

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079639.D
 Acq On : 23 Oct 2023 11:24
 Operator : JC\MD
 Sample : VN1023WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 23:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	227979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	400331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	362994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188637	51.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.165	113	147018	51.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.200%	
50) Toluene-d8	10.571	98	543139	52.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.853	95	169598	50.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	55216	16.902	ug/l	100
3) Chloromethane	2.365	50	65446	16.056	ug/l	96
4) Vinyl Chloride	2.518	62	70127	16.540	ug/l	98
5) Bromomethane	2.959	94	41731	16.441	ug/l	94
6) Chloroethane	3.124	64	47377	14.822	ug/l	98
7) Trichlorofluoromethane	3.506	101	87862	17.551	ug/l	97
8) Diethyl Ether	3.965	74	31955	17.905	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	49499	16.920	ug/l	99
10) Methyl Iodide	4.595	142	50121	19.744	ug/l	96
11) Tert butyl alcohol	5.518	59	41321	74.271	ug/l	96
12) 1,1-Dichloroethene	4.348	96	45777	16.995	ug/l #	82
13) Acrolein	4.177	56	54479	98.342	ug/l	97
14) Allyl chloride	5.030	41	71994	16.562	ug/l #	90
15) Acrylonitrile	5.730	53	140823	87.307	ug/l	99
16) Acetone	4.424	43	138420	94.410	ug/l	92
17) Carbon Disulfide	4.718	76	124648	14.835	ug/l	99
18) Methyl Acetate	5.030	43	118818	16.558	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	162732	18.594	ug/l #	91
20) Methylene Chloride	5.289	84	61314	18.721	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	51656	16.420	ug/l #	78
22) Diisopropyl ether	6.677	45	182417	18.715	ug/l #	91
23) Vinyl Acetate	6.606	43	479739	87.500	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	108618	18.208	ug/l	98
25) 2-Butanone	7.489	43	184304	84.695	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	85348	18.721	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	62042	18.153	ug/l	89
28) Bromochloromethane	7.818	49	54828	19.317	ug/l #	76
29) Tetrahydrofuran	7.841	42	116191	82.559	ug/l #	77
30) Chloroform	7.965	83	111119	18.436	ug/l	86
31) Cyclohexane	8.259	56	83833	15.988	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	90951	17.931	ug/l	94
36) 1,1-Dichloropropene	8.371	75	76886	17.807	ug/l	95
37) Ethyl Acetate	7.565	43	77633	18.069	ug/l #	91
38) Carbon Tetrachloride	8.365	117	77426	17.912	ug/l	94
39) Methylcyclohexane	9.606	83	68209	16.442	ug/l #	82
40) Benzene	8.606	78	238306	18.584	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38439	17.018	ug/l	88
42) 1,2-Dichloroethane	8.677	62	86054	18.468	ug/l	98
43) Isopropyl Acetate	8.694	43	123406	16.395	ug/l #	90
44) Trichloroethene	9.353	130	55591	18.419	ug/l	97
45) 1,2-Dichloropropane	9.624	63	62903	18.618	ug/l	96
46) Dibromomethane	9.712	93	42429	19.390	ug/l	94
47) Bromodichloromethane	9.894	83	89241	19.826	ug/l #	99
48) Methyl methacrylate	9.683	41	56533	17.527	ug/l #	81
49) 1,4-Dioxane	9.700	88	19238	323.802	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	378631	89.109	ug/l	89
52) Toluene	10.635	92	143829	19.055	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	84674	18.667	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	94945	19.120	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	60176	19.858	ug/l	97
56) Ethyl methacrylate	10.877	69	77301	18.564	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	103446	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	164039	102.864	ug/l	89
59) 2-Hexanone	11.200	43	267278	87.170	ug/l	88
60) Dibromochloromethane	11.365	129	60803	19.964	ug/l	98
61) 1,2-Dibromoethane	11.471	107	56727	18.863	ug/l	98
64) Tetrachloroethene	11.106	164	45386	18.175	ug/l	92
65) Chlorobenzene	11.894	112	147511	18.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	57262	19.346	ug/l	97
67) Ethyl Benzene	11.965	91	253162	18.018	ug/l	95
68) m/p-Xylenes	12.076	106	192721	37.749	ug/l	95
69) o-Xylene	12.406	106	89838	17.893	ug/l	92
70) Styrene	12.412	104	147098	18.548	ug/l	97
71) Bromoform	12.582	173	39531	18.248	ug/l #	99
73) Isopropylbenzene	12.700	105	226719	16.856	ug/l	99
74) N-amyl acetate	12.500	43	90678	16.445	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	85193	18.867	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100728	24.164	ug/l	67
77) Bromobenzene	12.982	156	56444	17.115	ug/l	97
78) n-propylbenzene	13.041	91	270955	17.805	ug/l	96
79) 2-Chlorotoluene	13.129	91	166641	17.113	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	188812	17.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21526	14.983	ug/l #	67
82) 4-Chlorotoluene	13.223	91	160429	17.313	ug/l	99
83) tert-Butylbenzene	13.441	119	148532	17.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	186922	18.467	ug/l	99
85) sec-Butylbenzene	13.618	105	210493	17.366	ug/l	100
86) p-Isopropyltoluene	13.729	119	165112	17.757	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	91533	17.499	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	89639	16.596	ug/l	98
89) n-Butylbenzene	14.059	91	125820	16.945	ug/l	98
90) Hexachloroethane	14.335	117	35836	18.321	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	90575	17.752	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12027	15.464	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	22327	14.129	ug/l	96
94) Hexachlorobutadiene	15.506	225	20985	17.050	ug/l	94
95) Naphthalene	15.647	128	58298	12.081	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	27533	14.600	ug/l	98

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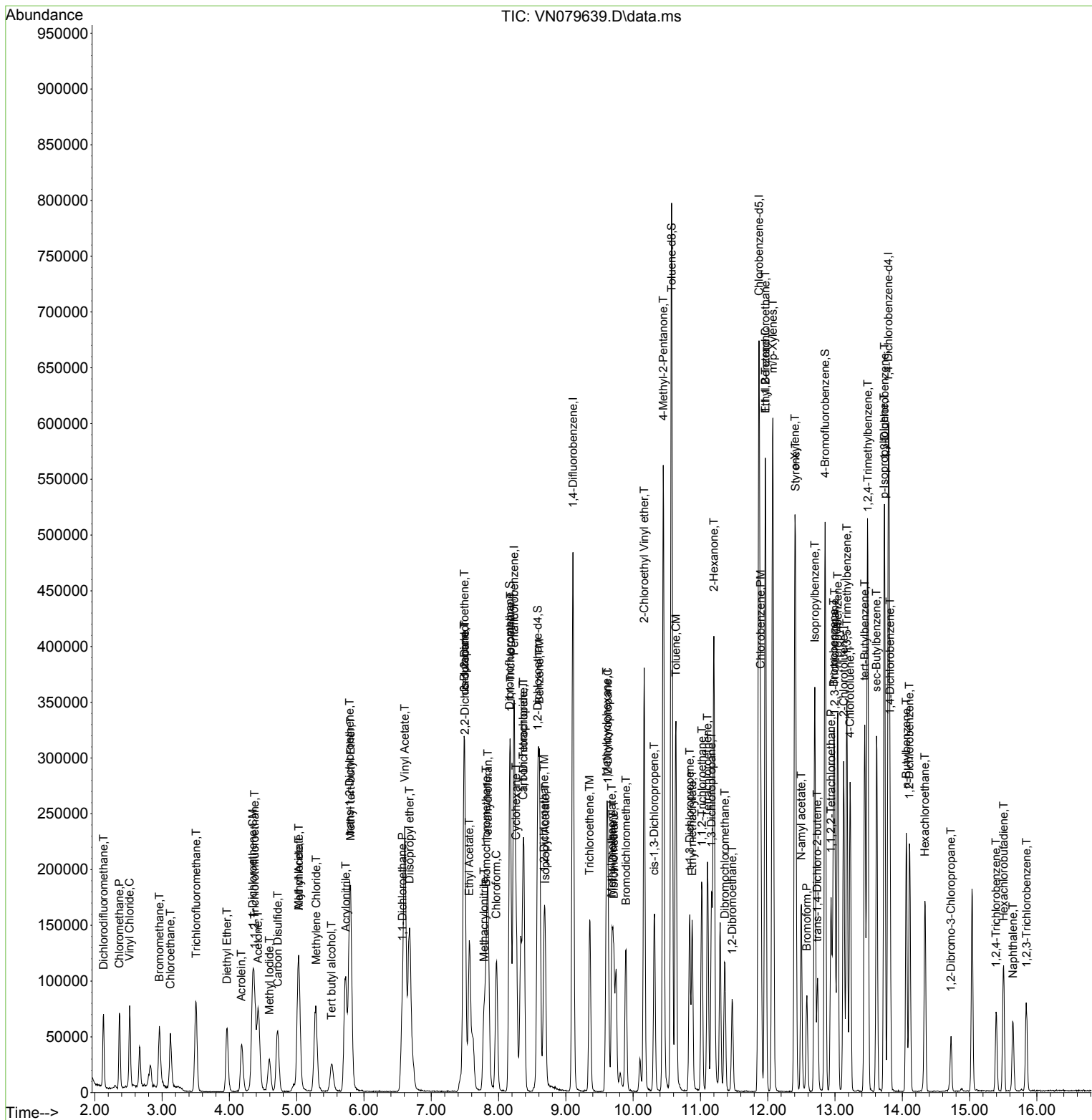
Instrument :
MSVOA_N
ClientSampleId :

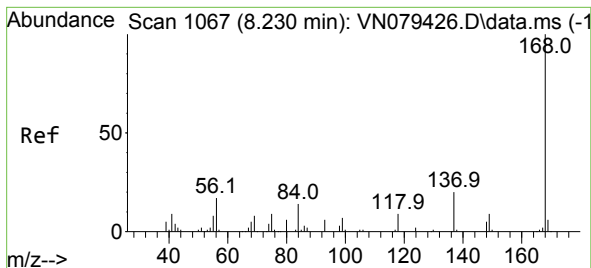
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

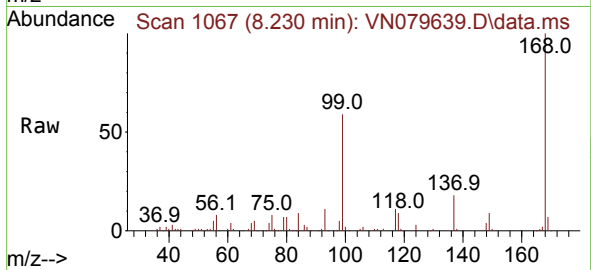
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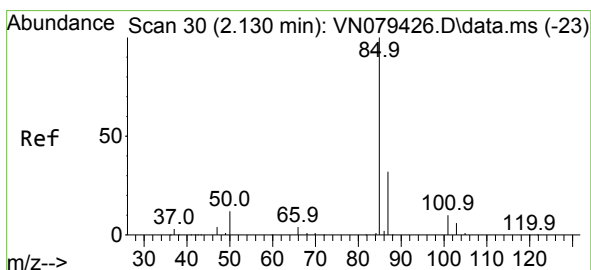
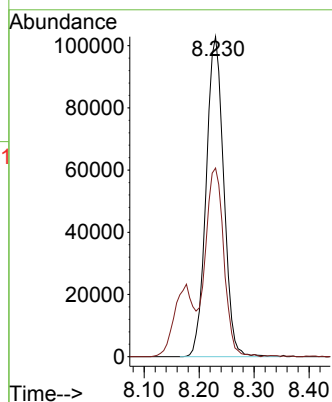
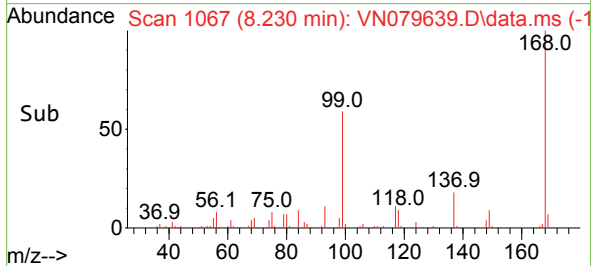


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079639.D
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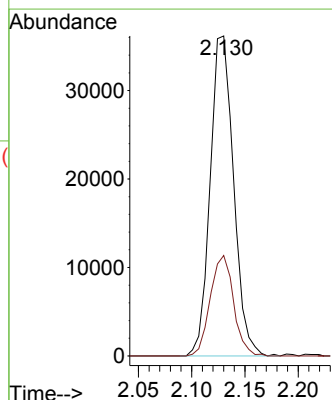
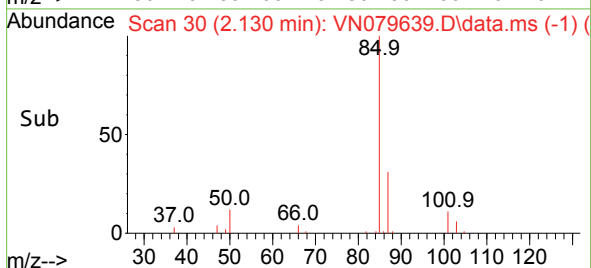
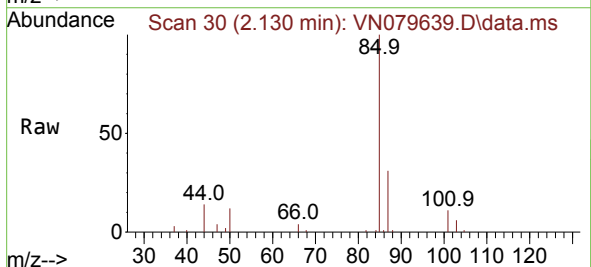


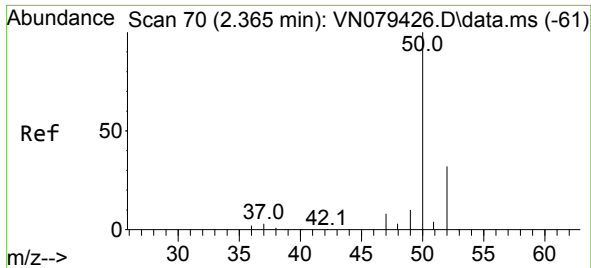
Tgt Ion:168 Resp: 227979
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.902 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

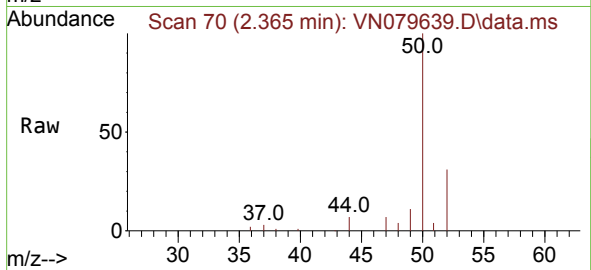
Tgt Ion: 85 Resp: 55216
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4



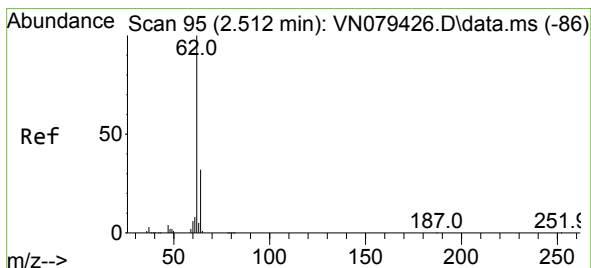
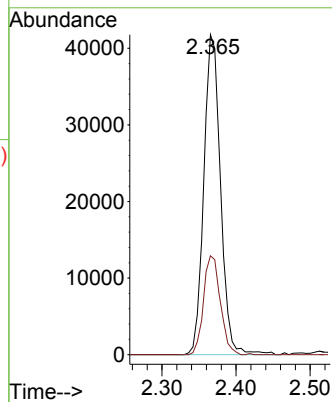
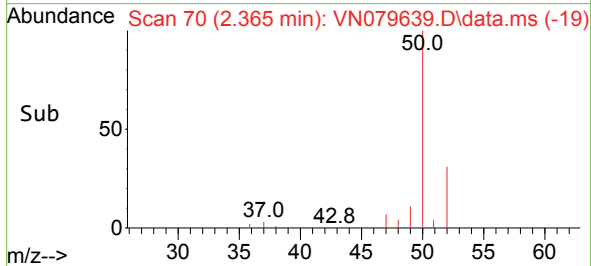


#3
Chloromethane
Concen: 16.056 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :

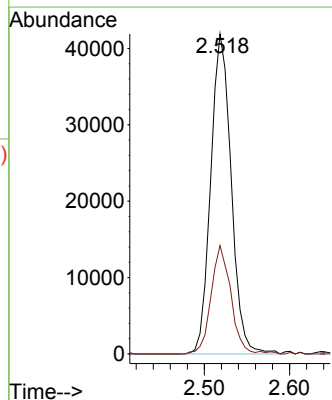
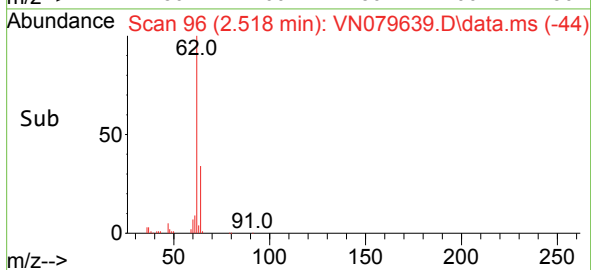
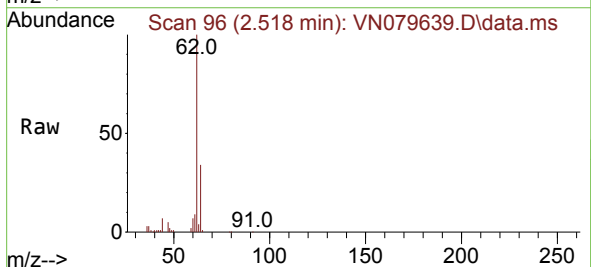


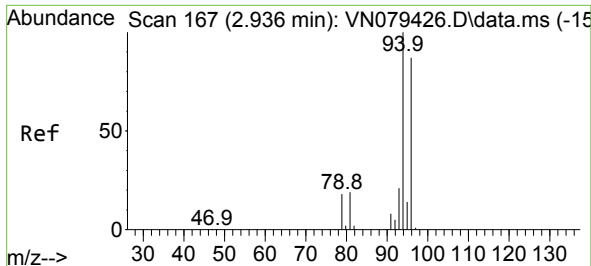
Tgt Ion: 50 Resp: 65446
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7



#4
Vinyl Chloride
Concen: 16.540 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 62 Resp: 70127
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2





#5

Bromomethane

Concen: 16.441 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

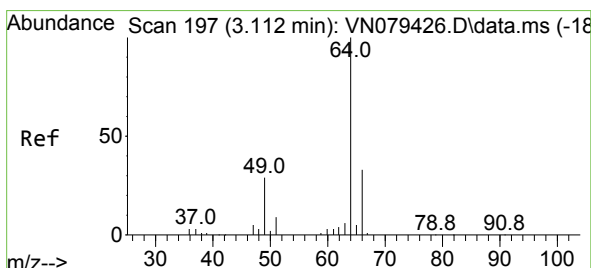
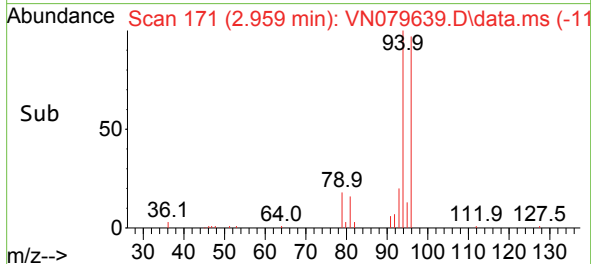
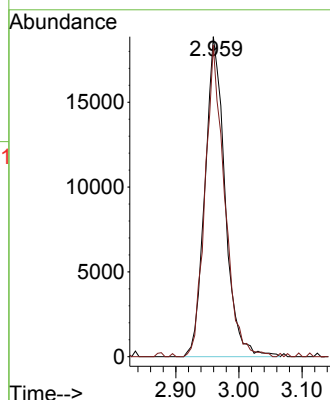
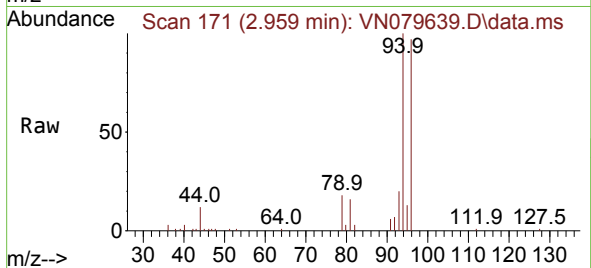
ClientSampleId :

Tgt Ion: 94 Resp: 41731

Ion Ratio Lower Upper

94 100

96 97.3 73.1 109.7



#6

Chloroethane

Concen: 14.822 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079639.D

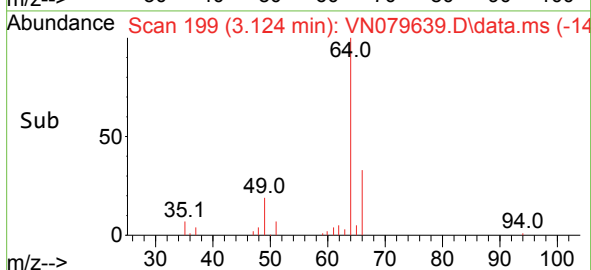
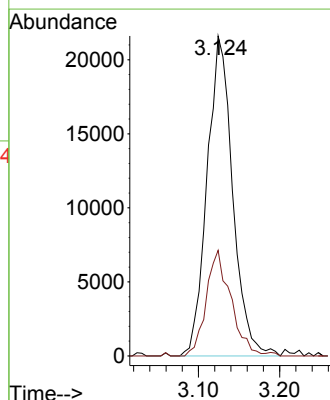
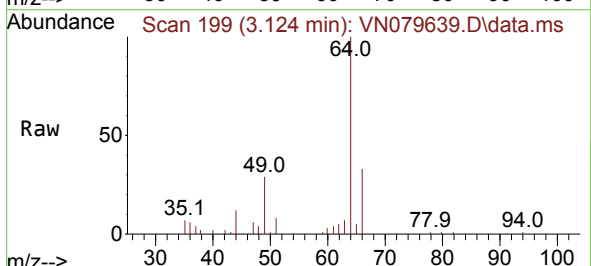
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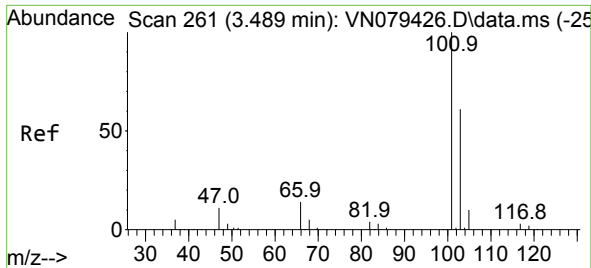
Tgt Ion: 64 Resp: 47377

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.2

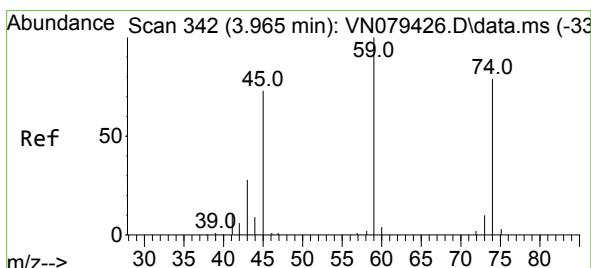
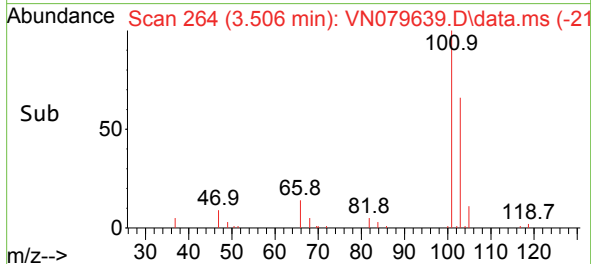
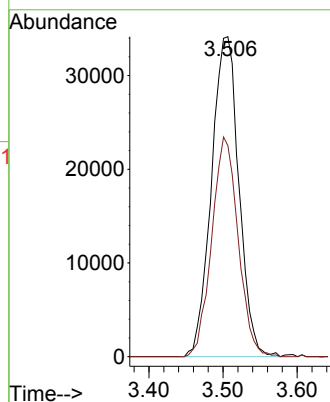
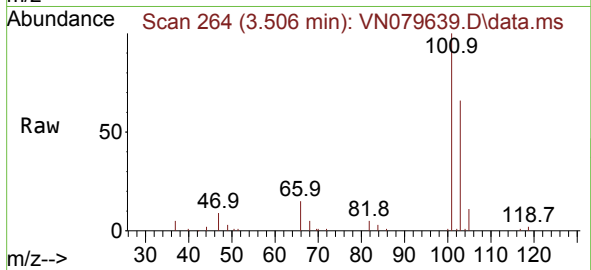




#7
Trichlorofluoromethane
Concen: 17.551 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.018 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

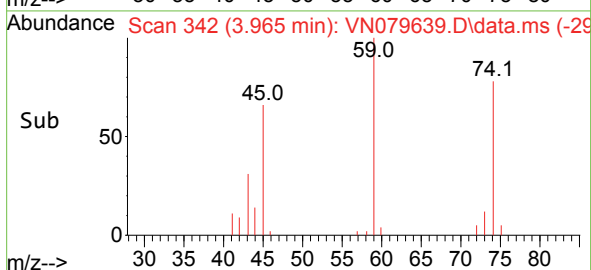
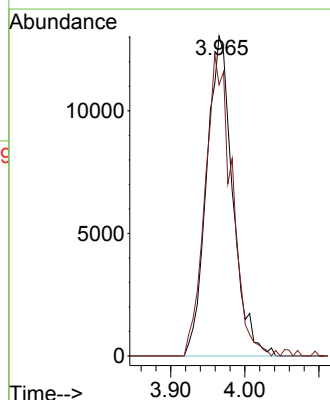
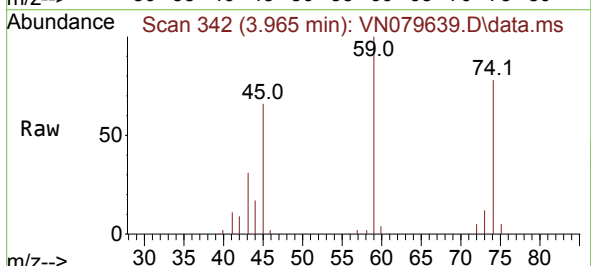
Instrument :
MSVOA_N
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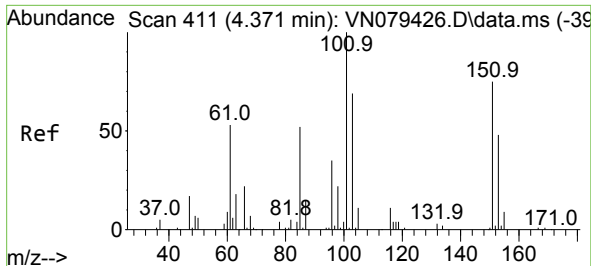
Tgt Ion:101 Resp: 87862
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1



#8
Diethyl Ether
Concen: 17.905 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 74 Resp: 31955
Ion Ratio Lower Upper
74 100
45 97.3 34.4 103.3

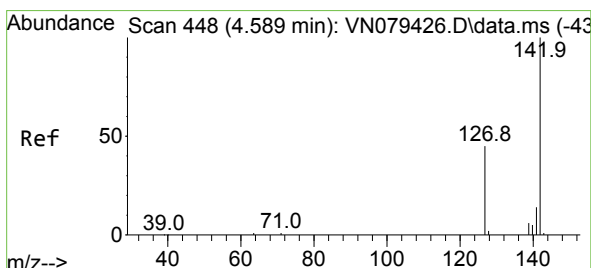
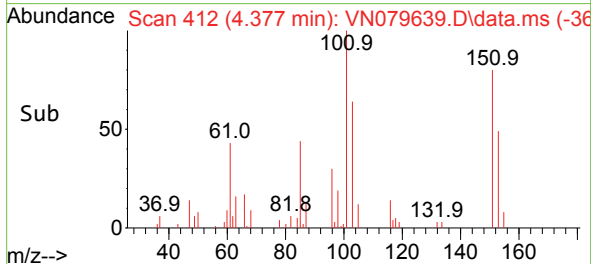
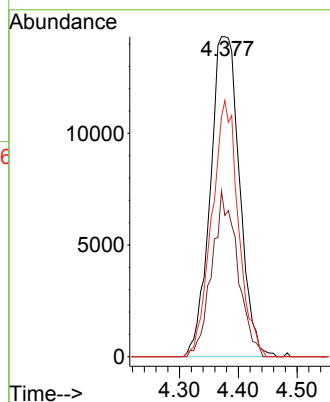
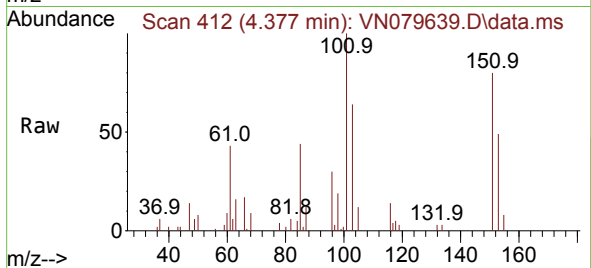




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.920 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079639.D
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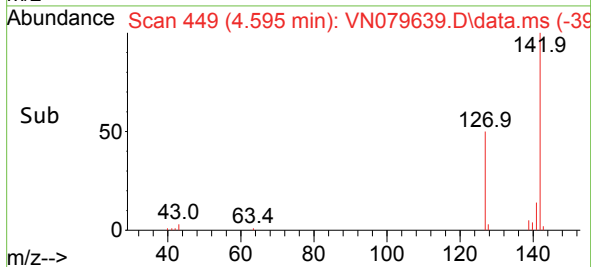
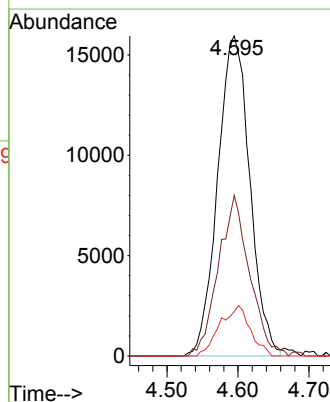
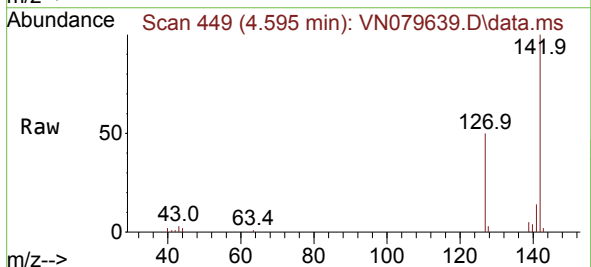
Instrument :
MSVOA_N
ClientSampleId :

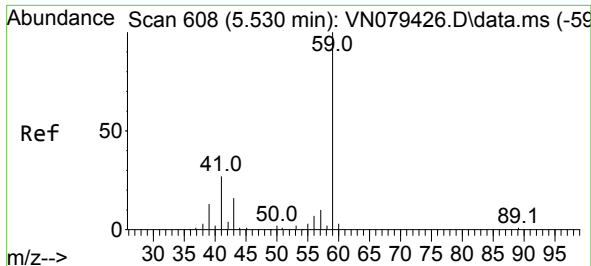
Tgt Ion:101 Resp: 49499
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 19.744 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

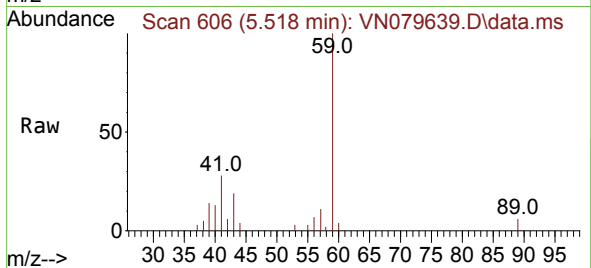
Tgt Ion:142 Resp: 50121
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 13.9 11.4 17.0



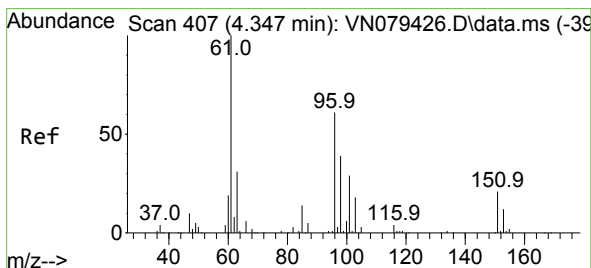
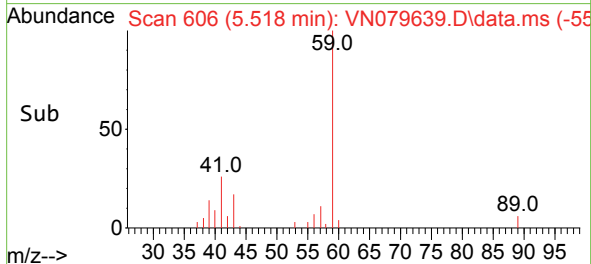
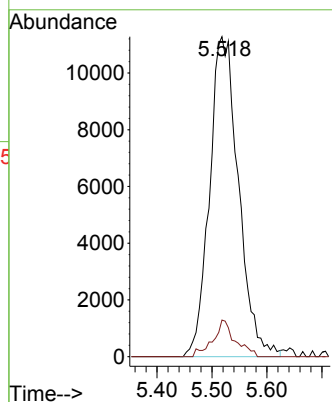


#11
Tert butyl alcohol
Concen: 74.271 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :

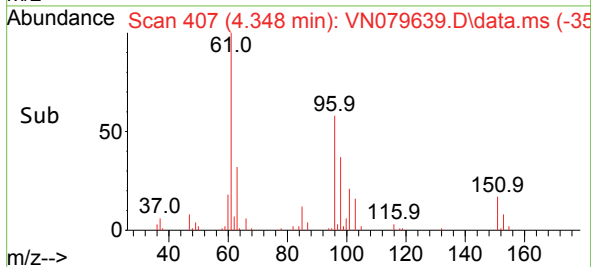
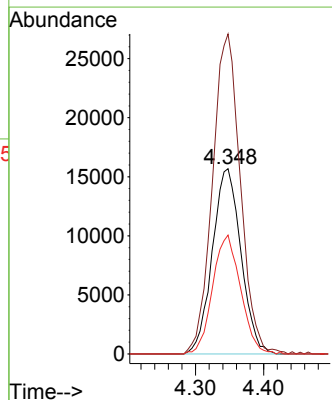
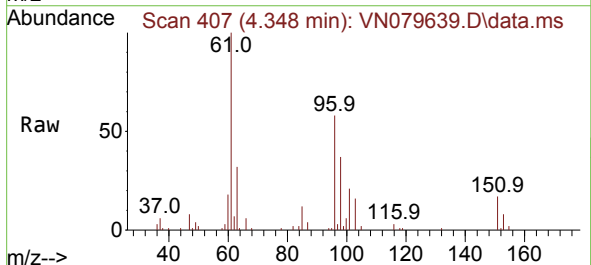


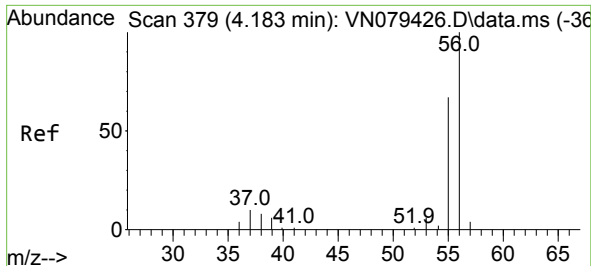
Tgt Ion: 59 Resp: 41321
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.995 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 96 Resp: 45777
Ion Ratio Lower Upper
96 100
61 172.8 112.7 169.1#
98 64.2 51.2 76.8

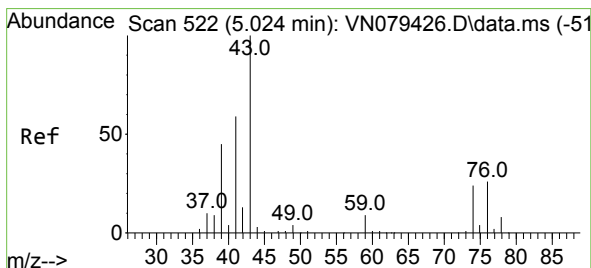
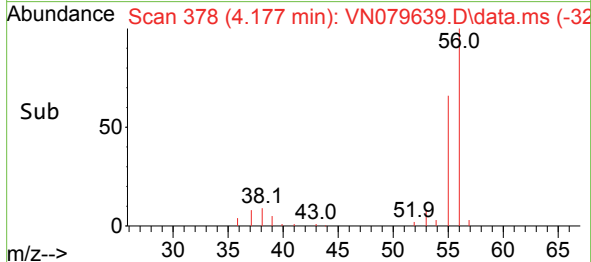
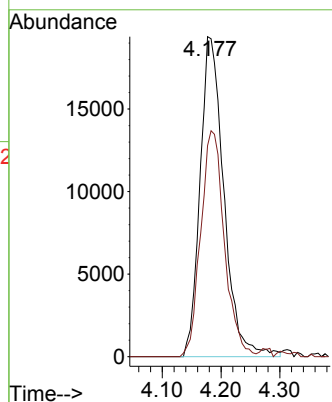
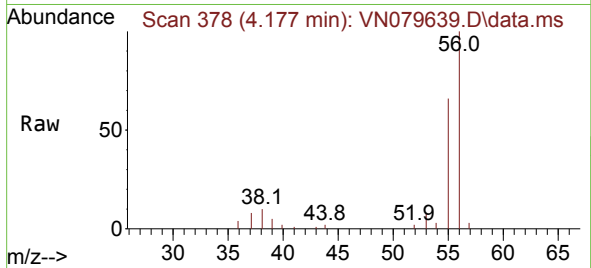




#13
Acrolein
Concen: 98.342 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

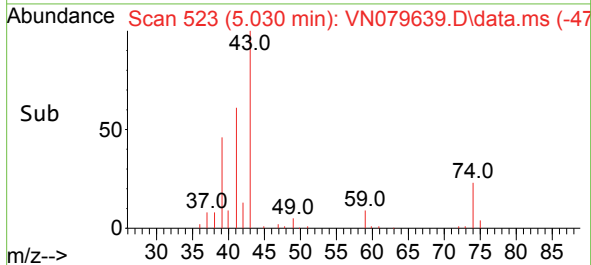
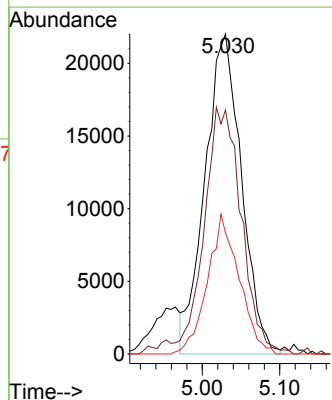
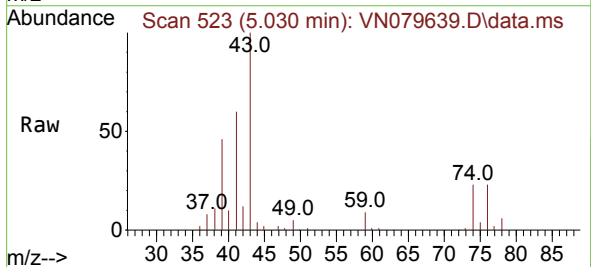
Instrument :
MSVOA_N
ClientSampleId :

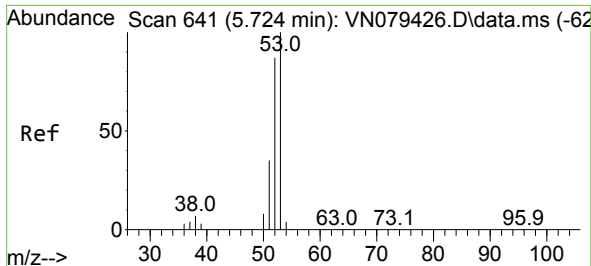
Tgt Ion: 56 Resp: 54479
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7



#14
Allyl chloride
Concen: 16.562 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 41 Resp: 71994
Ion Ratio Lower Upper
41 100
39 78.3 58.8 88.2
76 38.0 39.1 58.7#

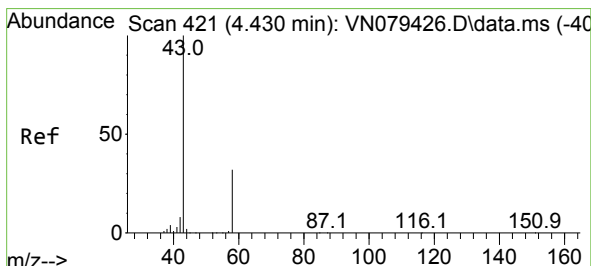
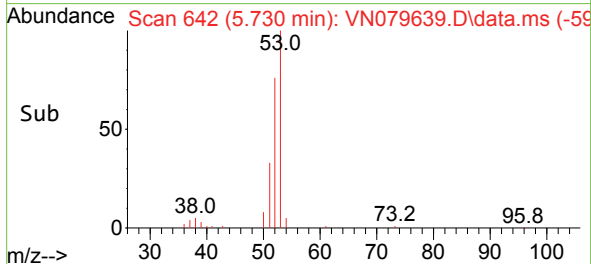
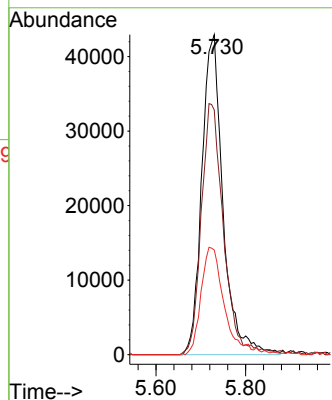
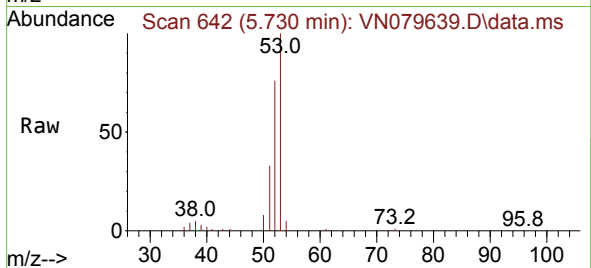




#15
Acrylonitrile
Concen: 87.307 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

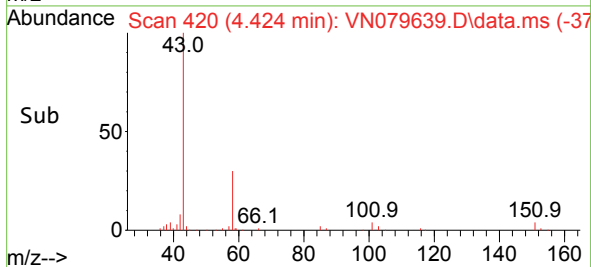
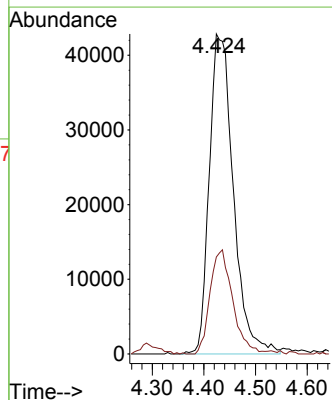
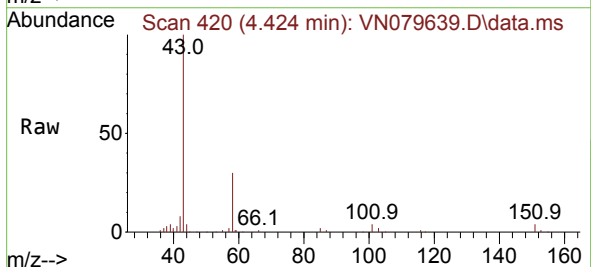
Instrument :
MSVOA_N
ClientSampleId :

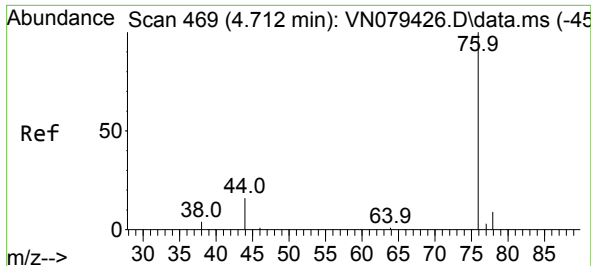
Tgt Ion: 53 Resp: 140823
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 94.410 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 43 Resp: 138420
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

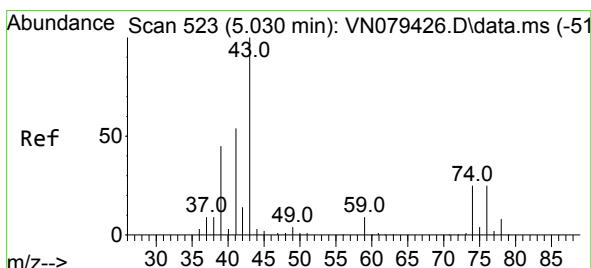
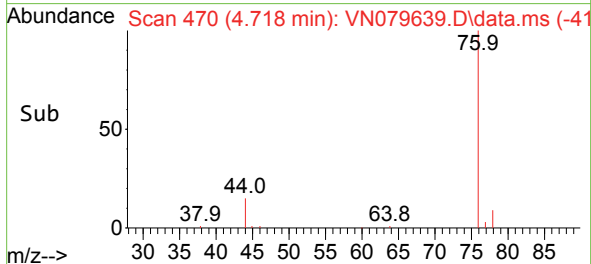
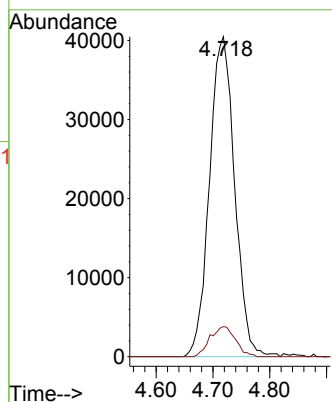
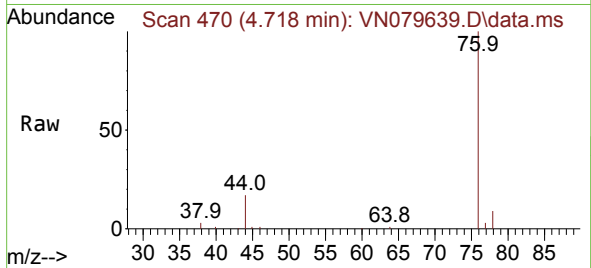




#17
Carbon Disulfide
Concen: 14.835 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

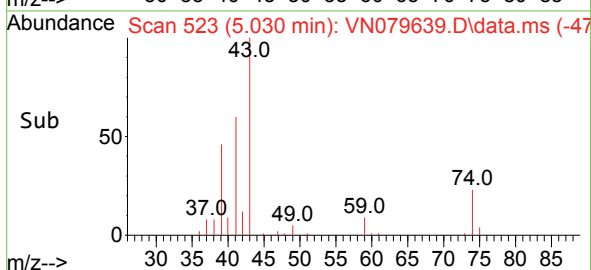
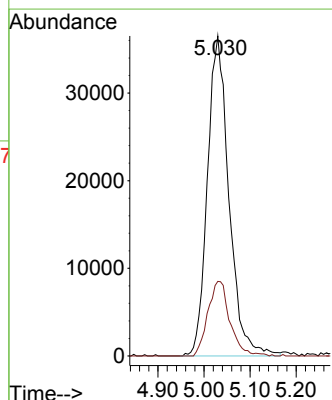
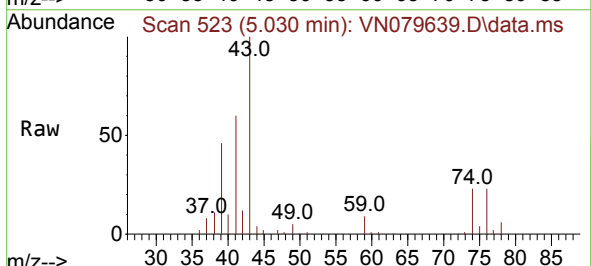
Instrument :
MSVOA_N
ClientSampleId :

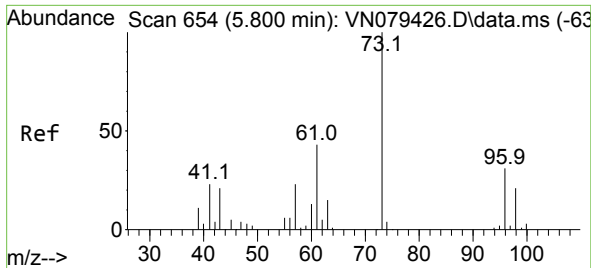
Tgt Ion: 76 Resp: 124648
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 16.558 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 43 Resp: 118818
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

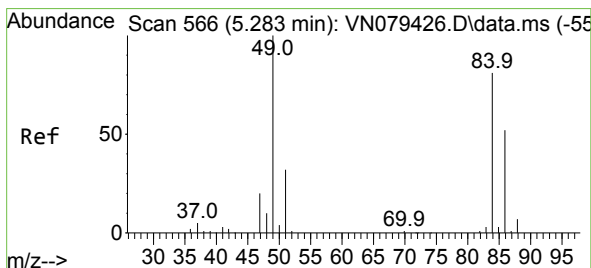
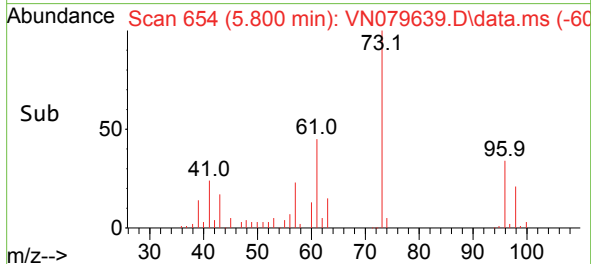
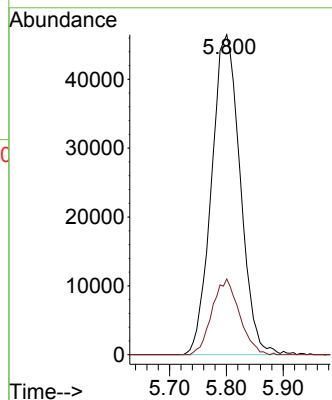
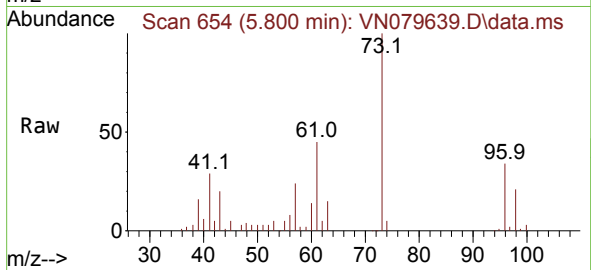




#19
Methyl tert-butyl Ether
Concen: 18.594 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

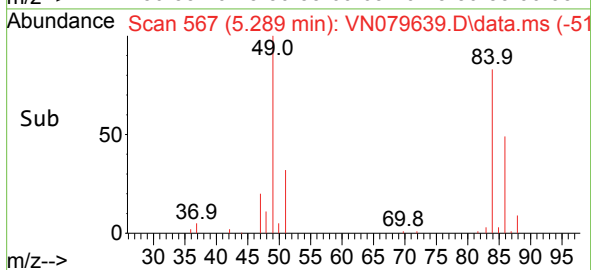
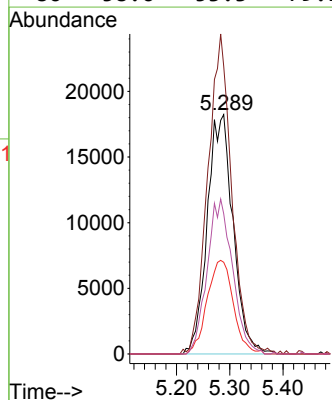
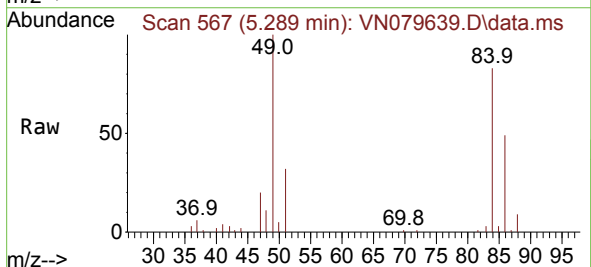
Instrument :
MSVOA_N
ClientSampleId :

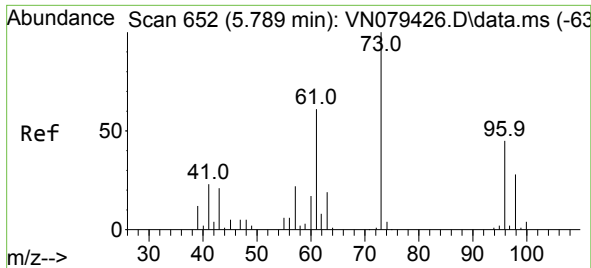
Tgt Ion: 73 Resp: 162732
Ion Ratio Lower Upper
73 100
57 23.7 15.6 23.4#



#20
Methylene Chloride
Concen: 18.721 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 84 Resp: 61314
Ion Ratio Lower Upper
84 100
49 120.2 79.7 119.5#
51 38.3 25.2 37.8#
86 58.6 53.3 79.9

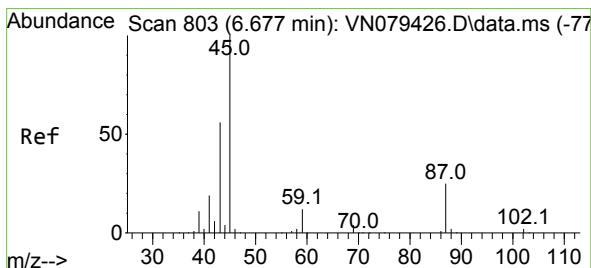
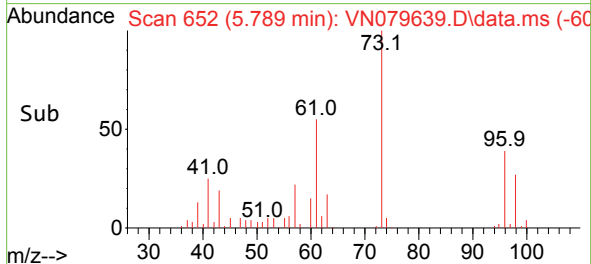
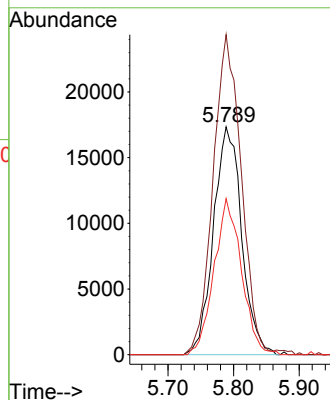
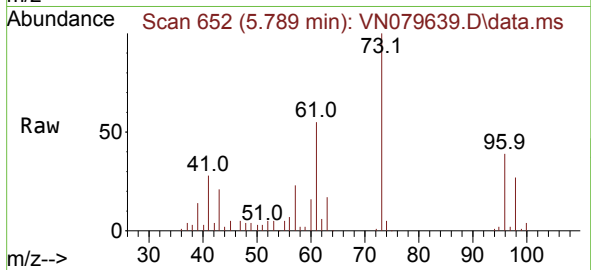




#21
trans-1,2-Dichloroethene
Concen: 16.420 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

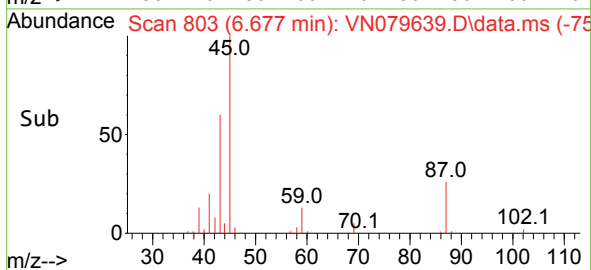
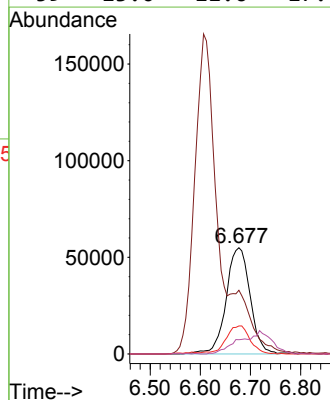
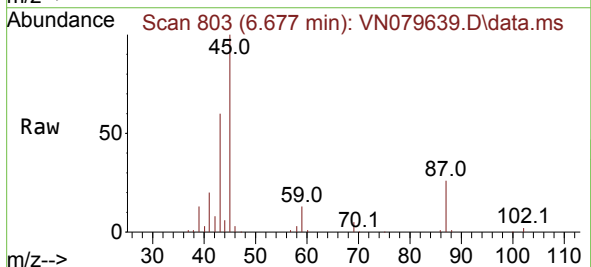
Instrument :
MSVOA_N
ClientSampleId :

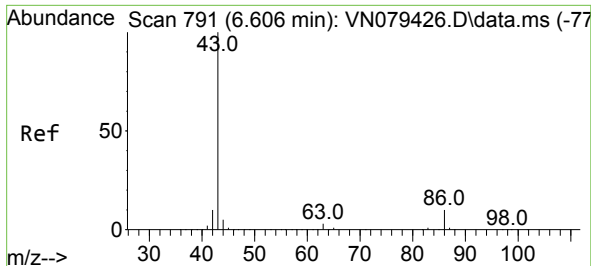
Tgt Ion: 96 Resp: 51656
Ion Ratio Lower Upper
96 100
61 140.5 90.1 135.1#
98 68.5 46.4 69.6



#22
Diisopropyl ether
Concen: 18.715 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 45 Resp: 182417
Ion Ratio Lower Upper
45 100
43 57.0 45.5 68.3
87 25.8 31.8 47.8#
59 13.0 11.6 17.4

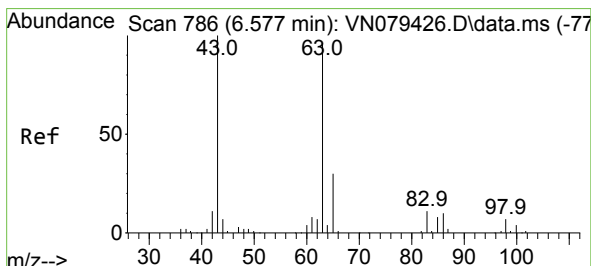
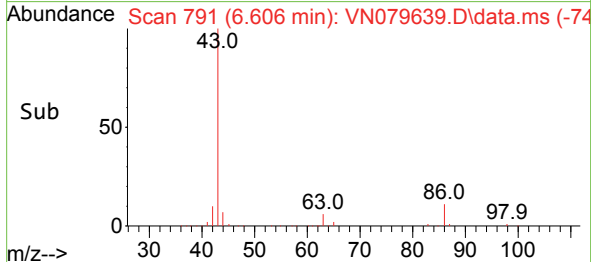
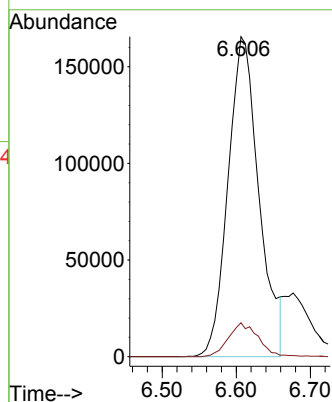
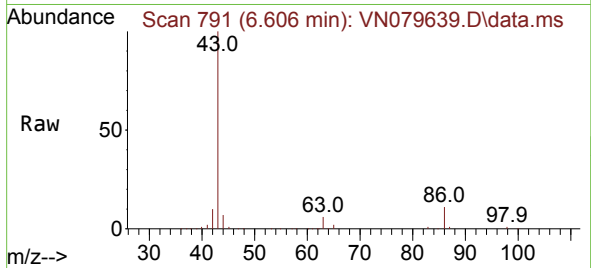




#23
 Vinyl Acetate
 Concen: 87.500 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

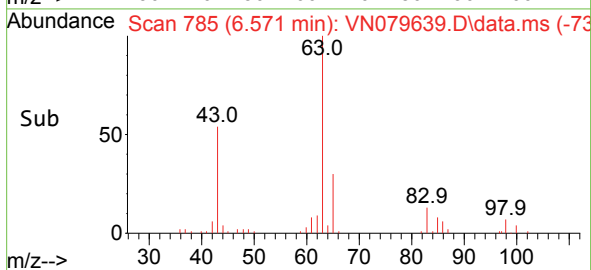
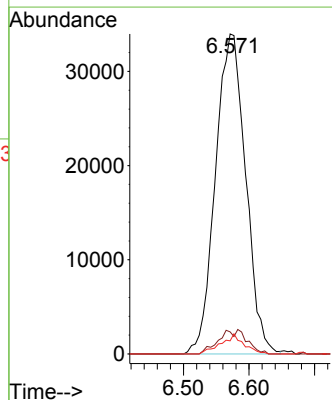
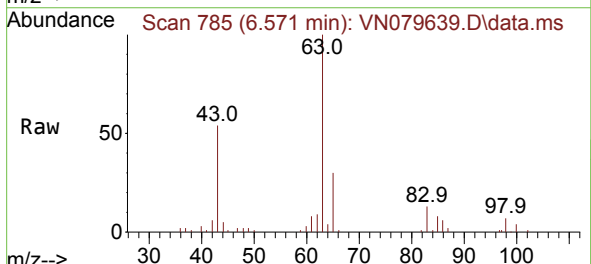
Instrument :
 MSVOA_N
 ClientSampleId :

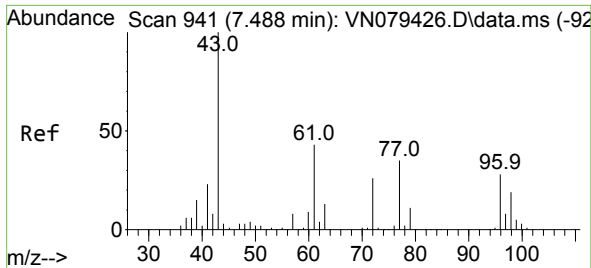
Tgt Ion: 43 Resp: 479739
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.208 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion: 63 Resp: 108618
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.1 2.5 7.4

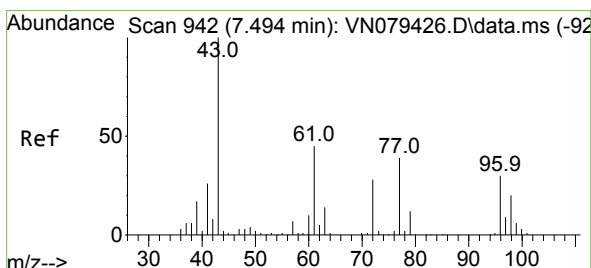
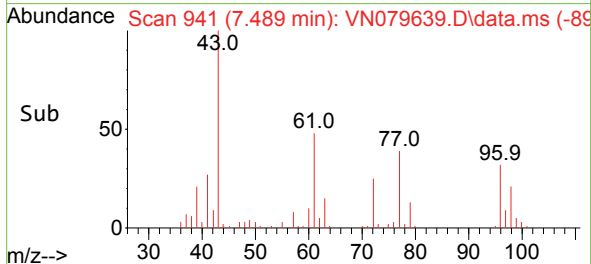
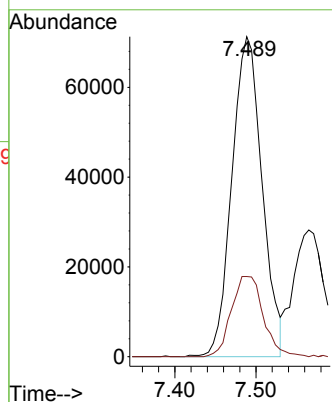
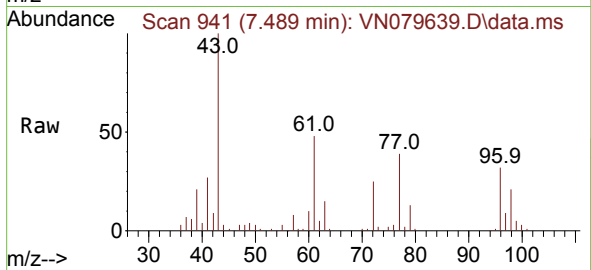




#25
2-Butanone
Concen: 84.695 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

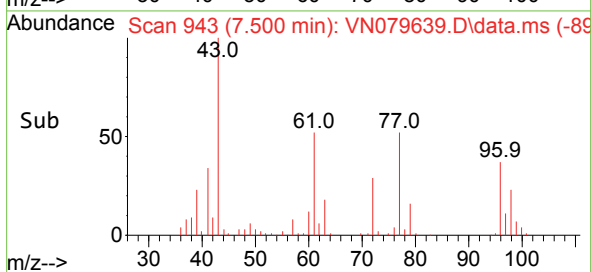
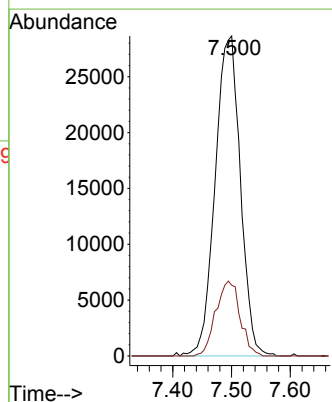
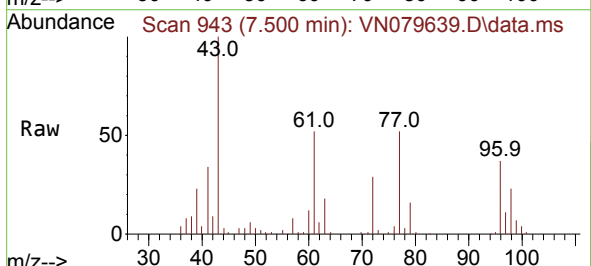
Instrument :
MSVOA_N
ClientSampleId :

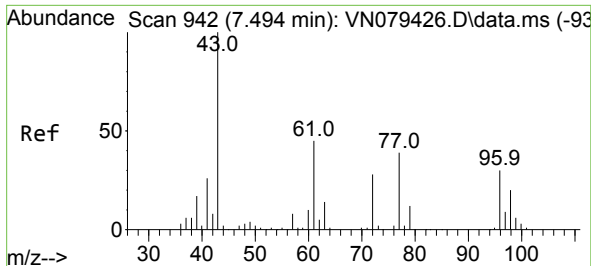
Tgt Ion: 43 Resp: 184304
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.721 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 77 Resp: 85348
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6

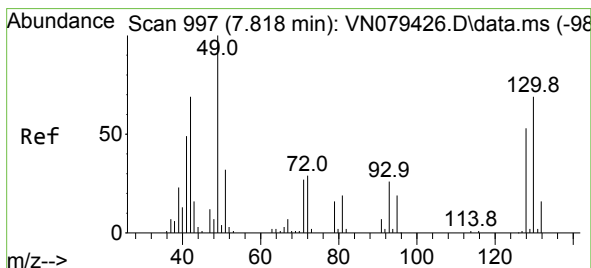
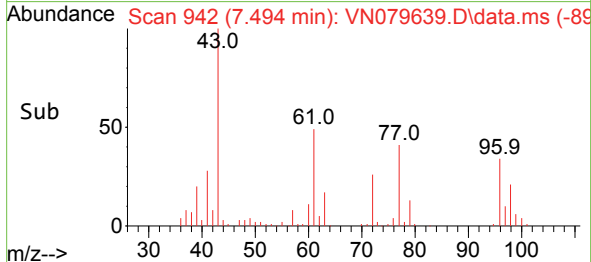
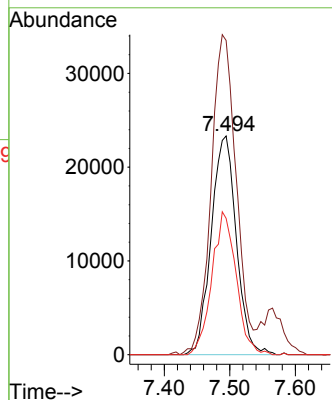
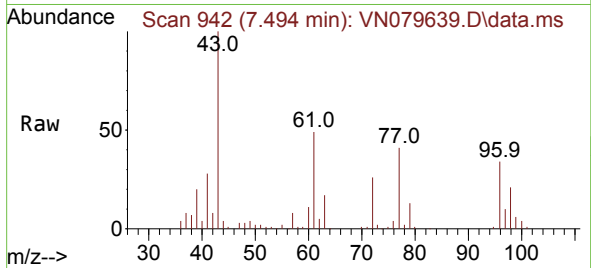




#27
 cis-1,2-Dichloroethene
 Concen: 18.153 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

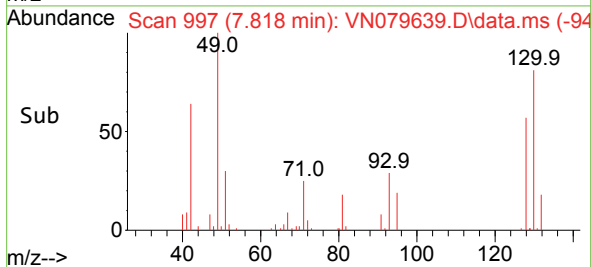
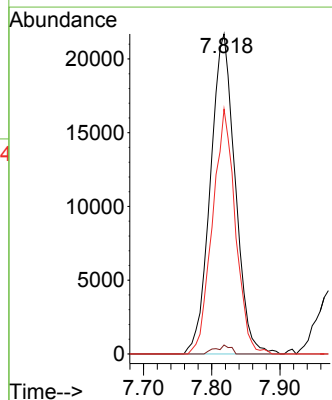
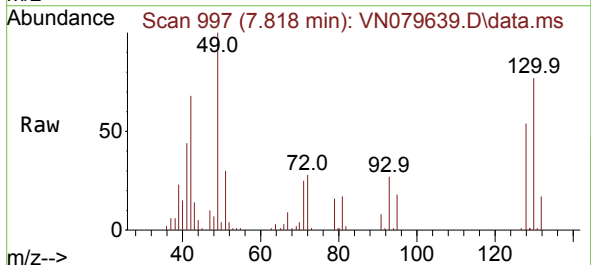
Instrument :
 MSVOA_N
 ClientSampleId :

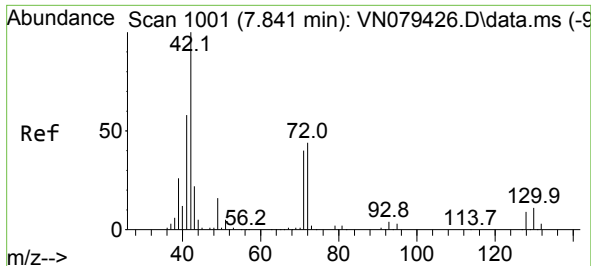
Tgt Ion: 96 Resp: 62042
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 255.2
 98 63.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.317 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion: 49 Resp: 54828
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 70.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 82.559 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

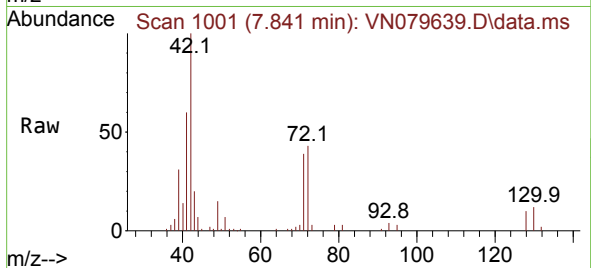
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



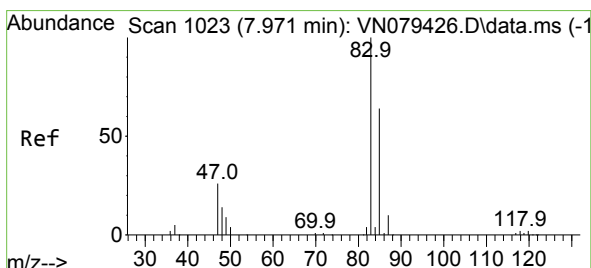
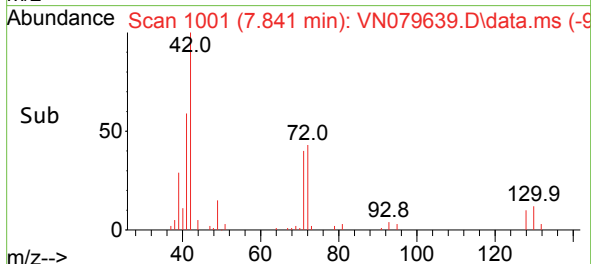
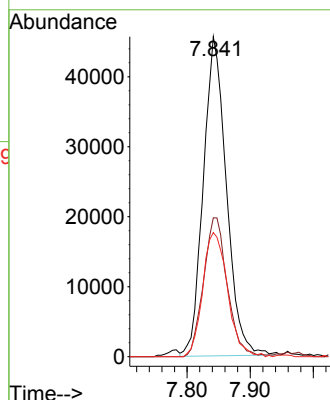
Tgt Ion: 42 Resp: 116191

Ion Ratio Lower Upper

42 100

72 44.6 49.8 74.6#

71 41.7 47.4 71.2#



#30

Chloroform

Concen: 18.436 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079639.D

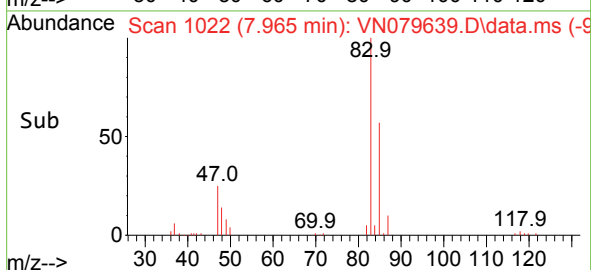
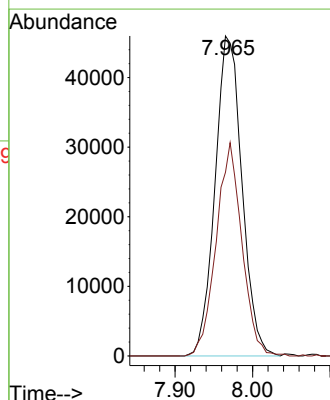
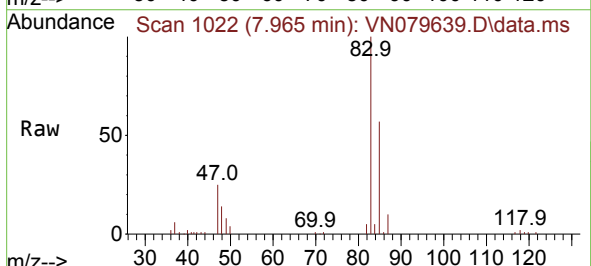
Acq: 23 Oct 2023 11:24

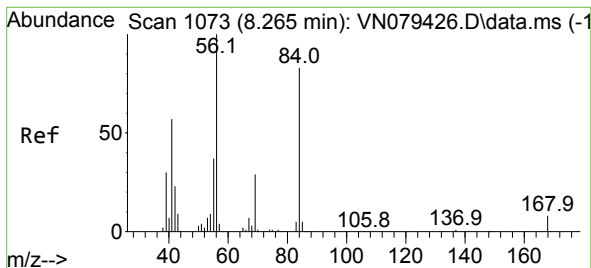
Tgt Ion: 83 Resp: 111119

Ion Ratio Lower Upper

83 100

85 57.4 55.4 83.0





#31

Cyclohexane

Concen: 15.988 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

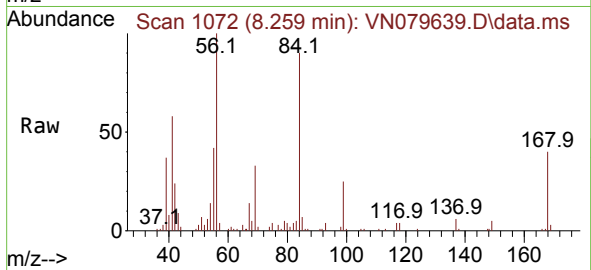
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



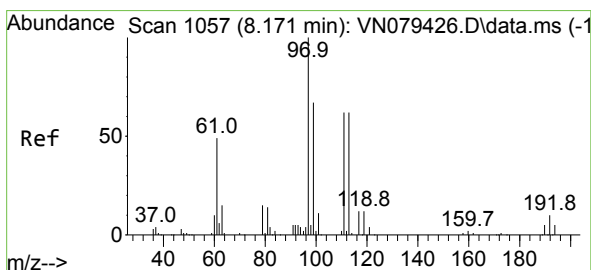
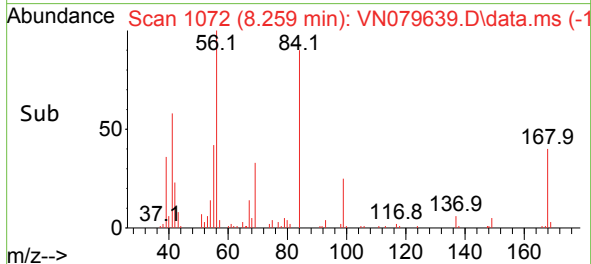
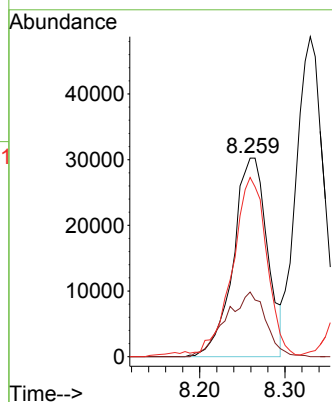
Tgt Ion: 56 Resp: 83833

Ion Ratio Lower Upper

56 100

69 32.5 26.8 40.2

84 88.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 17.931 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

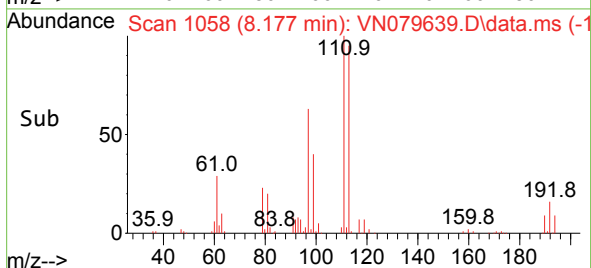
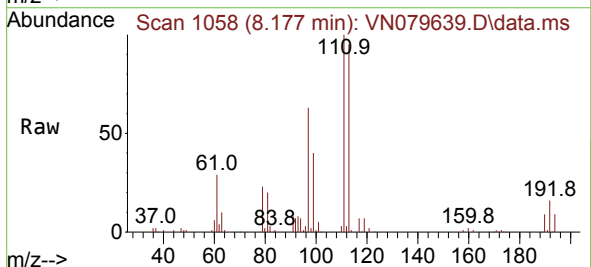
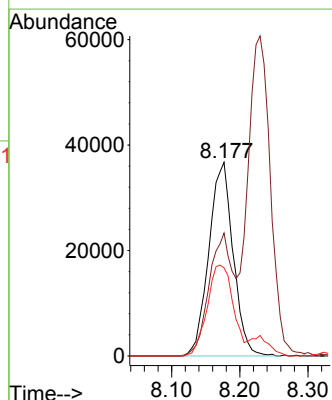
Tgt Ion: 97 Resp: 90951

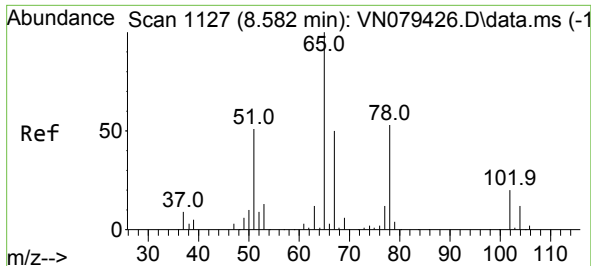
Ion Ratio Lower Upper

97 100

99 61.9 50.3 75.5

61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.031 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

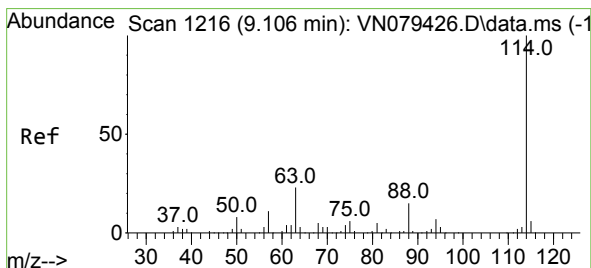
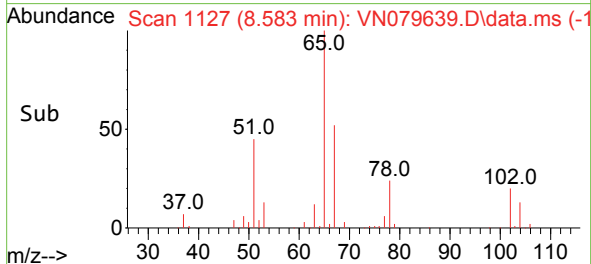
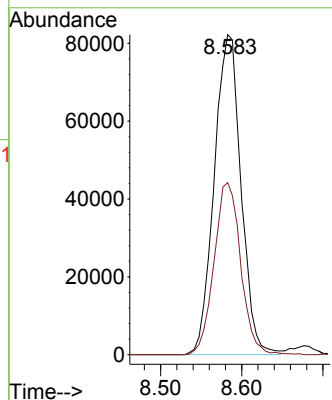
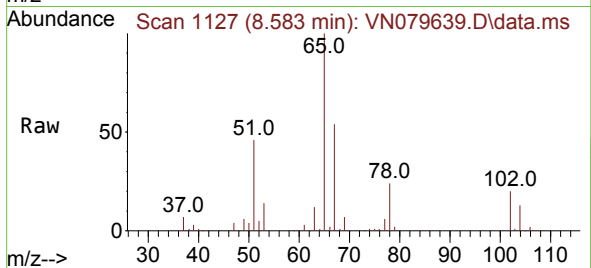
ClientSampleId :

Tgt Ion: 65 Resp: 188637

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

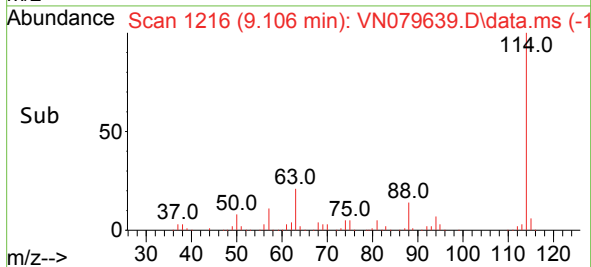
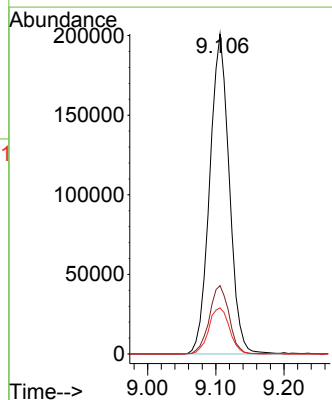
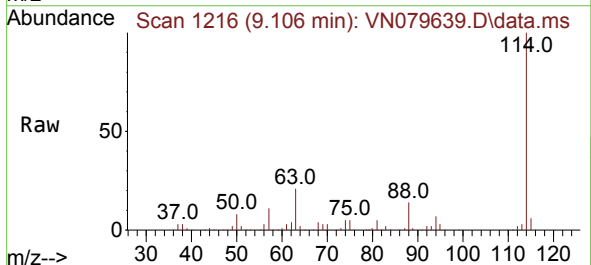
Tgt Ion: 114 Resp: 400331

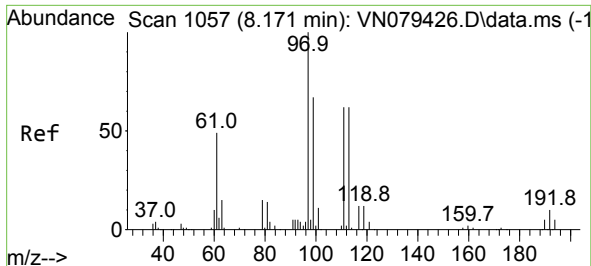
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.103 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

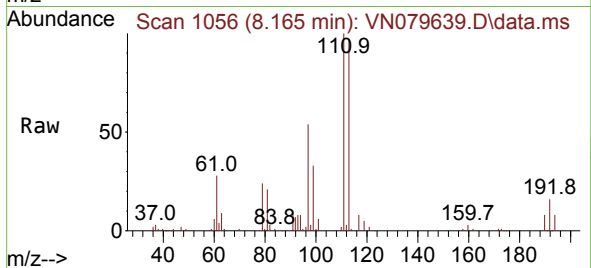
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



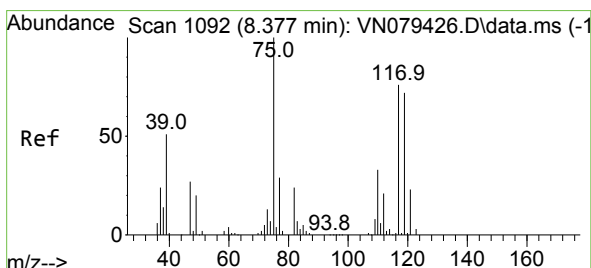
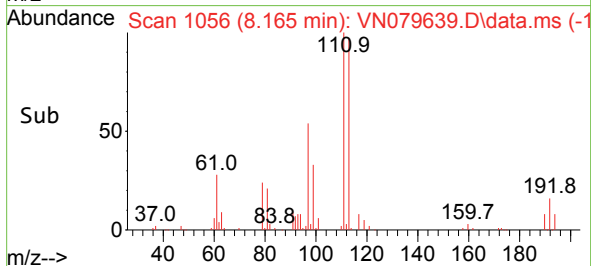
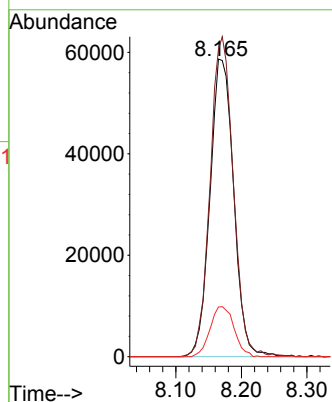
Tgt Ion:113 Resp: 147018

Ion Ratio Lower Upper

113 100

111 105.5 82.6 123.8

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 17.807 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

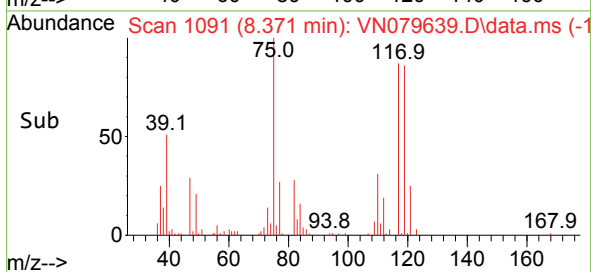
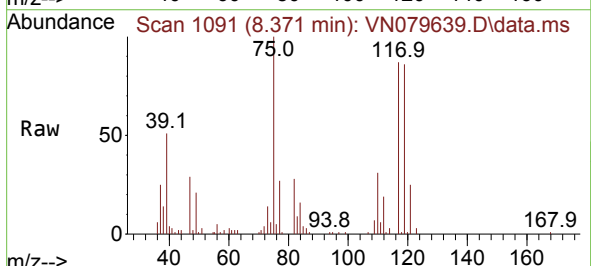
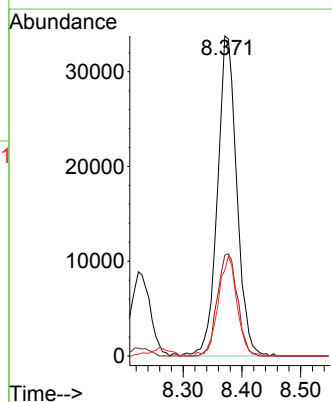
Tgt Ion: 75 Resp: 76886

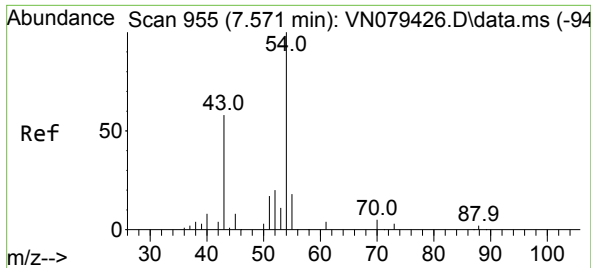
Ion Ratio Lower Upper

75 100

110 33.2 19.1 57.3

77 30.3 25.0 37.4

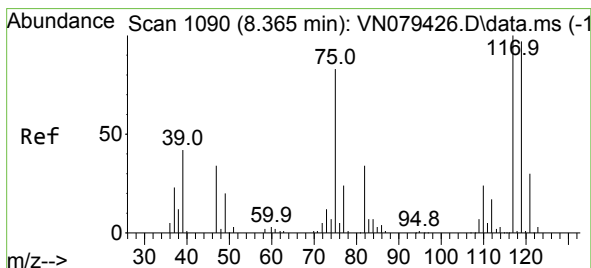
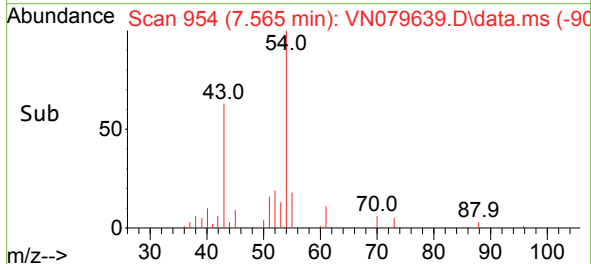
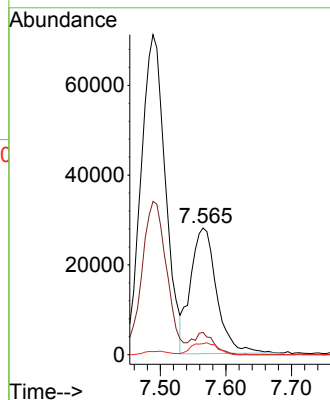
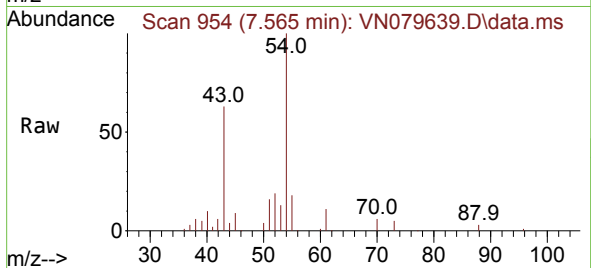




#37
Ethyl Acetate
Concen: 18.069 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

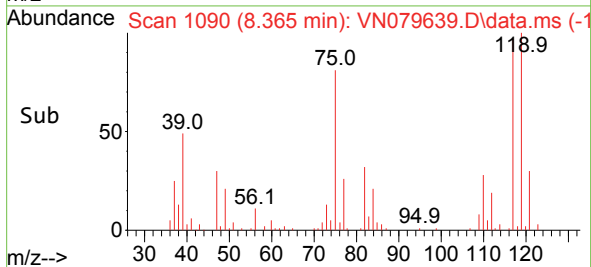
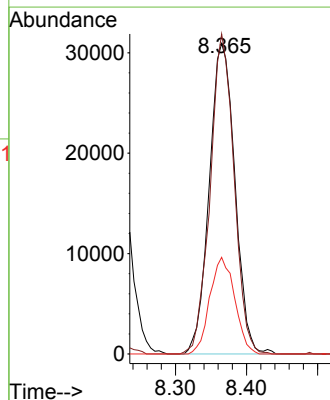
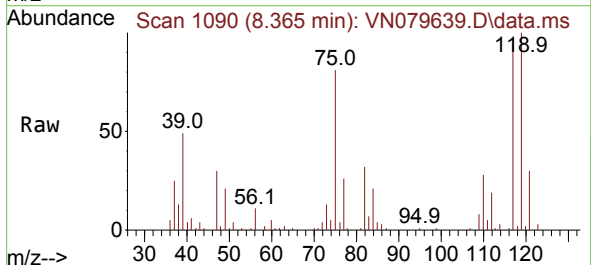
Instrument :
MSVOA_N
ClientSampleId :

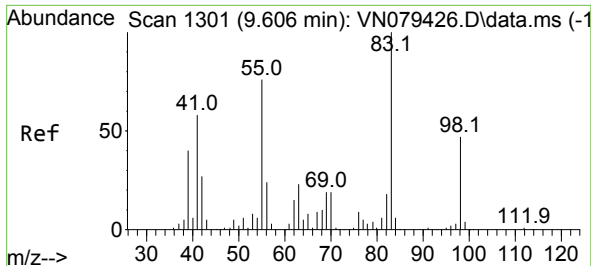
Tgt Ion: 43 Resp: 77633
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 9.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 17.912 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 117 Resp: 77426
Ion Ratio Lower Upper
117 100
119 103.1 77.3 115.9
121 31.2 23.3 34.9

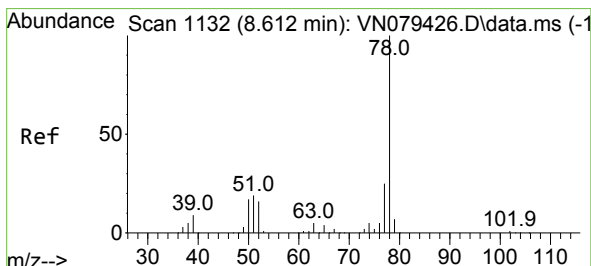
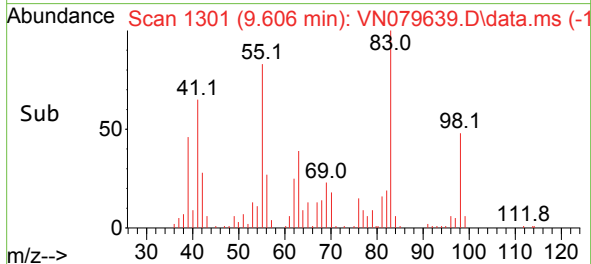
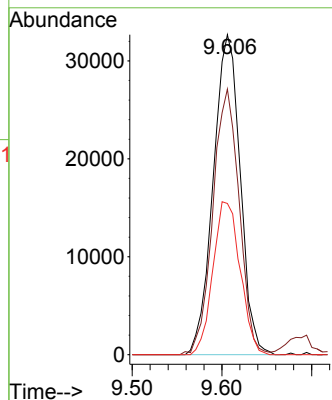
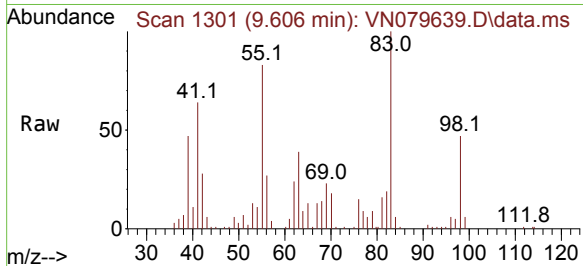




#39
Methylcyclohexane
Concen: 16.442 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

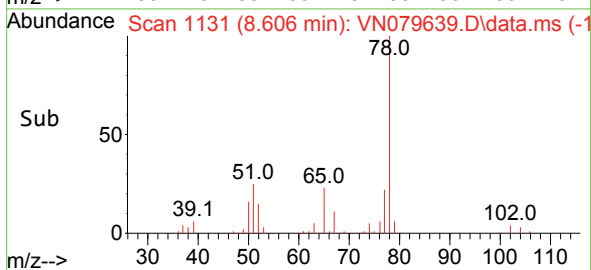
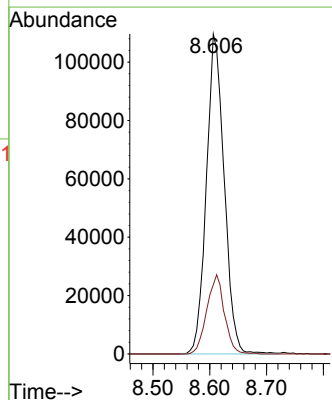
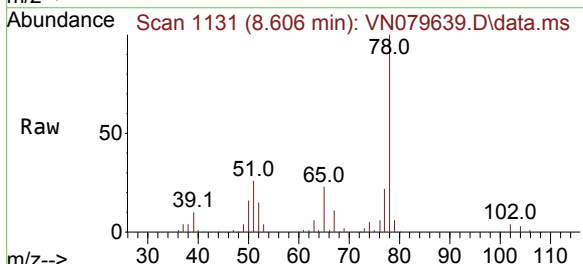
Instrument :
MSVOA_N
ClientSampleId :

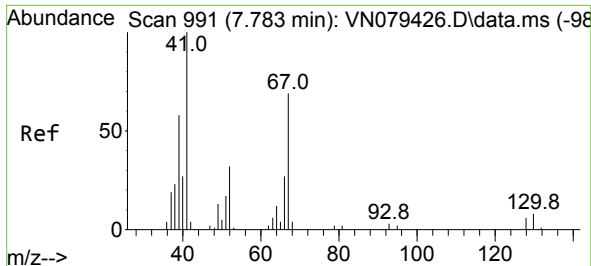
Tgt Ion: 83 Resp: 68209
Ion Ratio Lower Upper
83 100
55 83.0 49.1 73.7#
98 47.2 40.6 61.0



#40
Benzene
Concen: 18.584 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

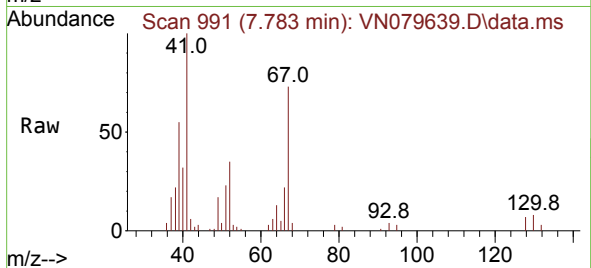
Tgt Ion: 78 Resp: 238306
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6



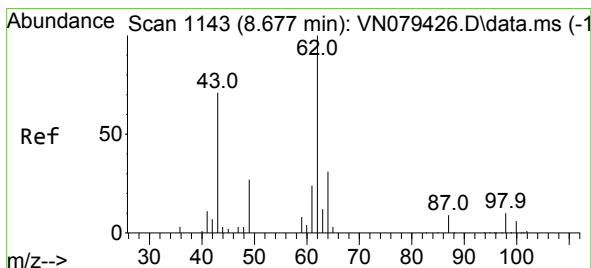
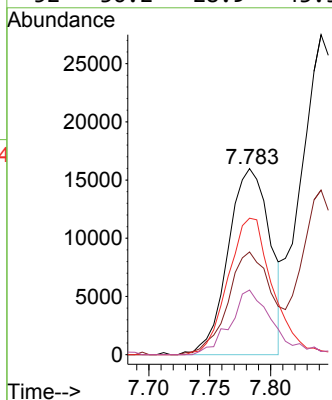
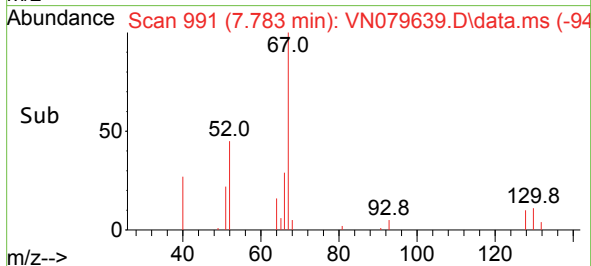


#41
Methacrylonitrile
Concen: 17.018 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :

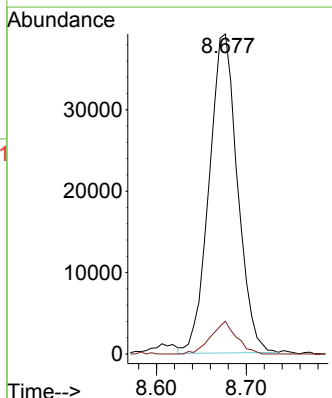
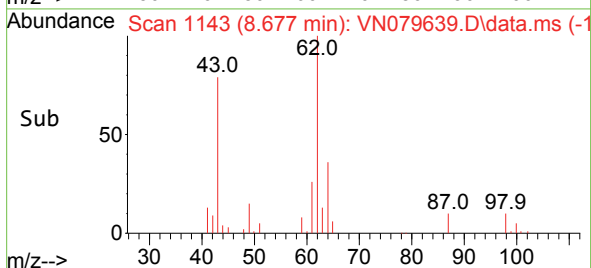
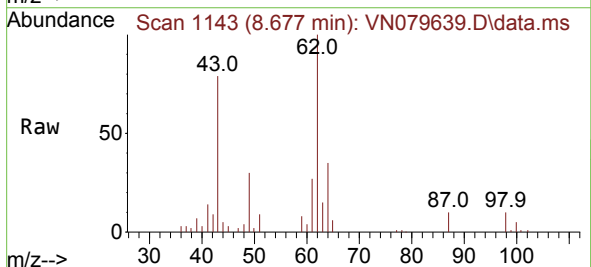


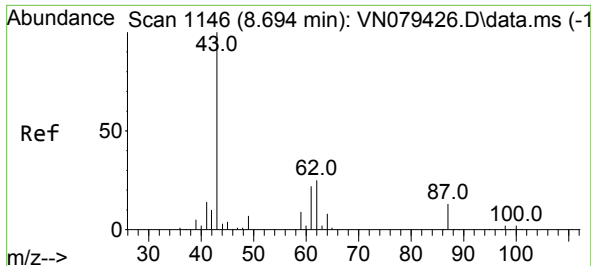
Tgt Ion: 41	Resp: 38439
Ion Ratio	Lower Upper
41 100	
39 58.5	42.6 64.0
67 78.1	77.5 116.3
52 36.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.468 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 62	Resp: 86054
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.8

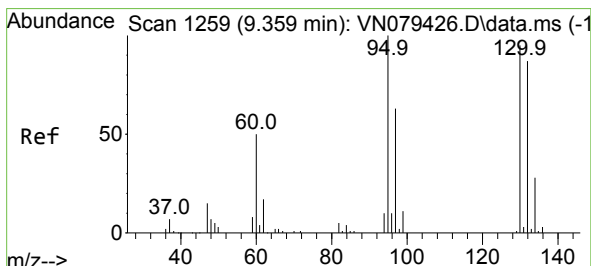
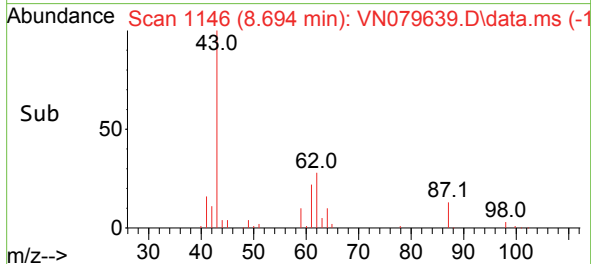
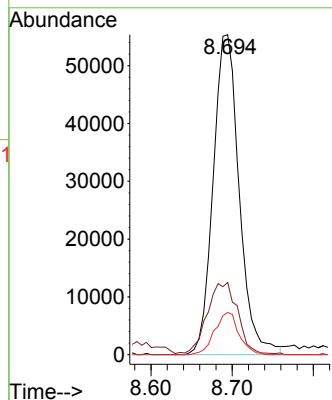
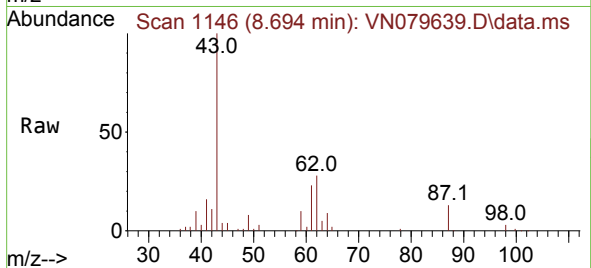




#43
Isopropyl Acetate
Concen: 16.395 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

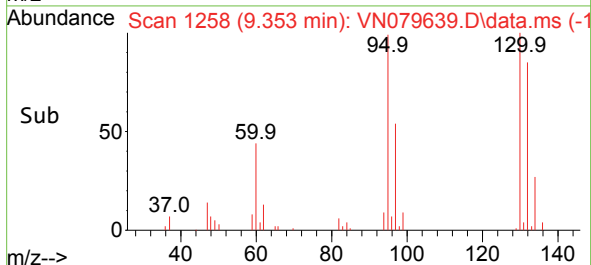
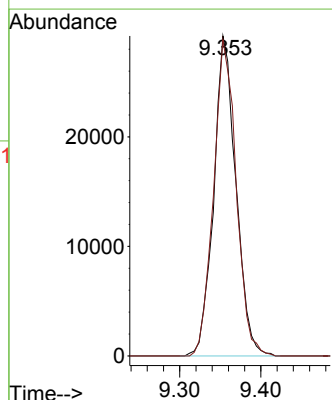
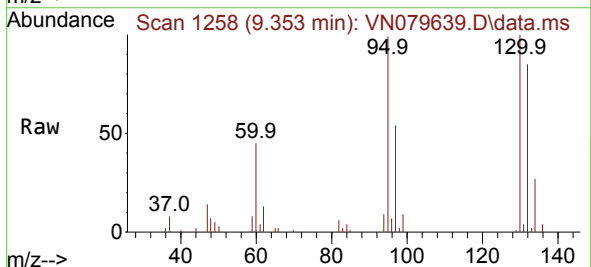
Instrument :
MSVOA_N
ClientSampleId :

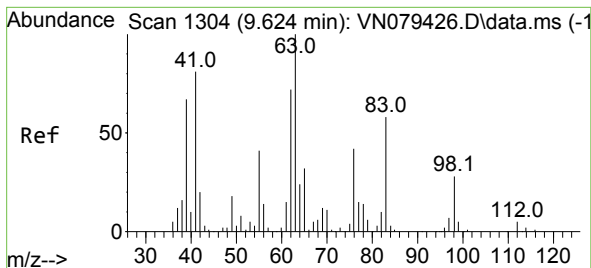
Tgt Ion: 43 Resp: 123406
Ion Ratio Lower Upper
43 100
61 26.5 24.7 37.1
87 12.3 14.6 21.8#



#44
Trichloroethene
Concen: 18.419 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:130 Resp: 55591
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.618 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

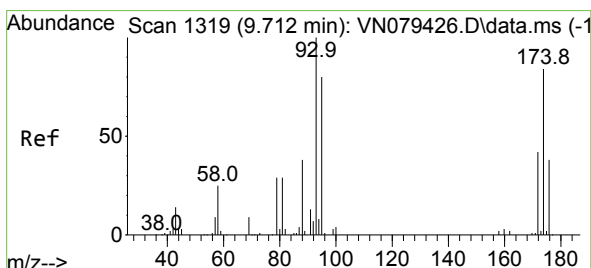
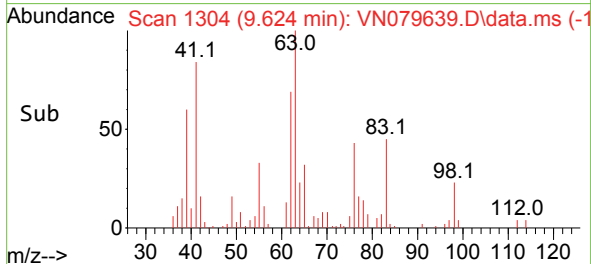
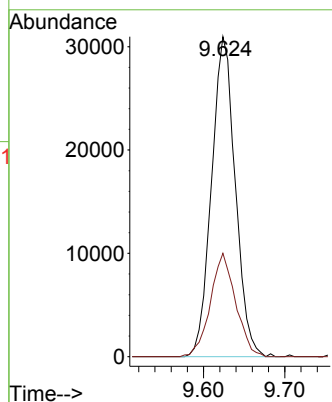
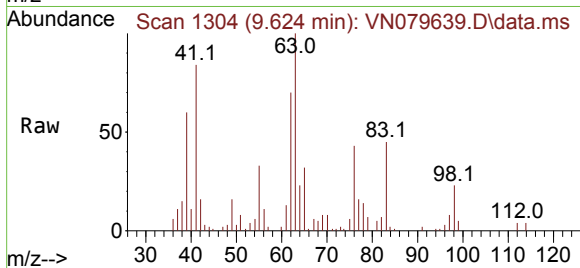
ClientSampleId :

Tgt Ion: 63 Resp: 62903

Ion Ratio Lower Upper

63 100

65 32.3 23.9 35.9



#46

Dibromomethane

Concen: 19.390 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

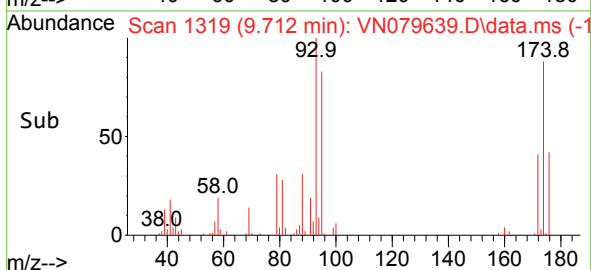
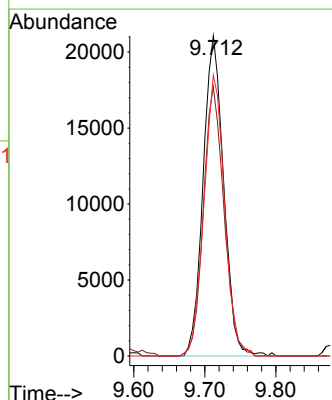
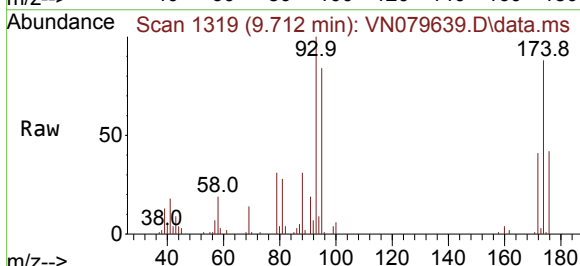
Tgt Ion: 93 Resp: 42429

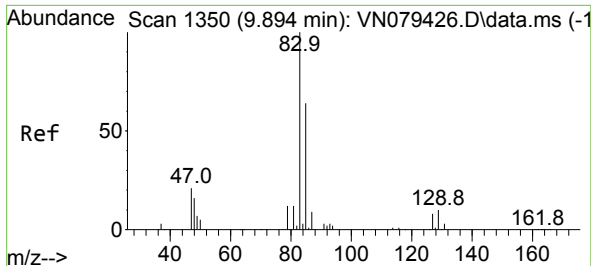
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

174 88.0 65.6 98.4

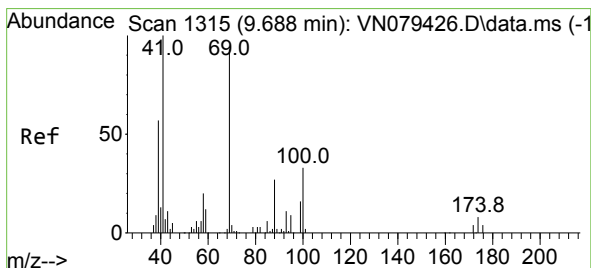
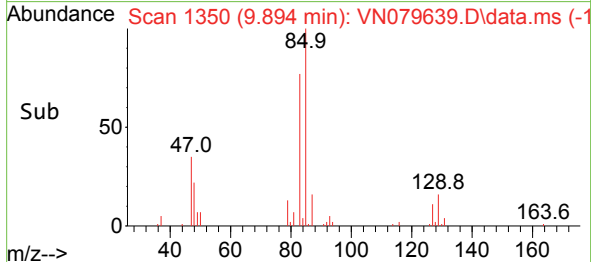
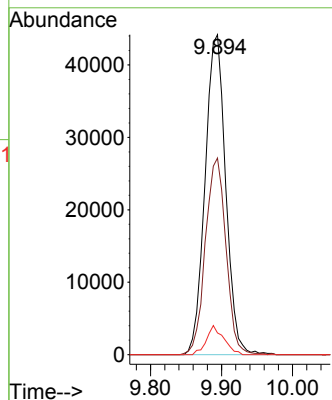
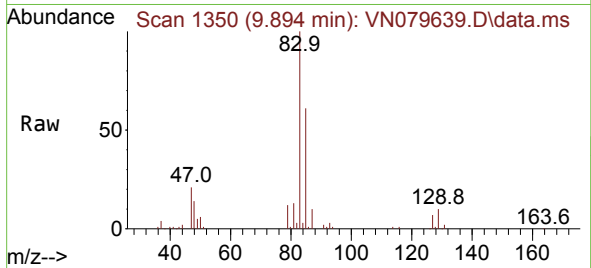




#47
Bromodichloromethane
Concen: 19.826 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

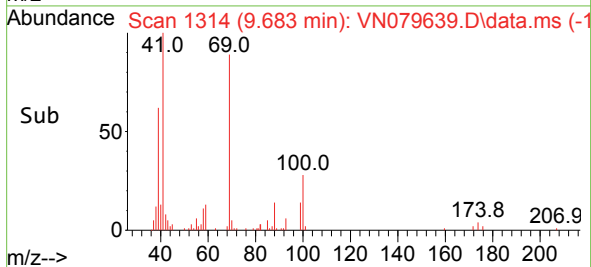
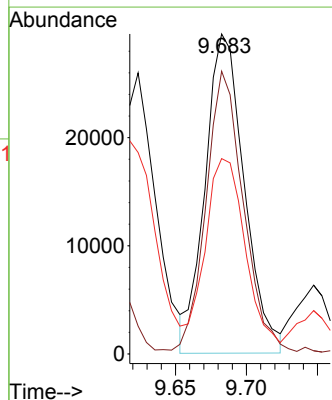
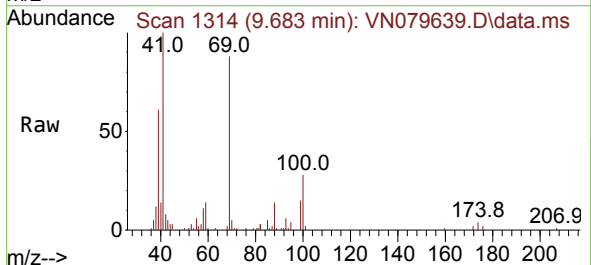
Instrument :
MSVOA_N
ClientSampleId :

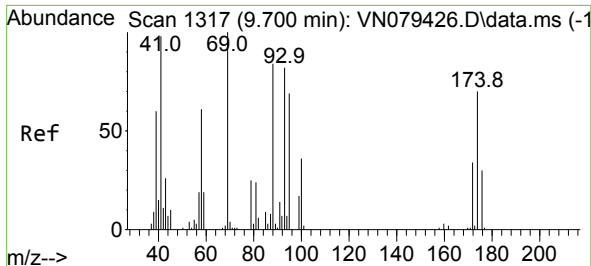
Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	49.6	74.4
127	6.8	7.0	10.6



#48
Methyl methacrylate
Concen: 17.527 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.7	90.4	135.6
39	64.6	54.6	81.8





#49

1,4-Dioxane

Concen: 323.802 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

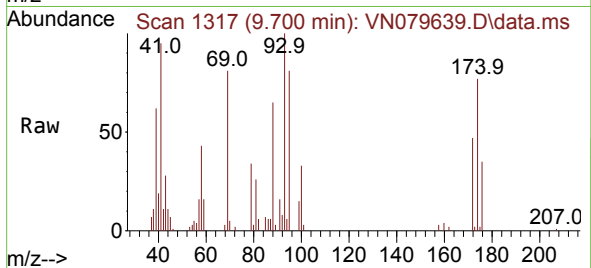
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



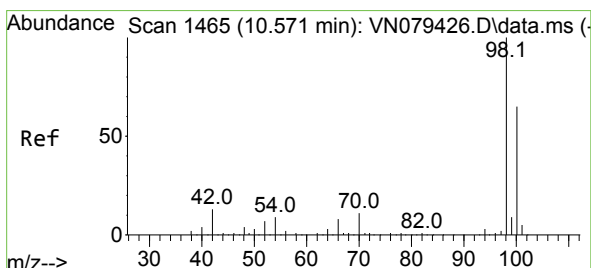
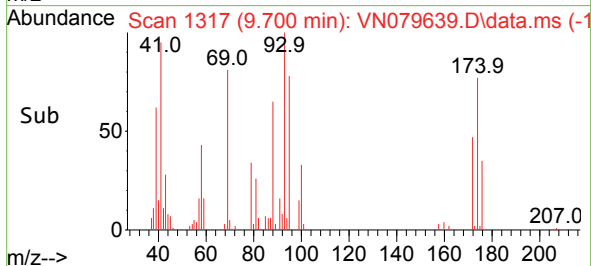
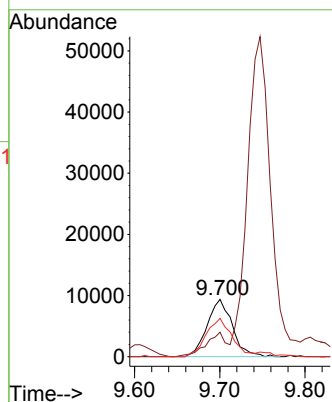
Tgt Ion: 88 Resp: 19238

Ion Ratio Lower Upper

88 100

43 34.7 17.0 25.6#

58 69.0 47.0 70.4



#50

Toluene-d8

Concen: 52.177 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079639.D

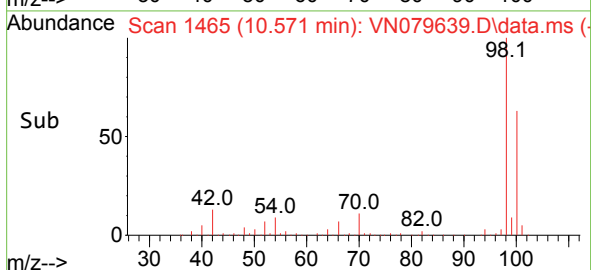
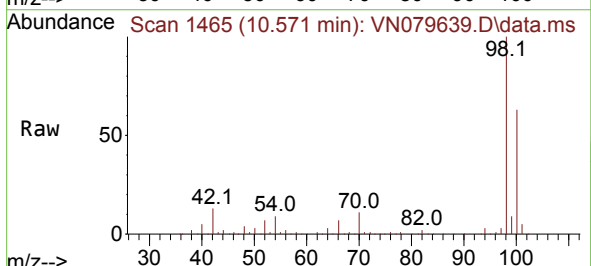
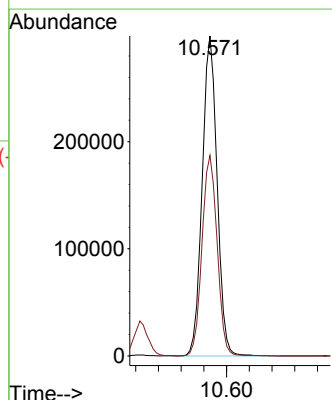
Acq: 23 Oct 2023 11:24

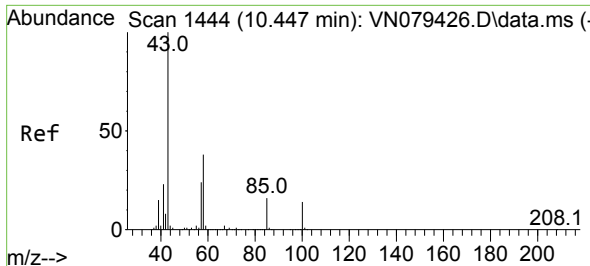
Tgt Ion: 98 Resp: 543139

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

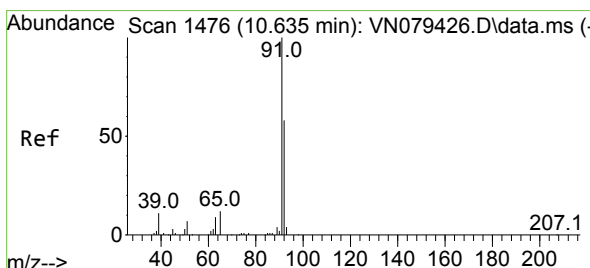
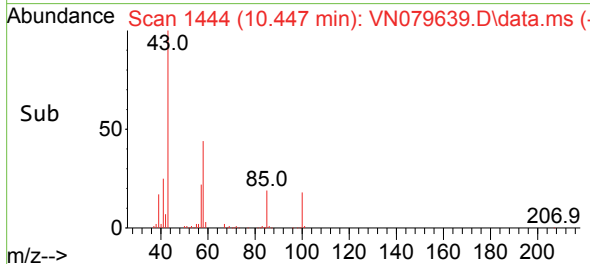
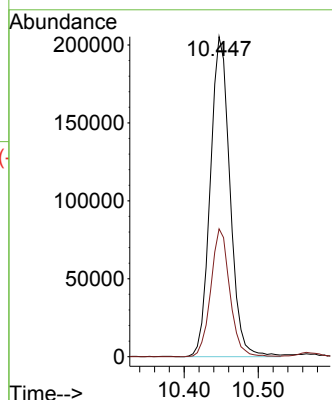
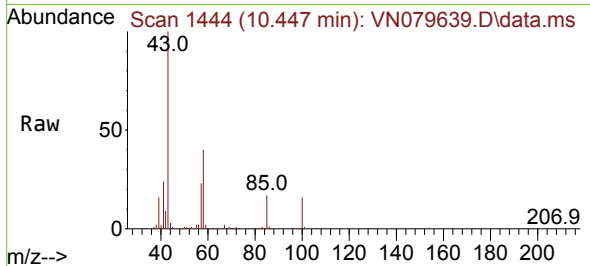




#51
4-Methyl-2-Pentanone
Concen: 89.109 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

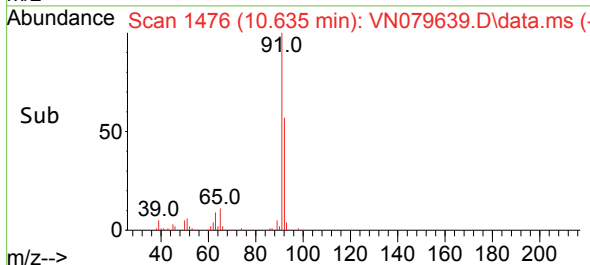
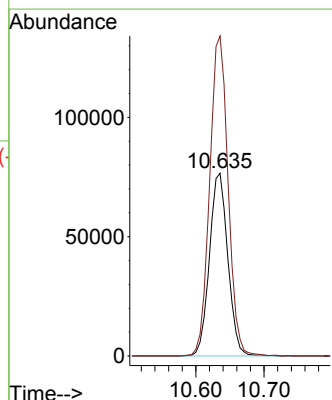
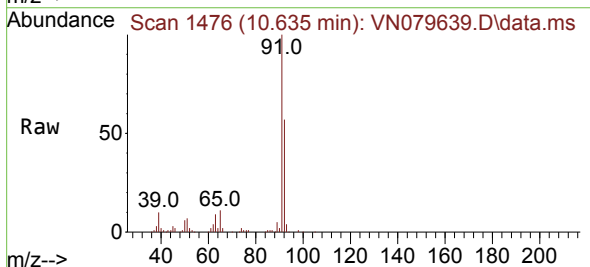
Instrument :
MSVOA_N
ClientSampleId :

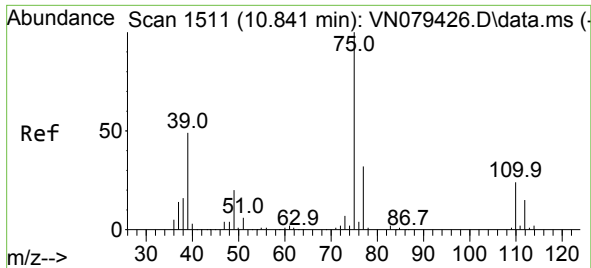
Tgt Ion: 43 Resp: 378631
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 19.055 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 92 Resp: 143829
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

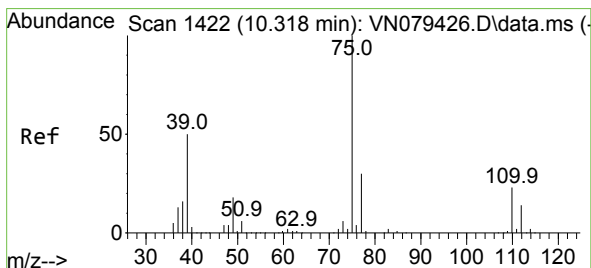
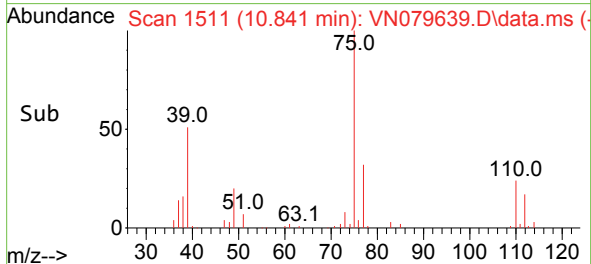
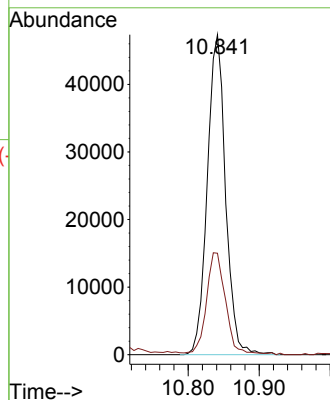
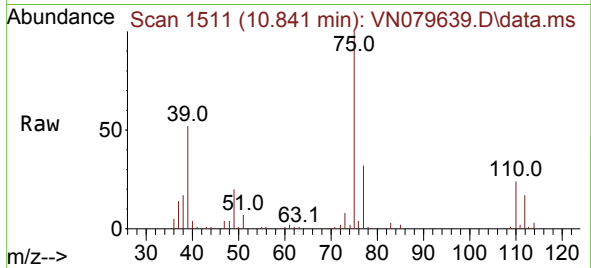




#53
 t-1,3-Dichloropropene
 Concen: 18.667 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

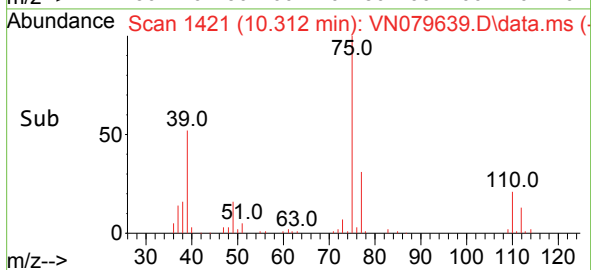
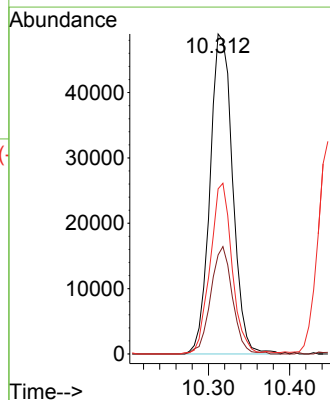
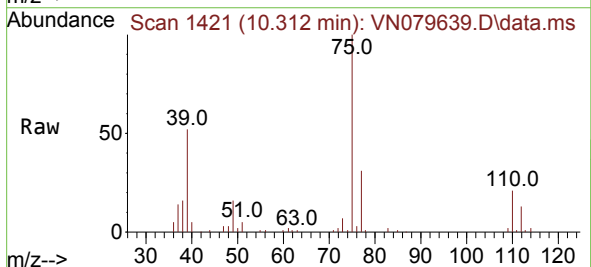
Instrument :
 MSVOA_N
 ClientSampleId :

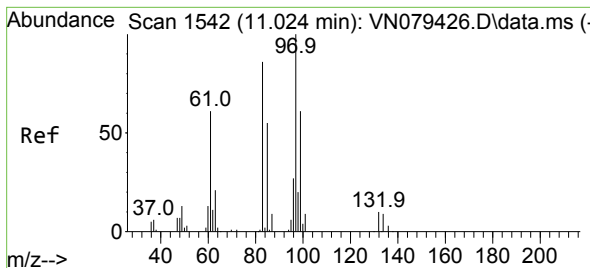
Tgt Ion: 75 Resp: 84674
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.120 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion: 75 Resp: 94945
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.1 39.1
 39 51.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.858 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.000 min

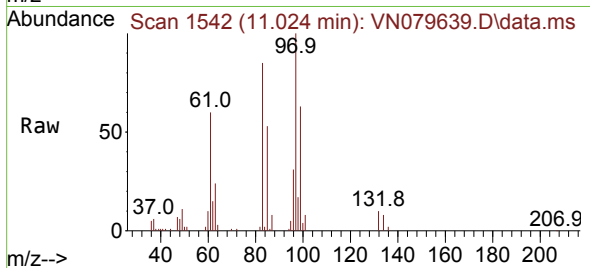
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 60176

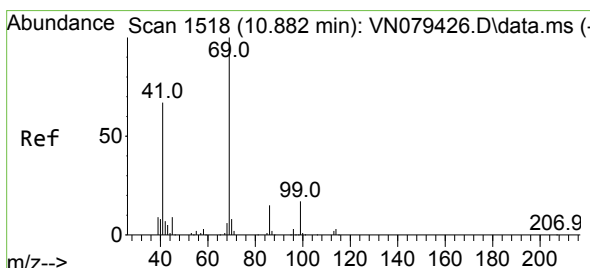
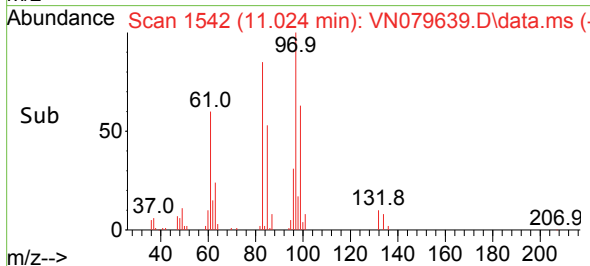
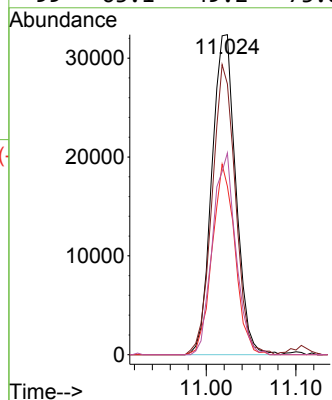
Ion Ratio Lower Upper

97 100

83 84.6 65.1 97.7

85 52.6 43.4 65.2

99 63.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.564 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.005 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

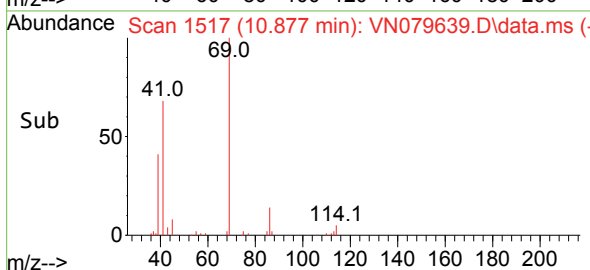
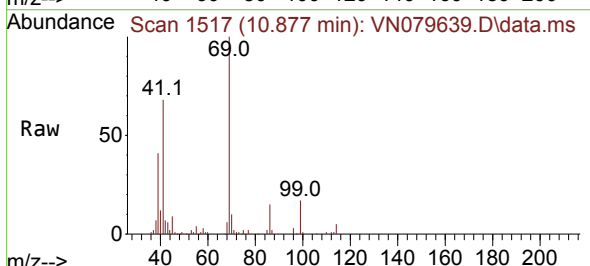
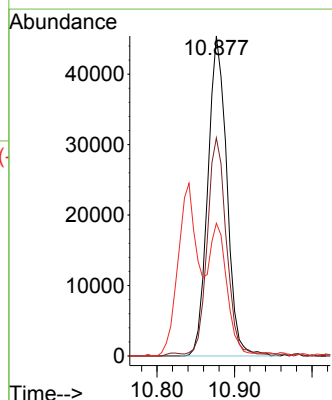
Tgt Ion: 69 Resp: 77301

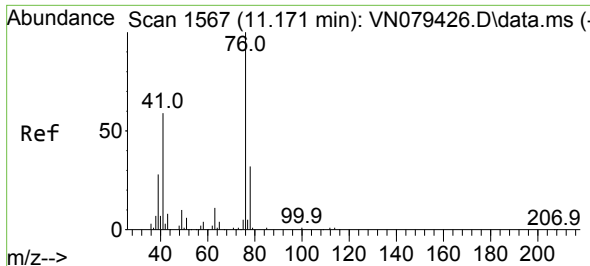
Ion Ratio Lower Upper

69 100

41 66.9 39.6 59.4#

39 38.8 28.6 43.0

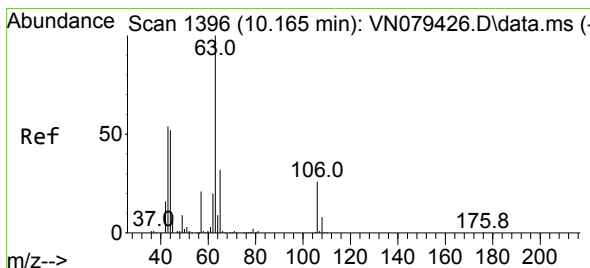
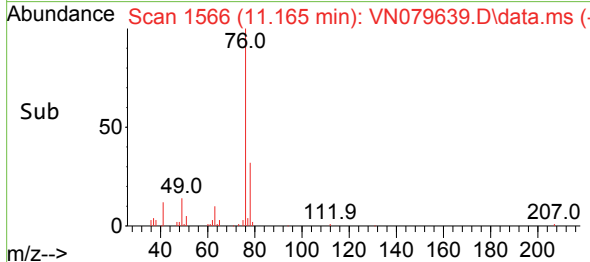
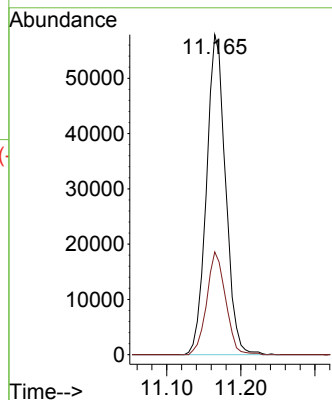
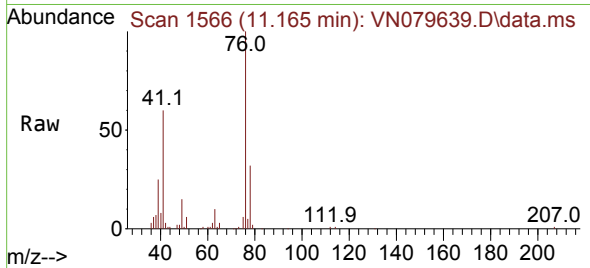




#57
1,3-Dichloropropane
Concen: 19.769 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

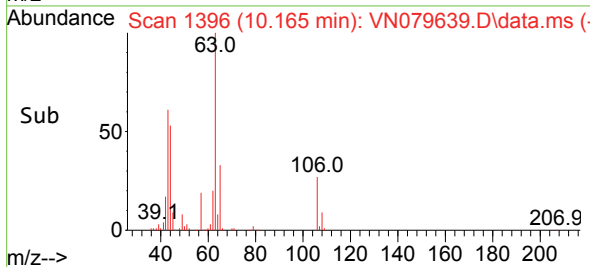
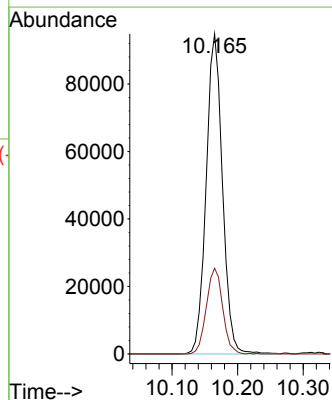
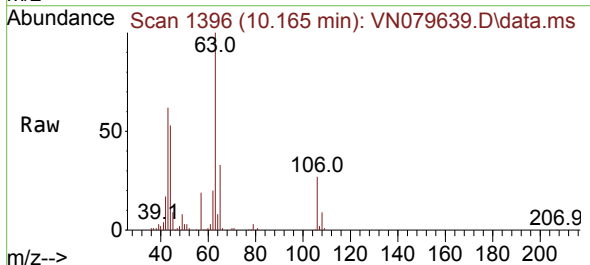
Instrument :
MSVOA_N
ClientSampleId :

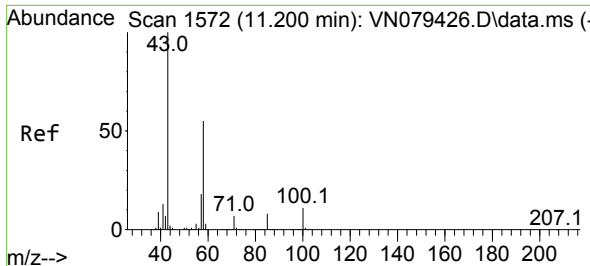
Tgt Ion: 76 Resp: 103446
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 102.864 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 63 Resp: 164039
Ion Ratio Lower Upper
63 100
106 26.7 26.2 39.4

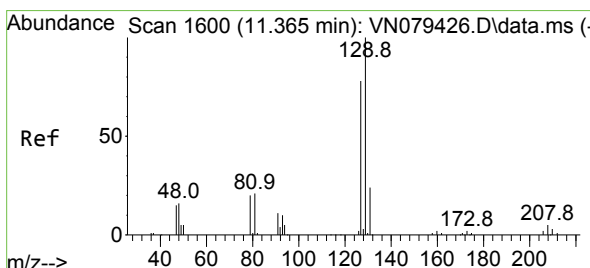
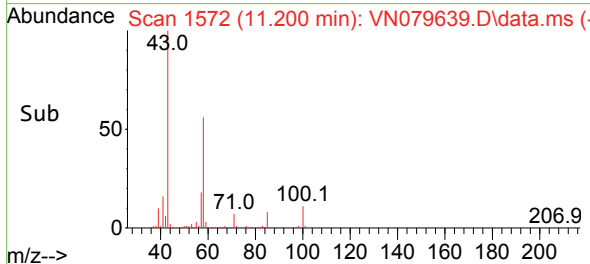
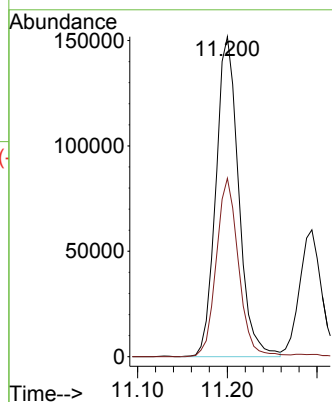
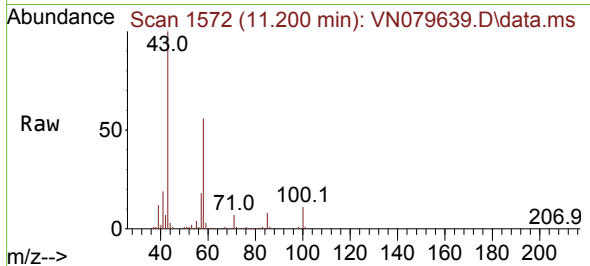




#59
2-Hexanone
Concen: 87.170 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

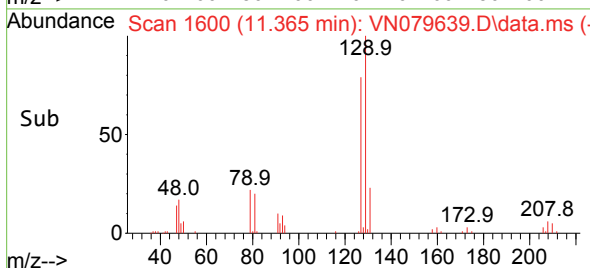
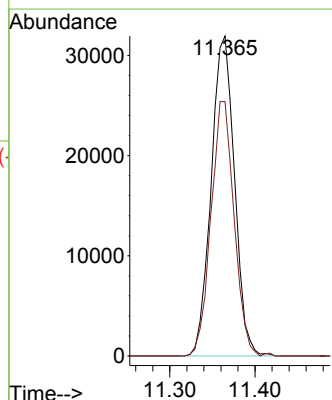
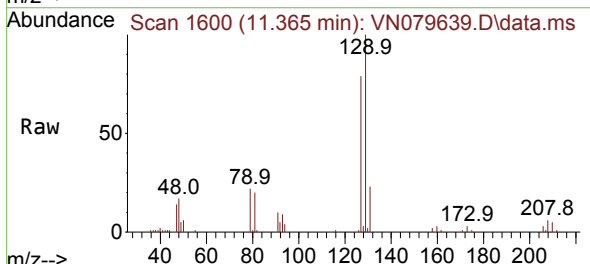
Instrument :
MSVOA_N
ClientSampleId :

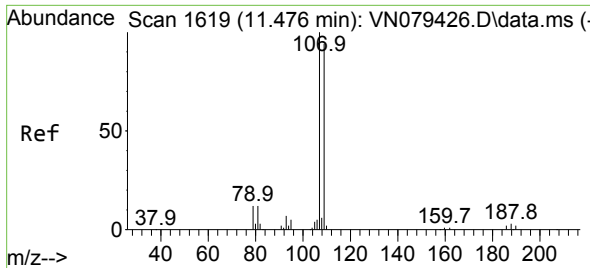
Tgt Ion: 43 Resp: 267278
Ion Ratio Lower Upper
43 100
58 54.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.964 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:129 Resp: 60803
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

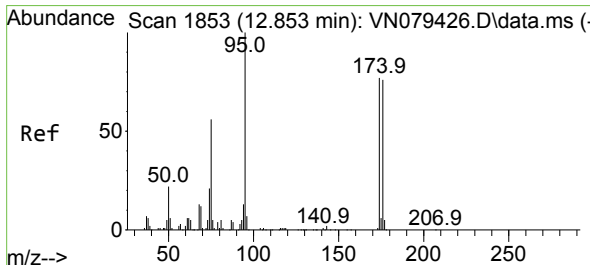
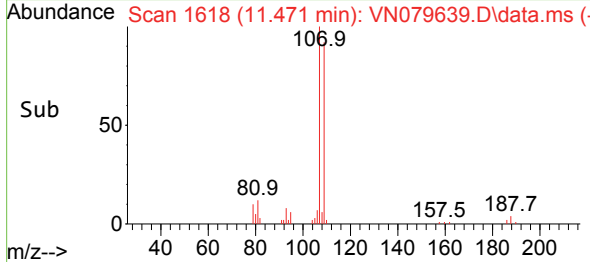
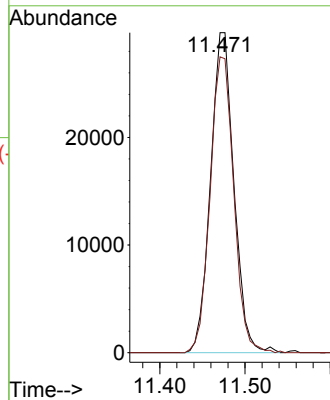
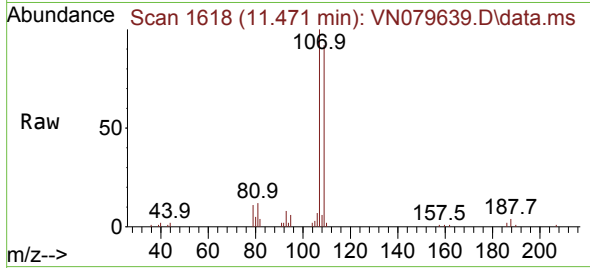




#61
1,2-Dibromoethane
Concen: 18.863 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

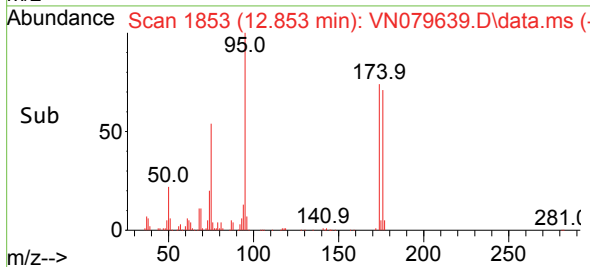
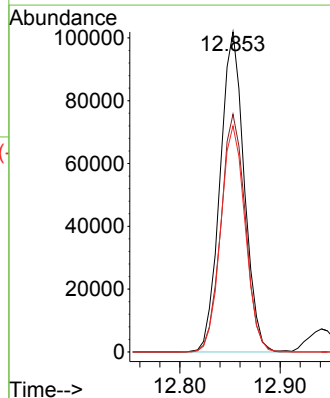
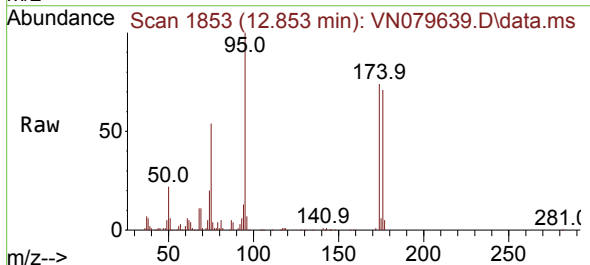
Instrument :
MSVOA_N
ClientSampleId :

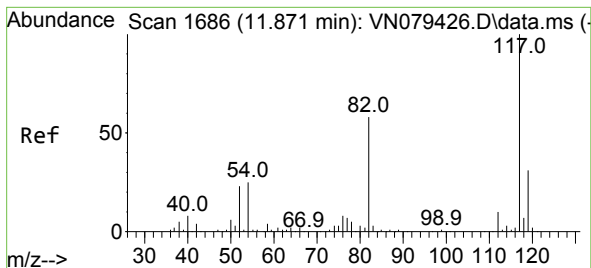
Tgt Ion:107 Resp: 56727
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.768 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 95 Resp: 169598
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

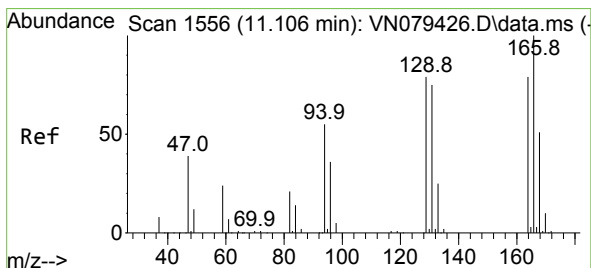
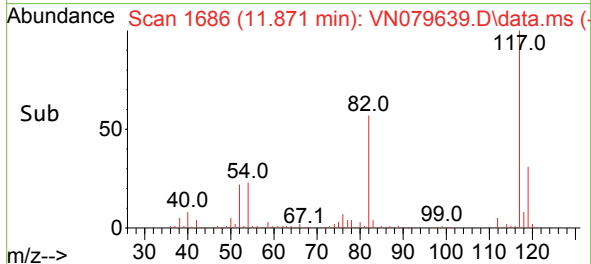
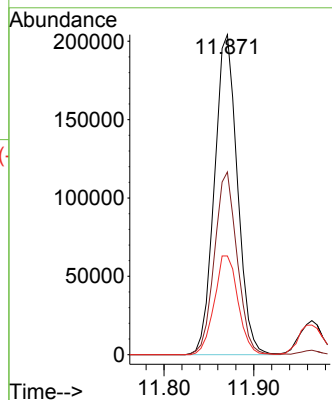
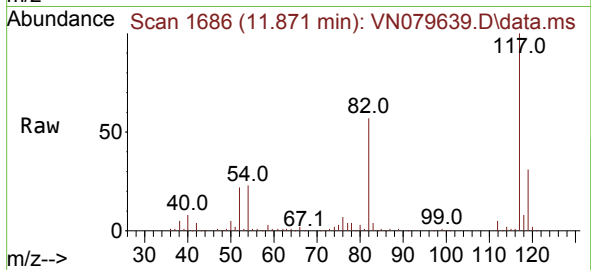
Tgt Ion:117 Resp: 362994

Ion Ratio Lower Upper

117 100

82 57.1 44.0 66.0

119 30.8 25.6 38.4



#64

Tetrachloroethene

Concen: 18.175 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Tgt Ion:164 Resp: 45386

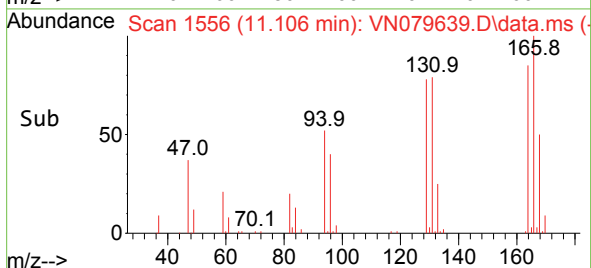
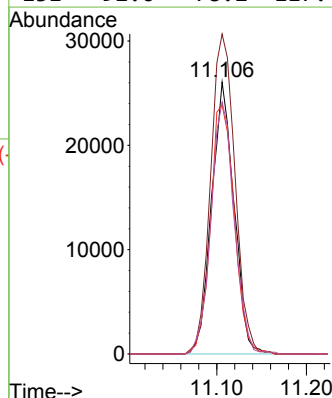
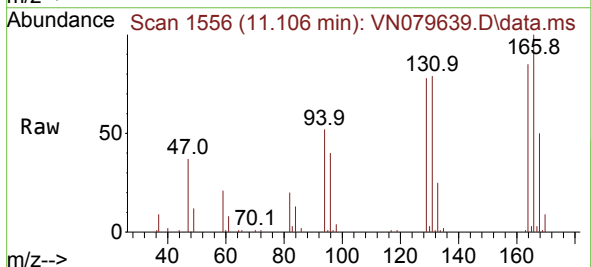
Ion Ratio Lower Upper

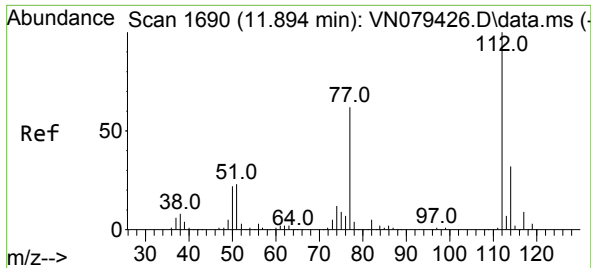
164 100

166 117.7 101.4 152.0

129 91.6 82.4 123.6

131 92.6 78.2 117.4

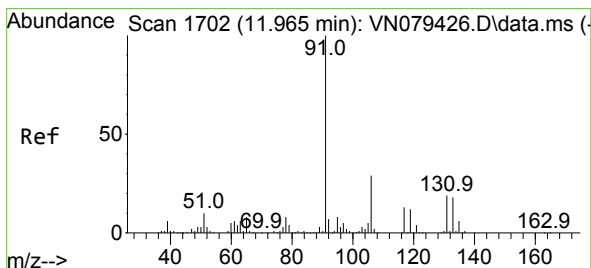
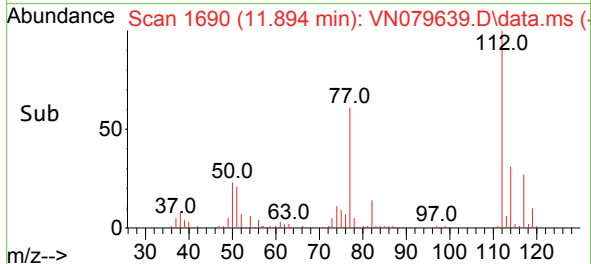
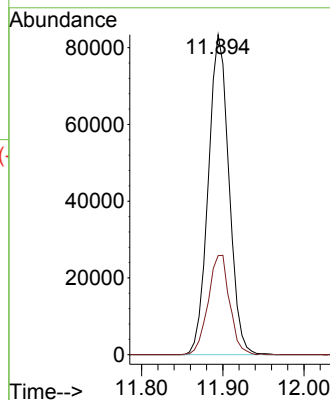
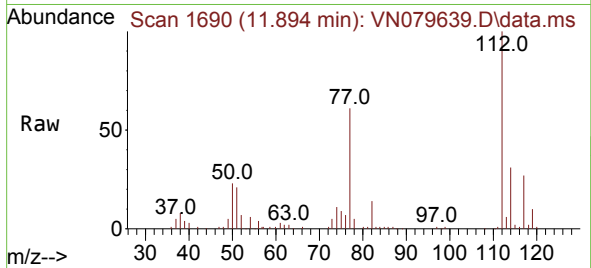




#65
Chlorobenzene
Concen: 18.247 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

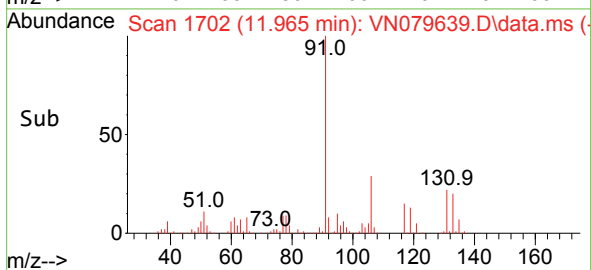
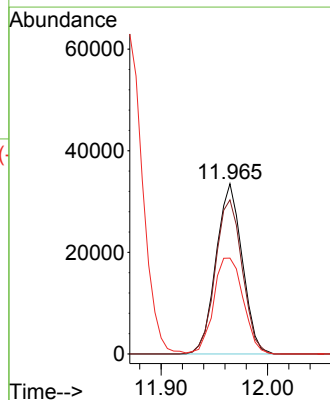
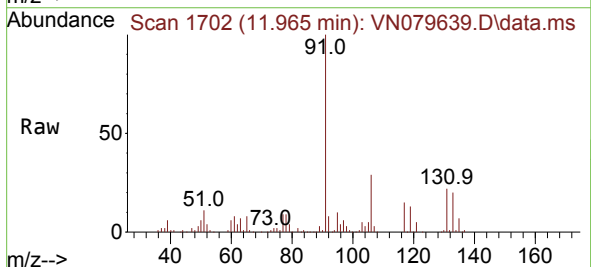
Instrument :
MSVOA_N
ClientSampleId :

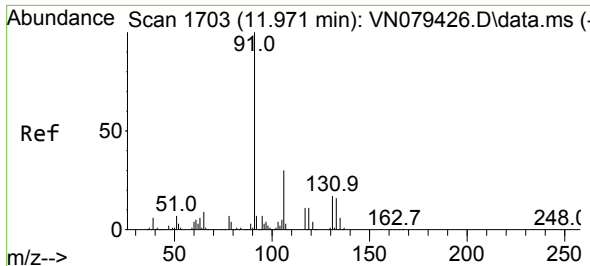
Tgt Ion:112 Resp: 147511
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.346 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:131 Resp: 57262
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 63.6 34.1 102.2

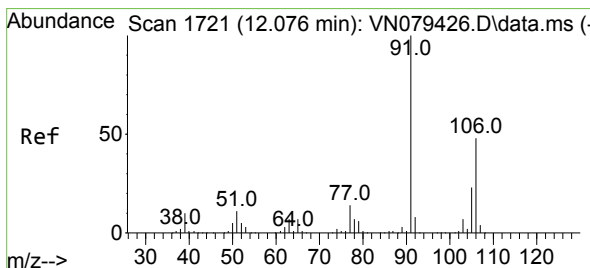
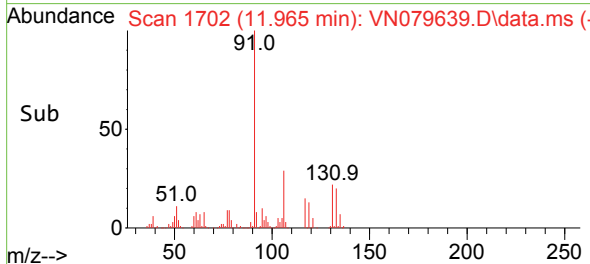
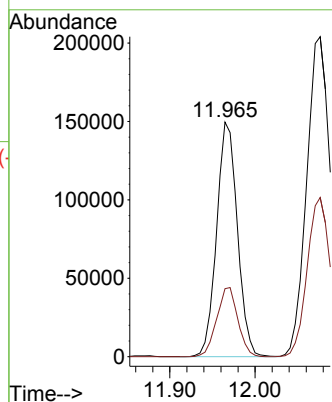
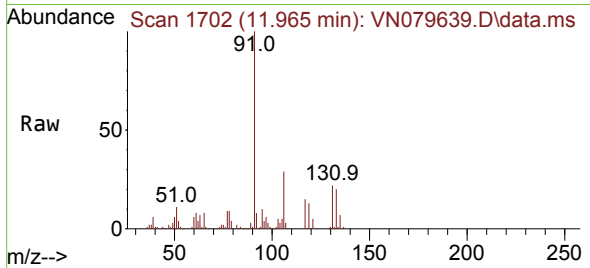




#67
Ethyl Benzene
Concen: 18.018 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

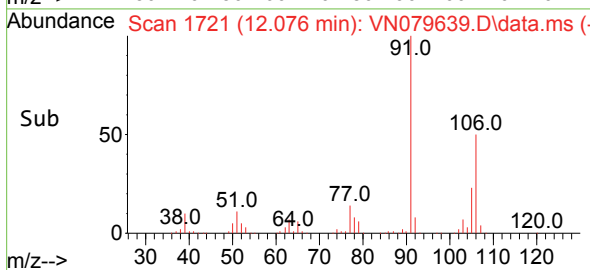
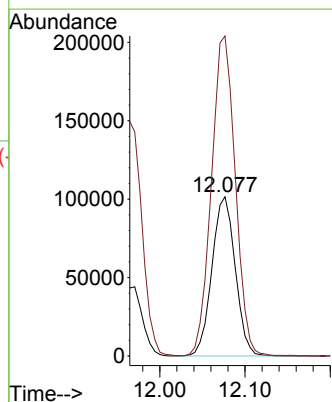
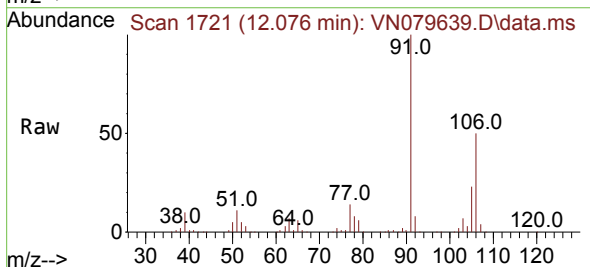
Instrument :
MSVOA_N
ClientSampleId :

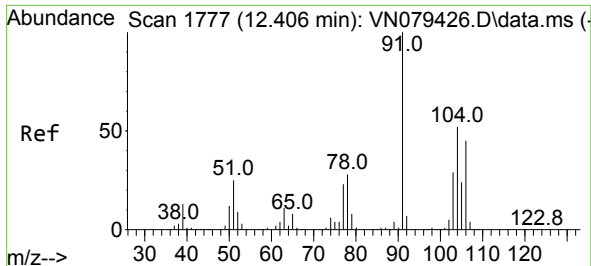
Tgt Ion: 91 Resp: 253162
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4



#68
m/p-Xylenes
Concen: 37.749 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:106 Resp: 192721
Ion Ratio Lower Upper
106 100
91 206.6 159.6 239.4

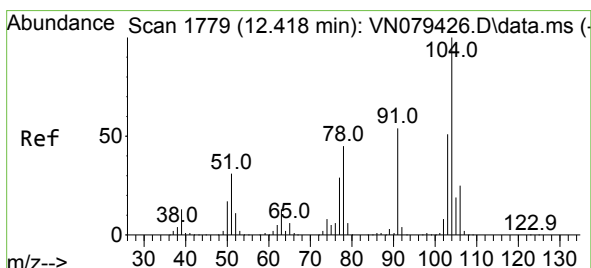
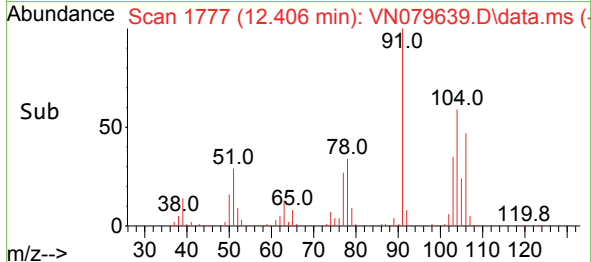
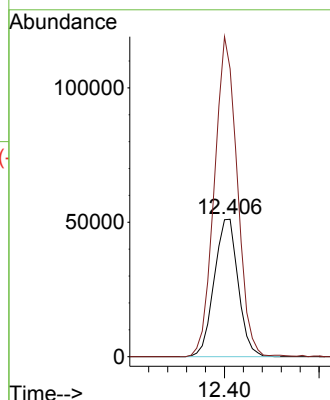
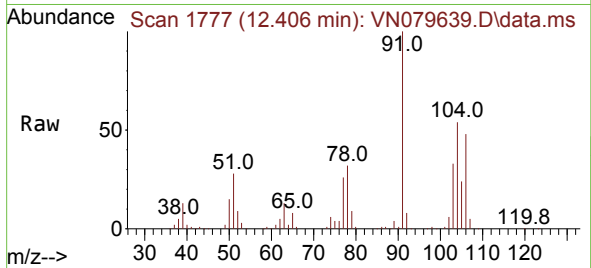




#69
o-Xylene
Concen: 17.893 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

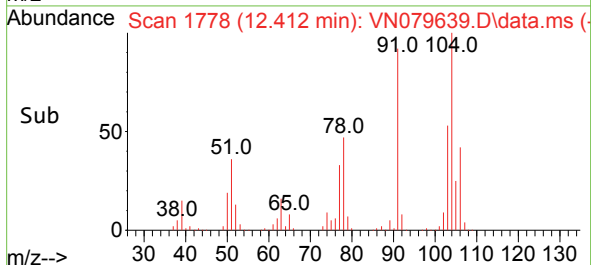
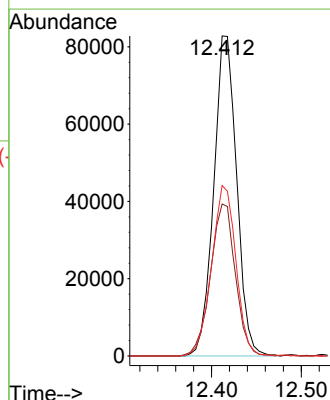
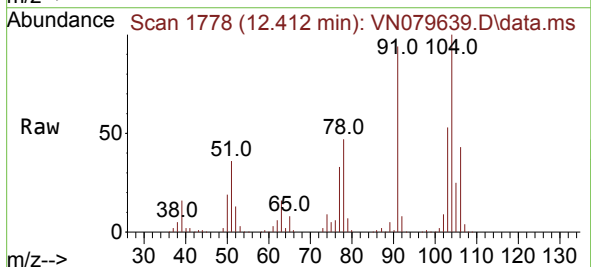
Instrument :
MSVOA_N
ClientSampleId :

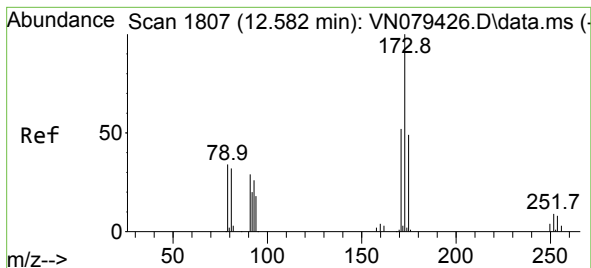
Tgt Ion:106 Resp: 89838
Ion Ratio Lower Upper
106 100
91 222.3 105.2 315.5



#70
Styrene
Concen: 18.548 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:104 Resp: 147098
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 18.248 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079639.D

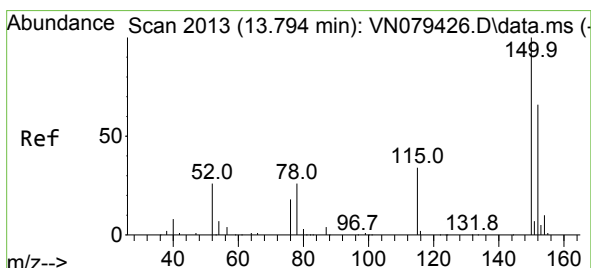
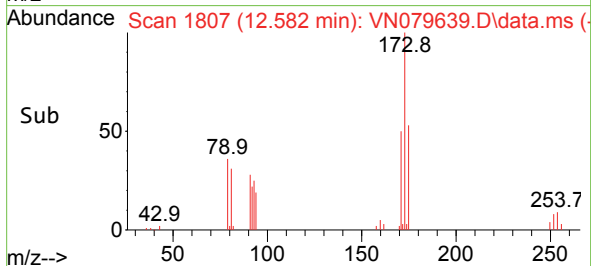
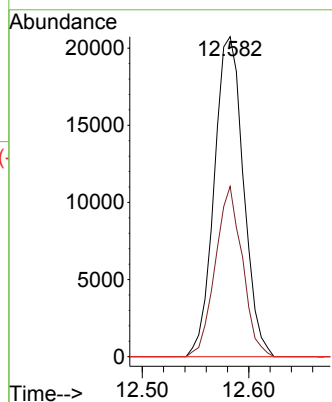
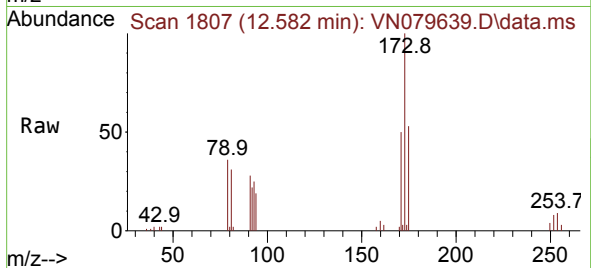
Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	39531
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

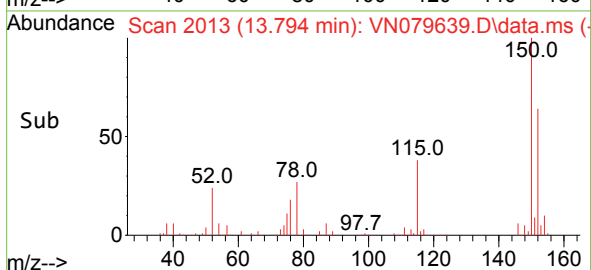
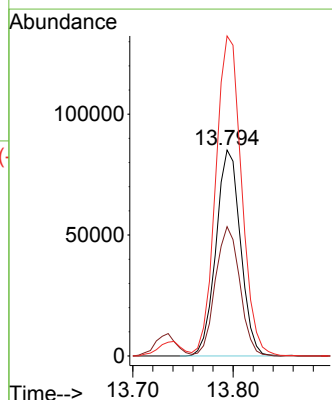
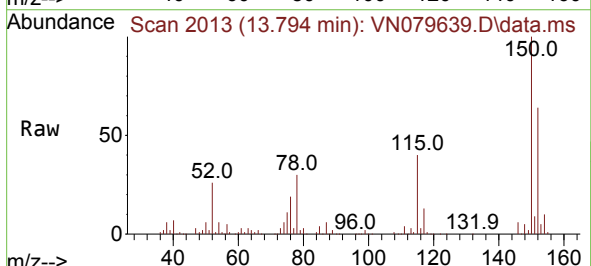
RT: 13.794 min Scan# 2013

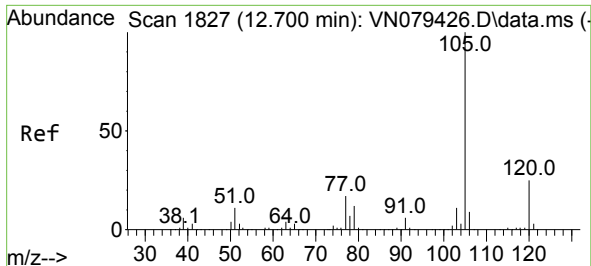
Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Tgt Ion:	152	Resp:	144576
Ion Ratio	Lower	Upper	
152	100		
115	62.7	32.3	96.8
150	163.7	0.0	355.8

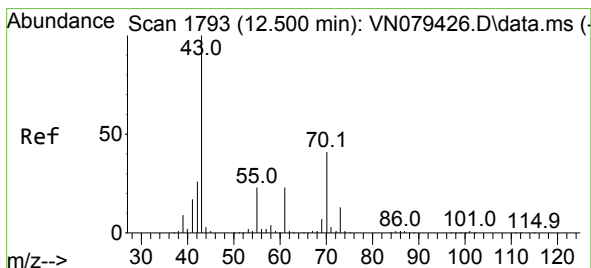
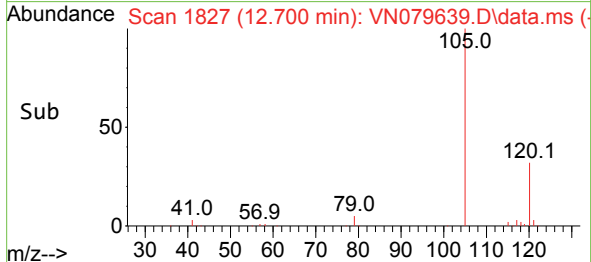
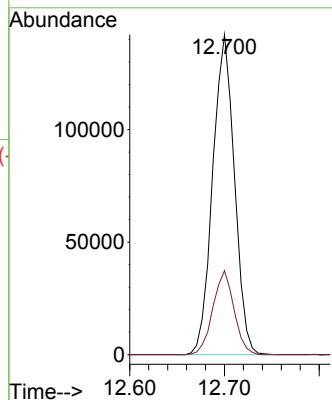
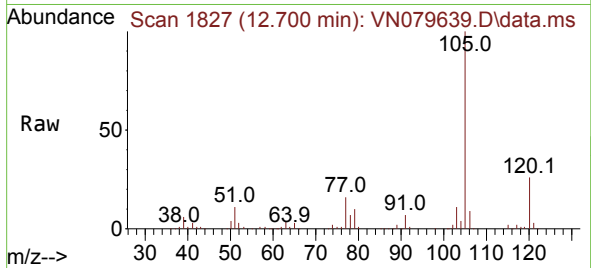




#73
Isopropylbenzene
Concen: 16.856 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

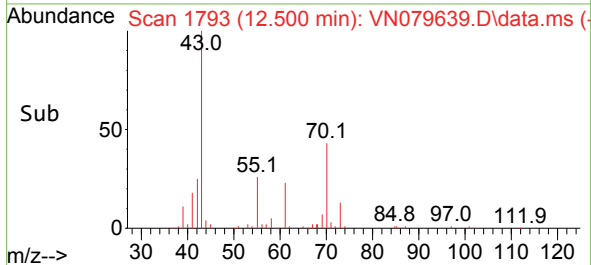
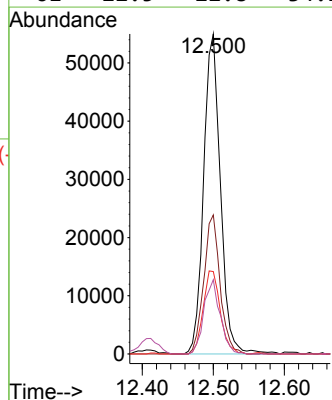
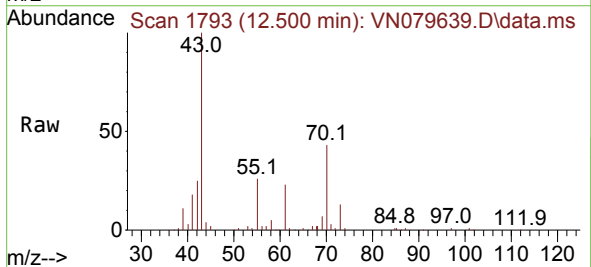
Instrument :
MSVOA_N
ClientSampleId :

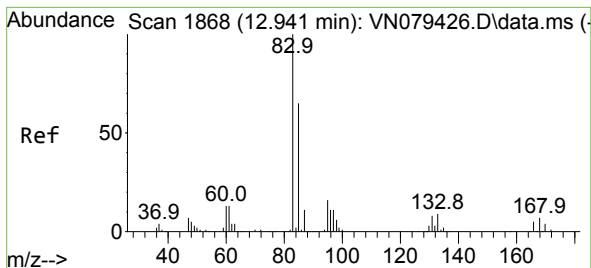
Tgt Ion:105 Resp: 226719
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 16.445 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 43 Resp: 90678
Ion Ratio Lower Upper
43 100
70 42.1 43.4 65.2#
55 26.4 21.4 32.0
61 22.5 22.8 34.2#

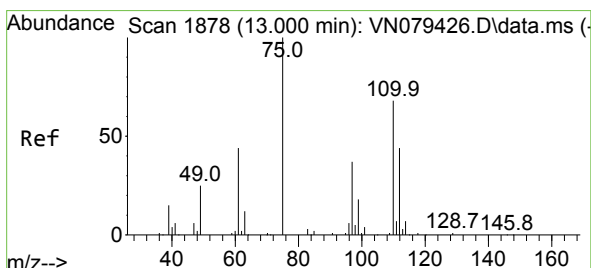
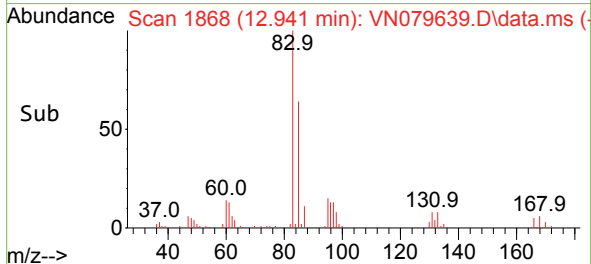
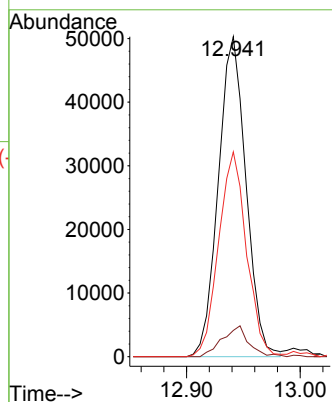
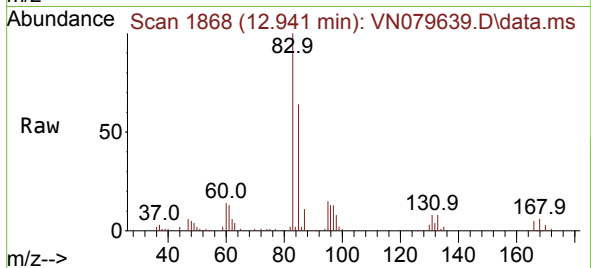




#75
 1,1,2-Tetrachloroethane
 Concen: 18.867 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

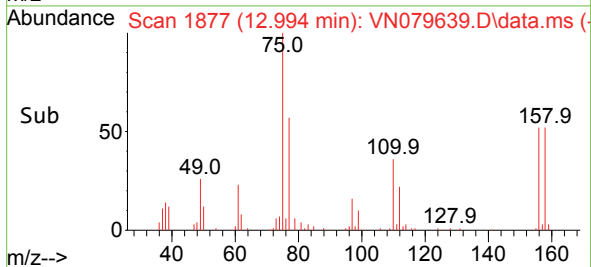
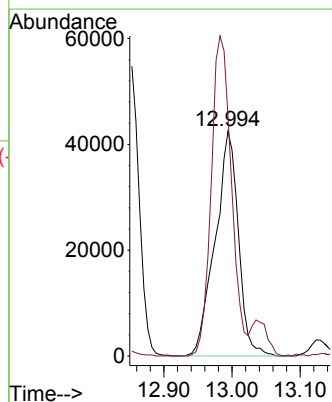
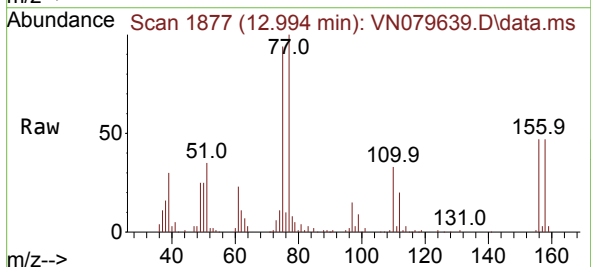
Instrument :
 MSVOA_N
 ClientSampleId :

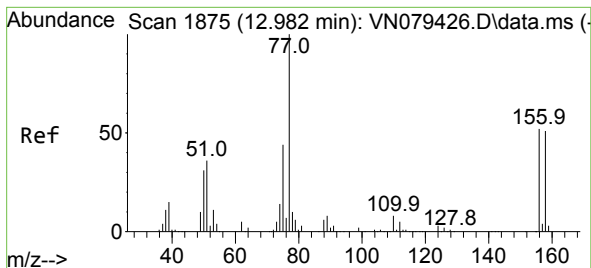
Tgt Ion: 83 Resp: 85193
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 15.0
 85 64.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 24.164 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion: 75 Resp: 100728
 Ion Ratio Lower Upper
 75 100
 77 124.0 84.5 253.5





#77

Bromobenzene

Concen: 17.115 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079639.D

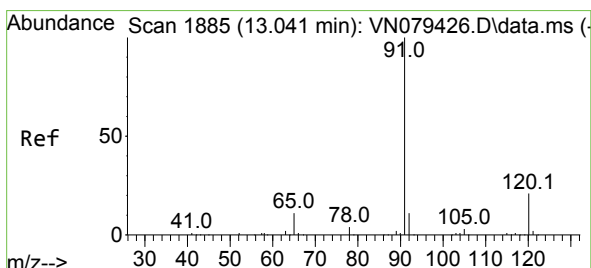
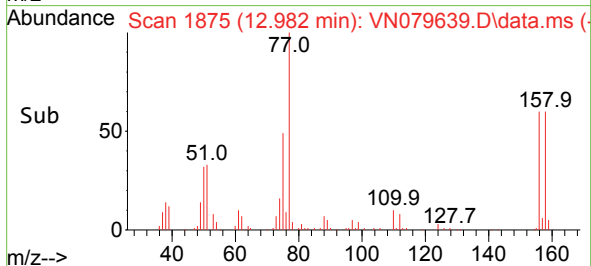
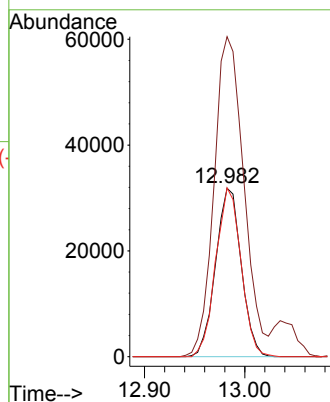
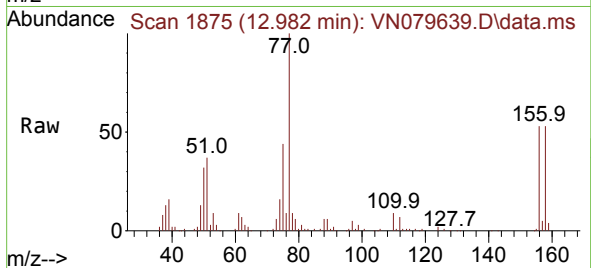
Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	56444
Ion Ratio	Lower	Upper	
156	100		
77	221.2	107.7	323.3
158	98.8	48.4	145.3



#78

n-propylbenzene

Concen: 17.805 ug/l

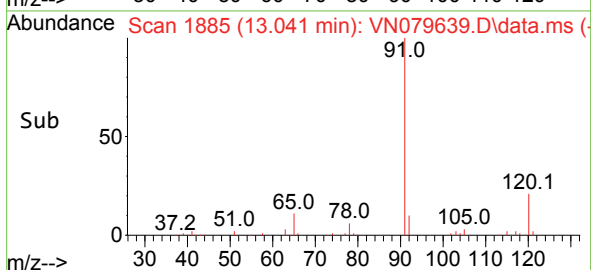
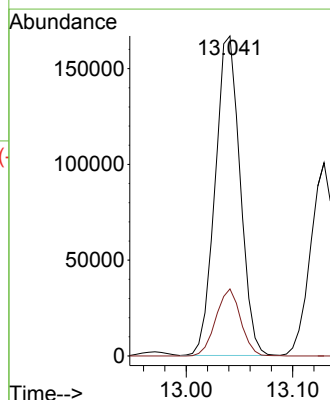
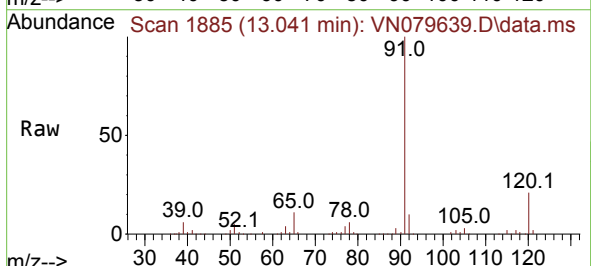
RT: 13.041 min Scan# 1885

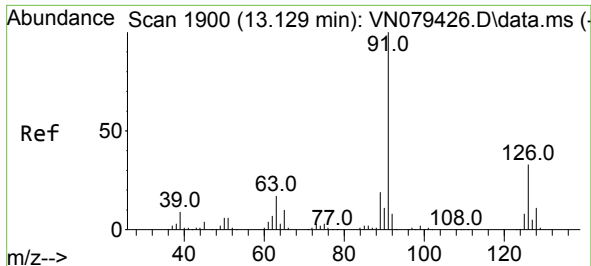
Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Tgt Ion:	91	Resp:	270955
Ion Ratio	Lower	Upper	
91	100		
120	20.8	11.5	34.4

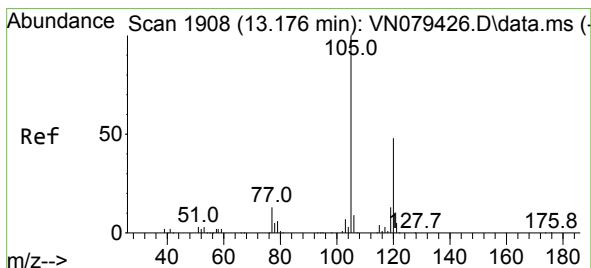
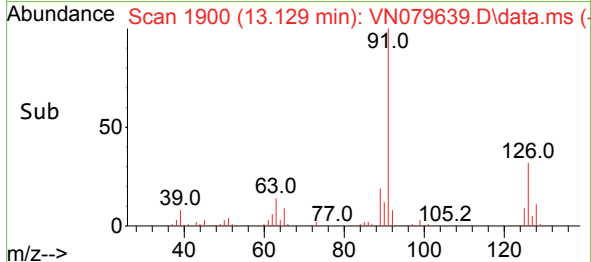
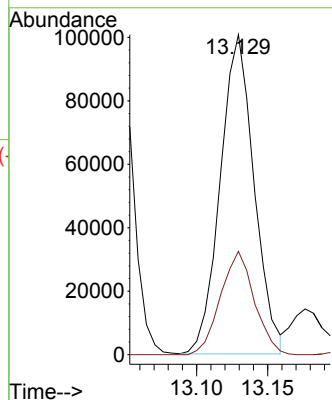
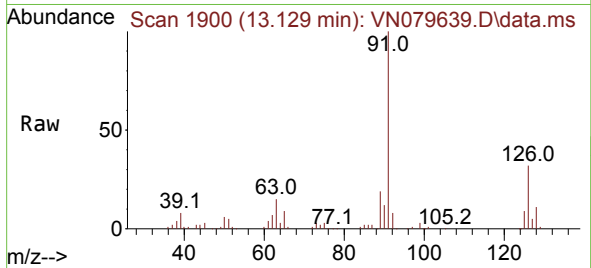




#79
2-Chlorotoluene
Concen: 17.113 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

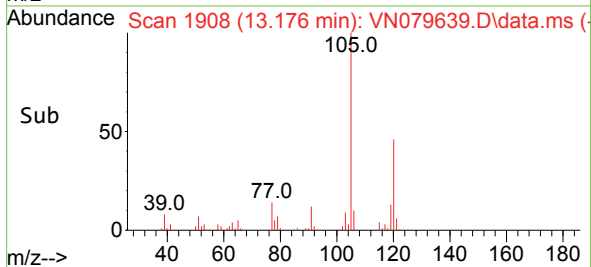
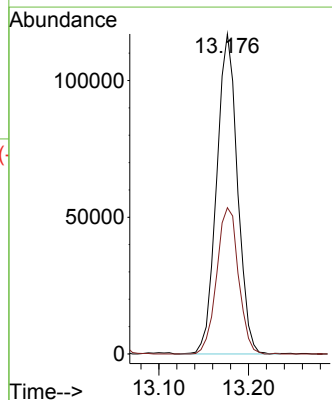
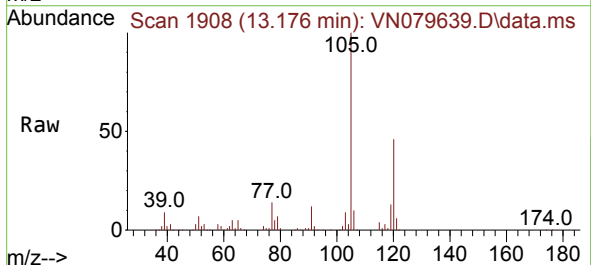
Instrument :
MSVOA_N
ClientSampleId :

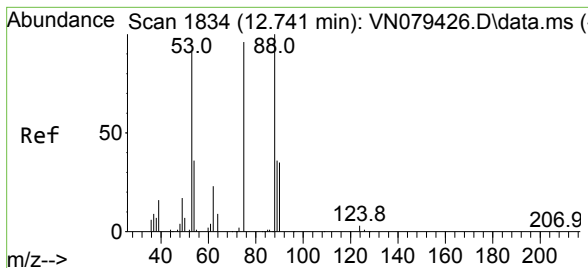
Tgt Ion: 91 Resp: 166641
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 17.802 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion:105 Resp: 188812
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

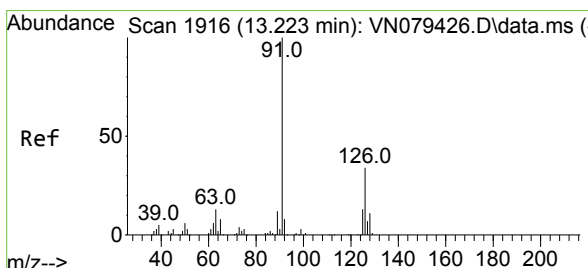
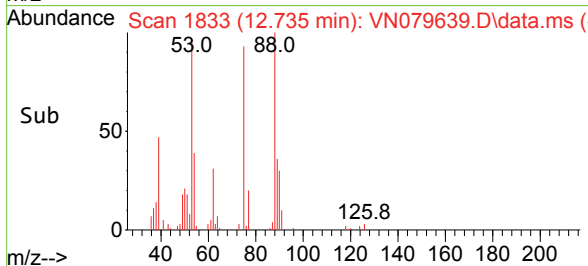
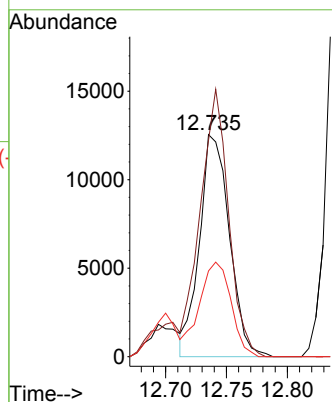
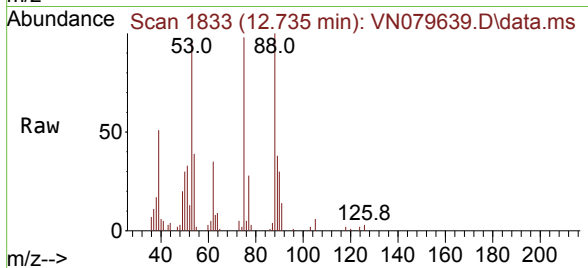




#81
trans-1,4-Dichloro-2-butene
Concen: 14.983 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

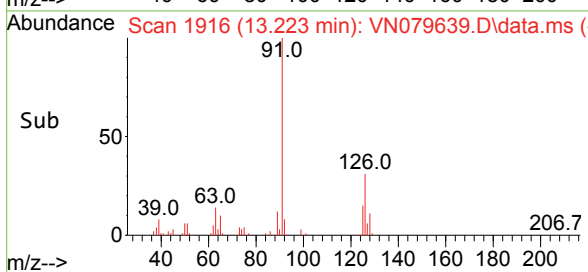
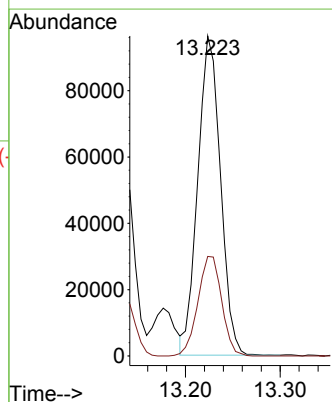
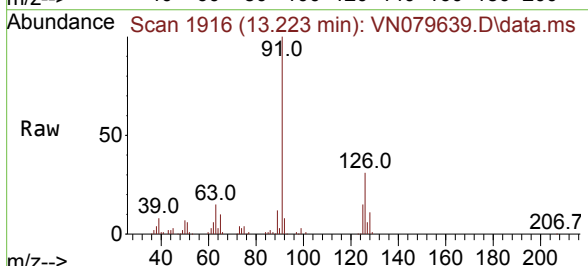
Instrument :
MSVOA_N
ClientSampleId :

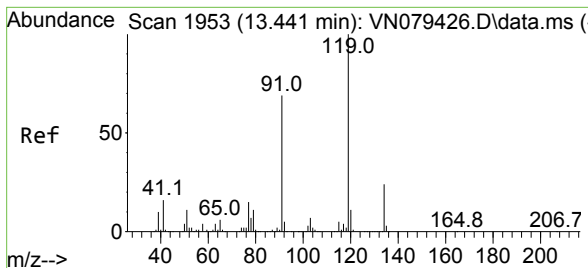
Tgt Ion: 75 Resp: 21526
Ion Ratio Lower Upper
75 100
53 129.1 67.4 101.2#
89 45.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.313 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Tgt Ion: 91 Resp: 160429
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.093 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

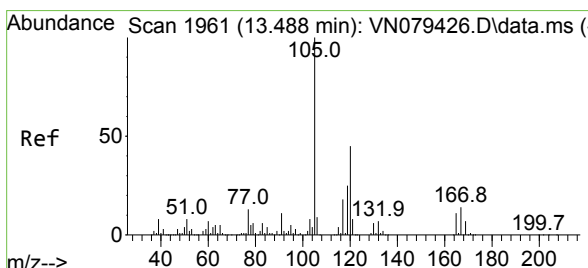
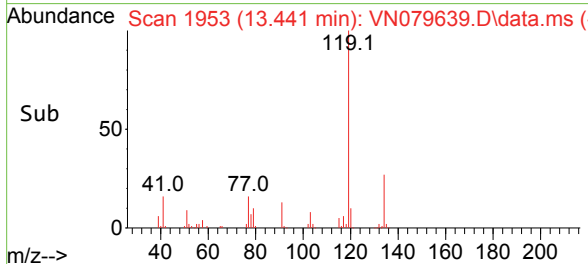
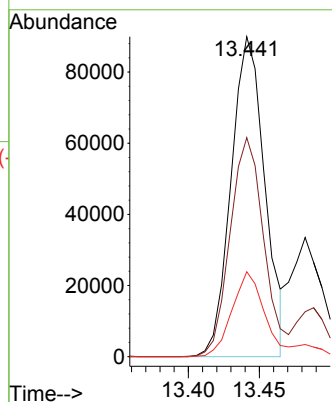
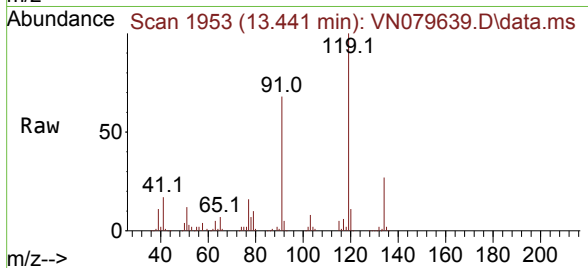
Tgt Ion:119 Resp: 148532

Ion Ratio Lower Upper

119 100

91 68.8 33.9 101.7

134 25.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.467 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079639.D

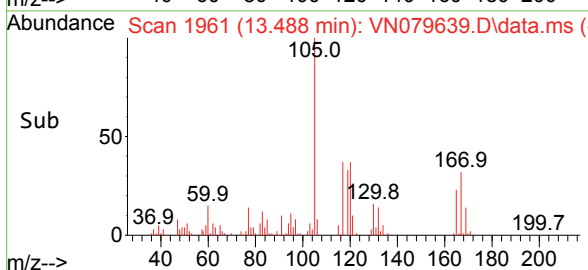
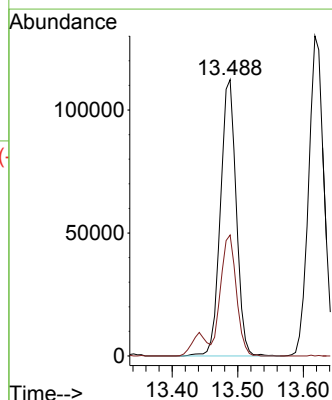
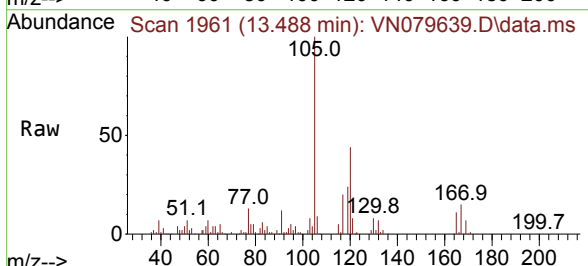
Acq: 23 Oct 2023 11:24

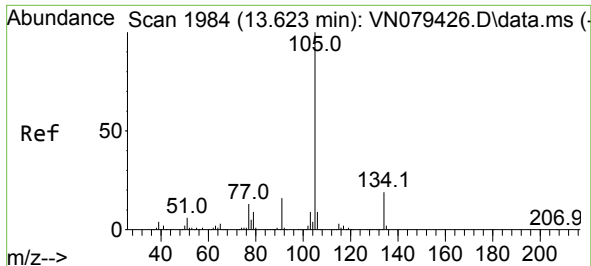
Tgt Ion:105 Resp: 186922

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0

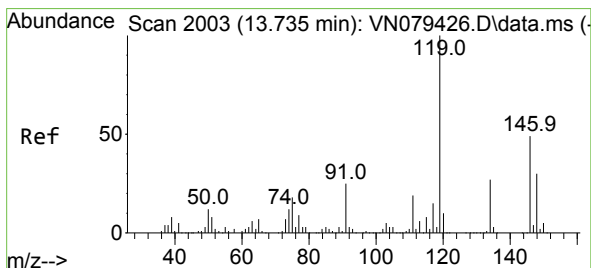
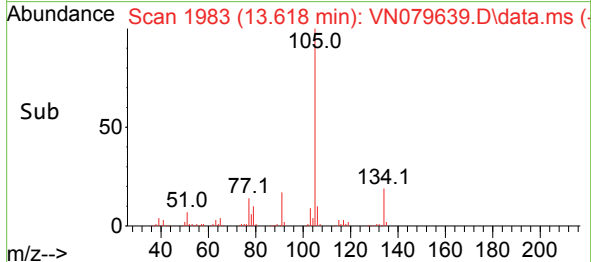
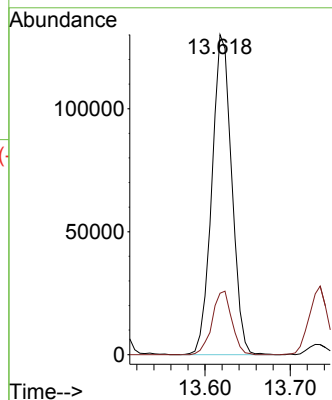
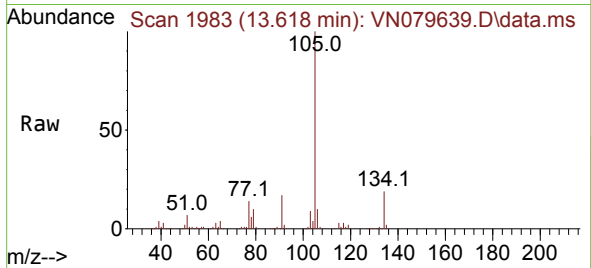




#85
 sec-Butylbenzene
 Concen: 17.366 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

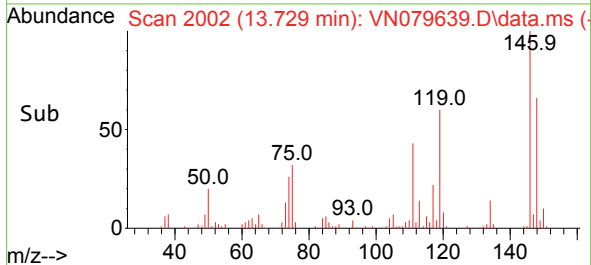
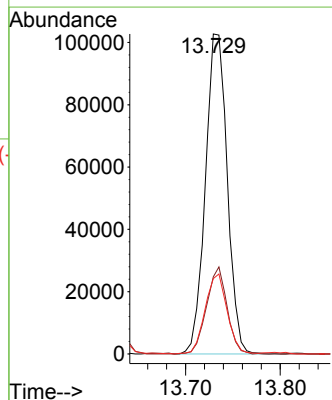
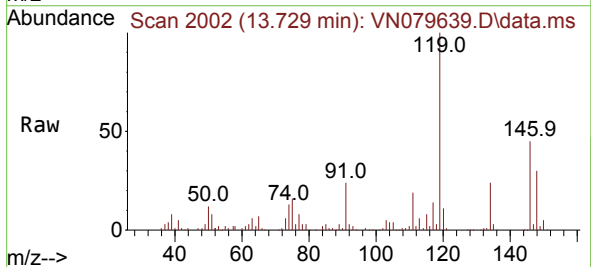
Instrument :
 MSVOA_N
 ClientSampleId :

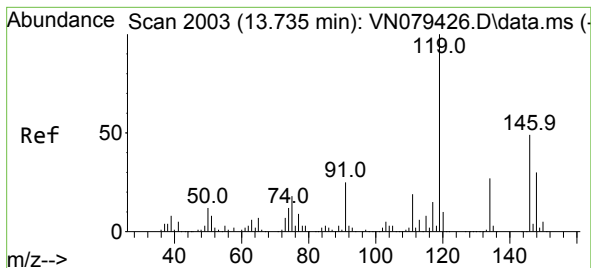
Tgt Ion:105 Resp: 210493
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.757 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion:119 Resp: 165112
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.499 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

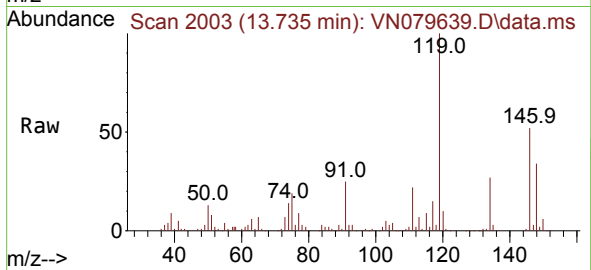
Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :



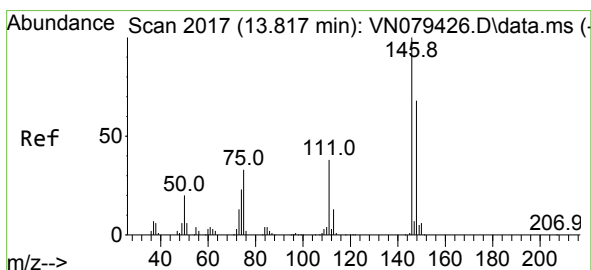
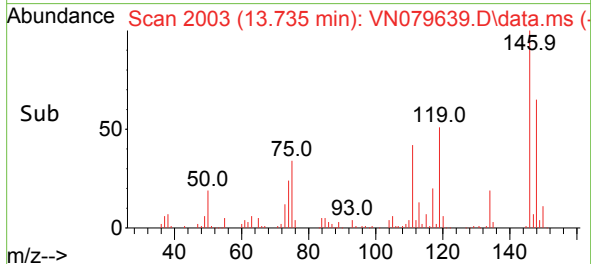
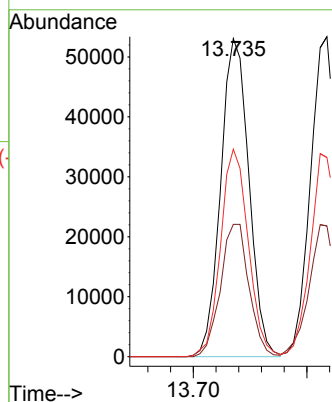
Tgt Ion:146 Resp: 91533

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.3

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.596 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

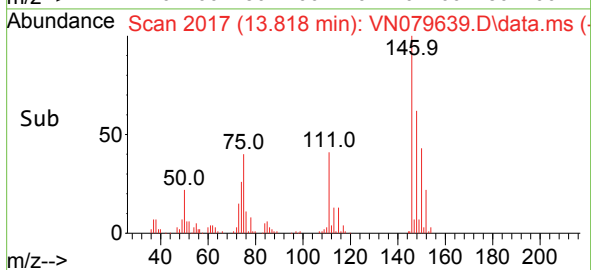
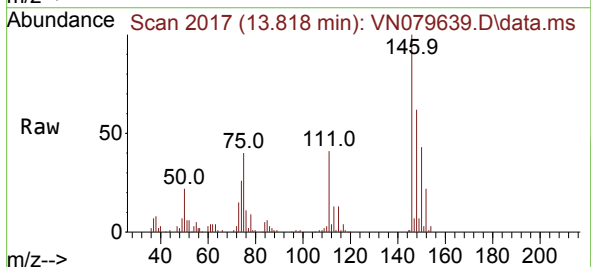
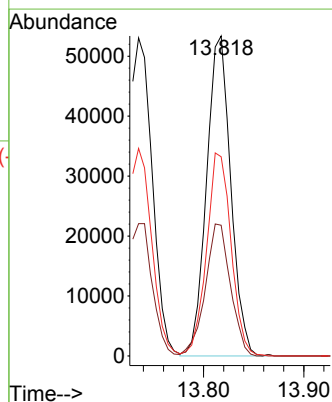
Tgt Ion:146 Resp: 89639

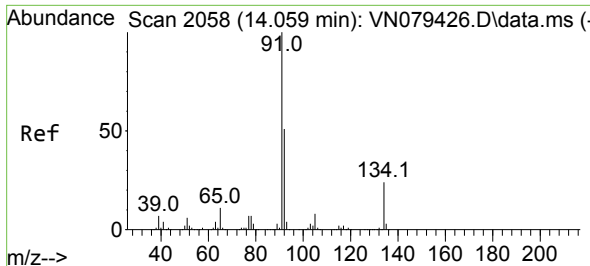
Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.8

148 64.3 31.6 94.8

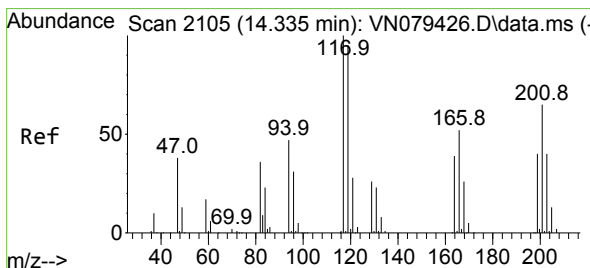
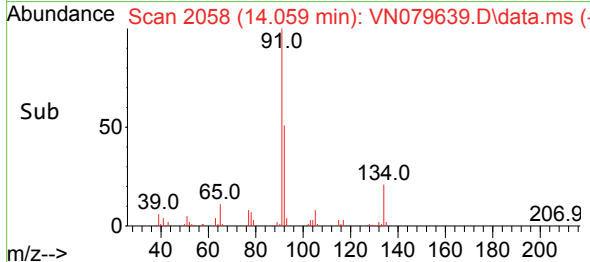
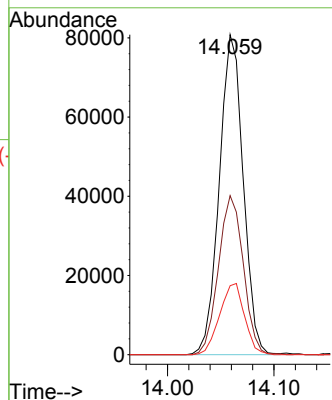
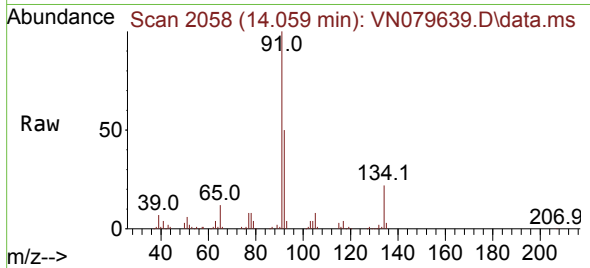




#89
n-Butylbenzene
Concen: 16.945 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

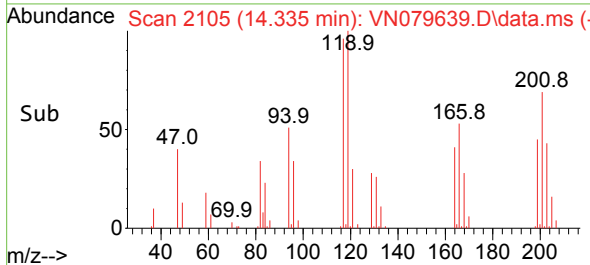
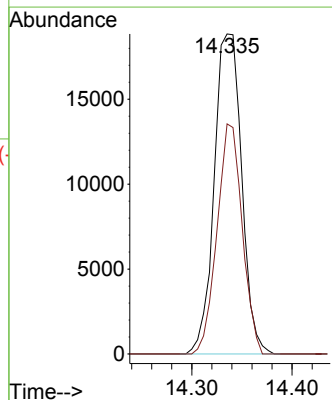
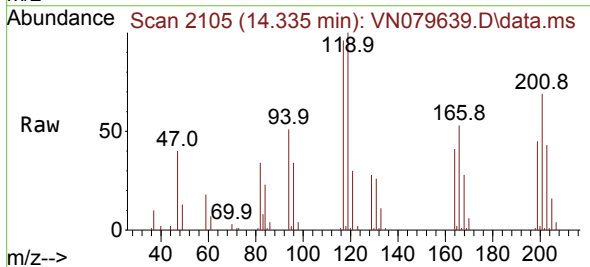
Instrument :
MSVOA_N
ClientSampleId :

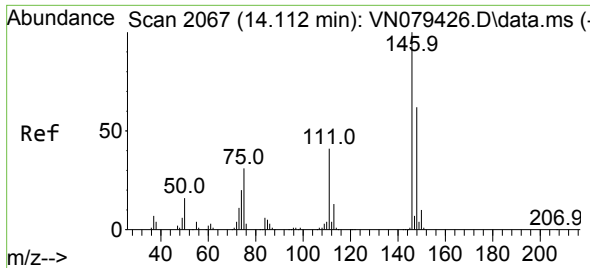
Tgt Ion: 91 Resp: 125820
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 23.2 12.6 37.6



#90
Hexachloroethane
Concen: 18.321 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

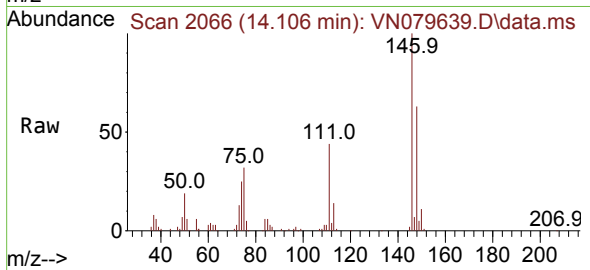
Tgt Ion: 117 Resp: 35836
Ion Ratio Lower Upper
117 100
201 65.9 29.3 88.0



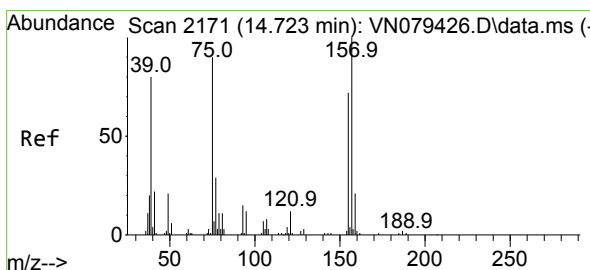
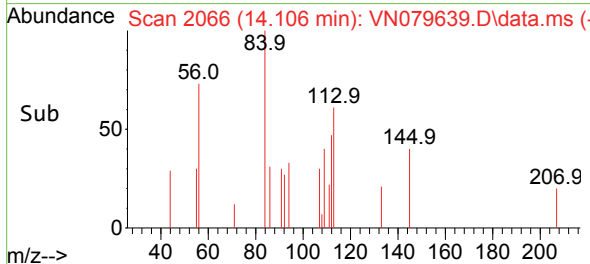
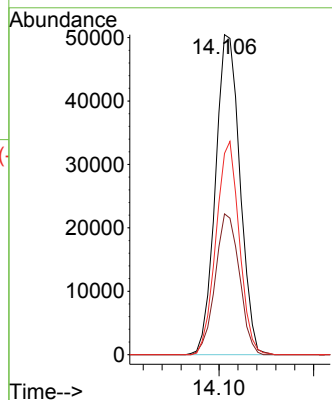


#91
1,2-Dichlorobenzene
Concen: 17.752 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :

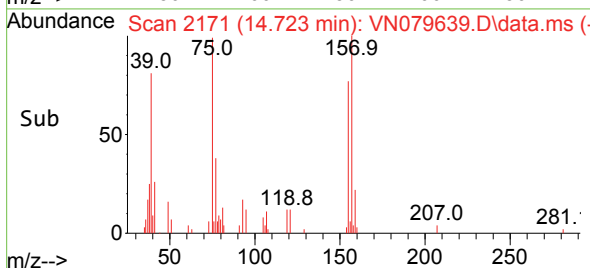
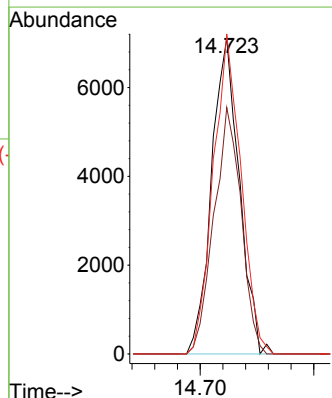
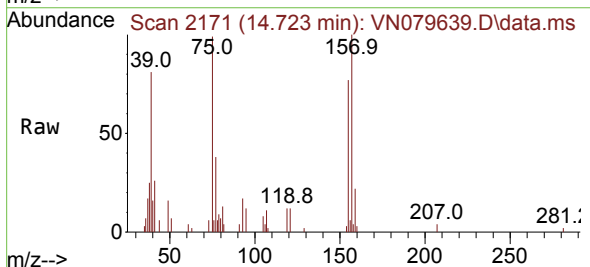


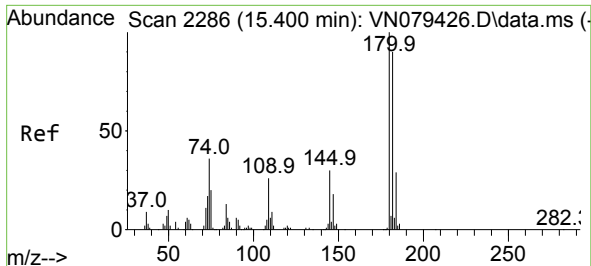
Tgt Ion:146 Resp: 90575
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.464 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079639.D
Acq: 23 Oct 2023 11:24

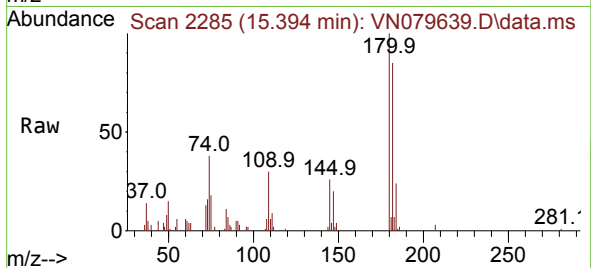
Tgt Ion: 75 Resp: 12027
Ion Ratio Lower Upper
75 100
155 76.9 39.1 117.2
157 101.7 50.3 150.9



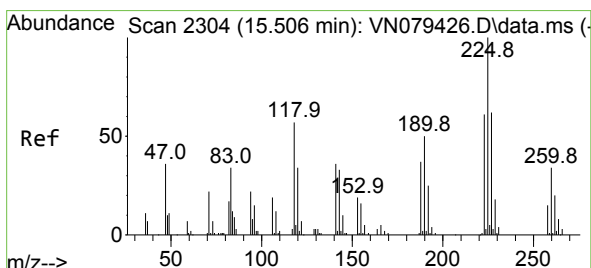
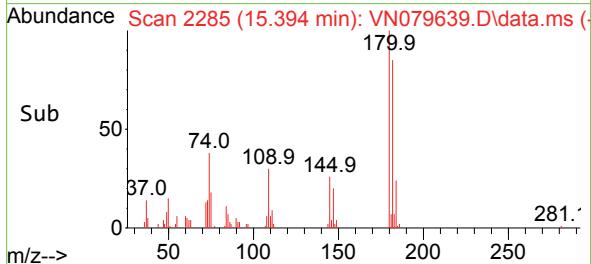
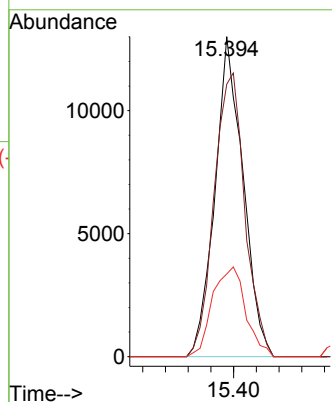


#93
 1,2,4-Trichlorobenzene
 Concen: 14.129 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Instrument :
 MSVOA_N
 ClientSampleId :

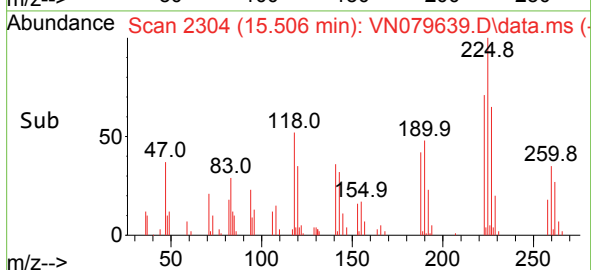
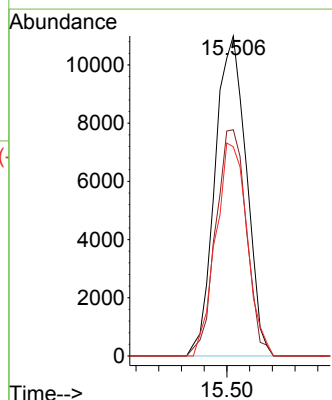
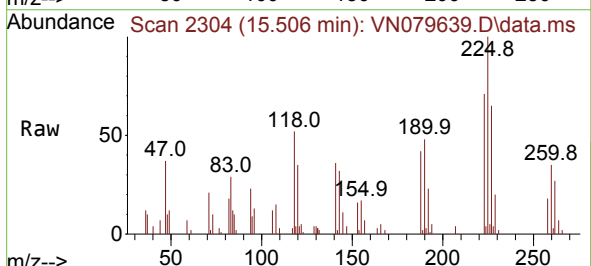


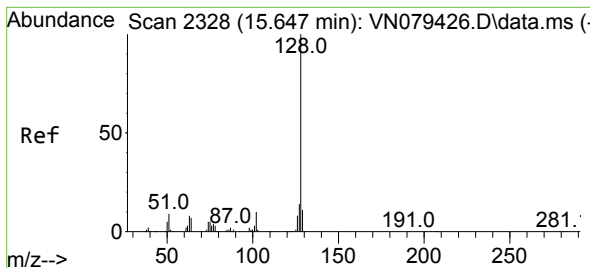
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.1	138.2
145	33.1	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 17.050 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079639.D
 Acq: 23 Oct 2023 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.1	31.3	93.8
227	66.7	31.9	95.9





#95

Naphthalene

Concen: 12.081 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

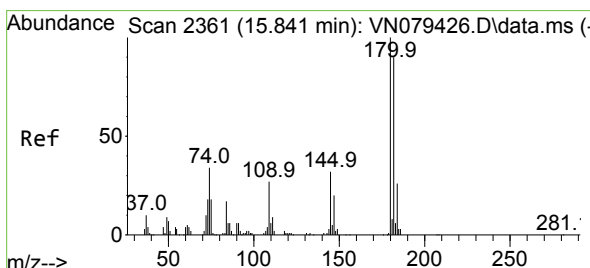
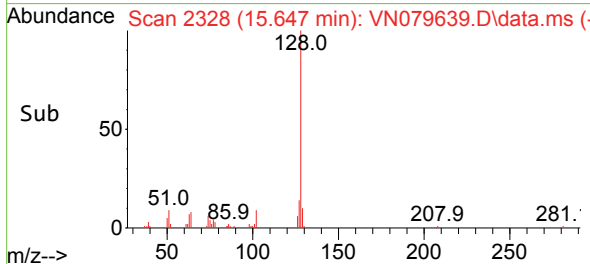
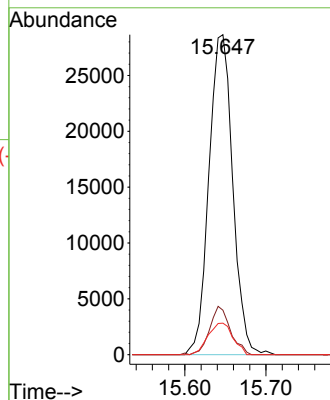
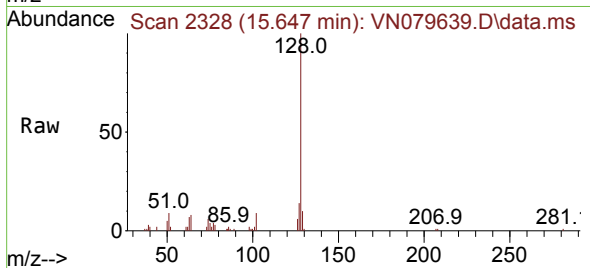
Tgt Ion:128 Resp: 58298

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 14.600 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079639.D

Acq: 23 Oct 2023 11:24

Tgt Ion:180 Resp: 27533

Ion Ratio Lower Upper

180 100

182 90.9 46.2 138.6

145 32.3 17.5 52.6

