

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078111.D
 Acq On : 29 Dec 2023 16:32
 Operator : RP/MD
 Sample : 06017-06
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32-1-20231222-10.0-11.0

Quant Time: Dec 29 22:37:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	5325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	8519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	2985	63.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.000%	
35) Dibromofluoromethane	7.804	113	2886	52.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.275	98	11154	57.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.660%	
62) 4-Bromofluorobenzene	12.569	95	3782	60.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 121.880%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.664	85	58	1.271	ug/l #	43
6) Chloroethane	2.828	64	680	9.754	ug/l #	43
8) Diethyl Ether	3.334	74	61	2.436	ug/l #	12
12) 1,1-Dichloroethene	3.669	96	62	1.232	ug/l #	1
13) Acrolein	3.999	56	61	24.445	ug/l #	15
14) Allyl chloride	4.563	41	65	1.069	ug/l #	1
15) Acrylonitrile	5.081	53	92	8.784	ug/l #	67
16) Acetone	4.011	43	282	1.123	ug/l #	32
18) Methyl Acetate	4.611	43	56	1.442	ug/l #	42
23) Vinyl Acetate	6.093	43	117	2.253	ug/l #	63
25) 2-Butanone	7.093	43	66	Below Cal	#	37
27) cis-1,2-Dichloroethene	7.069	96	111	1.617	ug/l #	1
28) Bromochloromethane	7.463	49	59	1.640	ug/l #	1
29) Tetrahydrofuran	7.510	42	59	8.044	ug/l #	23
31) Cyclohexane	7.857	56	900	11.907	ug/l #	8
36) 1,1-Dichloropropene	7.863	75	125	1.621	ug/l #	39
37) Ethyl Acetate	7.093	43	66	2.573	ug/l #	62
38) Carbon Tetrachloride	7.869	117	291	3.482	ug/l #	11
39) Methylcyclohexane	9.287	83	1315	14.872	ug/l #	57
41) Methacrylonitrile	7.399	41	93	5.731	ug/l #	1
42) 1,2-Dichloroethane	8.340	62	80	1.332	ug/l #	68
43) Isopropyl Acetate	8.357	43	302	5.881	ug/l #	43
45) 1,2-Dichloropropane	9.075	63	59	1.047	ug/l #	44
47) Bromodichloromethane	9.569	83	183	2.233	ug/l #	25
48) Methyl methacrylate	9.416	41	707	24.428	ug/l #	19
49) 1,4-Dioxane	9.299	88	53	177.712	ug/l #	27
51) 4-Methyl-2-Pentanone	10.204	43	1229	46.640	ug/l #	68
55) 1,1,2-Trichloroethane	10.751	97	60	1.351	ug/l #	16
56) Ethyl methacrylate	10.581	69	157	4.456	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.857	63	60	3.934	ug/l #	43
59) 2-Hexanone	10.887	43	1945	95.024	ug/l #	16
61) 1,2-Dibromoethane	11.234	107	58	1.363	ug/l #	1
70) Styrene	12.134	104	282	1.709	ug/l #	51
73) Isopropylbenzene	12.416	105	902	3.115	ug/l	92
74) N-amyl acetate	12.240	43	228	4.743	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.657	83	60	1.140	ug/l #	1

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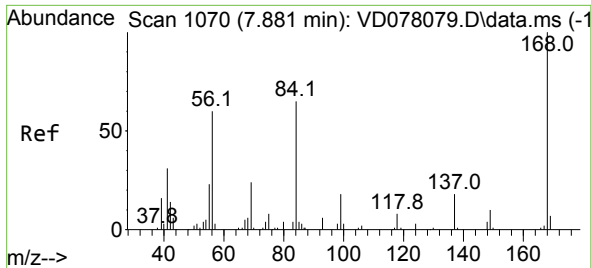
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	12.728	75	132	3.722	ug/l #	100
77) Bromobenzene	12.722	156	110	1.562	ug/l #	38
78) n-propylbenzene	12.769	91	2015	5.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.575	75	1867	113.426	ug/l #	25
85) sec-Butylbenzene	13.351	105	1358	4.434	ug/l	97
89) n-Butylbenzene	13.992	91	544	2.162	ug/l	80
90) Hexachloroethane	14.057	117	1154	21.059	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.581	75	58	7.869	ug/l #	1

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

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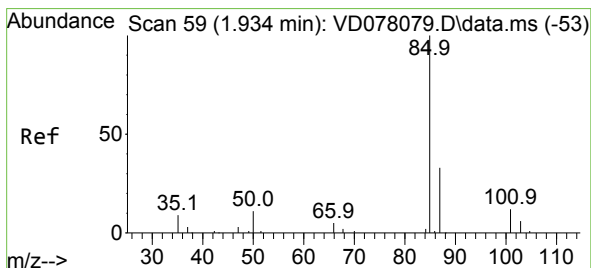
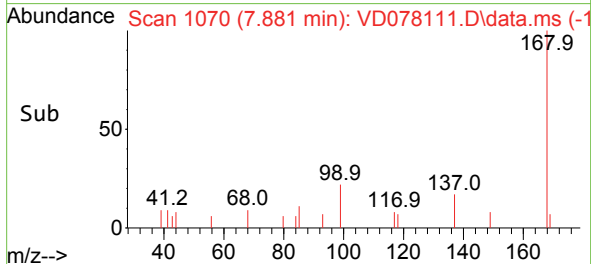
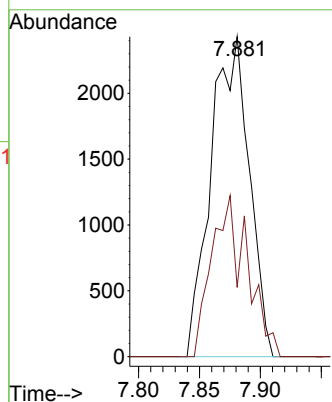
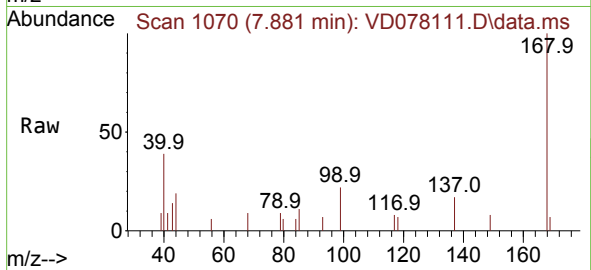




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

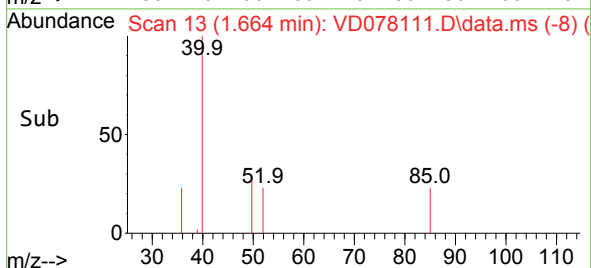
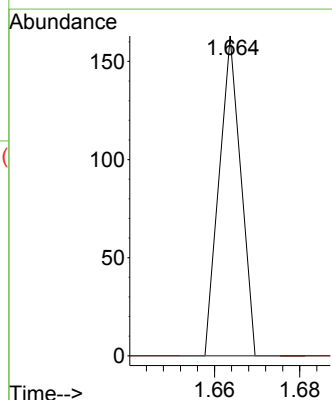
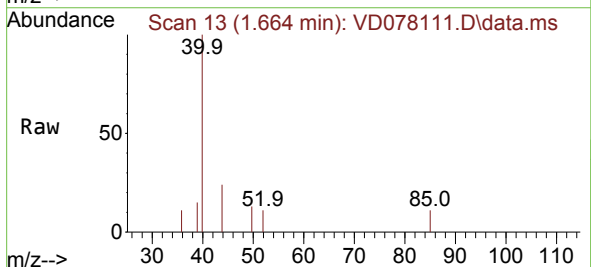
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

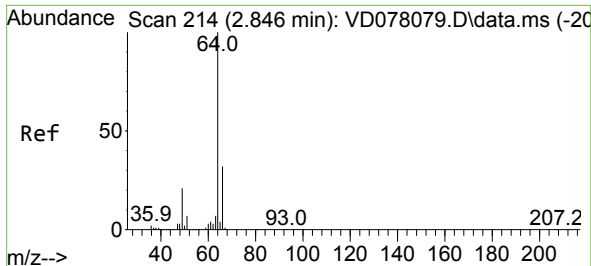
Tgt Ion:168 Resp: 5325
Ion Ratio Lower Upper
168 100
99 21.6 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 1.271 ug/l
RT: 1.664 min Scan# 13
Delta R.T. -0.270 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 85 Resp: 58
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

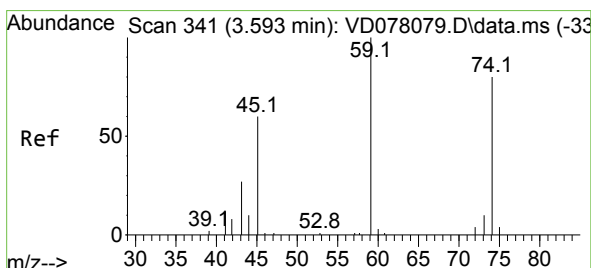
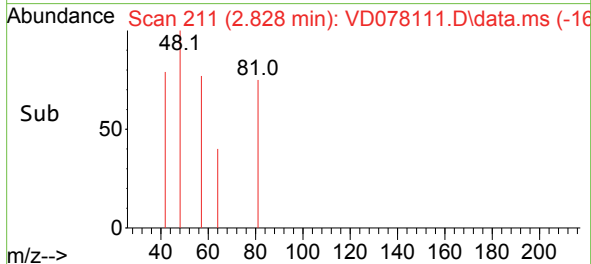
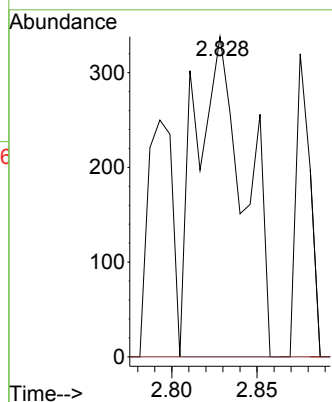
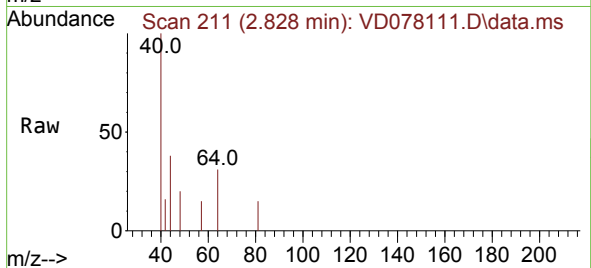




#6
Chloroethane
Concen: 9.754 ug/l
RT: 2.828 min Scan# 214
Delta R.T. -0.017 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

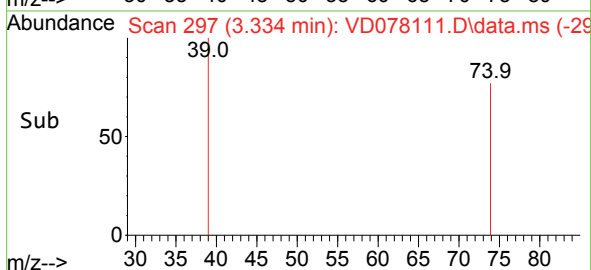
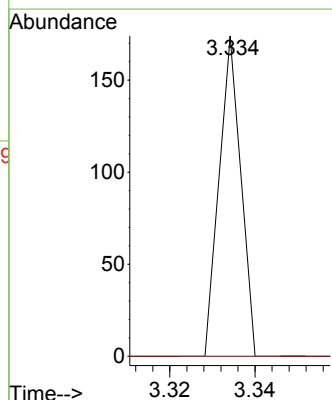
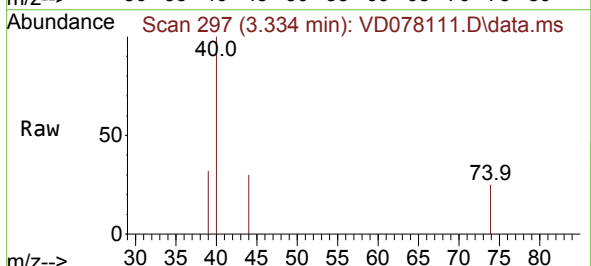
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

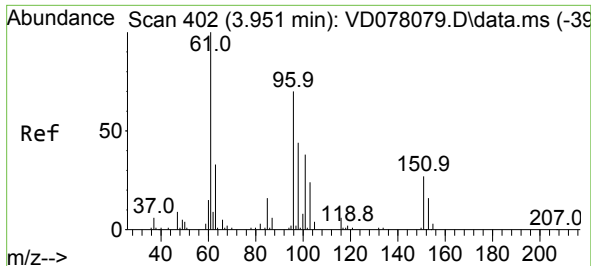
Tgt Ion: 64 Resp: 680
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#8
Diethyl Ether
Concen: 2.436 ug/l
RT: 3.334 min Scan# 297
Delta R.T. -0.259 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 74 Resp: 61
Ion Ratio Lower Upper
74 100
45 0.0 37.5 112.7#





#12

1,1-Dichloroethene

Concen: 1.232 ug/l

RT: 3.669 min Scan# 31

Delta R.T. -0.282 min

Lab File: VD078111.D

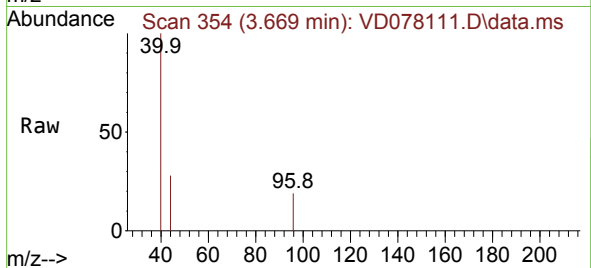
Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB32-1-20231222-10.0-11.0



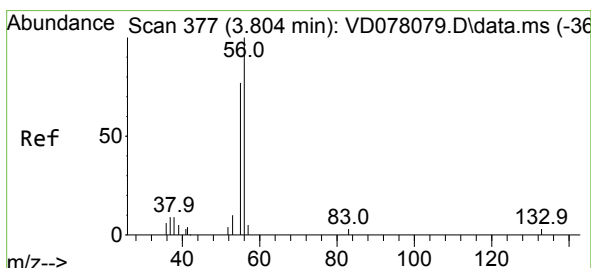
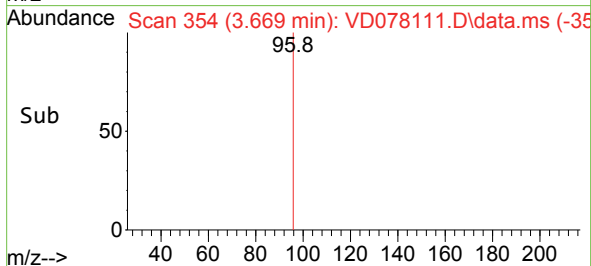
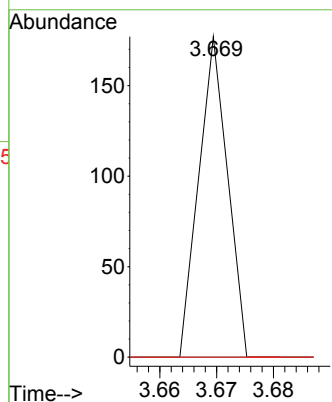
Tgt Ion: 96 Resp: 62

Ion Ratio Lower Upper

96 100

61 0.0 100.6 150.8#

98 0.0 50.2 75.2#



#13

Acrolein

Concen: 24.445 ug/l

RT: 3.999 min Scan# 410

Delta R.T. 0.195 min

Lab File: VD078111.D

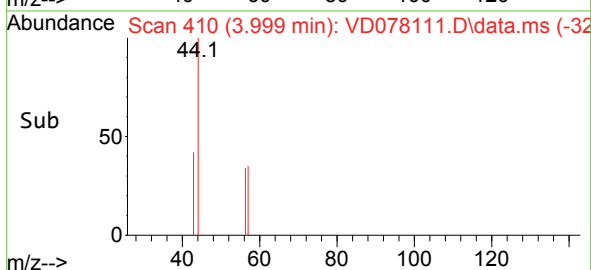
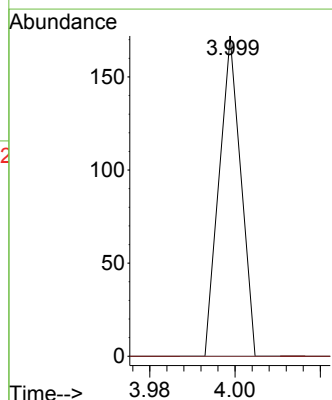
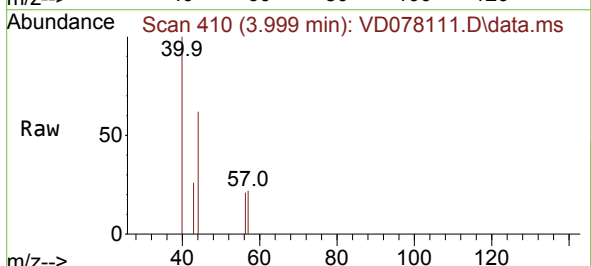
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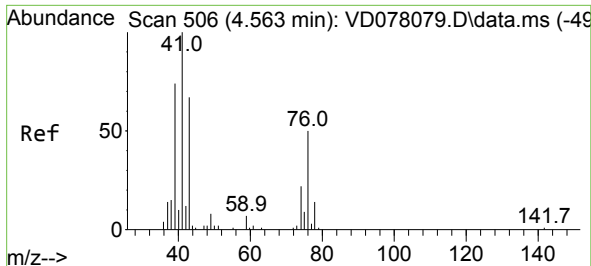
Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

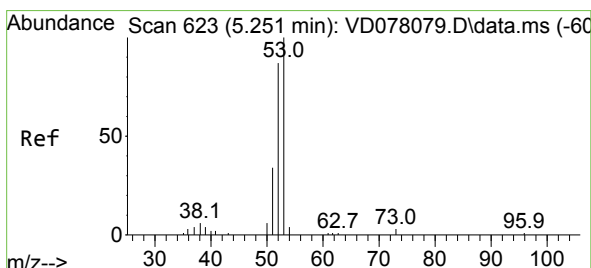
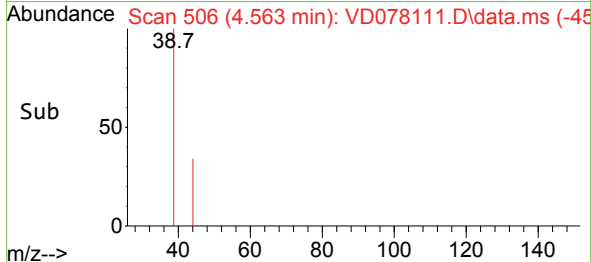
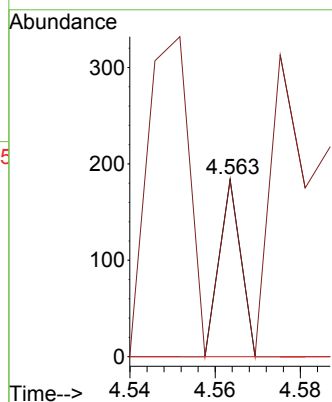
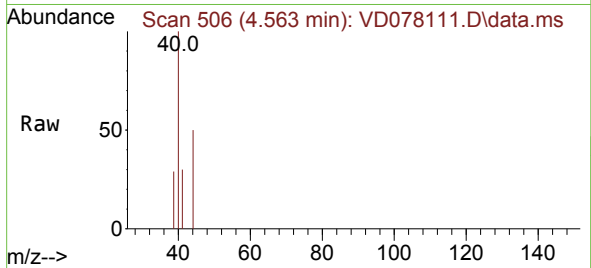




#14
 Allyl chloride
 Concen: 1.069 ug/l
 RT: 4.563 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

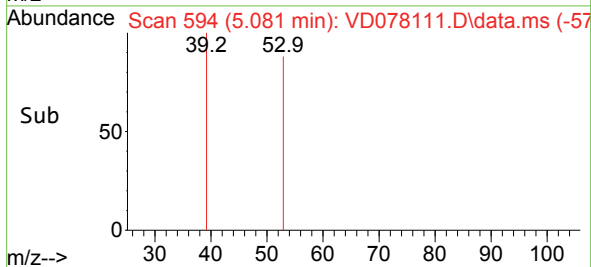
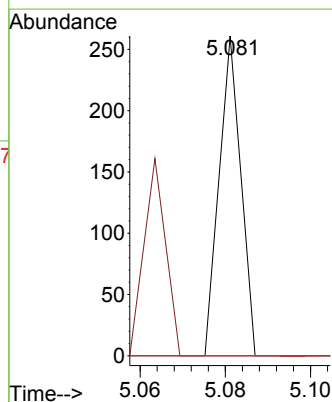
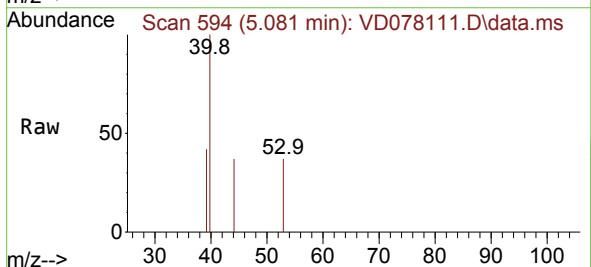
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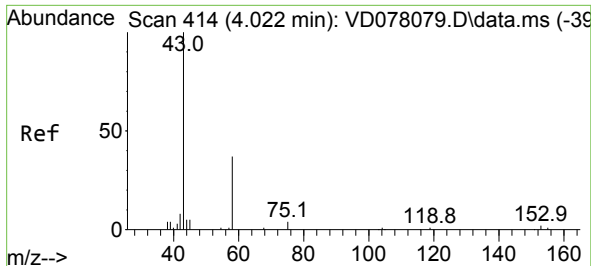
Tgt Ion: 41	Resp: 65
Ion Ratio	Lower Upper
41 100	
39 383.1	53.8 80.6#
76 0.0	45.8 68.8#



#15
 Acrylonitrile
 Concen: 8.784 ug/l
 RT: 5.081 min Scan# 594
 Delta R.T. -0.170 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

Tgt Ion: 53	Resp: 92
Ion Ratio	Lower Upper
53 100	
52 62.0	65.0 97.4#
51 0.0	28.3 42.5#

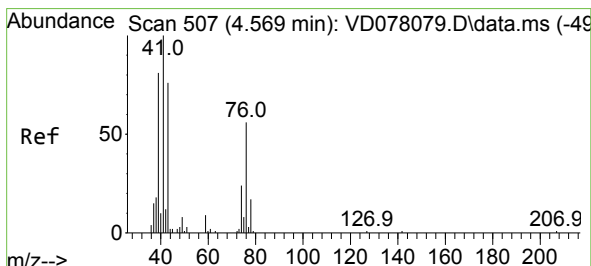
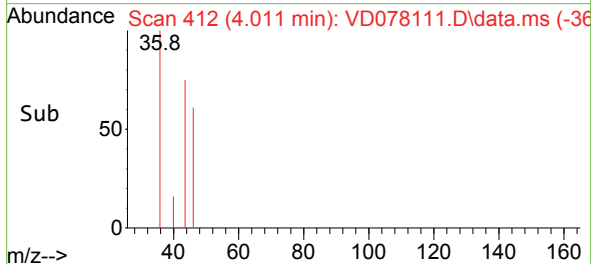
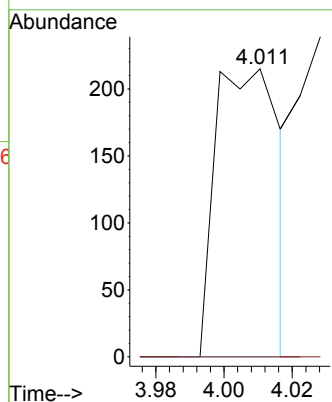
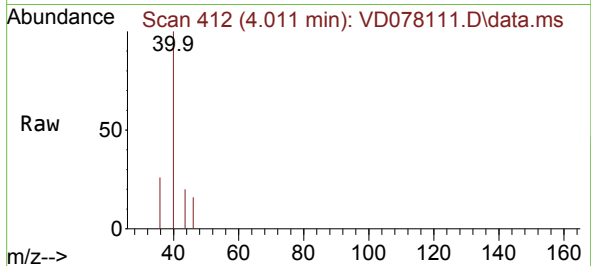




#16
Acetone
Concen: 1.123 ug/l
RT: 4.011 min Scan# 411
Delta R.T. -0.011 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

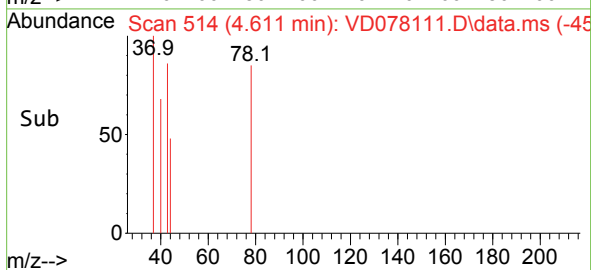
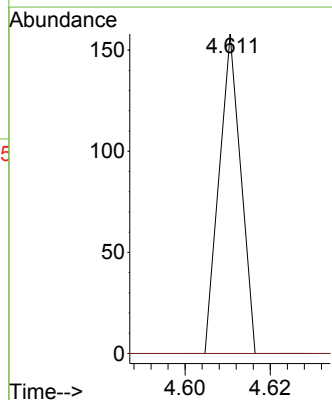
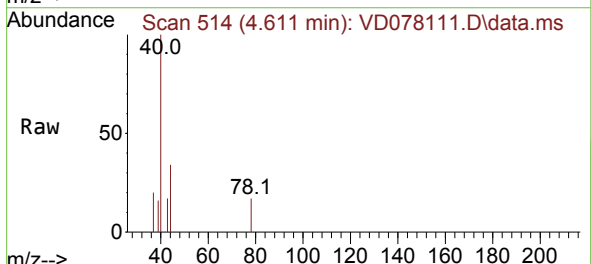
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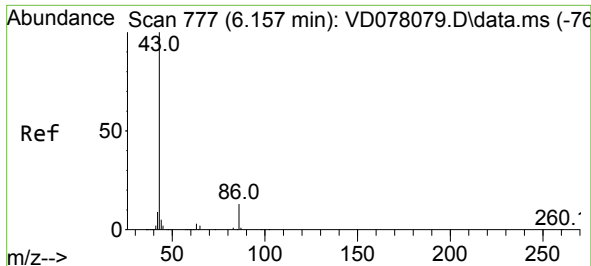
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#18
Methyl Acetate
Concen: 1.442 ug/l
RT: 4.611 min Scan# 514
Delta R.T. 0.041 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

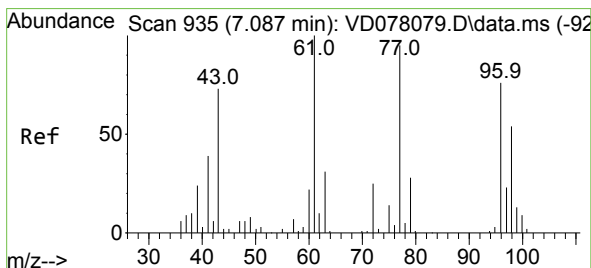
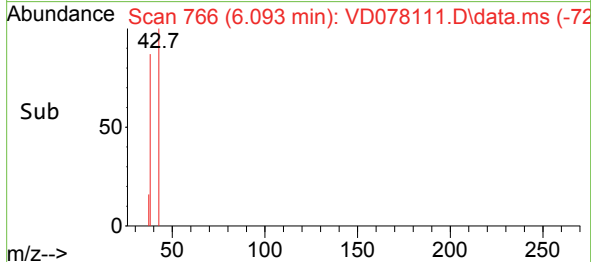
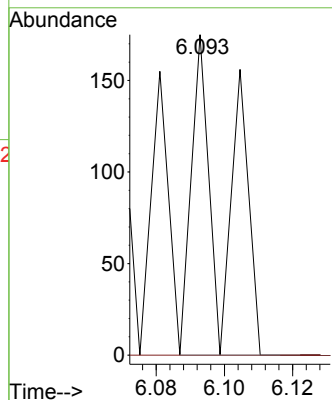
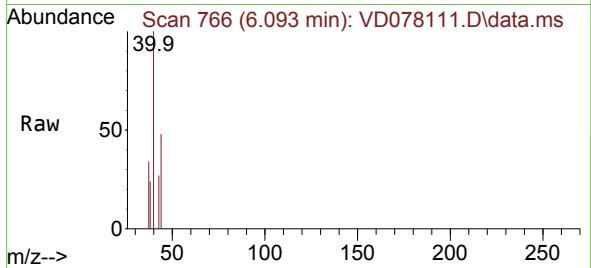




#23
 Vinyl Acetate
 Concen: 2.253 ug/l
 RT: 6.093 min Scan# 70
 Delta R.T. -0.064 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

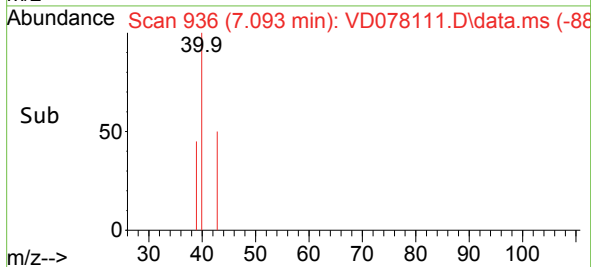
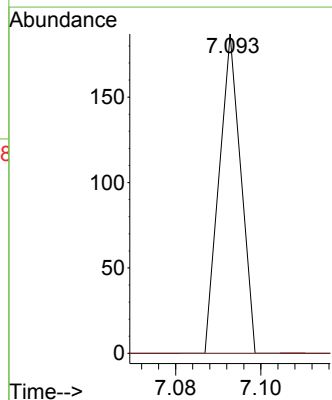
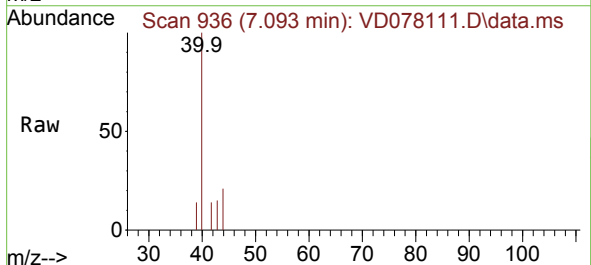
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 ClientSampleId :
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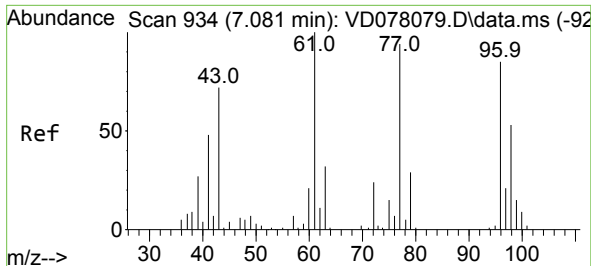
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 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: Below Cal
 RT: 7.093 min Scan# 936
 Delta R.T. 0.006 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

Tgt Ion: 43 Resp: 66
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#

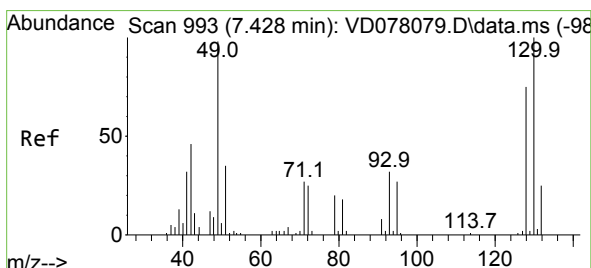
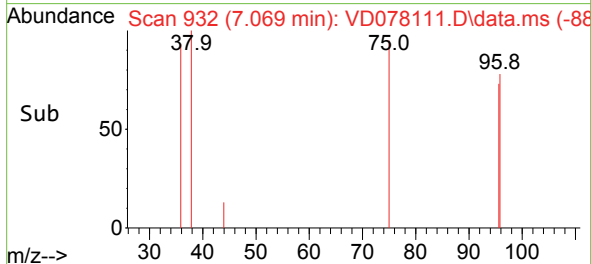
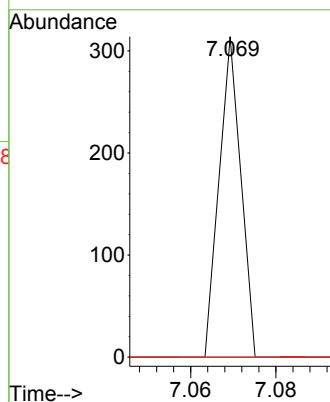
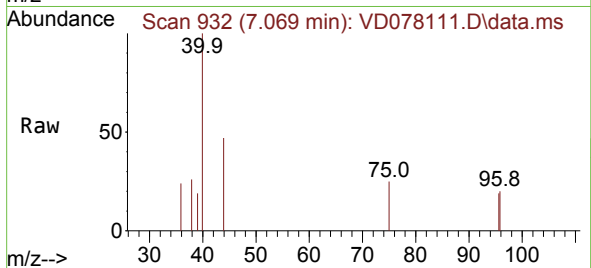




#27
 cis-1,2-Dichloroethene
 Concen: 1.617 ug/l
 RT: 7.069 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

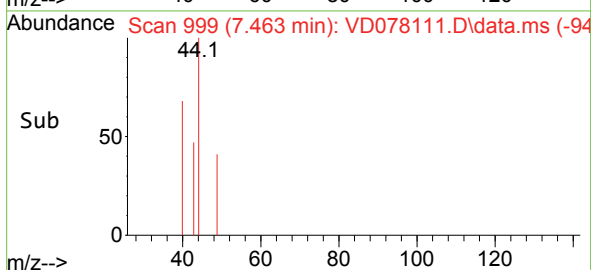
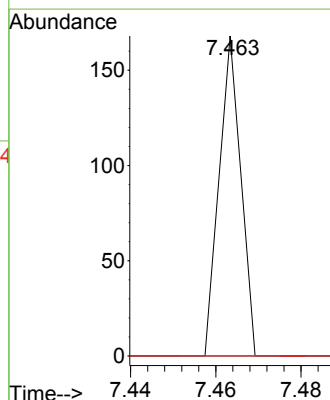
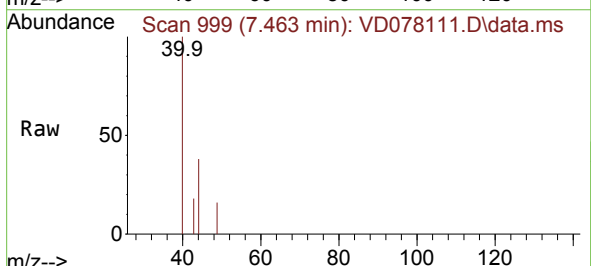
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32-1-20231222-10.0-11.0

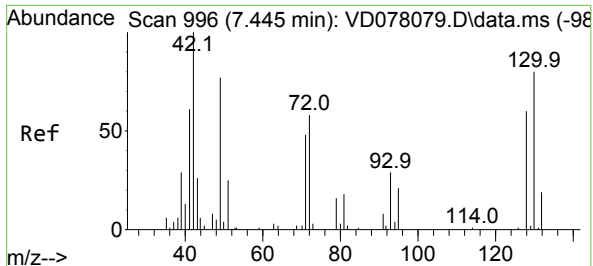
Tgt Ion: 96 Resp: 111
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 239.2
 98 0.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 1.640 ug/l
 RT: 7.463 min Scan# 999
 Delta R.T. 0.036 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

Tgt Ion: 49 Resp: 59
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 8.044 ug/l

RT: 7.510 min Scan# 1007

Delta R.T. 0.065 min

Lab File: VD078111.D

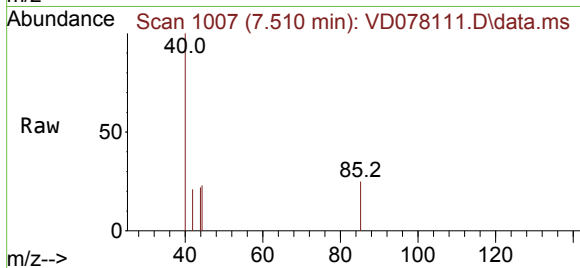
Acq: 29 Dec 2023 16:32

Instrument :

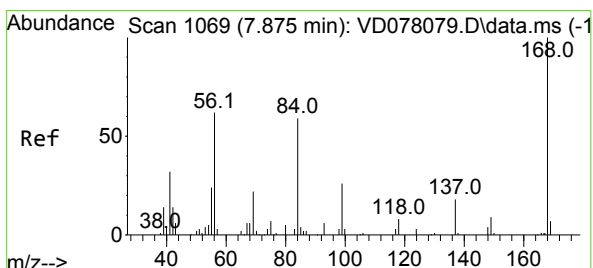
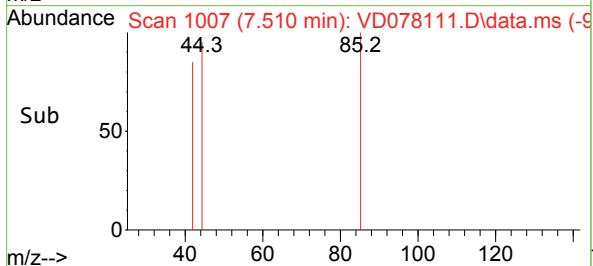
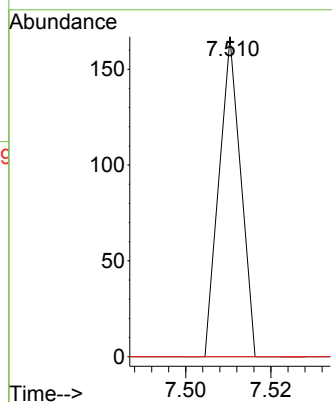
MSVOA_D

ClientSampleId :

SB32-1-20231222-10.0-11.0



Tgt Ion:	42	Resp:	59
Ion Ratio	100	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



#31

Cyclohexane

Concen: 11.907 ug/l

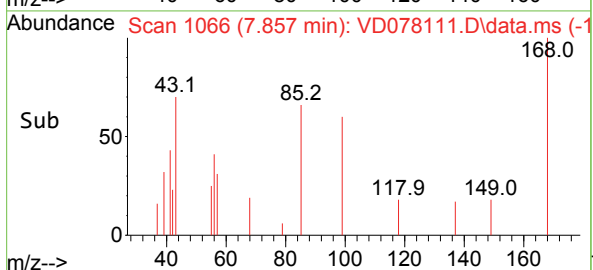
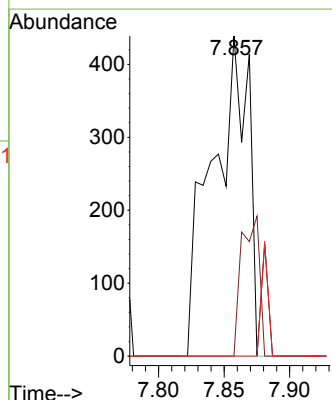
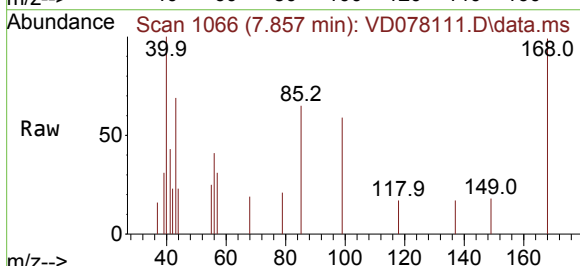
RT: 7.857 min Scan# 1066

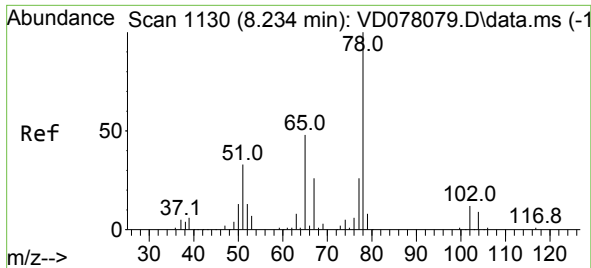
Delta R.T. -0.017 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

Tgt Ion:	56	Resp:	900
Ion Ratio	100	Lower	Upper
56	100		
69	0.0	28.6	43.0#
84	0.0	84.8	127.2#

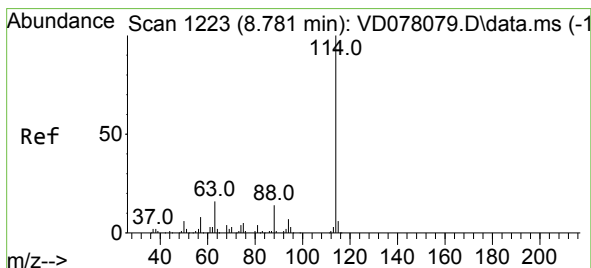
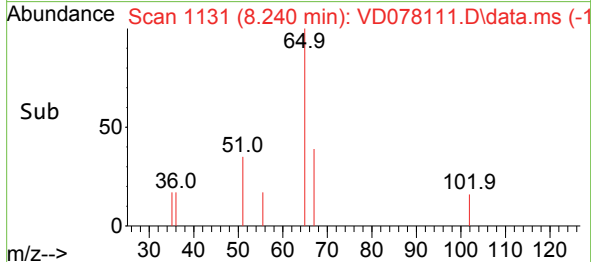
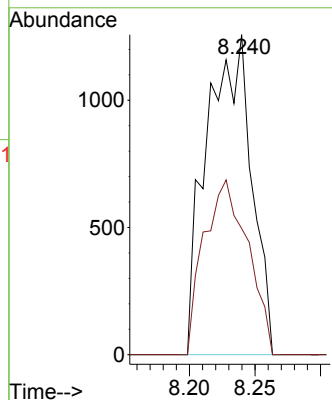
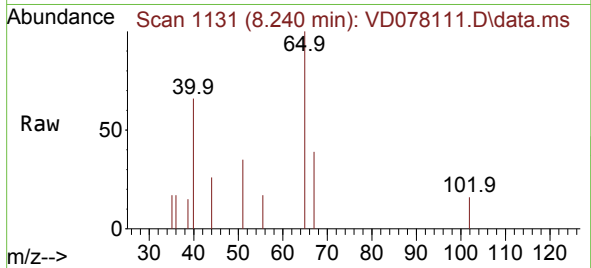




#33
1,2-Dichloroethane-d4
Concen: 63.001 ug/l
RT: 8.240 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

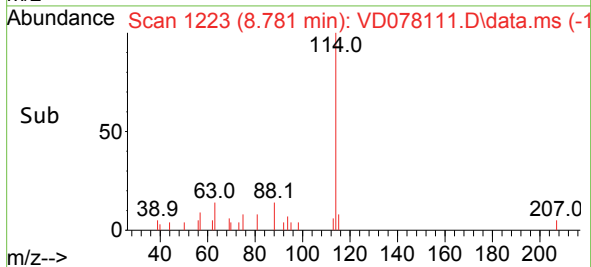
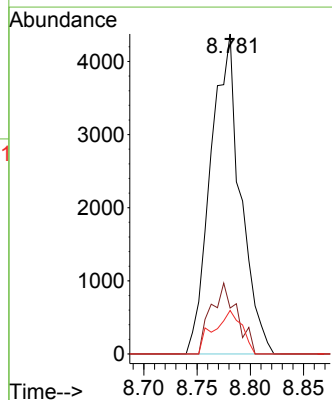
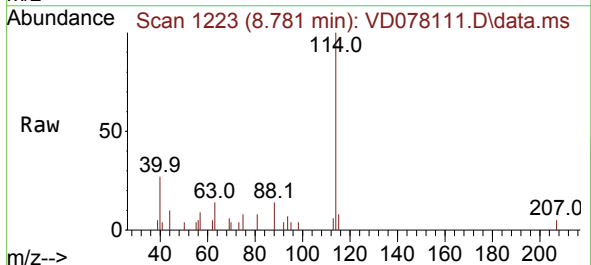
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

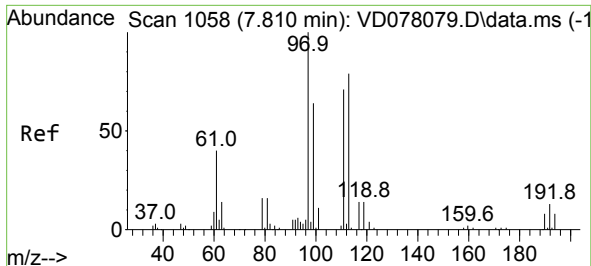
Tgt Ion: 65 Resp: 2985
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:114 Resp: 8519
Ion Ratio Lower Upper
114 100
63 14.4 0.0 33.4
88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.651 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078111.D

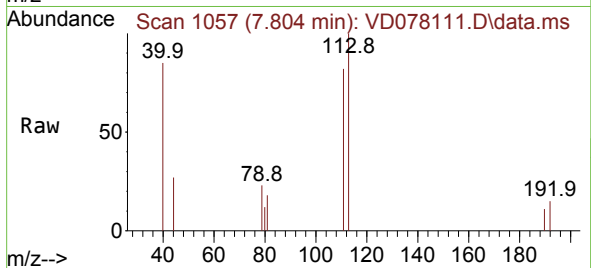
Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB32-1-20231222-10.0-11.0



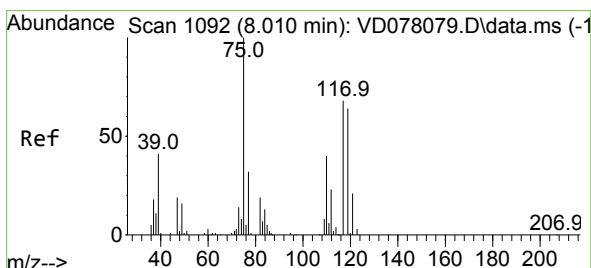
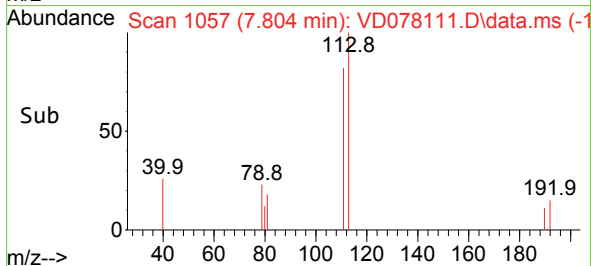
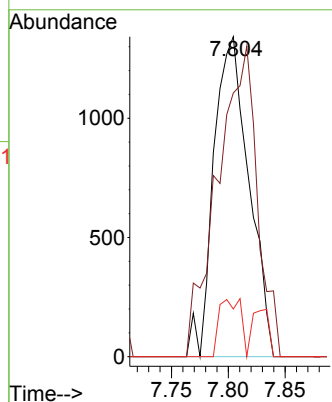
Tgt Ion:113 Resp: 2886

Ion Ratio Lower Upper

113 100

111 109.7 84.7 127.1

192 11.1 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 1.621 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

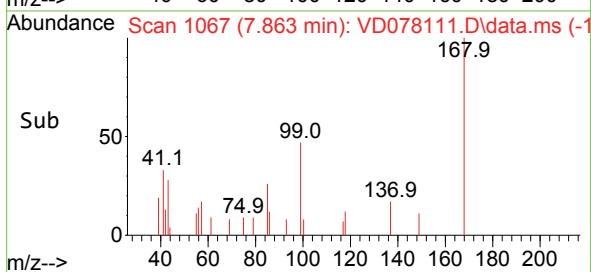
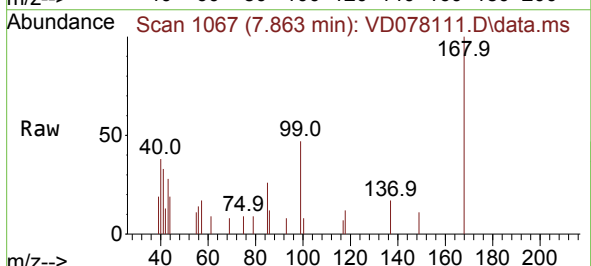
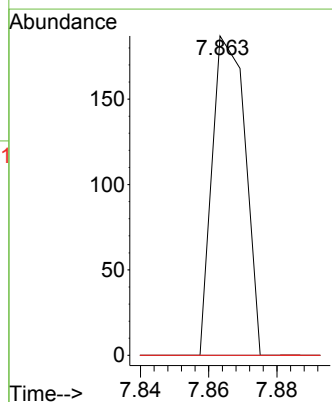
Tgt Ion: 75 Resp: 125

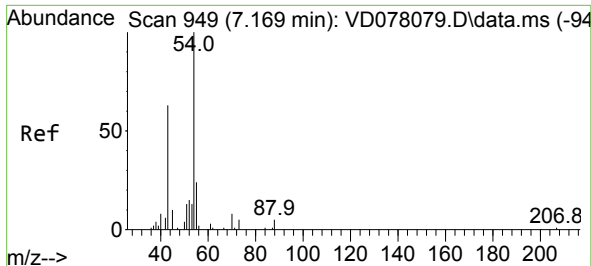
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

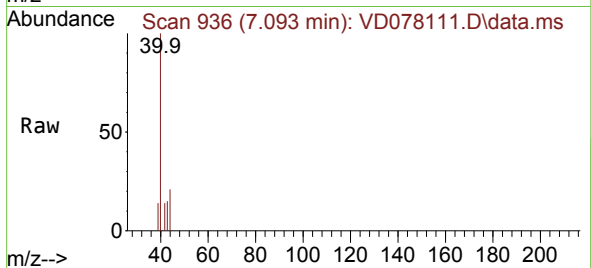
77 0.0 24.7 37.1#



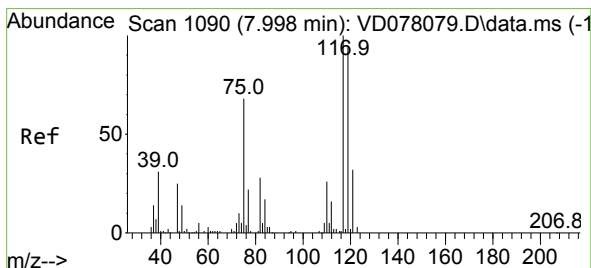
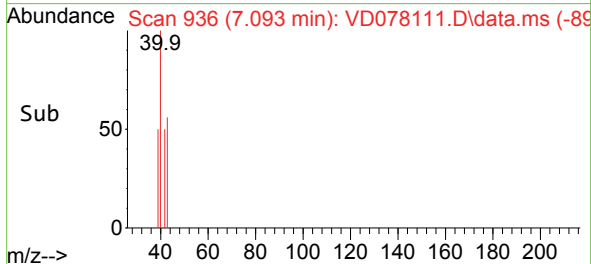
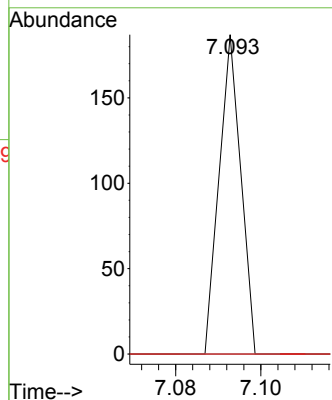


#37
Ethyl Acetate
Concen: 2.573 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.076 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

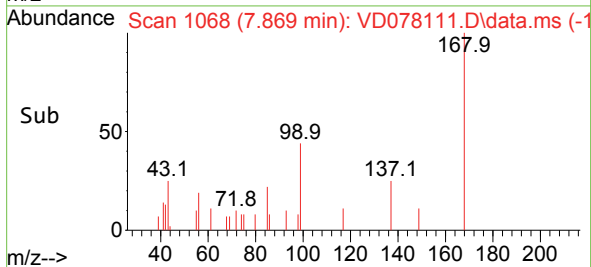
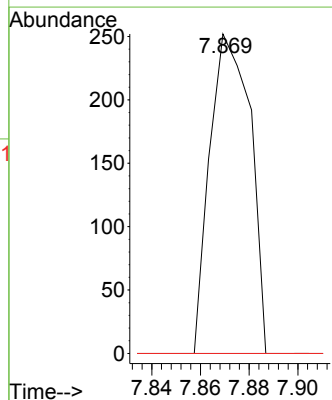
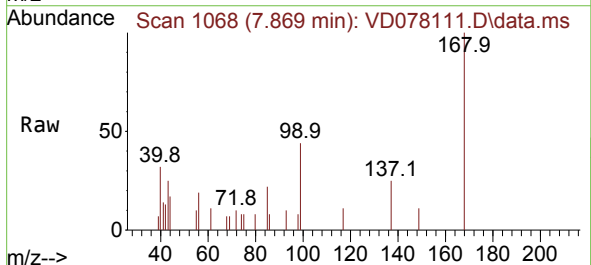


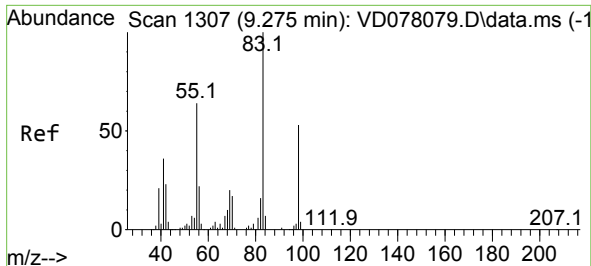
Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3#
70	0.0	10.0	15.0#



#38
Carbon Tetrachloride
Concen: 3.482 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.129 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:	117	Resp:	291
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#

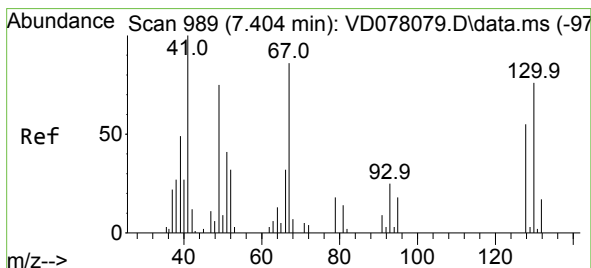
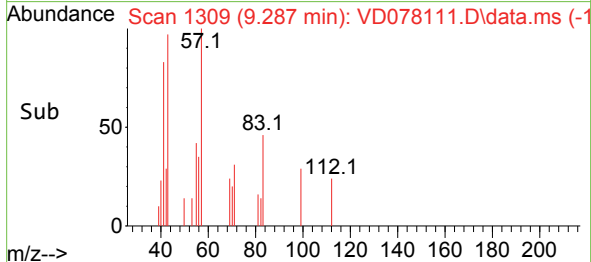
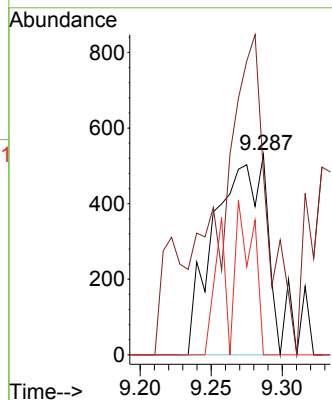
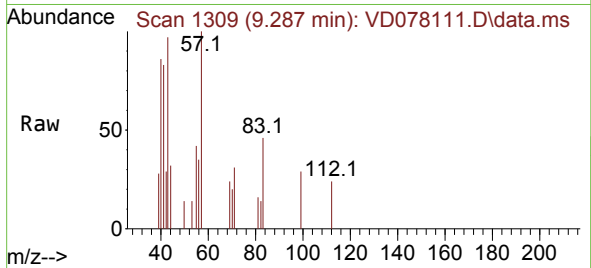




#39
Methylcyclohexane
Concen: 14.872 ug/l
RT: 9.287 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

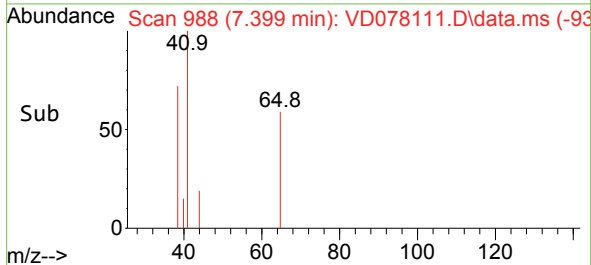
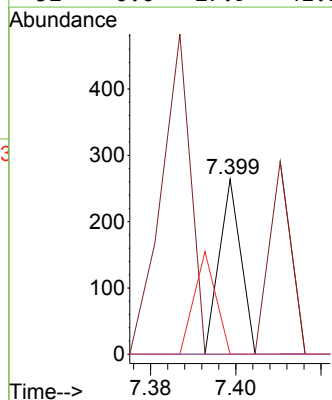
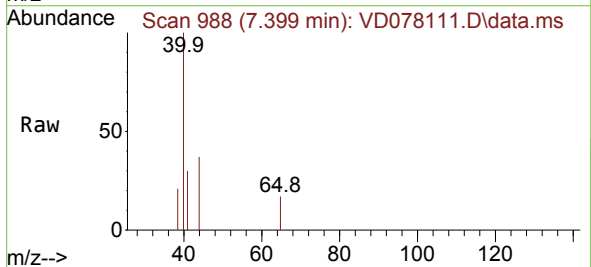
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

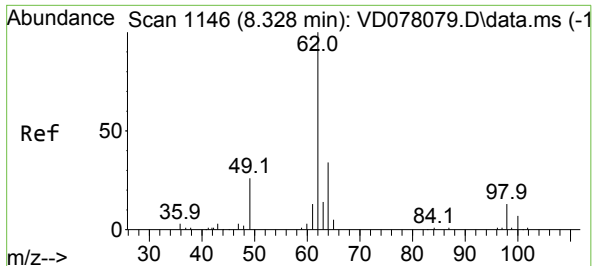
Tgt Ion: 83 Resp: 1315
Ion Ratio Lower Upper
83 100
55 45.3 49.4 74.0#
98 0.0 38.4 57.6#



#41
Methacrylonitrile
Concen: 5.731 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 41 Resp: 93
Ion Ratio Lower Upper
41 100
39 247.3 34.0 51.0#
67 59.1 77.0 115.4#
52 0.0 27.9 41.9#





#42

1,2-Dichloroethane

Concen: 1.332 ug/l

RT: 8.340 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

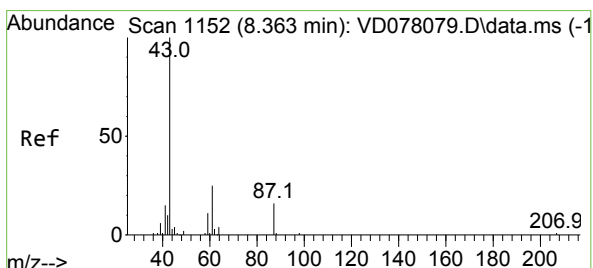
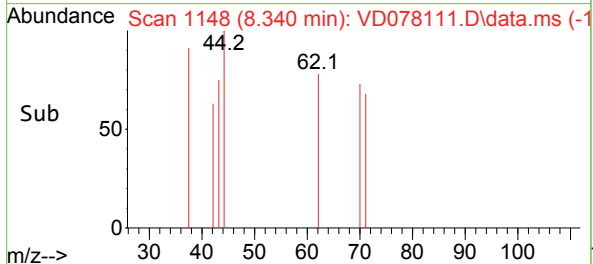
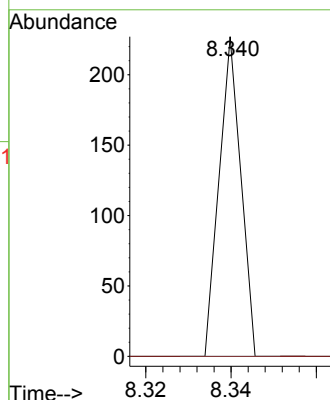
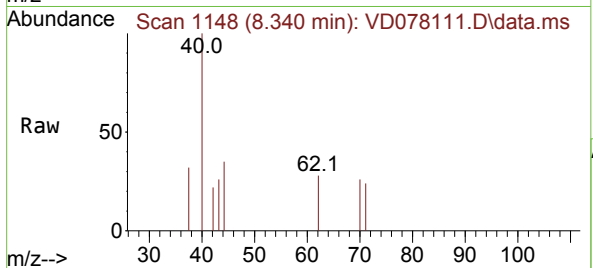
SB32-1-20231222-10.0-11.0

Tgt Ion: 62 Resp: 80

Ion Ratio Lower Upper

62 100

98 0.0 0.0 25.4



#43

Isopropyl Acetate

Concen: 5.881 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

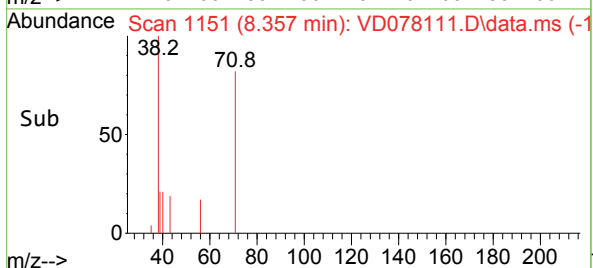
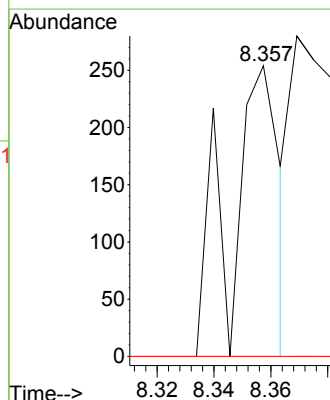
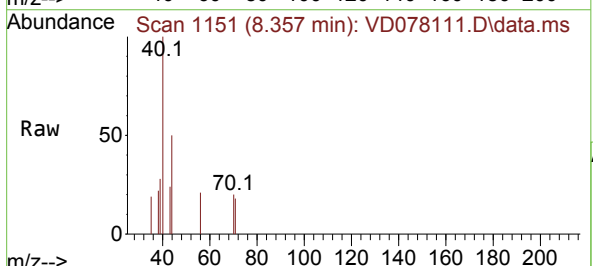
Tgt Ion: 43 Resp: 302

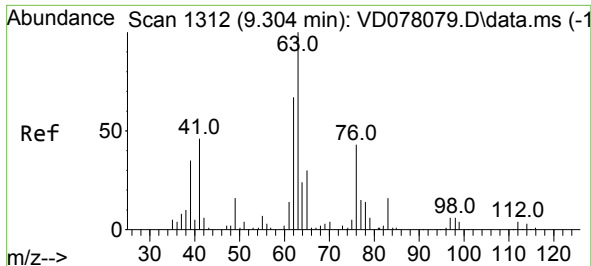
Ion Ratio Lower Upper

43 100

61 0.0 31.4 47.0#

87 0.0 14.9 22.3#





#45

1,2-Dichloropropane

Concen: 1.047 ug/l

RT: 9.075 min Scan# 11

Delta R.T. -0.229 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

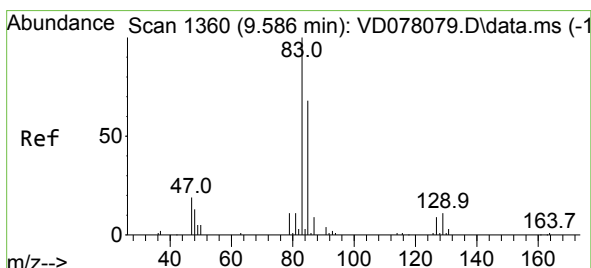
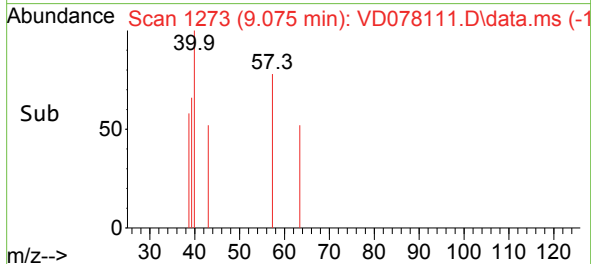
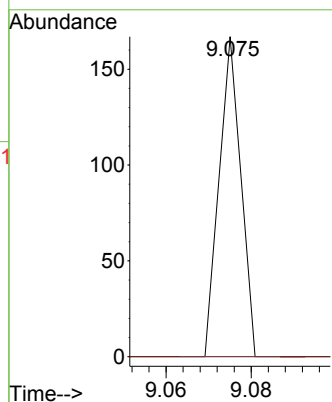
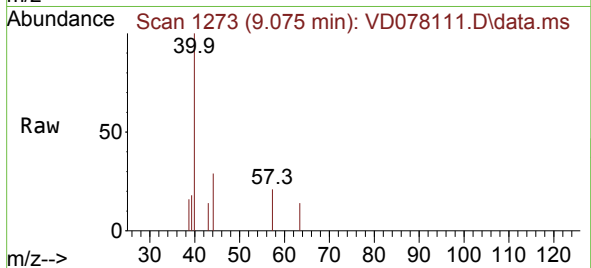
SB32-1-20231222-10.0-11.0

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#47

Bromodichloromethane

Concen: 2.233 ug/l

RT: 9.569 min Scan# 1357

Delta R.T. -0.017 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

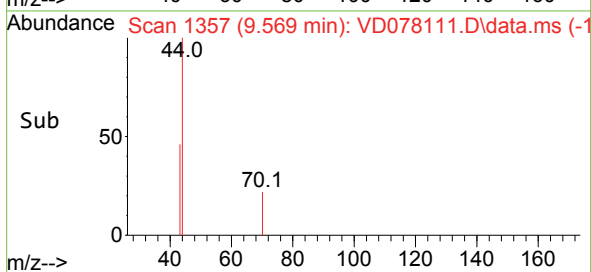
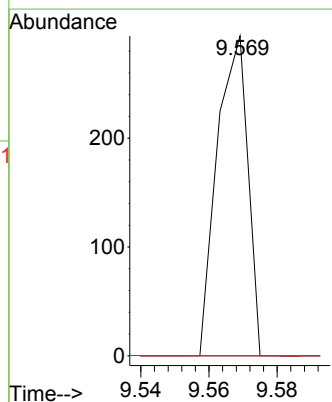
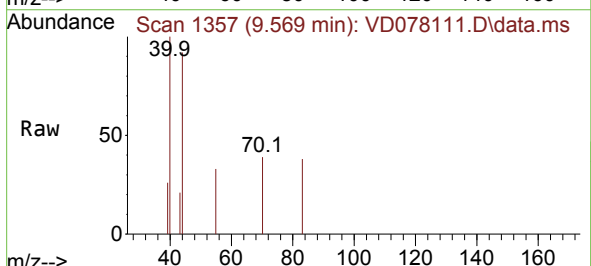
Tgt Ion: 83 Resp: 183

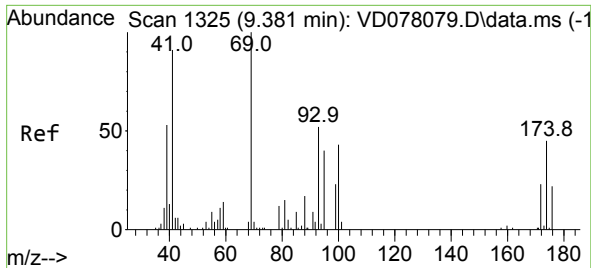
Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.4#

127 0.0 6.3 9.5#

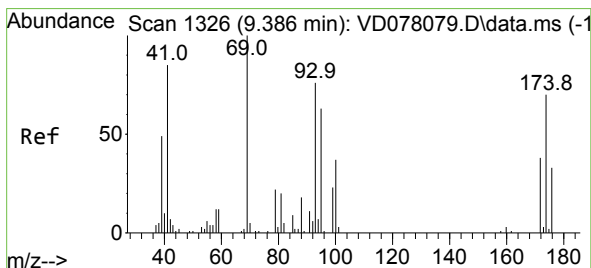
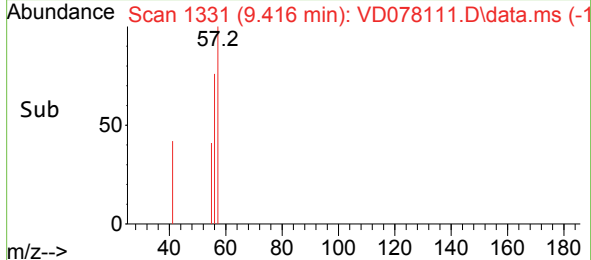
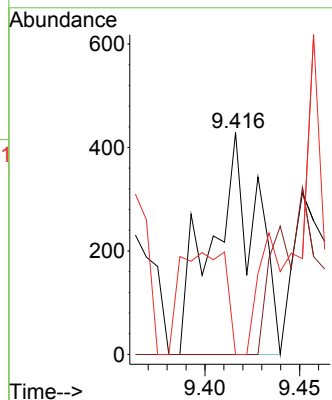
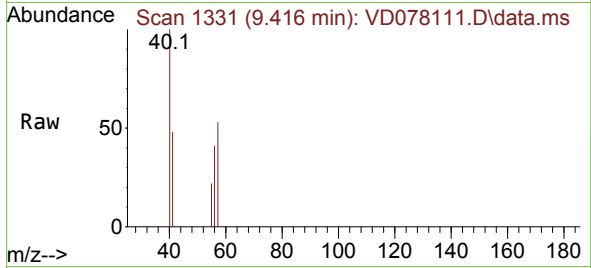




#48
Methyl methacrylate
Concen: 24.428 ug/l
RT: 9.416 min Scan# 11
Delta R.T. 0.036 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

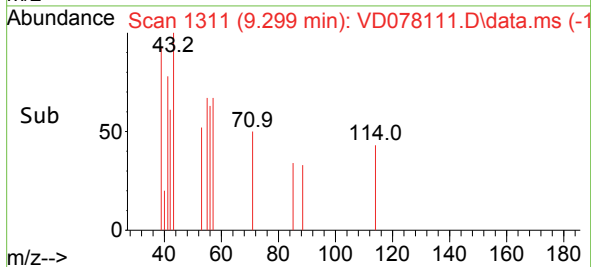
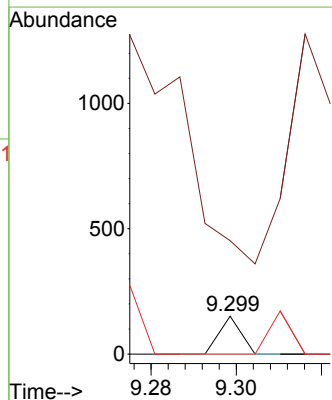
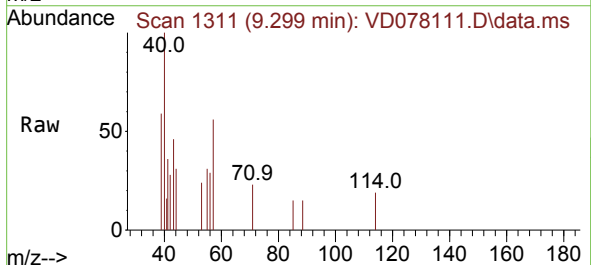
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

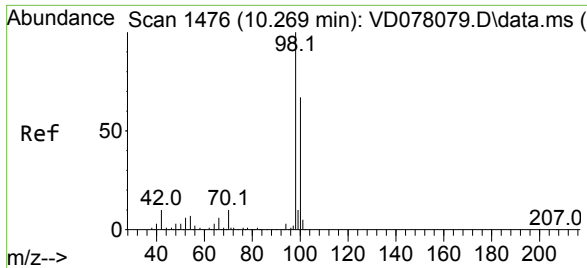
Tgt Ion: 41 Resp: 707
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 47.2 41.4 62.2



#49
1,4-Dioxane
Concen: 177.712 ug/l
RT: 9.299 min Scan# 1311
Delta R.T. -0.088 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 115.1 43.5 65.3#

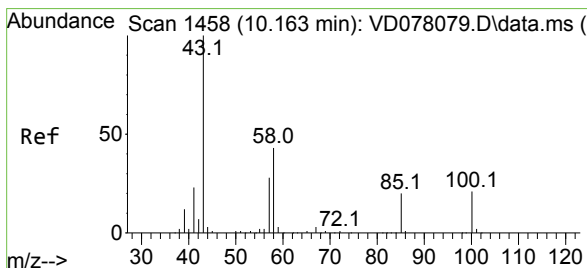
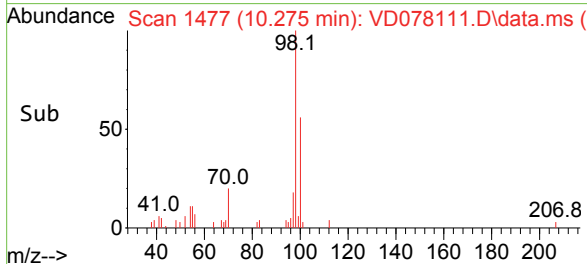
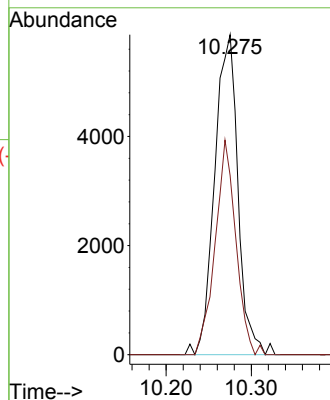
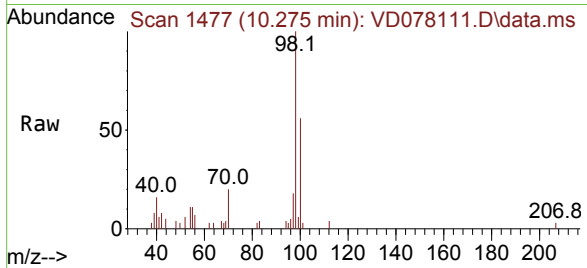




#50
Toluene-d8
Concen: 57.831 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

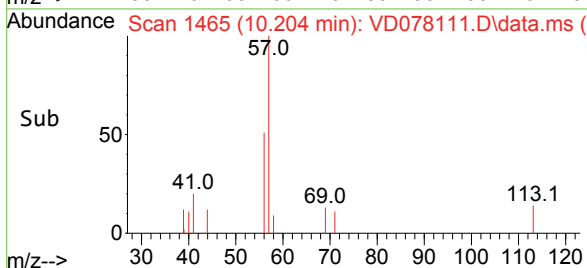
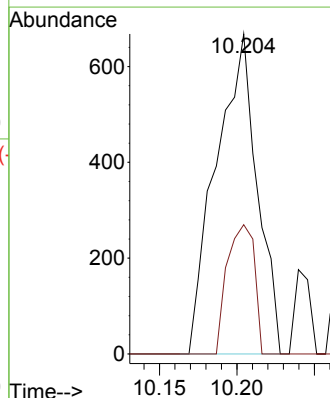
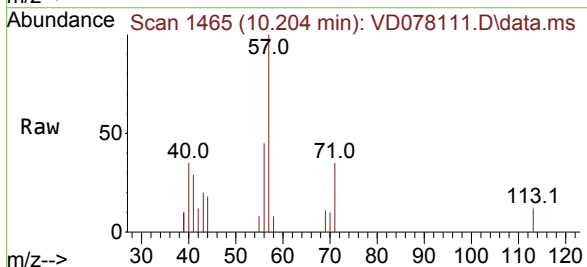
Instrument : MSVOA_D
ClientSampleId : SB32-1-20231222-10.0-11.0

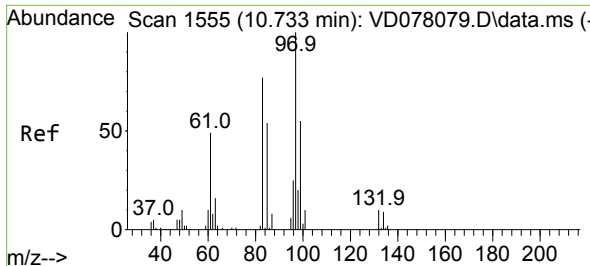
Tgt Ion: 98 Resp: 11154
Ion Ratio Lower Upper
98 100
100 59.7 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 46.640 ug/l
RT: 10.204 min Scan# 1465
Delta R.T. 0.041 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

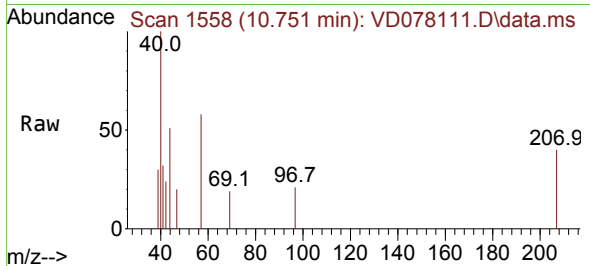
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 26.8 38.9 58.3#



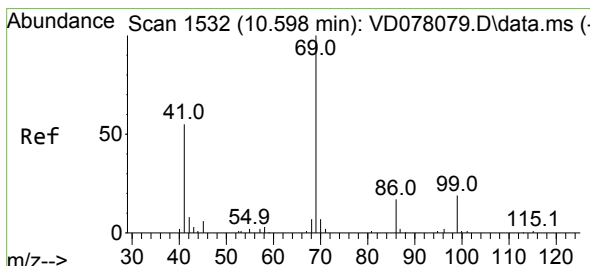
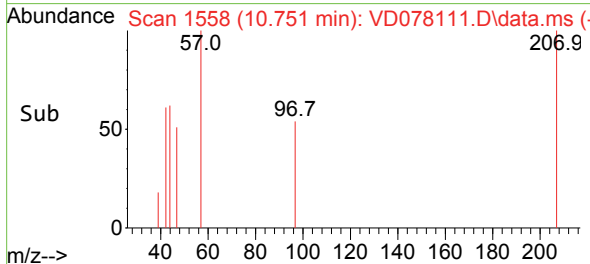
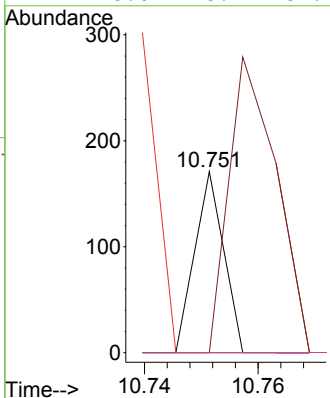


#55
1,1,2-Trichloroethane
Concen: 1.351 ug/l
RT: 10.751 min Scan# 1558
Delta R.T. 0.018 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument : MSVOA_D
ClientSampleId : SB32-1-20231222-10.0-11.0

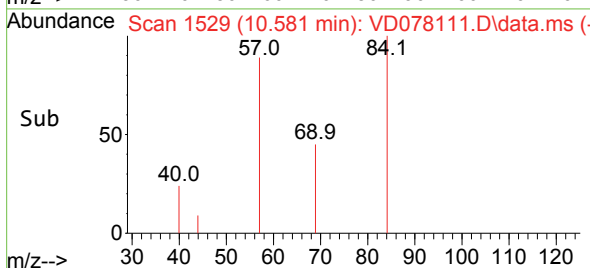
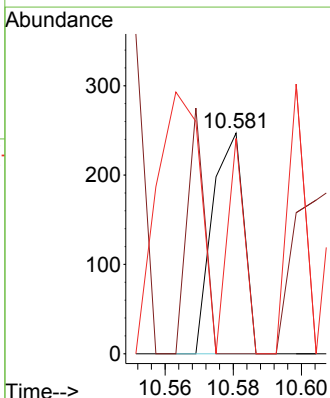
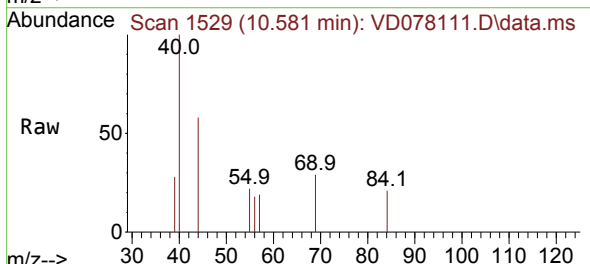


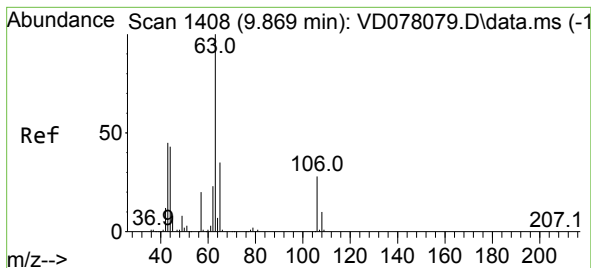
Tgt Ion: 97	Resp: 60
Ion Ratio	Lower Upper
97	100
83	0.0 65.8 98.6#
85	0.0 45.7 68.5#
99	0.0 46.2 69.4#



#56
Ethyl methacrylate
Concen: 4.456 ug/l
RT: 10.581 min Scan# 1529
Delta R.T. -0.017 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 69	Resp: 157
Ion Ratio	Lower Upper
69	100
41	0.0 39.1 58.7#
39	68.2 20.0 30.0#

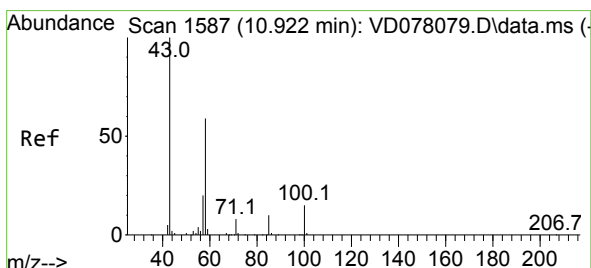
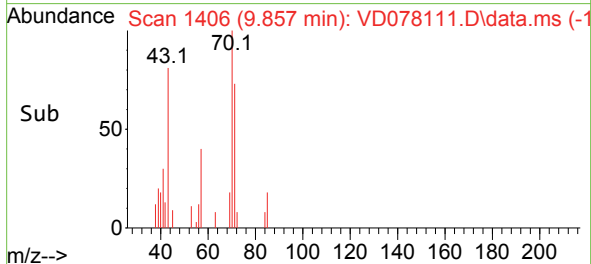
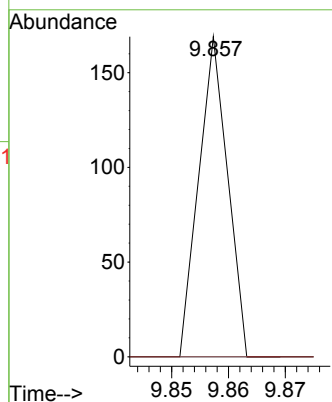
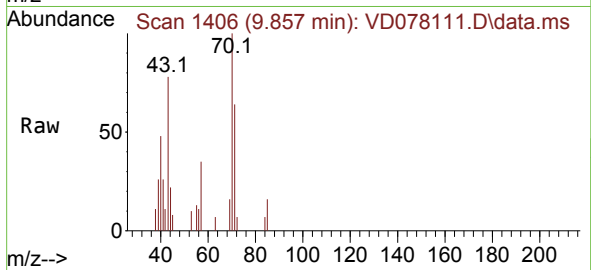




#58
2-Chloroethyl Vinyl ether
Concen: 3.934 ug/l
RT: 9.857 min Scan# 1408
Delta R.T. -0.012 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

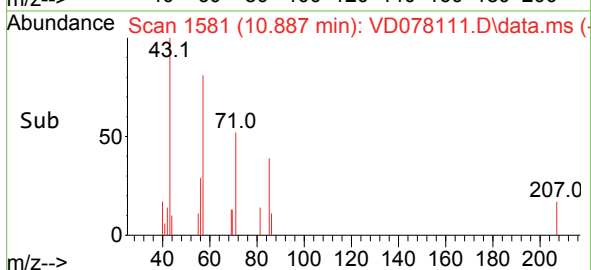
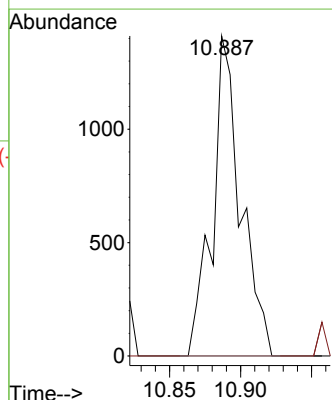
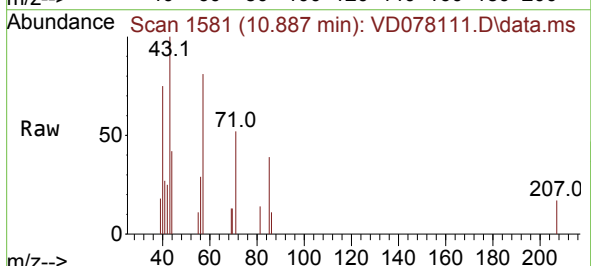
Instrument : MSVOA_D
ClientSampleId : SB32-1-20231222-10.0-11.0

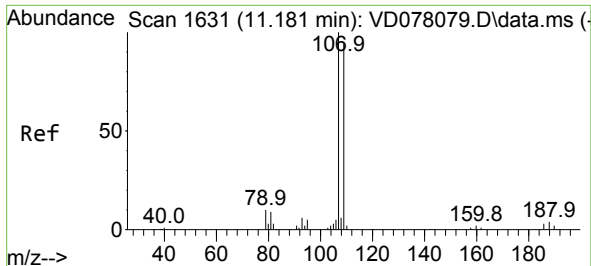
Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#59
2-Hexanone
Concen: 95.024 ug/l
RT: 10.887 min Scan# 1581
Delta R.T. -0.035 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

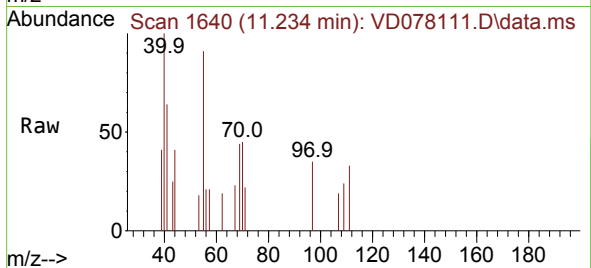
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



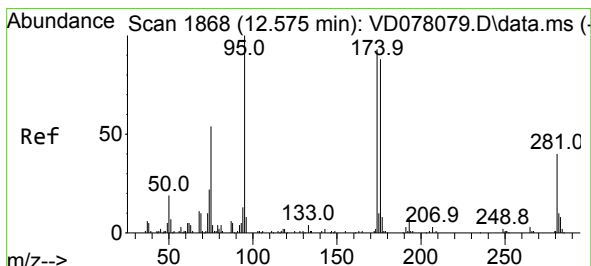
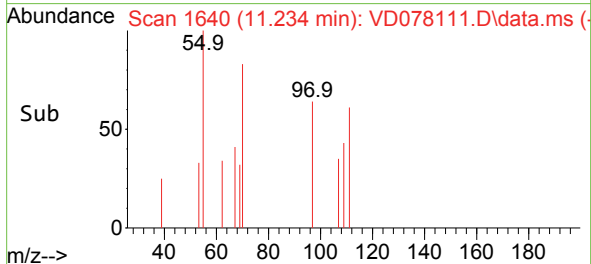
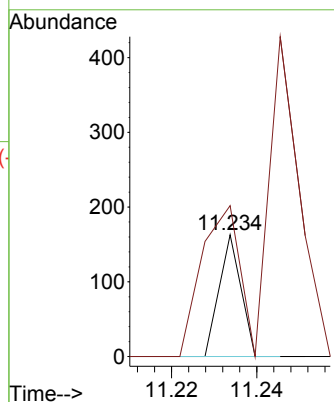


#61
1,2-Dibromoethane
Concen: 1.363 ug/l
RT: 11.234 min Scan# 1640
Delta R.T. 0.053 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

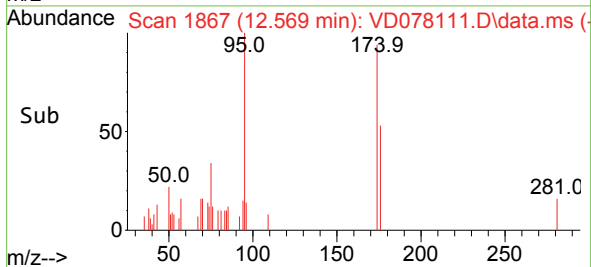
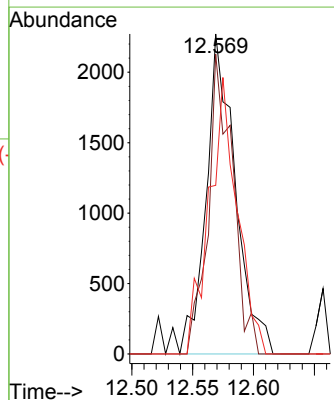
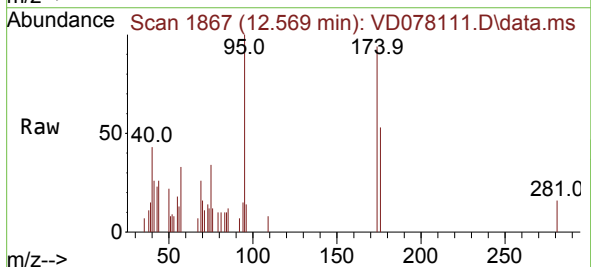


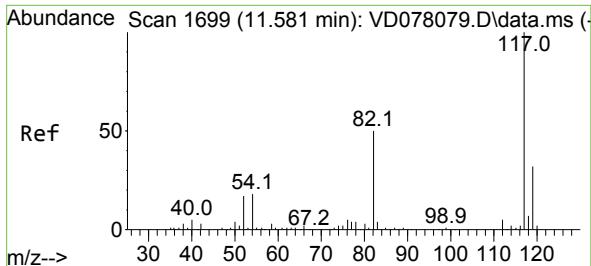
Tgt Ion:107 Resp: 58
Ion Ratio Lower Upper
107 100
109 575.9 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 60.943 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 95 Resp: 3782
Ion Ratio Lower Upper
95 100
174 79.1 0.0 201.8
176 83.0 0.0 191.8

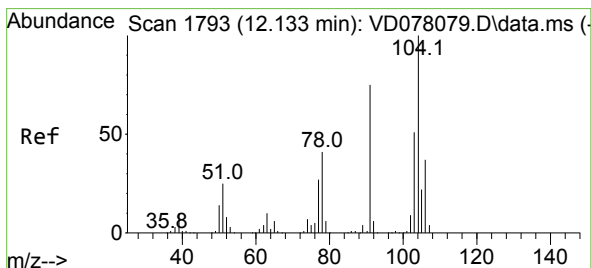
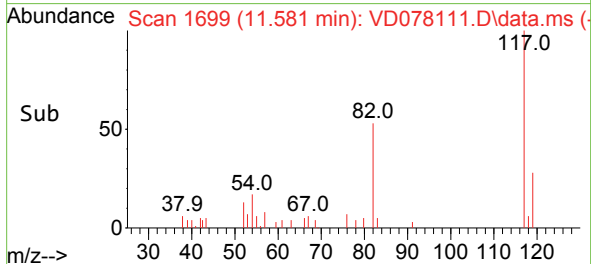
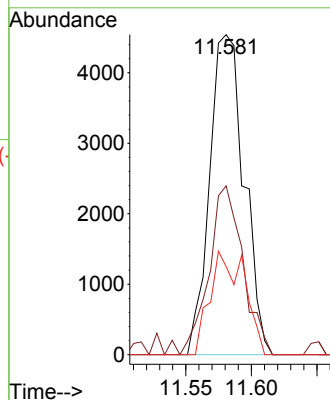
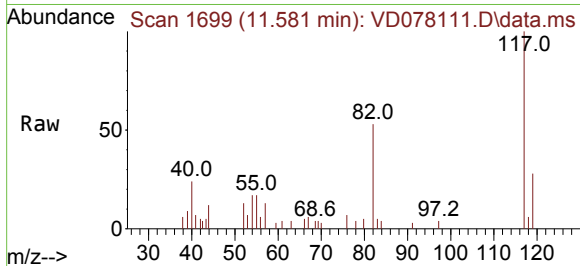




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

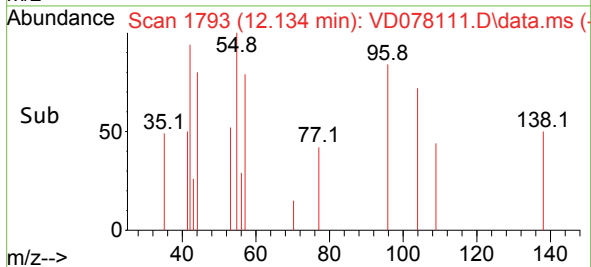
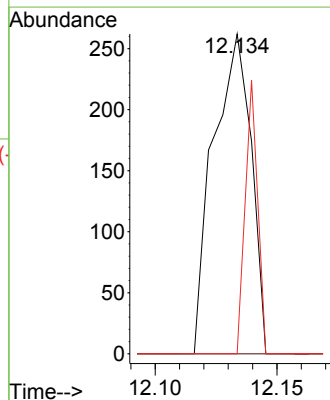
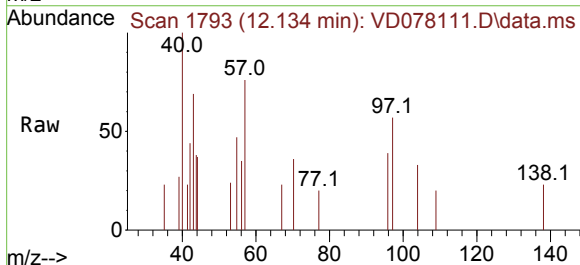
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

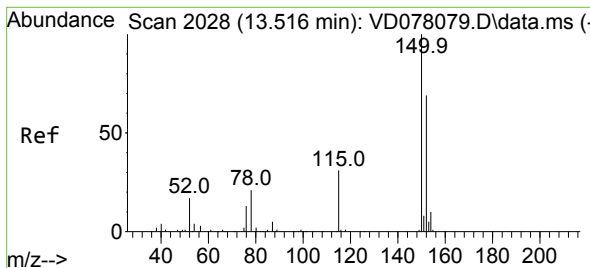
Tgt Ion:	117	Resp:	8321
Ion Ratio	Lower	Upper	
117	100		
82	52.7	38.3	57.5
119	27.5	25.0	37.4



#70
Styrene
Concen: 1.709 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:	104	Resp:	282
Ion Ratio	Lower	Upper	
104	100		
78	0.0	33.2	49.8#
103	28.0	43.6	65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB32-1-20231222-10.0-11.0

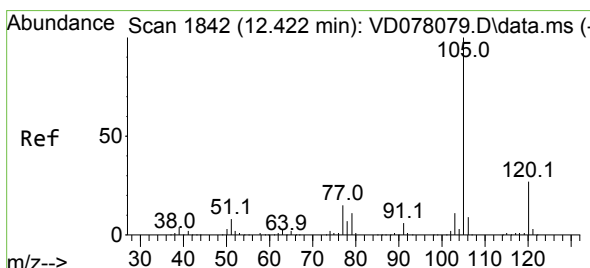
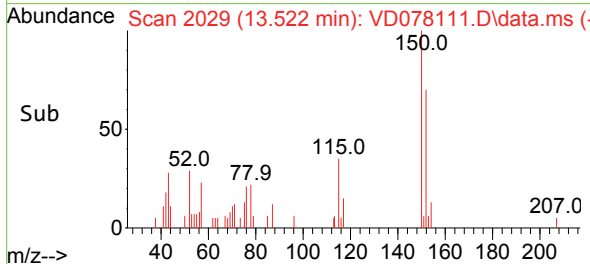
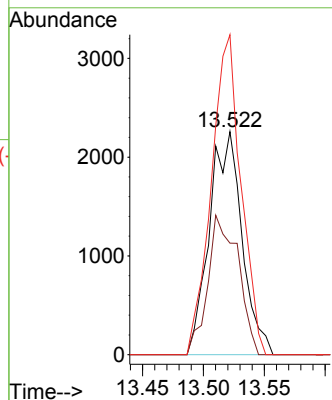
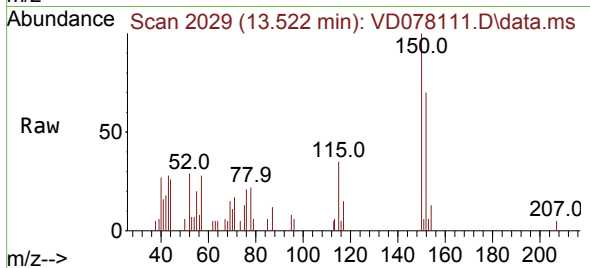
Tgt Ion:152 Resp: 4204

Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

150 131.0 0.0 353.6



#73

Isopropylbenzene

Concen: 3.115 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD078111.D

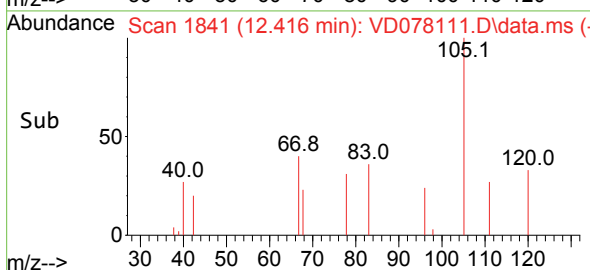
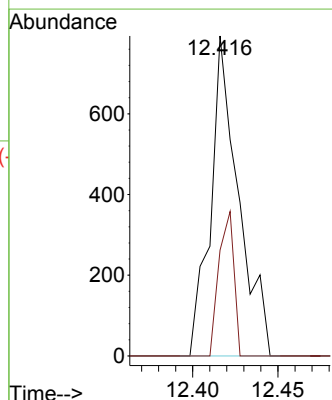
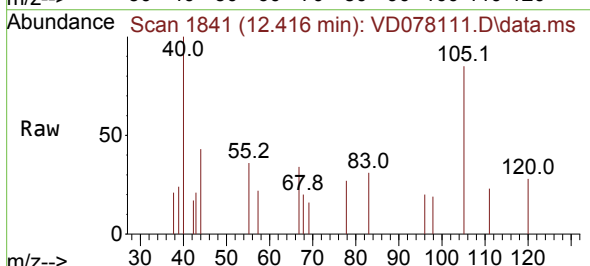
Acq: 29 Dec 2023 16:32

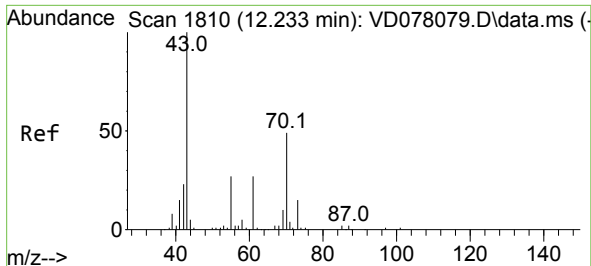
Tgt Ion:105 Resp: 902

Ion Ratio Lower Upper

105 100

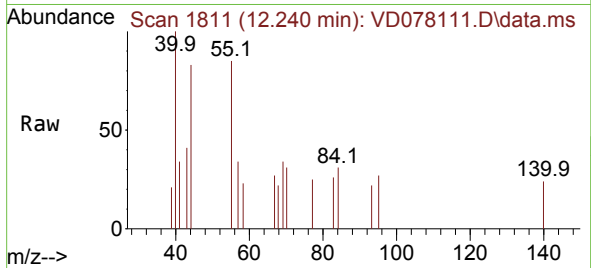
120 24.3 14.3 42.9



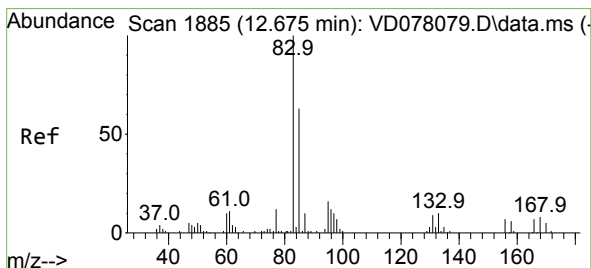
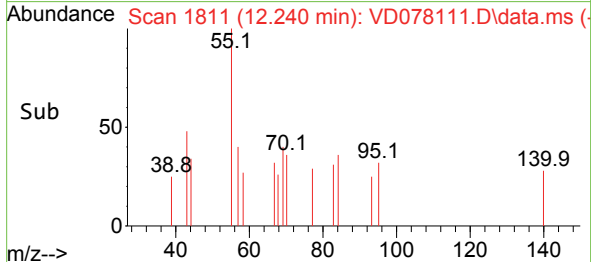
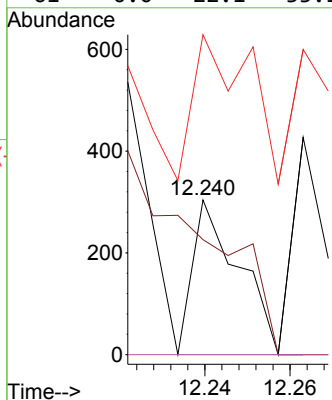


#74
N-amy1 acetate
Concen: 4.743 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

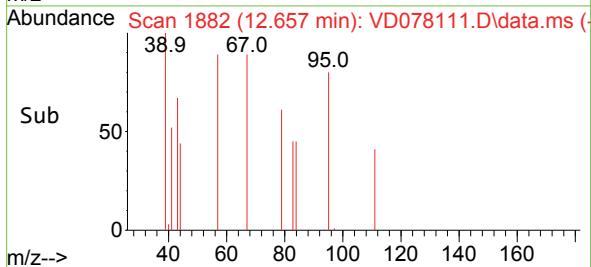
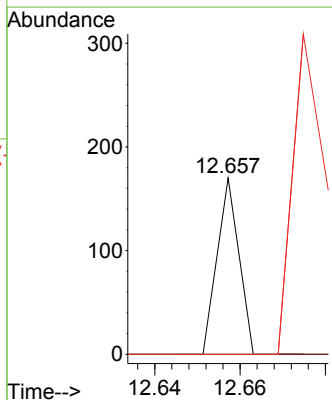
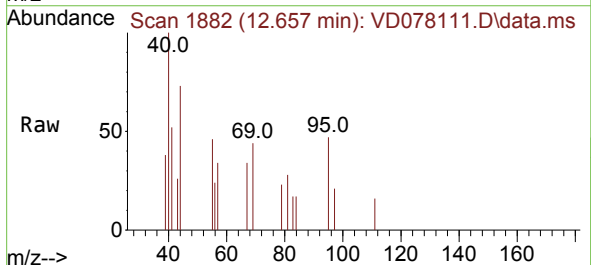


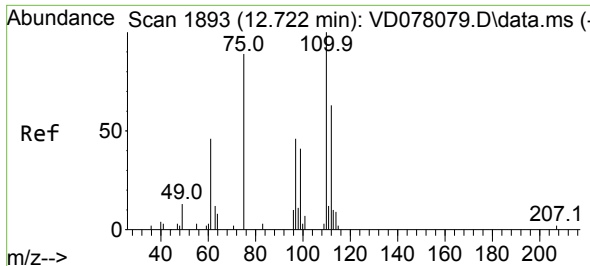
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
70 0.0 45.0 67.4#
55 130.7 23.8 35.6#
61 0.0 22.1 33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.140 ug/l
RT: 12.657 min Scan# 1882
Delta R.T. -0.017 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 83 Resp: 60
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 275.0 32.6 97.8#

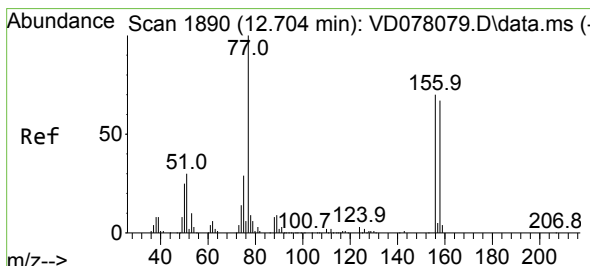
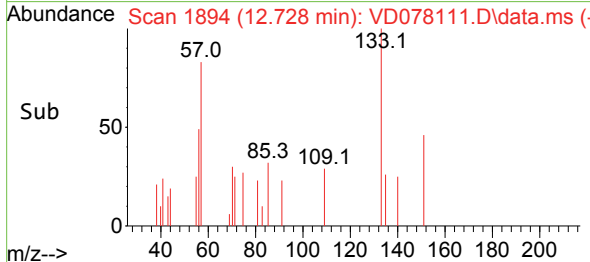
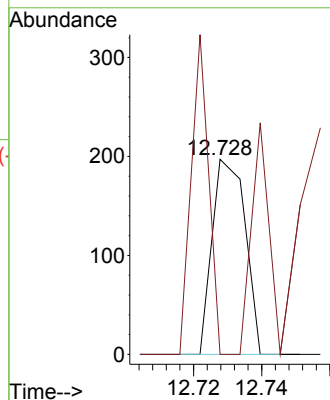
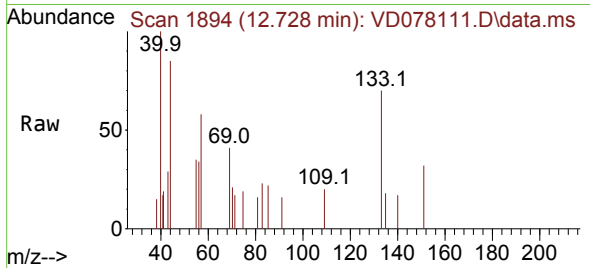




#76
1,2,3-Trichloropropane
Concen: 3.722 ug/l
RT: 12.728 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

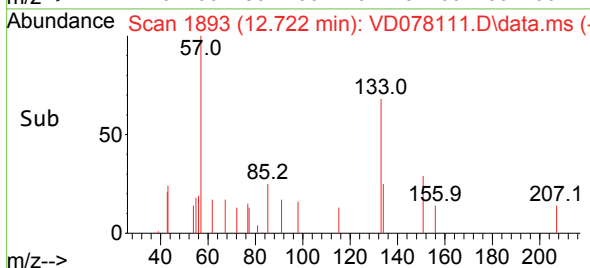
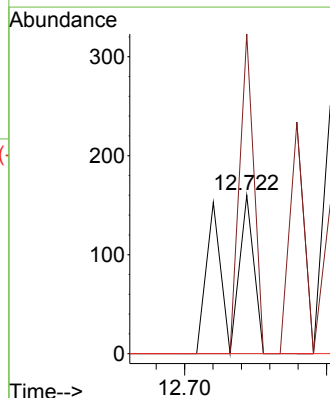
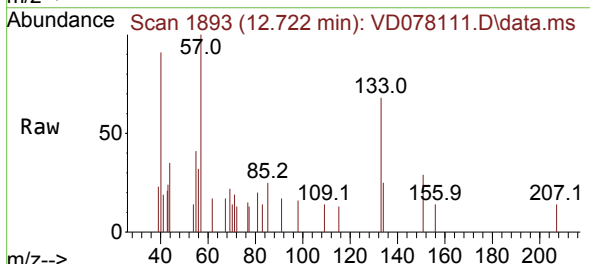
Instrument : MSVOA_D
ClientSampleId : SB32-1-20231222-10.0-11.0

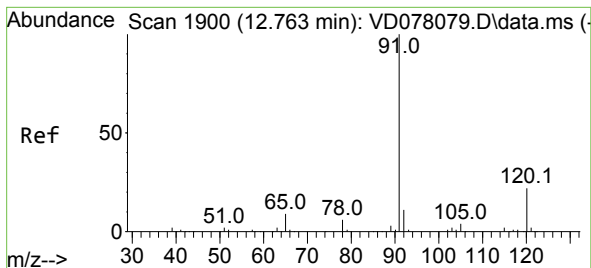
Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
77 86.4 0.0 0.0#



#77
Bromobenzene
Concen: 1.562 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.018 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:156 Resp: 110
Ion Ratio Lower Upper
156 100
77 103.6 76.8 230.4
158 0.0 48.6 145.9#





#78

n-propylbenzene

Concen: 5.781 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

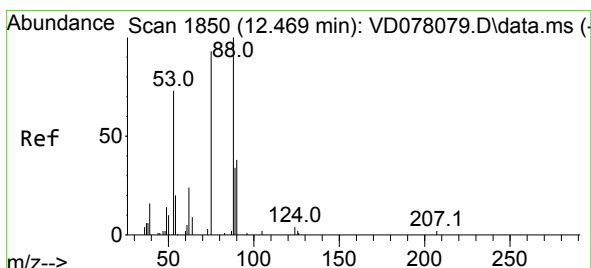
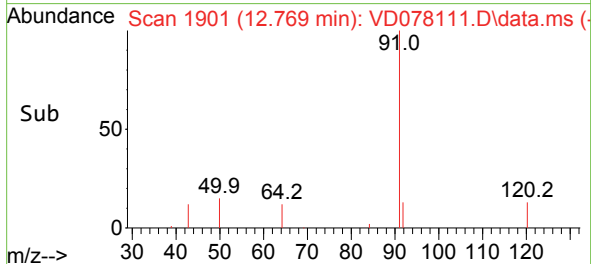
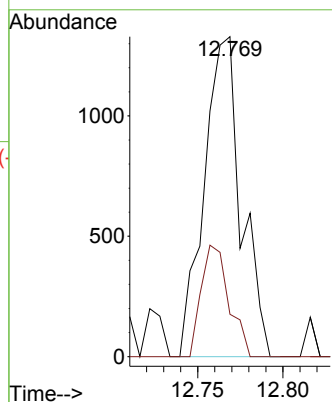
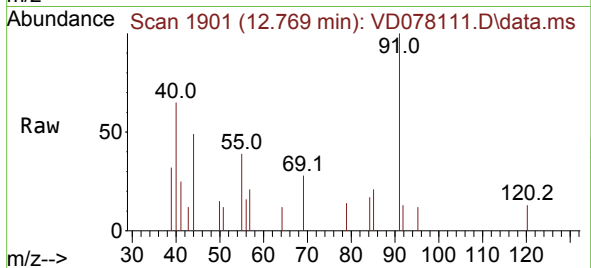
SB32-1-20231222-10.0-11.0

Tgt Ion: 91 Resp: 2015

Ion Ratio Lower Upper

91 100

120 26.0 12.4 37.2



#81

trans-1,4-Dichloro-2-butene

Concen: 113.426 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078111.D

Acq: 29 Dec 2023 16:32

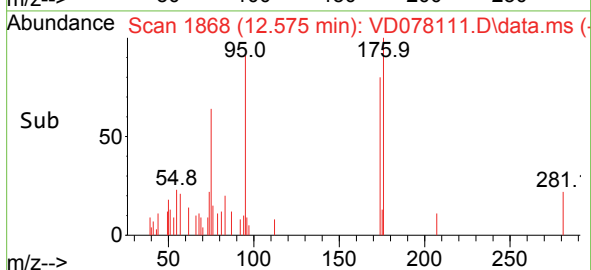
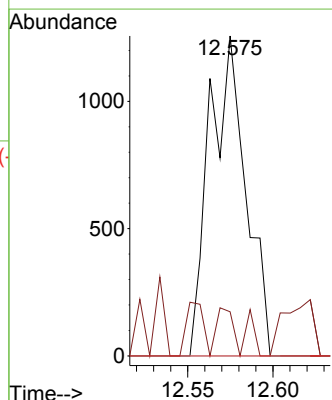
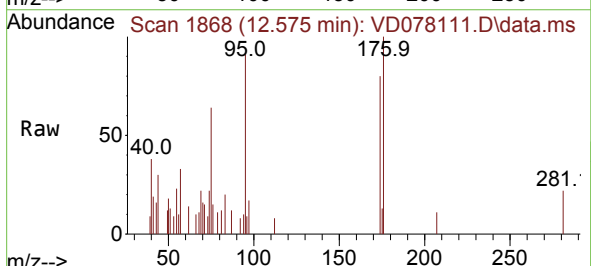
Tgt Ion: 75 Resp: 1867

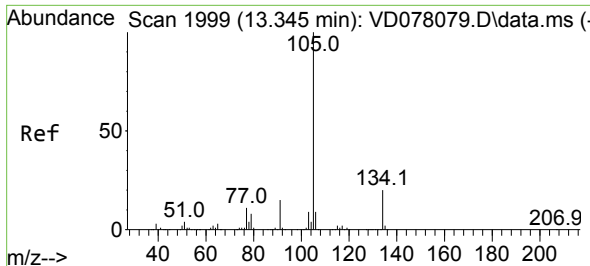
Ion Ratio Lower Upper

75 100

53 10.3 63.0 94.4#

89 0.0 37.9 56.9#

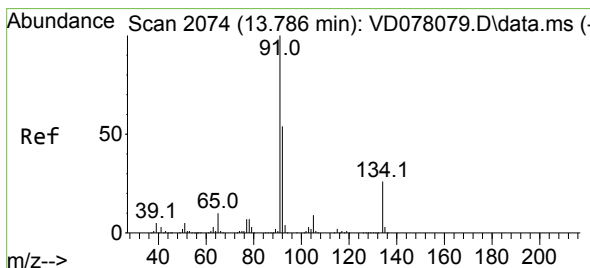
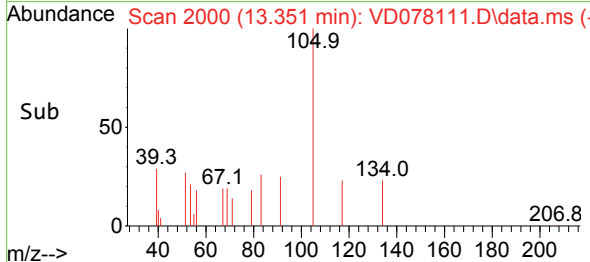
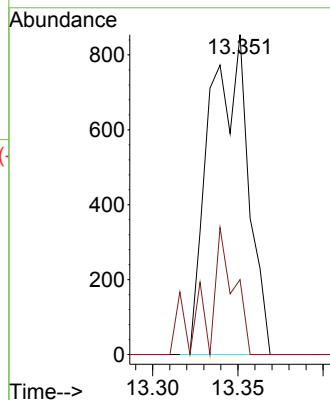
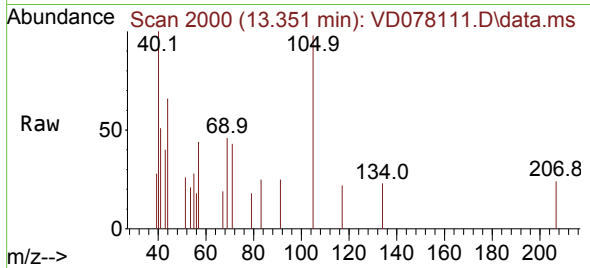




#85
 sec-Butylbenzene
 Concen: 4.434 ug/l
 RT: 13.351 min Scan# 2109
 Delta R.T. 0.006 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

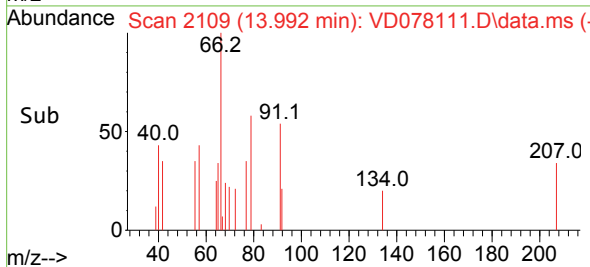
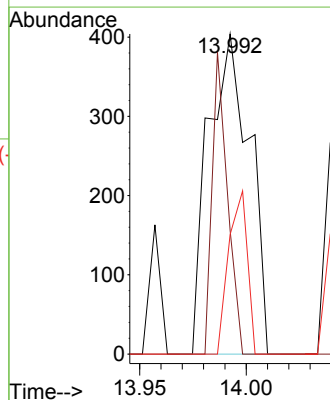
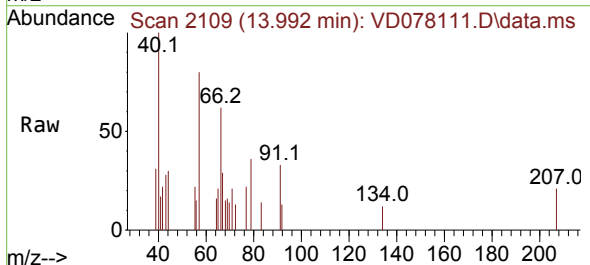
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32-1-20231222-10.0-11.0

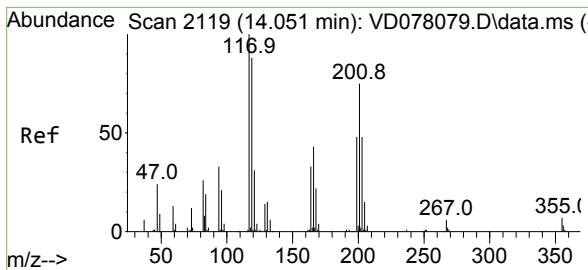
Tgt Ion:105 Resp: 1358
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.9 32.9



#89
 n-Butylbenzene
 Concen: 2.162 ug/l
 RT: 13.992 min Scan# 2109
 Delta R.T. 0.206 min
 Lab File: VD078111.D
 Acq: 29 Dec 2023 16:32

Tgt Ion: 91 Resp: 544
 Ion Ratio Lower Upper
 91 100
 92 34.9 26.5 79.5
 134 23.2 13.8 41.3

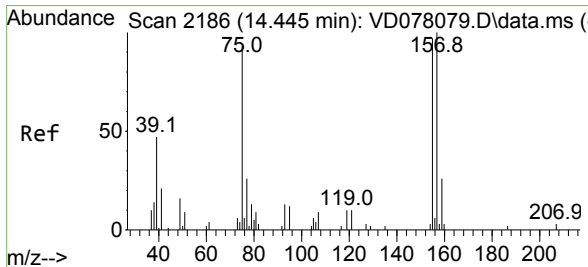
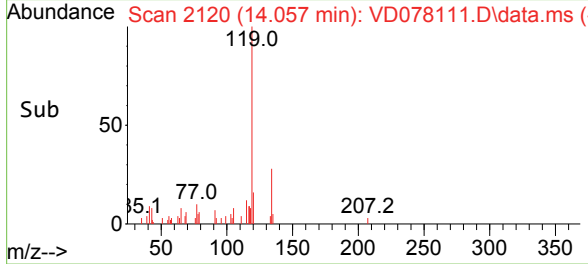
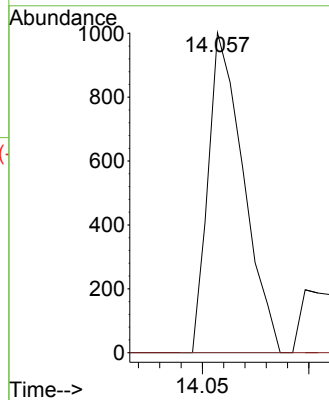
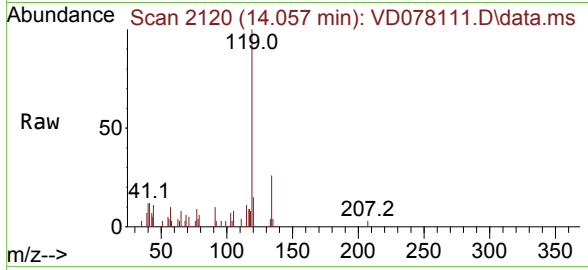




#90
Hexachloroethane
Concen: 21.059 ug/l
RT: 14.057 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:117 Resp: 1154
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.869 ug/l
RT: 14.581 min Scan# 2209
Delta R.T. 0.136 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#

