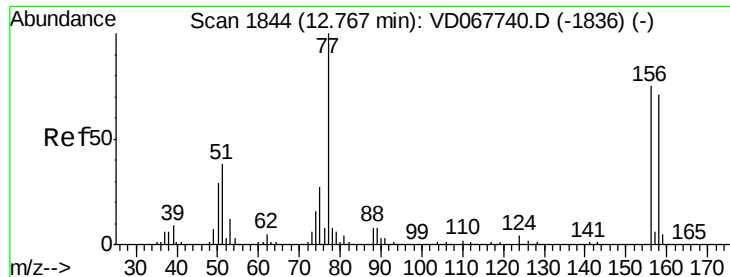
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.571 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

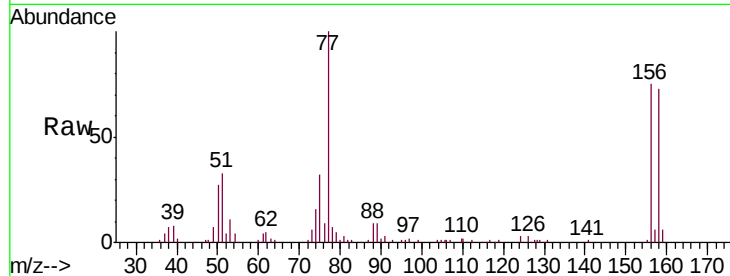
Tgt Ion:156 Resp: 63809

Ion Ratio Lower Upper

156 100

77 150.7 73.5 220.3

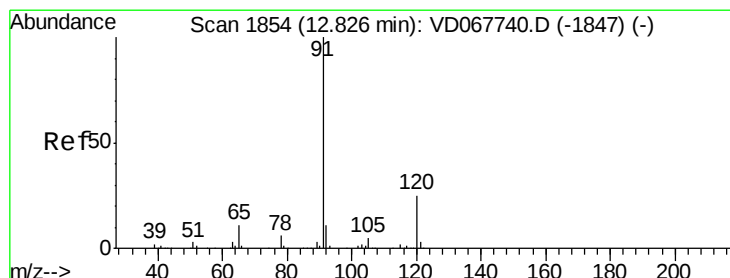
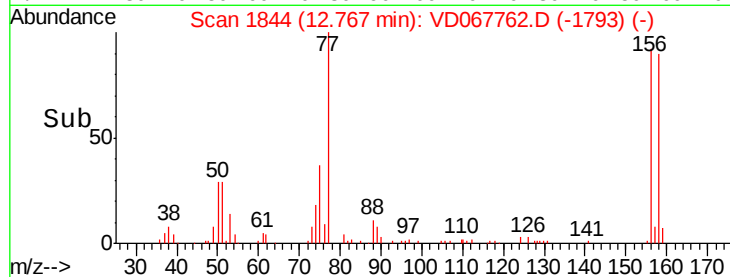
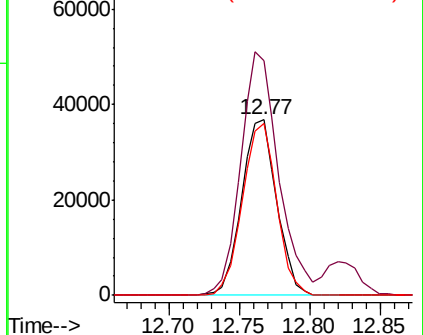
158 96.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.870 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067762.D

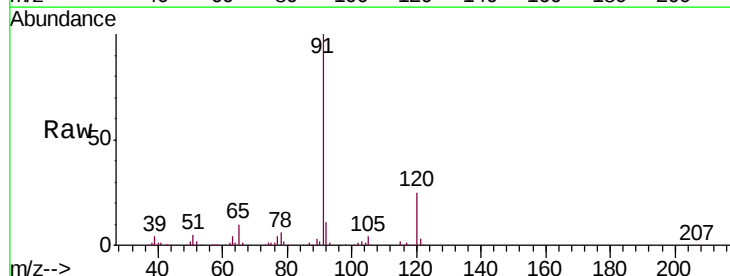
Acq: 24 Nov 2020 12:03

Tgt Ion: 91 Resp: 287520

Ion Ratio Lower Upper

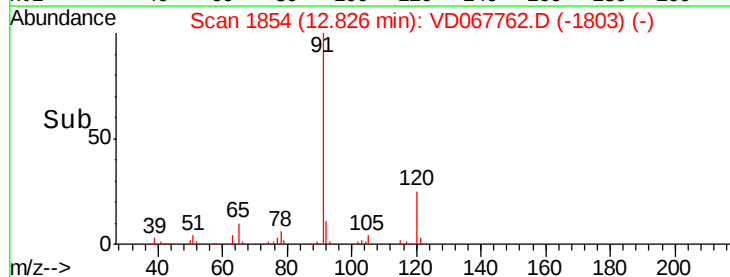
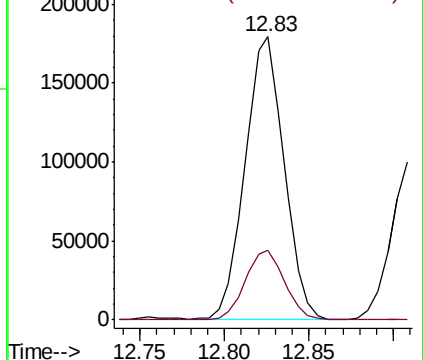
91 100

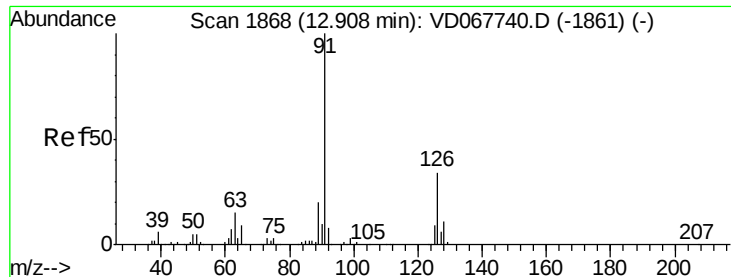
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.431 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

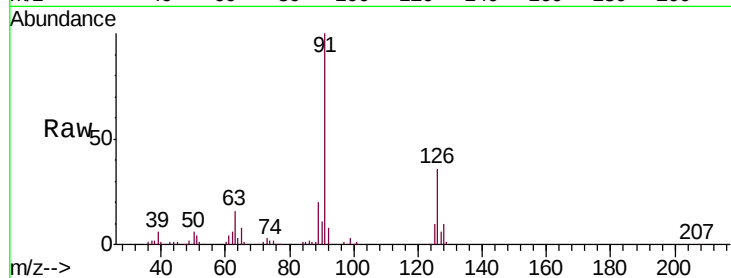
VD1124SBSD01

Tgt Ion: 91 Resp: 166813

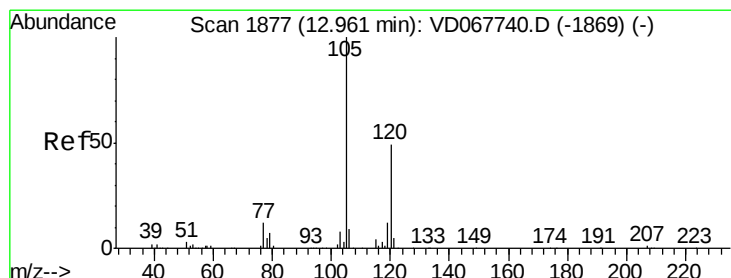
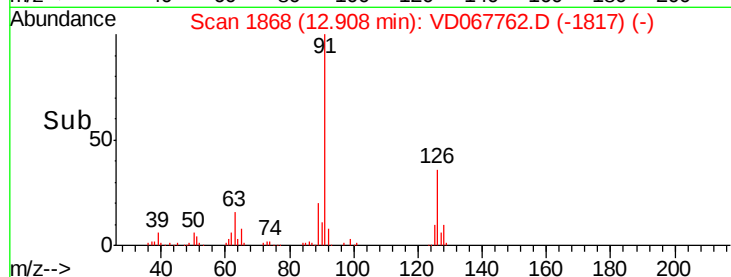
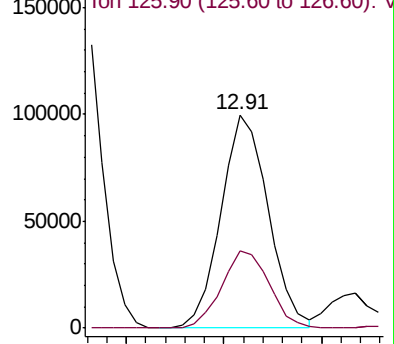
Ion Ratio Lower Upper

91 100

126 36.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.815 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067762.D

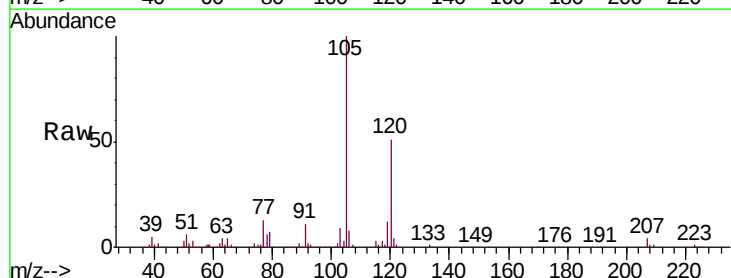
Acq: 24 Nov 2020 12:03

Tgt Ion: 105 Resp: 224221

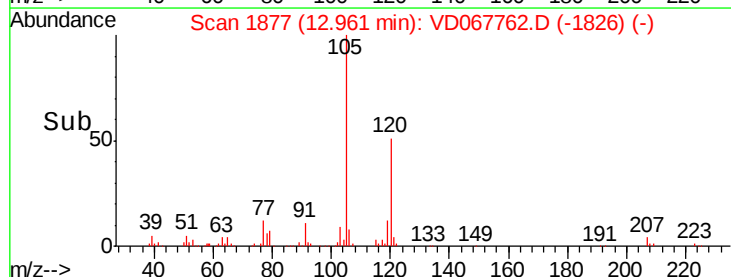
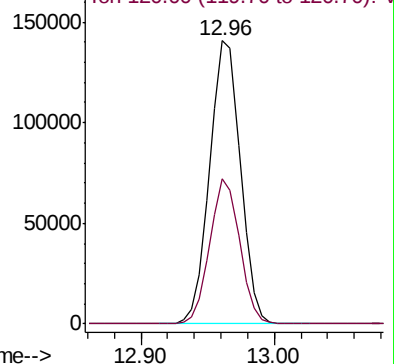
Ion Ratio Lower Upper

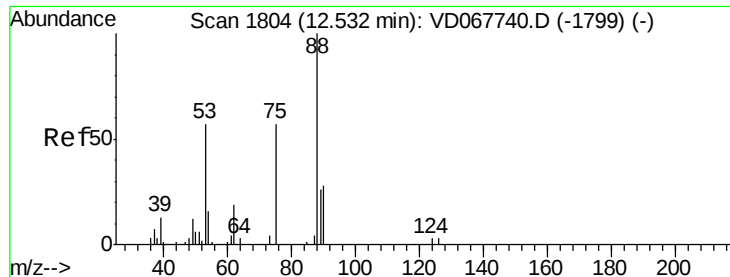
105 100

120 49.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.593 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

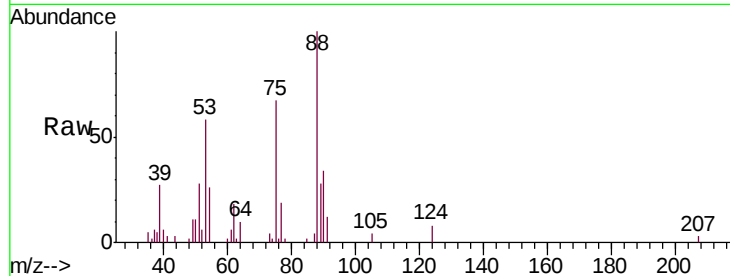
Tgt Ion: 75 Resp: 11556

Ion Ratio Lower Upper

75 100

53 95.2 76.0 114.0

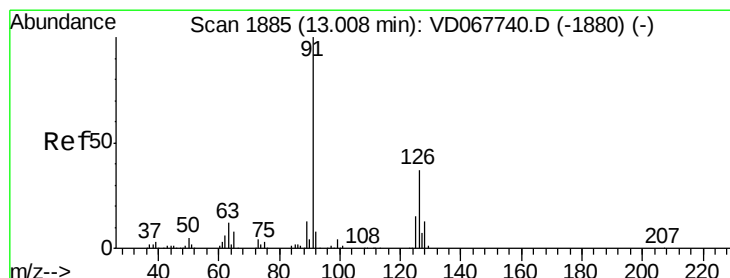
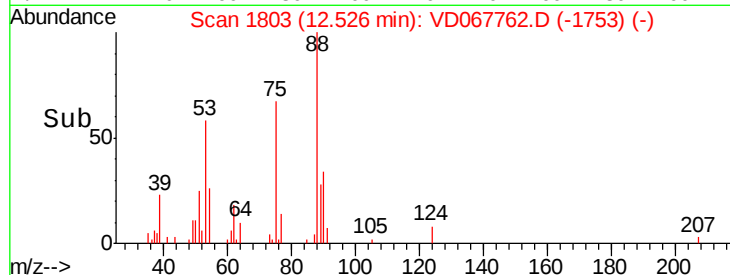
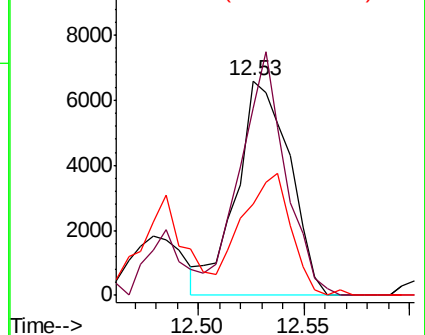
89 52.5 40.2 60.4



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: 21.665 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067762.D

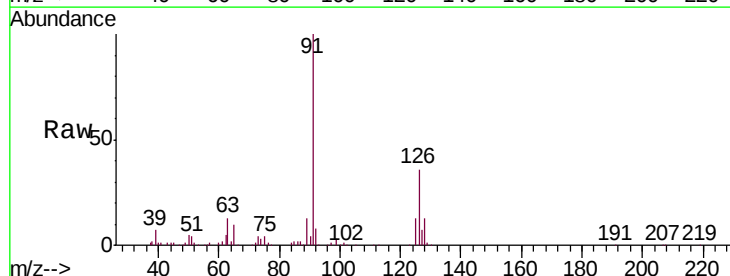
Acq: 24 Nov 2020 12:03

Tgt Ion: 91 Resp: 179691

Ion Ratio Lower Upper

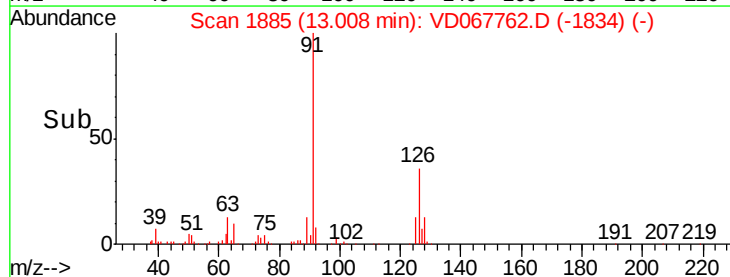
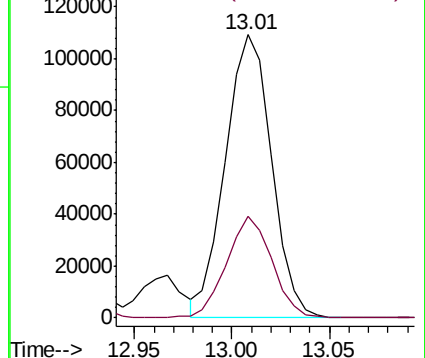
91 100

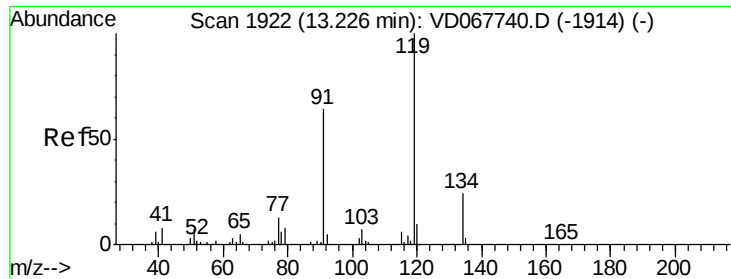
126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

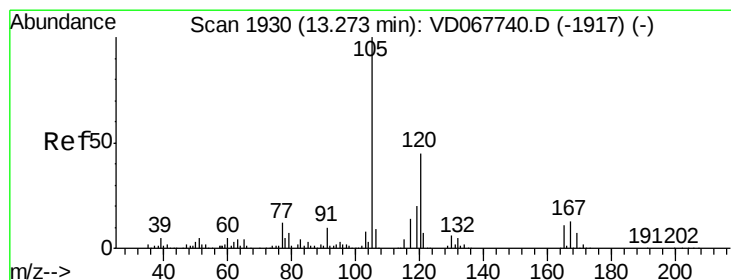
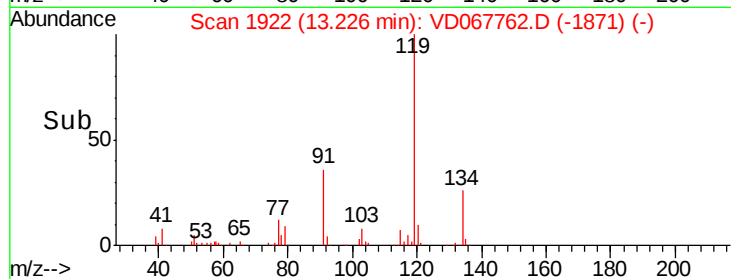
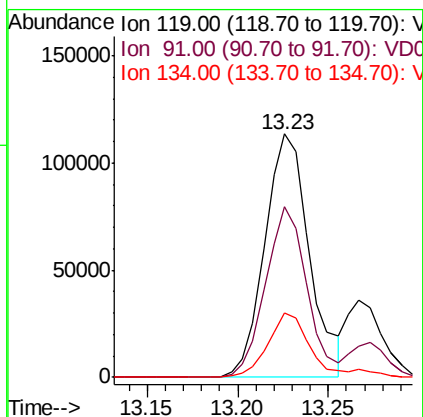
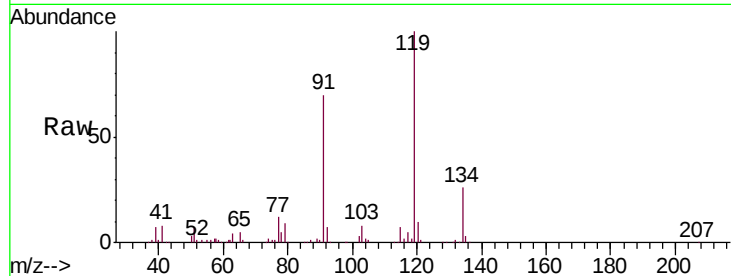




#83
 tert-Butylbenzene
 Concen: 22.077 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

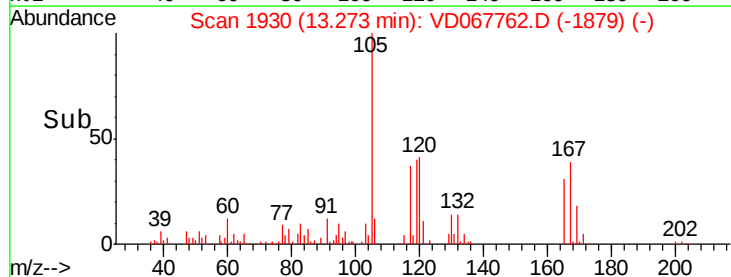
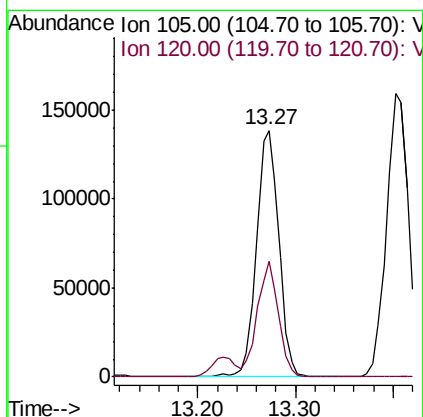
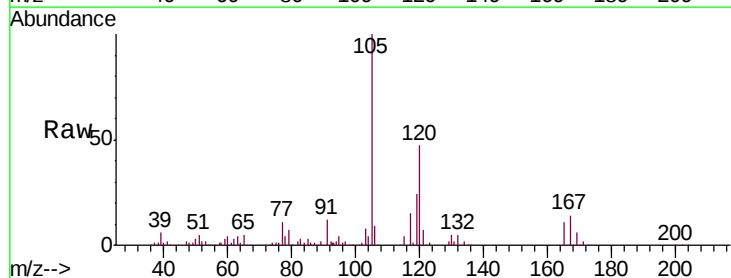
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

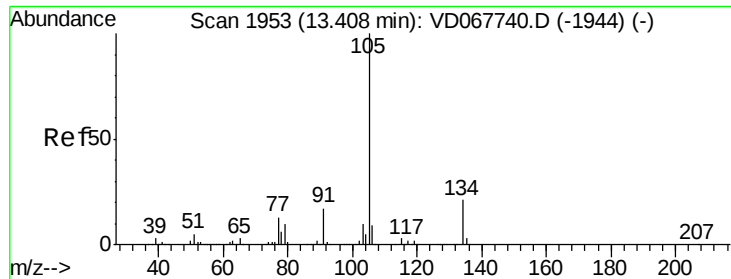
Tgt Ion:119 Resp: 194987
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.9 98.7
 134 24.5 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.867 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion:105 Resp: 224519
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7

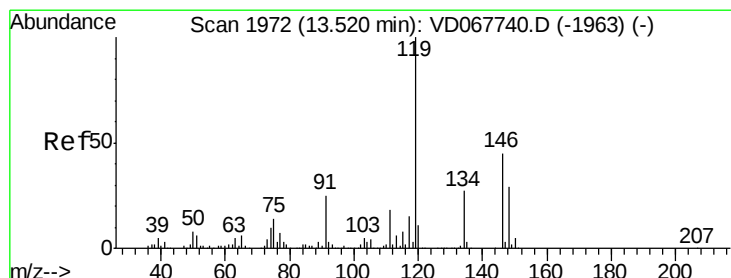
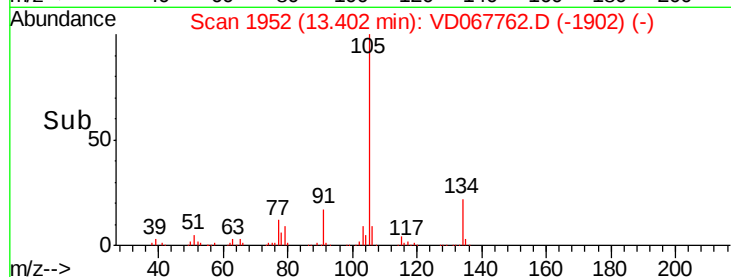
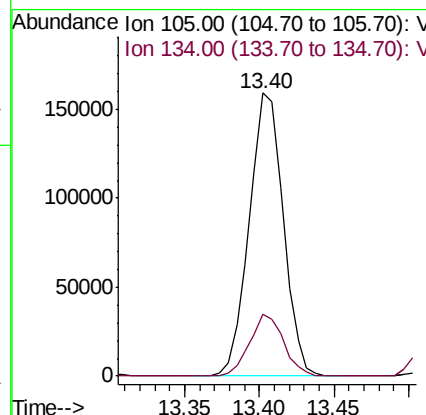
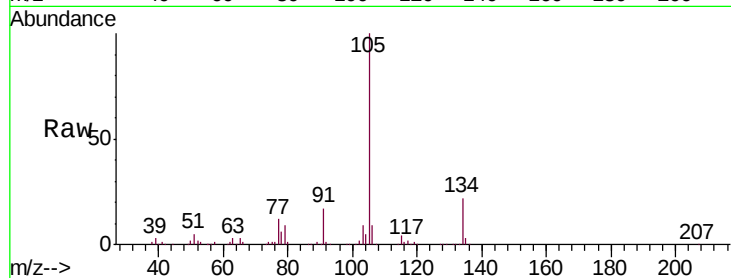




#85
 sec-Butylbenzene
 Concen: 21.605 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

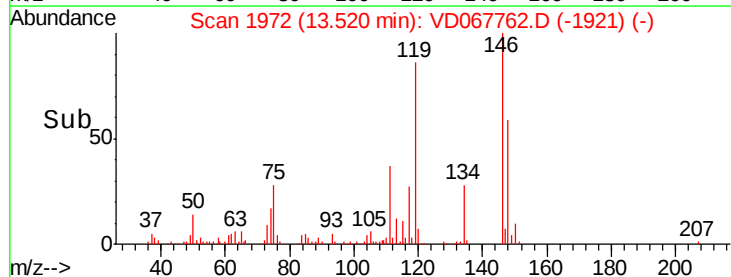
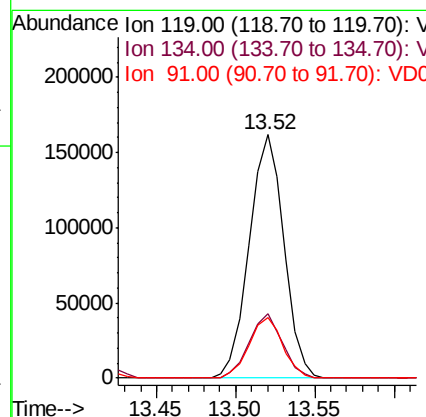
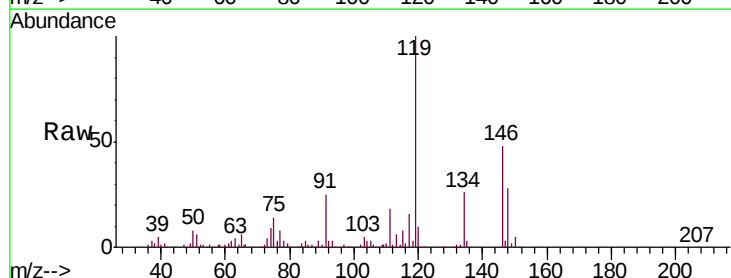
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

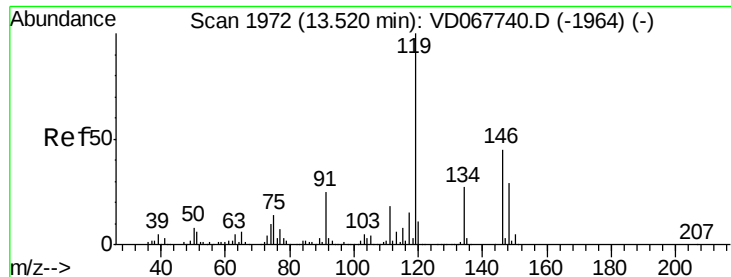
Tgt Ion:105 Resp: 250678
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.885 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion:119 Resp: 245945
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.5 12.7 38.1

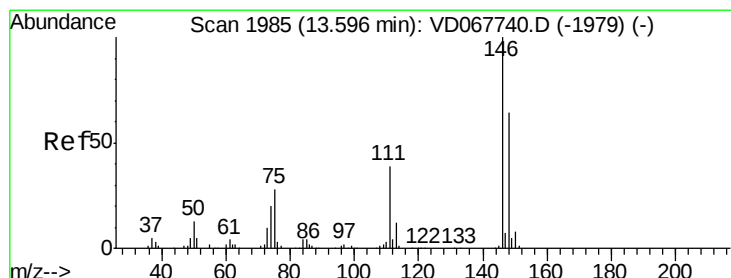
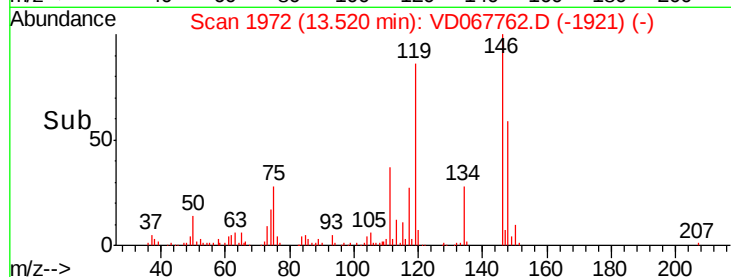
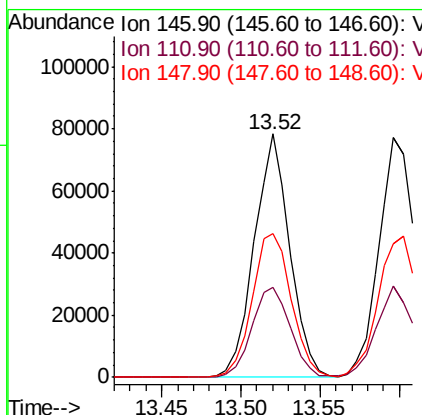
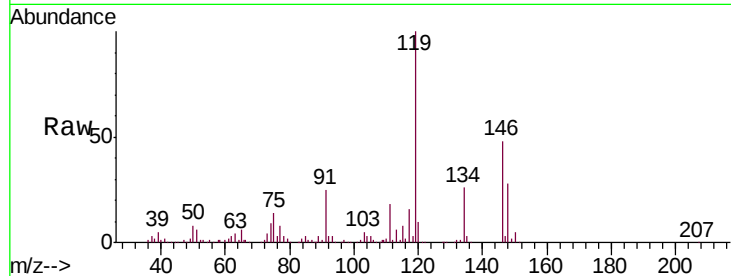




#87
 1,3-Dichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

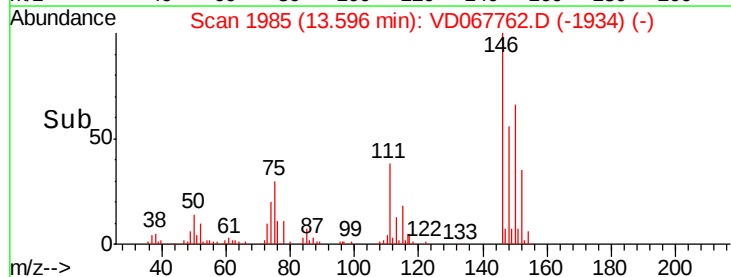
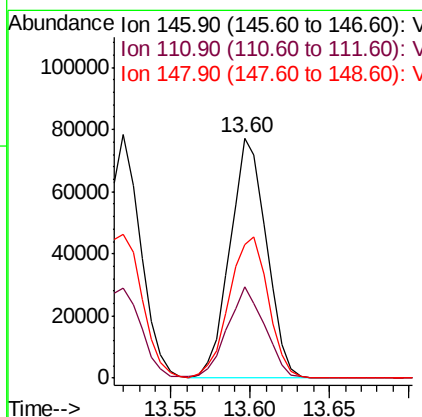
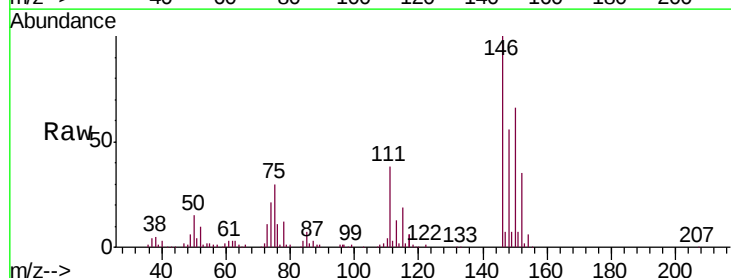
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

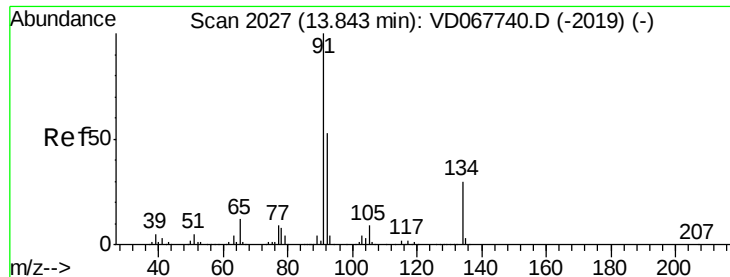
Tgt Ion:146 Resp: 121944
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.6
 148 65.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 21.762 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion:146 Resp: 123413
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.4
 148 63.1 31.6 94.8

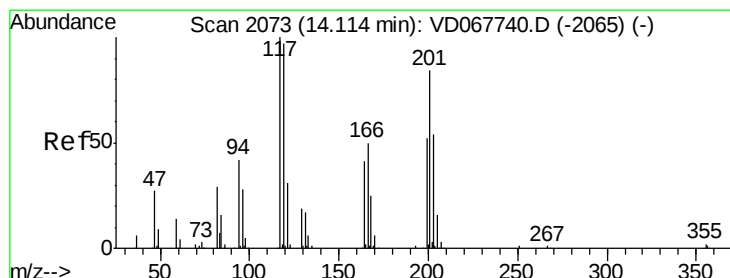
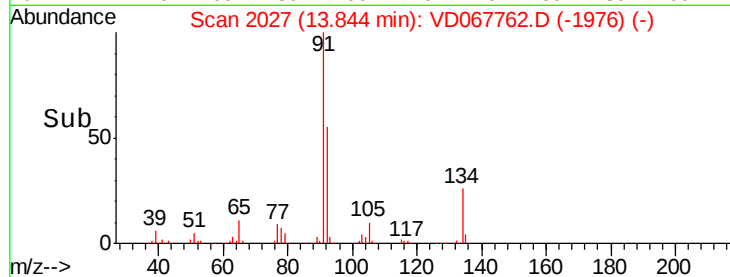
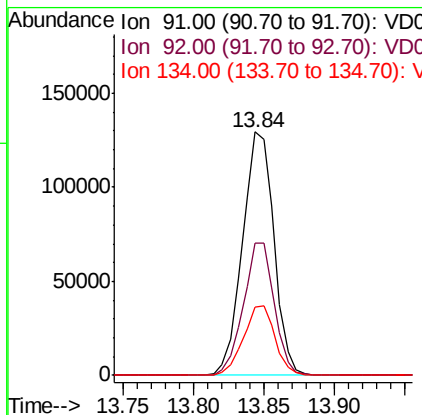
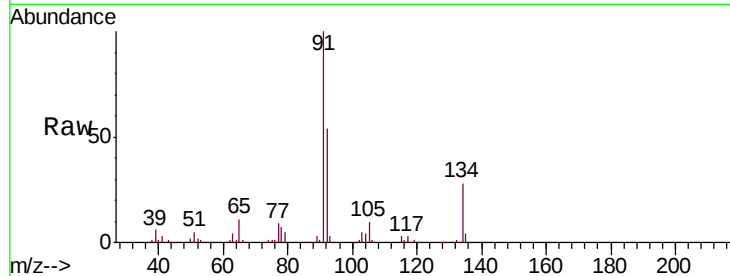




#89
n-Butylbenzene
Concen: 20.963 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

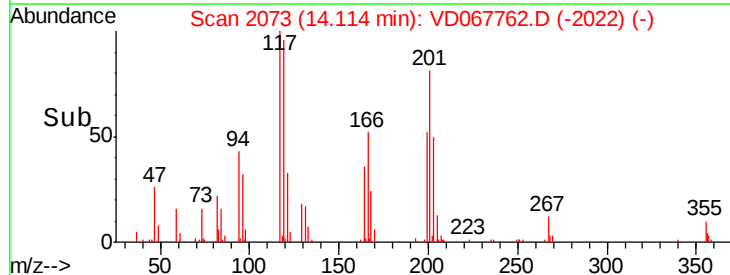
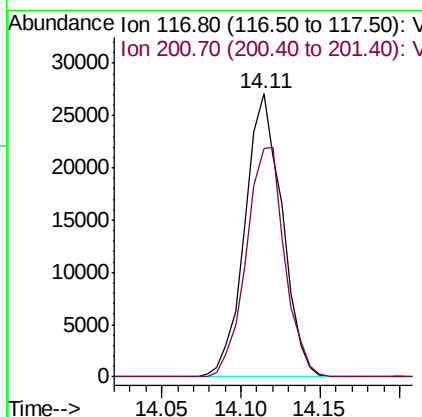
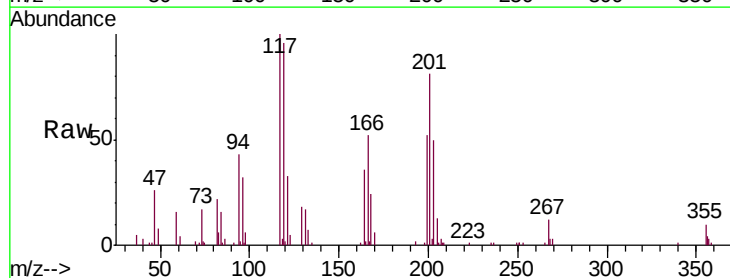
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

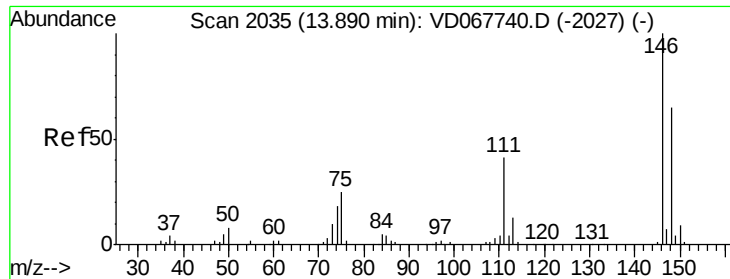
Tgt Ion: 91 Resp: 201884
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 28.6 14.8 44.3



#90
Hexachloroethane
Concen: 20.669 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067762.D
Acq: 24 Nov 2020 12:03

Tgt Ion: 117 Resp: 44218
Ion Ratio Lower Upper
117 100
201 83.9 42.2 126.6

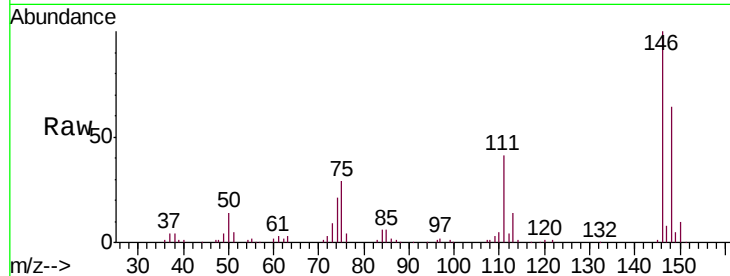




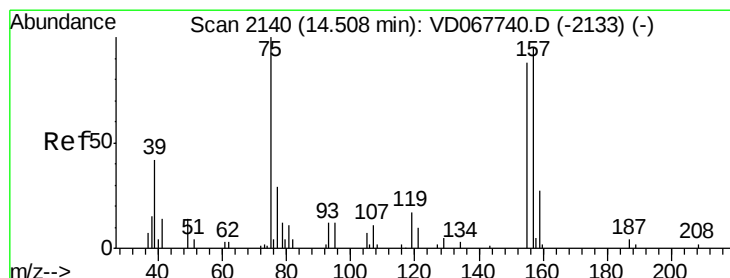
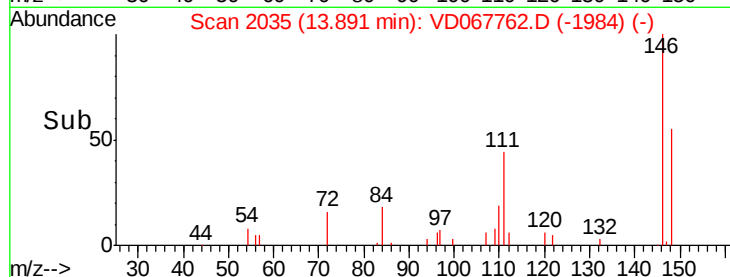
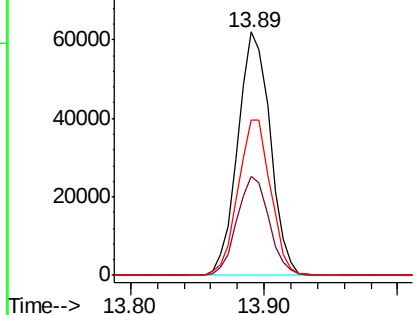
#91
 1,2-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.8	62.5
148	64.1	32.4	97.2

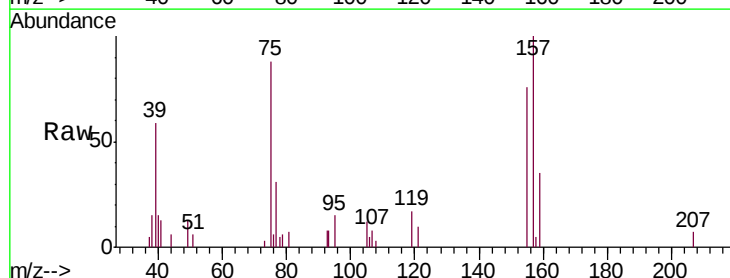


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

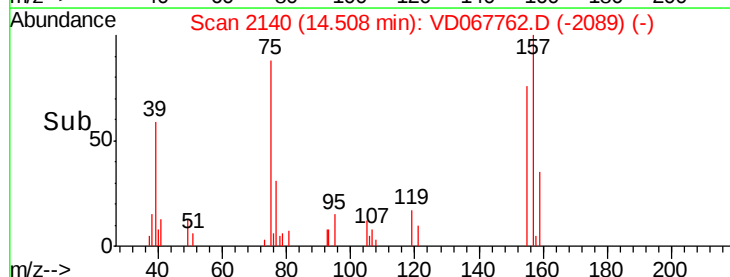
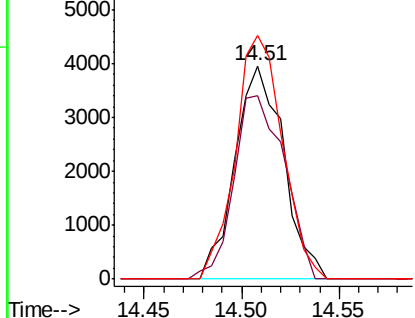


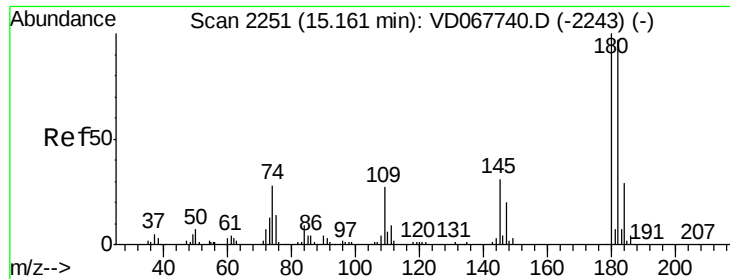
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.923 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	41.0	123.0
157	110.8	51.1	153.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

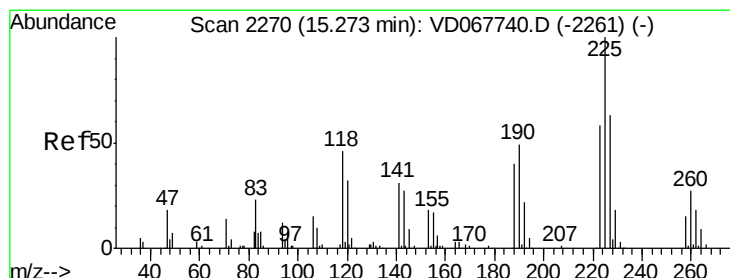
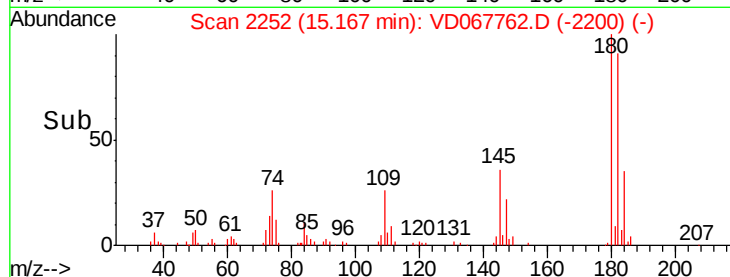
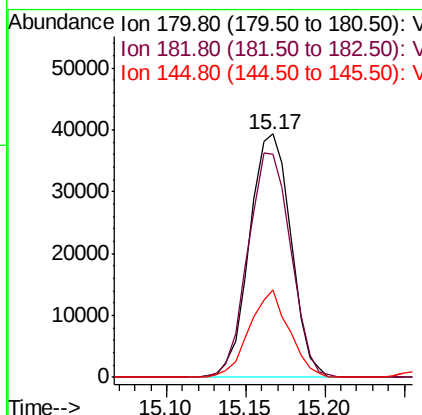
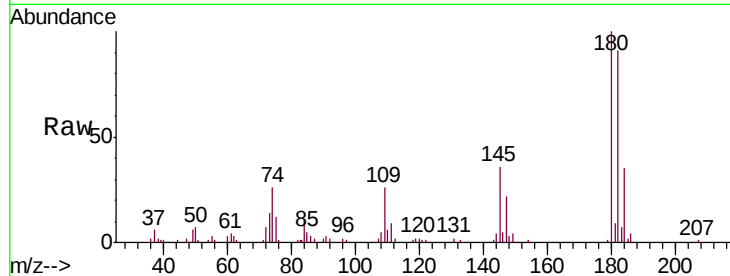




#93
 1,2,4-Trichlorobenzene
 Concen: 20.463 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

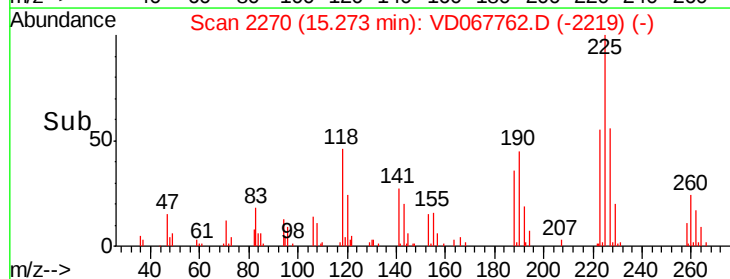
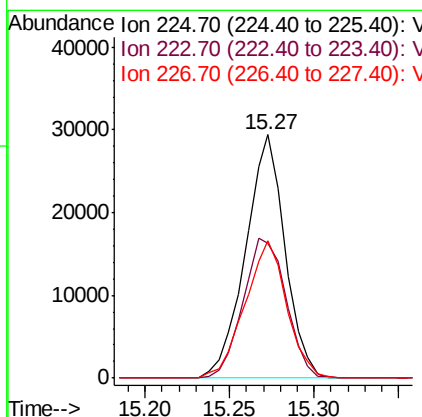
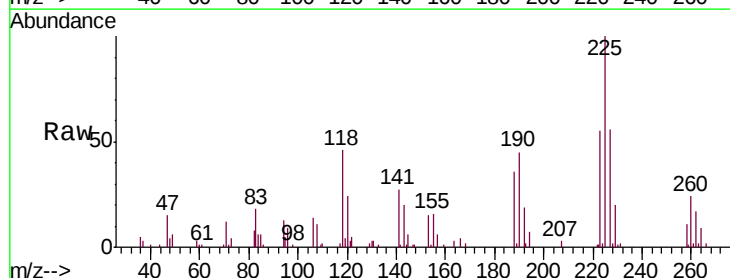
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

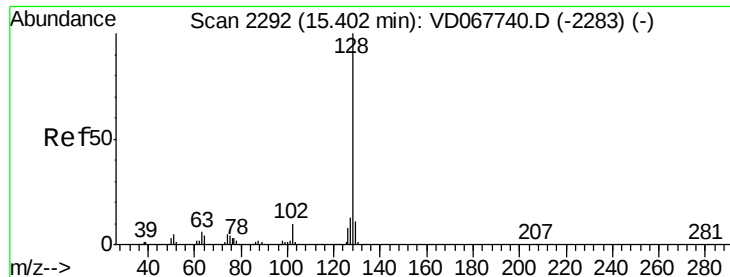
Tgt Ion:180 Resp: 71455
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.2
 145 34.4 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 21.444 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067762.D
 Acq: 24 Nov 2020 12:03

Tgt Ion:225 Resp: 47843
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.5 94.5
 227 59.5 32.9 98.7





#95

Naphthalene

Concen: 20.488 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBSD01

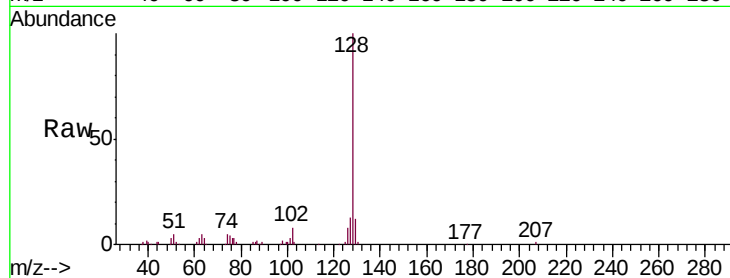
Tgt Ion:128 Resp: 115783

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

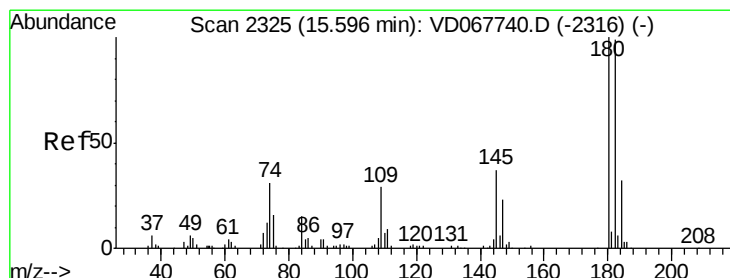
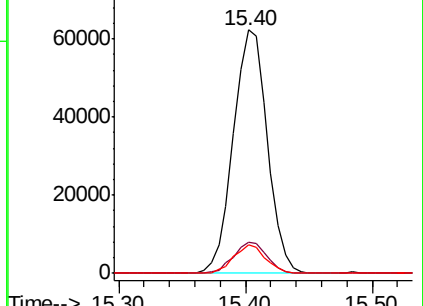
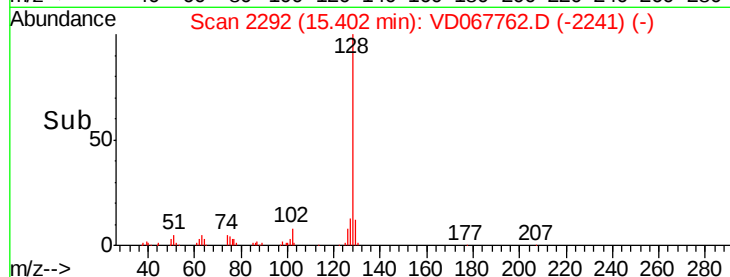
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.680 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067762.D

Acq: 24 Nov 2020 12:03

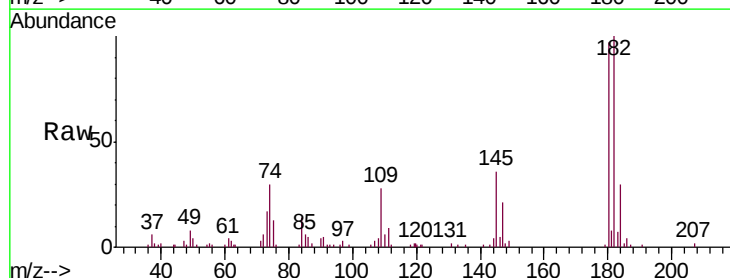
Tgt Ion:180 Resp: 61511

Ion Ratio Lower Upper

180 100

182 98.2 48.0 144.0

145 33.6 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

