

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076493.D
 Acq On : 20 Jun 2023 15:46
 Operator : KP/SY
 Sample : 03289-13
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

Quant Time: Jun 21 06:47:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.857	168	1619	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.787	114	3655	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.581	117	3469	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1457	89.822	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	179.640%	#
35) Dibromofluoromethane	7.799	113	1134	52.226	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	104.460%	
50) Toluene-d8	10.263	98	3392	41.192	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	82.380%	
62) 4-Bromofluorobenzene	12.569	95	1508	56.427	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	112.860%	
Target Compounds						
						Qvalue
3) Chloromethane	2.146	50	232	9.068	ug/l #	30
4) Vinyl Chloride	2.234	62	57	1.997	ug/l #	42
5) Bromomethane	2.705	94	125	6.736	ug/l #	2
6) Chloroethane	2.775	64	54	2.760	ug/l #	43
11) Tert butyl alcohol	4.999	59	57	40.699	ug/l #	73
12) 1,1-Dichloroethene	4.122	96	59	3.983	ug/l #	1
13) Acrolein	3.852	56	73	48.392	ug/l	87
14) Allyl chloride	4.505	41	59	2.178	ug/l #	41
15) Acrylonitrile	5.216	53	61	13.420	ug/l #	18
16) Acetone	3.987	43	77	19.948	ug/l #	32
17) Carbon Disulfide	4.222	76	57	1.408	ug/l #	76
18) Methyl Acetate	4.522	43	121	6.802	ug/l #	42
19) Methyl tert-butyl Ether	5.299	73	75	1.851	ug/l #	55
20) Methylene Chloride	4.787	84	61	Below Cal	#	60
22) Diisopropyl ether	6.199	45	107	1.826	ug/l #	37
23) Vinyl Acetate	6.140	43	63	2.170	ug/l #	63
25) 2-Butanone	7.052	43	127	21.272	ug/l #	37
27) cis-1,2-Dichloroethene	7.081	96	55	2.654	ug/l #	1
28) Bromochloromethane	7.257	49	54	3.851	ug/l #	1
29) Tetrahydrofuran	7.469	42	256	66.723	ug/l #	23
31) Cyclohexane	7.663	56	79	1.804	ug/l #	8
37) Ethyl Acetate	7.152	43	66	3.746	ug/l #	62
39) Methylcyclohexane	9.475	83	66	1.850	ug/l #	37
41) Methacrylonitrile	7.422	41	231	23.217	ug/l #	26
42) 1,2-Dichloroethane	8.187	62	56	2.235	ug/l #	68
43) Isopropyl Acetate	8.404	43	75	2.248	ug/l #	43
45) 1,2-Dichloropropane	9.563	63	66	2.625	ug/l #	44
47) Bromodichloromethane	9.475	83	66	2.048	ug/l #	25
48) Methyl methacrylate	9.375	41	135	8.830	ug/l #	18
51) 4-Methyl-2-Pentanone	10.175	43	71	4.164	ug/l #	28
53) t-1,3-Dichloropropene	10.716	75	59	1.804	ug/l #	43
54) cis-1,3-Dichloropropene	10.040	75	66	1.702	ug/l #	45
55) 1,1,2-Trichloroethane	10.740	97	61	3.238	ug/l #	16
56) Ethyl methacrylate	10.798	69	127	5.163	ug/l #	1
59) 2-Hexanone	10.740	43	60	5.059	ug/l	58
67) Ethyl Benzene	11.681	91	145	1.242	ug/l #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076493.D
Acq On : 20 Jun 2023 15:46
Operator : KP/SY
Sample : 03289-13
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

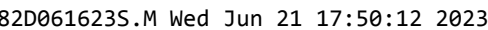
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

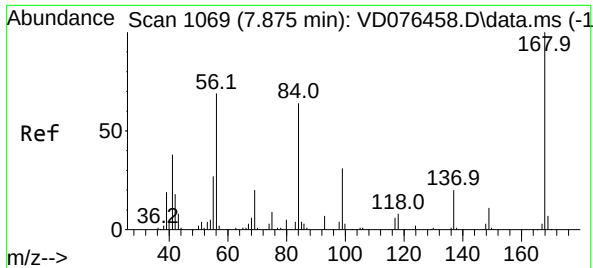
Quant Time: Jun 21 06:47:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.228	43	89	2.911	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.722	83	60	2.784	ug/l #	25
76) 1,2,3-Trichloropropane	12.769	75	89	5.782	ug/l #	100
79) 2-Chlorotoluene	12.845	91	123	1.737	ug/l #	36
81) trans-1,4-Dichloro-2-b...	12.581	75	667	94.947	ug/l #	17

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

Quant Time: Jun 21 06:47:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

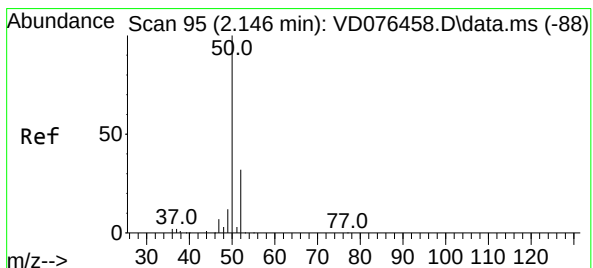
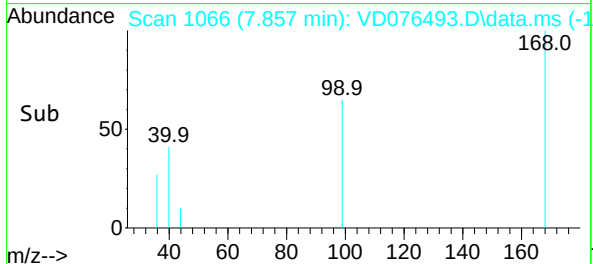
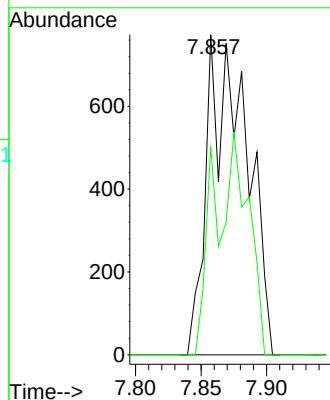
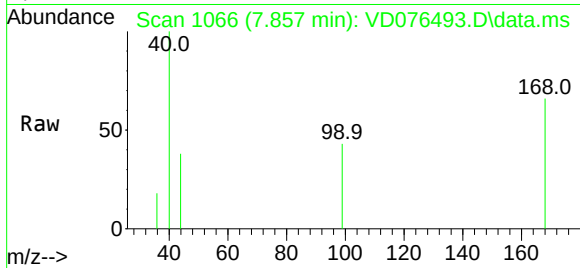




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.857 min Scan# 10
Delta R.T. -0.018 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

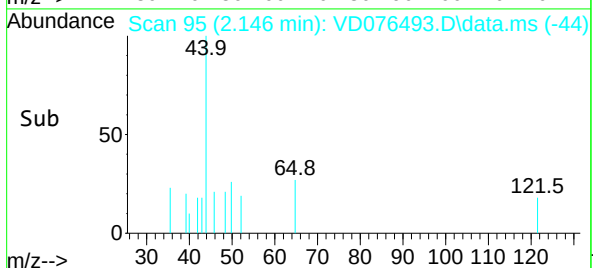
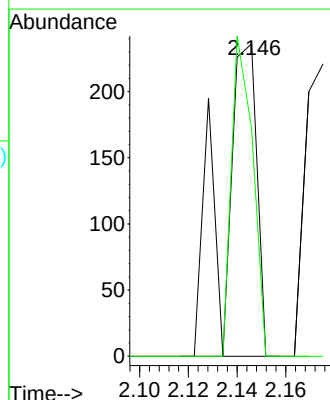
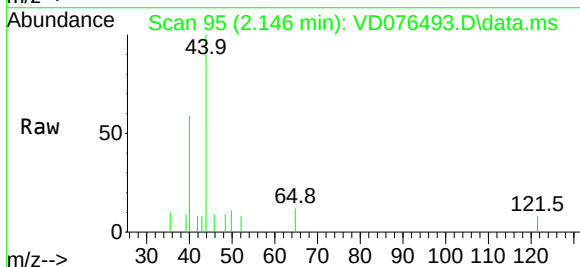
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

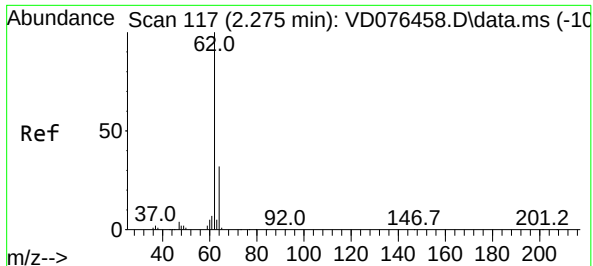
Tgt Ion:168 Resp: 1619
Ion Ratio Lower Upper
168 100
99 65.1 36.7 55.1#



#3
Chloromethane
Concen: 9.068 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 72.9 26.6 40.0#

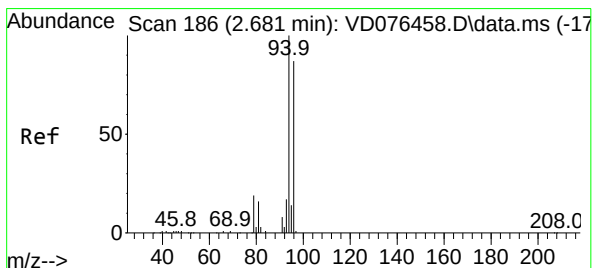
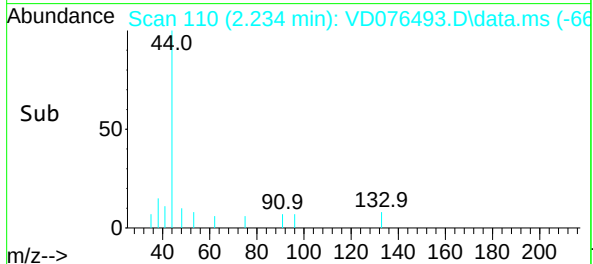
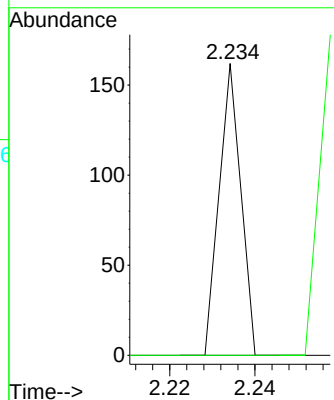
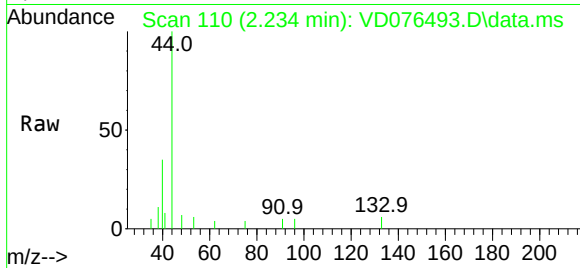




#4
 Vinyl Chloride
 Concen: 1.997 ug/l
 RT: 2.234 min Scan# 11
 Delta R.T. -0.041 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

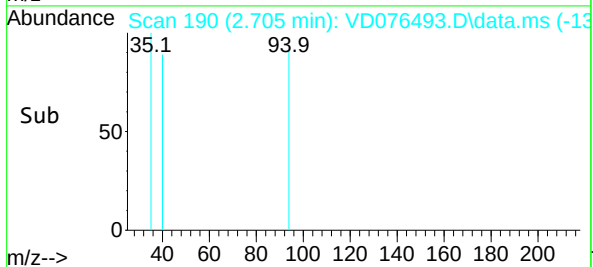
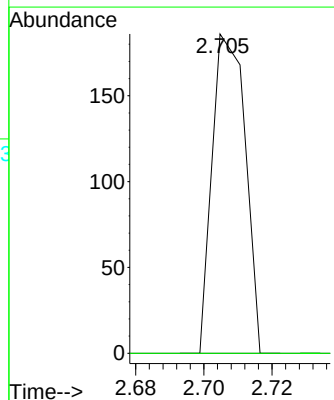
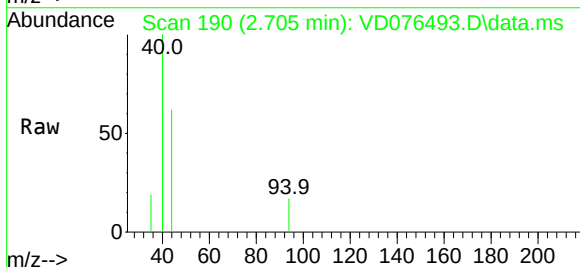
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

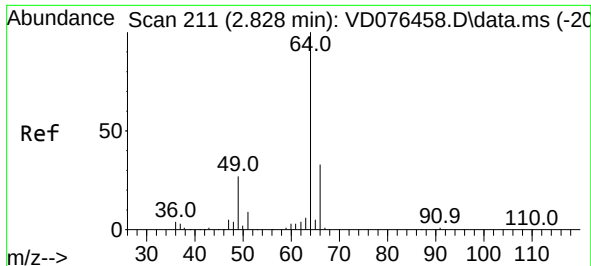
Tgt Ion: 62 Resp: 57
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#5
 Bromomethane
 Concen: 6.736 ug/l
 RT: 2.705 min Scan# 190
 Delta R.T. 0.023 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

Tgt Ion: 94 Resp: 125
 Ion Ratio Lower Upper
 94 100
 96 0.0 75.8 113.8#

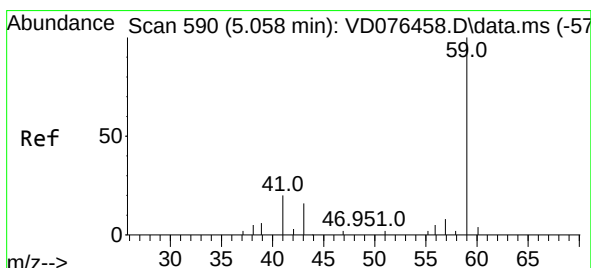
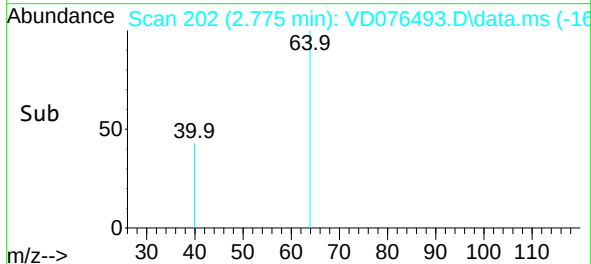
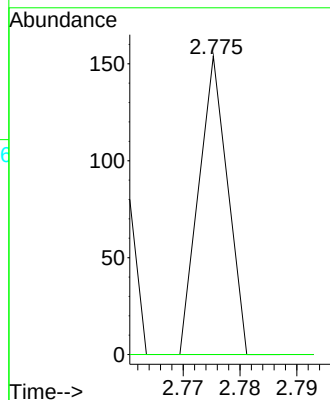
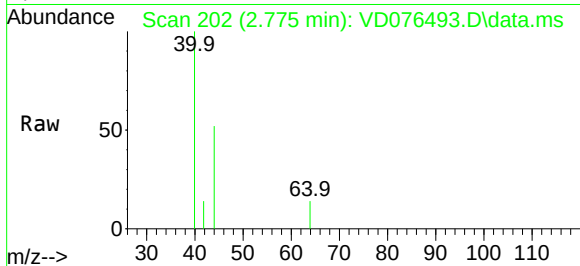




#6
Chloroethane
Concen: 2.760 ug/l
RT: 2.775 min Scan# 20
Delta R.T. -0.053 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

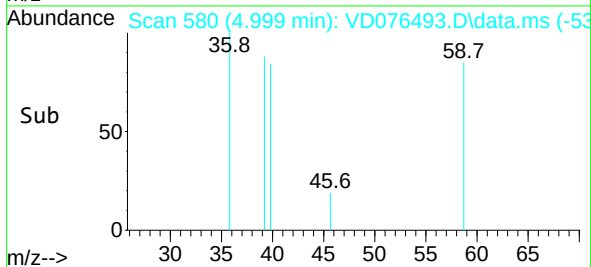
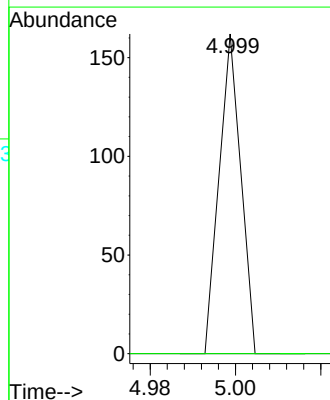
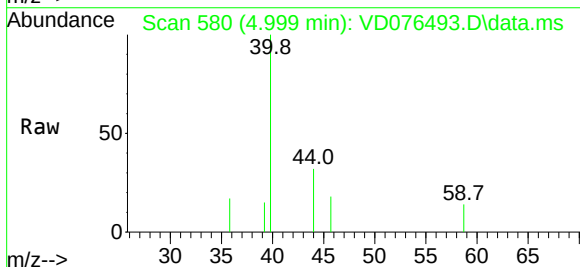
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

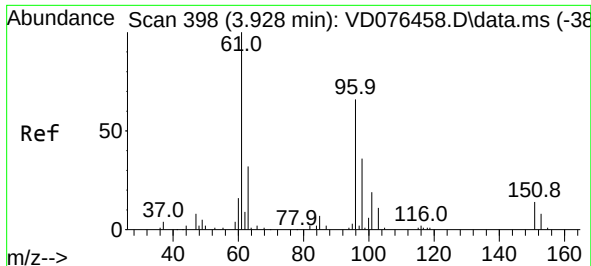
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#11
Tert butyl alcohol
Concen: 40.699 ug/l
RT: 4.999 min Scan# 580
Delta R.T. -0.059 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 3.983 ug/l

RT: 4.122 min Scan# 41

Delta R.T. 0.194 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05-12.0-14.0

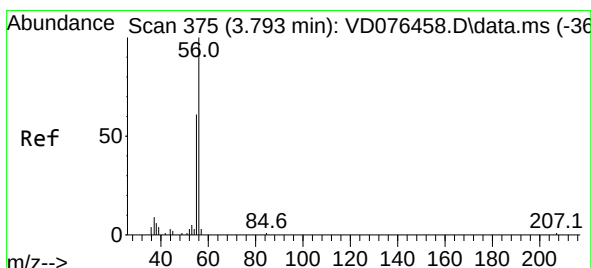
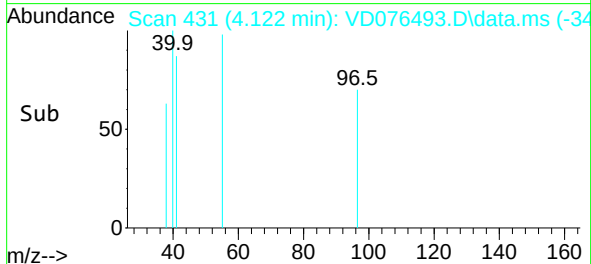
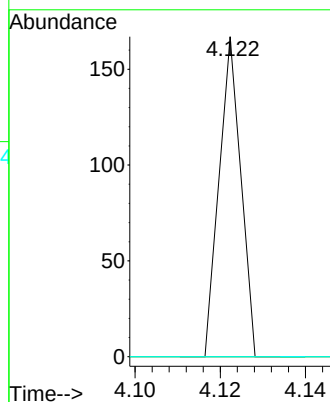
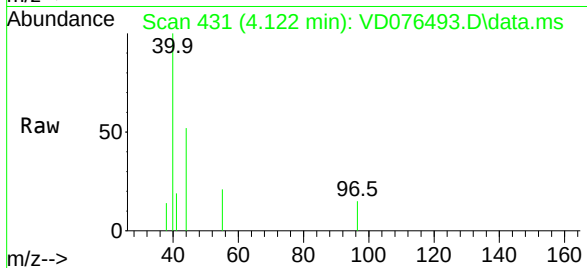
Tgt Ion: 96 Resp: 59

Ion Ratio Lower Upper

96 100

61 0.0 100.6 150.8#

98 0.0 50.2 75.2#



#13

Acrolein

Concen: 48.392 ug/l

RT: 3.852 min Scan# 385

Delta R.T. 0.059 min

Lab File: VD076493.D

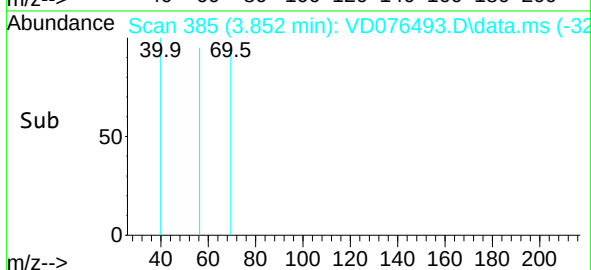
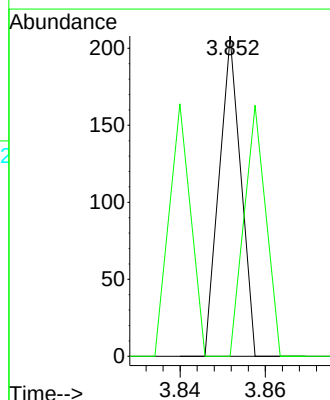
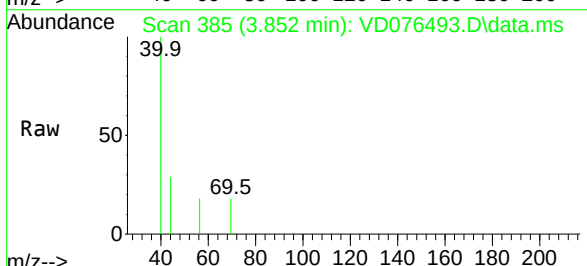
Acq: 20 Jun 2023 15:46

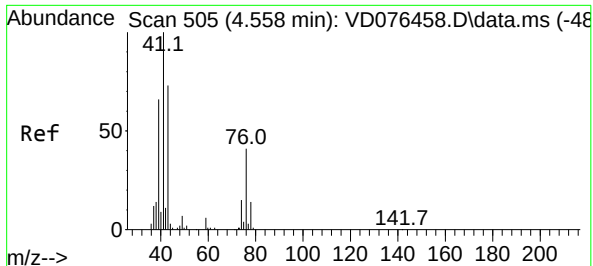
Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

55 79.5 55.1 82.7

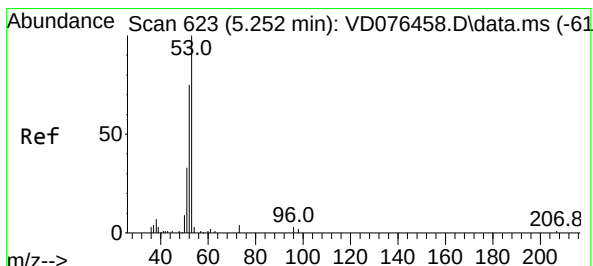
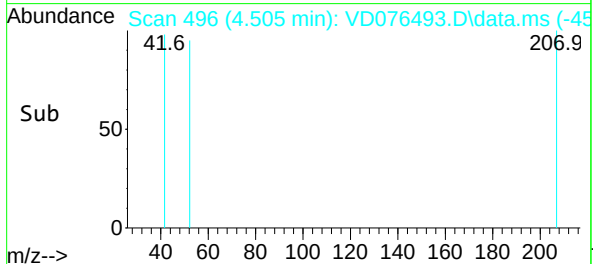
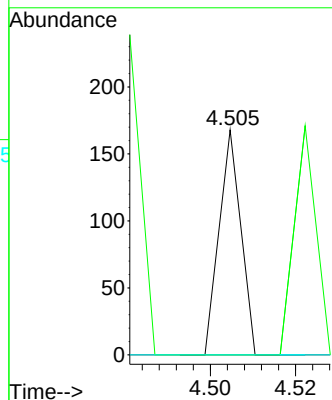
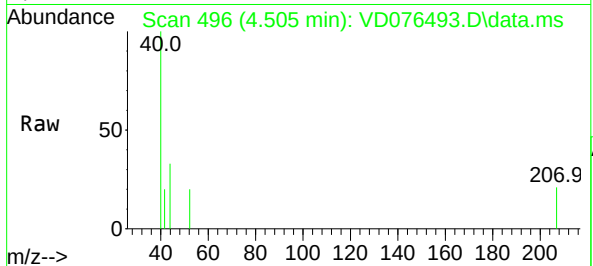




#14
 Allyl chloride
 Concen: 2.178 ug/l
 RT: 4.505 min Scan# 496
 Delta R.T. -0.053 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

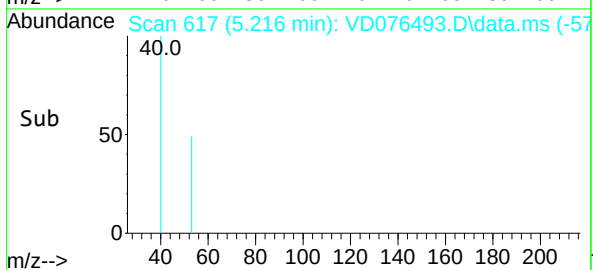
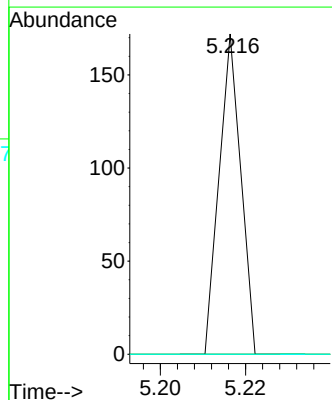
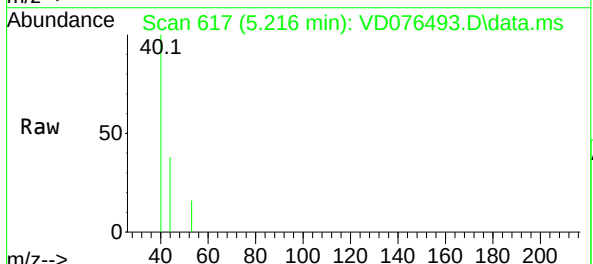
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

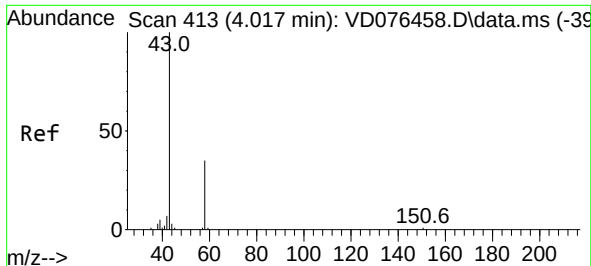
Tgt Ion: 41	Resp: 59
Ion Ratio	Lower Upper
41 100	
39 101.7	53.8 80.6#
76 0.0	45.8 68.8#



#15
 Acrylonitrile
 Concen: 13.420 ug/l
 RT: 5.216 min Scan# 617
 Delta R.T. -0.035 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

Tgt Ion: 53	Resp: 61
Ion Ratio	Lower Upper
53 100	
52 0.0	65.0 97.4#
51 0.0	28.3 42.5#

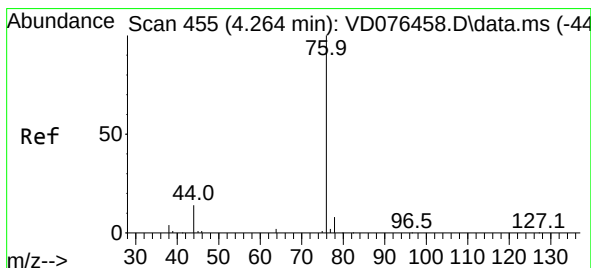
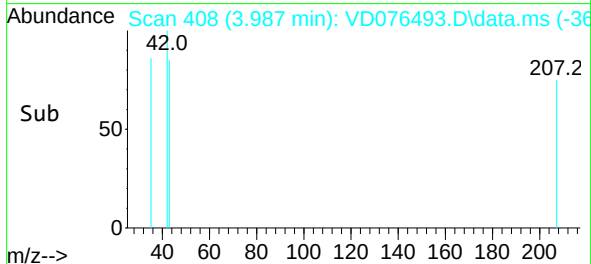
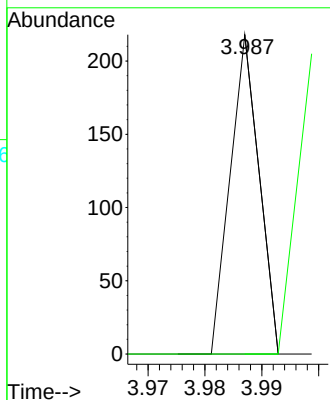
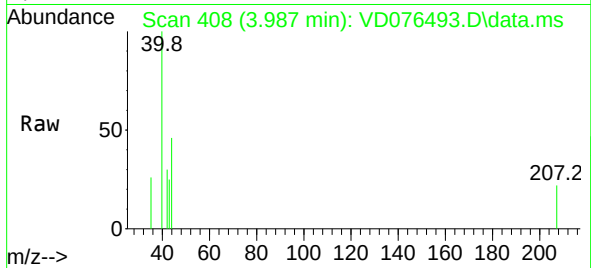




#16
Acetone
Concen: 19.948 ug/l
RT: 3.987 min Scan# 408
Delta R.T. -0.030 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

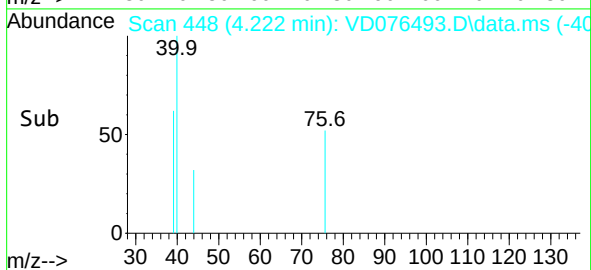
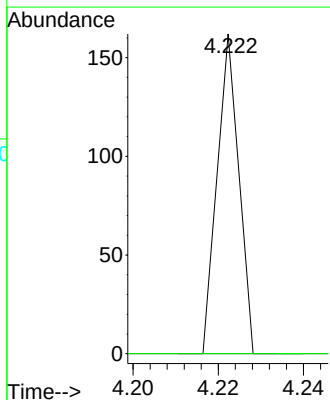
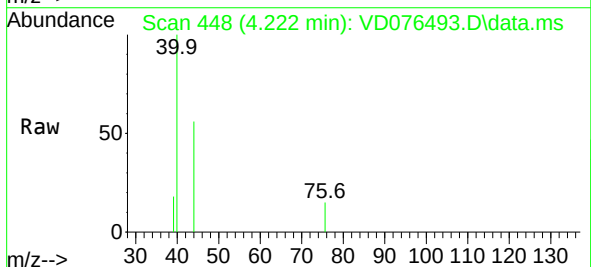
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

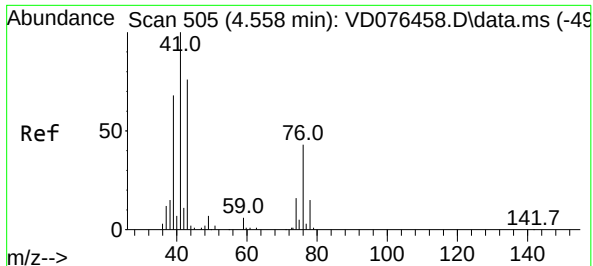
Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.408 ug/l
RT: 4.222 min Scan# 448
Delta R.T. -0.041 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#





#18

Methyl Acetate

Concen: 6.802 ug/l

RT: 4.522 min Scan# 499

Delta R.T. -0.035 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

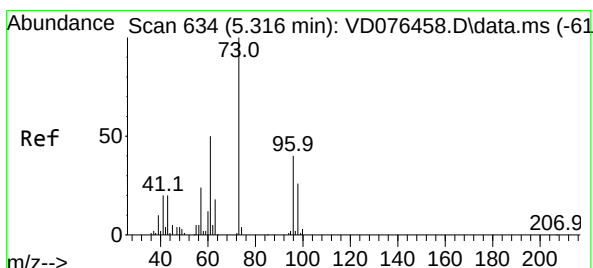
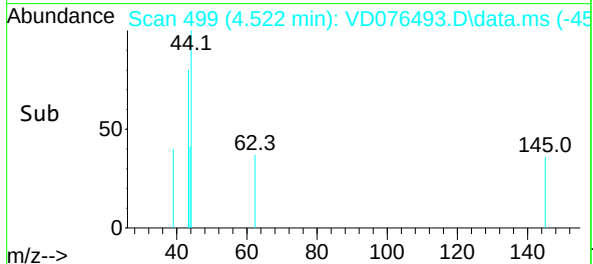
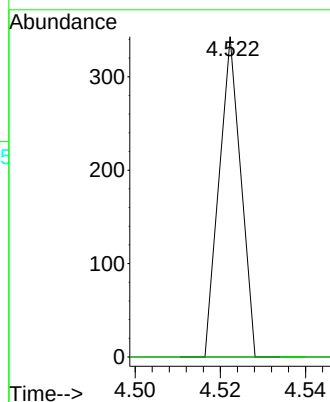
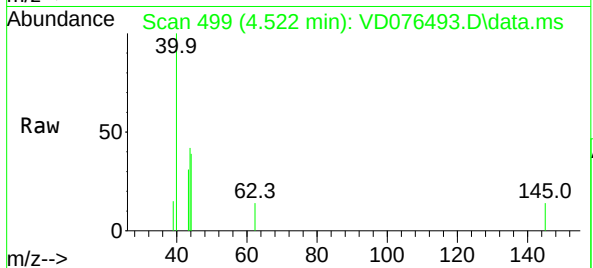
SB-05-12.0-14.0

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

74 0.0 26.4 39.6#



#19

Methyl tert-butyl Ether

Concen: 1.851 ug/l

RT: 5.299 min Scan# 631

Delta R.T. -0.018 min

Lab File: VD076493.D

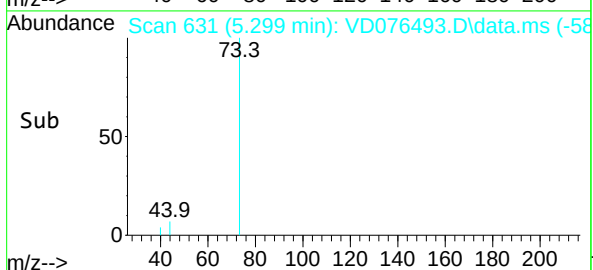
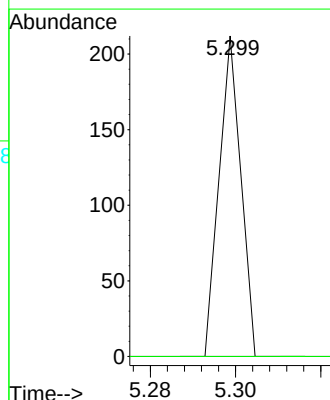
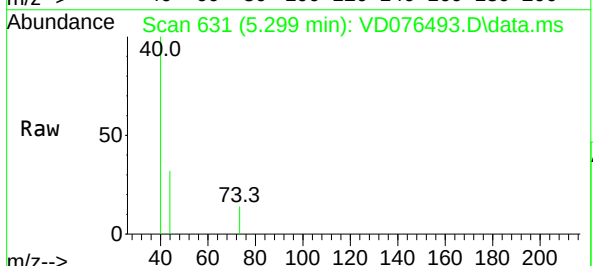
Acq: 20 Jun 2023 15:46

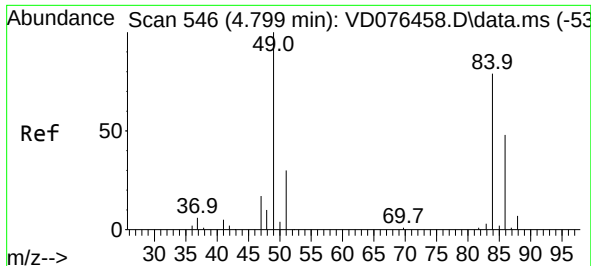
Tgt Ion: 73 Resp: 75

Ion Ratio Lower Upper

73 100

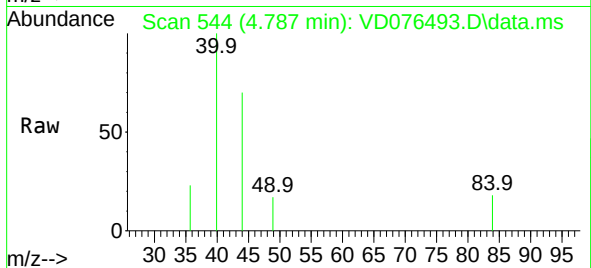
57 0.0 16.6 25.0#





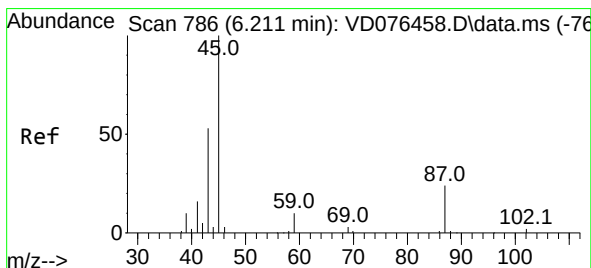
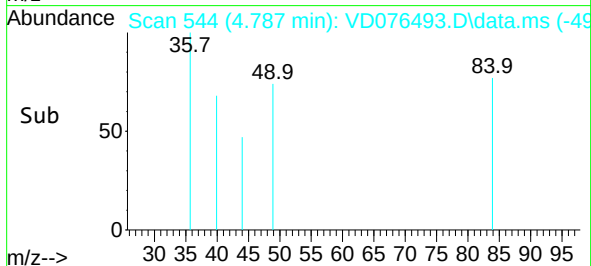
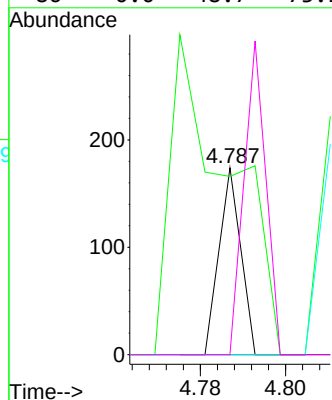
#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0



Tgt Ion: 84 Resp: 61

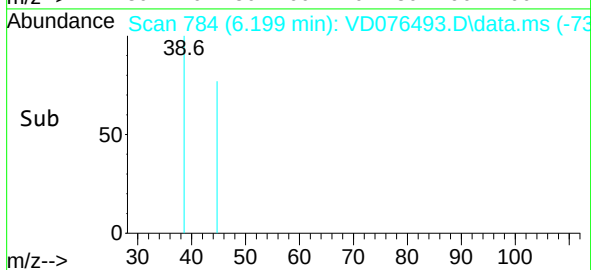
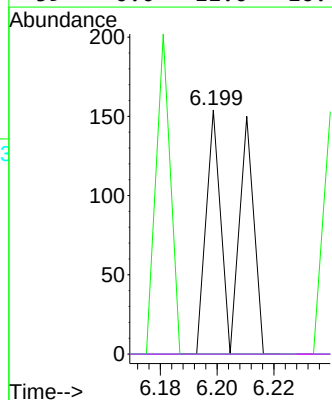
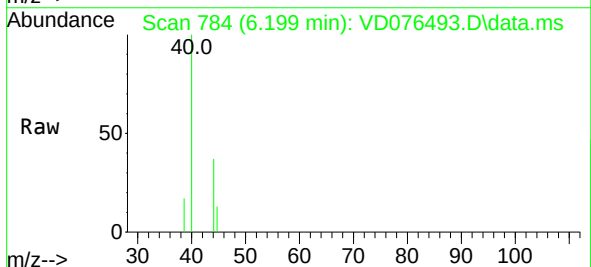
Ion	Ratio	Lower	Upper
84	100		
49	95.4	71.4	107.2
51	0.0	24.5	36.7#
86	0.0	48.7	73.1#

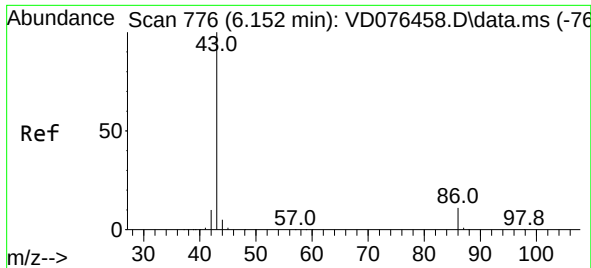


#22
Diisopropyl ether
Concen: 1.826 ug/l
RT: 6.199 min Scan# 784
Delta R.T. -0.012 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 45 Resp: 107

Ion	Ratio	Lower	Upper
45	100		
43	0.0	40.0	60.0#
87	0.0	28.2	42.4#
59	0.0	11.0	16.4#

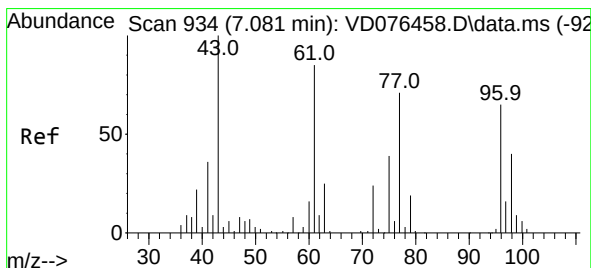
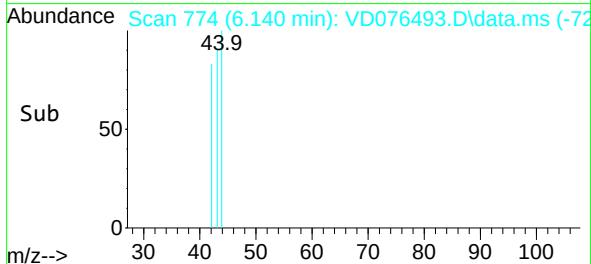
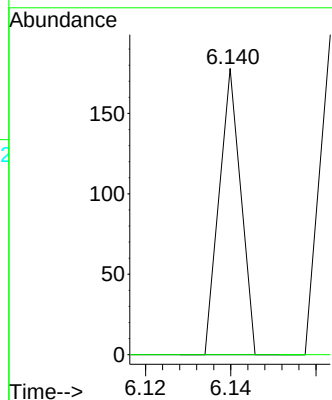
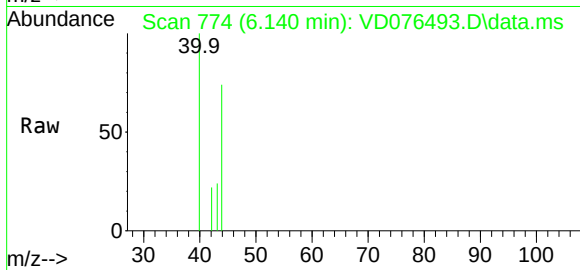




#23
 Vinyl Acetate
 Concen: 2.170 ug/l
 RT: 6.140 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

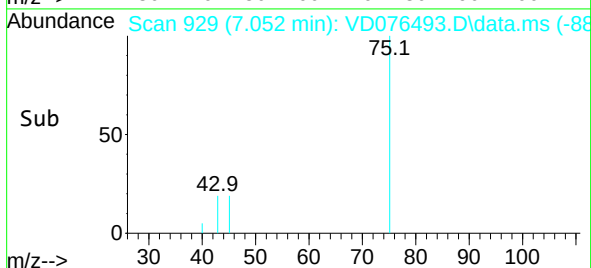
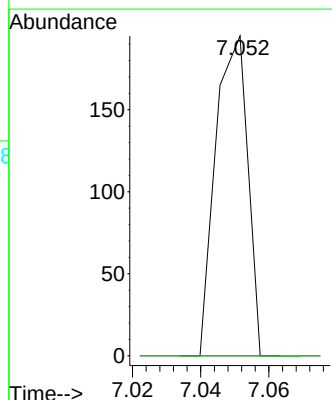
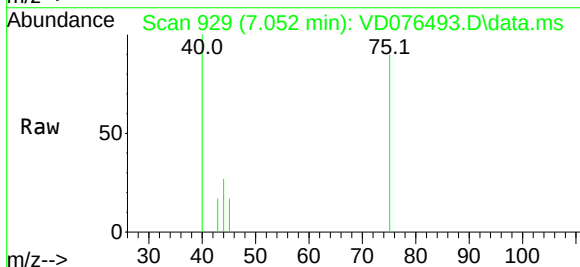
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

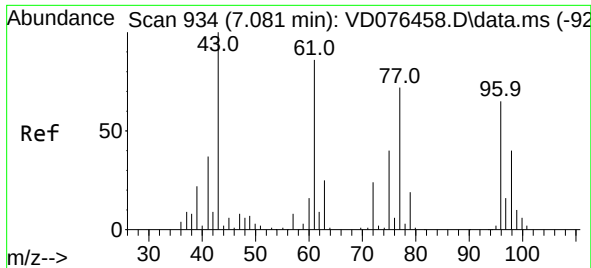
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: 21.272 ug/l
 RT: 7.052 min Scan# 929
 Delta R.T. -0.030 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

Tgt Ion: 43 Resp: 127
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#

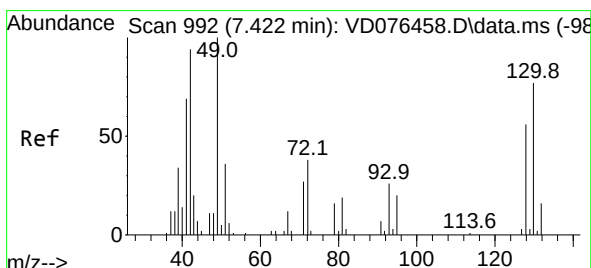
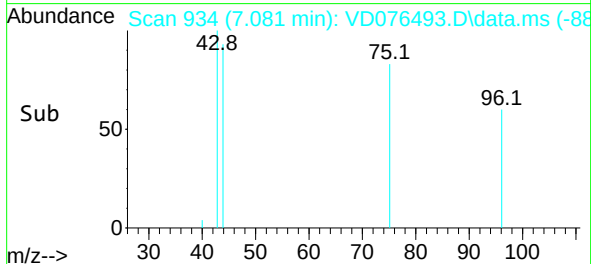
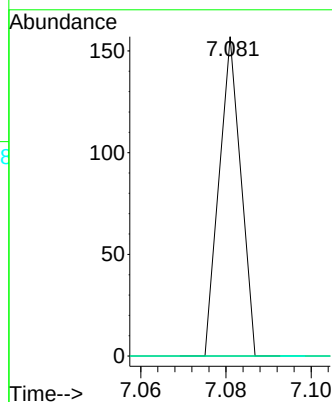
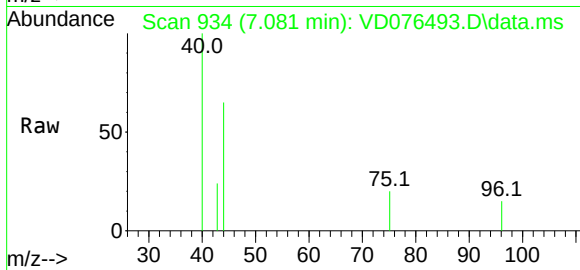




#27
 cis-1,2-Dichloroethene
 Concen: 2.654 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

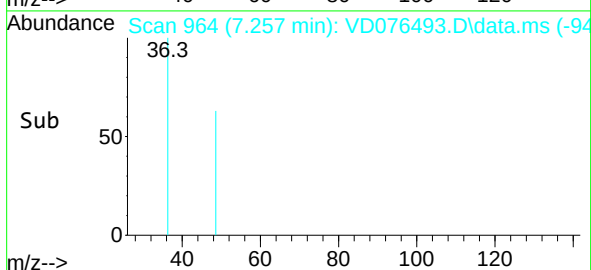
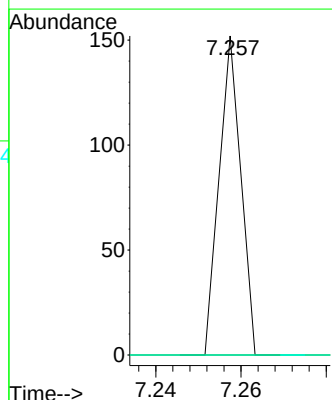
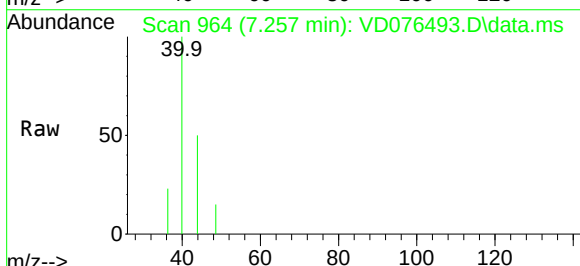
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

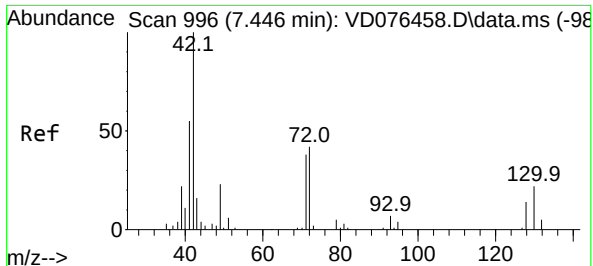
Tgt Ion: 96	Resp:	55	
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	239.2
98	0.0	0.0	128.6



#28
 Bromochloromethane
 Concen: 3.851 ug/l
 RT: 7.257 min Scan# 964
 Delta R.T. -0.165 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

Tgt Ion: 49	Resp: 54
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 6.0
130 0.0	83.2 124.8#





#29

Tetrahydrofuran

Concen: 66.723 ug/l

RT: 7.469 min Scan# 1000

Delta R.T. 0.023 min

Lab File: VD076493.D

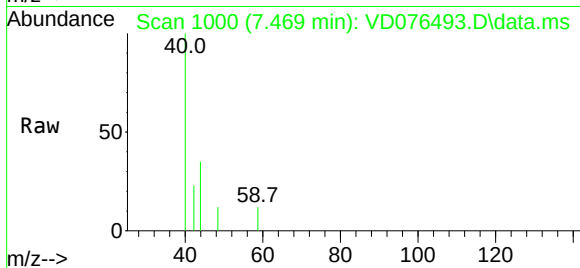
Acq: 20 Jun 2023 15:46

Instrument :

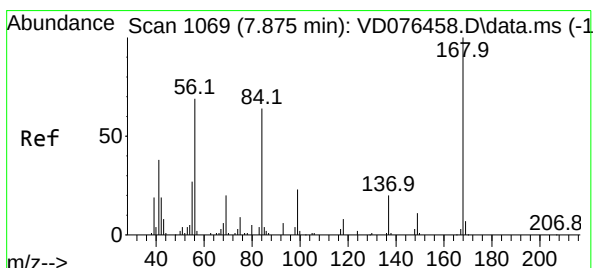
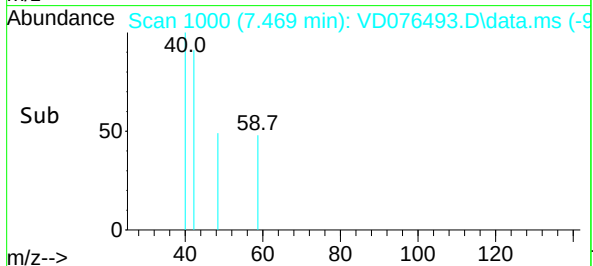
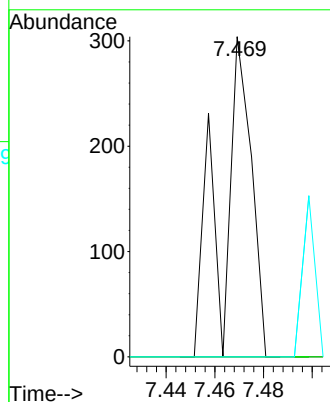
MSVOA_D

ClientSampleId :

SB-05-12.0-14.0



Tgt Ion:	42	Resp:	256
Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



#31

Cyclohexane

Concen: 1.804 ug/l

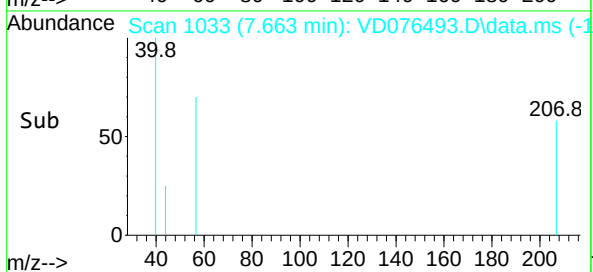
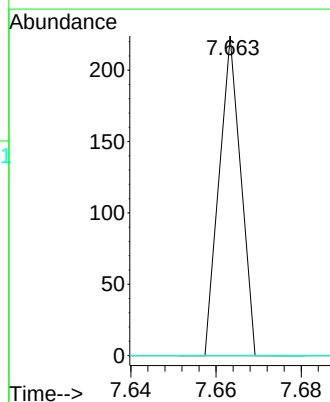
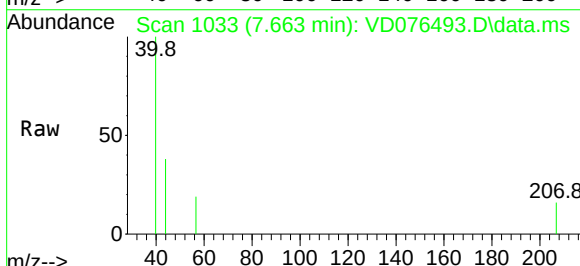
RT: 7.663 min Scan# 1033

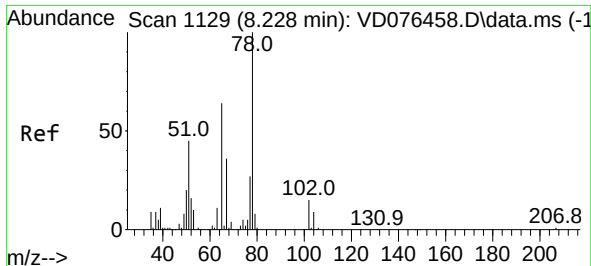
Delta R.T. -0.212 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Tgt Ion:	56	Resp:	79
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.6	43.0#
84	0.0	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 89.822 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

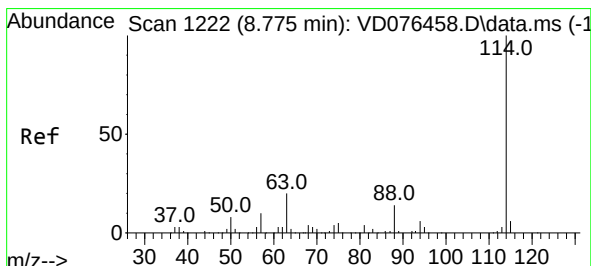
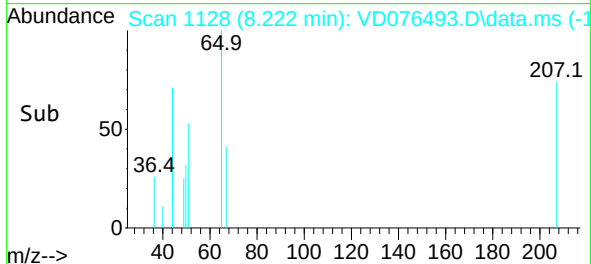
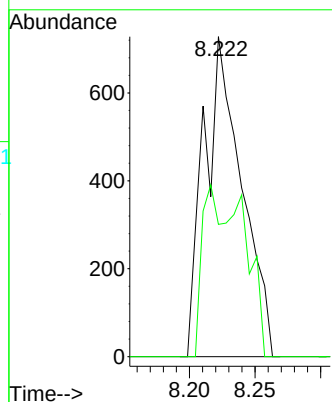
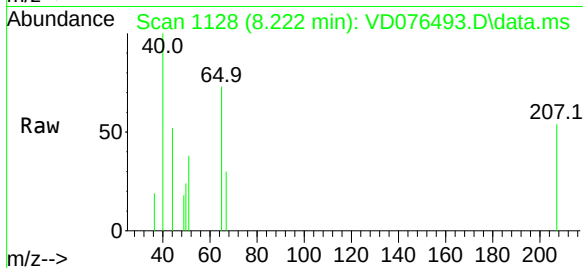
SB-05-12.0-14.0

Tgt Ion: 65 Resp: 1457

Ion Ratio Lower Upper

65 100

67 32.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.787 min Scan# 1224

Delta R.T. 0.012 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

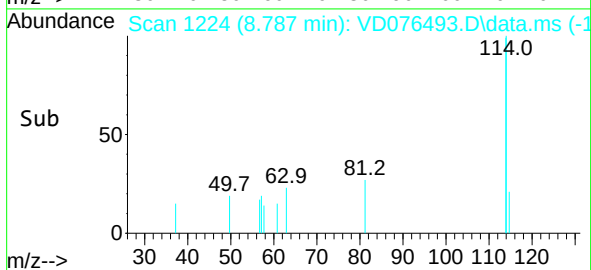
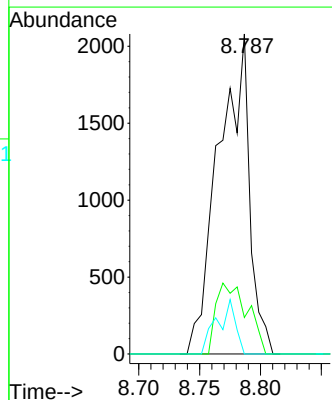
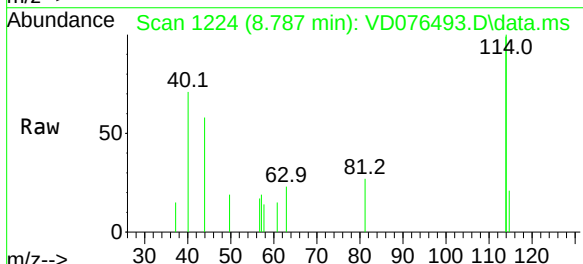
Tgt Ion: 114 Resp: 3655

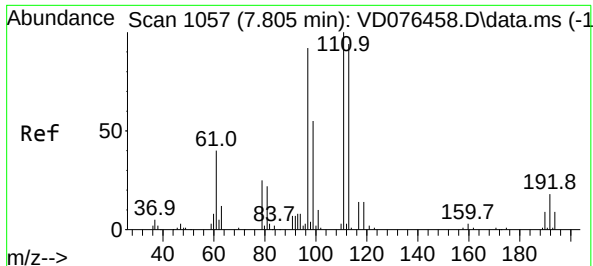
Ion Ratio Lower Upper

114 100

63 11.4 0.0 33.4

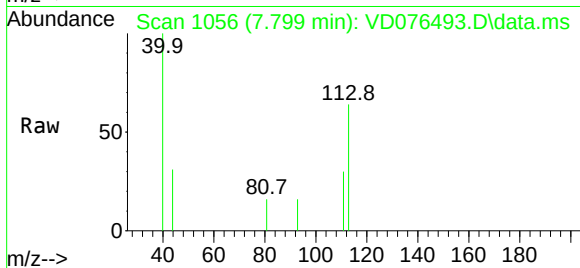
88 0.0 0.0 26.2



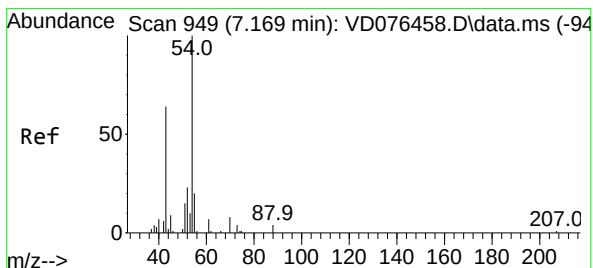
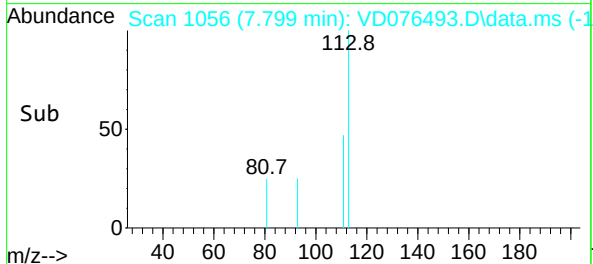
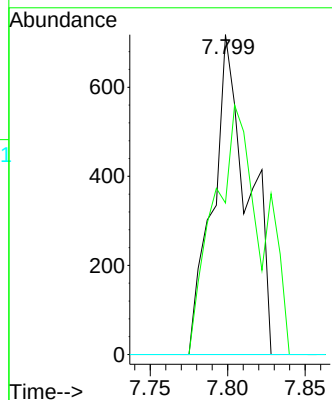


#35
Dibromofluoromethane
Concen: 52.226 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

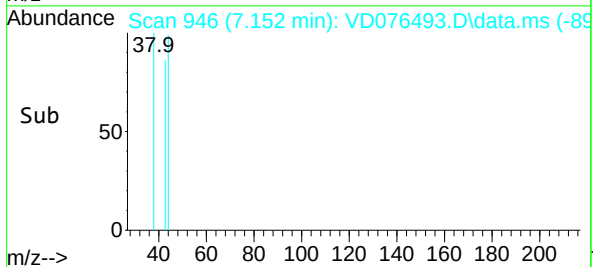
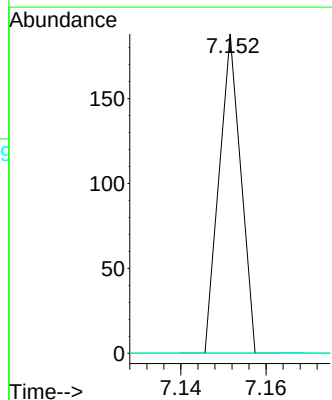
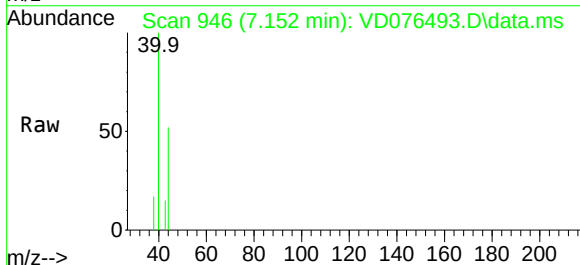


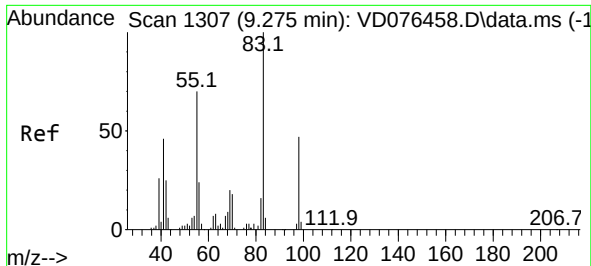
Tgt Ion:113 Resp: 1134
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 0.0 16.8 25.2#



#37
Ethyl Acetate
Concen: 3.746 ug/l
RT: 7.152 min Scan# 946
Delta R.T. -0.018 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#





#39

Methylcyclohexane

Concen: 1.850 ug/l

RT: 9.475 min Scan# 11

Delta R.T. 0.200 min

Lab File: VD076493.D

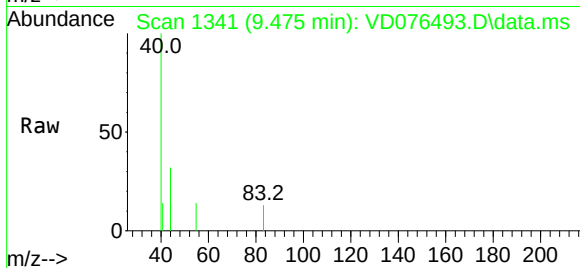
Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05-12.0-14.0



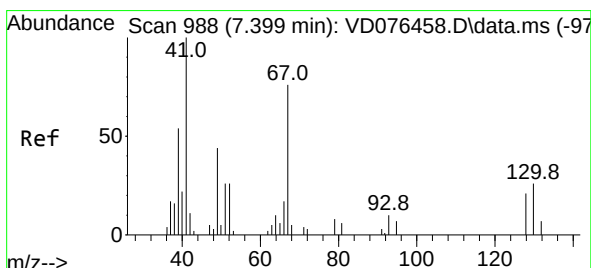
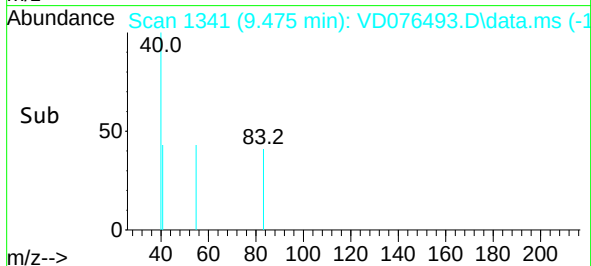
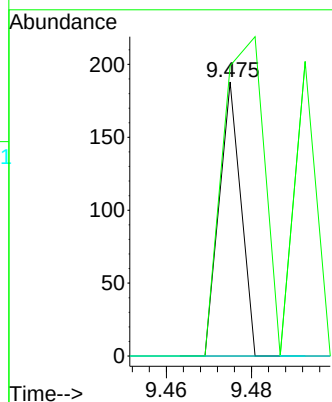
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

55 105.9 49.4 74.0#

98 0.0 38.4 57.6#



#41

Methacrylonitrile

Concen: 23.217 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.023 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Tgt Ion: 41 Resp: 231

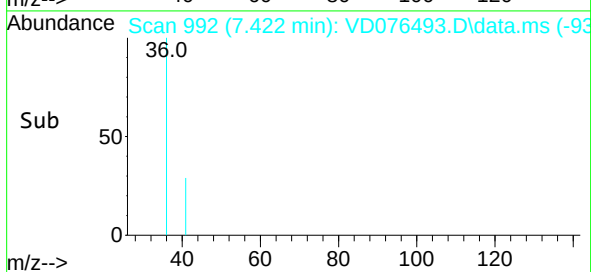
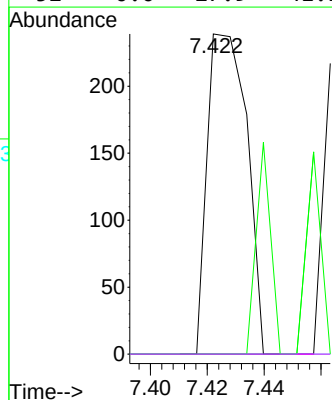
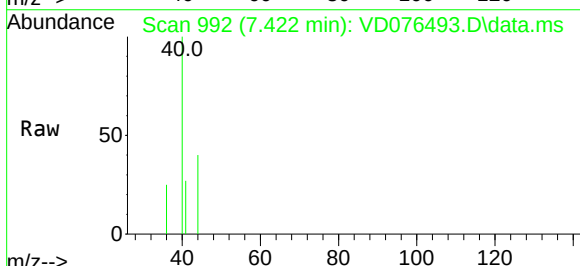
Ion Ratio Lower Upper

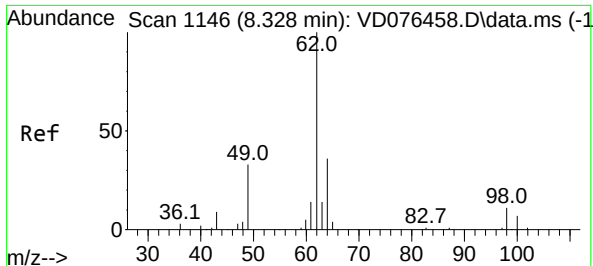
41 100

39 24.2 34.0 51.0#

67 0.0 77.0 115.4#

52 0.0 27.9 41.9#





#42

1,2-Dichloroethane

Concen: 2.235 ug/l

RT: 8.187 min Scan# 11

Delta R.T. -0.141 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

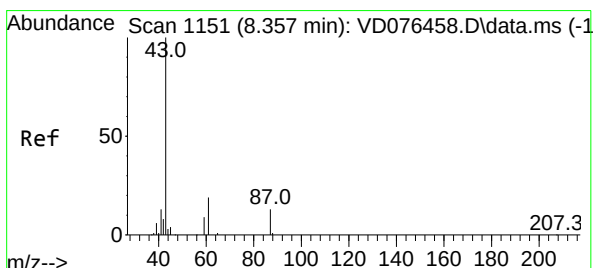
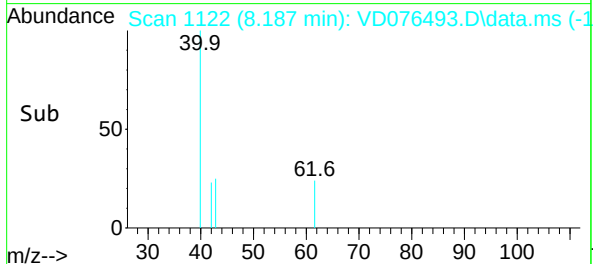
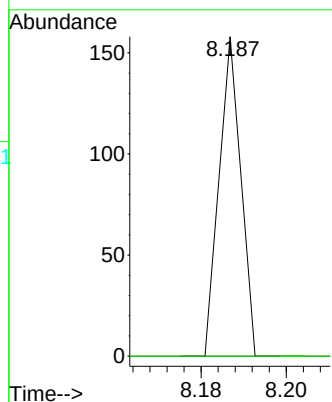
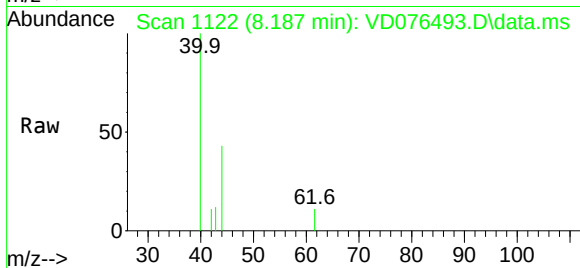
SB-05-12.0-14.0

Tgt Ion: 62 Resp: 56

Ion Ratio Lower Upper

62 100

98 0.0 0.0 25.4



#43

Isopropyl Acetate

Concen: 2.248 ug/l

RT: 8.404 min Scan# 1159

Delta R.T. 0.047 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

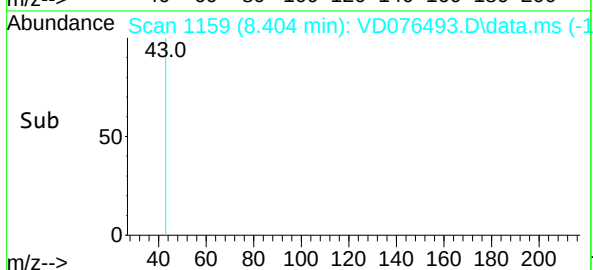
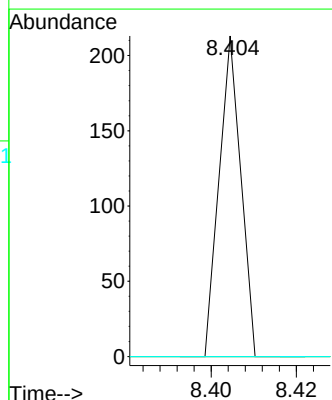
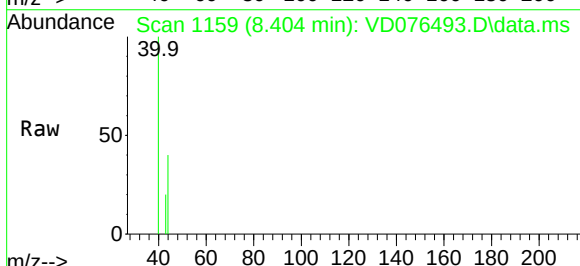
Tgt Ion: 43 Resp: 75

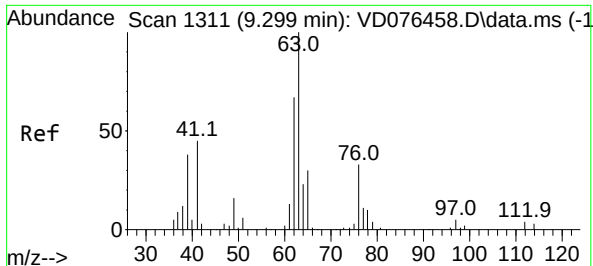
Ion Ratio Lower Upper

43 100

61 0.0 31.4 47.0#

87 0.0 14.9 22.3#





#45

1,2-Dichloropropane

Concen: 2.625 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.265 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

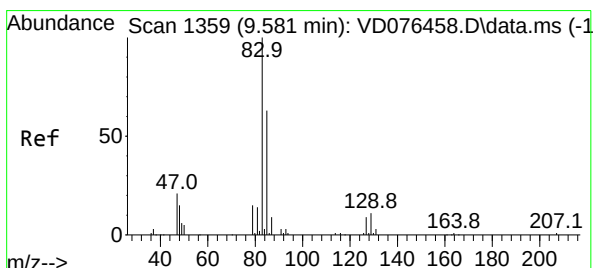
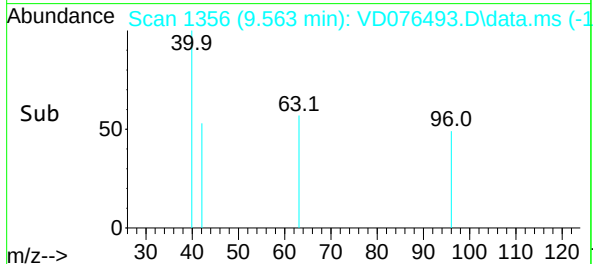
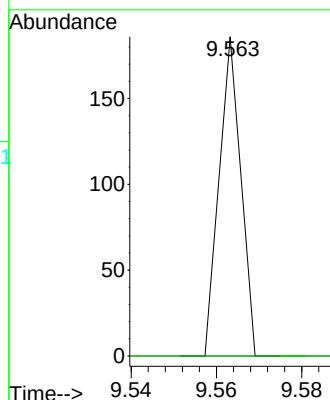
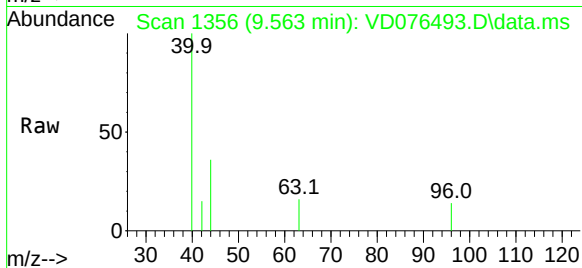
SB-05-12.0-14.0

Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#47

Bromodichloromethane

Concen: 2.048 ug/l

RT: 9.475 min Scan# 1341

Delta R.T. -0.106 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

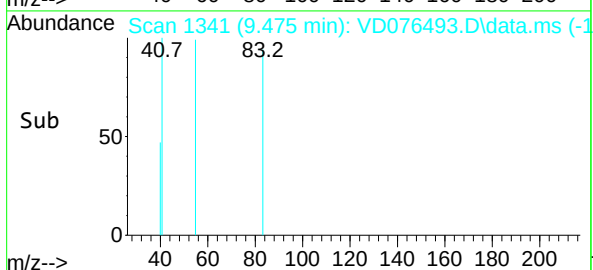
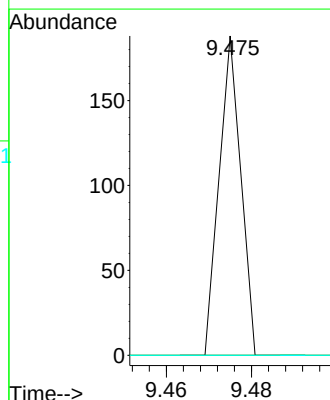
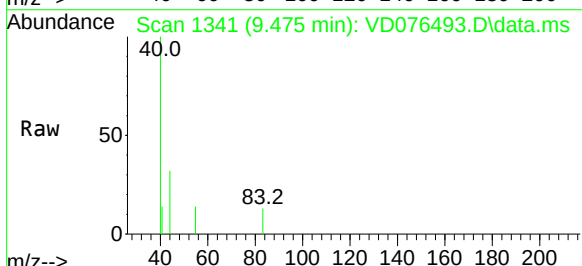
Tgt Ion: 83 Resp: 66

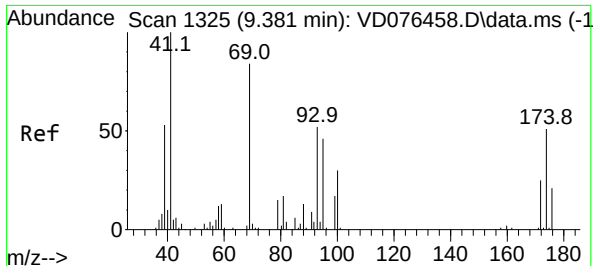
Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.4#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 8.830 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05-12.0-14.0

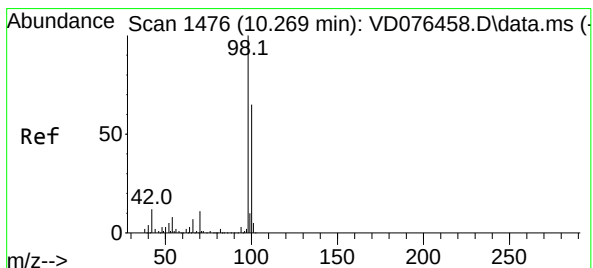
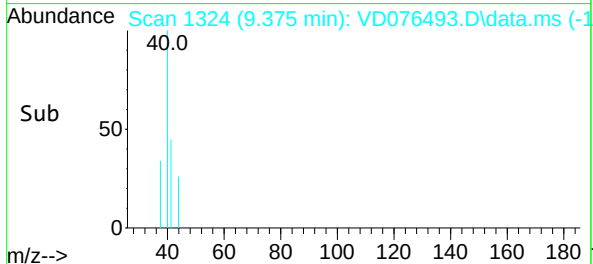
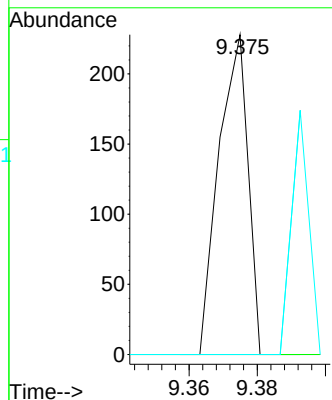
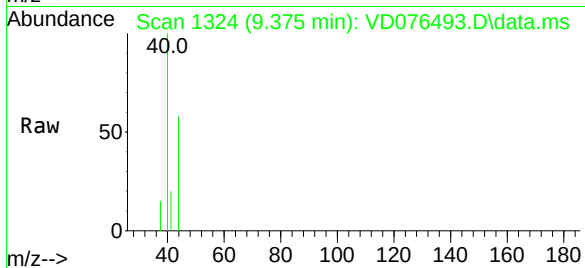
Tgt Ion: 41 Resp: 135

Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 45.2 41.4 62.2



#50

Toluene-d8

Concen: 41.192 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076493.D

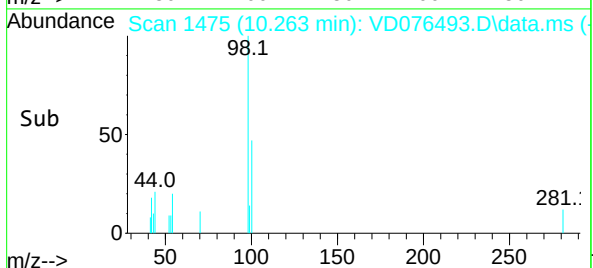
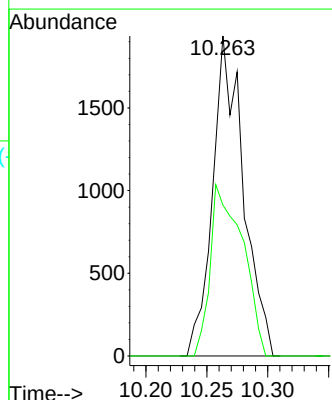
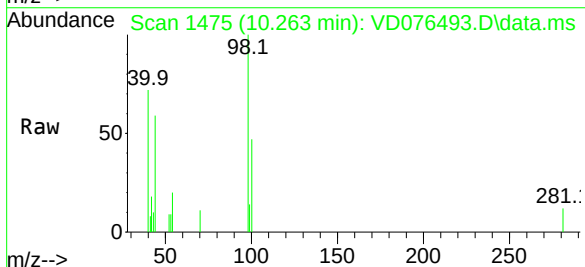
Acq: 20 Jun 2023 15:46

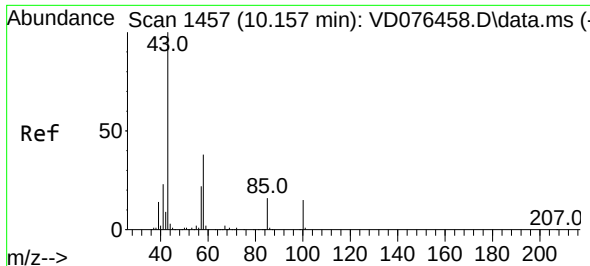
Tgt Ion: 98 Resp: 3392

Ion Ratio Lower Upper

98 100

100 56.4 50.3 75.5

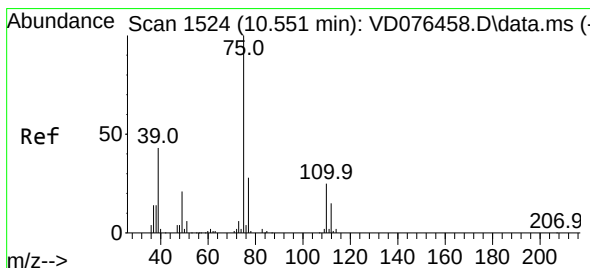
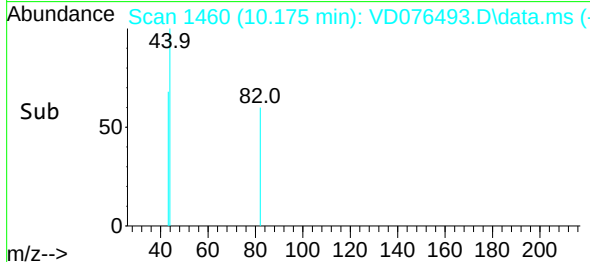
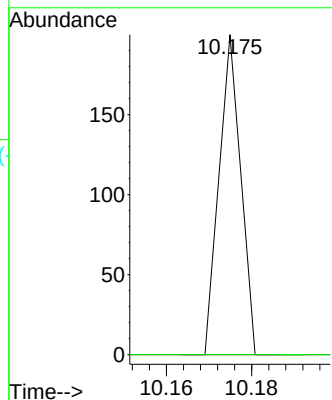
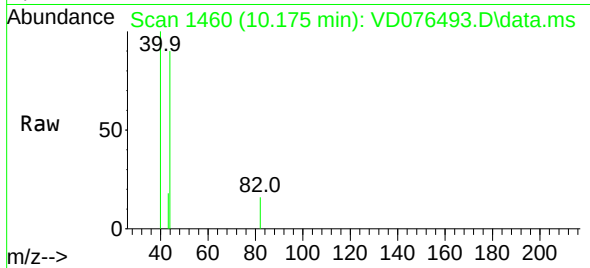




#51
4-Methyl-2-Pentanone
Concen: 4.164 ug/l
RT: 10.175 min Scan# 1457
Delta R.T. 0.018 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

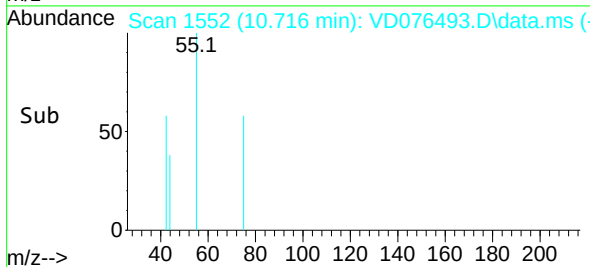
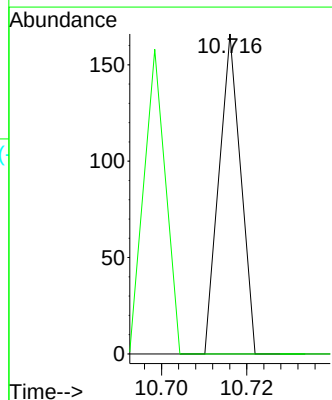
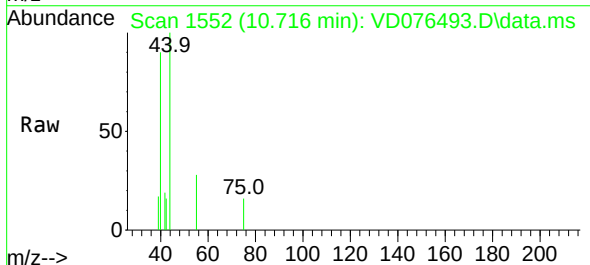
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

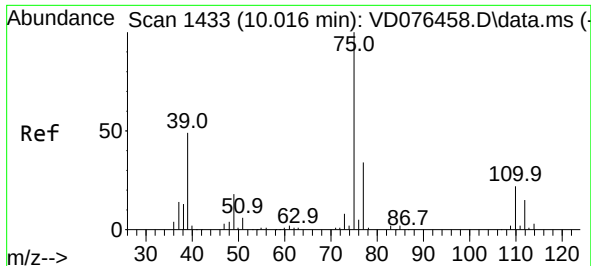
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#53
t-1,3-Dichloropropene
Concen: 1.804 ug/l
RT: 10.716 min Scan# 1552
Delta R.T. 0.165 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#

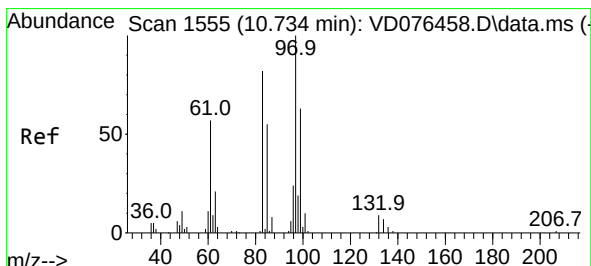
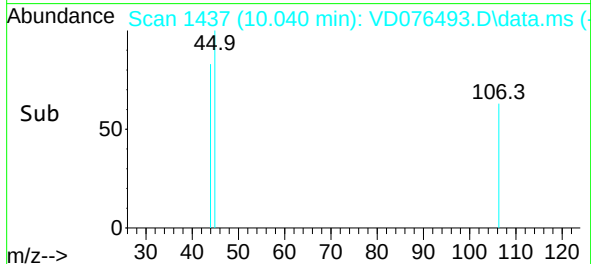
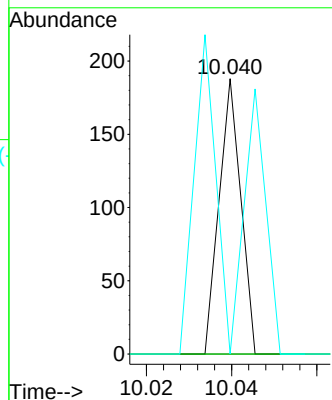
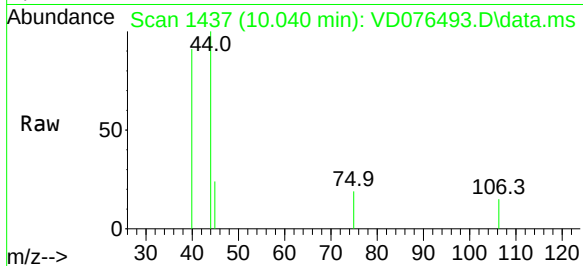




#54
cis-1,3-Dichloropropene
Concen: 1.702 ug/l
RT: 10.040 min Scan# 1437
Delta R.T. 0.023 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

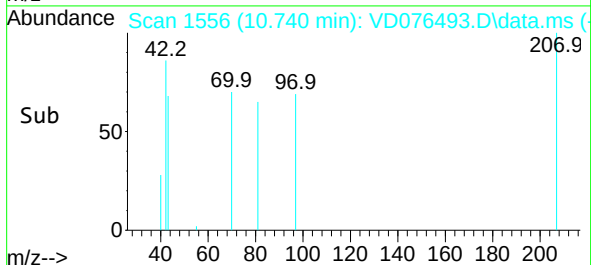
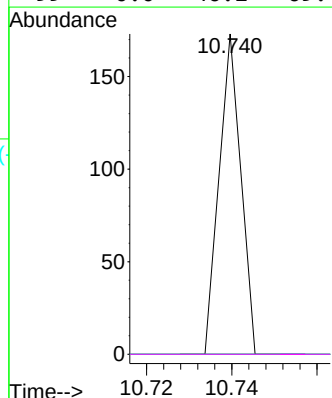
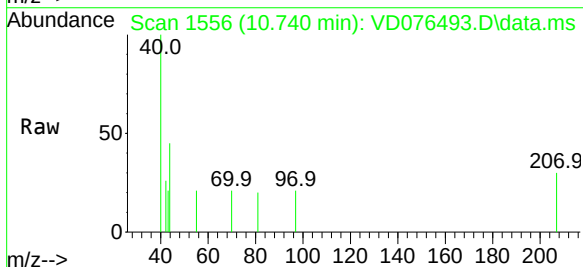
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

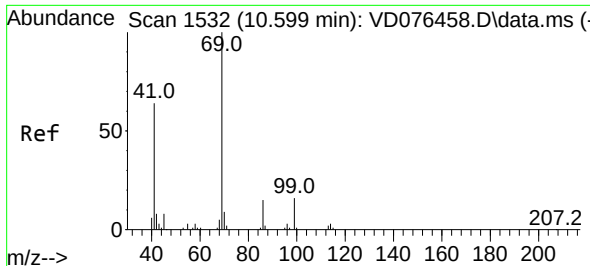
Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 0.0 22.1 33.1#



#55
1,1,2-Trichloroethane
Concen: 3.238 ug/l
RT: 10.740 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 97 Resp: 61
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.6#
85 0.0 45.7 68.5#
99 0.0 46.2 69.4#

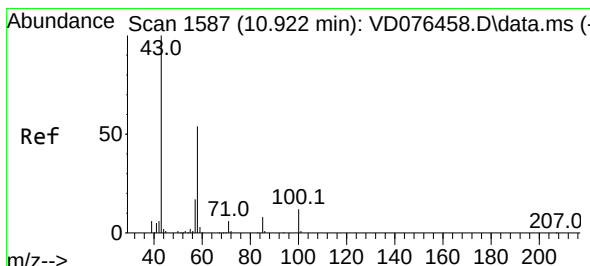
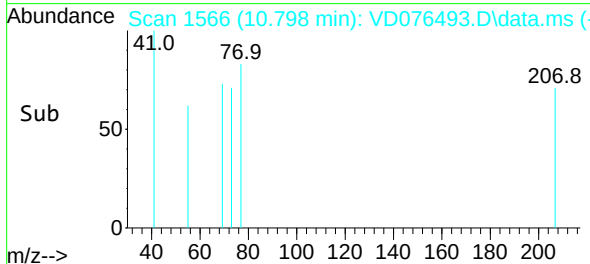
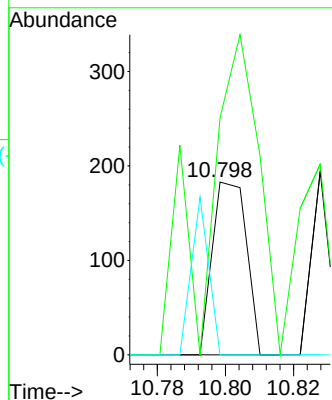
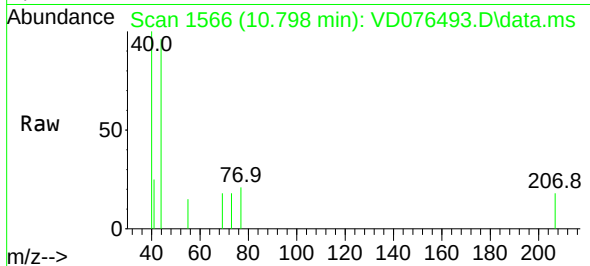




#56
Ethyl methacrylate
Concen: 5.163 ug/l
RT: 10.798 min Scan# 1566
Delta R.T. 0.200 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

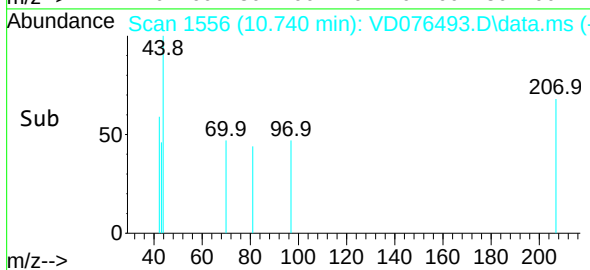
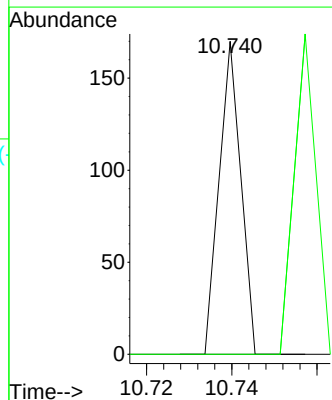
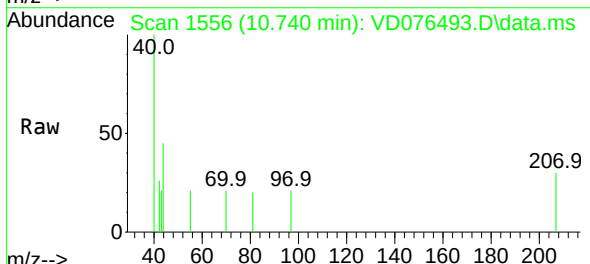
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

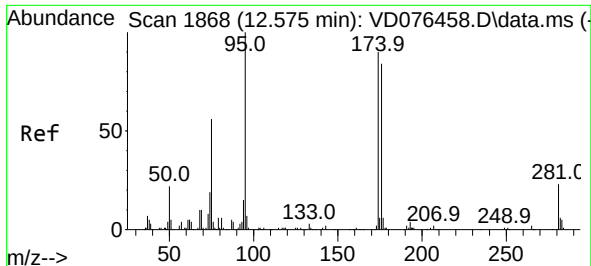
Tgt Ion: 69 Resp: 127
Ion Ratio Lower Upper
69 100
41 284.3 39.1 58.7#
39 46.5 20.0 30.0#



#59
2-Hexanone
Concen: 5.059 ug/l
RT: 10.740 min Scan# 1556
Delta R.T. -0.182 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 101.7 34.1 102.2





#62

4-Bromofluorobenzene

Concen: 56.427 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05-12.0-14.0

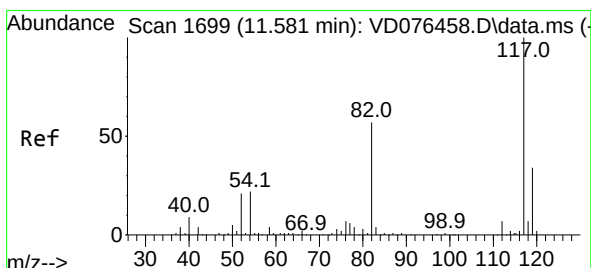
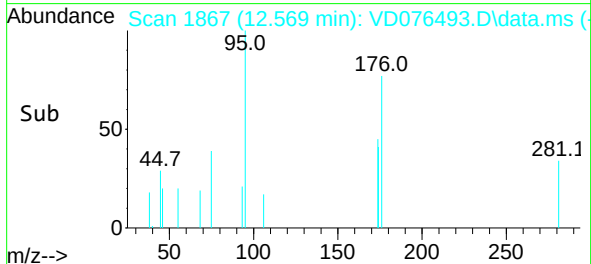
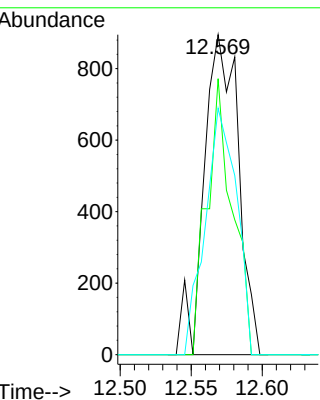
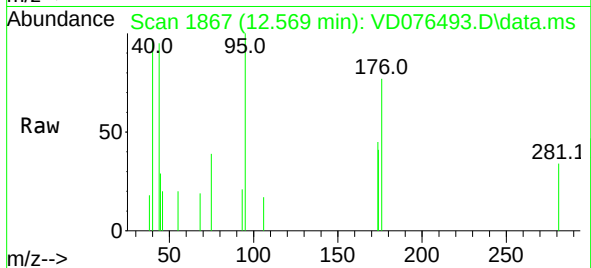
Tgt Ion: 95 Resp: 1508

Ion Ratio Lower Upper

95 100

174 64.1 0.0 201.8

176 70.5 0.0 191.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD076493.D

Acq: 20 Jun 2023 15:46

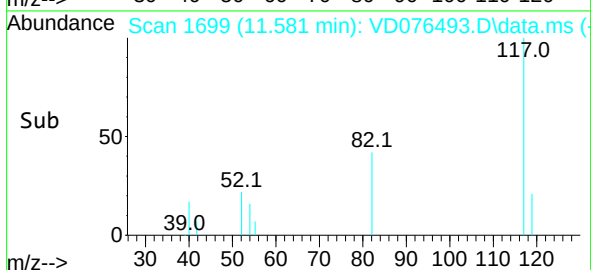
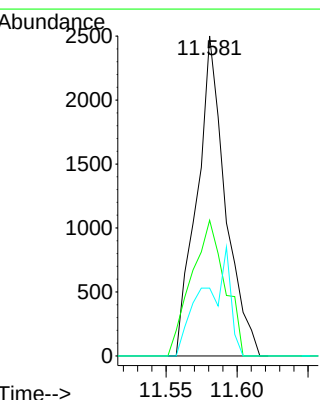
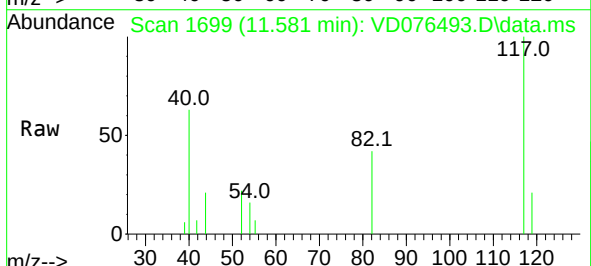
Tgt Ion: 117 Resp: 3469

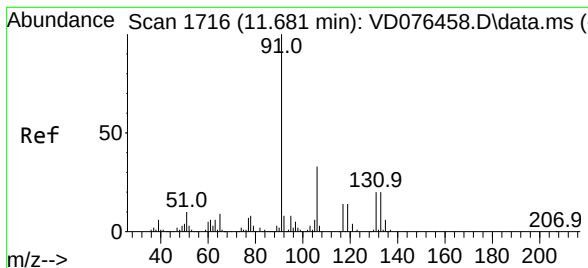
Ion Ratio Lower Upper

117 100

82 42.4 38.3 57.5

119 21.2 25.0 37.4#

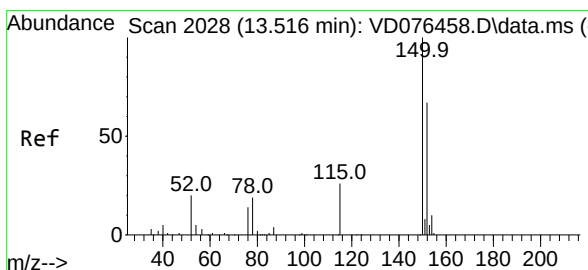
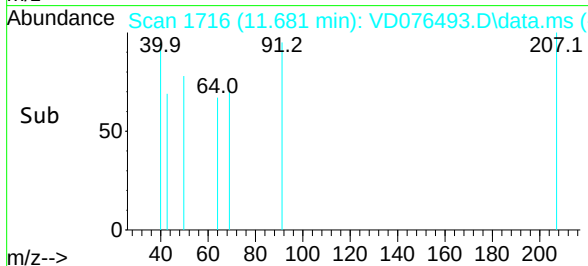
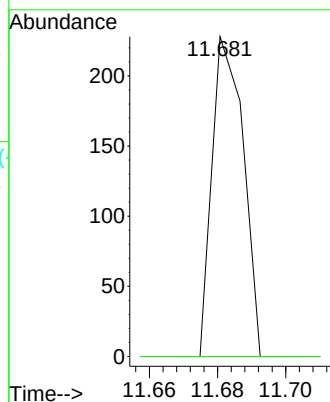
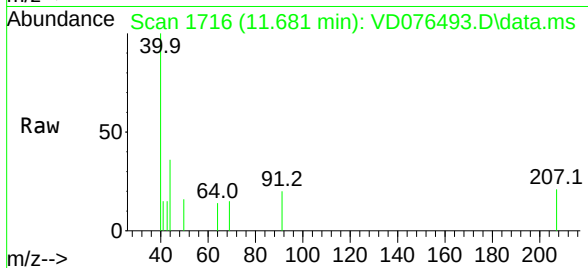




#67
Ethyl Benzene
Concen: 1.242 ug/l
RT: 11.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

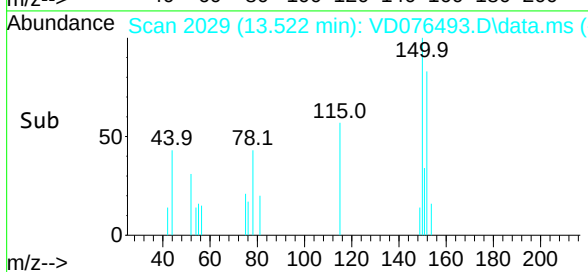
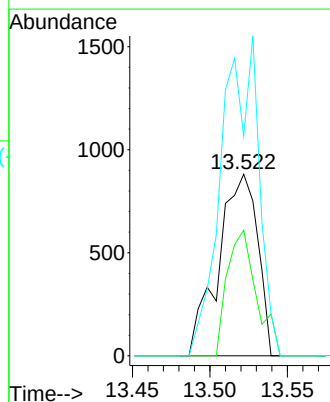
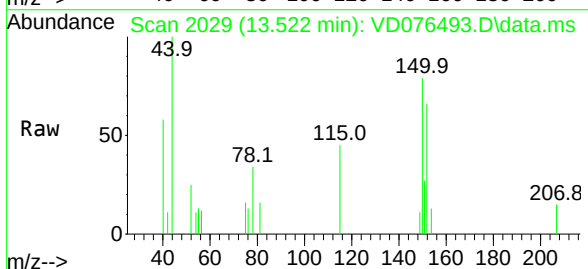
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

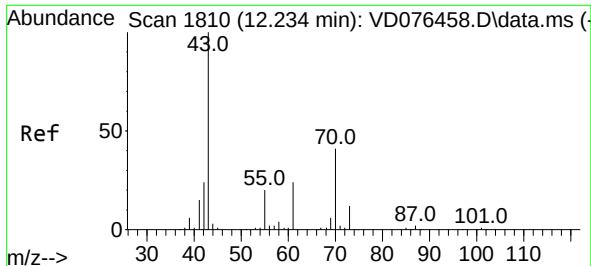
Tgt Ion: 91 Resp: 145
Ion Ratio Lower Upper
91 100
106 0.0 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion:152 Resp: 1551
Ion Ratio Lower Upper
152 100
115 51.2 27.1 81.3
150 165.5 0.0 353.6

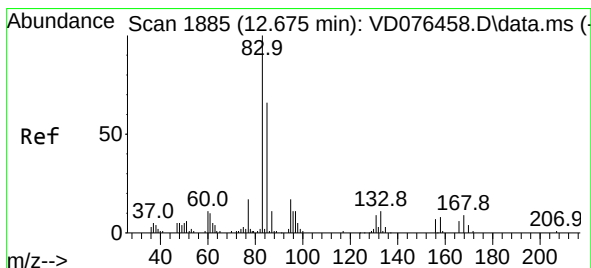
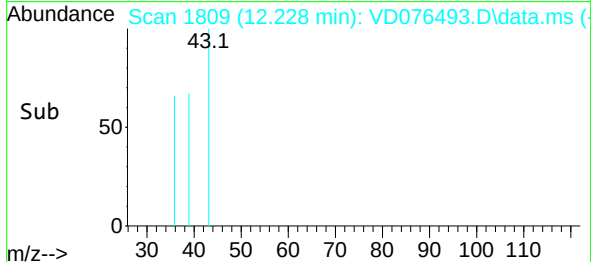
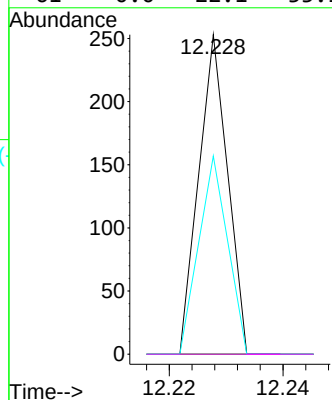
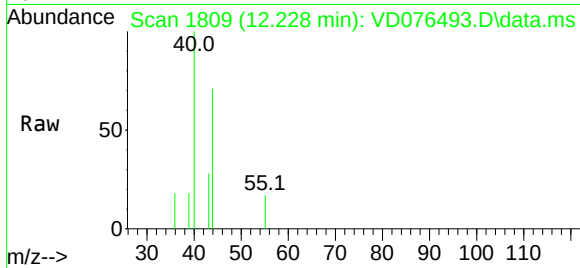




#74
N-amy1 acetate
Concen: 2.911 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

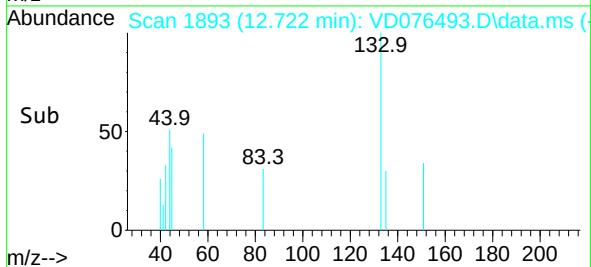
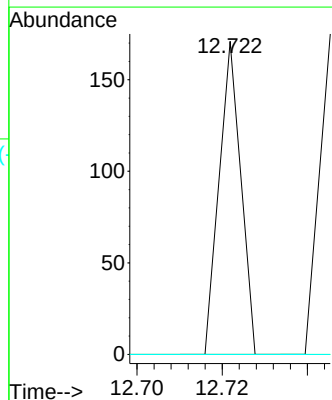
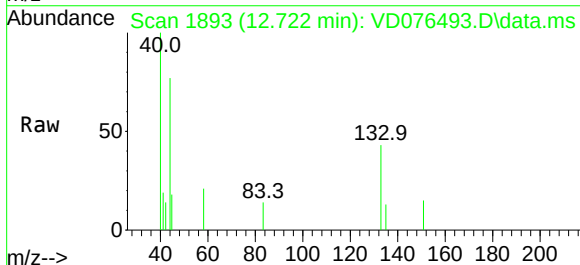
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

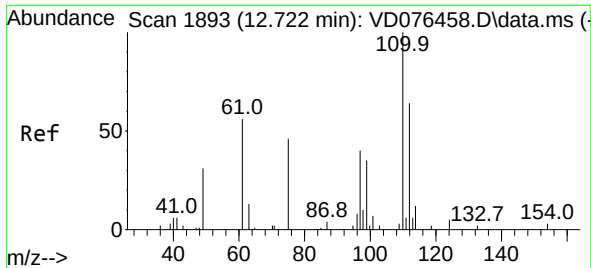
Tgt Ion: 43	Resp:	89
Ion	Ratio	Lower Upper
43	100	
70	0.0	45.0 67.4#
55	61.8	23.8 35.6#
61	0.0	22.1 33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.784 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.047 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 83	Resp:	60
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.1 15.3#
85	0.0	32.6 97.8#

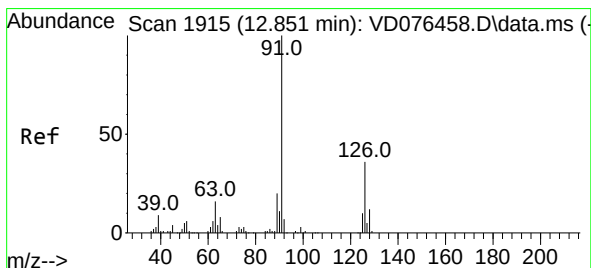
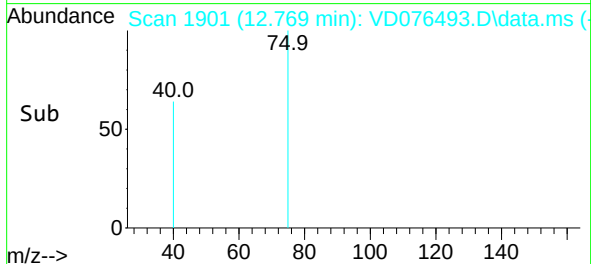
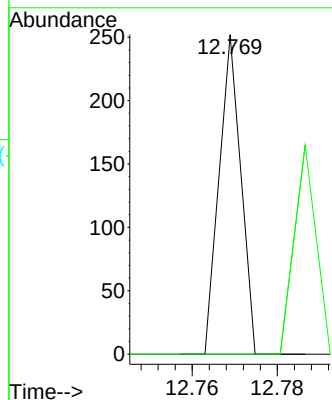
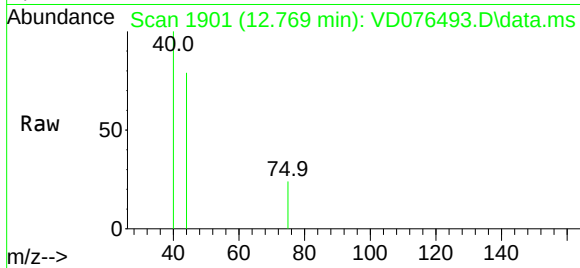




#76
1,2,3-Trichloropropane
Concen: 5.782 ug/l
RT: 12.769 min Scan# 1910
Delta R.T. 0.047 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

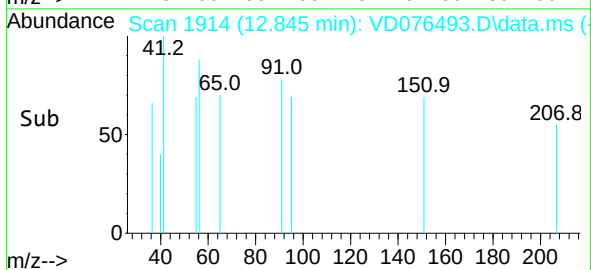
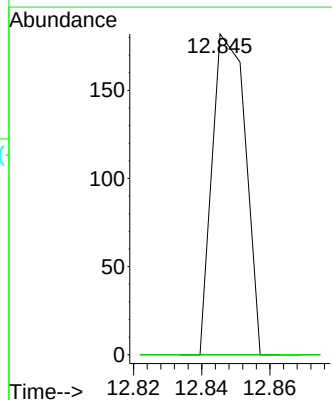
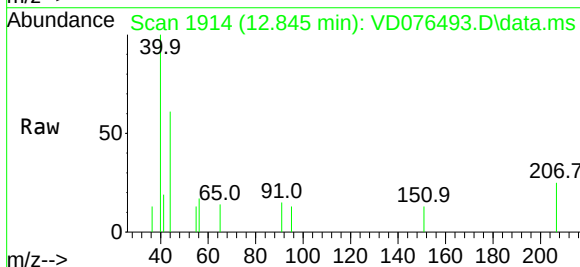
Instrument :
MSVOA_D
ClientSampleId :
SB-05-12.0-14.0

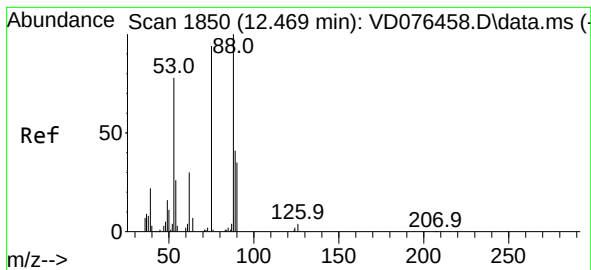
Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 65.2 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.737 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD076493.D
Acq: 20 Jun 2023 15:46

Tgt Ion: 91 Resp: 123
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.947 ug/l
 RT: 12.581 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD076493.D
 Acq: 20 Jun 2023 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-12.0-14.0

Tgt Ion: 75 Resp: 667
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

