

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074982.D
 Acq On : 24 Oct 2022 14:36
 Operator : JC\MD
 Sample : N5222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 06:39:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	334480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358893	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	354235	39.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.720%
35) Dibromofluoromethane	8.171	113	265571	40.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.280%
50) Toluene-d8	10.570	98	1132657	44.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.853	95	491642	54.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	3794	Below Cal	#	74
4) Vinyl Chloride	2.518	62	1477	Below Cal	#	24
5) Bromomethane	2.900	94	421	Below Cal	#	39
6) Chloroethane	3.124	64	16586	0.500	ug/l	91
7) Trichlorofluoromethane	3.494	101	391	Below Cal	#	18
9) 1,1,2-Trichlorotrifluo...	4.377	101	59	Below Cal	#	19
11) Tert butyl alcohol	5.541	59	31652	16.846	ug/l	# 72
12) 1,1-Dichloroethene	4.347	96	178	Below Cal	#	1
13) Acrolein	4.153	56	3172	Below Cal	#	1
14) Allyl chloride	5.288	41	291217	35.783	ug/l	# 55
15) Acrylonitrile	5.824	53	72534	19.085	ug/l	# 41
16) Acetone	4.436	43	202159	56.159	ug/l	# 63
17) Carbon Disulfide	4.724	76	4139	Below Cal	#	87
18) Methyl Acetate	5.283	43	714289	63.288	ug/l	# 46
19) Methyl tert-butyl Ether	5.812	73	334892	15.520	ug/l	# 1
21) trans-1,2-Dichloroethene	5.800	96	749	Below Cal	#	9
25) 2-Butanone	7.506	43	94778	17.507	ug/l	90
26) 2,2-Dichloropropane	7.471	77	2789	0.256	ug/l	# 62
27) cis-1,2-Dichloroethene	7.488	96	5635	0.755	ug/l	32
30) Chloroform	7.941	83	55521	4.267	ug/l	# 21
31) Cyclohexane	8.265	56	646751	71.232	ug/l	# 94
36) 1,1-Dichloropropene	8.229	75	31998	3.840	ug/l	# 50
37) Ethyl Acetate	7.506	43	94778	9.660	ug/l	# 66
38) Carbon Tetrachloride	8.224	117	40792	4.497	ug/l	# 16
39) Methylcyclohexane	9.606	83	721343	73.065	ug/l	97
40) Benzene	8.612	78	8373721	325.966	ug/l	98
41) Methacrylonitrile	7.800	41	1712	0.348	ug/l	# 2
42) 1,2-Dichloroethane	8.612	62	72907	7.498	ug/l	# 39
43) Isopropyl Acetate	8.706	43	149219	9.805	ug/l	# 53
44) Trichloroethene	9.347	130	5288	0.839	ug/l	91
46) Dibromomethane	9.729	93	1085	0.224	ug/l	# 1
47) Bromodichloromethane	9.871	83	28169	2.880	ug/l	# 26
48) Methyl methacrylate	9.735	41	9501	1.428	ug/l	# 6
49) 1,4-Dioxane	9.688	88	64	0.333	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.565	43	33477	3.321	ug/l	90
52) Toluene	10.635	92	283160	16.892	ug/l	99

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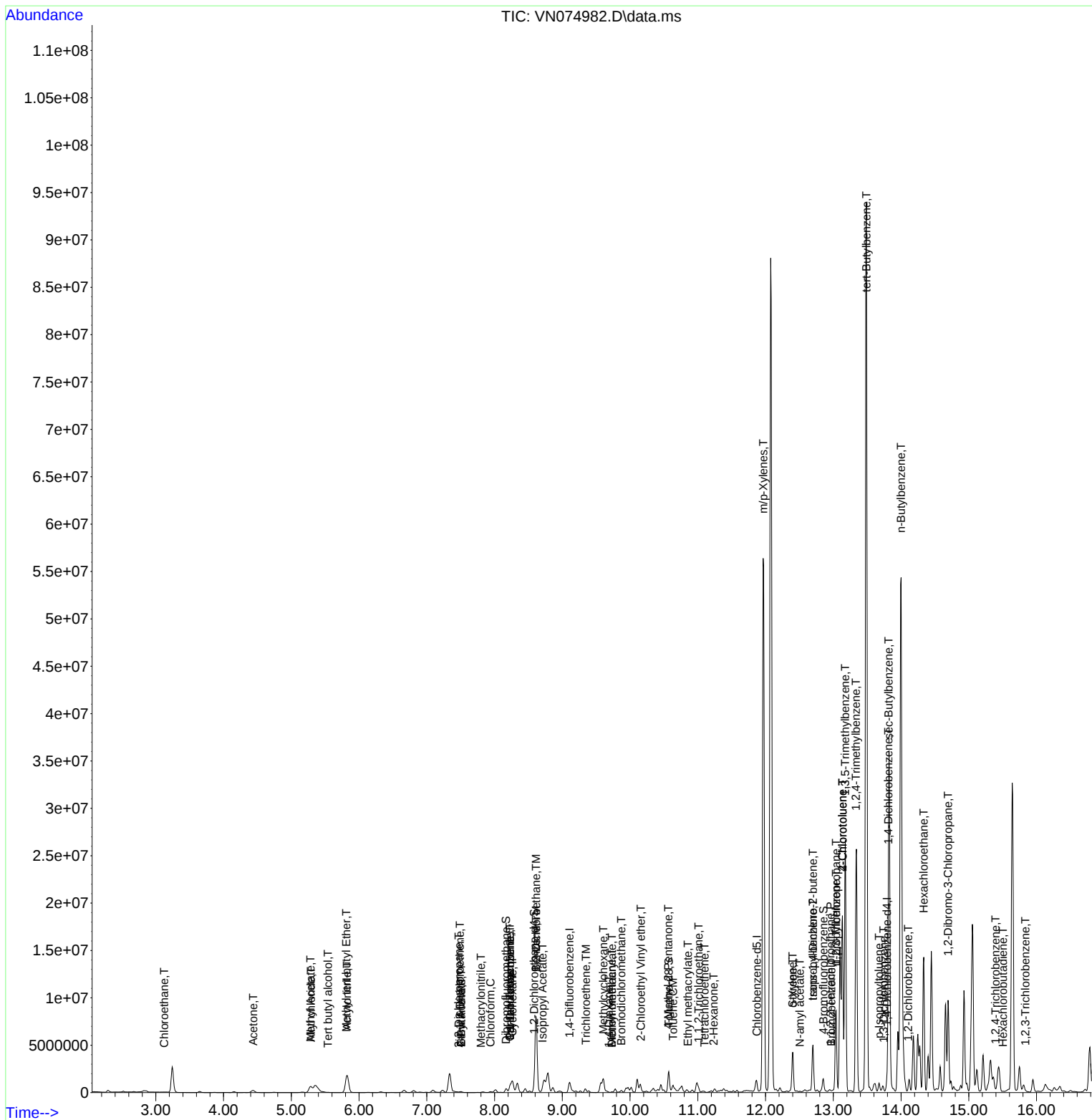
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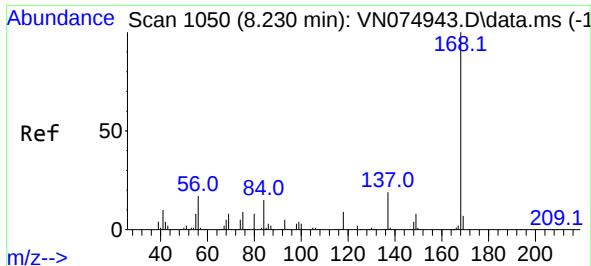
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 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,1,2-Trichloroethane	11.012	97	211399	30.053	ug/l #	22
56) Ethyl methacrylate	10.853	69	7262	0.686	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	1755	3.972	ug/l #	45
59) 2-Hexanone	11.235	43	15722	2.057	ug/l	78
64) Tetrachloroethene	11.100	164	4018	0.990	ug/l #	70
68) m/p-Xylenes	11.965	106	15490053	1491.648	ug/l #	1
69) o-Xylene	12.400	106	1225527	117.811	ug/l	99
70) Styrene	12.400	104	72358	4.389	ug/l #	1
73) Isopropylbenzene	12.700	105	3388558	115.592	ug/l	100
74) N-amyl acetate	12.506	43	13049	1.108	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.959	83	21088	1.926	ug/l #	39
76) 1,2,3-Trichloropropane	13.041	75	41933	4.308	ug/l #	1
77) Bromobenzene	12.970	156	2462	0.366	ug/l #	1
78) n-propylbenzene	13.041	91	7074606	206.206	ug/l	98
79) 2-Chlorotoluene	13.135	91	1303081	61.314	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	14261912	563.234	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.700	75	37128	12.231	ug/l #	60
82) 4-Chlorotoluene	13.135	91	1303081	61.314	ug/l #	41
83) tert-Butylbenzene	13.488	119	8823123	393.742	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.335	105	16330165	638.512	ug/l	83
85) sec-Butylbenzene	13.817	105	17957126	570.753	ug/l #	57
86) p-Isopropyltoluene	13.676	119	514279	19.847	ug/l #	75
87) 1,3-Dichlorobenzene	13.741	146	6948	0.540	ug/l #	1
88) 1,4-Dichlorobenzene	13.811	146	7358	0.564	ug/l #	18
89) n-Butylbenzene	14.000	91	4972766	224.737	ug/l #	46
90) Hexachloroethane	14.335	117	736822	146.766	ug/l #	20
91) 1,2-Dichlorobenzene	14.106	146	5783	0.439	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.694	75	28098	12.352	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	10282	1.792	ug/l #	82
94) Hexachlorobutadiene	15.505	225	1689	0.570	ug/l #	38
96) 1,2,3-Trichlorobenzene	15.835	180	11919	2.064	ug/l #	80

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

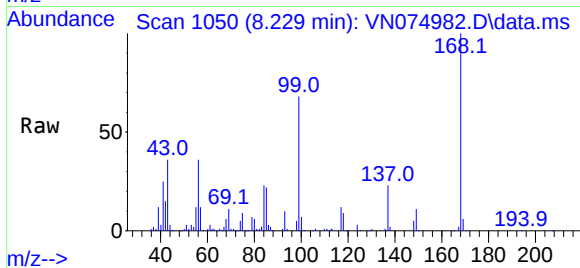
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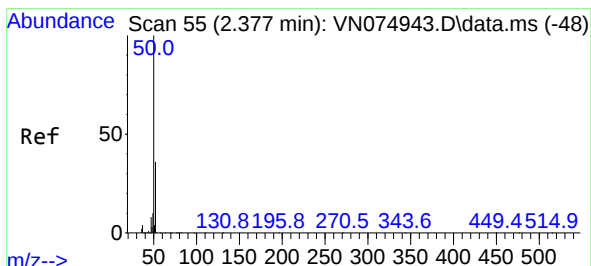
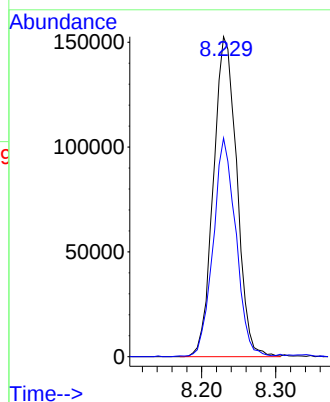
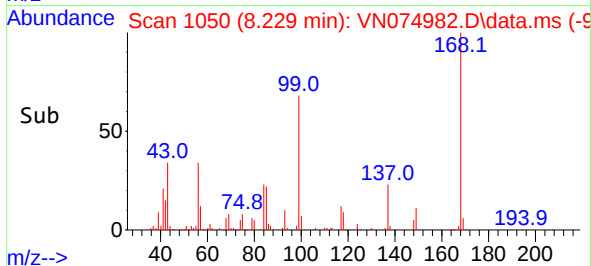


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :

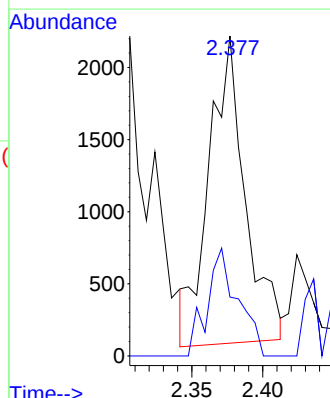
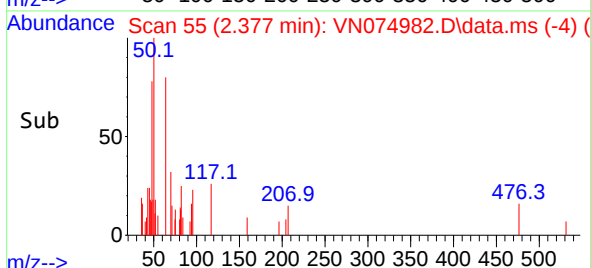
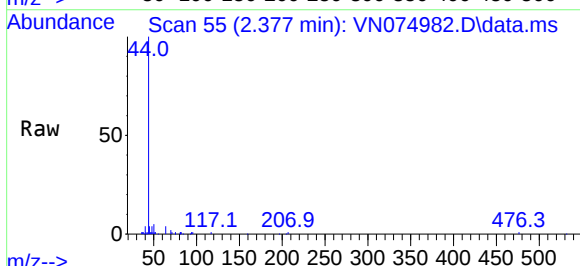


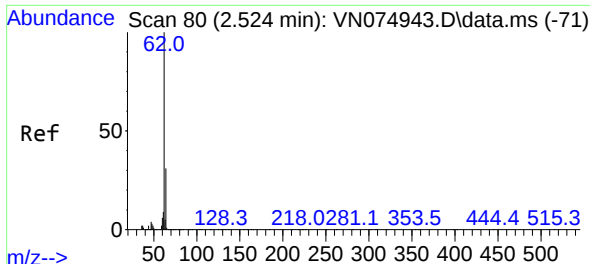
Tgt Ion:168 Resp: 334480
Ion Ratio Lower Upper
168 100
99 68.0 52.2 78.4



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 55
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 50 Resp: 3794
Ion Ratio Lower Upper
50 100
52 20.8 28.8 43.2#

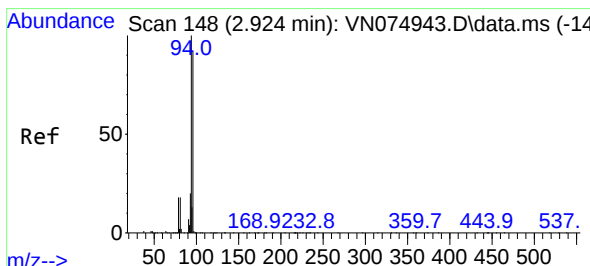
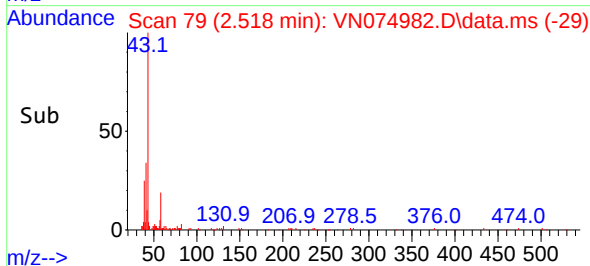
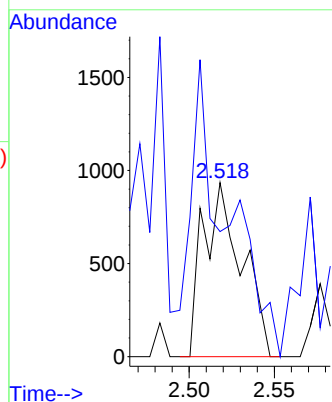
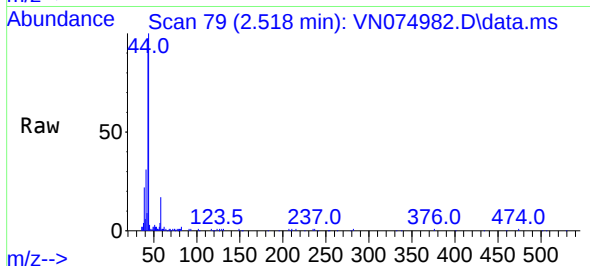




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.518 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

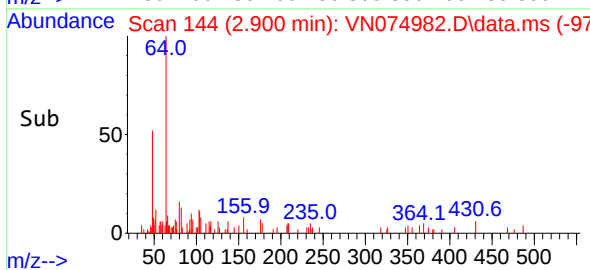
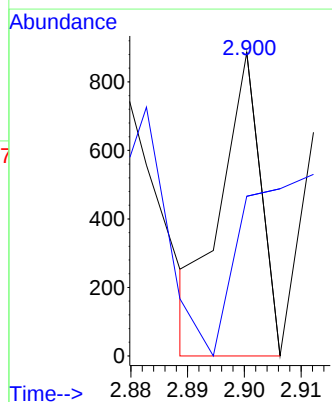
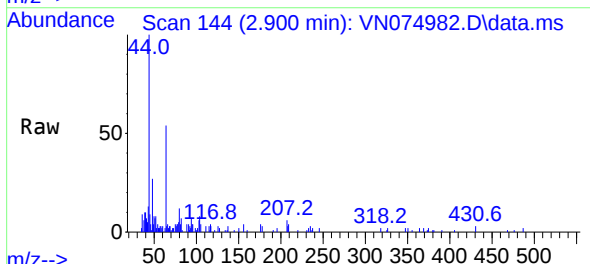
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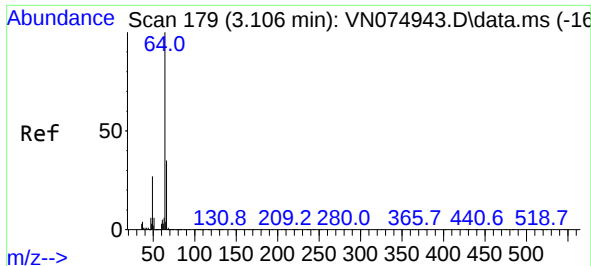
Tgt Ion: 62 Resp: 1477
 Ion Ratio Lower Upper
 62 100
 64 71.9 24.5 36.7#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.900 min Scan# 144
 Delta R.T. -0.024 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

Tgt Ion: 94 Resp: 421
 Ion Ratio Lower Upper
 94 100
 96 33.7 73.5 110.3#

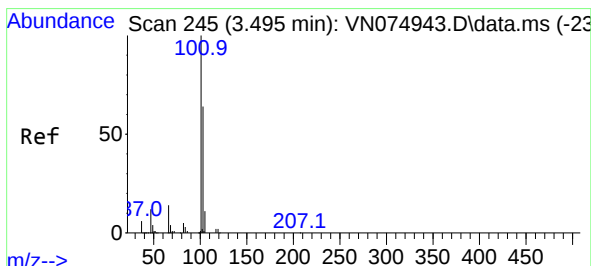
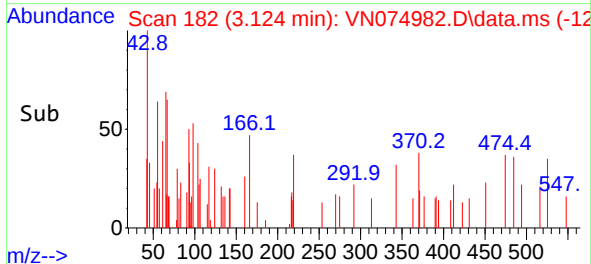
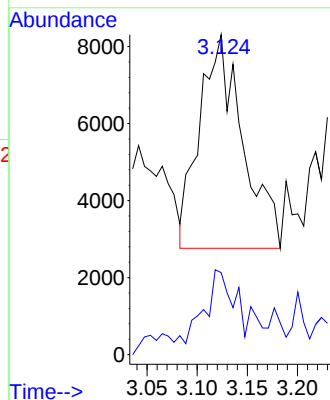
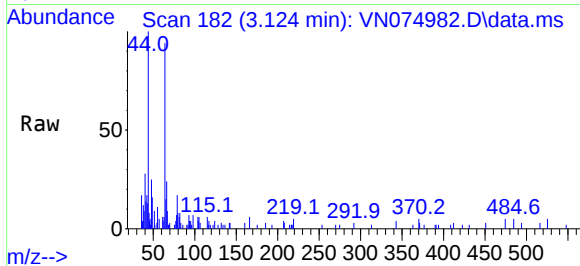




#6
Chloroethane
Concen: 0.500 ug/l
RT: 3.124 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

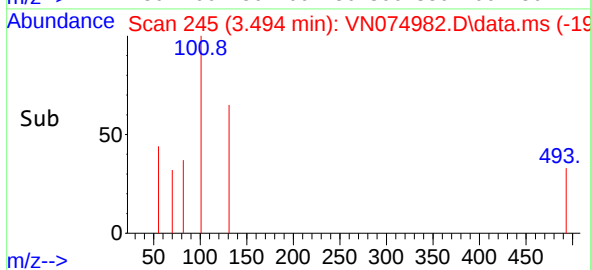
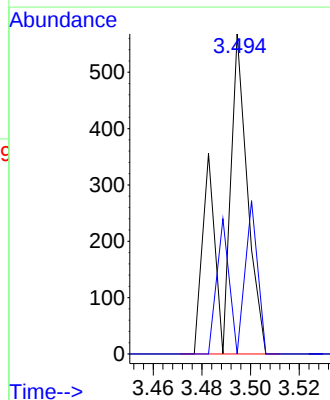
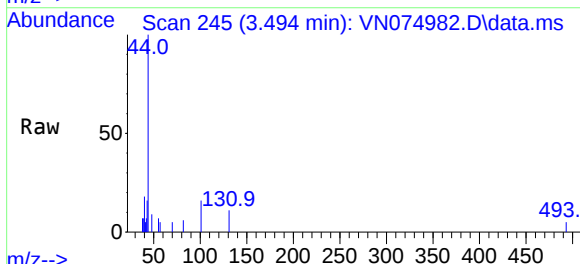
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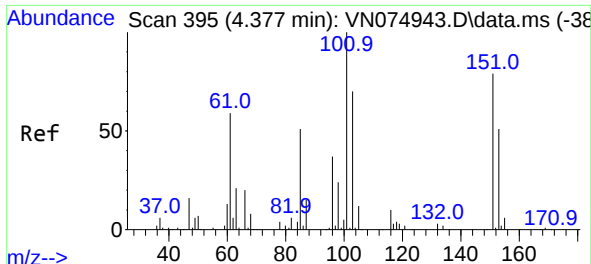
Tgt Ion: 64 Resp: 16586
Ion Ratio Lower Upper
64 100
66 29.5 27.9 41.9



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.494 min Scan# 245
Delta R.T. -0.001 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:101 Resp: 391
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#

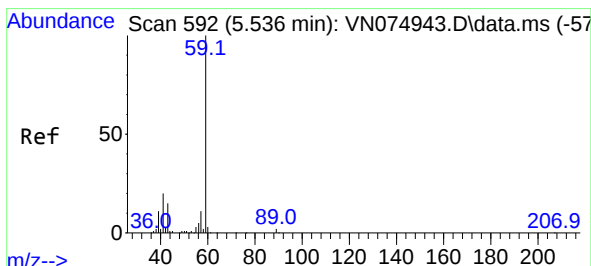
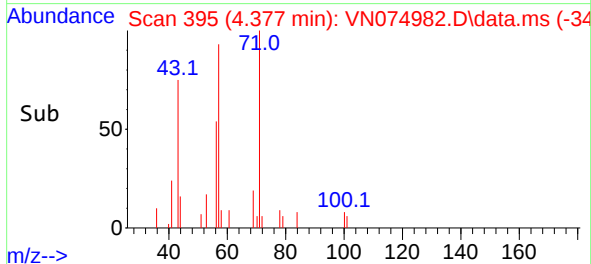
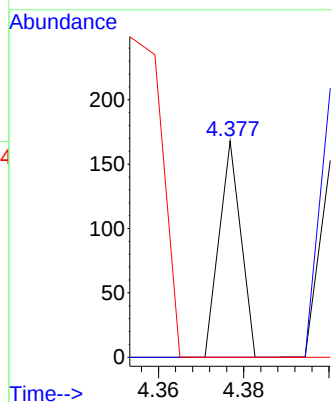
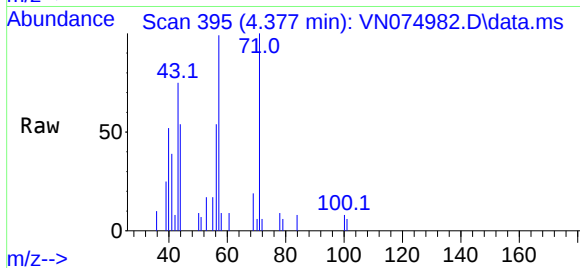




#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

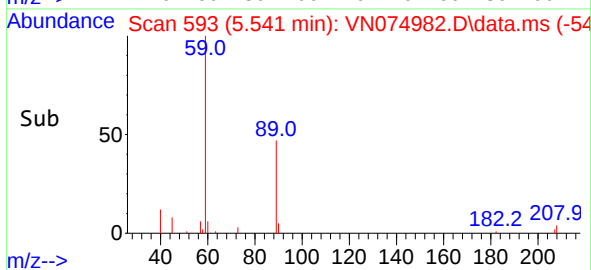
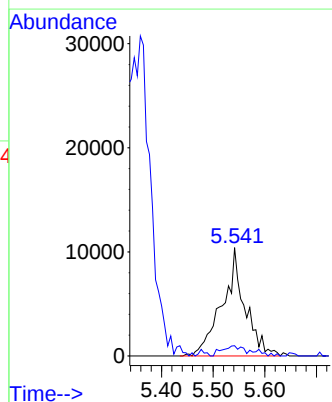
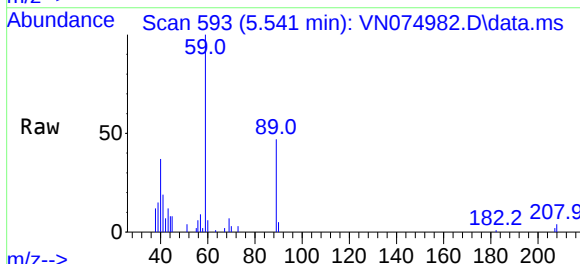
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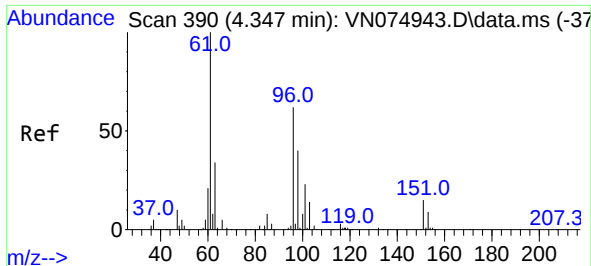
Tgt Ion:101 Resp: 59
Ion Ratio Lower Upper
101 100
85 0.0 37.8 56.8#
151 0.0 58.5 87.7#



#11
Tert butyl alcohol
Concen: 16.846 ug/l
RT: 5.541 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 59 Resp: 31652
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 4.347 min Scan# 390

Delta R.T. 0.000 min

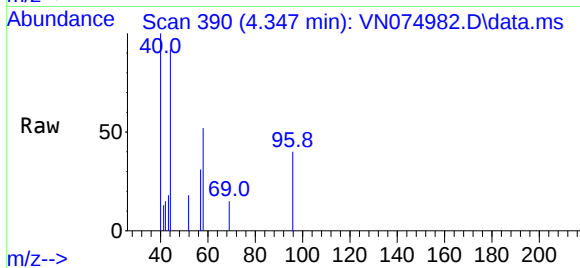
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Instrument :

MSVOA_N

ClientSampleId :



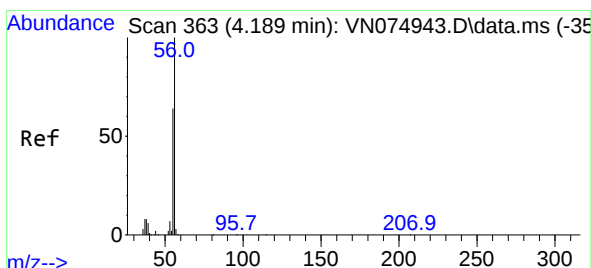
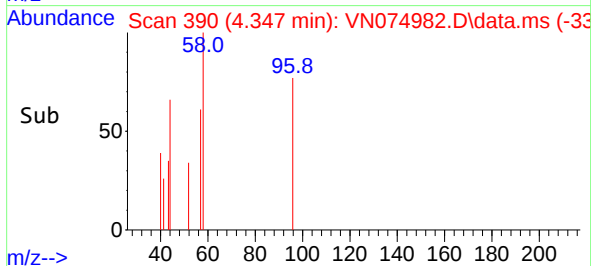
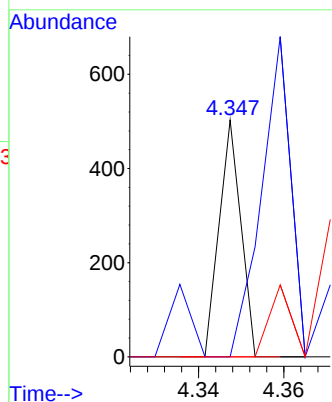
Tgt Ion: 96 Resp: 178

Ion Ratio Lower Upper

96 100

61 0.0 128.9 193.3#

98 0.0 51.8 77.8#



#13

Acrolein

Concen: Below Cal

RT: 4.153 min Scan# 357

Delta R.T. -0.036 min

Lab File: VN074982.D

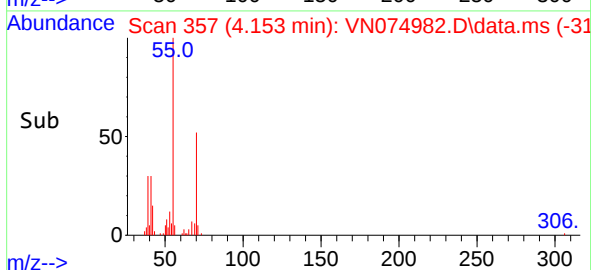
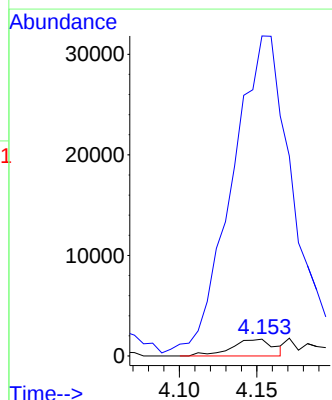
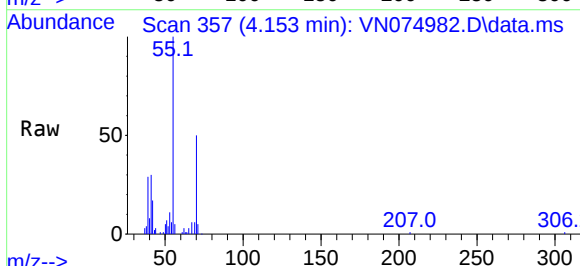
Acq: 24 Oct 2022 14:36

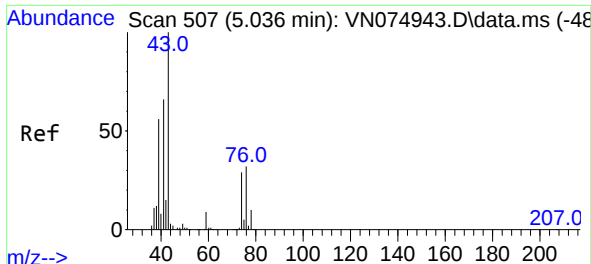
Tgt Ion: 56 Resp: 3172

Ion Ratio Lower Upper

56 100

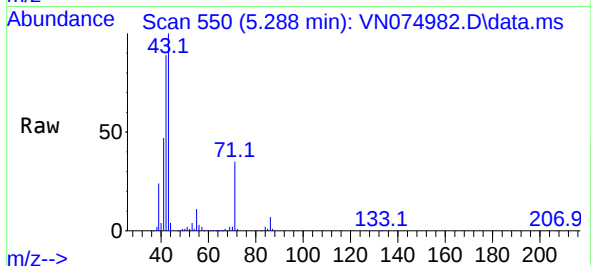
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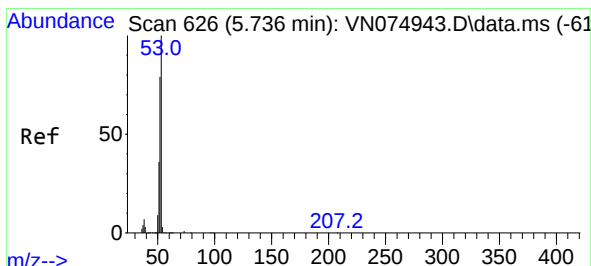
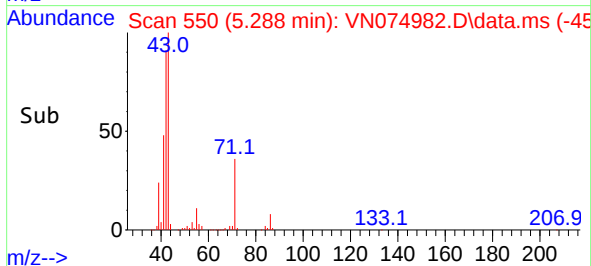
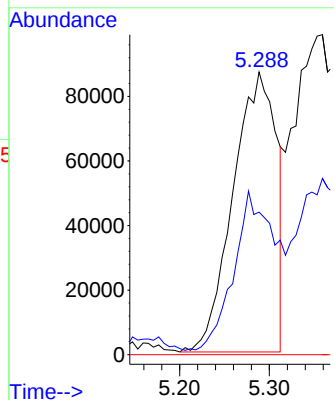


#14
 Allyl chloride
 Concen: 35.783 ug/l
 RT: 5.288 min Scan# 51
 Delta R.T. 0.253 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

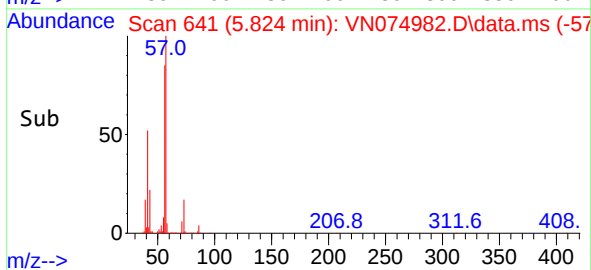
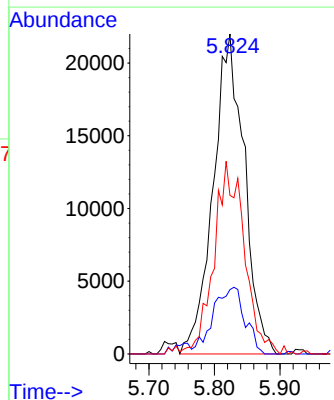
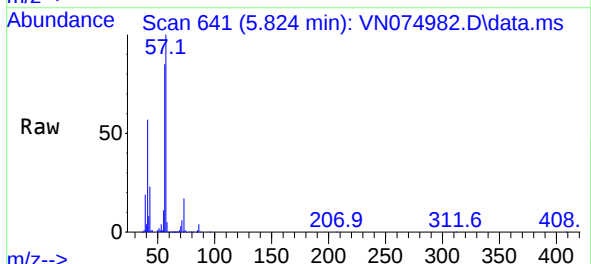


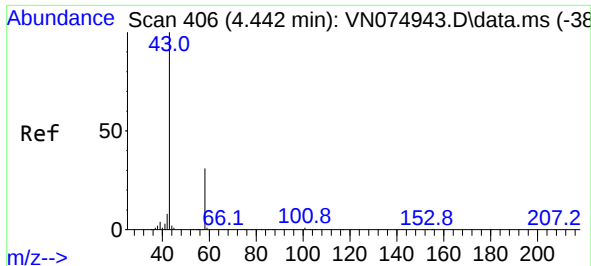
Tgt Ion: 41 Resp: 291217
 Ion Ratio Lower Upper
 41 100
 39 46.5 60.0 90.0#
 76 0.0 33.7 50.5#



#15
 Acrylonitrile
 Concen: 19.085 ug/l
 RT: 5.824 min Scan# 641
 Delta R.T. 0.088 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

Tgt Ion: 53 Resp: 72534
 Ion Ratio Lower Upper
 53 100
 52 21.3 66.7 100.1#
 51 58.2 28.8 43.2#

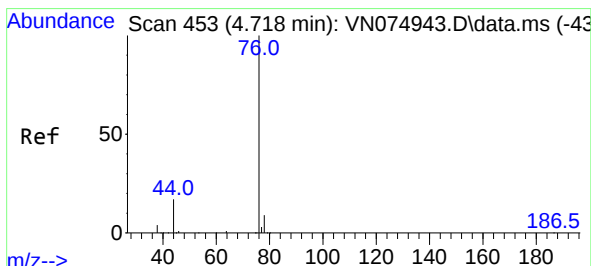
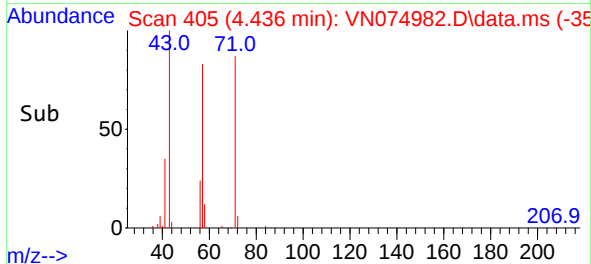
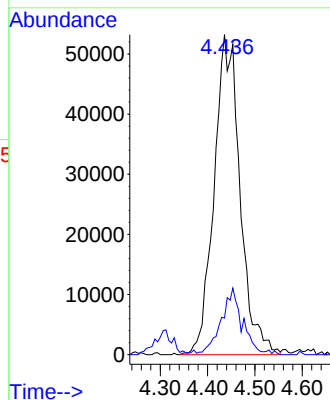
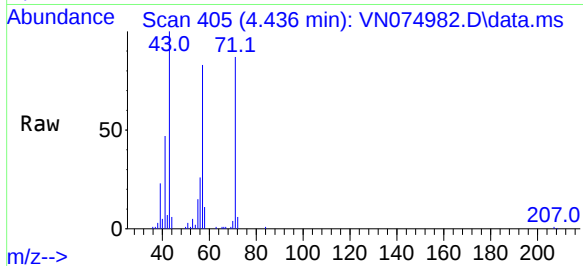




#16
Acetone
Concen: 56.159 ug/l
RT: 4.436 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

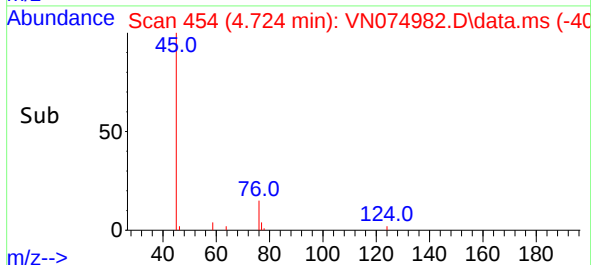
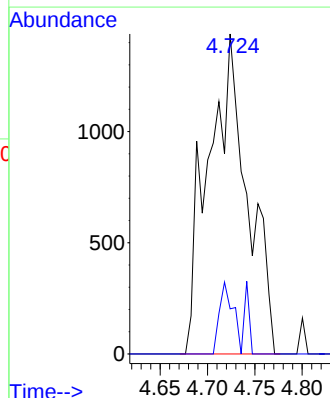
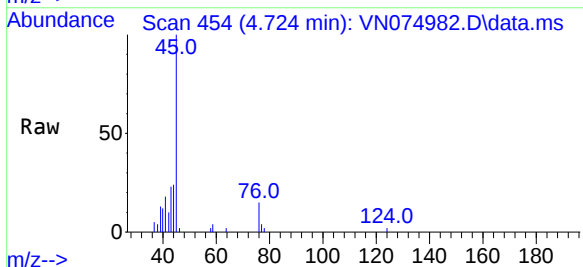
Instrument :
MSVOA_N
ClientSampleId :

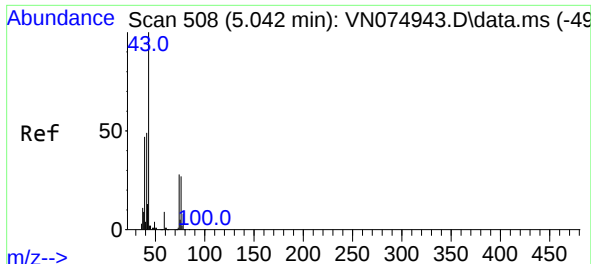
Tgt Ion: 43 Resp: 202159
Ion Ratio Lower Upper
43 100
58 11.5 25.7 38.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 76 Resp: 4139
Ion Ratio Lower Upper
76 100
78 14.1 7.4 11.2#

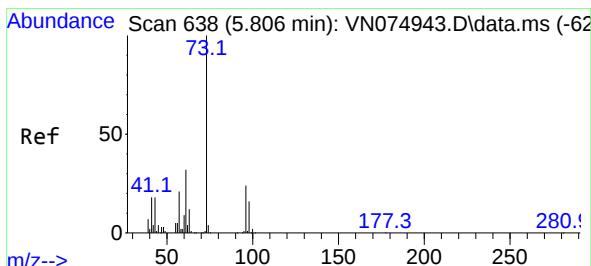
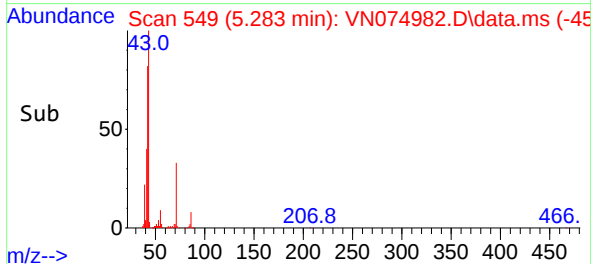
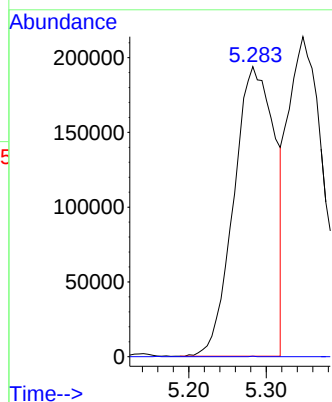
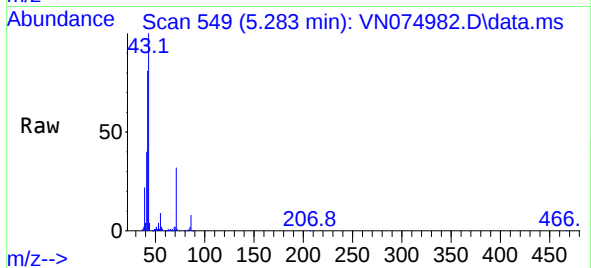




#18
Methyl Acetate
Concen: 63.288 ug/l
RT: 5.283 min Scan# 54
Delta R.T. 0.241 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

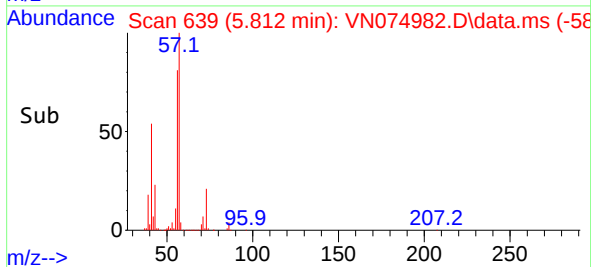
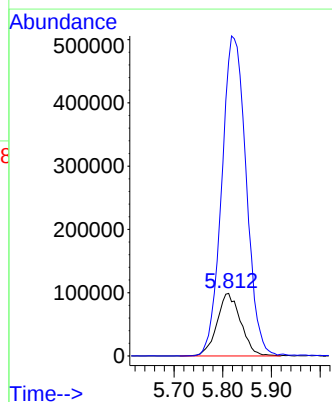
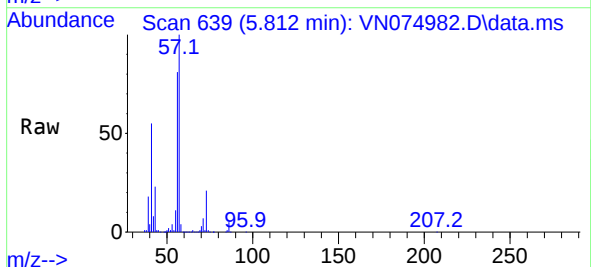
Instrument :
MSVOA_N
ClientSampleId :

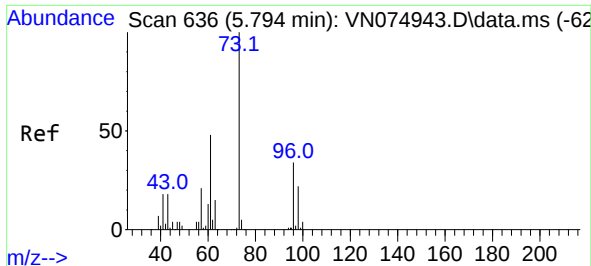
Tgt Ion: 43 Resp: 714289
Ion Ratio Lower Upper
43 100
74 0.0 23.1 34.7#



#19
Methyl tert-butyl Ether
Concen: 15.520 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

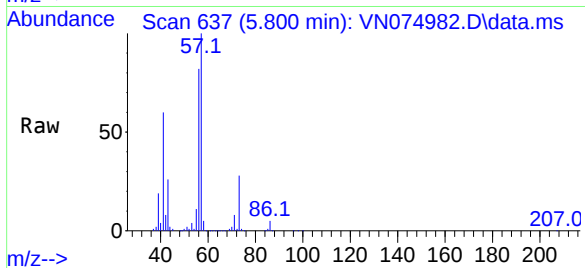
Tgt Ion: 73 Resp: 334892
Ion Ratio Lower Upper
73 100
57 470.9 16.9 25.3#



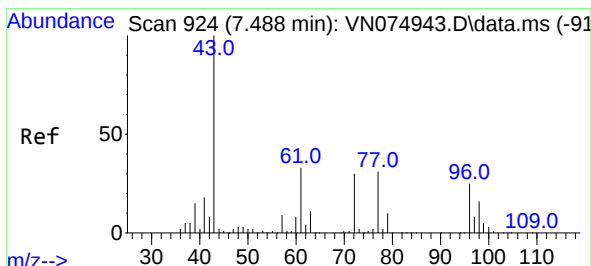
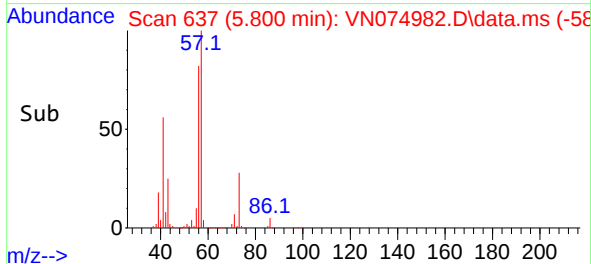
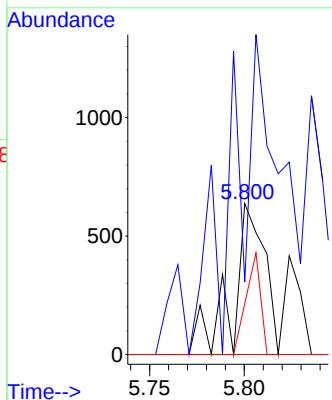


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :

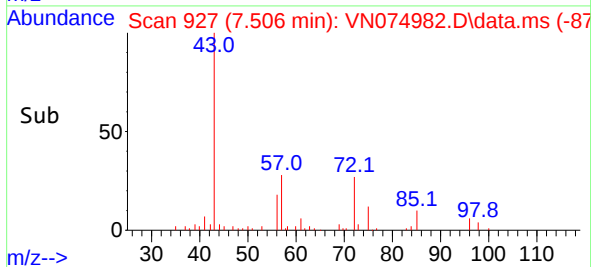
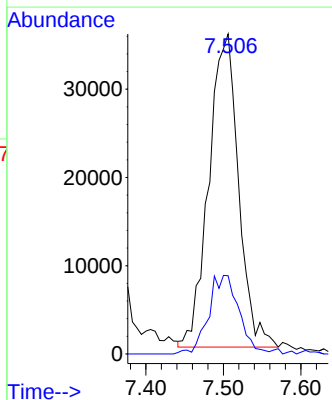
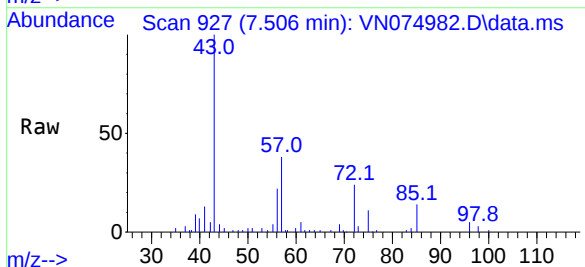


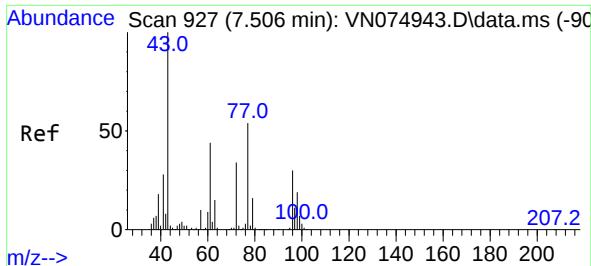
Tgt Ion: 96 Resp: 749
Ion Ratio Lower Upper
96 100
61 0.0 112.6 169.0#
98 33.8 52.4 78.6#



#25
2-Butanone
Concen: 17.507 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 43 Resp: 94778
Ion Ratio Lower Upper
43 100
72 24.5 23.9 35.9

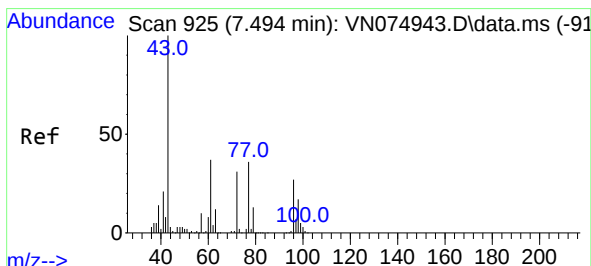
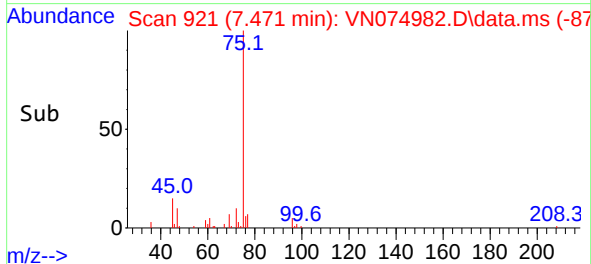
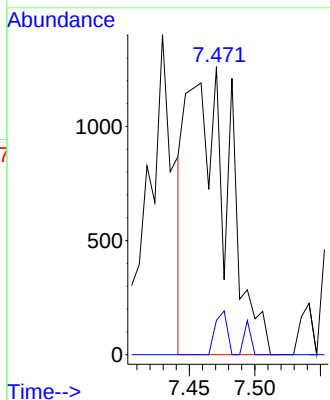
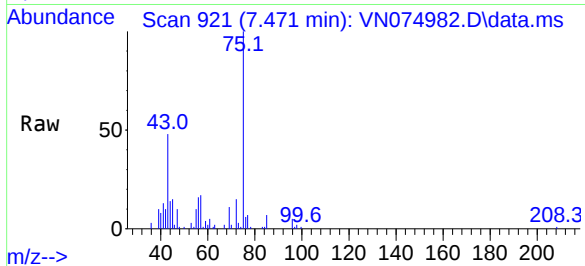




#26
2,2-Dichloropropane
Concen: 0.256 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.035 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

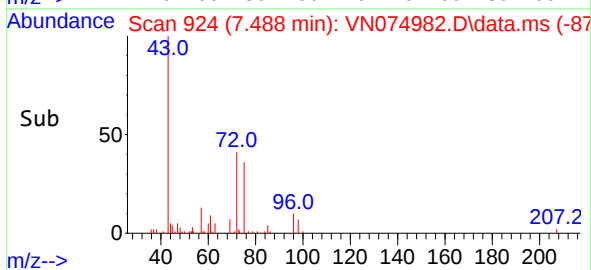
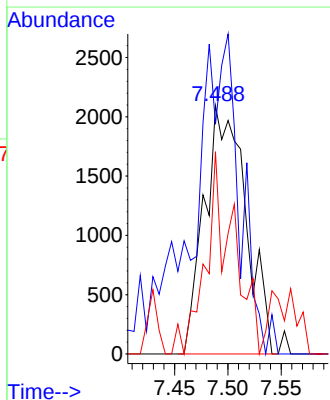
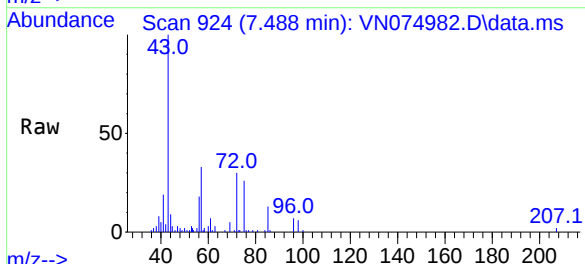
Instrument :
MSVOA_N
ClientSampleId :

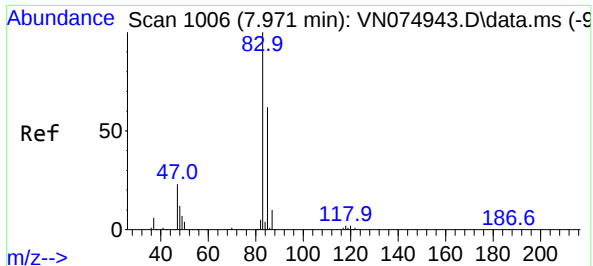
Tgt Ion: 77 Resp: 2789
Ion Ratio Lower Upper
77 100
97 4.3 11.3 33.8#



#27
cis-1,2-Dichloroethene
Concen: 0.755 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 96 Resp: 5635
Ion Ratio Lower Upper
96 100
61 26.1 0.0 277.8
98 54.3 0.0 127.2

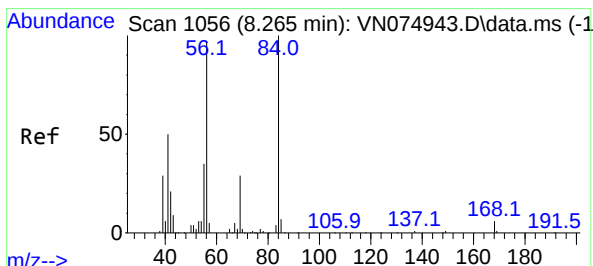
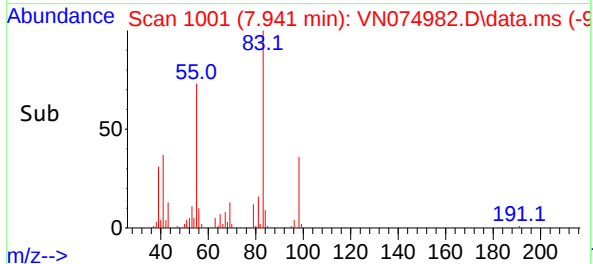
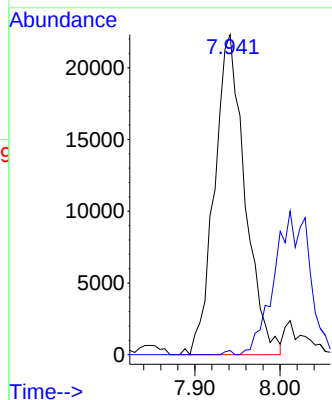
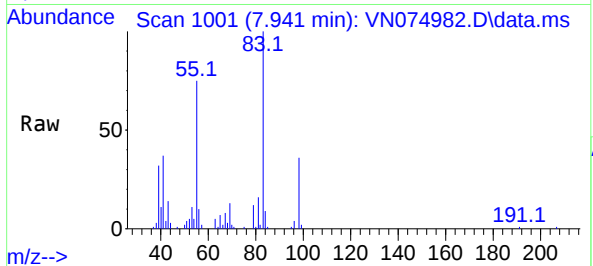




#30
Chloroform
Concen: 4.267 ug/l
RT: 7.941 min Scan# 1001
Delta R.T. -0.030 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

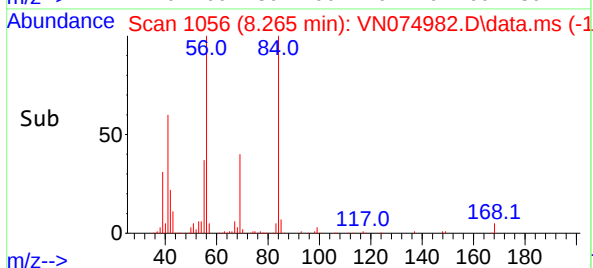
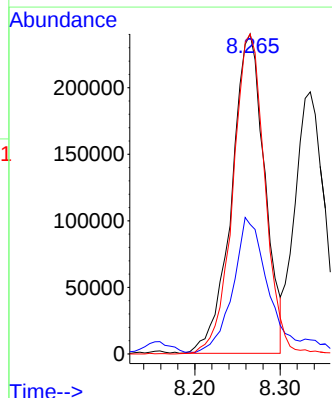
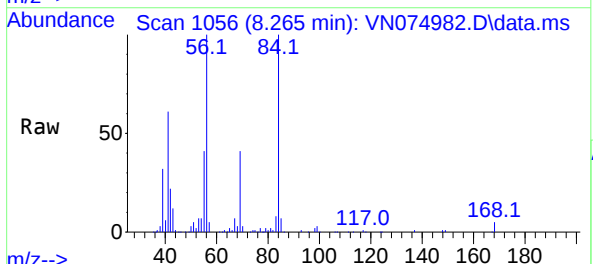
Instrument :
MSVOA_N
ClientSampleId :

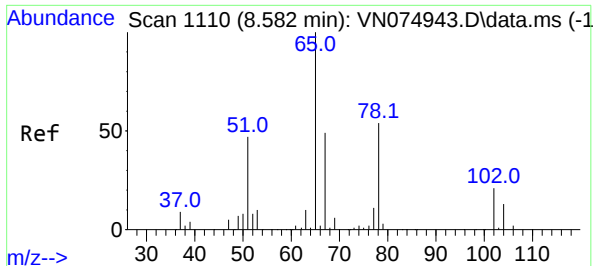
Tgt Ion: 83 Resp: 55521
Ion Ratio Lower Upper
83 100
85 1.3 49.9 74.9#



#31
Cyclohexane
Concen: 71.232 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 56 Resp: 646751
Ion Ratio Lower Upper
56 100
69 39.5 24.2 36.2#
84 100.1 82.8 124.2

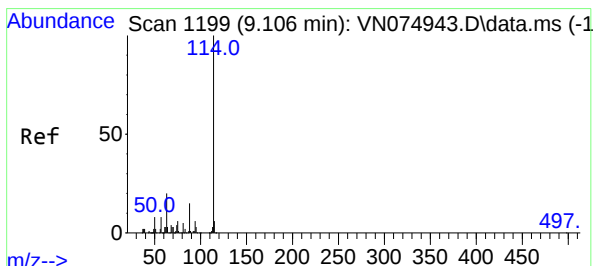
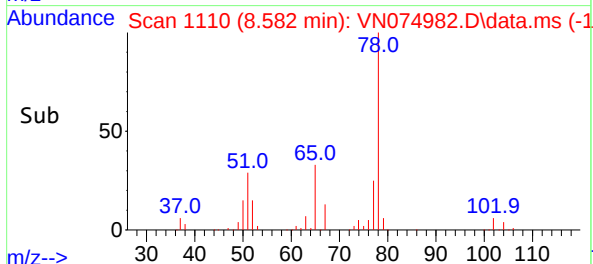
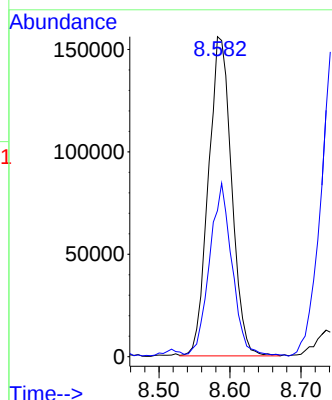
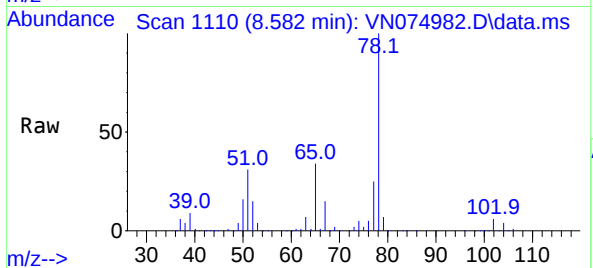




#33
1,2-Dichloroethane-d4
Concen: 39.860 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

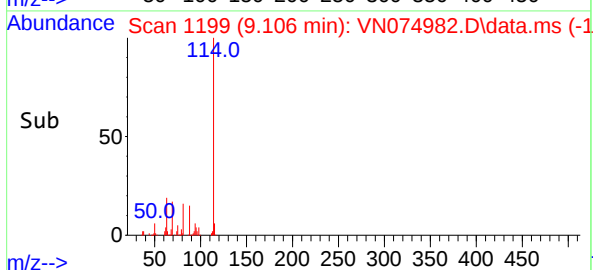
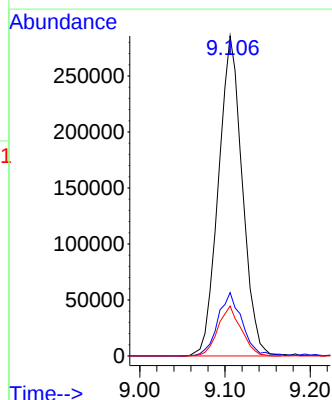
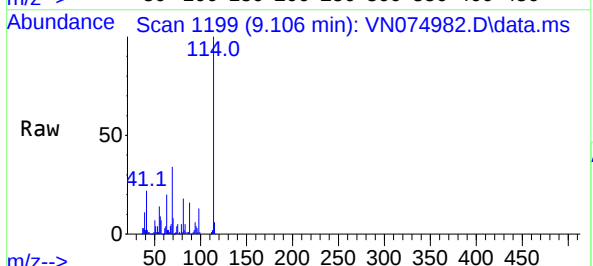
Instrument :
MSVOA_N
ClientSampleId :

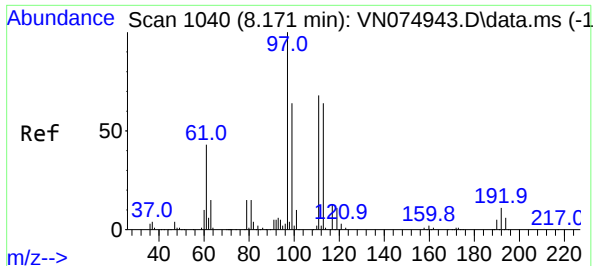
Tgt Ion: 65 Resp: 354235
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

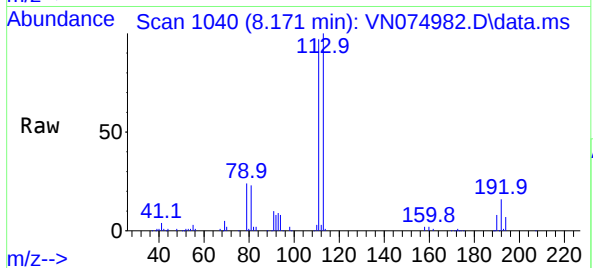
Tgt Ion:114 Resp: 555886
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.6 0.0 30.4



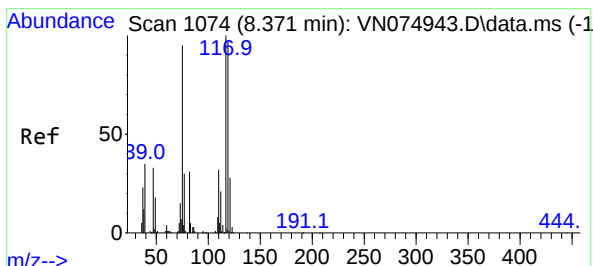
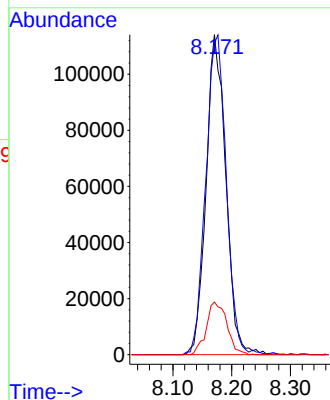
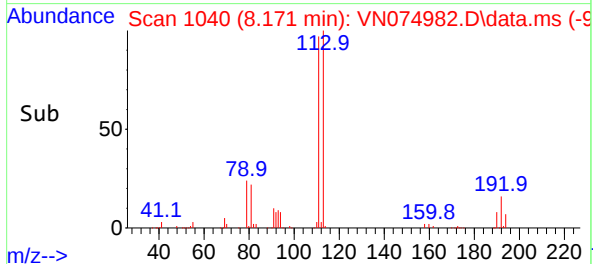


#35
Dibromofluoromethane
Concen: 40.138 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

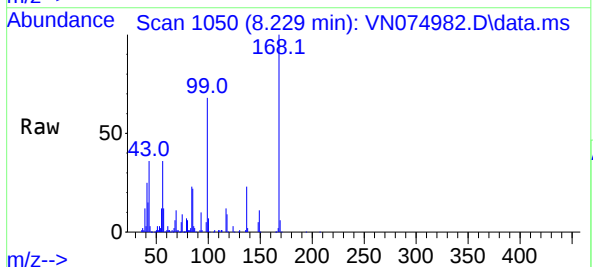
Instrument :
MSVOA_N
ClientSampleId :



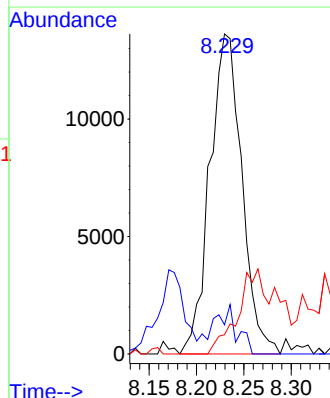
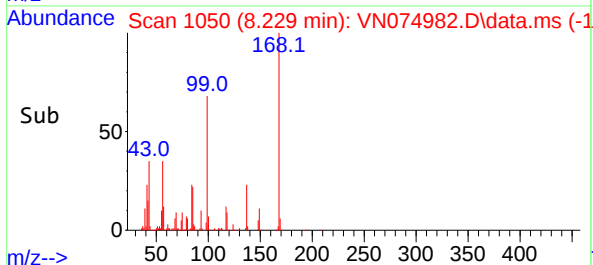
Tgt Ion:113 Resp: 265571
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.2
192 17.2 13.3 19.9

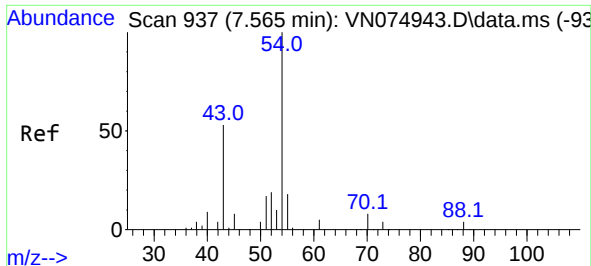


#36
1,1-Dichloropropene
Concen: 3.840 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36



Tgt Ion: 75 Resp: 31998
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.0 37.4#

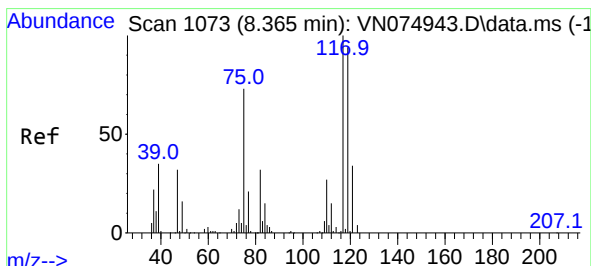
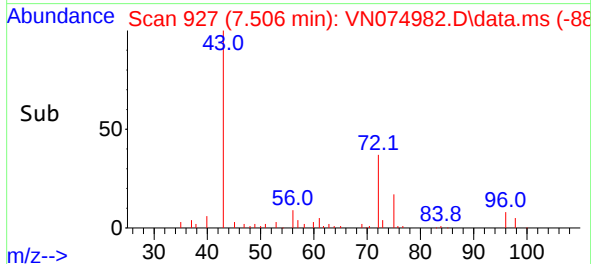
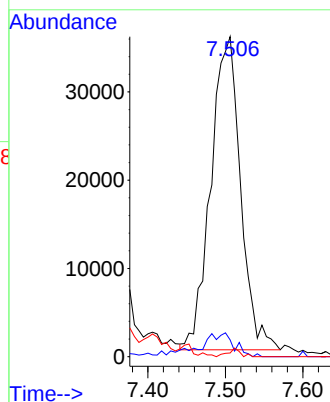
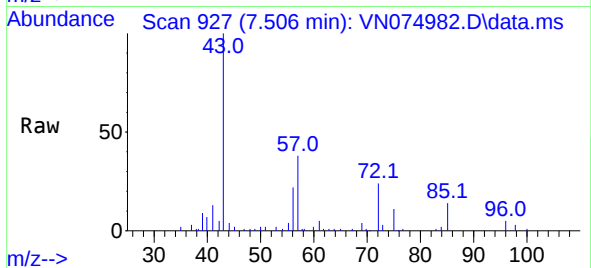




#37
Ethyl Acetate
Concen: 9.660 ug/l
RT: 7.506 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

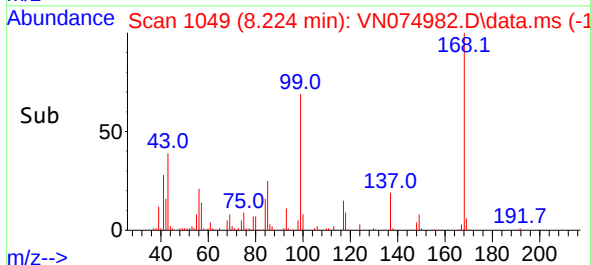
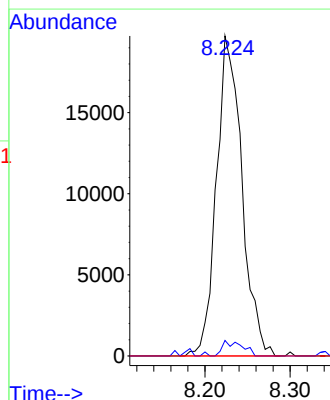
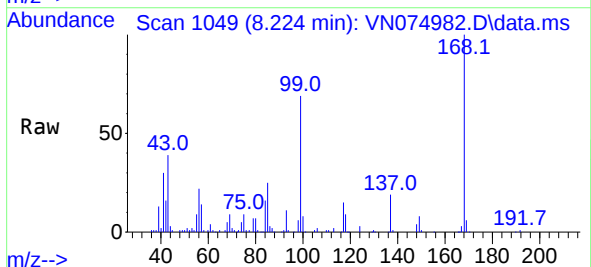
Instrument :
MSVOA_N
ClientSampleId :

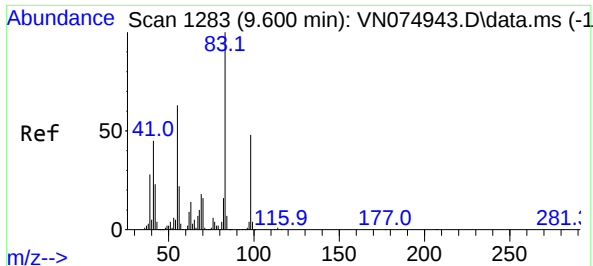
Tgt Ion: 43 Resp: 94778
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 4.497 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 117 Resp: 40792
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 27.0 40.6#





#39

Methylcyclohexane

Concen: 73.065 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

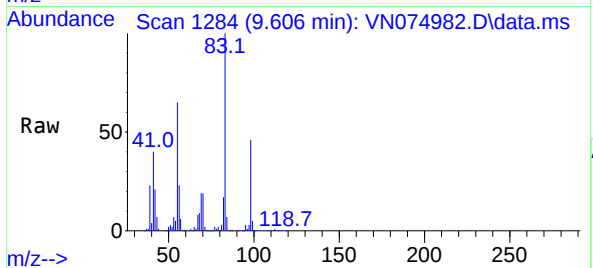
Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :



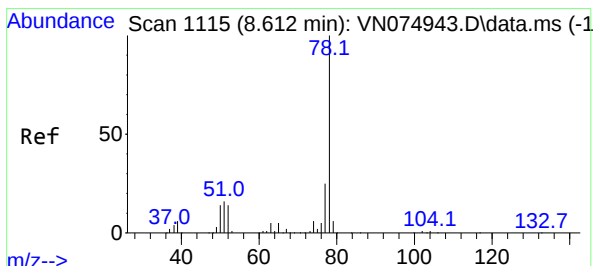
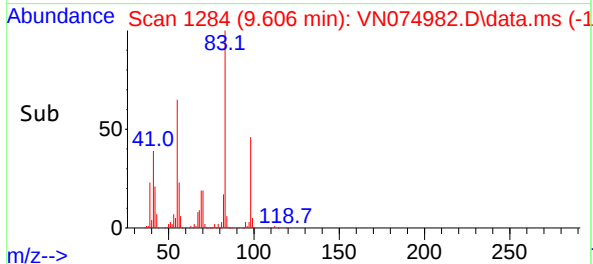
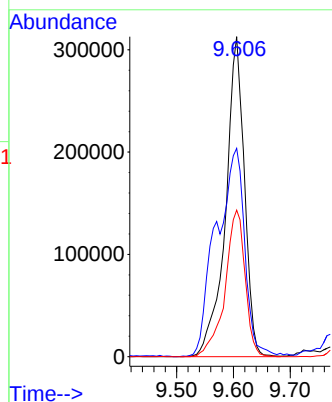
Tgt Ion: 83 Resp: 721343

Ion Ratio Lower Upper

83 100

55 65.1 50.8 76.2

98 45.8 38.8 58.2



#40

Benzene

Concen: 325.966 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN074982.D

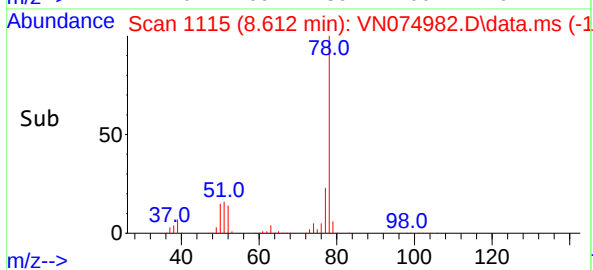
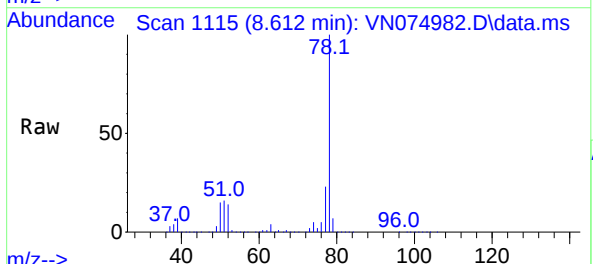
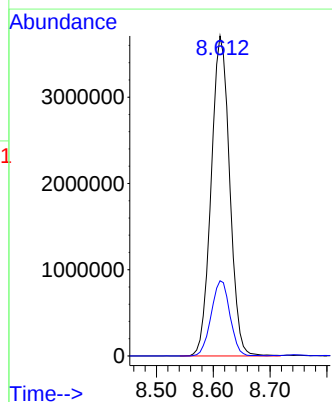
Acq: 24 Oct 2022 14:36

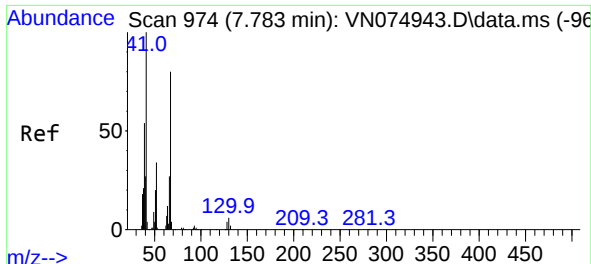
Tgt Ion: 78 Resp: 8373721

Ion Ratio Lower Upper

78 100

77 23.5 19.6 29.4

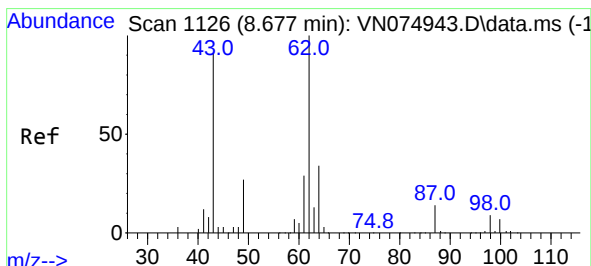
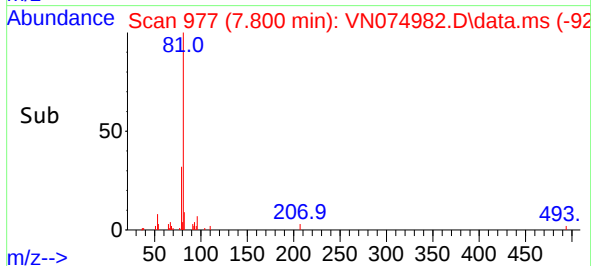
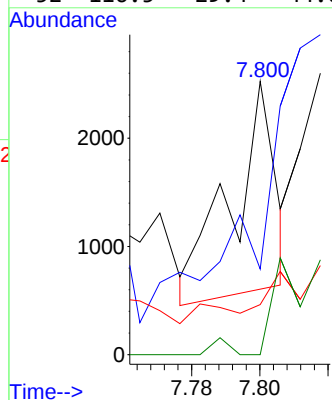
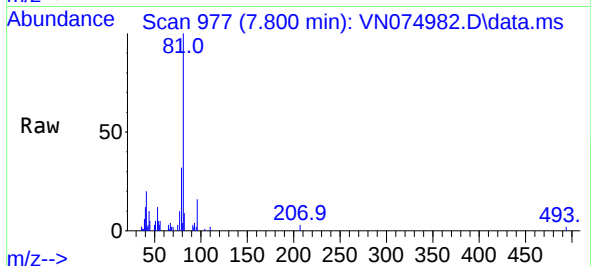




#41
Methacrylonitrile
Concen: 0.348 ug/l
RT: 7.800 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

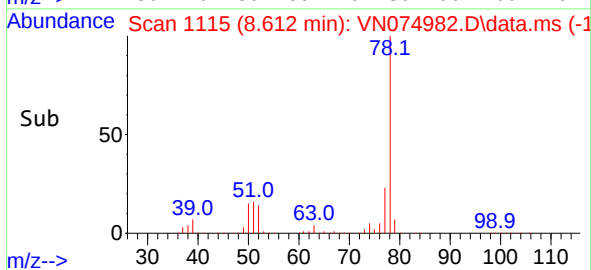
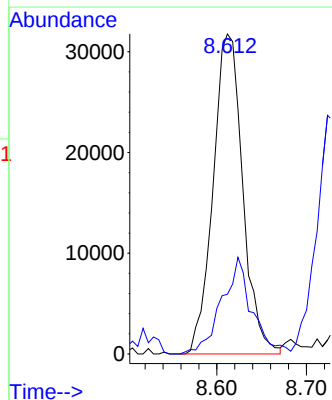
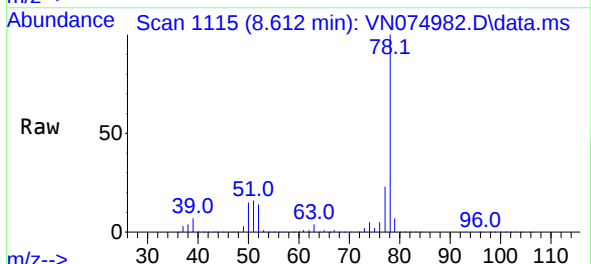
Instrument :
MSVOA_N
ClientSampleId :

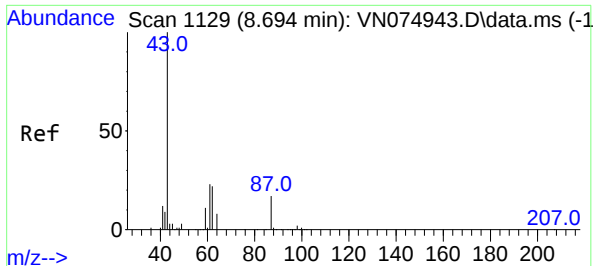
Tgt Ion: 41 Resp: 1712
Ion Ratio Lower Upper
41 100
39 0.0 47.9 71.9#
67 0.0 70.8 106.2#
52 116.5 29.4 44.0#



#42
1,2-Dichloroethane
Concen: 7.498 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.065 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

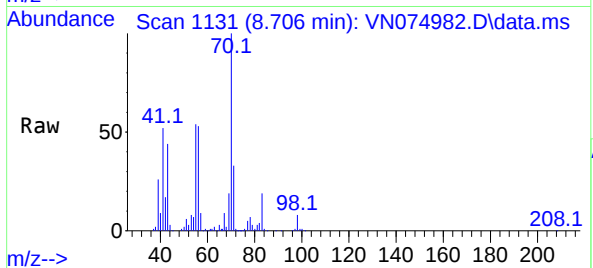
Tgt Ion: 62 Resp: 72907
Ion Ratio Lower Upper
62 100
98 30.7 0.0 17.8#



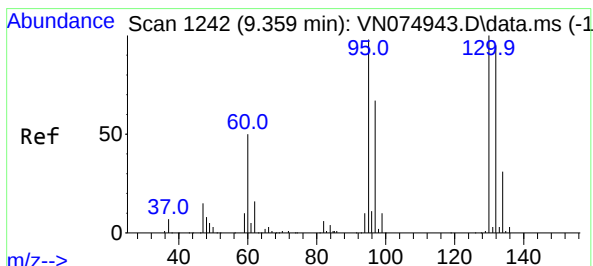
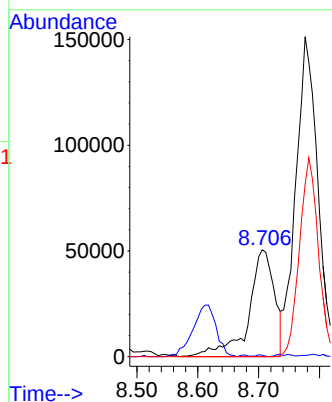
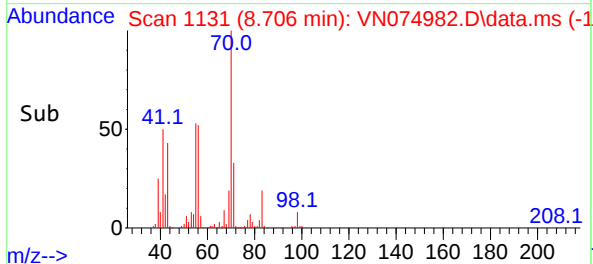


#43
Isopropyl Acetate
Concen: 9.805 ug/l
RT: 8.706 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :

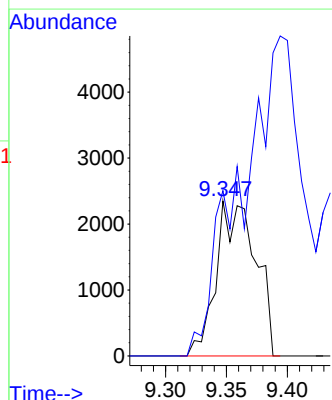
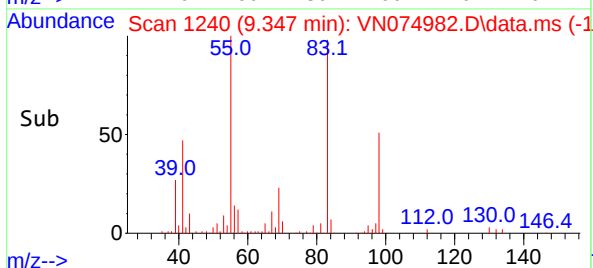
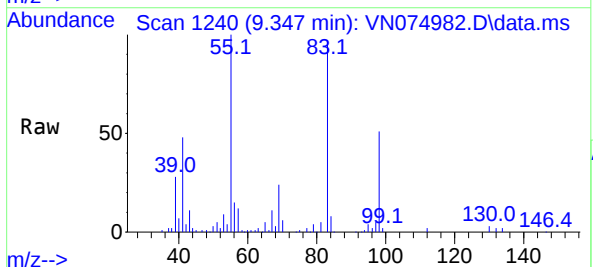


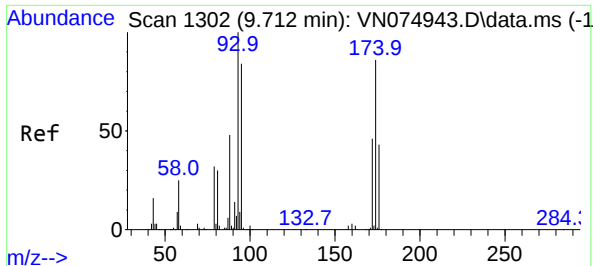
Tgt Ion: 43 Resp: 149219
Ion Ratio Lower Upper
43 100
61 0.0 22.3 33.5#
87 0.0 12.8 19.2#



#44
Trichloroethene
Concen: 0.839 ug/l
RT: 9.347 min Scan# 1240
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:130 Resp: 5288
Ion Ratio Lower Upper
130 100
95 106.6 0.0 195.8





#46

Dibromomethane

Concen: 0.224 ug/l

RT: 9.729 min Scan# 11

Delta R.T. 0.018 min

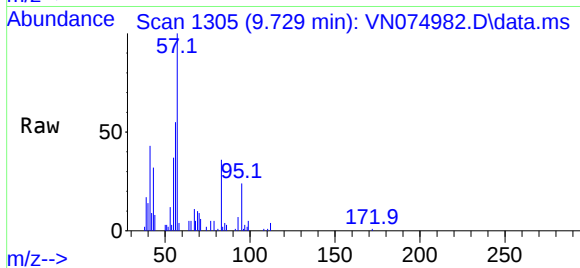
Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :



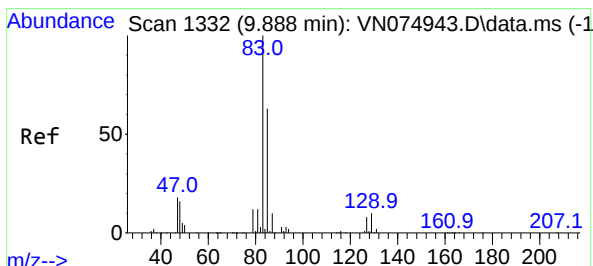
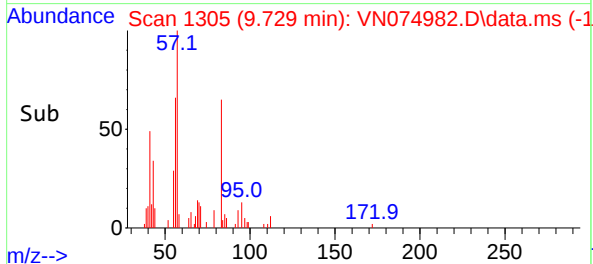
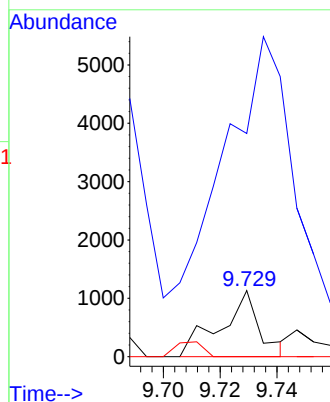
Tgt Ion: 93 Resp: 1085

Ion Ratio Lower Upper

93 100

95 1013.9 66.0 99.0#

174 0.0 68.8 103.2#



#47

Bromodichloromethane

Concen: 2.880 ug/l

RT: 9.871 min Scan# 1329

Delta R.T. -0.018 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

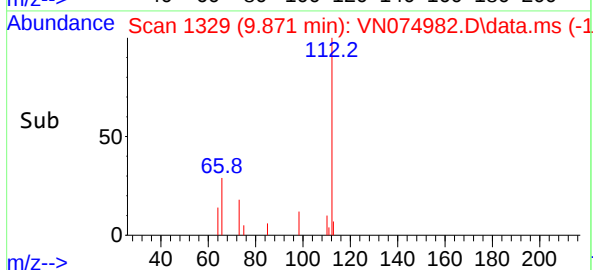
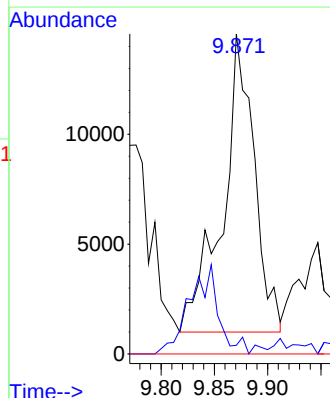
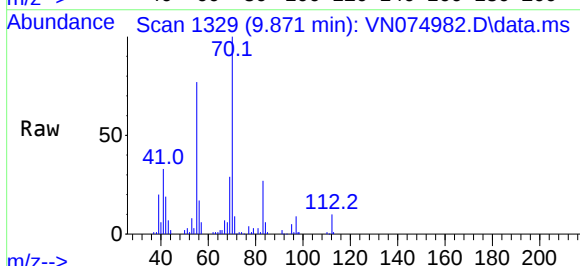
Tgt Ion: 83 Resp: 28169

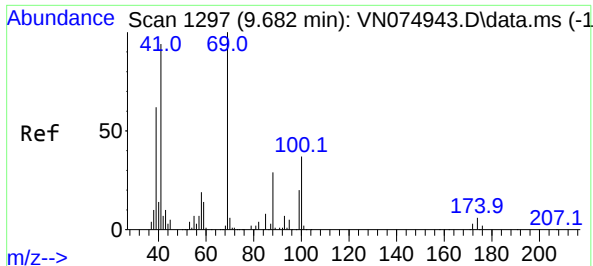
Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 6.5 9.7#





#48

Methyl methacrylate

Concen: 1.428 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.053 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

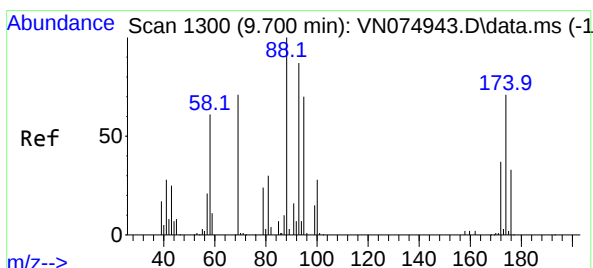
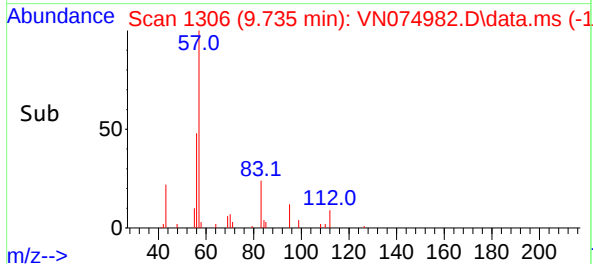
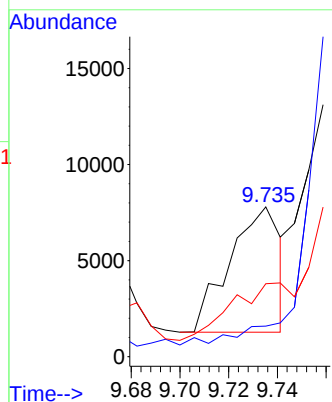
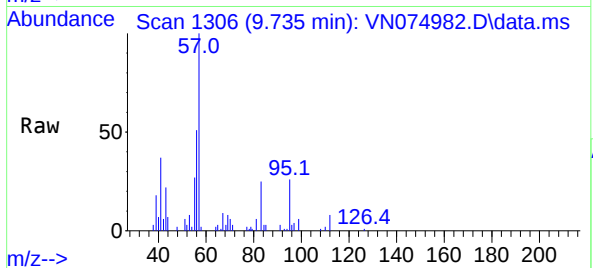
Tgt Ion: 41 Resp: 9501

Ion Ratio Lower Upper

41 100

69 0.0 79.7 119.5#

39 0.0 55.1 82.7#



#49

1,4-Dioxane

Concen: 0.333 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. -0.012 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

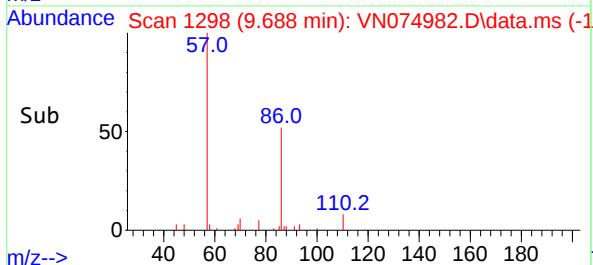
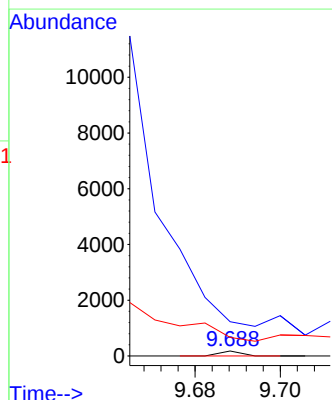
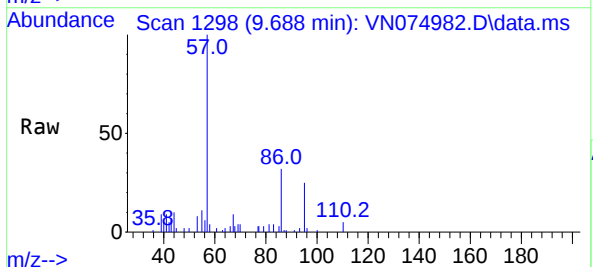
Tgt Ion: 88 Resp: 64

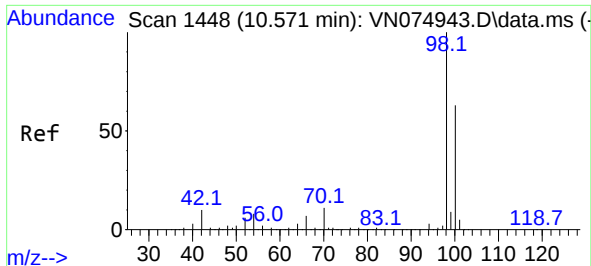
Ion Ratio Lower Upper

88 100

43 0.0 21.1 31.7#

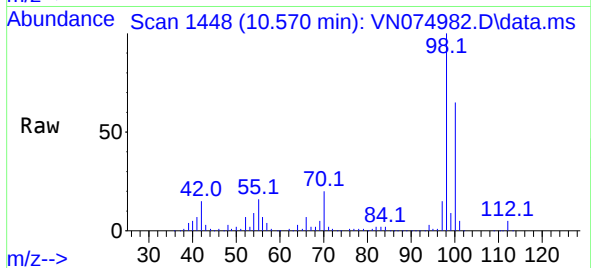
58 337.5 49.8 74.8#



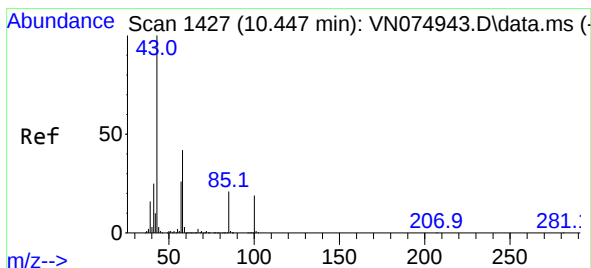
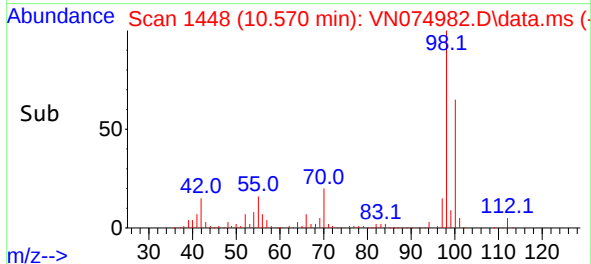
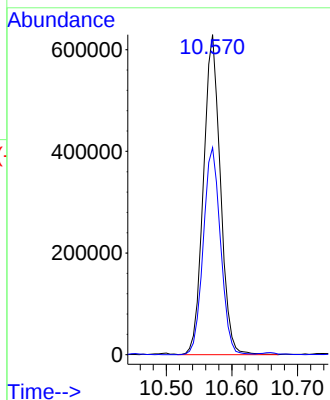


#50
Toluene-d8
Concen: 44.618 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :

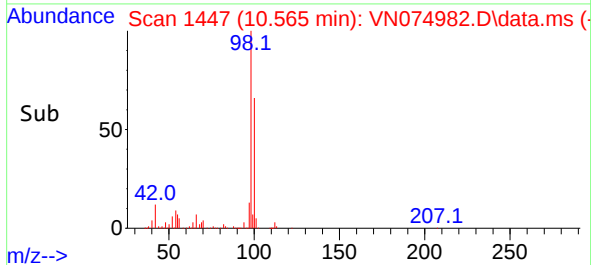
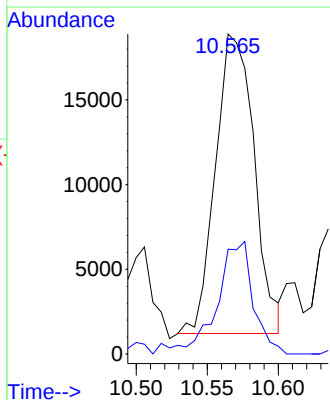
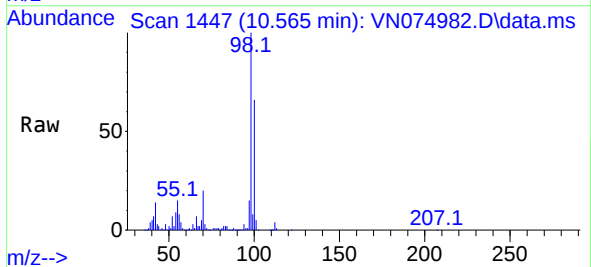


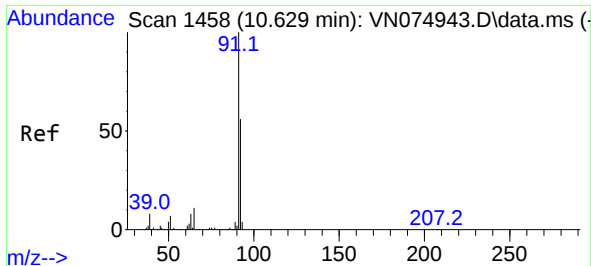
Tgt Ion: 98 Resp: 1132657
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 3.321 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 43 Resp: 33477
Ion Ratio Lower Upper
43 100
58 35.7 33.6 50.4

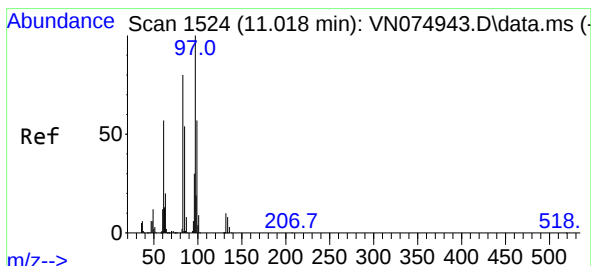
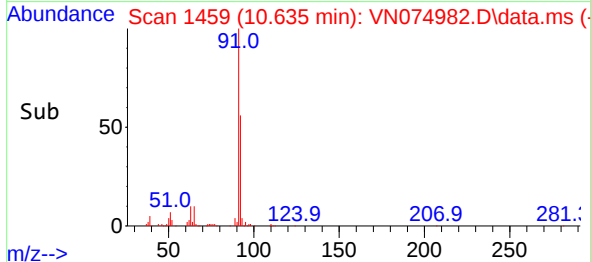
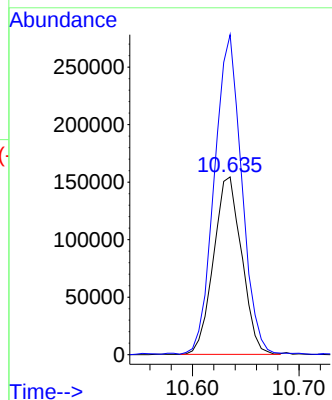
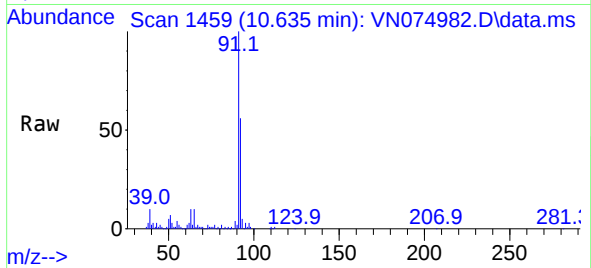




#52
Toluene
Concen: 16.892 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

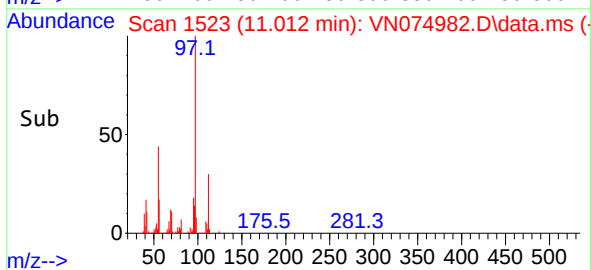
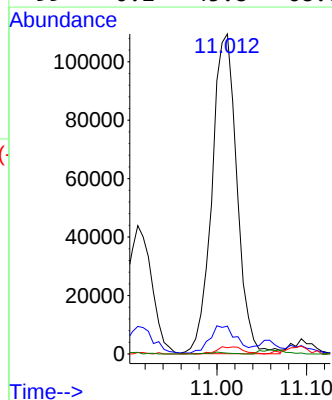
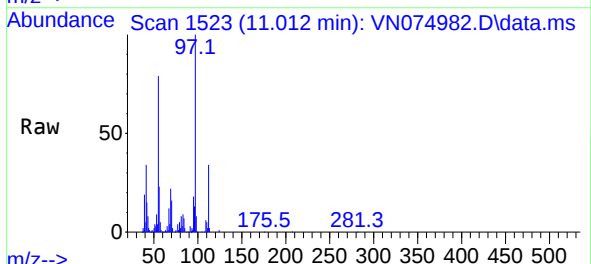
Instrument :
MSVOA_N
ClientSampleId :

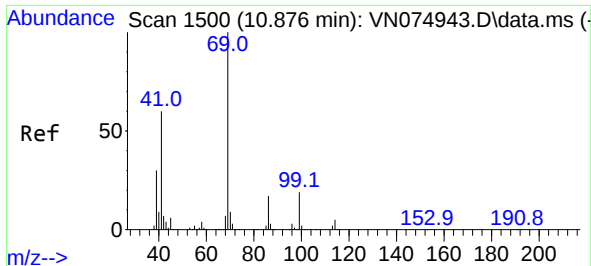
Tgt Ion: 92 Resp: 283160
Ion Ratio Lower Upper
92 100
91 175.9 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 30.053 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 97 Resp: 211399
Ion Ratio Lower Upper
97 100
83 8.4 64.2 96.4#
85 2.0 43.3 64.9#
99 0.2 45.8 68.6#

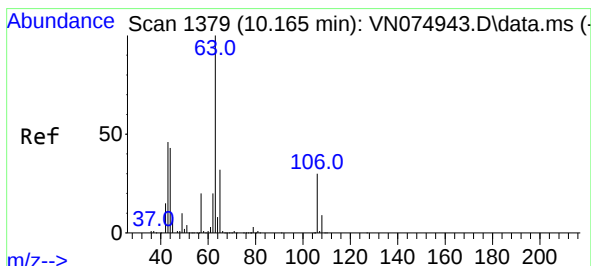
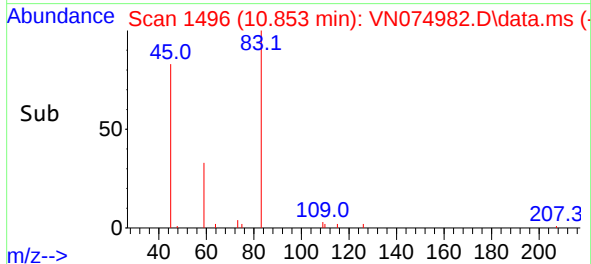
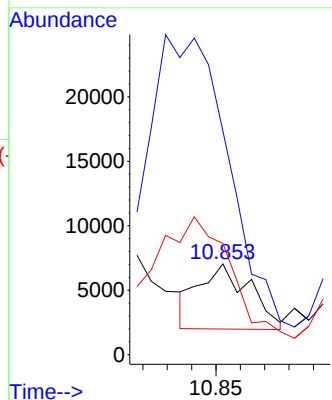
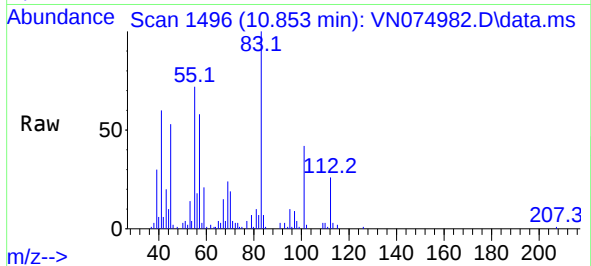




#56
Ethyl methacrylate
Concen: 0.686 ug/l
RT: 10.853 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

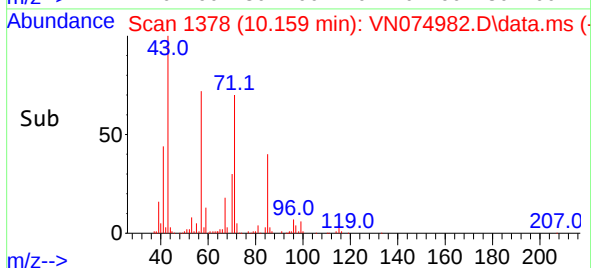
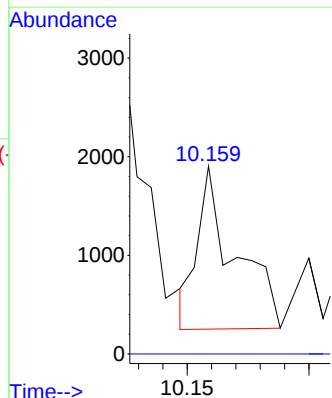
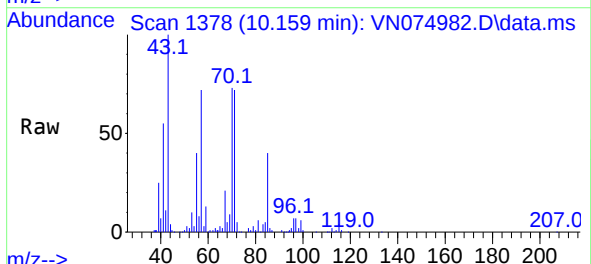
Instrument :
MSVOA_N
ClientSampleId :

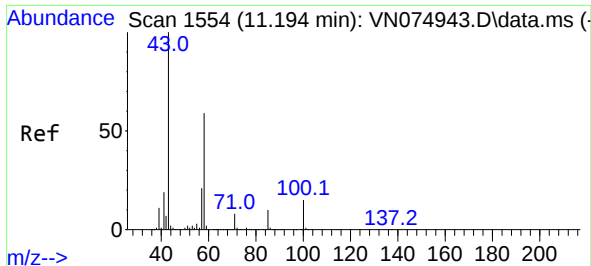
Tgt Ion: 69 Resp: 7262
Ion Ratio Lower Upper
69 100
41 0.0 45.1 67.7#
39 276.4 32.0 48.0#



#58
2-Chloroethyl Vinyl ether
Concen: 3.972 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 63 Resp: 1755
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#

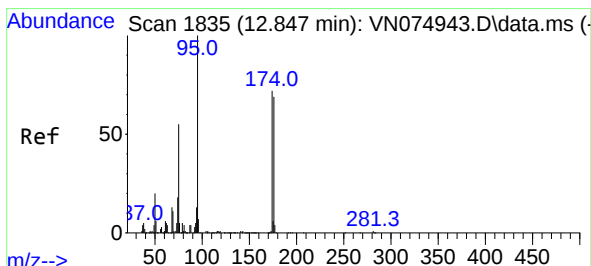
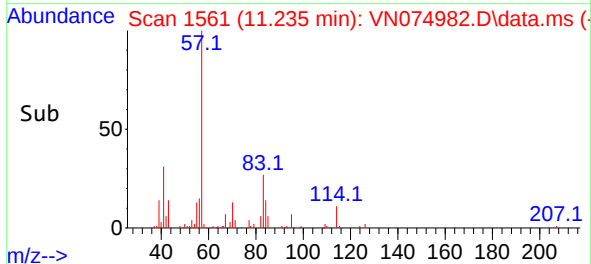
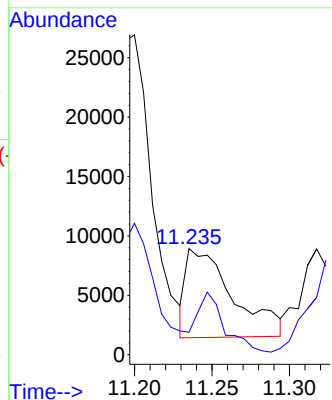
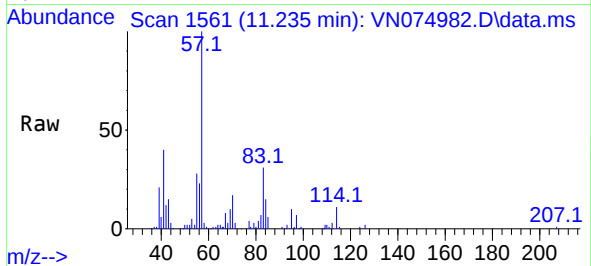




#59
2-Hexanone
Concen: 2.057 ug/l
RT: 11.235 min Scan# 1561
Delta R.T. 0.041 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

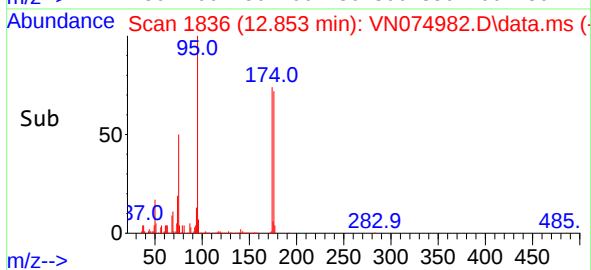
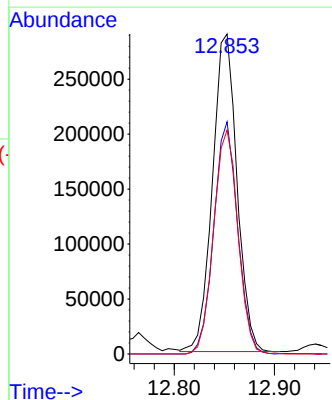
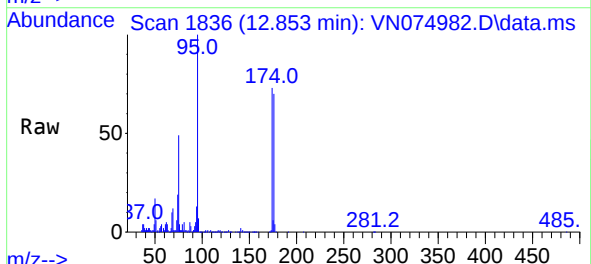
Instrument :
MSVOA_N
ClientSampleId :

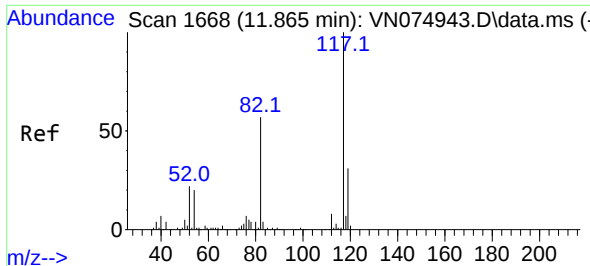
Tgt Ion: 43 Resp: 15722
Ion Ratio Lower Upper
43 100
58 42.4 29.5 88.5



#62
4-Bromofluorobenzene
Concen: 54.904 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

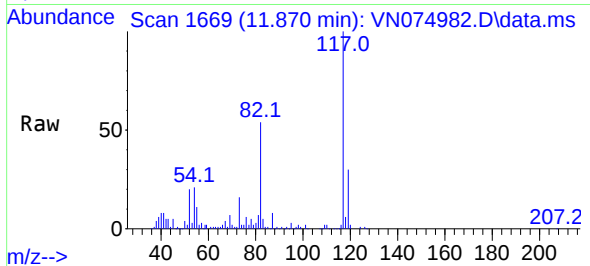
Tgt Ion: 95 Resp: 491642
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.0
176 69.8 0.0 138.2





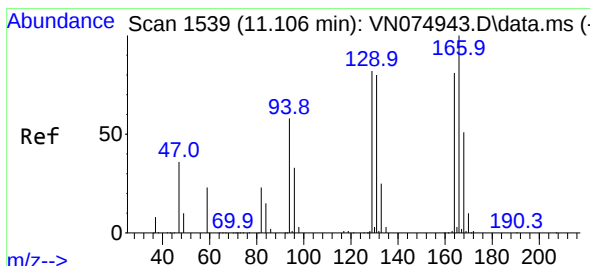
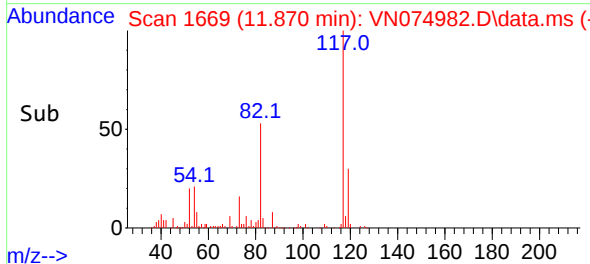
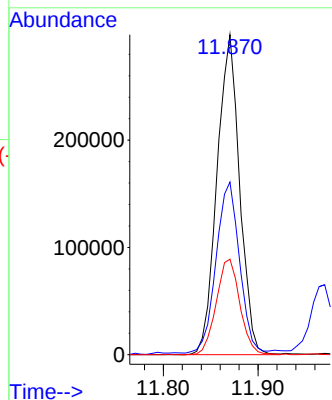
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 496082

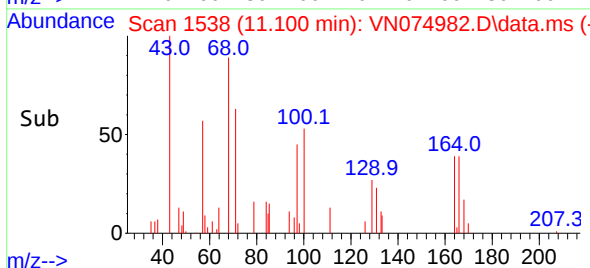
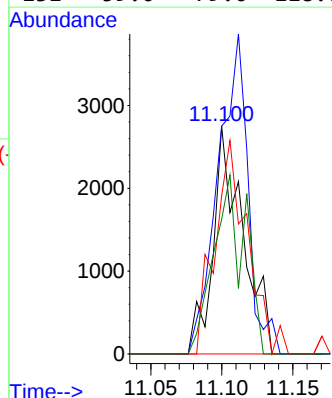
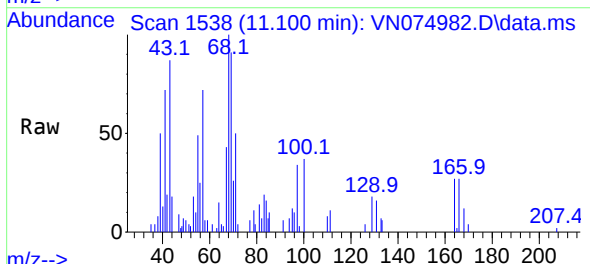
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.6	68.4
119	29.9	25.1	37.7

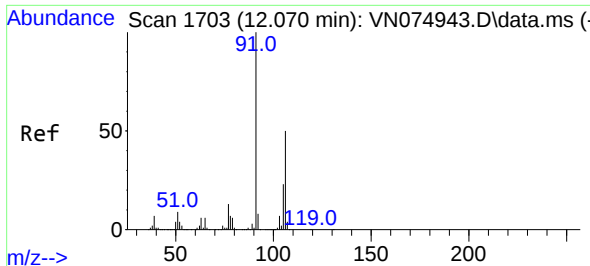


#64
Tetrachloroethene
Concen: 0.990 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:164 Resp: 4018

Ion	Ratio	Lower	Upper
164	100		
166	99.9	98.6	148.0
129	69.3	81.2	121.8#
131	59.0	79.0	118.6#

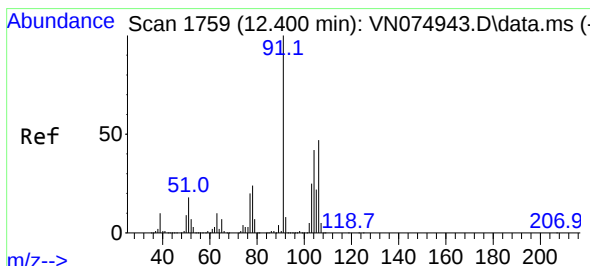
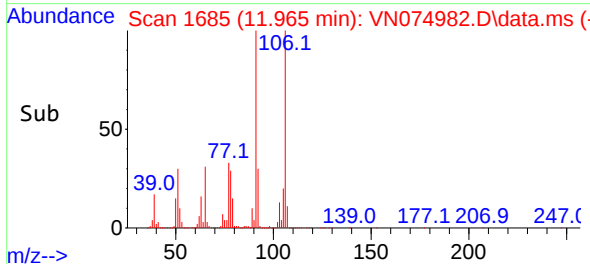
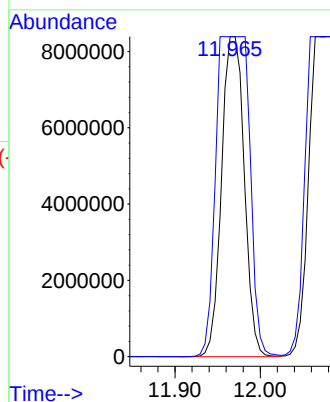
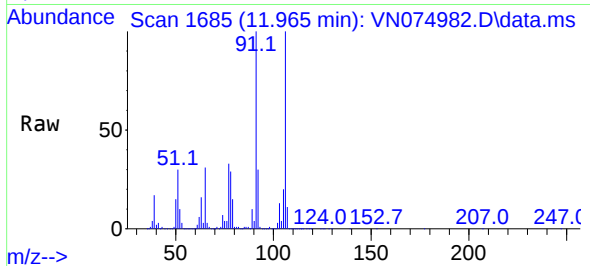




#68
m/p-Xylenes
Concen: 1491.648 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.106 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

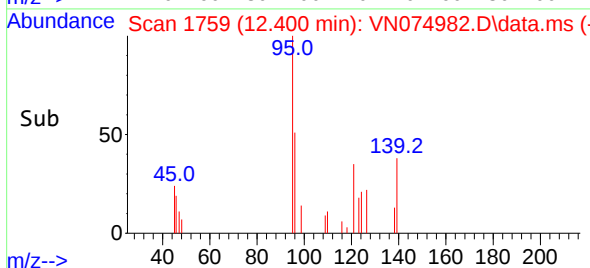
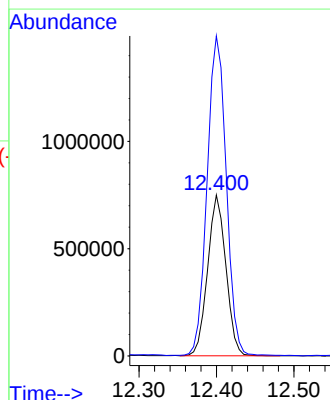
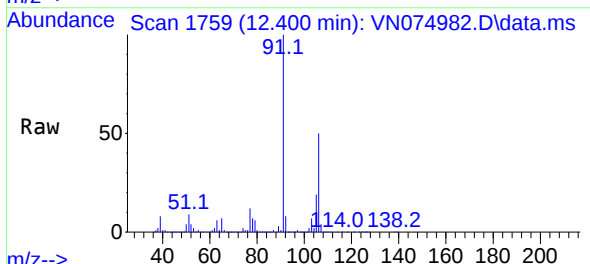
Instrument :
MSVOA_N
ClientSampleId :

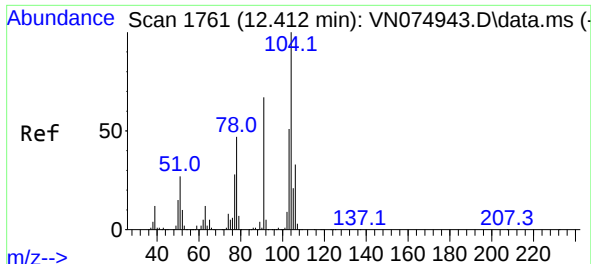
Tgt Ion:106 Resp:15490053
Ion Ratio Lower Upper
106 100
91 0.0 159.7 239.5#



#69
o-Xylene
Concen: 117.811 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:106 Resp: 1225527
Ion Ratio Lower Upper
106 100
91 208.9 103.6 310.7

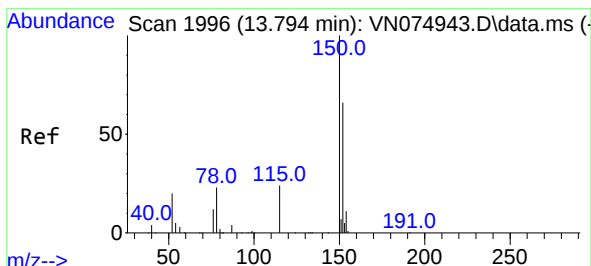
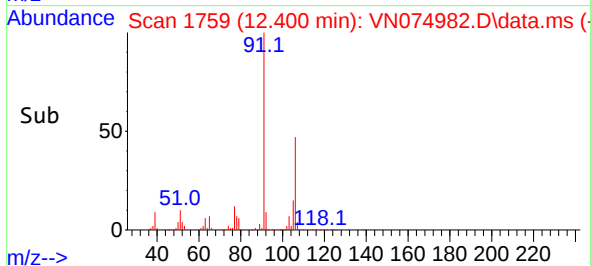
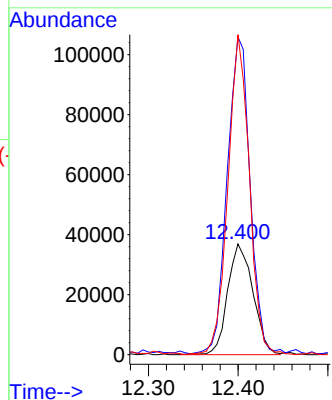
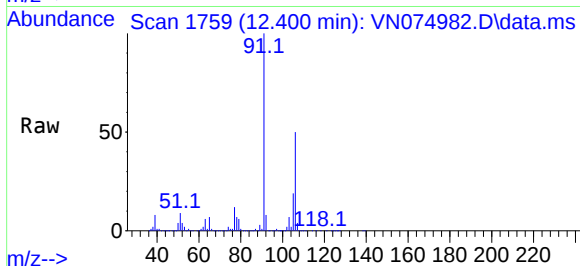




#70
Styrene
Concen: 4.389 ug/l
RT: 12.400 min Scan# 1761
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

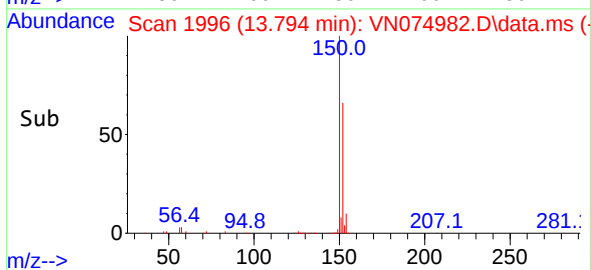
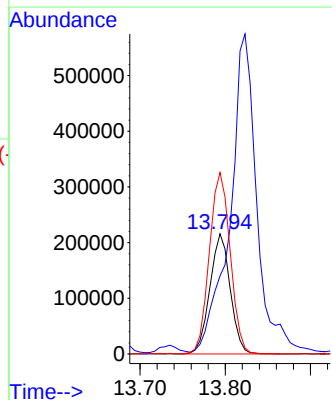
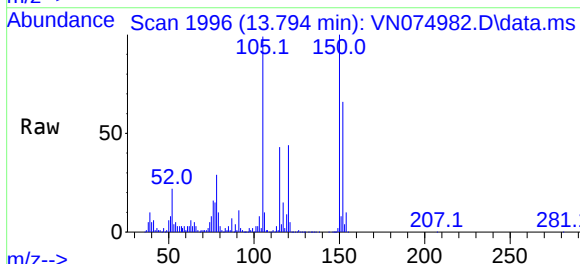
Instrument :
MSVOA_N
ClientSampleId :

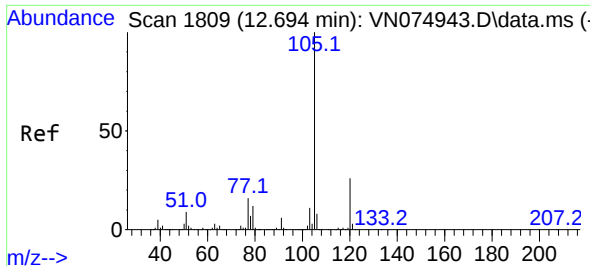
Tgt Ion:104 Resp: 72358
Ion Ratio Lower Upper
104 100
78 257.2 39.4 59.2#
103 245.1 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:152 Resp: 358893
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 154.1 0.0 349.6

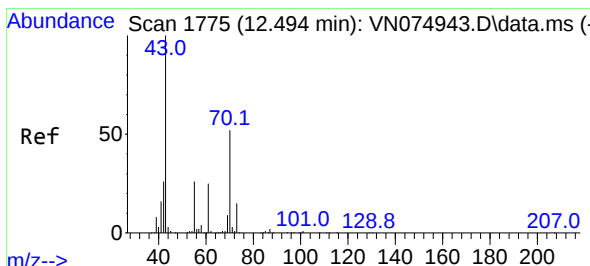
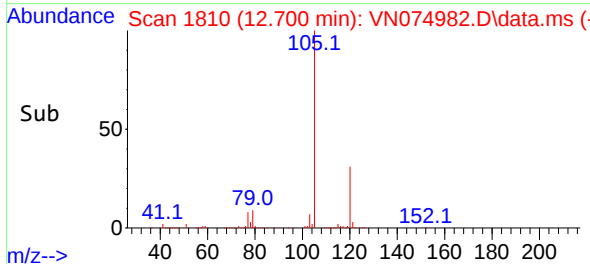
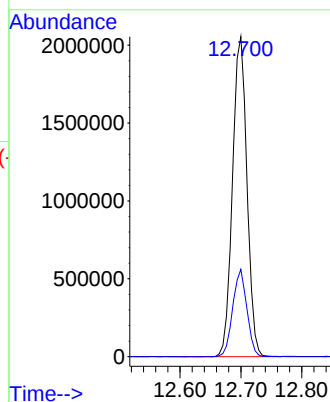
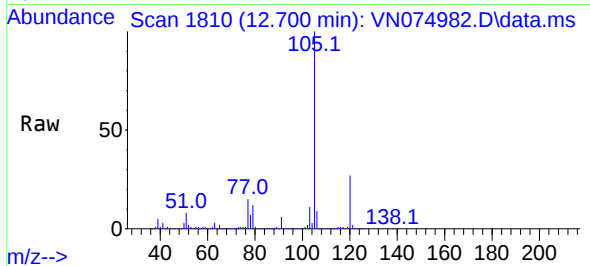




#73
Isopropylbenzene
Concen: 115.592 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

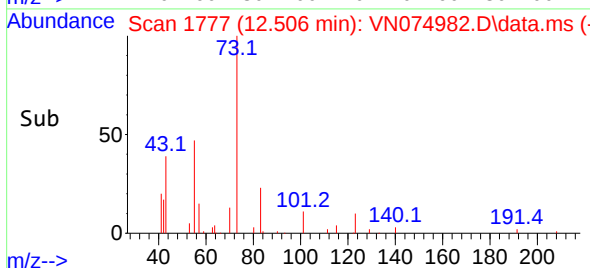
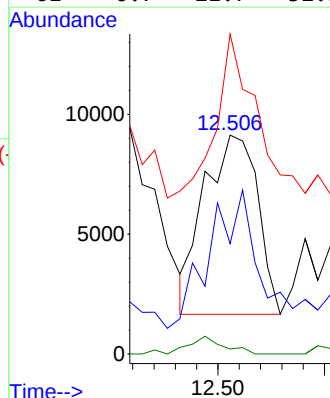
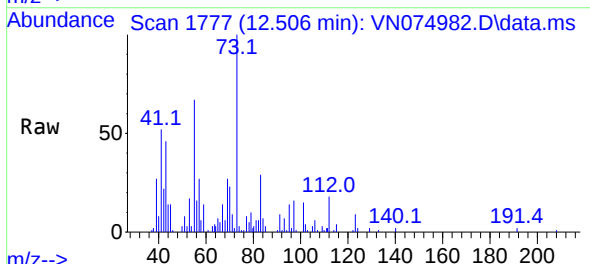
Instrument :
MSVOA_N
ClientSampleId :

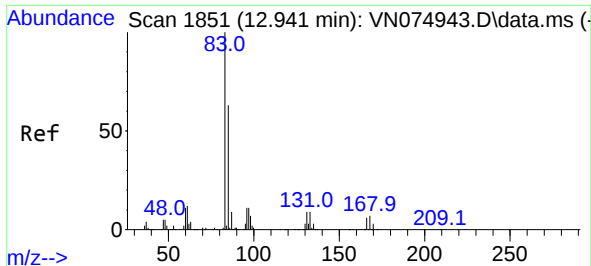
Tgt Ion:105 Resp: 3388558
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 1.108 ug/l
RT: 12.506 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 43 Resp: 13049
Ion Ratio Lower Upper
43 100
70 74.9 40.2 60.2#
55 104.0 20.6 31.0#
61 6.7 21.7 32.5#

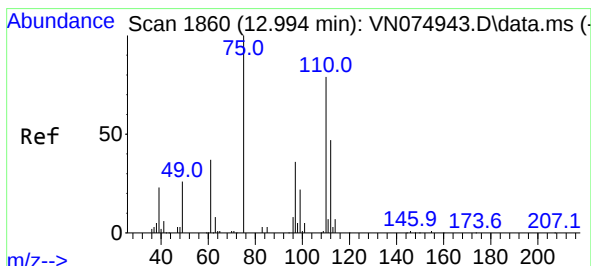
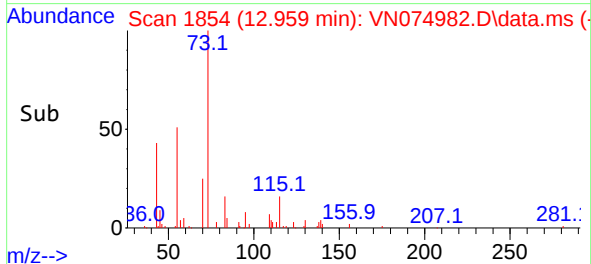
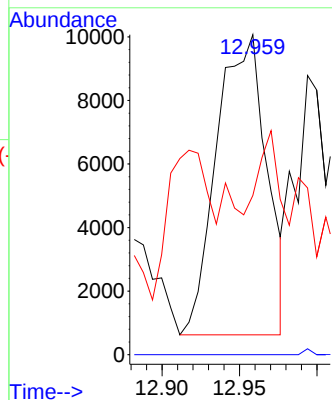
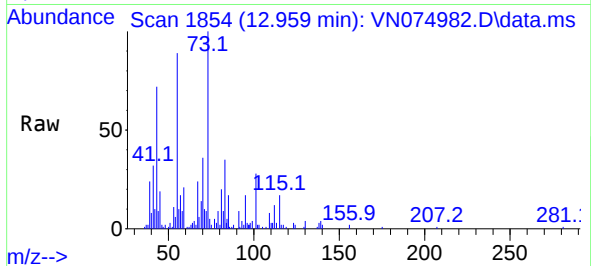




#75
1,1,2,2-Tetrachloroethane
Concen: 1.926 ug/l
RT: 12.959 min Scan# 1854
Delta R.T. 0.018 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

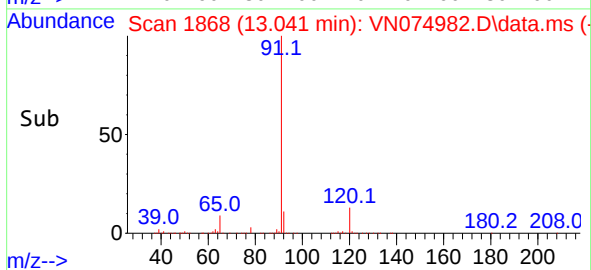
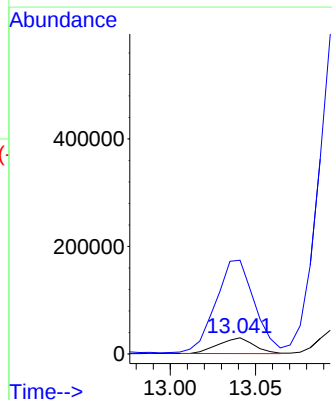
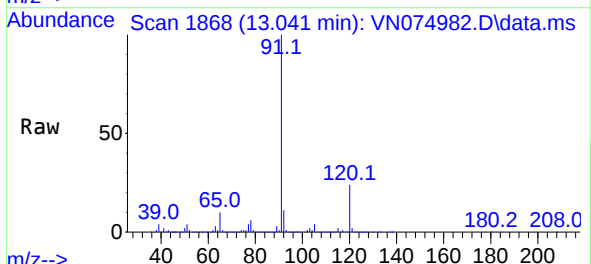
Instrument :
MSVOA_N
ClientSampleId :

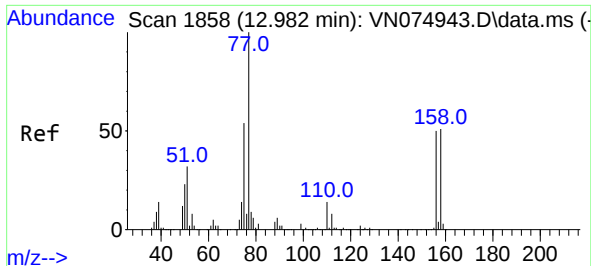
Tgt Ion: 83 Resp: 21088
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 12.5 32.6 97.7#



#76
1,2,3-Trichloropropane
Concen: 4.308 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.047 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 75 Resp: 41933
Ion Ratio Lower Upper
75 100
77 650.3 81.0 243.0#

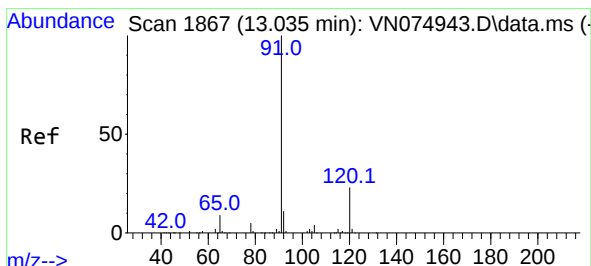
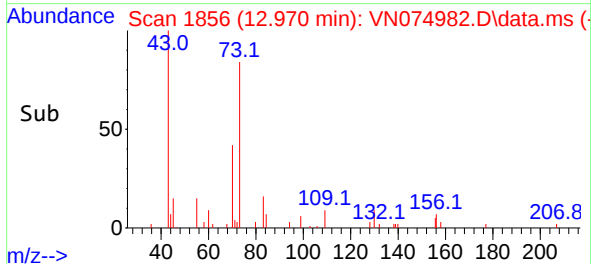
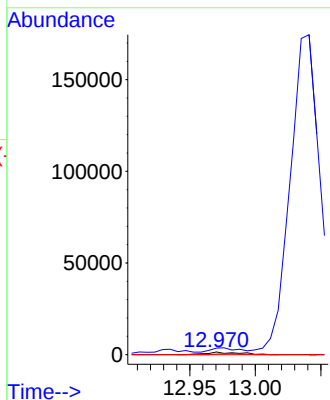
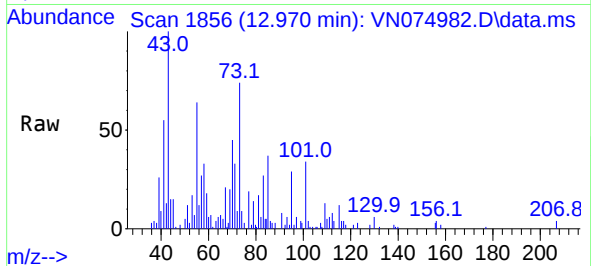




#77
Bromobenzene
Concen: 0.366 ug/l
RT: 12.970 min Scan# 1856
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

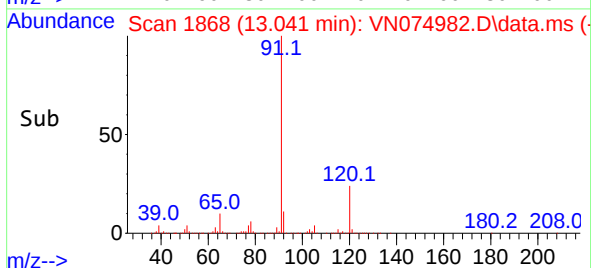
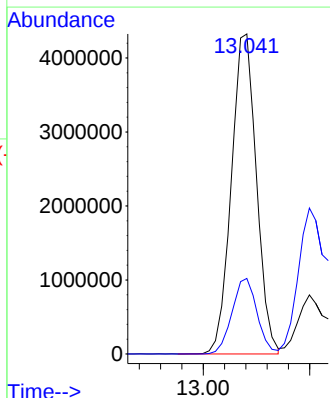
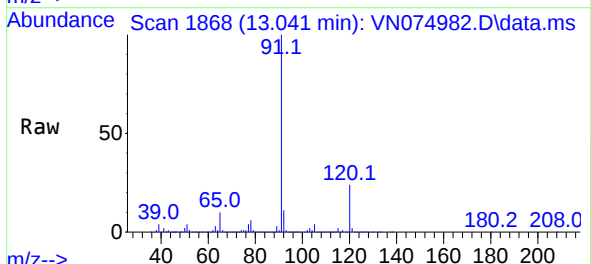
Instrument :
MSVOA_N
ClientSampleId :

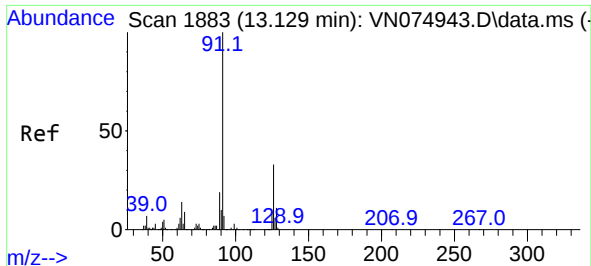
Tgt Ion:156 Resp: 2462
Ion Ratio Lower Upper
156 100
77 0.0 117.1 351.3#
158 27.6 48.3 144.9#



#78
n-propylbenzene
Concen: 206.206 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 91 Resp: 7074606
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4

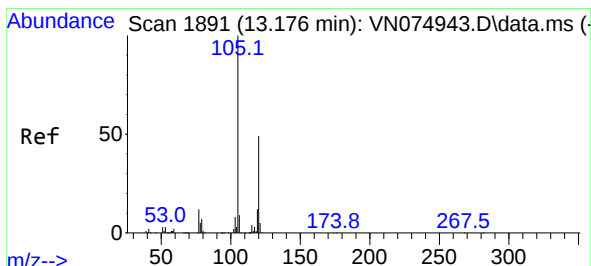
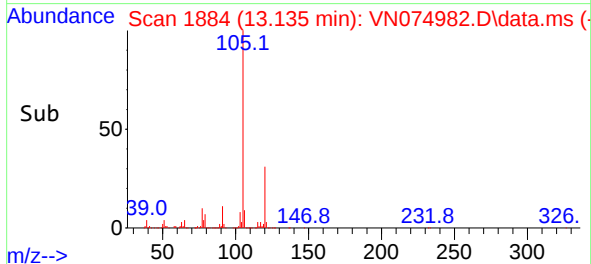
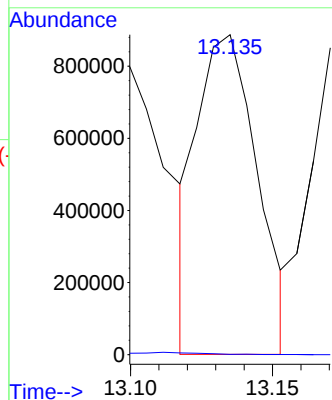
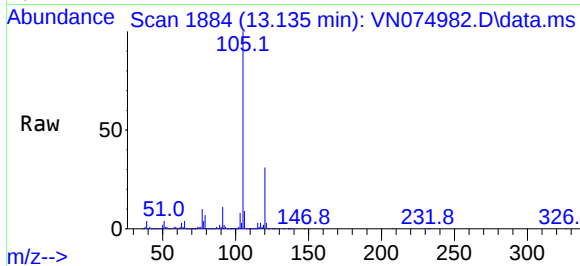




#79
2-Chlorotoluene
Concen: 61.314 ug/l
RT: 13.135 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

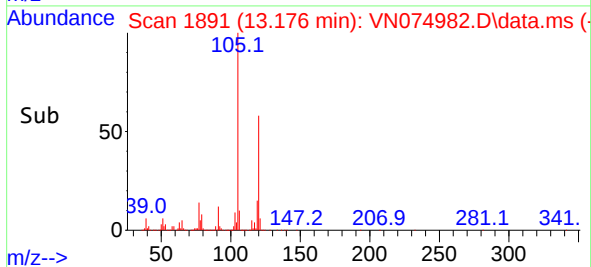
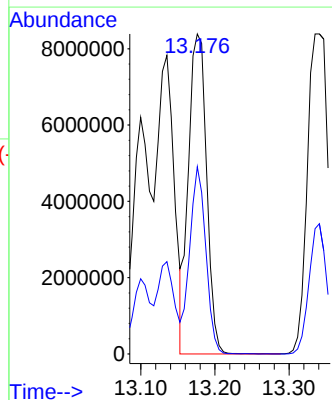
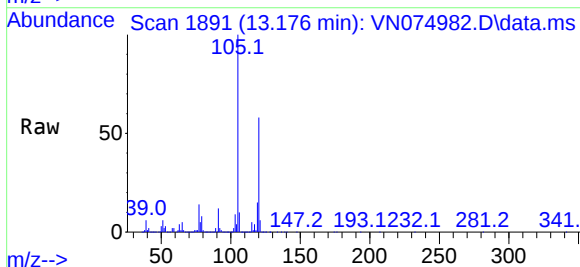
Instrument :
MSVOA_N
ClientSampleId :

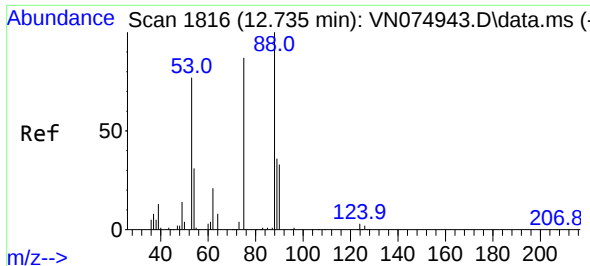
Tgt Ion: 91 Resp: 1303081
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 563.234 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:105 Resp:14261912
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.9

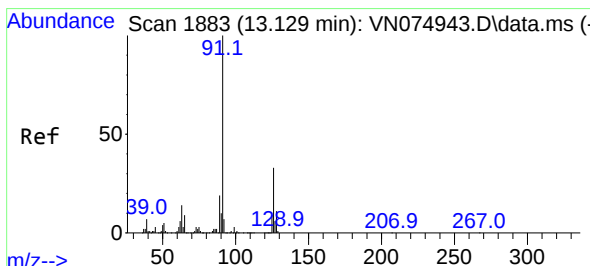
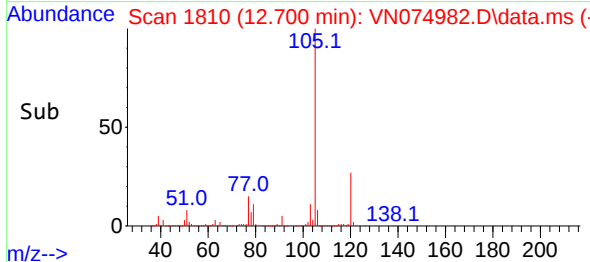
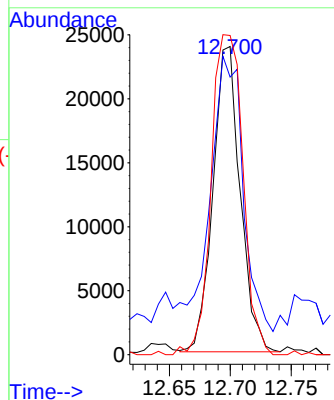
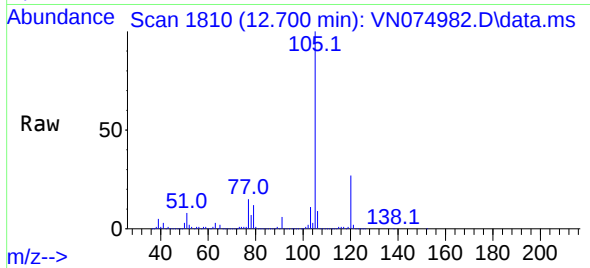




#81
trans-1,4-Dichloro-2-butene
Concen: 12.231 ug/l
RT: 12.700 min Scan# 1816
Delta R.T. -0.035 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

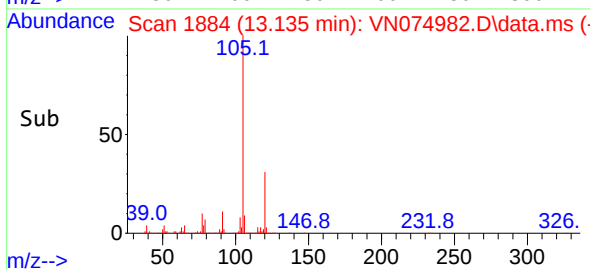
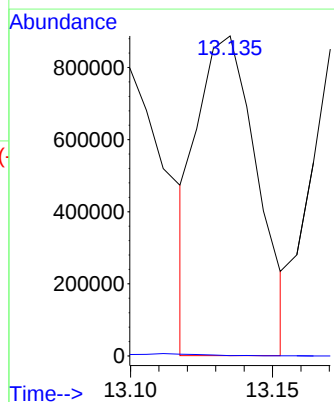
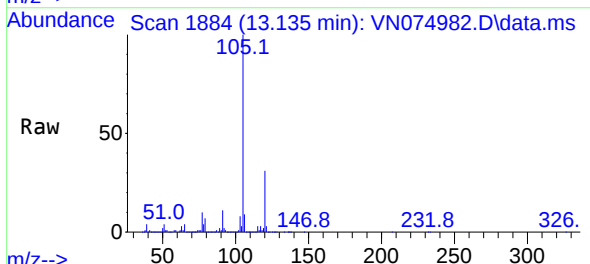
Instrument :
MSVOA_N
ClientSampleId :

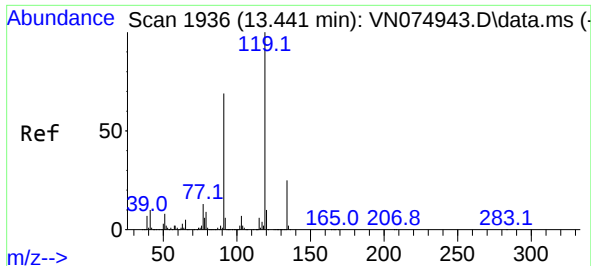
Tgt Ion: 75 Resp: 37128
Ion Ratio Lower Upper
75 100
53 104.8 79.2 118.8
89 121.8 37.9 56.9#



#82
4-Chlorotoluene
Concen: 61.314 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion: 91 Resp: 1303081
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

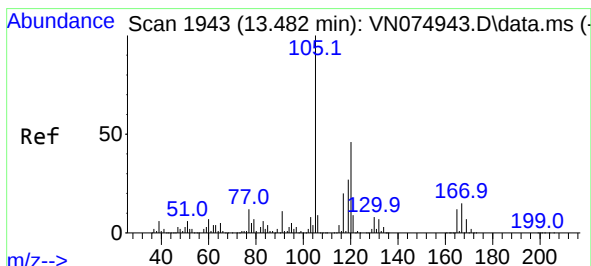
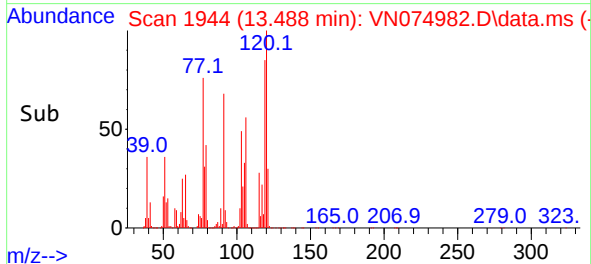
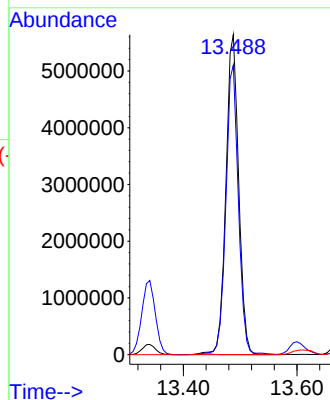
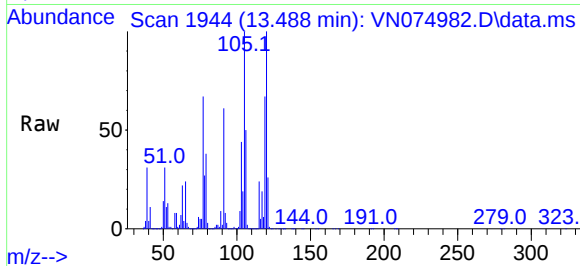




#83
tert-Butylbenzene
Concen: 393.742 ug/l
RT: 13.488 min Scan# 1918
Delta R.T. 0.047 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

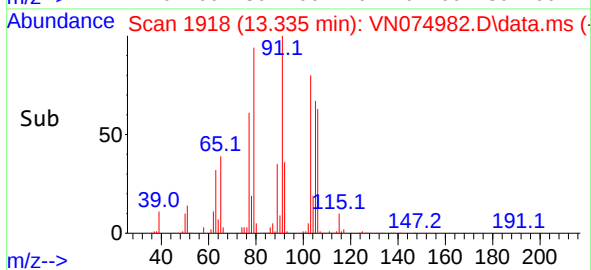
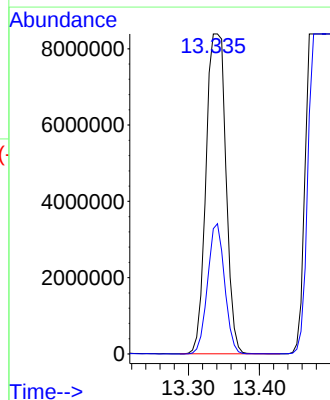
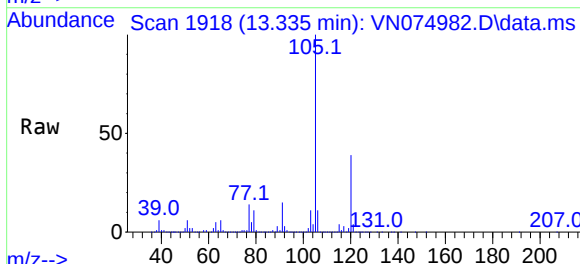
Instrument :
MSVOA_N
ClientSampleId :

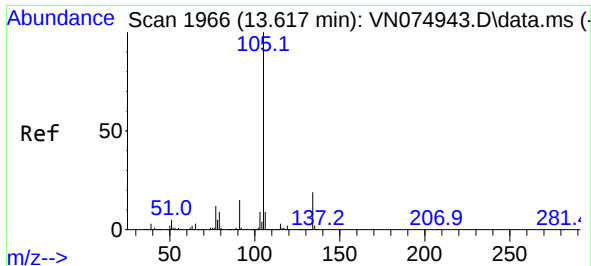
Tgt Ion:119 Resp: 8823123
Ion Ratio Lower Upper
119 100
91 88.7 33.1 99.3
134 0.0 12.4 37.0#



#84
1,2,4-Trimethylbenzene
Concen: 638.512 ug/l
RT: 13.335 min Scan# 1918
Delta R.T. -0.147 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:105 Resp:16330165
Ion Ratio Lower Upper
105 100
120 34.8 22.9 68.5

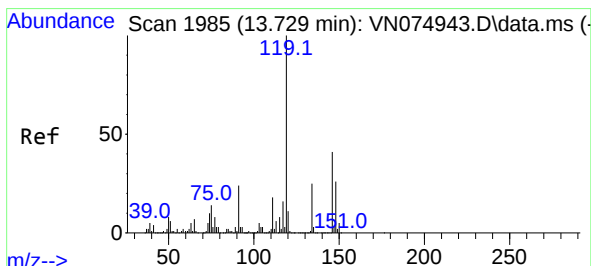
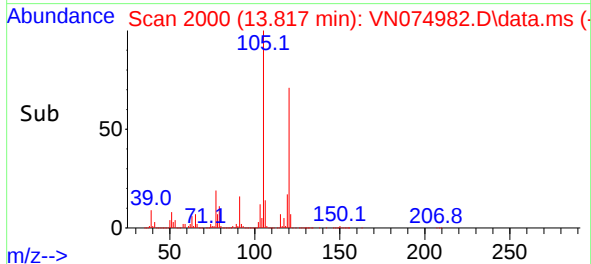
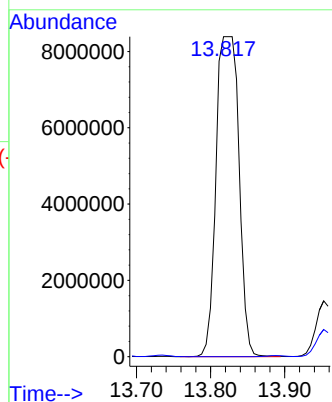
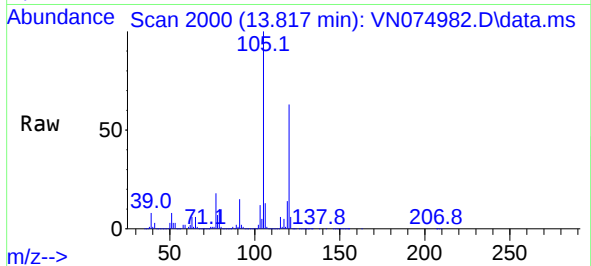




#85
sec-Butylbenzene
Concen: 570.753 ug/l
RT: 13.817 min Scan# 20
Delta R.T. 0.200 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

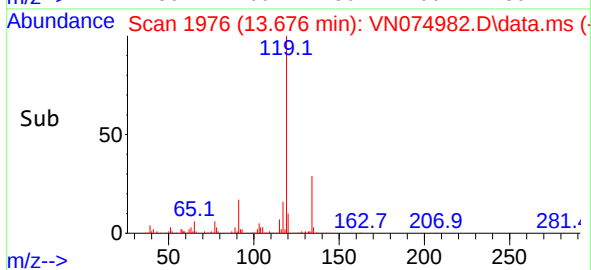
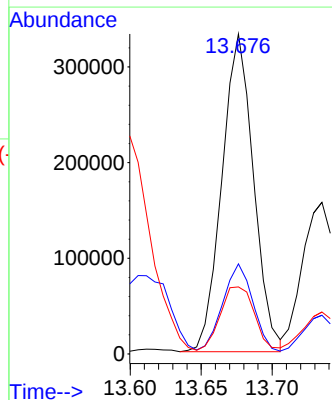
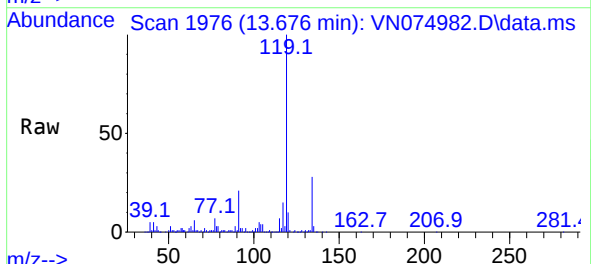
Instrument :
MSVOA_N
ClientSampleId :

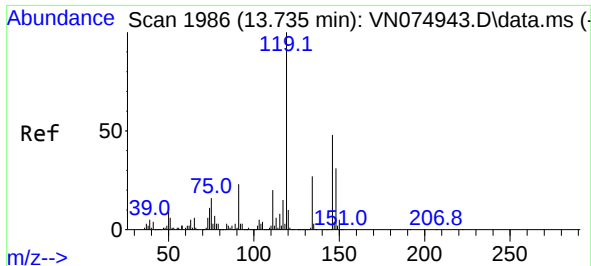
Tgt Ion:105 Resp:17957126
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#



#86
p-Isopropyltoluene
Concen: 19.847 ug/l
RT: 13.676 min Scan# 1976
Delta R.T. -0.053 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:119 Resp: 514279
Ion Ratio Lower Upper
119 100
134 27.8 12.9 38.7
91 0.0 11.9 35.5#





#87

1,3-Dichlorobenzene

Concen: 0.540 ug/l

RT: 13.741 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

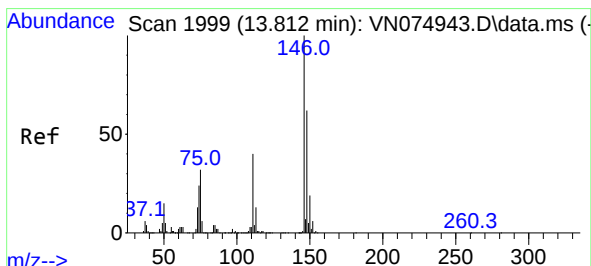
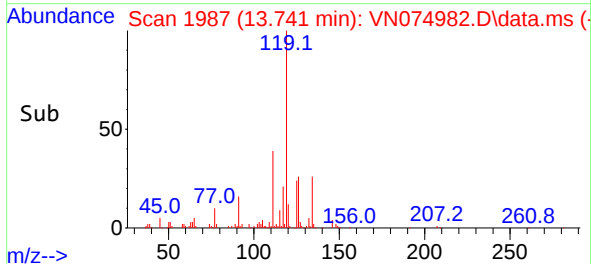
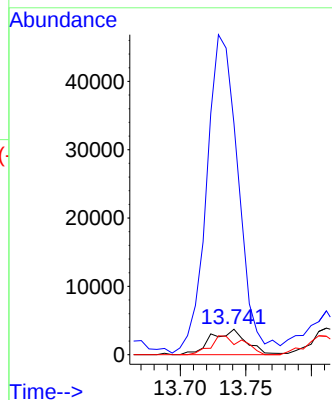
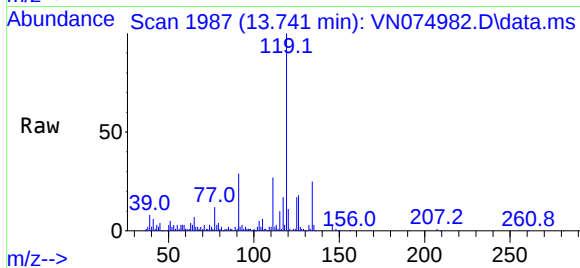
Tgt Ion:146 Resp: 6948

Ion Ratio Lower Upper

146 100

111 1124.3 21.5 64.5#

148 67.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.564 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

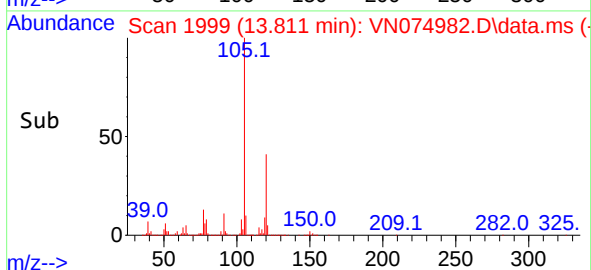
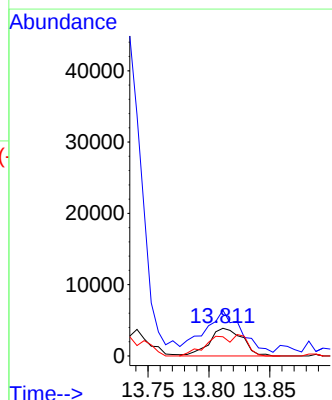
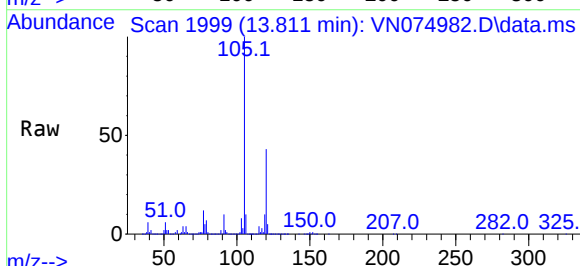
Tgt Ion:146 Resp: 7358

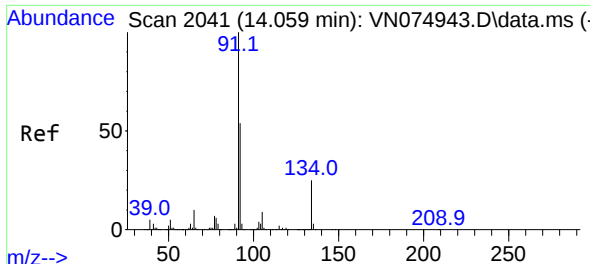
Ion Ratio Lower Upper

146 100

111 161.6 20.3 61.0#

148 55.1 32.3 96.9





#89

n-Butylbenzene

Concen: 224.737 ug/l

RT: 14.000 min Scan# 2041

Delta R.T. -0.059 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

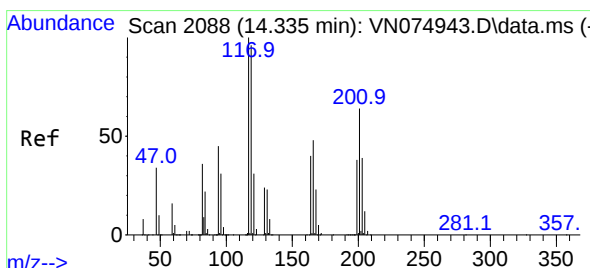
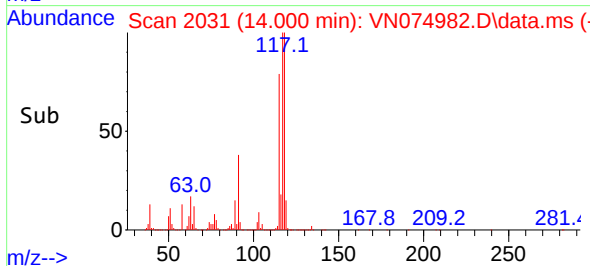
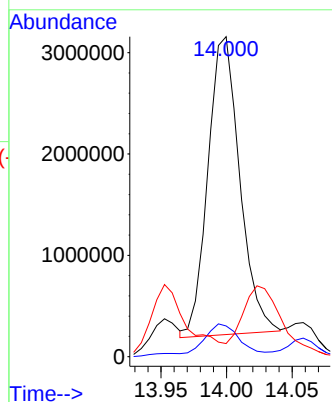
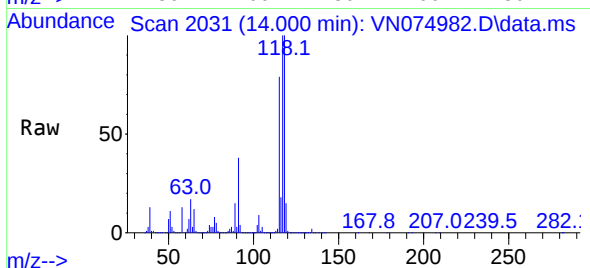
Tgt Ion: 91 Resp: 4972766

Ion Ratio Lower Upper

91 100

92 13.4 26.3 78.9#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 146.766 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN074982.D

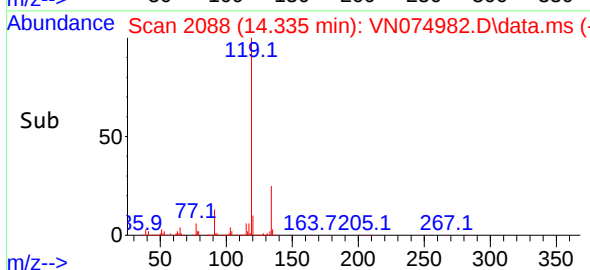
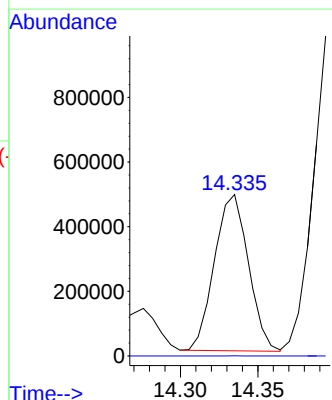
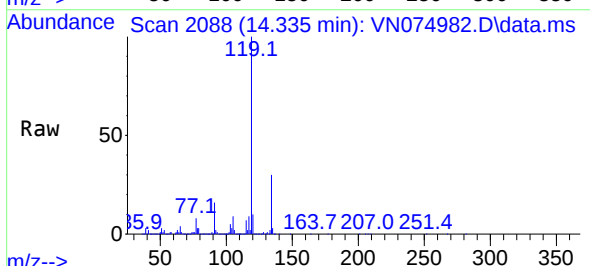
Acq: 24 Oct 2022 14:36

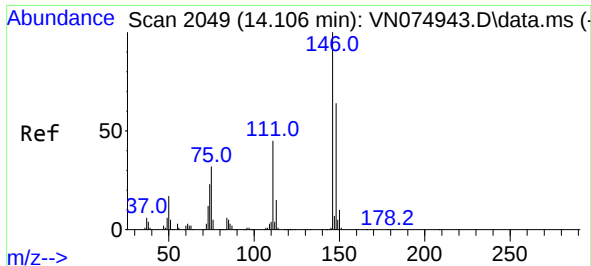
Tgt Ion: 117 Resp: 736822

Ion Ratio Lower Upper

117 100

201 0.0 30.6 91.6#





#91

1,2-Dichlorobenzene

Concen: 0.439 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

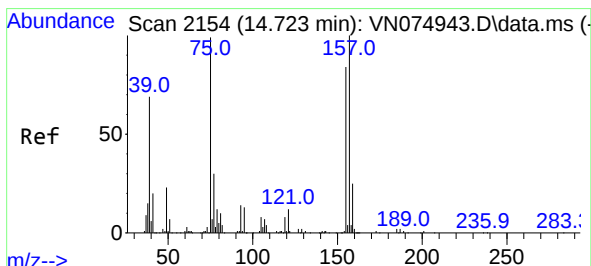
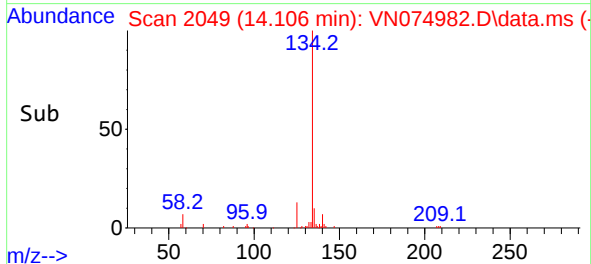
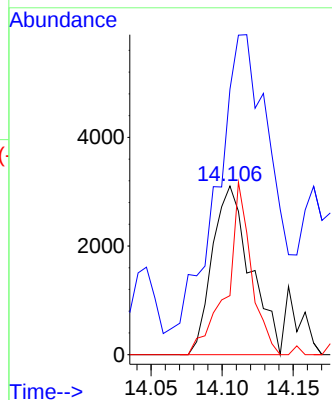
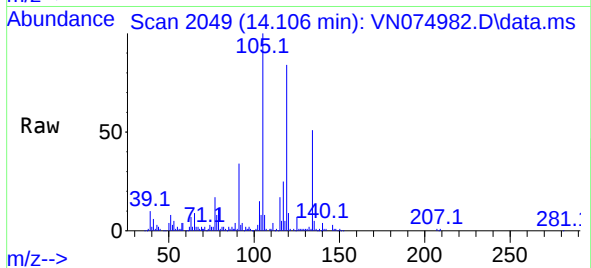
Tgt Ion:146 Resp: 5783

Ion Ratio Lower Upper

146 100

111 254.0 22.2 66.6#

148 65.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.352 ug/l

RT: 14.694 min Scan# 2149

Delta R.T. -0.030 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

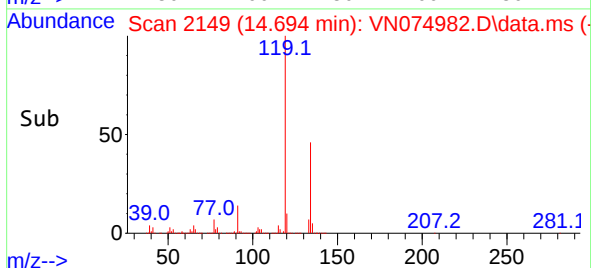
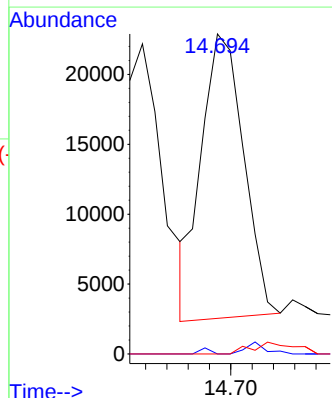
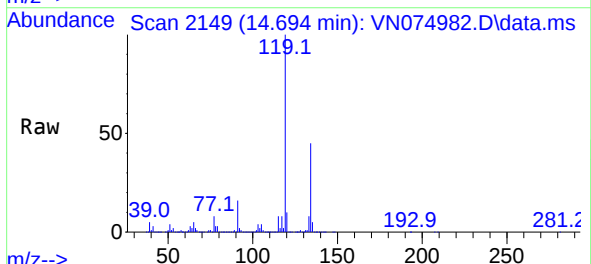
Tgt Ion: 75 Resp: 28098

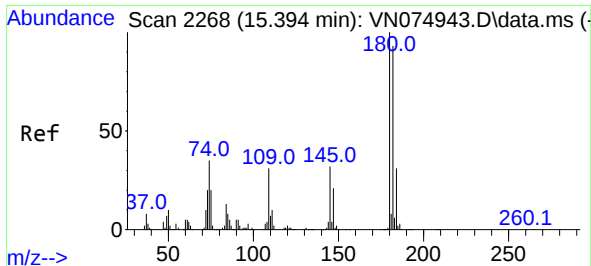
Ion Ratio Lower Upper

75 100

155 0.5 39.6 118.8#

157 0.0 47.8 143.4#

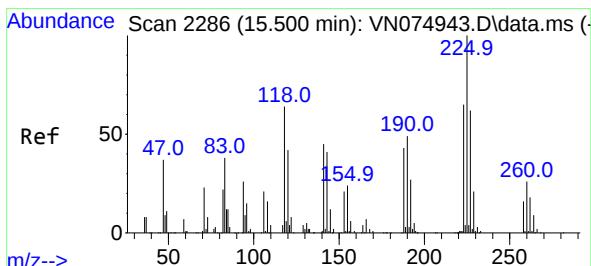
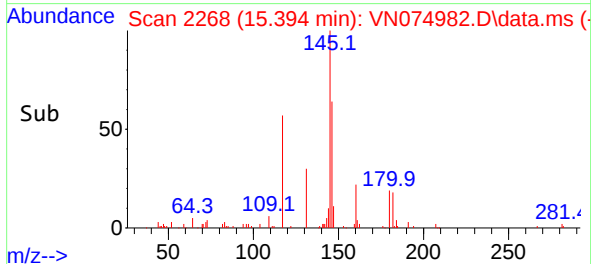
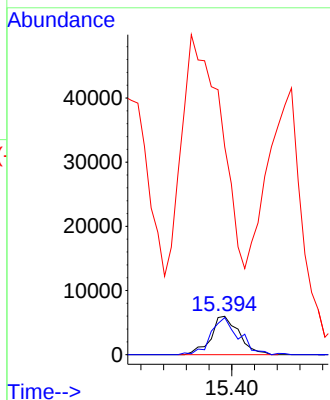
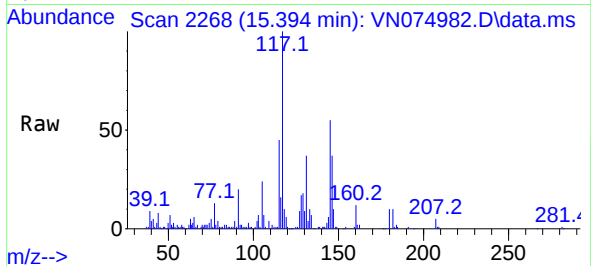




#93
1,2,4-Trichlorobenzene
Concen: 1.792 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

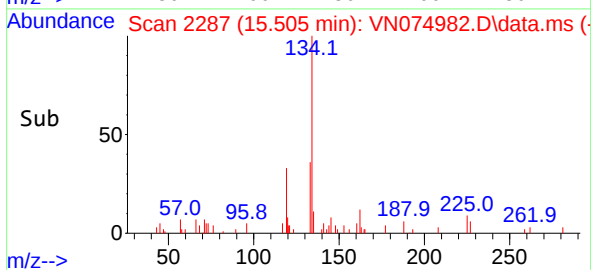
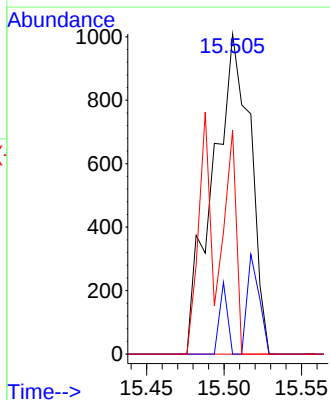
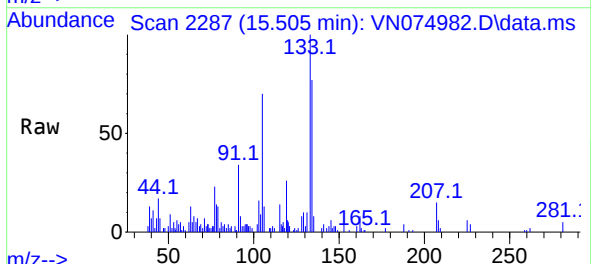
Instrument :
MSVOA_N
ClientSampleId :

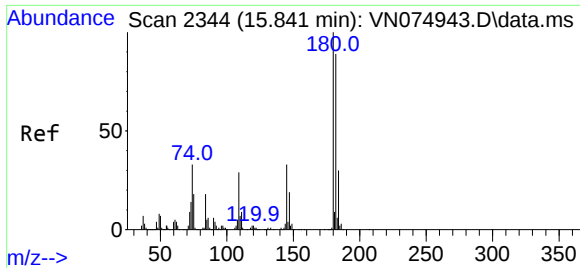
Tgt Ion:180 Resp: 10282
Ion Ratio Lower Upper
180 100
182 96.5 46.6 139.7
145 0.0 16.7 50.0#



#94
Hexachlorobutadiene
Concen: 0.570 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

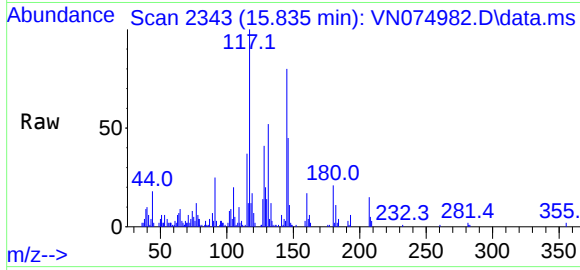
Tgt Ion:225 Resp: 1689
Ion Ratio Lower Upper
225 100
223 4.7 31.9 95.5#
227 24.9 31.4 94.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.064 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 11919

Ion	Ratio	Lower	Upper
180	100		
182	88.5	46.7	140.1
145	0.0	17.2	51.5#

