

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074596.D
 Acq On : 19 Sep 2022 19:19
 Operator : JC\MD
 Sample : N4566-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 04:21:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	322213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	613544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	659277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	457112	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.375	65	249881	45.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.420%
35) Dibromofluoromethane	7.957	113	205072	50.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	10.380	98	783558	49.712	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.674	95	439520	81.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	162.840%#

Target Compounds

						Qvalue
3) Chloromethane	2.228	50	65566	11.317	ug/l #	63
5) Bromomethane	2.775	94	1020	0.306	ug/l #	61
6) Chloroethane	3.069	64	15893	3.686	ug/l #	33
11) Tert butyl alcohol	5.281	59	7235	4.062	ug/l #	72
12) 1,1-Dichloroethene	4.140	96	121	0.713	ug/l #	1
13) Acrolein	3.822	56	195552	300.675	ug/l #	1
14) Allyl chloride	4.857	41	357053	35.236	ug/l #	73
15) Acrylonitrile	5.528	53	68717	17.175	ug/l #	39
16) Acetone	4.222	43	551706	157.702	ug/l	89
17) Carbon Disulfide	4.445	76	38982	3.350	ug/l #	93
18) Methyl Acetate	4.828	43	213323	19.632	ug/l #	48
20) Methylene Chloride	5.122	84	101716	19.063	ug/l #	6
21) trans-1,2-Dichloroethene	5.639	96	90	0.448	ug/l #	1
23) Vinyl Acetate	6.310	43	173008	9.640	ug/l #	70
24) 1,1-Dichloroethane	6.298	63	7091	0.697	ug/l #	82
25) 2-Butanone	7.257	43	200292	34.483	ug/l #	85
26) 2,2-Dichloropropane	7.239	77	4387	0.500	ug/l #	53
28) Bromochloromethane	7.680	49	57	Below Cal	#	8
30) Chloroform	7.698	83	14437	1.538	ug/l #	18
31) Cyclohexane	8.022	56	2595081	267.423	ug/l	88
36) 1,1-Dichloropropene	8.016	75	38228	5.299	ug/l #	27
37) Ethyl Acetate	7.257	43	200292	17.978	ug/l #	69
38) Carbon Tetrachloride	8.022	117	34926	5.244	ug/l #	18
39) Methylcyclohexane	9.392	83	1169374	136.319	ug/l	93
41) Methacrylonitrile	7.575	41	14379	2.670	ug/l #	36
42) 1,2-Dichloroethane	8.527	62	12034	1.572	ug/l #	74
43) Isopropyl Acetate	8.492	43	76555	4.387	ug/l #	53
46) Dibromomethane	9.474	93	1162	0.303	ug/l #	1
47) Bromodichloromethane	9.574	83	16658	2.213	ug/l #	29
48) Methyl methacrylate	9.574	41	127281	16.449	ug/l #	76
51) 4-Methyl-2-Pentanone	10.274	43	18771	1.647	ug/l	98
52) Toluene	10.445	92	1667193	127.449	ug/l	97
53) t-1,3-Dichloropropene	10.445	75	22634	2.580	ug/l #	1
55) 1,1,2-Trichloroethane	10.821	97	90306	16.298	ug/l #	22
56) Ethyl methacrylate	10.721	69	25749	2.601	ug/l #	1
59) 2-Hexanone	11.033	43	155977	17.929	ug/l #	47

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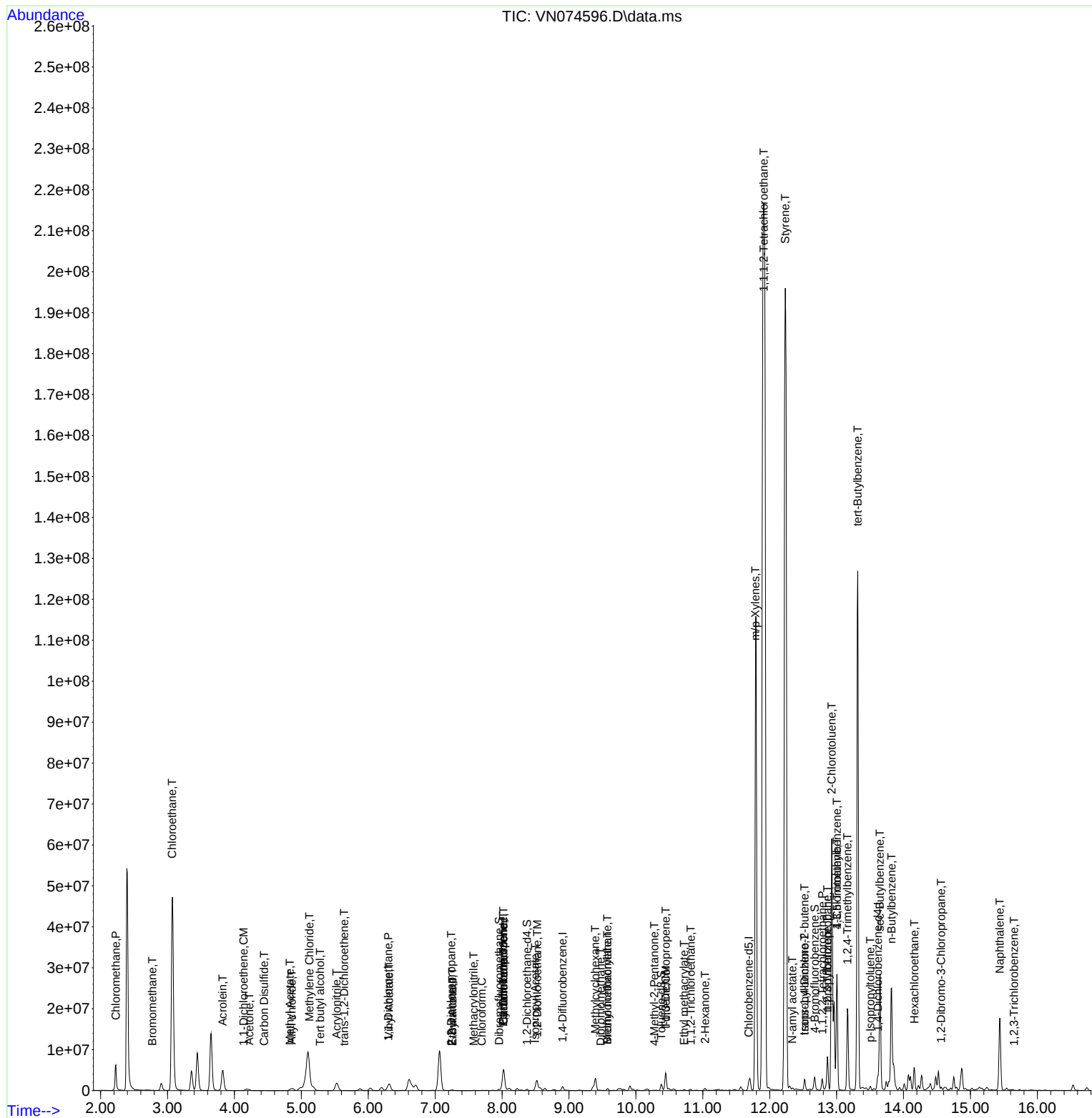
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
66) 1,1,1,2-Tetrachloroethane	11.910	131	4976	0.827	ug/l	#	1
68) m/p-Xylenes	11.786	106	18770280	1670.697	ug/l	#	1
70) Styrene	12.233	104	5505529	288.929	ug/l	#	1
73) Isopropylbenzene	12.521	105	1616592	34.539	ug/l		98
74) N-amyl acetate	12.339	43	55703	1.903	ug/l	#	15
75) 1,1,2,2-Tetrachloroethane	12.786	83	173848	9.269	ug/l	#	39
76) 1,2,3-Trichloropropane	12.862	75	45283	3.218	ug/l	#	1
78) n-propylbenzene	12.862	91	6084634	109.151	ug/l		95
79) 2-Chlorotoluene	12.927	91	5235090	157.314	ug/l	#	40
80) 1,3,5-Trimethylbenzene	13.004	105	13158882	344.886	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.521	75	24554	3.766	ug/l	#	72
82) 4-Chlorotoluene	13.004	91	1645748	52.030	ug/l	#	40
83) tert-Butylbenzene	13.315	119	10152868	292.387	ug/l	#	51
84) 1,2,4-Trimethylbenzene	13.162	105	11508246	299.720	ug/l		76
85) sec-Butylbenzene	13.645	105	13997303	293.575	ug/l	#	56
86) p-Isopropyltoluene	13.504	119	418683	11.264	ug/l	#	78
89) n-Butylbenzene	13.821	91	3081772	91.985	ug/l	#	60
90) Hexachloroethane	14.162	117	269987	33.383	ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	14.562	75	2967	0.716	ug/l	#	1
95) Naphthalene	15.439	128	13748485	341.806	ug/l		99
96) 1,2,3-Trichlorobenzene	15.651	180	255	1.363	ug/l	#	1

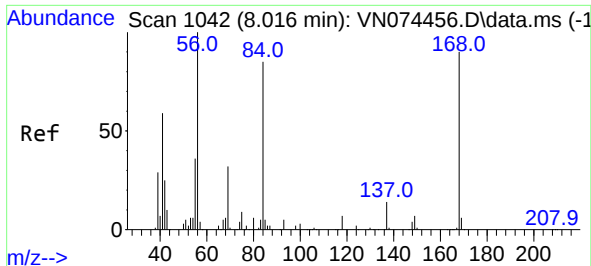
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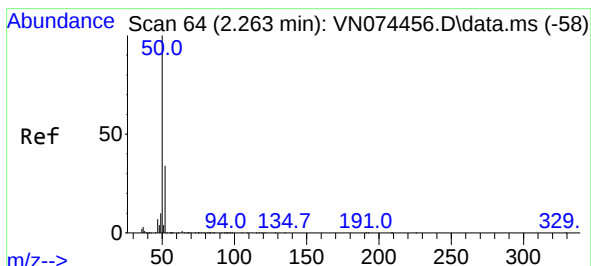
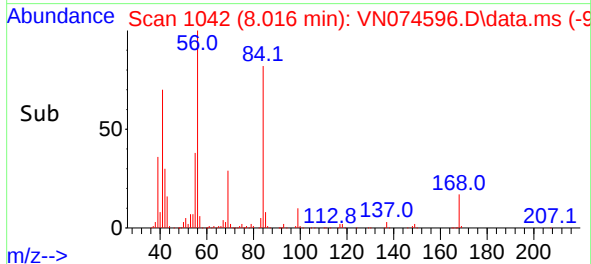
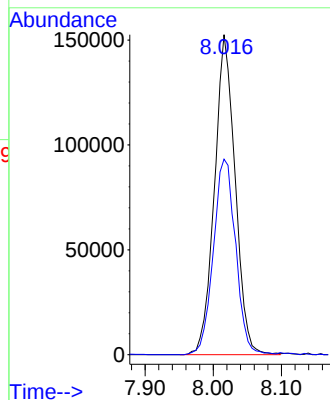
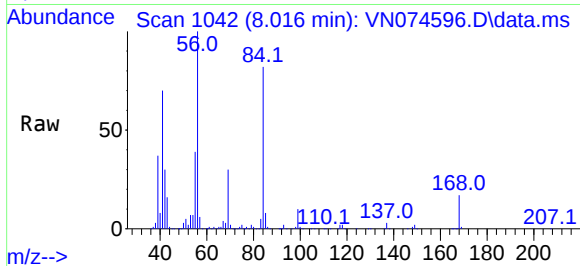




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074596.D
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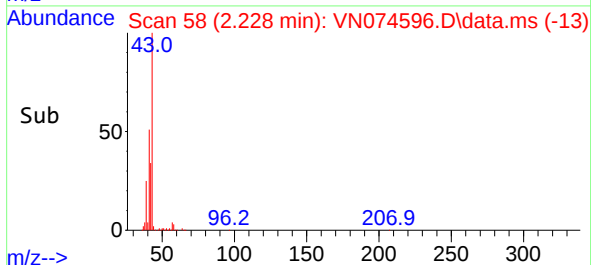
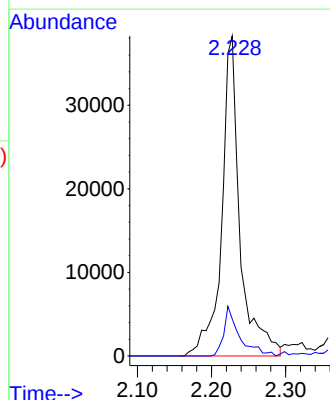
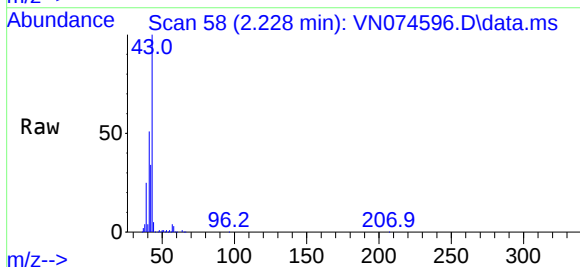
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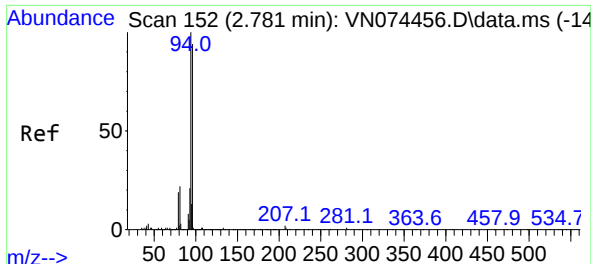
Tgt Ion:168 Resp: 322213
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: 11.317 ug/l
RT: 2.228 min Scan# 58
Delta R.T. -0.035 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 50 Resp: 65566
Ion Ratio Lower Upper
50 100
52 11.6 25.7 38.5#

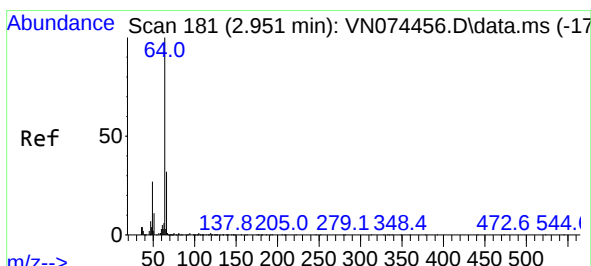
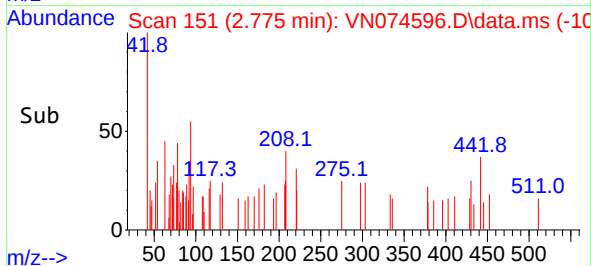
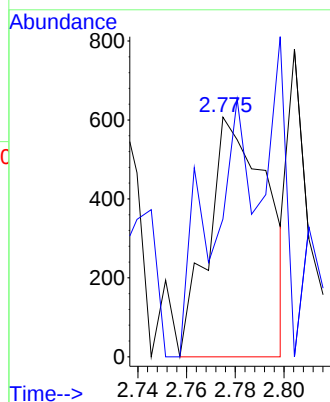
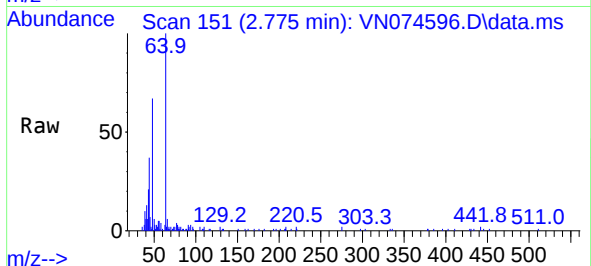




#5
Bromomethane
Concen: 0.306 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

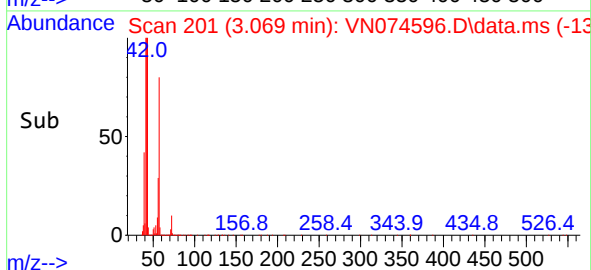
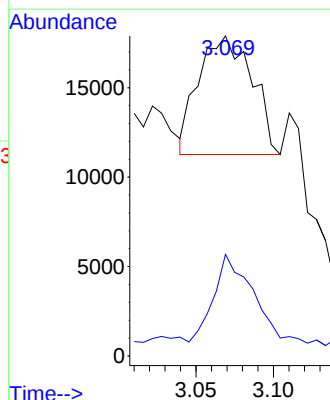
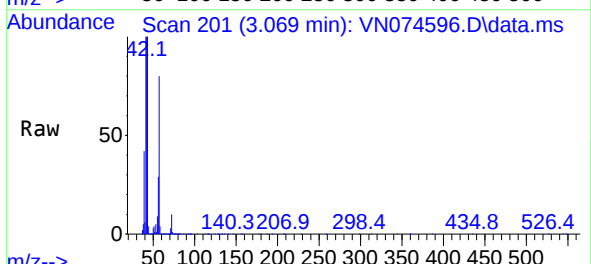
Instrument :
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ClientSampleId :

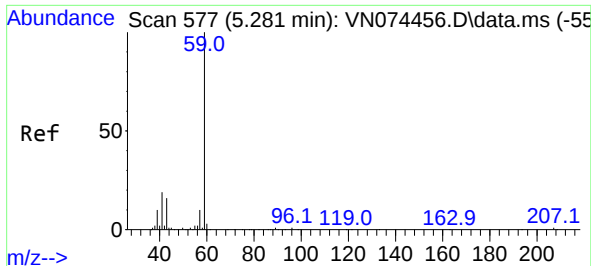
Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 57.5 76.0 114.0#



#6
Chloroethane
Concen: 3.686 ug/l
RT: 3.069 min Scan# 201
Delta R.T. 0.118 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 64 Resp: 15893
Ion Ratio Lower Upper
64 100
66 70.5 26.2 39.4#

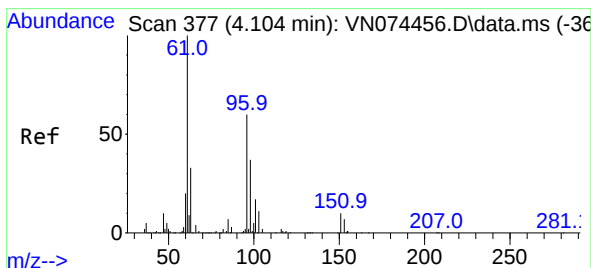
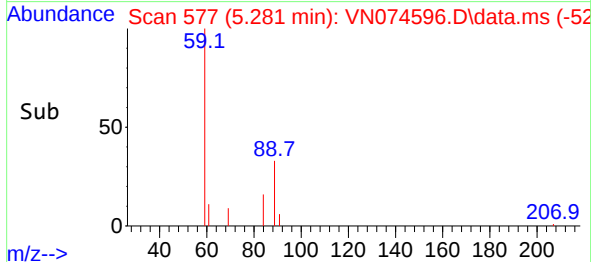
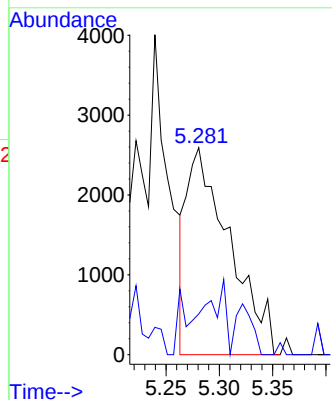
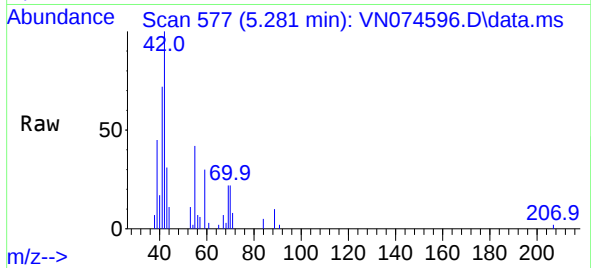




#11
Tert butyl alcohol
Concen: 4.062 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

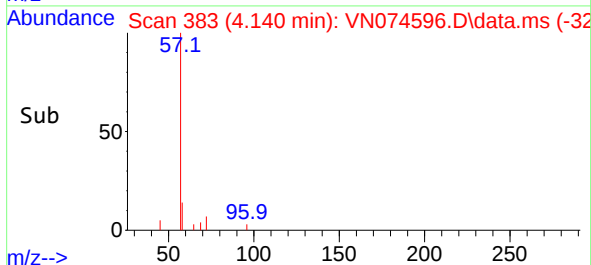
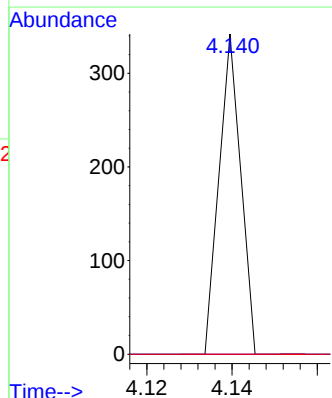
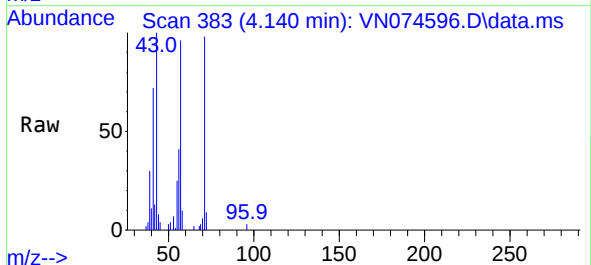
Instrument :
MSVOA_N
ClientSampleId :

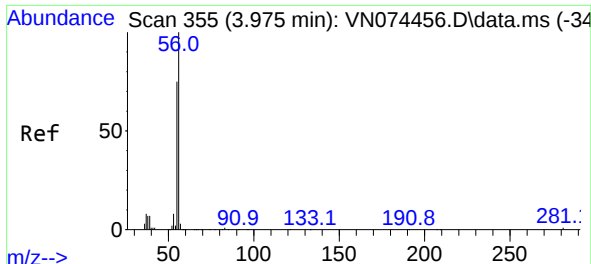
Tgt Ion: 59 Resp: 7235
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.713 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.036 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 96 Resp: 121
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

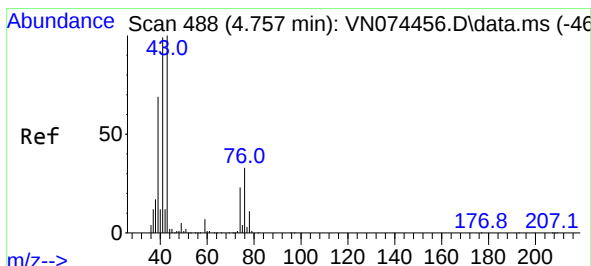
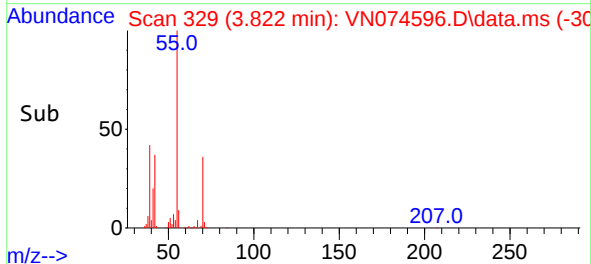
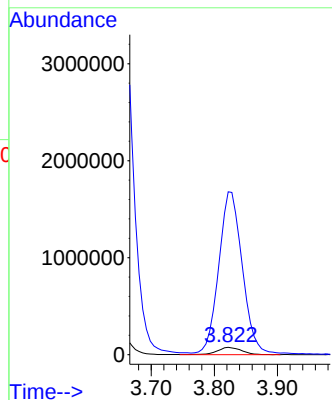
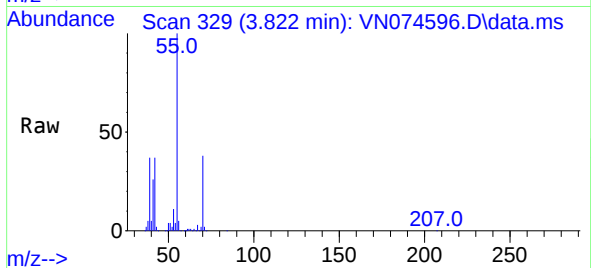




#13
Acrolein
Concen: 300.675 ug/l
RT: 3.822 min Scan# 31
Delta R.T. -0.153 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

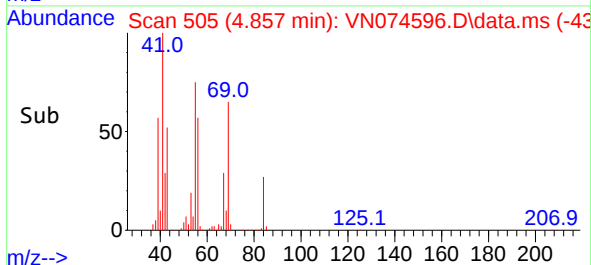
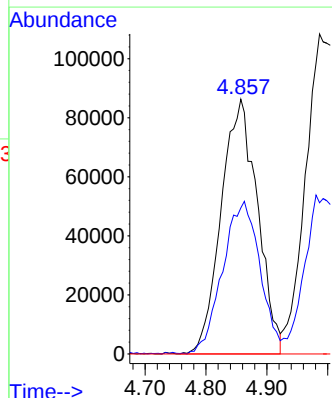
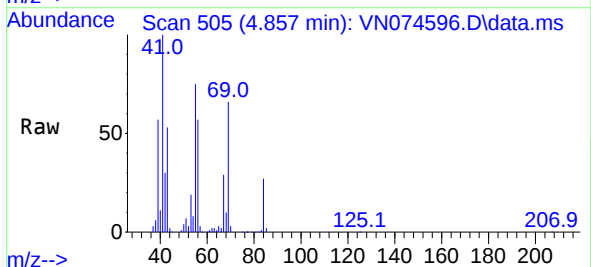
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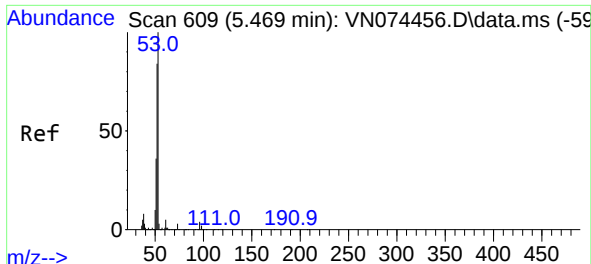
Tgt Ion: 56 Resp: 195552
Ion Ratio Lower Upper
56 100
55 2208.4 54.8 82.2#



#14
Allyl chloride
Concen: 35.236 ug/l
RT: 4.857 min Scan# 505
Delta R.T. 0.100 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 41 Resp: 357053
Ion Ratio Lower Upper
41 100
39 61.2 53.2 79.8
76 0.0 29.9 44.9#

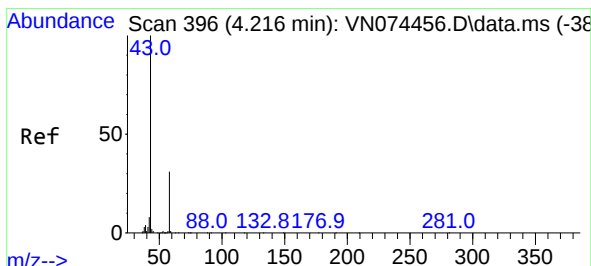
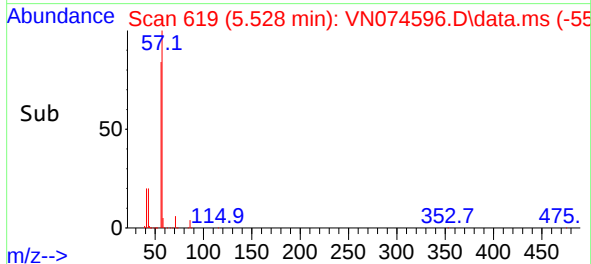
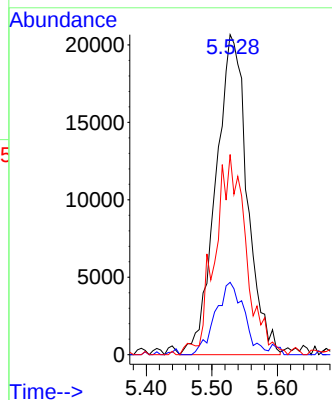
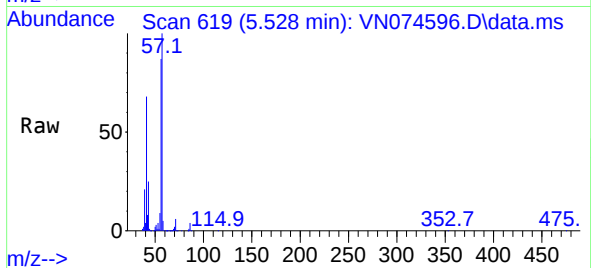




#15
Acrylonitrile
Concen: 17.175 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.059 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

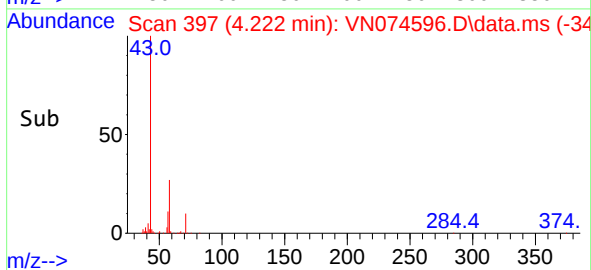
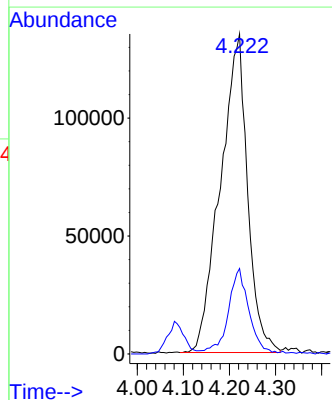
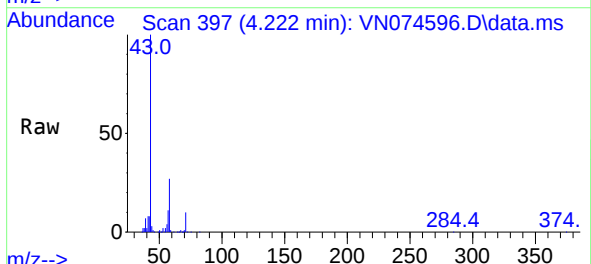
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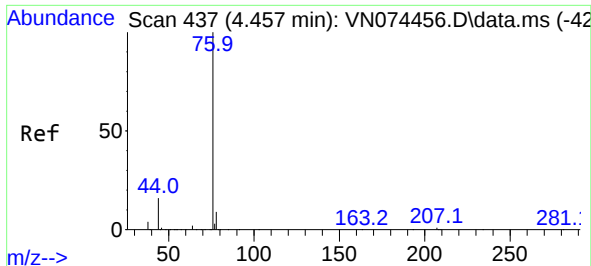
Tgt Ion: 53 Resp: 68717
Ion Ratio Lower Upper
53 100
52 20.7 66.4 99.6#
51 61.0 28.5 42.7#



#16
Acetone
Concen: 157.702 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 43 Resp: 551706
Ion Ratio Lower Upper
43 100
58 26.3 26.0 39.0

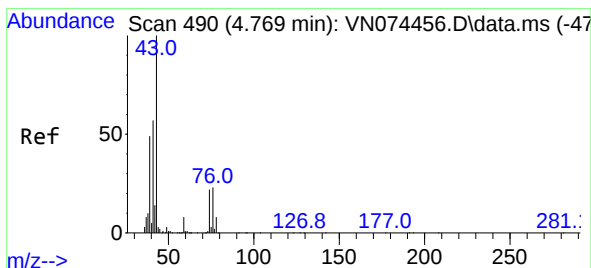
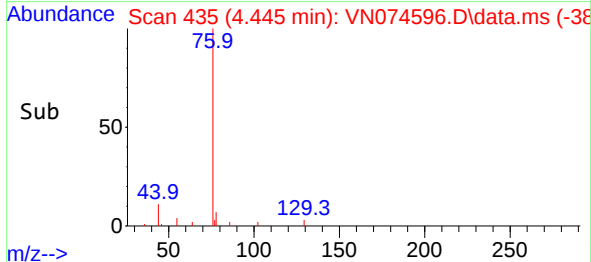
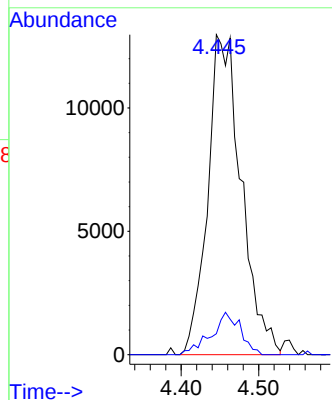
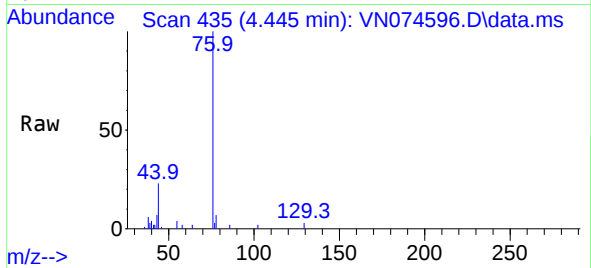




#17
Carbon Disulfide
Concen: 3.350 ug/l
RT: 4.445 min Scan# 41
Delta R.T. -0.012 min
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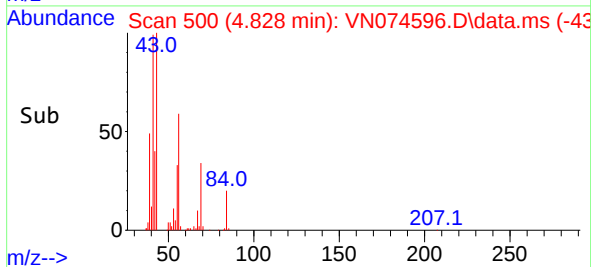
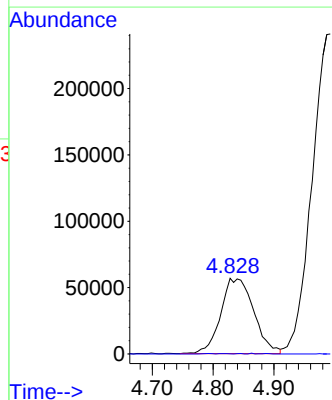
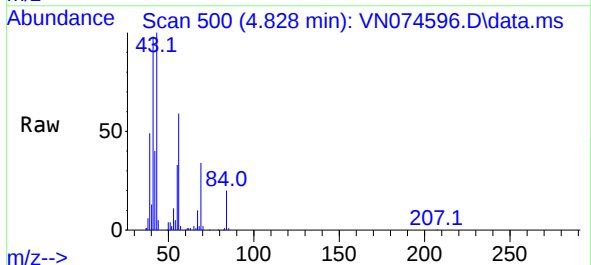
Instrument :
MSVOA_N
ClientSampleId :

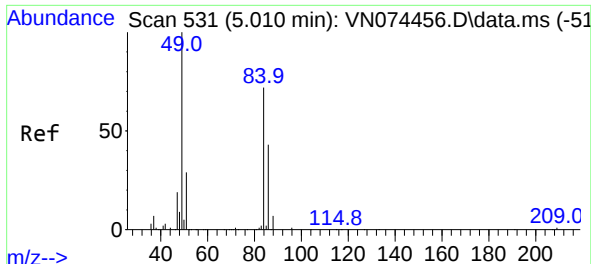
Tgt Ion: 76 Resp: 38982
Ion Ratio Lower Upper
76 100
78 6.5 7.2 10.8#



#18
Methyl Acetate
Concen: 19.632 ug/l
RT: 4.828 min Scan# 500
Delta R.T. 0.059 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

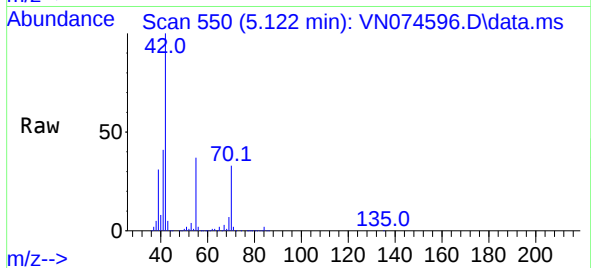
Tgt Ion: 43 Resp: 213323
Ion Ratio Lower Upper
43 100
74 0.1 21.6 32.4#



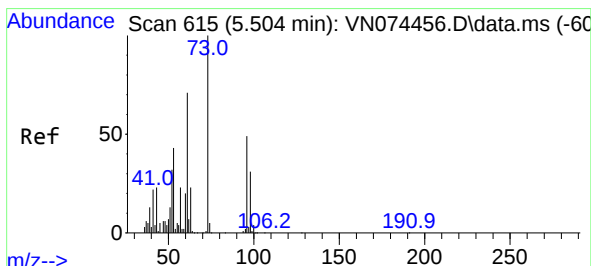
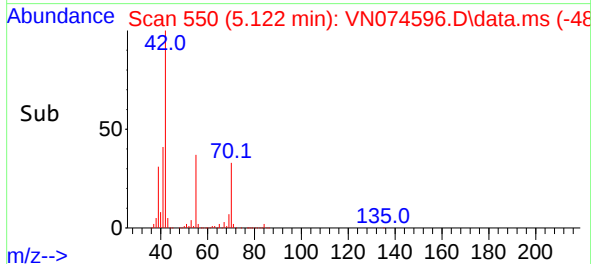
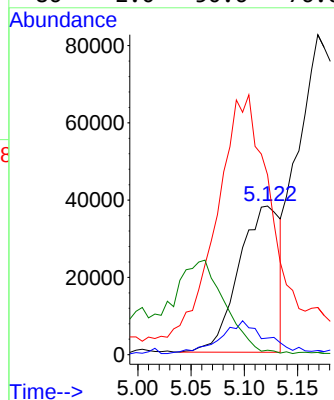


#20
Methylene Chloride
Concen: 19.063 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.112 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Instrument :
MSVOA_N
ClientSampleId :

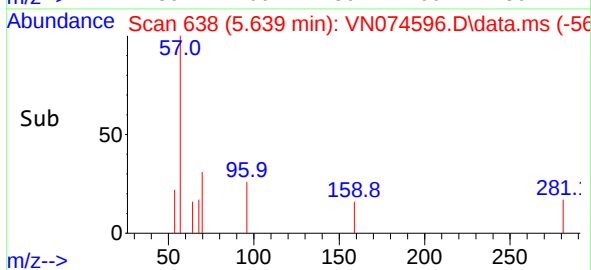
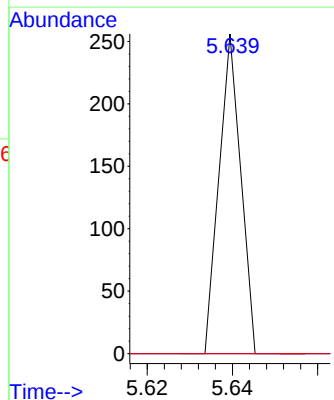
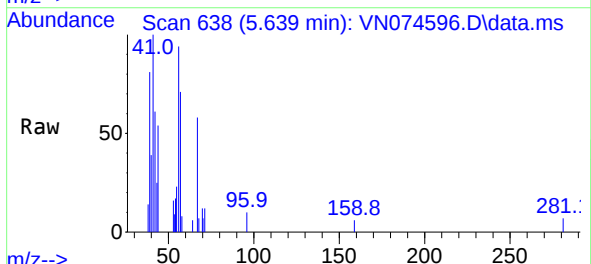


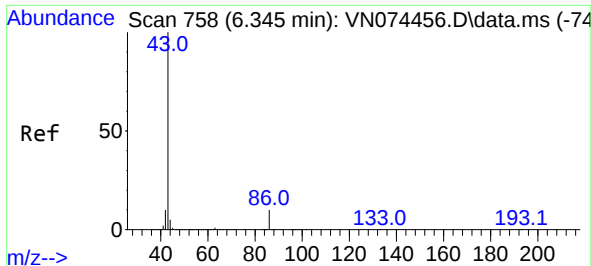
Tgt Ion: 84 Resp: 101716
Ion Ratio Lower Upper
84 100
49 9.3 88.3 132.5#
51 103.1 28.2 42.2#
86 2.0 50.6 76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.448 ug/l
RT: 5.639 min Scan# 638
Delta R.T. 0.135 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 96 Resp: 90
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

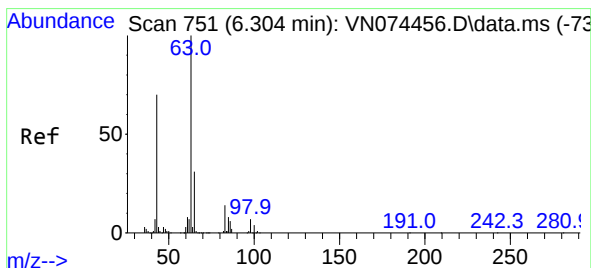
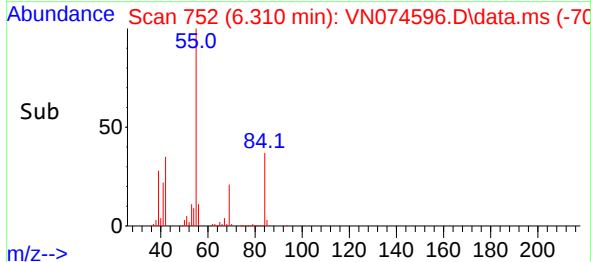
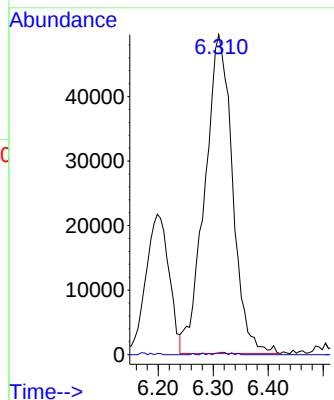
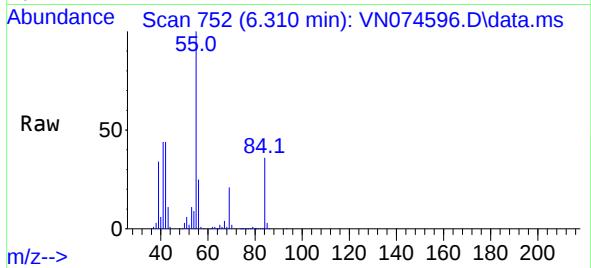




#23
 Vinyl Acetate
 Concen: 9.640 ug/l
 RT: 6.310 min Scan# 71
 Delta R.T. -0.035 min
 Lab File: VN074596.D
 Acq: 19 Sep 2022 19:19

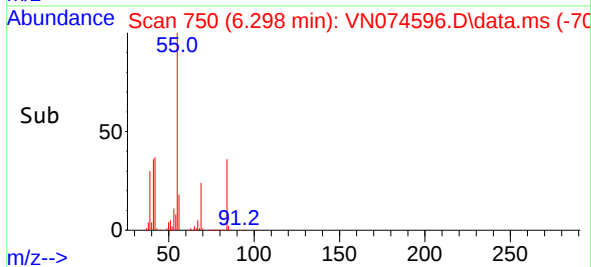
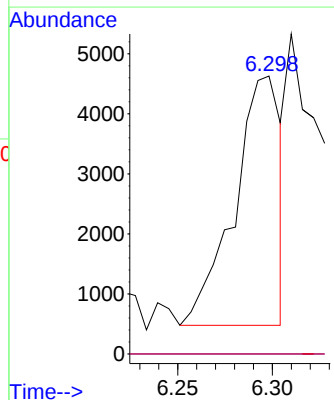
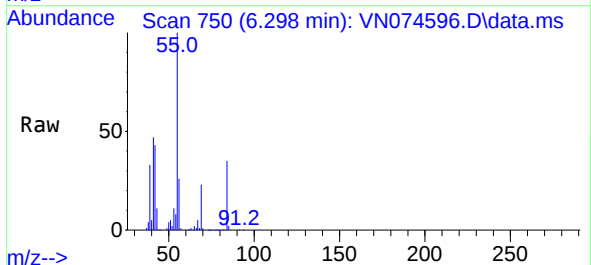
Instrument :
 MSVOA_N
 ClientSampleId :

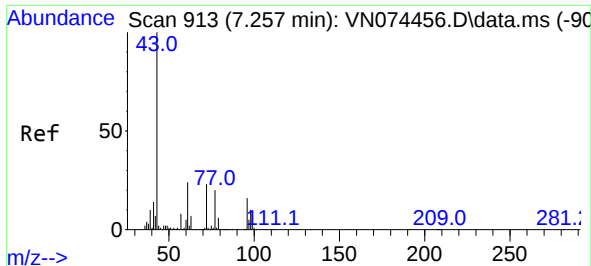
Tgt Ion: 43 Resp: 173008
 Ion Ratio Lower Upper
 43 100
 86 0.6 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.697 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074596.D
 Acq: 19 Sep 2022 19:19

Tgt Ion: 63 Resp: 7091
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

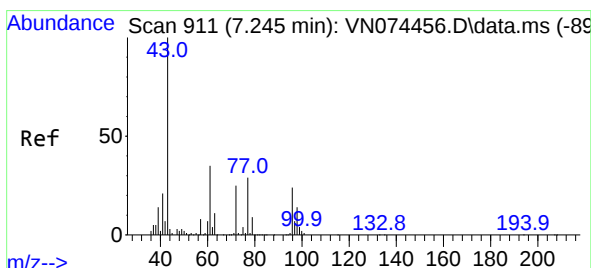
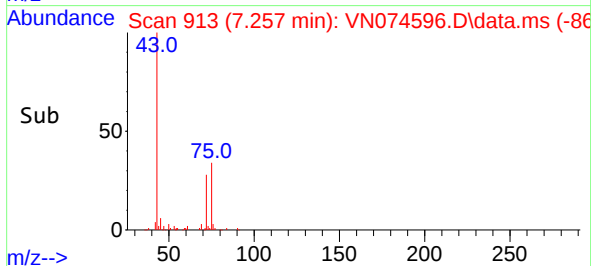
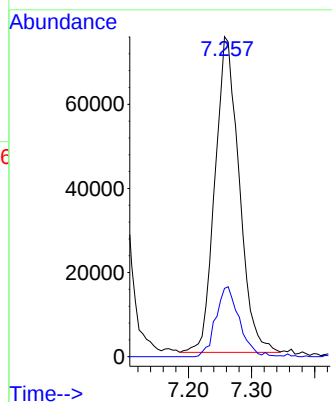
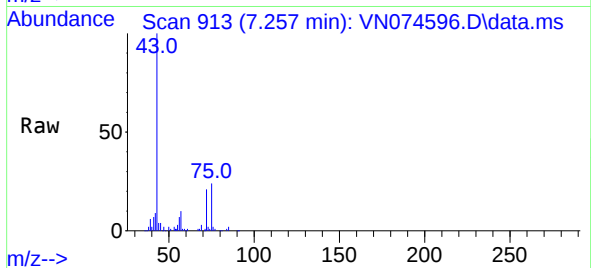




#25
2-Butanone
Concen: 34.483 ug/l
RT: 7.257 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

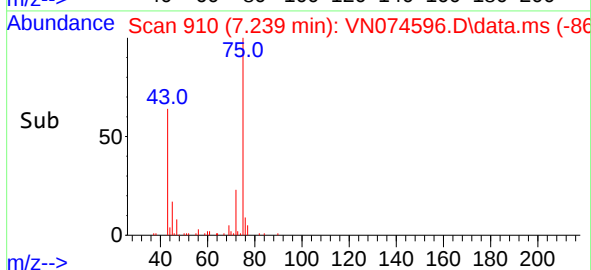
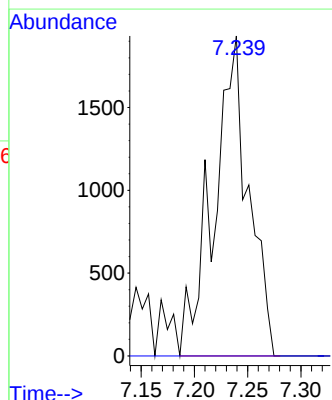
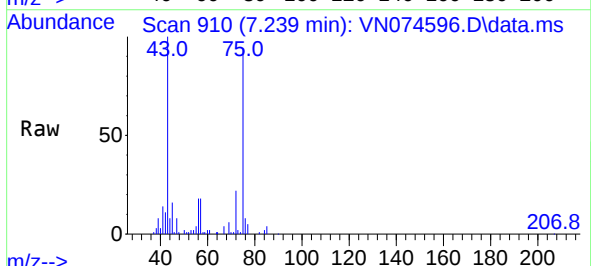
Instrument :
MSVOA_N
ClientSampleId :

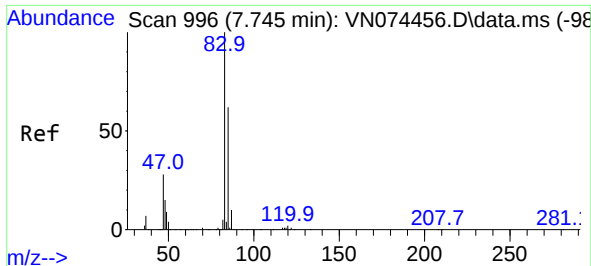
Tgt Ion: 43 Resp: 200292
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.500 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 77 Resp: 4387
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

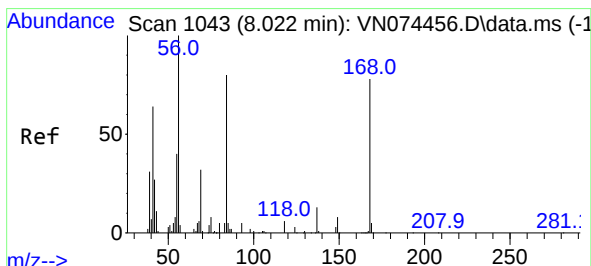
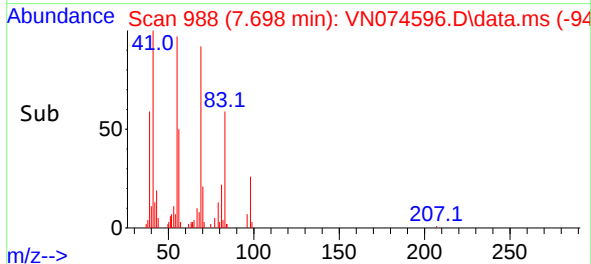
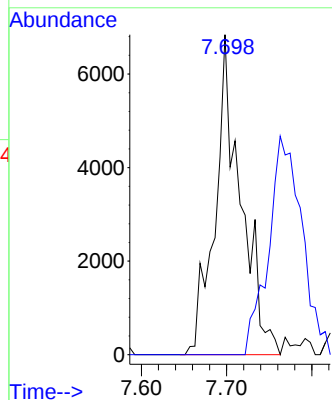
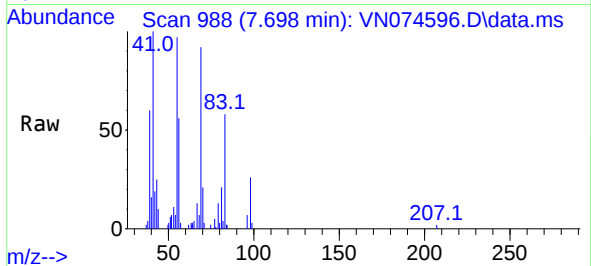




#30
Chloroform
Concen: 1.538 ug/l
RT: 7.698 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

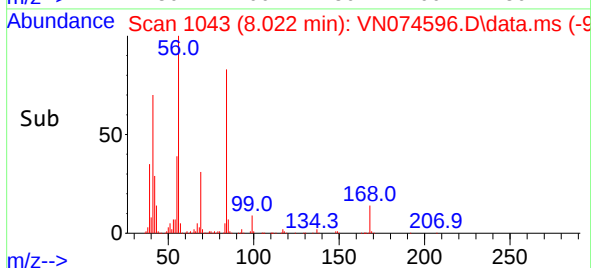
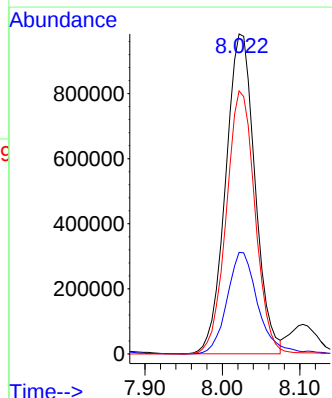
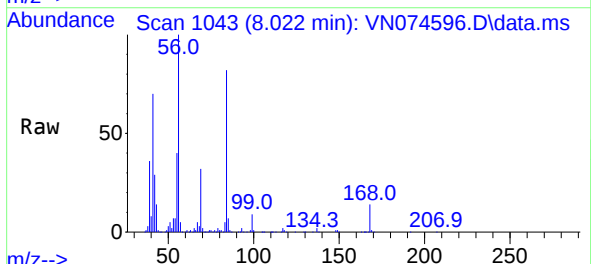
Instrument :
MSVOA_N
ClientSampleId :

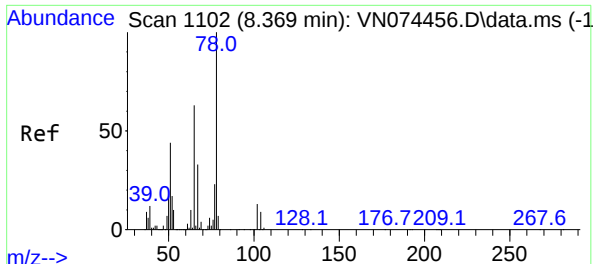
Tgt Ion: 83 Resp: 14437
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 267.423 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 56 Resp: 2595081
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 82.2 76.9 115.3

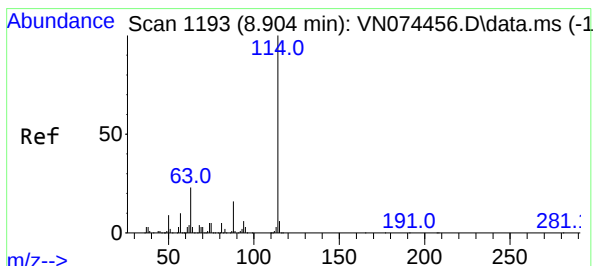
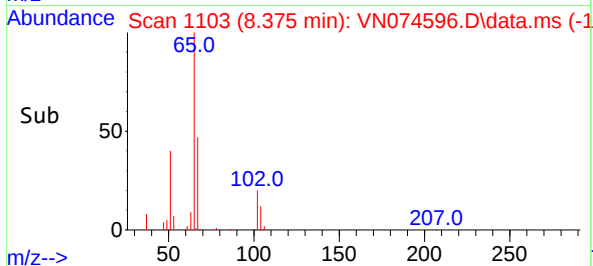
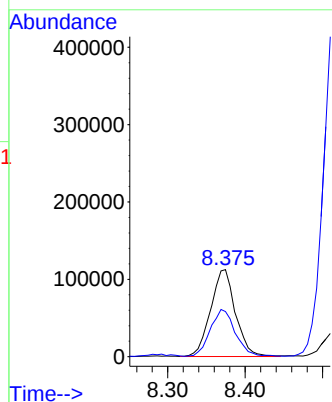
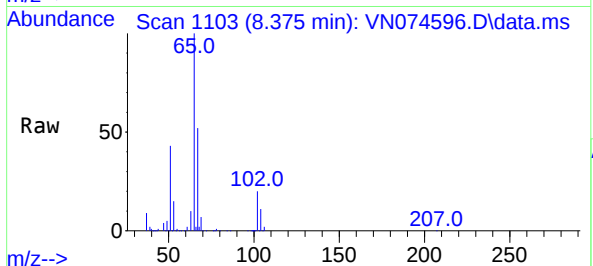




#33
1,2-Dichloroethane-d4
Concen: 45.706 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

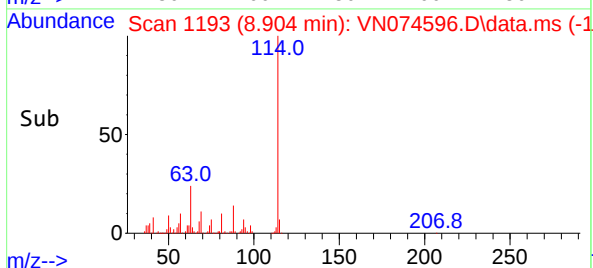
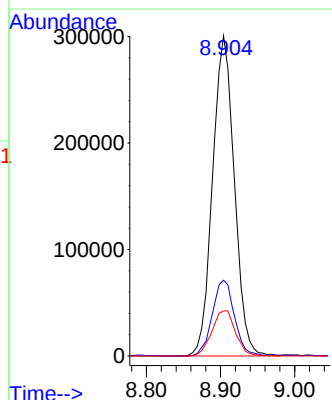
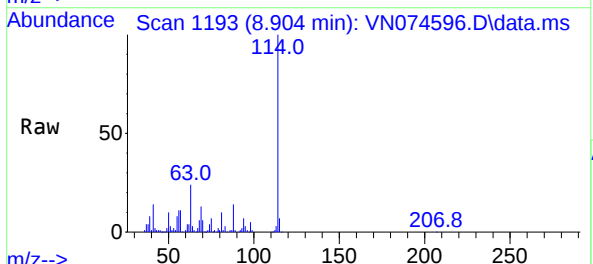
Instrument :
MSVOA_N
ClientSampleId :

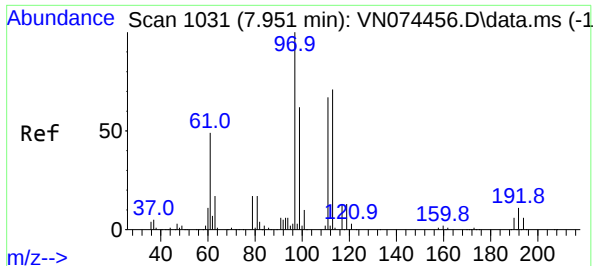
Tgt Ion: 65 Resp: 249881
Ion Ratio Lower Upper
65 100
67 54.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

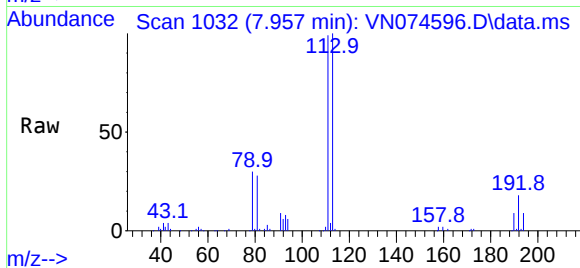
Tgt Ion: 114 Resp: 613544
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.0
88 14.0 0.0 32.6



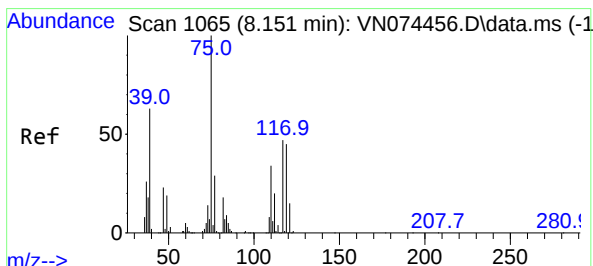
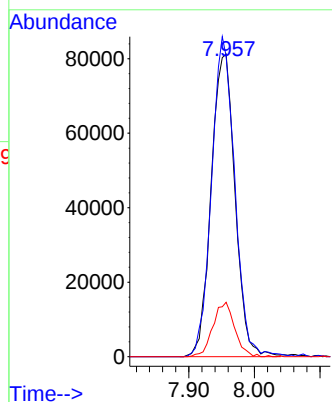
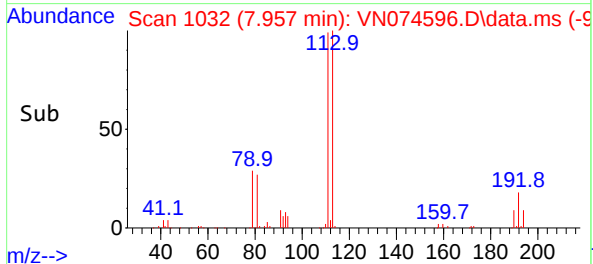


#35
Dibromofluoromethane
Concen: 50.316 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

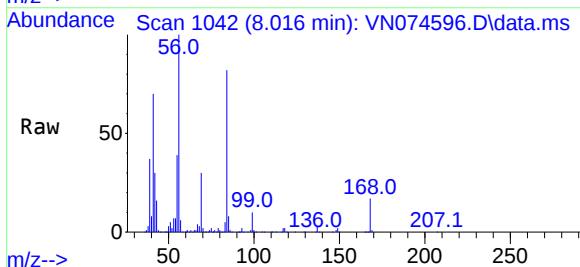
Instrument :
MSVOA_N
ClientSampleId :



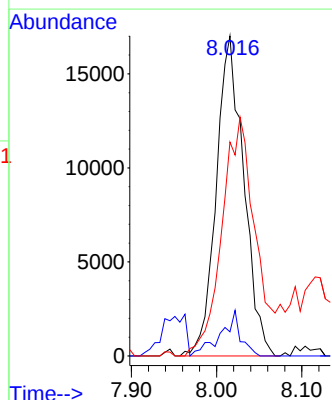
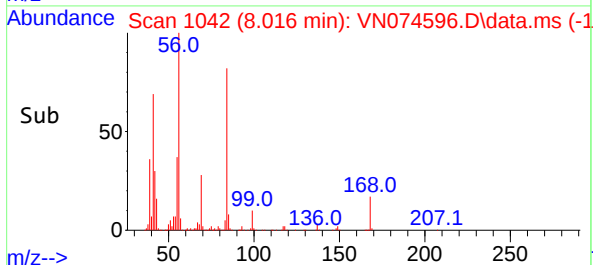
Tgt Ion:113 Resp: 205072
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 16.4 17.0 25.6#

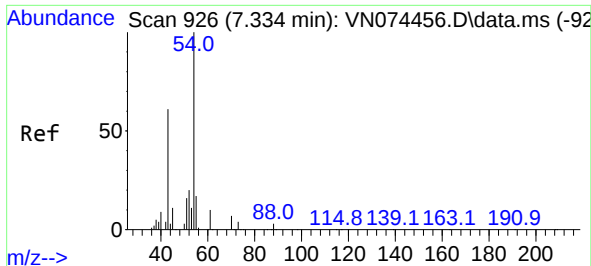


#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19



Tgt Ion: 75 Resp: 38228
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 89.8 25.1 37.7#





#37

Ethyl Acetate

Concen: 17.978 ug/l

RT: 7.257 min Scan# 91

Delta R.T. -0.077 min

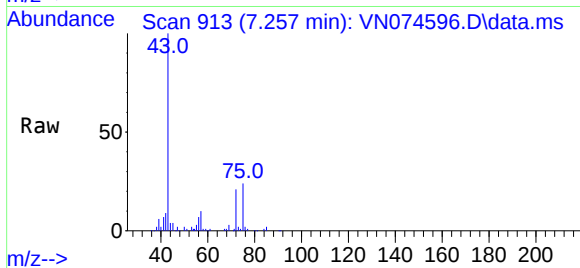
Lab File: VN074596.D

Acq: 19 Sep 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :



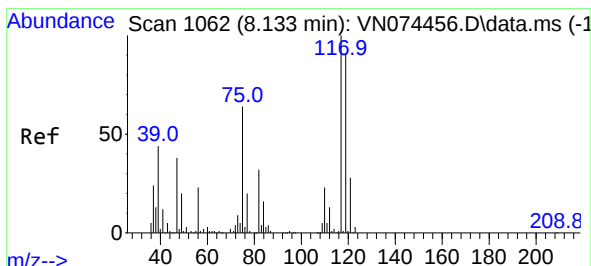
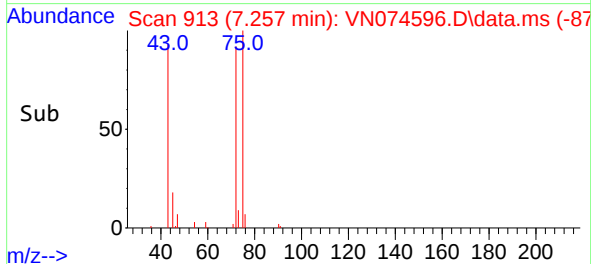
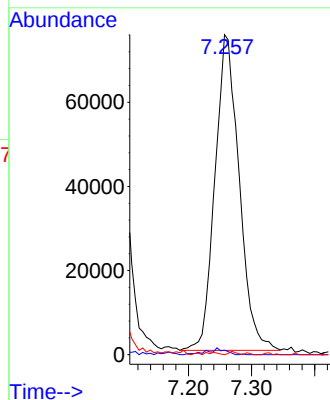
Tgt Ion: 43 Resp: 200292

Ion Ratio Lower Upper

43 100

61 1.5 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.111 min

Lab File: VN074596.D

Acq: 19 Sep 2022 19:19

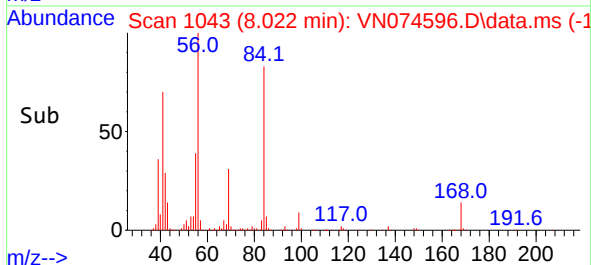
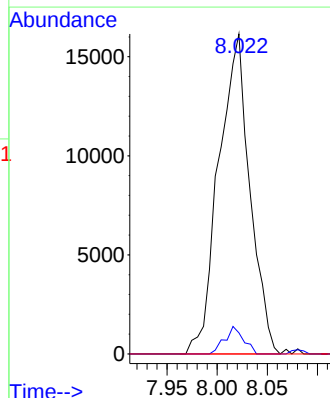
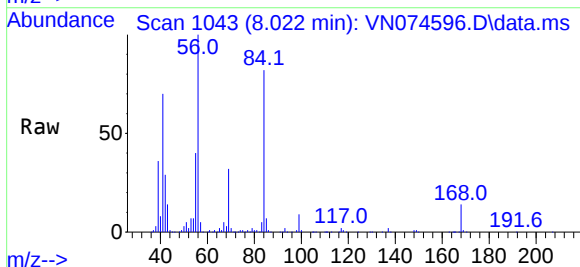
Tgt Ion: 117 Resp: 34926

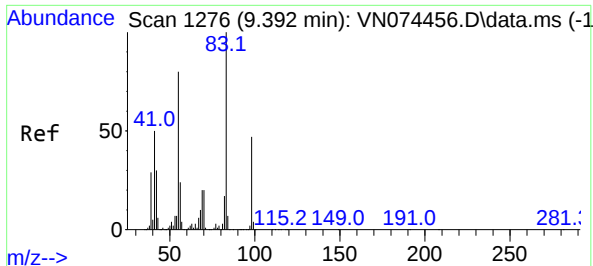
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.8#

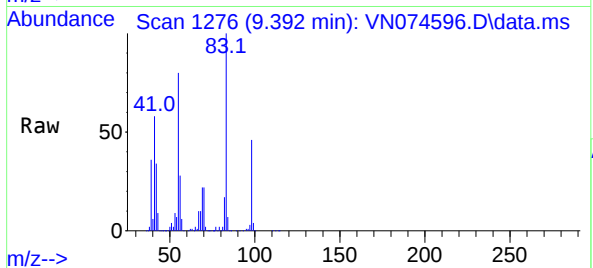
121 0.0 24.6 37.0#





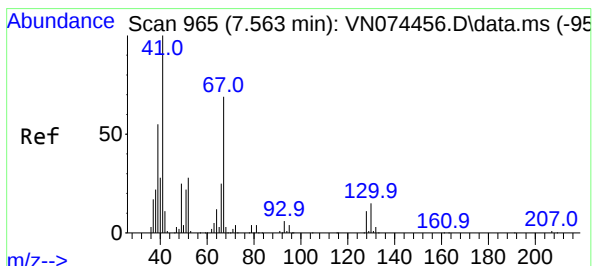
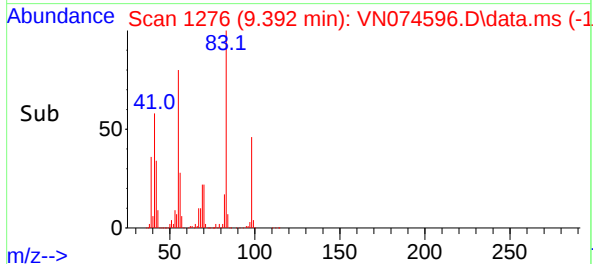
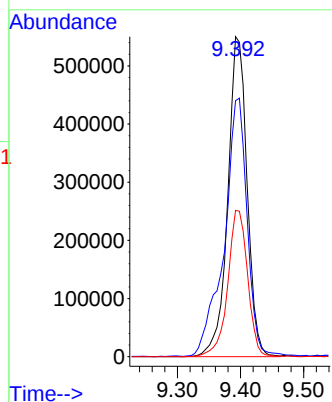
#39
Methylcyclohexane
Concen: 136.319 ug/l
RT: 9.392 min Scan# 1169374
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 83 Resp: 1169374

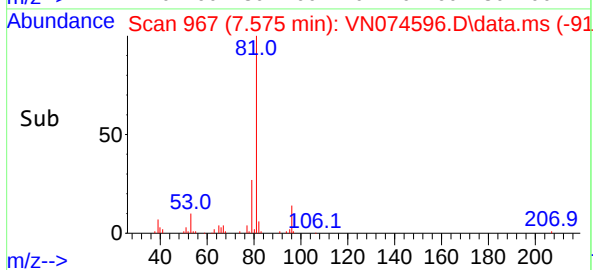
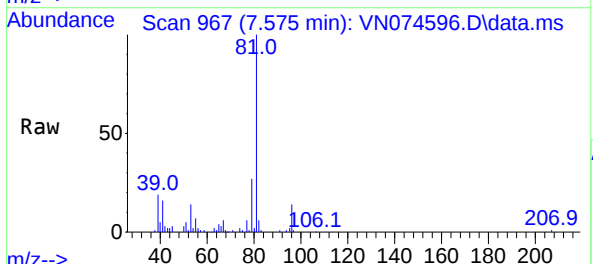
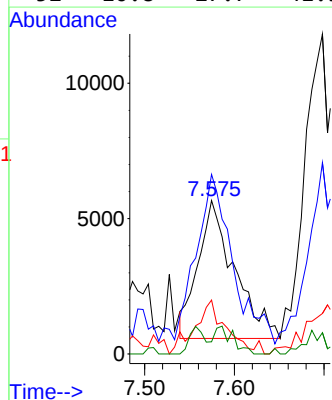
Ion	Ratio	Lower	Upper
83	100		
55	79.8	57.8	86.8
98	45.7	39.4	59.2

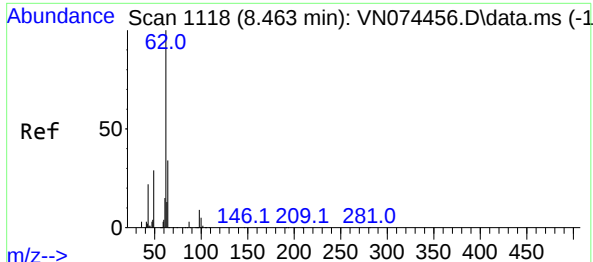


#41
Methacrylonitrile
Concen: 2.670 ug/l
RT: 7.575 min Scan# 967
Delta R.T. 0.012 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 41 Resp: 14379

Ion	Ratio	Lower	Upper
41	100		
39	122.9	48.6	73.0#
67	32.9	73.4	110.2#
52	10.8	27.7	41.5#

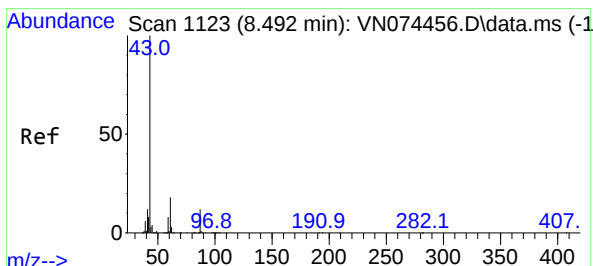
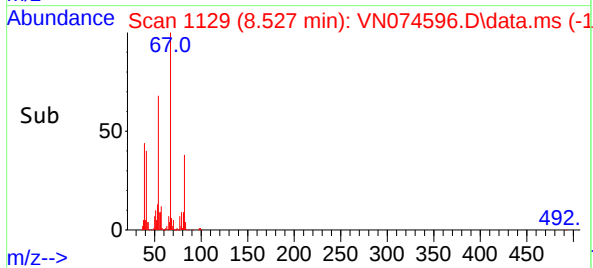
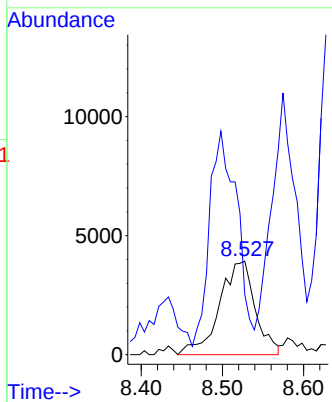
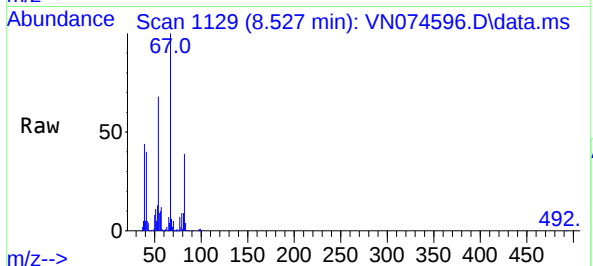




#42
1,2-Dichloroethane
Concen: 1.572 ug/l
RT: 8.527 min Scan# 1118
Delta R.T. 0.064 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

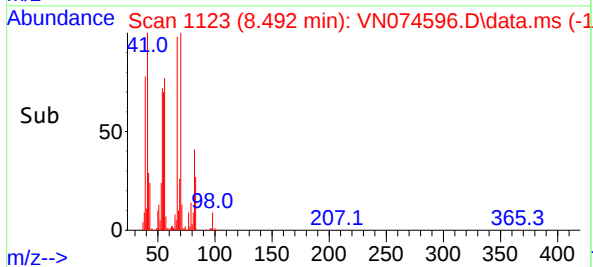
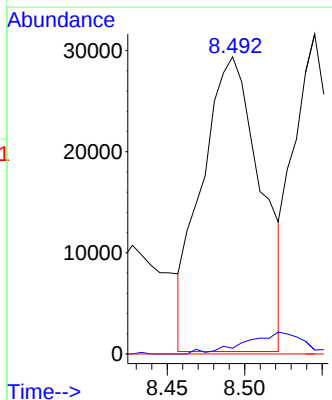
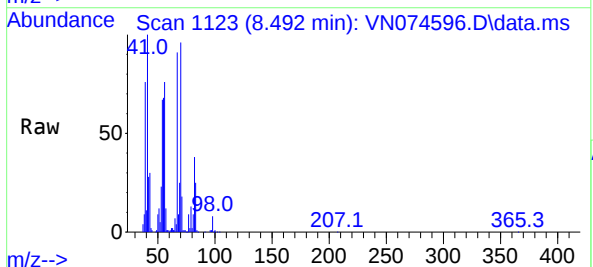
Instrument :
MSVOA_N
ClientSampleId :

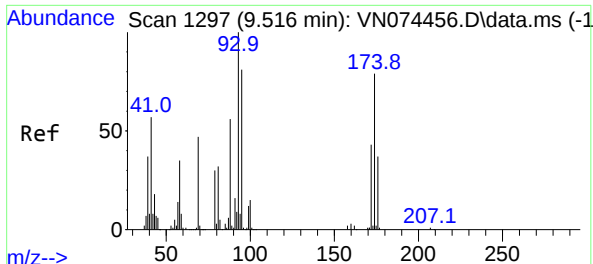
Tgt Ion: 62 Resp: 12034
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 4.387 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 43 Resp: 76555
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#46

Dibromomethane

Concen: 0.303 ug/l

RT: 9.474 min Scan# 1162

Delta R.T. -0.042 min

Lab File: VN074596.D

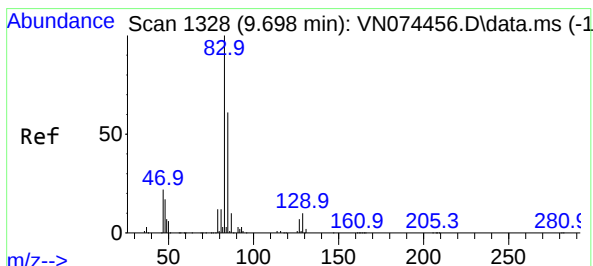
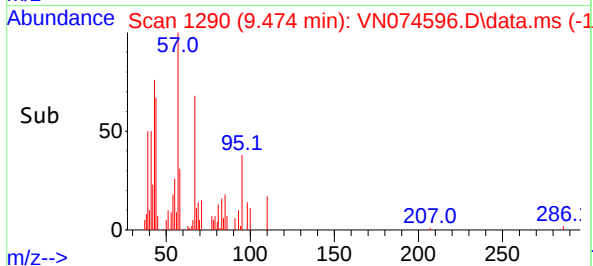
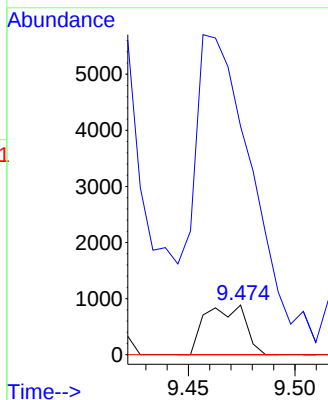
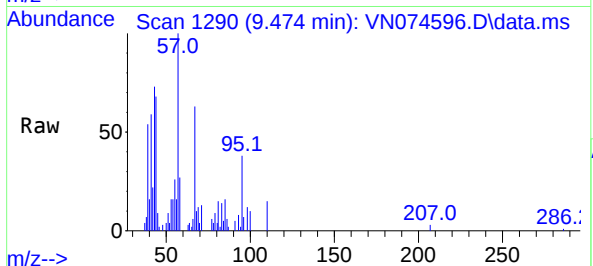
Acq: 19 Sep 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	93	Resp:	1162
Ion	Ratio	Lower	Upper
93	100		
95	864.7	66.9	100.3#
174	0.0	86.6	130.0#



#47

Bromodichloromethane

Concen: 2.213 ug/l

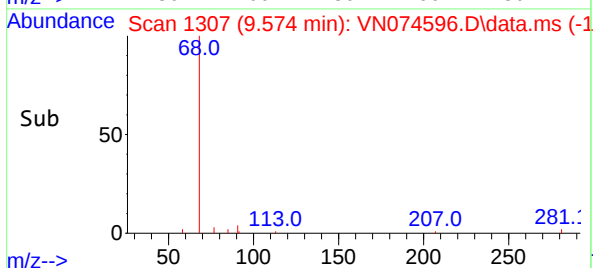
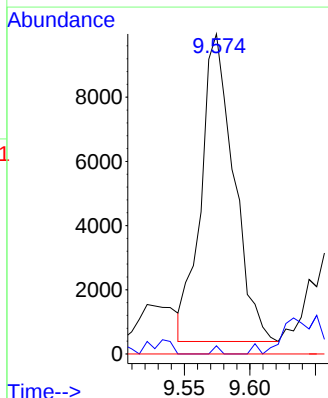
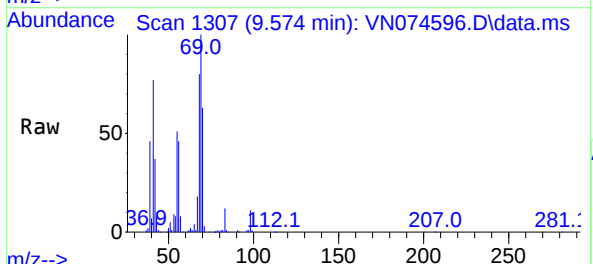
RT: 9.574 min Scan# 1307

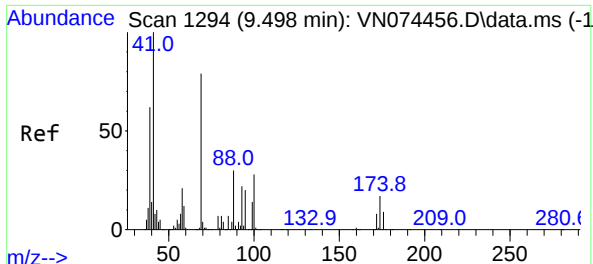
Delta R.T. -0.124 min

Lab File: VN074596.D

Acq: 19 Sep 2022 19:19

Tgt Ion:	83	Resp:	16658
Ion	Ratio	Lower	Upper
83	100		
85	2.7	50.5	75.7#
127	0.0	6.8	10.2#

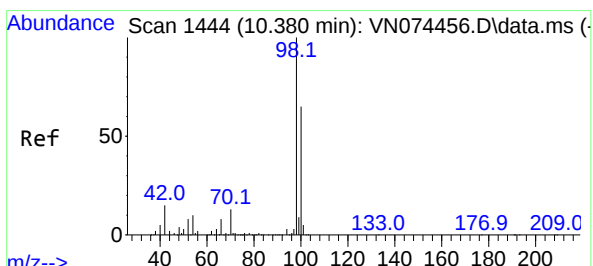
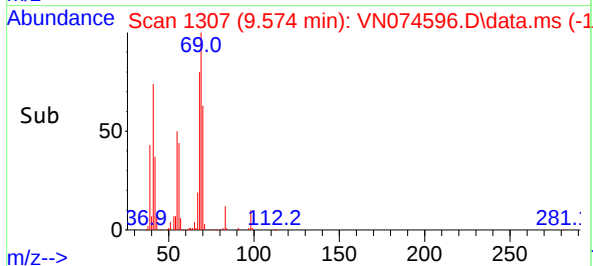
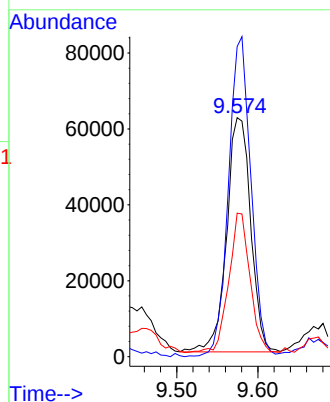
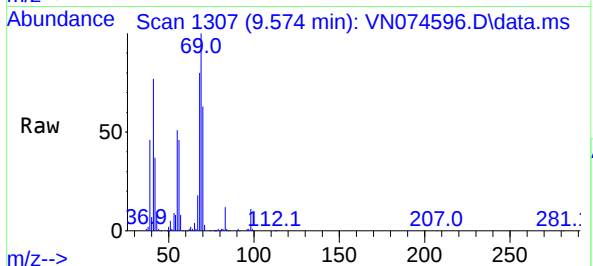




#48
Methyl methacrylate
Concen: 16.449 ug/l
RT: 9.574 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

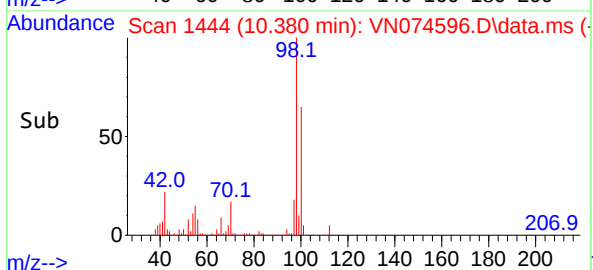
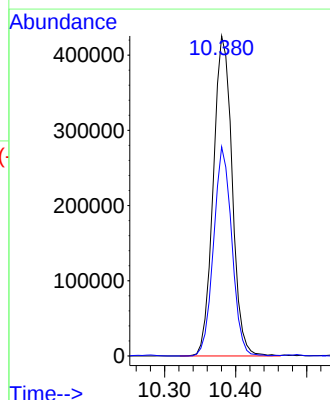
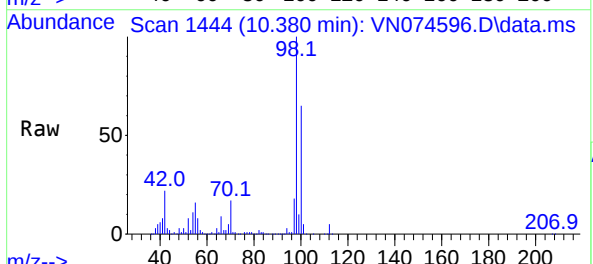
Instrument :
MSVOA_N
ClientSampleId :

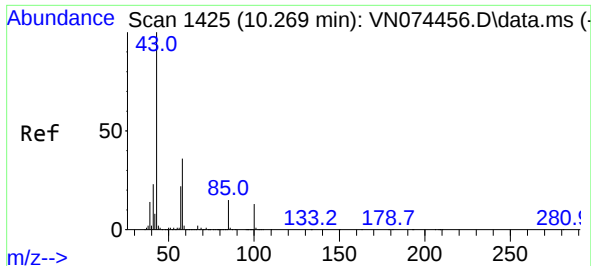
Tgt Ion: 41 Resp: 127281
Ion Ratio Lower Upper
41 100
69 126.9 74.7 112.1#
39 51.9 45.6 68.4



#50
Toluene-d8
Concen: 49.712 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 98 Resp: 783558
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.647 ug/l

RT: 10.274 min Scan# 1426

Delta R.T. 0.005 min

Lab File: VN074596.D

Acq: 19 Sep 2022 19:19

Instrument :

MSVOA_N

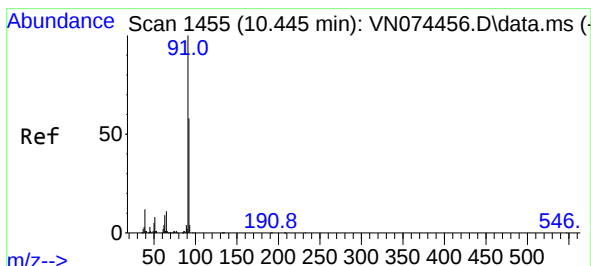
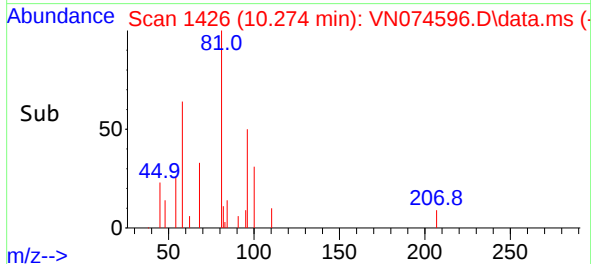
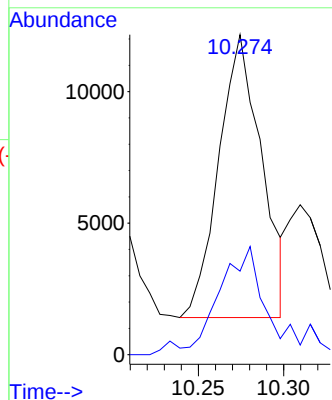
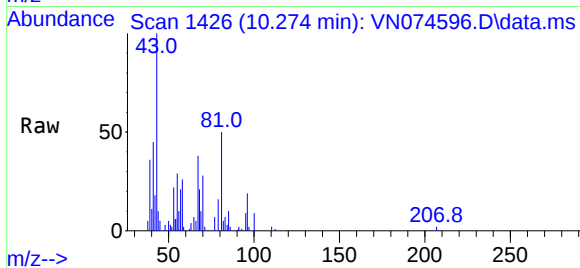
ClientSampleId :

Tgt Ion: 43 Resp: 18771

Ion Ratio Lower Upper

43 100

58 43.8 34.1 51.1



#52

Toluene

Concen: 127.449 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN074596.D

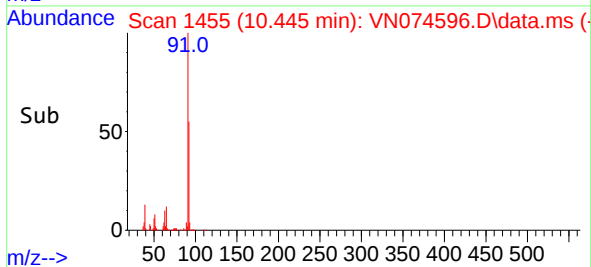
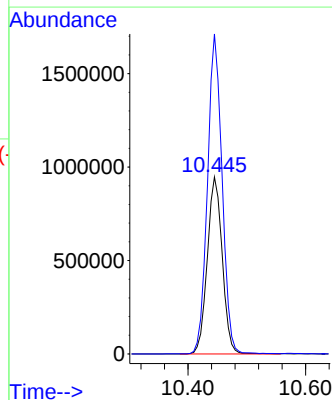
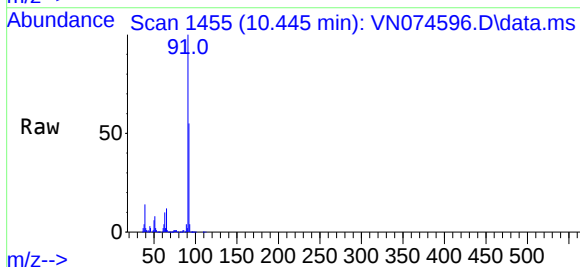
Acq: 19 Sep 2022 19:19

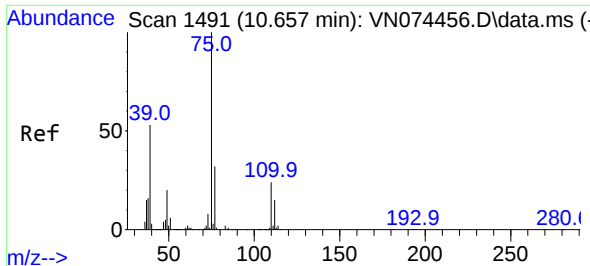
Tgt Ion: 92 Resp: 1667193

Ion Ratio Lower Upper

92 100

91 177.2 138.6 207.8

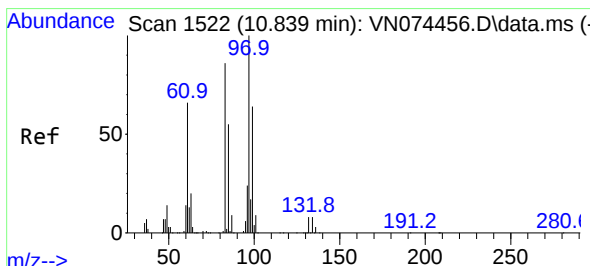
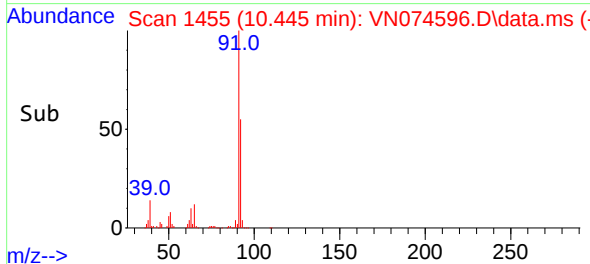
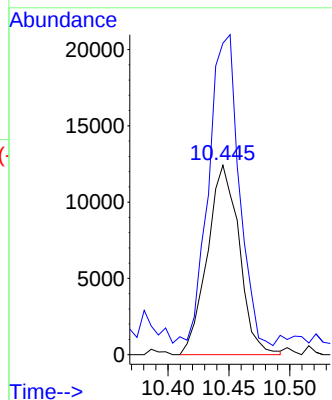
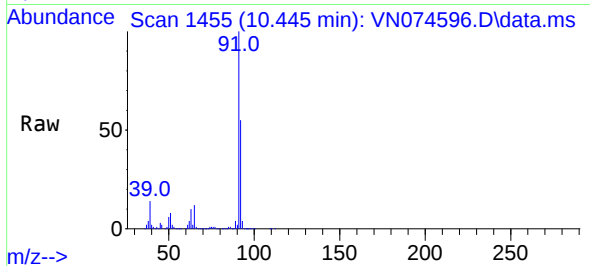




#53
t-1,3-Dichloropropene
Concen: 2.580 ug/l
RT: 10.445 min Scan# 1491
Delta R.T. -0.212 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

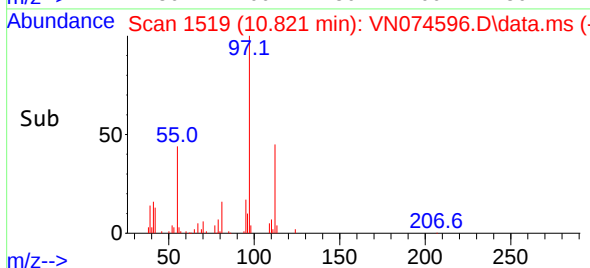
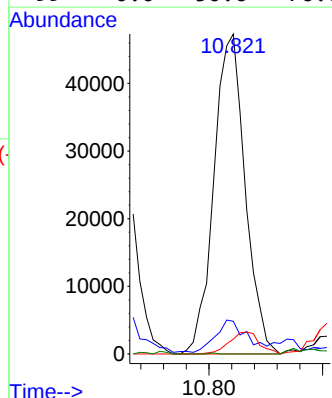
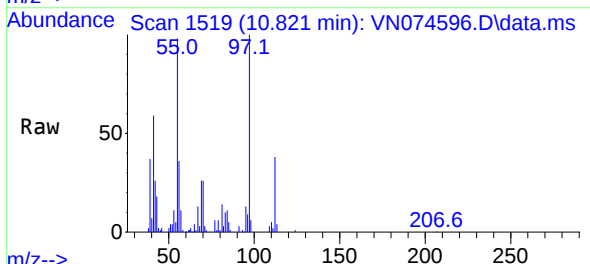
Instrument :
MSVOA_N
ClientSampleId :

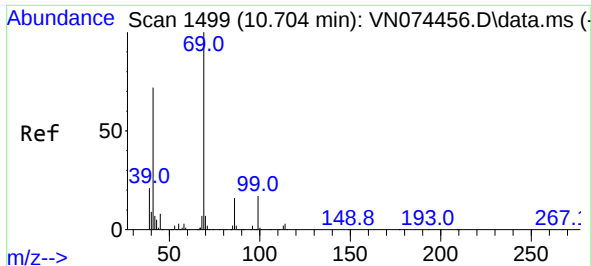
Tgt Ion: 75 Resp: 22634
Ion Ratio Lower Upper
75 100
77 154.9 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 16.298 ug/l
RT: 10.821 min Scan# 1519
Delta R.T. -0.018 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 97 Resp: 90306
Ion Ratio Lower Upper
97 100
83 9.4 66.2 99.4#
85 4.6 43.9 65.9#
99 0.0 50.6 76.0#

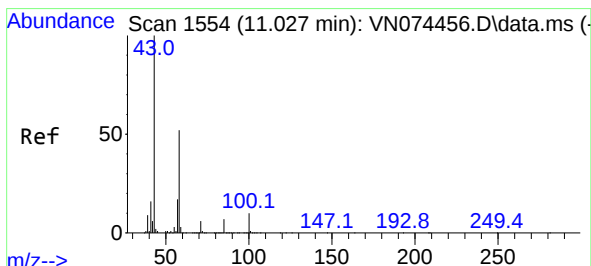
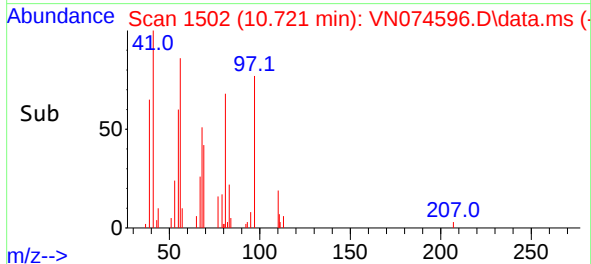
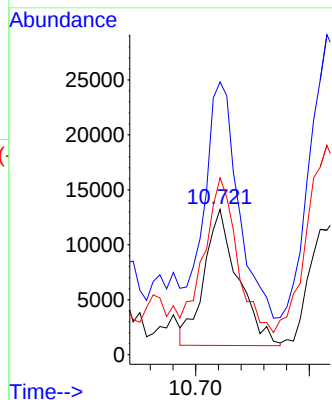
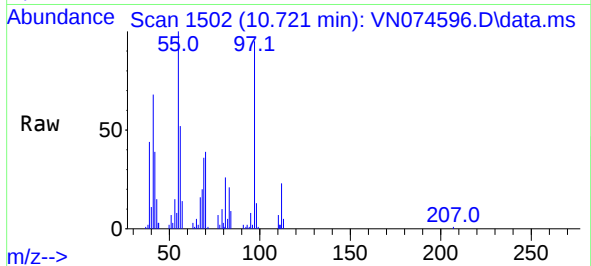




#56
Ethyl methacrylate
Concen: 2.601 ug/l
RT: 10.721 min Scan# 1502
Delta R.T. 0.017 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

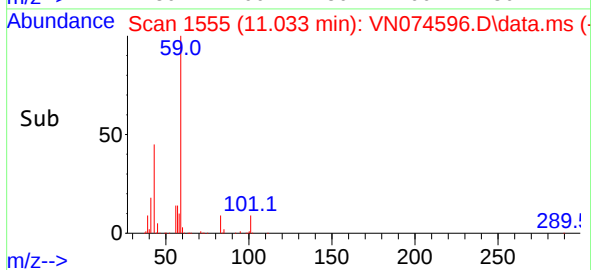
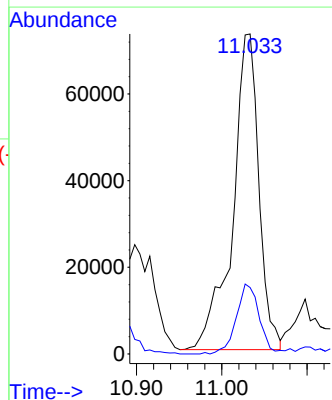
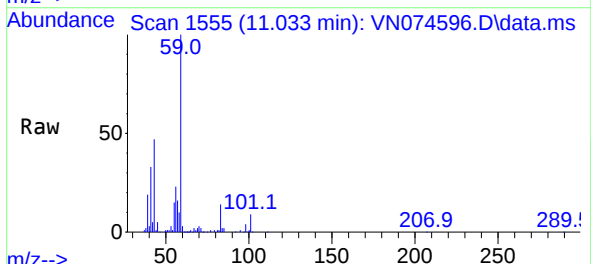
Instrument :
MSVOA_N
ClientSampleId :

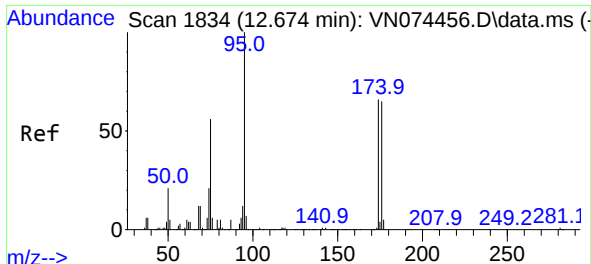
Tgt Ion: 69 Resp: 25749
Ion Ratio Lower Upper
69 100
41 170.4 47.8 71.6#
39 108.7 27.3 40.9#



#59
2-Hexanone
Concen: 17.929 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 43 Resp: 155977
Ion Ratio Lower Upper
43 100
58 19.5 29.7 89.1#

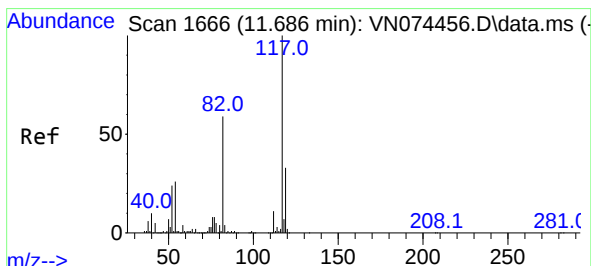
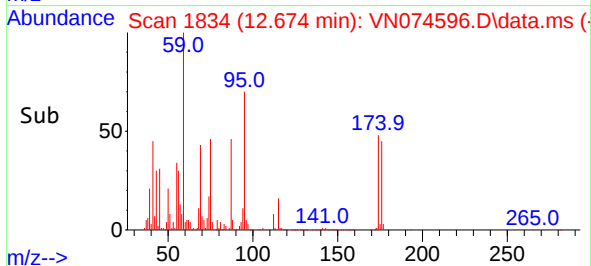
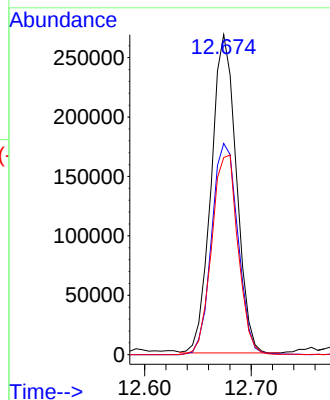
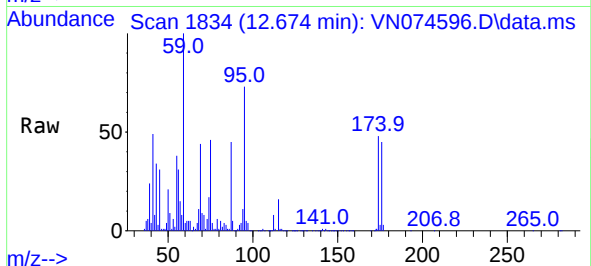




#62
4-Bromofluorobenzene
Concen: 81.416 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

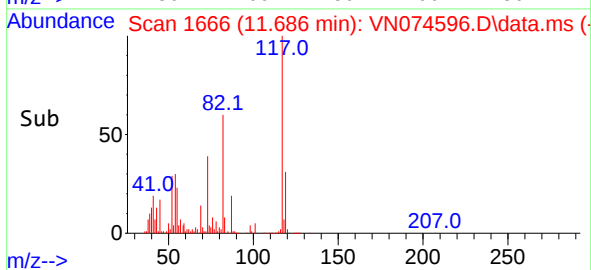
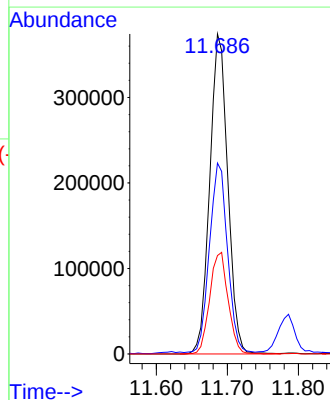
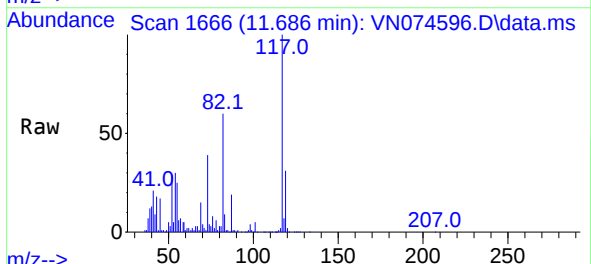
Instrument :
MSVOA_N
ClientSampleId :

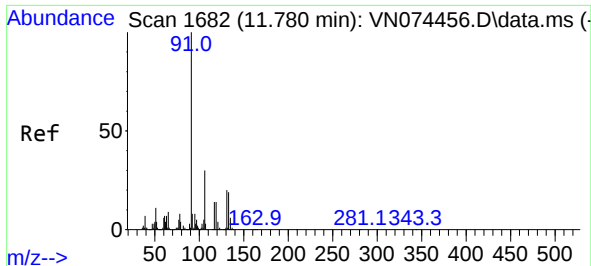
Tgt Ion: 95 Resp: 439520
Ion Ratio Lower Upper
95 100
174 69.4 0.0 167.6
176 65.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 117 Resp: 659277
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 30.8 25.4 38.0

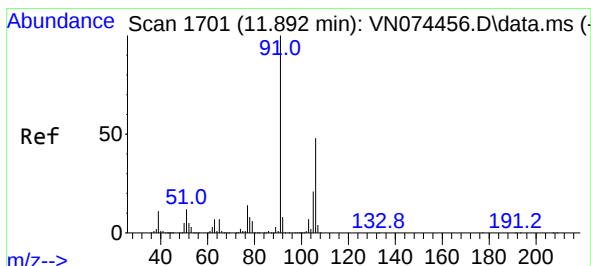
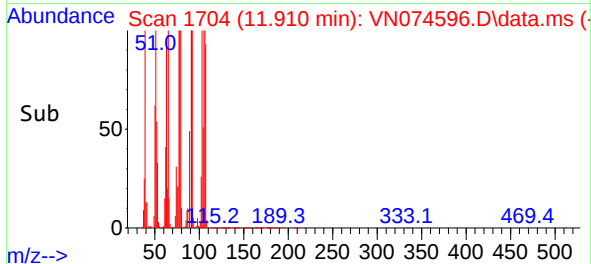
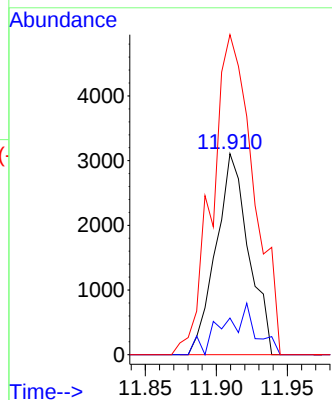
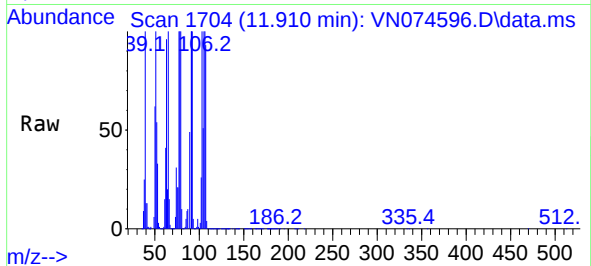




#66
1,1,1,2-Tetrachloroethane
Concen: 0.827 ug/l
RT: 11.910 min Scan# 11
Delta R.T. 0.130 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

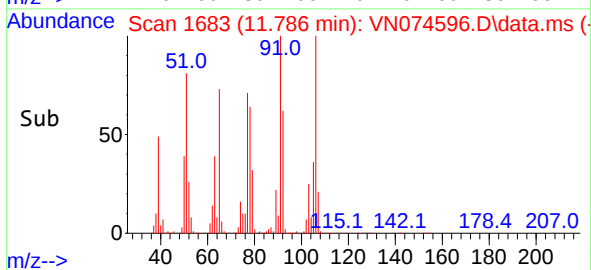
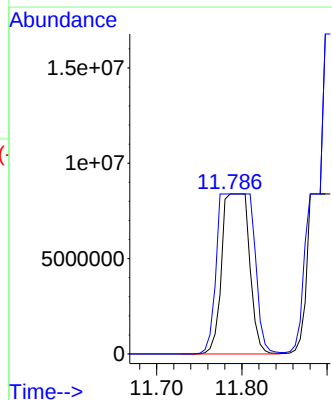
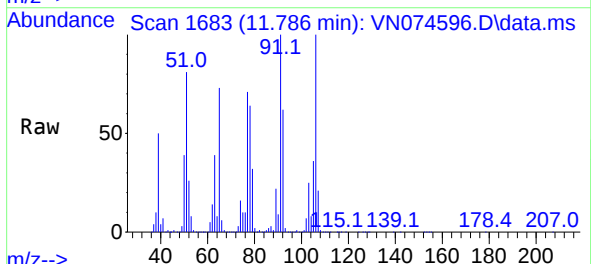
Instrument :
MSVOA_N
ClientSampleId :

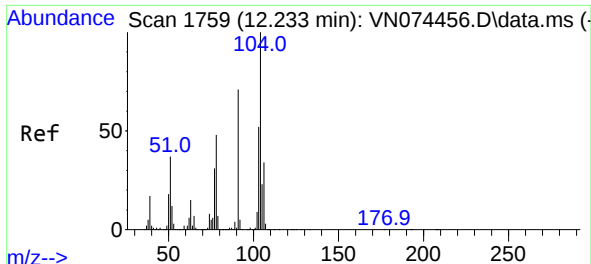
Tgt Ion:131 Resp: 4976
Ion Ratio Lower Upper
131 100
133 15.0 47.8 143.4#
119 202.4 33.4 100.2#



#68
m/p-Xylenes
Concen: 1670.697 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.106 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion:106 Resp:18770280
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#

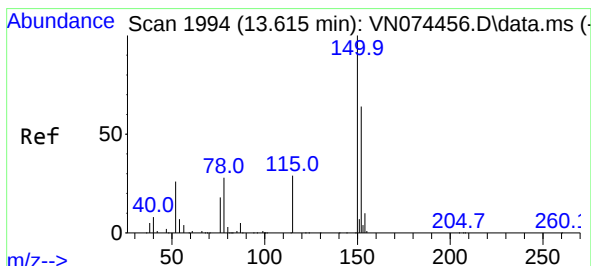
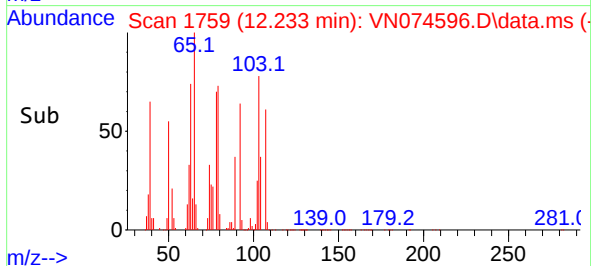
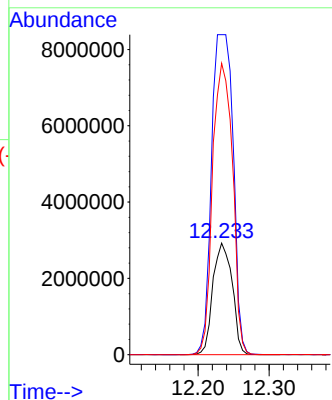
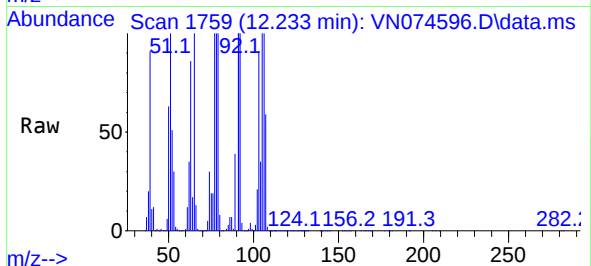




#70
Styrene
Concen: 288.929 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

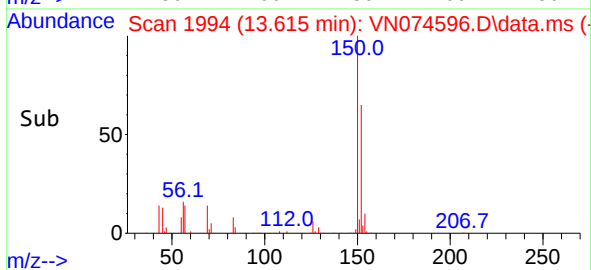
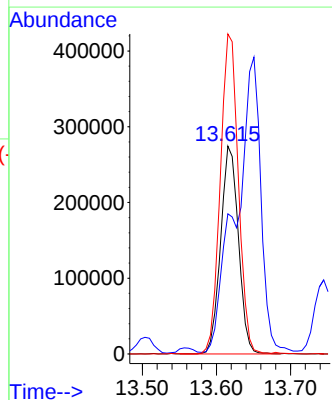
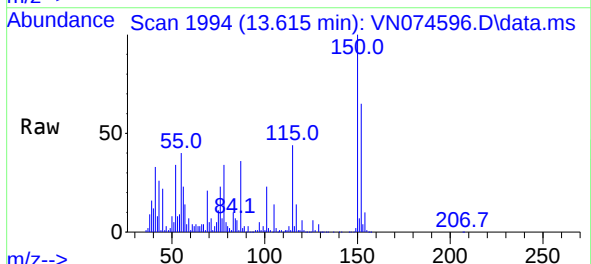
Instrument :
MSVOA_N
ClientSampleId :

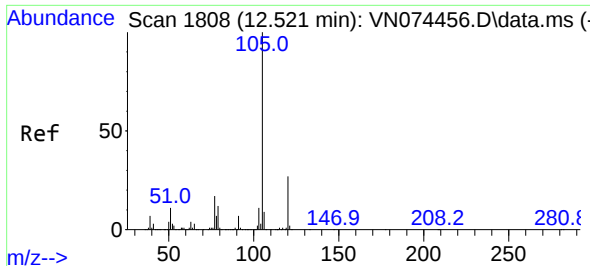
Tgt Ion:104 Resp: 5505529
Ion Ratio Lower Upper
104 100
78 321.8 39.5 59.3#
103 270.4 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion:152 Resp: 457112
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 156.3 0.0 356.2

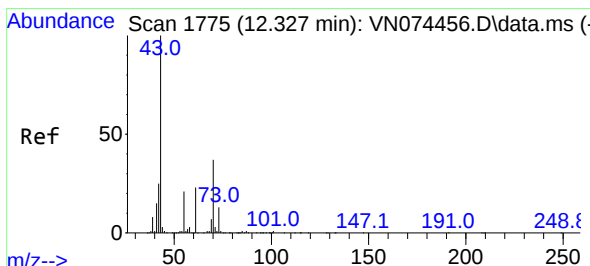
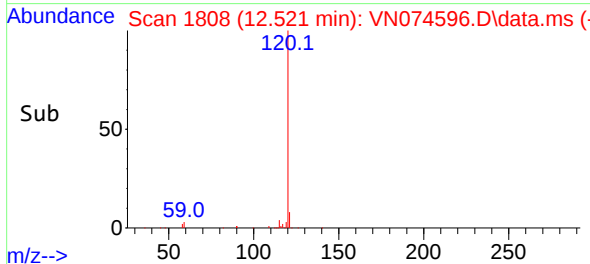
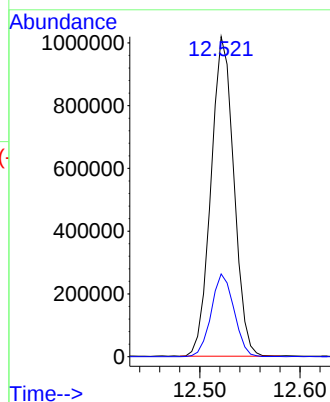
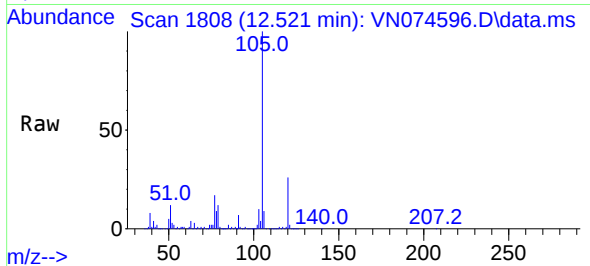




#73
Isopropylbenzene
Concen: 34.539 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

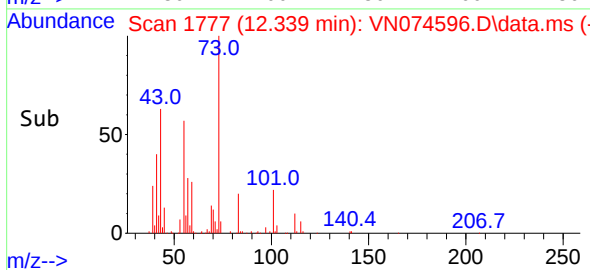
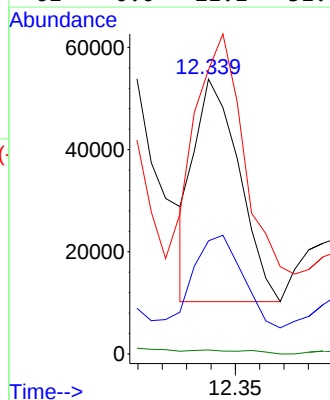
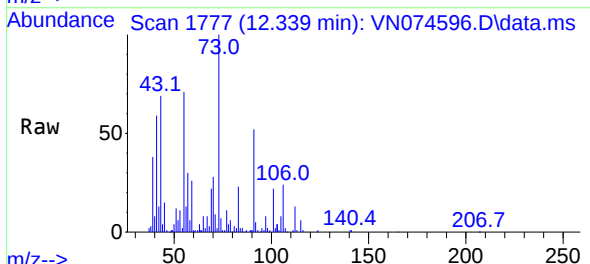
Instrument :
MSVOA_N
ClientSampleId :

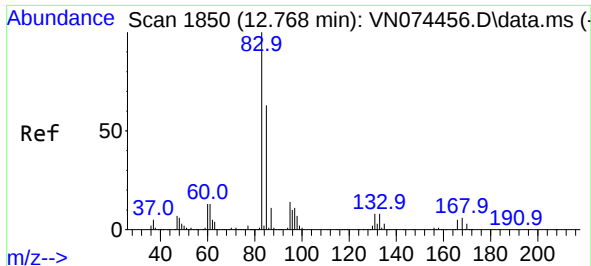
Tgt Ion:105 Resp: 1616592
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4



#74
N-ethyl acetate
Concen: 1.903 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

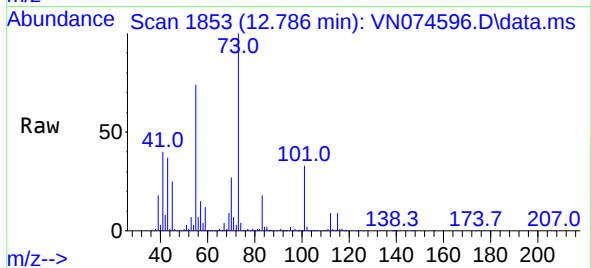
Tgt Ion: 43 Resp: 55703
Ion Ratio Lower Upper
43 100
70 66.7 39.0 58.4#
55 141.9 21.1 31.7#
61 0.0 21.1 31.7#



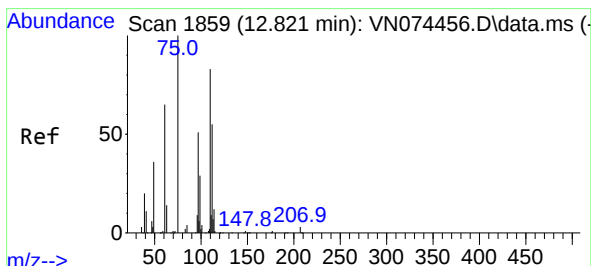
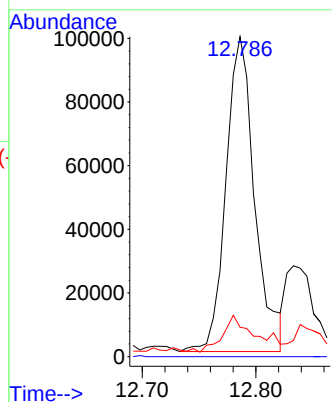
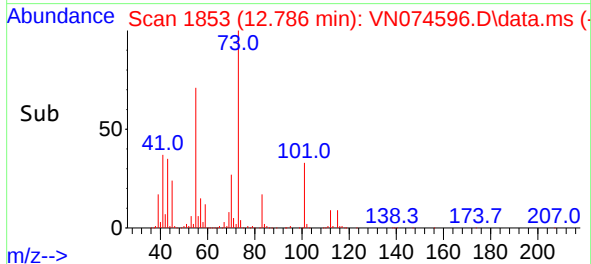


#75
1,1,2,2-Tetrachloroethane
Concen: 9.269 ug/l
RT: 12.786 min Scan# 1853
Delta R.T. 0.018 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Instrument :
MSVOA_N
ClientSampleId :

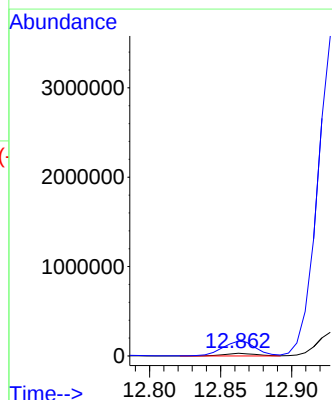
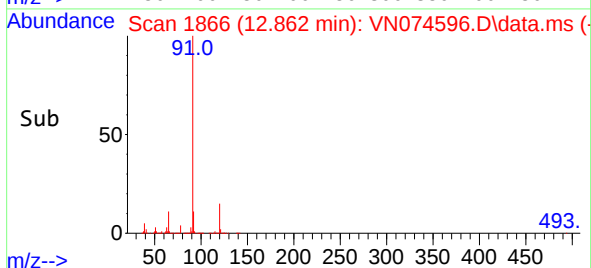
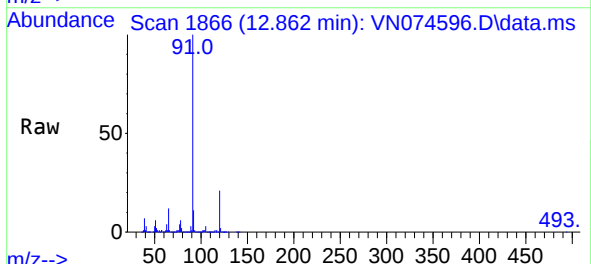


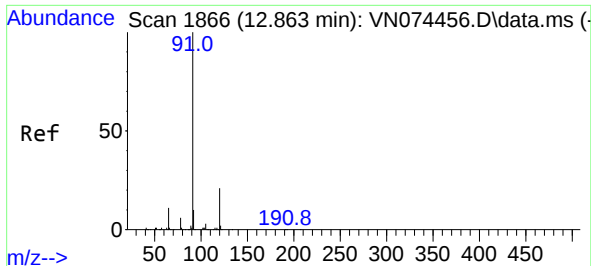
Tgt Ion: 83 Resp: 173848
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 12.6 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 3.218 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. 0.041 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 75 Resp: 45283
Ion Ratio Lower Upper
75 100
77 581.3 98.5 295.5#

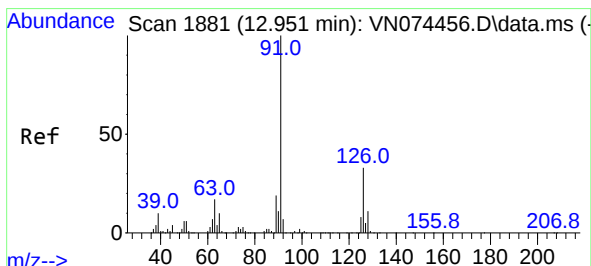
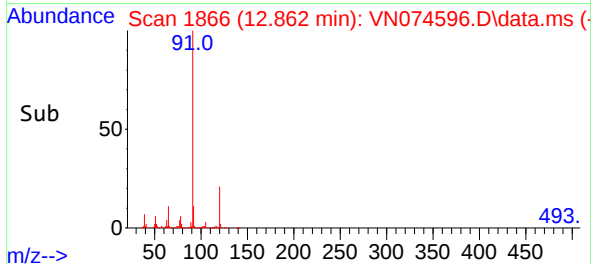
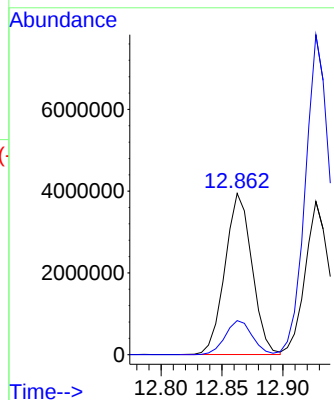
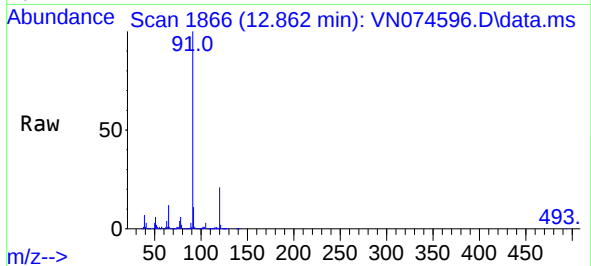




#78
n-propylbenzene
Concen: 109.151 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

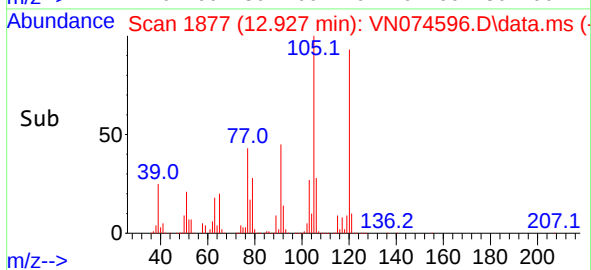
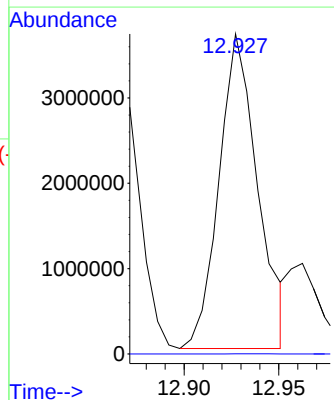
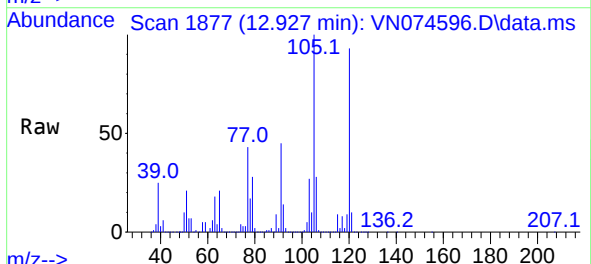
Instrument :
MSVOA_N
ClientSampleId :

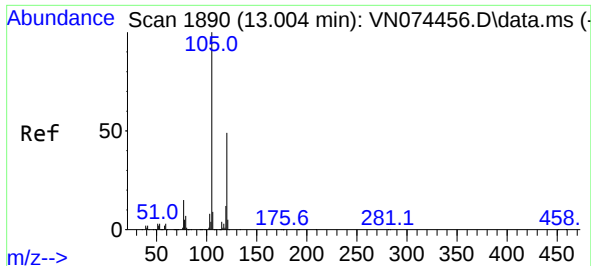
Tgt Ion: 91 Resp: 6084634
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 157.314 ug/l
RT: 12.927 min Scan# 1877
Delta R.T. -0.024 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 91 Resp: 5235090
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.9#

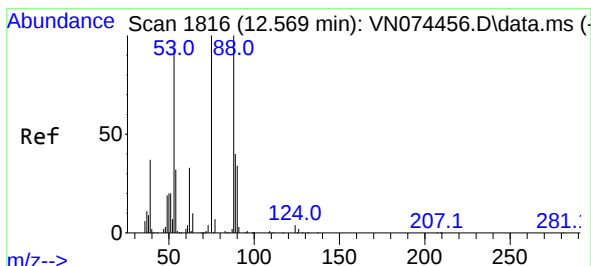
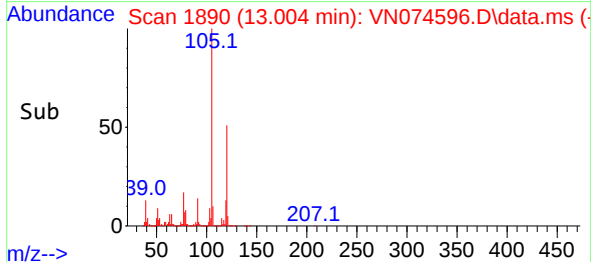
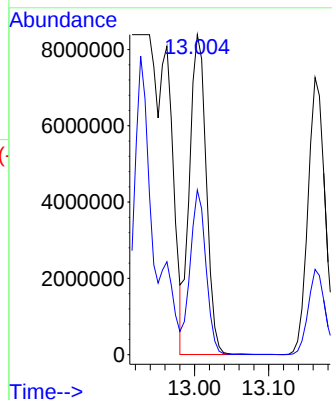
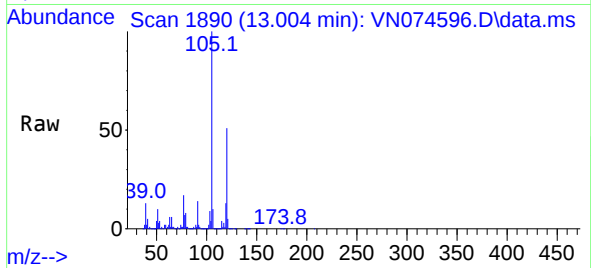




#80
1,3,5-Trimethylbenzene
Concen: 344.886 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

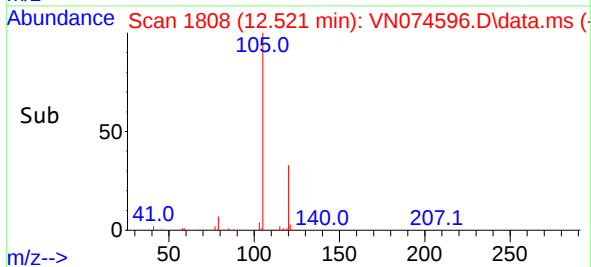
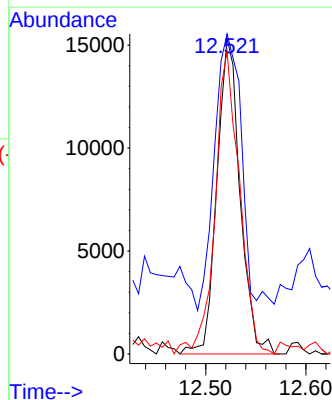
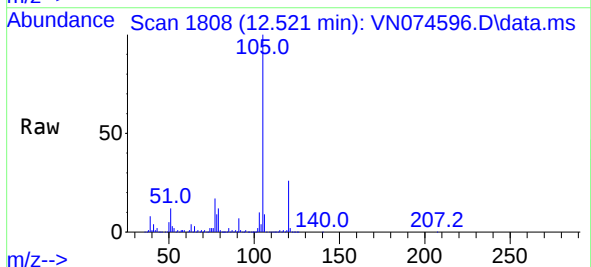
Instrument :
MSVOA_N
ClientSampleId :

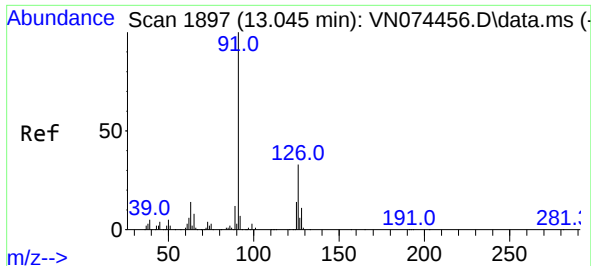
Tgt Ion:105 Resp:13158882
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 3.766 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.048 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 75 Resp: 24554
Ion Ratio Lower Upper
75 100
53 99.6 78.0 117.0
89 101.3 37.2 55.8#

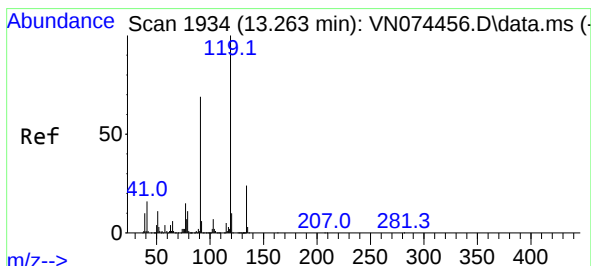
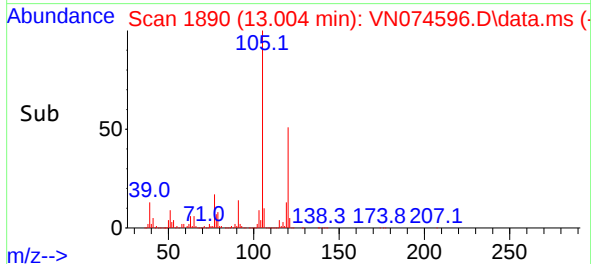
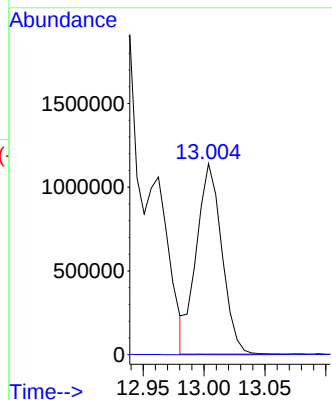
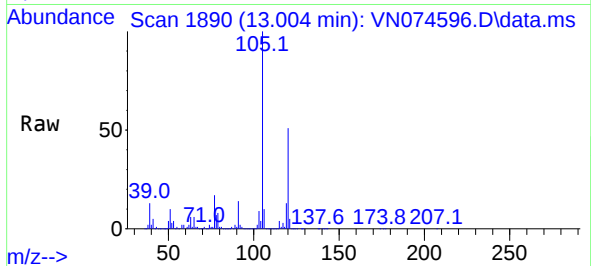




#82
4-Chlorotoluene
Concen: 52.030 ug/l
RT: 13.004 min Scan# 1897
Delta R.T. -0.041 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

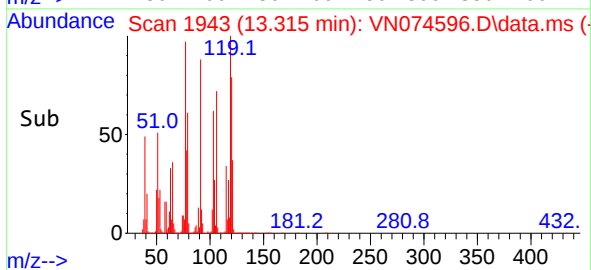
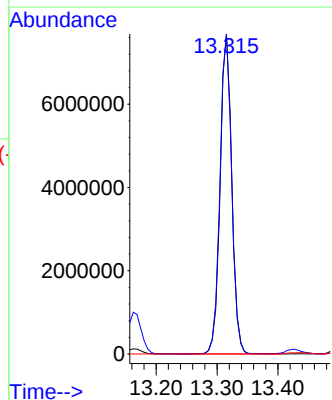
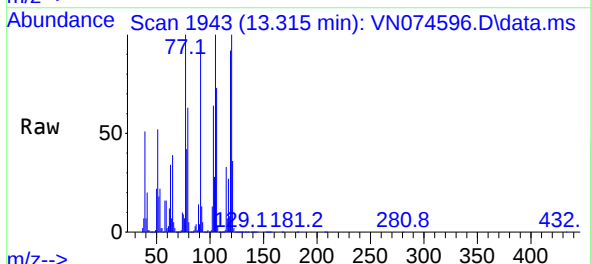
Instrument :
MSVOA_N
ClientSampleId :

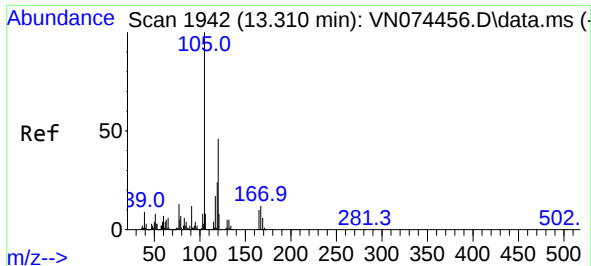
Tgt Ion: 91 Resp: 1645748
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 292.387 ug/l
RT: 13.315 min Scan# 1943
Delta R.T. 0.052 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 119 Resp: 10152868
Ion Ratio Lower Upper
119 100
91 100.5 31.6 94.8#
134 0.0 13.7 41.1#

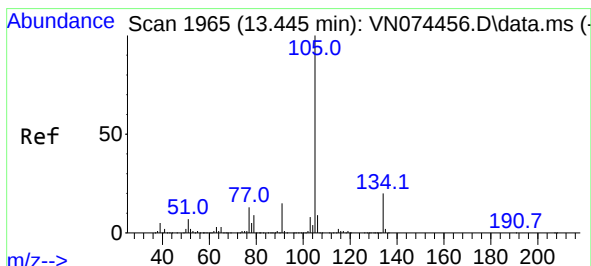
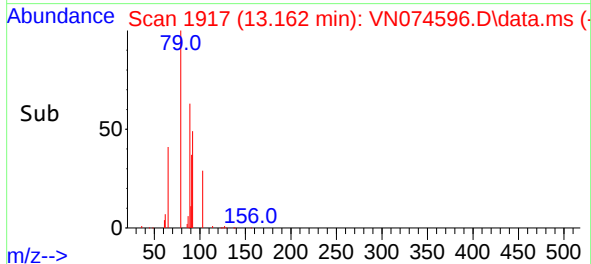
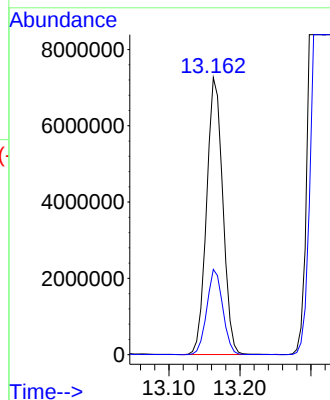
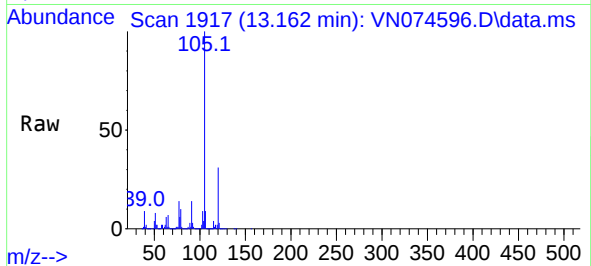




#84
1,2,4-Trimethylbenzene
Concen: 299.720 ug/l
RT: 13.162 min Scan# 1942
Delta R.T. -0.148 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

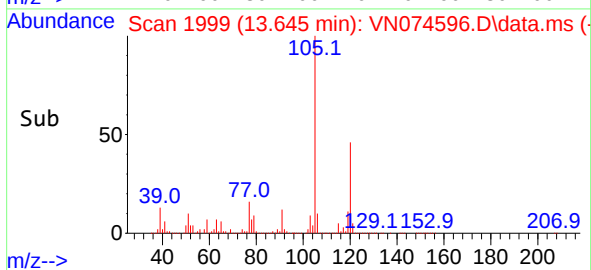
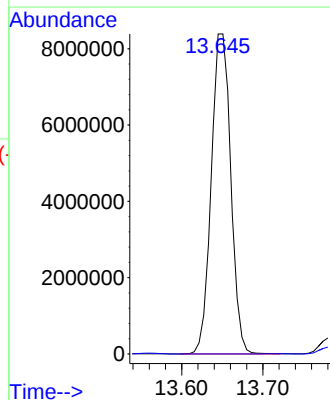
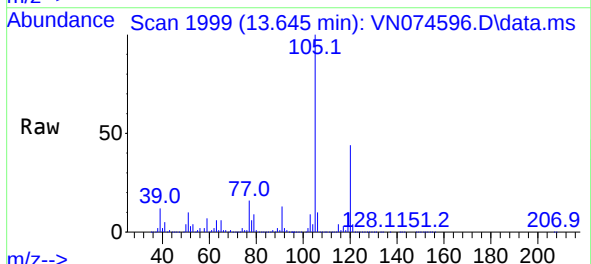
Instrument :
MSVOA_N
ClientSampleId :

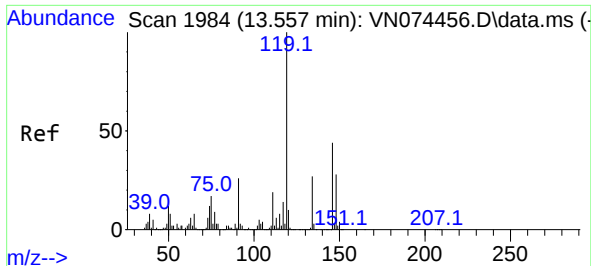
Tgt Ion:105 Resp:11508246
Ion Ratio Lower Upper
105 100
120 30.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 293.575 ug/l
RT: 13.645 min Scan# 1999
Delta R.T. 0.200 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion:105 Resp:13997303
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

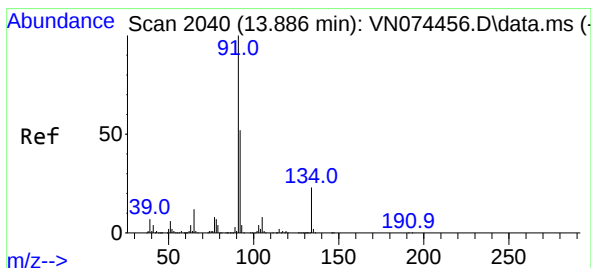
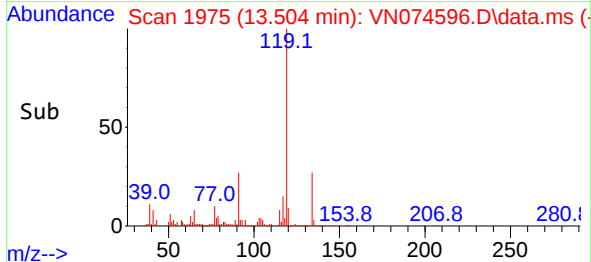
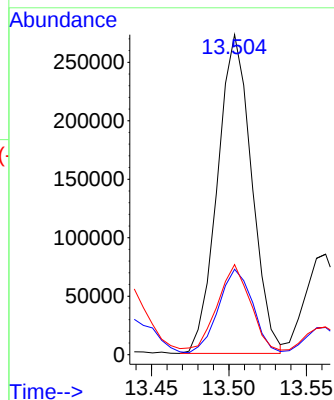
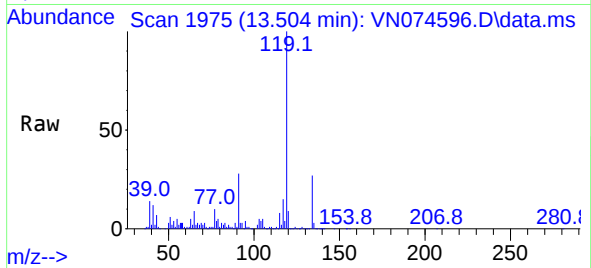




#86
p-Isopropyltoluene
Concen: 11.264 ug/l
RT: 13.504 min Scan# 1984
Delta R.T. -0.053 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

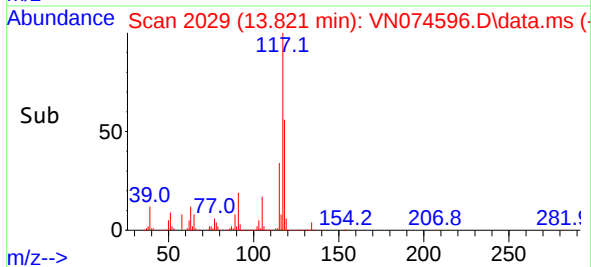
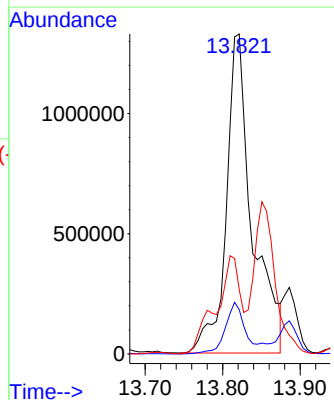
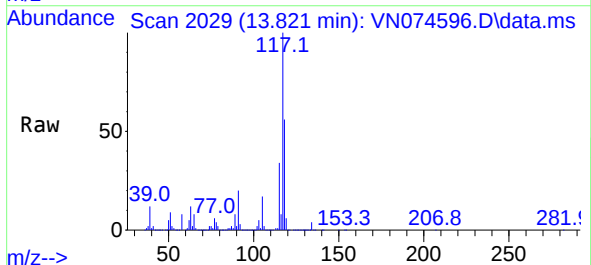
Instrument :
MSVOA_N
ClientSampleId :

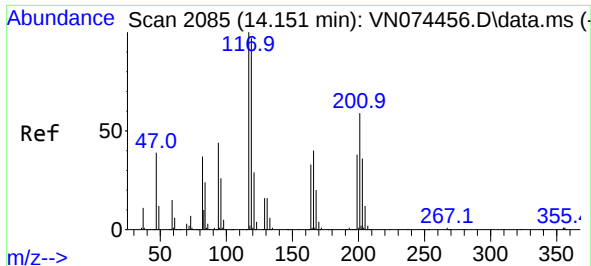
Tgt Ion:119 Resp: 418683
Ion Ratio Lower Upper
119 100
134 27.3 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 91.985 ug/l
RT: 13.821 min Scan# 2029
Delta R.T. -0.065 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion: 91 Resp: 3081772
Ion Ratio Lower Upper
91 100
92 12.2 26.9 80.7#
134 28.9 13.6 40.8

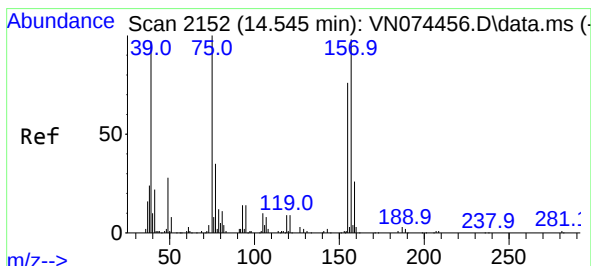
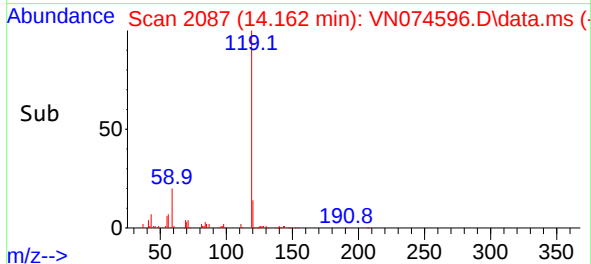
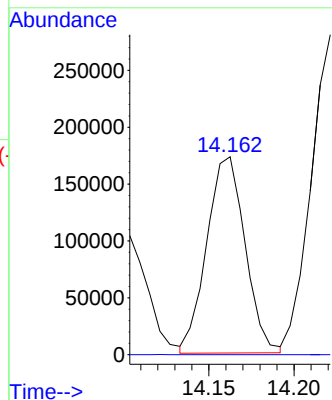
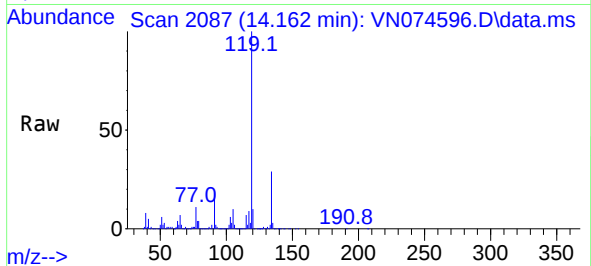




#90
Hexachloroethane
Concen: 33.383 ug/l
RT: 14.162 min Scan# 2087
Delta R.T. 0.011 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

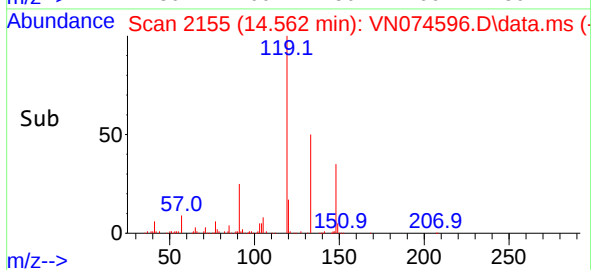
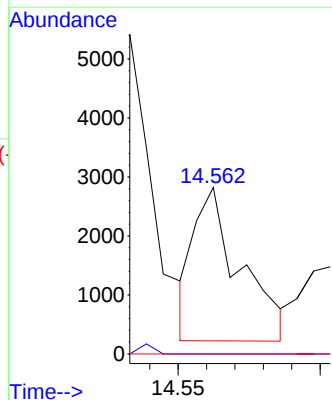
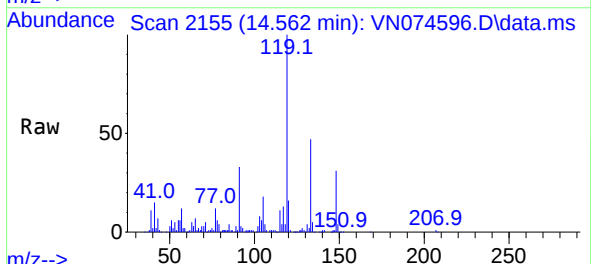
Instrument :
MSVOA_N
ClientSampleId :

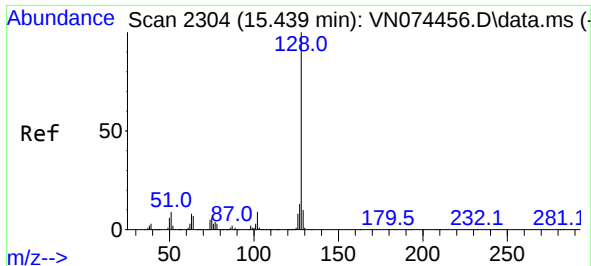
Tgt Ion:117 Resp: 269987
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.716 ug/l
RT: 14.562 min Scan# 2155
Delta R.T. 0.017 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

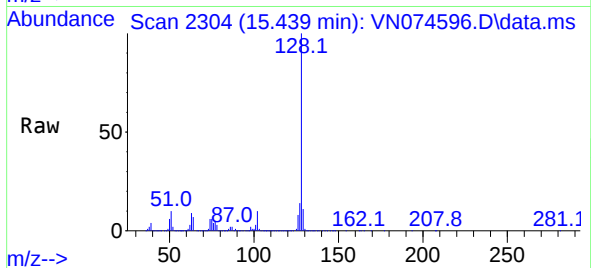
Tgt Ion: 75 Resp: 2967
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



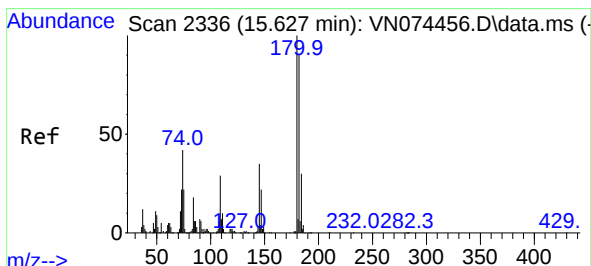
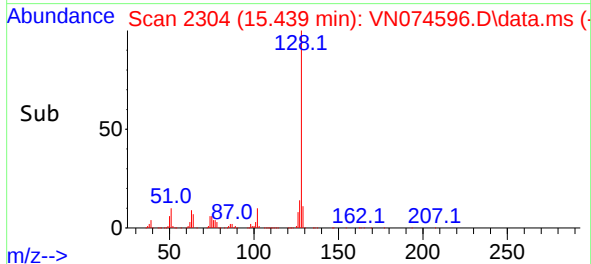
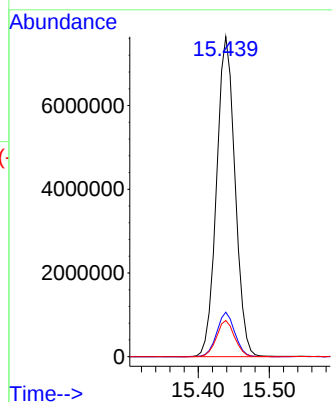


#95
Naphthalene
Concen: 341.806 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp:13748485
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.363 ug/l
RT: 15.651 min Scan# 2340
Delta R.T. 0.024 min
Lab File: VN074596.D
Acq: 19 Sep 2022 19:19

Tgt Ion:180 Resp: 255
Ion Ratio Lower Upper
180 100
182 262.7 47.8 143.3#
145 0.0 15.5 46.5#

