

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079295.D
 Acq On : 18 Sep 2023 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	272663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118018	51.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%	
35) Dibromofluoromethane	8.171	113	94257	48.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.260%	
50) Toluene-d8	10.571	98	349013	48.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	12.853	95	117089	51.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	90375	54.197	ug/l	99
3) Chloromethane	2.365	50	115851	52.924	ug/l	98
4) Vinyl Chloride	2.518	62	132462	55.536	ug/l	97
5) Bromomethane	2.948	94	72968	53.222	ug/l	96
6) Chloroethane	3.118	64	91370	60.090	ug/l	99
7) Trichlorofluoromethane	3.495	101	165149	47.284	ug/l	97
8) Diethyl Ether	3.965	74	63313	52.226	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	93481	50.327	ug/l	99
10) Methyl Iodide	4.595	142	103653	68.219	ug/l	98
11) Tert butyl alcohol	5.530	59	89915	214.075	ug/l	100
12) 1,1-Dichloroethene	4.342	96	88951	49.487	ug/l #	79
13) Acrolein	4.189	56	110430	275.628	ug/l	99
14) Allyl chloride	5.024	41	156343	54.525	ug/l #	90
15) Acrylonitrile	5.724	53	283951	260.724	ug/l	98
16) Acetone	4.436	43	233510	241.677	ug/l	92
17) Carbon Disulfide	4.712	76	232418	41.372	ug/l	100
18) Methyl Acetate	5.024	43	219370	55.243	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	328462	53.282	ug/l	95
20) Methylene Chloride	5.283	84	112956	48.040	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	100464	48.181	ug/l #	78
22) Diisopropyl ether	6.677	45	361566	57.471	ug/l #	90
23) Vinyl Acetate	6.612	43	1089351	281.509	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	209617	54.048	ug/l	99
25) 2-Butanone	7.488	43	377120	269.007	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	160731	50.503	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	122398	51.337	ug/l	87
28) Bromochloromethane	7.818	49	100270	57.182	ug/l #	76
29) Tetrahydrofuran	7.841	42	252466	282.990	ug/l #	75
30) Chloroform	7.971	83	214821	53.200	ug/l	93
31) Cyclohexane	8.259	56	164039	49.382	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	181807	52.819	ug/l	95
36) 1,1-Dichloropropene	8.377	75	153721	50.925	ug/l	95
37) Ethyl Acetate	7.565	43	158930	52.786	ug/l #	91
38) Carbon Tetrachloride	8.371	117	152124	48.699	ug/l	99
39) Methylcyclohexane	9.606	83	156070	52.416	ug/l #	86
40) Benzene	8.612	78	458978	49.670	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87346	57.538	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	167150	52.543	ug/l	98
43) Isopropyl Acetate	8.694	43	260642	53.055	ug/l #	90
44) Trichloroethene	9.359	130	108729	47.764	ug/l	98
45) 1,2-Dichloropropane	9.624	63	123872	54.014	ug/l	98
46) Dibromomethane	9.712	93	81093	52.089	ug/l	94
47) Bromodichloromethane	9.894	83	171247	53.704	ug/l	98
48) Methyl methacrylate	9.688	41	122975	55.885	ug/l #	80
49) 1,4-Dioxane	9.700	88	44162	975.735	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	803403	281.719	ug/l	90
52) Toluene	10.635	92	285910	50.346	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	176428	52.473	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	189276	52.633	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	115660	51.905	ug/l	97
56) Ethyl methacrylate	10.876	69	172097	54.712	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	203600	52.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	323154	244.898	ug/l	90
59) 2-Hexanone	11.200	43	576767	279.236	ug/l	87
60) Dibromochloromethane	11.365	129	120130	50.655	ug/l	99
61) 1,2-Dibromoethane	11.476	107	112159	50.437	ug/l	98
64) Tetrachloroethene	11.106	164	87101	43.810	ug/l	95
65) Chlorobenzene	11.894	112	294994	47.758	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	114711	49.525	ug/l	97
67) Ethyl Benzene	11.971	91	540697	51.176	ug/l	96
68) m/p-Xylenes	12.076	106	406837	103.308	ug/l	94
69) o-Xylene	12.400	106	198892	52.660	ug/l	93
70) Styrene	12.412	104	329678	54.273	ug/l	98
71) Bromoform	12.582	173	86707	50.708	ug/l #	99
73) Isopropylbenzene	12.700	105	509672	46.941	ug/l	99
74) N-amyl acetate	12.500	43	210000	50.979	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	175817	43.485	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	208030	64.679	ug/l	70
77) Bromobenzene	12.982	156	115956	42.177	ug/l	94
78) n-propylbenzene	13.041	91	613177	50.273	ug/l	97
79) 2-Chlorotoluene	13.129	91	361692	45.339	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	428010	47.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	51355	43.896	ug/l	87
82) 4-Chlorotoluene	13.223	91	353420	47.148	ug/l	98
83) tert-Butylbenzene	13.441	119	348676	46.587	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	425263	49.357	ug/l	99
85) sec-Butylbenzene	13.617	105	498716	48.401	ug/l	99
86) p-Isopropyltoluene	13.735	119	404194	49.101	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	207730	46.066	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	200525	44.008	ug/l	99
89) n-Butylbenzene	14.059	91	326939	50.506	ug/l	98
90) Hexachloroethane	14.335	117	77947	46.628	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	204792	46.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27990	45.540	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	72681	45.434	ug/l	98
94) Hexachlorobutadiene	15.506	225	44232	35.149	ug/l	99
95) Naphthalene	15.647	128	199917	42.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76569	40.577	ug/l	97

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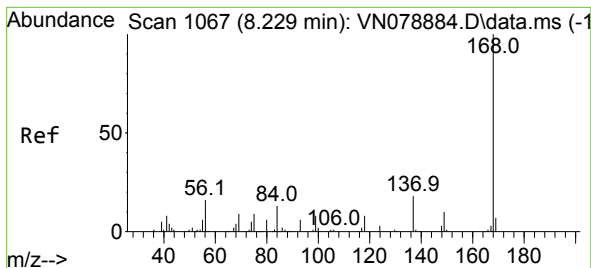
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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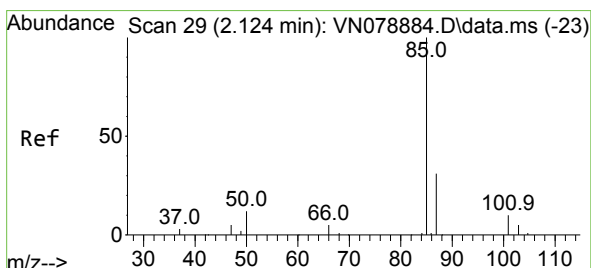
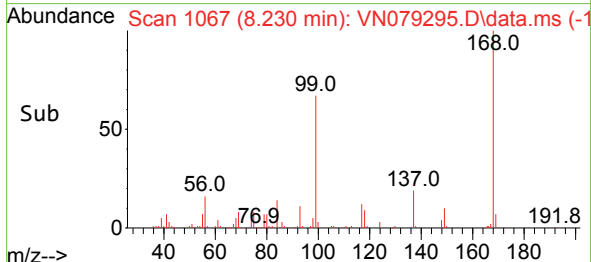
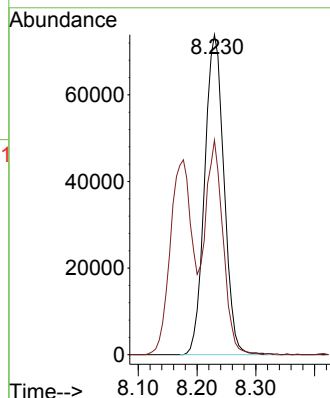
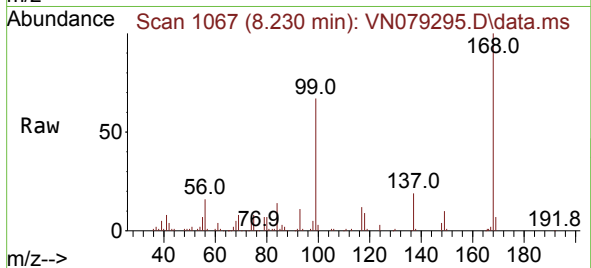
ClientSampleId :

Tgt Ion:168 Resp: 168531

Ion Ratio Lower Upper

168 100

99 67.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 54.197 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079295.D

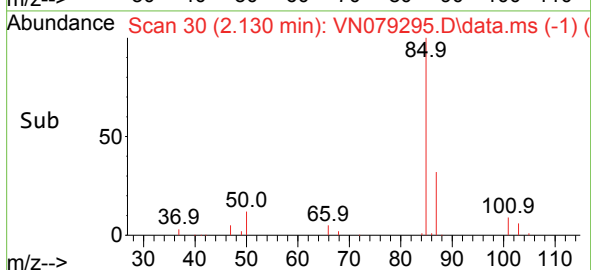
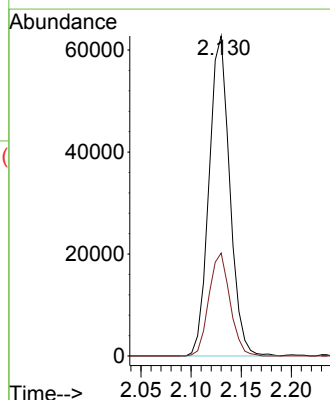
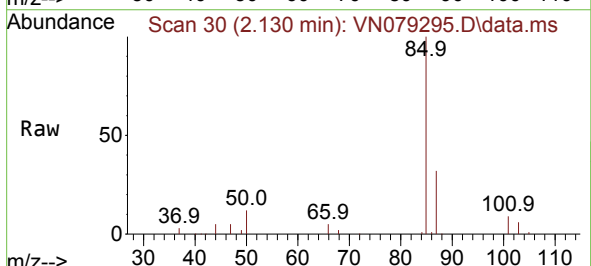
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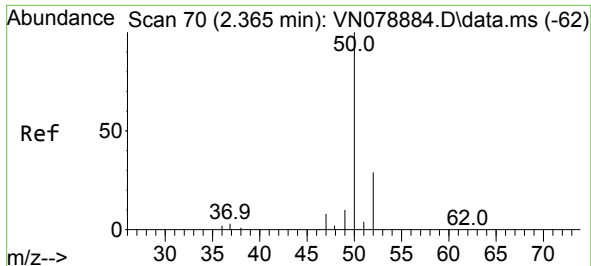
Tgt Ion: 85 Resp: 90375

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4





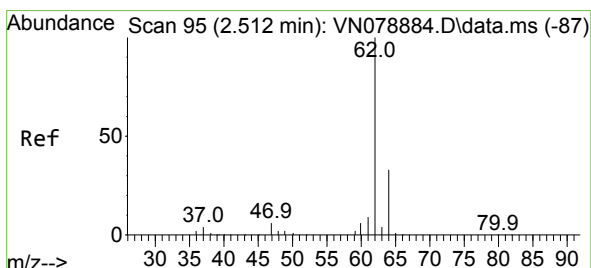
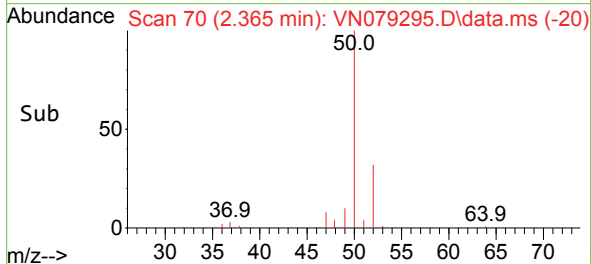
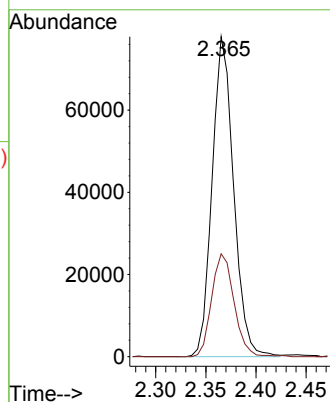
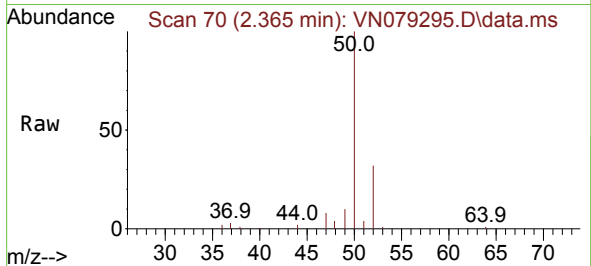
#3
 Chloromethane
 Concen: 52.924 ug/l
 RT: 2.365 min Scan# 70
 Delta R.T. -0.006 min
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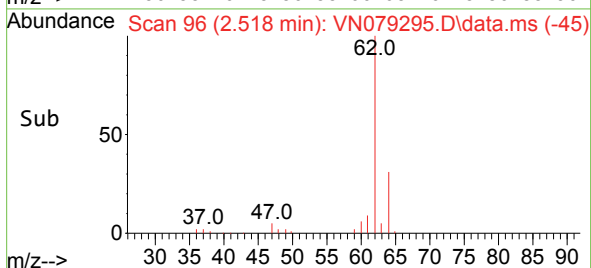
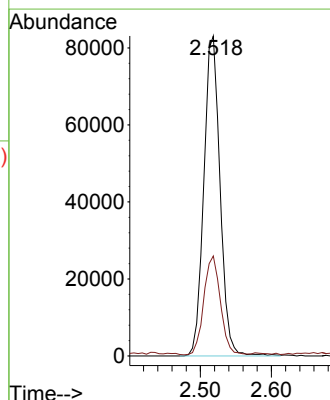
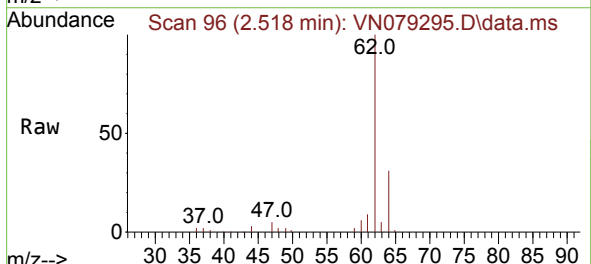
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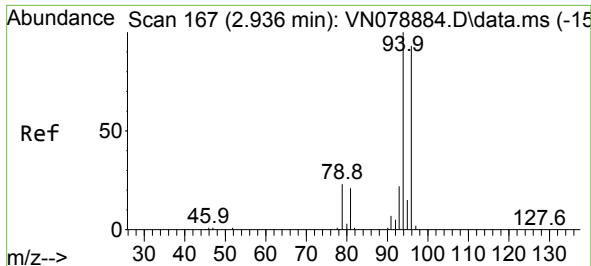
Tgt Ion: 50 Resp: 115851
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.5 39.7



#4
 Vinyl Chloride
 Concen: 55.536 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion: 62 Resp: 132462
 Ion Ratio Lower Upper
 62 100
 64 30.8 26.2 39.2

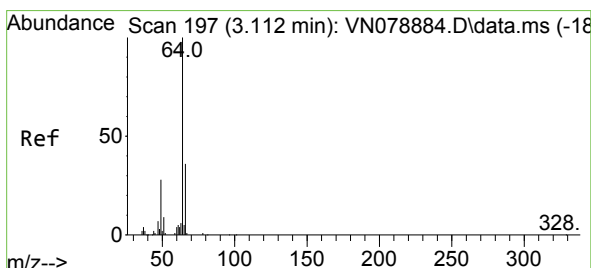
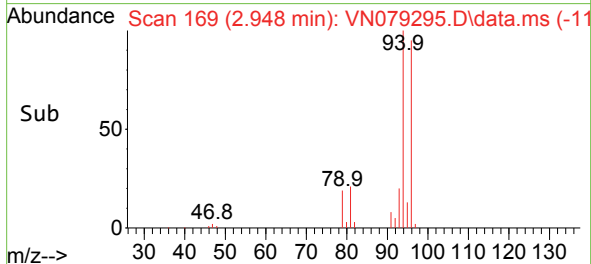
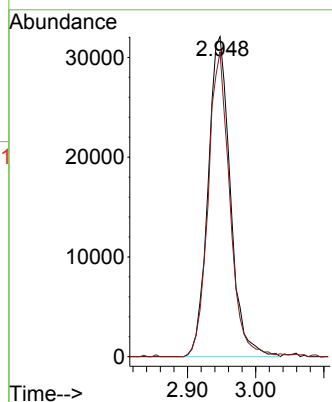
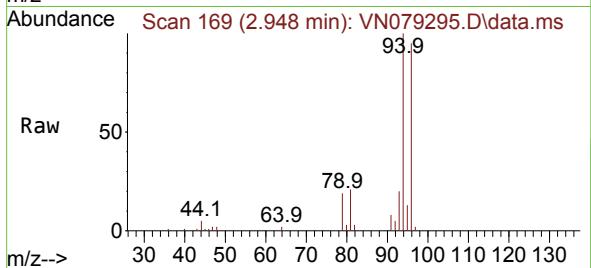




#5
Bromomethane
Concen: 53.222 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
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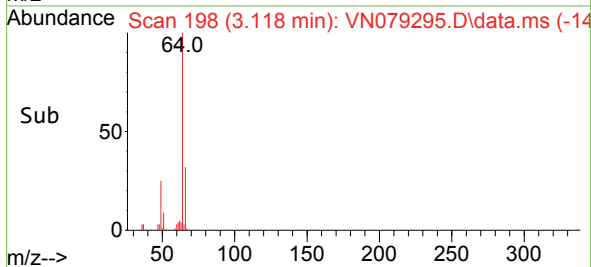
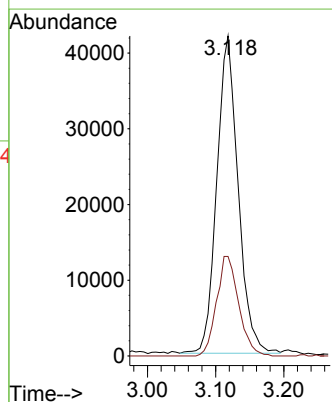
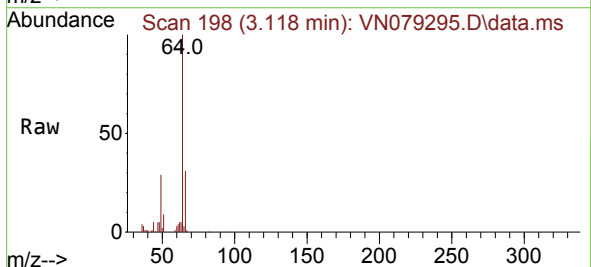
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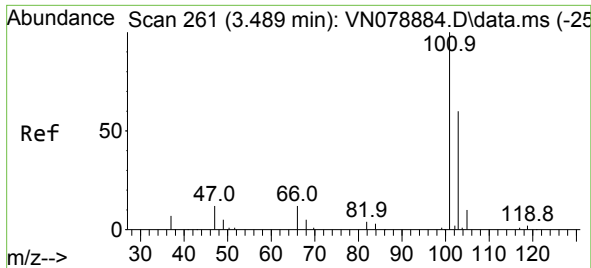
Tgt Ion: 94 Resp: 72968
Ion Ratio Lower Upper
94 100
96 95.2 73.1 109.7



#6
Chloroethane
Concen: 60.090 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 64 Resp: 91370
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

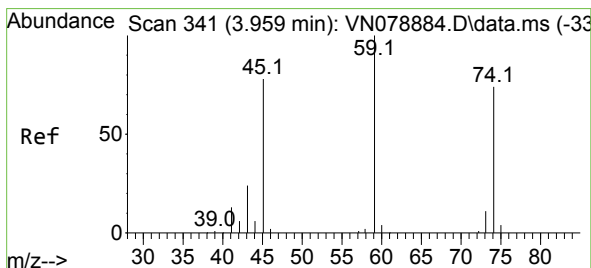
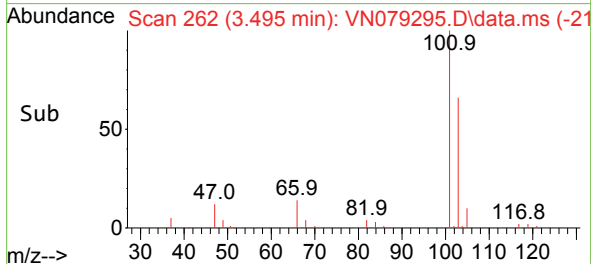
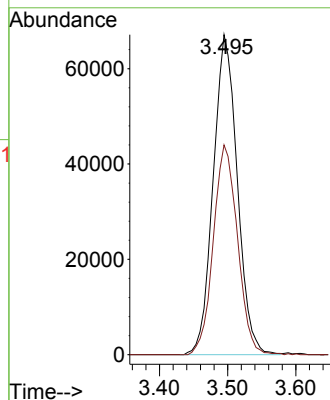
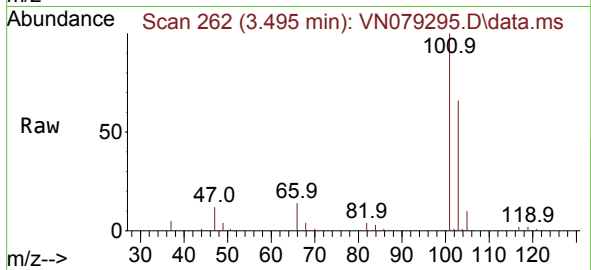




#7
Trichlorofluoromethane
Concen: 47.284 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079295.D
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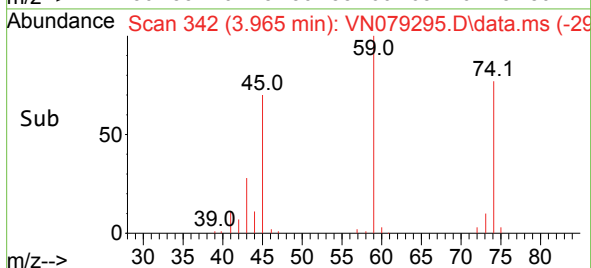
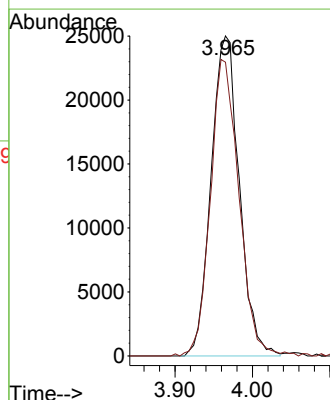
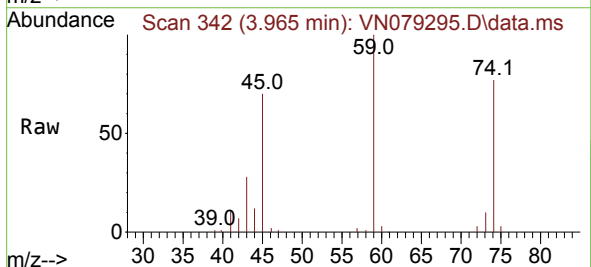
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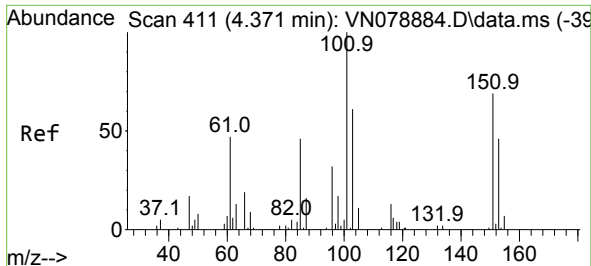
Tgt Ion:101 Resp: 165149
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1



#8
Diethyl Ether
Concen: 52.226 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 74 Resp: 63313
Ion Ratio Lower Upper
74 100
45 93.7 34.4 103.3

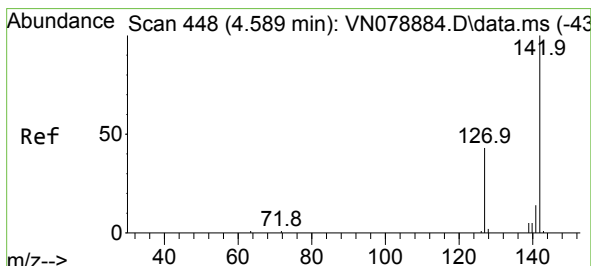
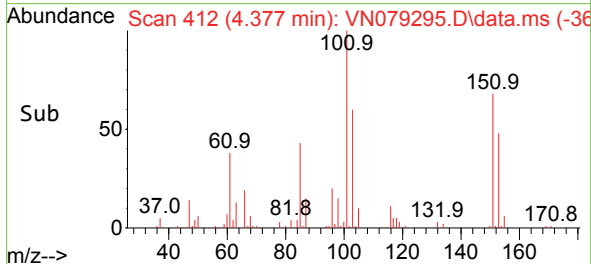
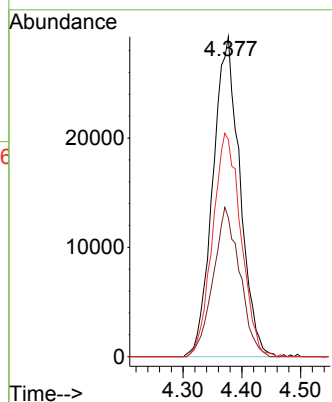
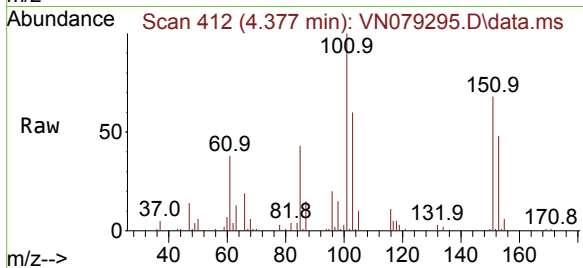




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.327 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
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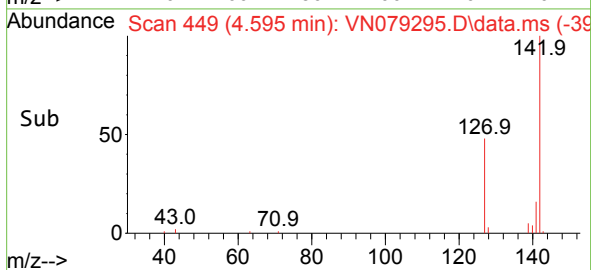
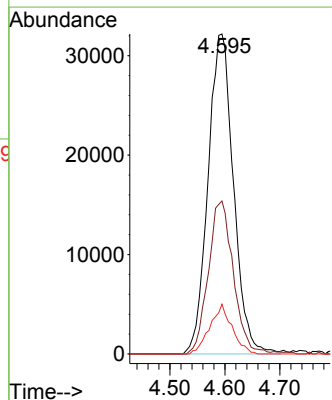
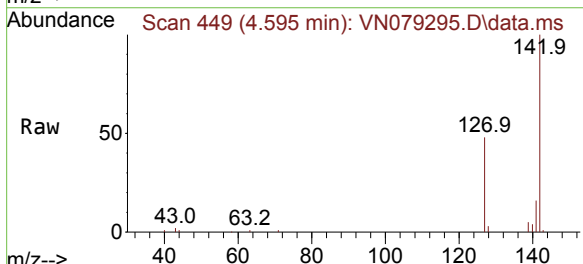
Instrument :
MSVOA_N
ClientSampleId :

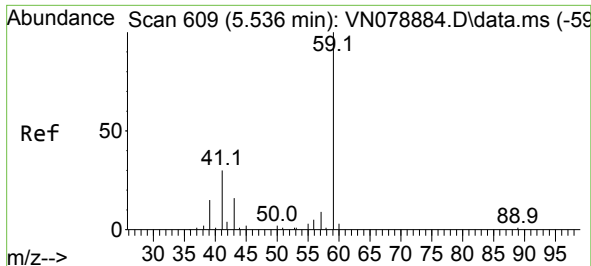
Tgt Ion:101 Resp: 93481
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 73.1 57.6 86.4



#10
Methyl Iodide
Concen: 68.219 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion:142 Resp: 103653
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 15.5 11.4 17.0

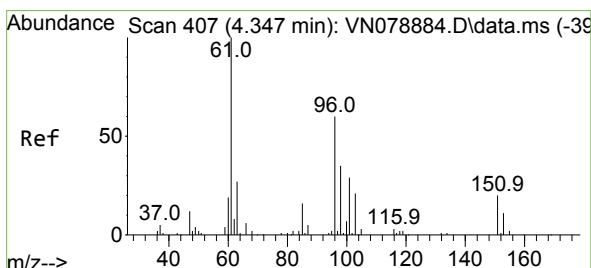
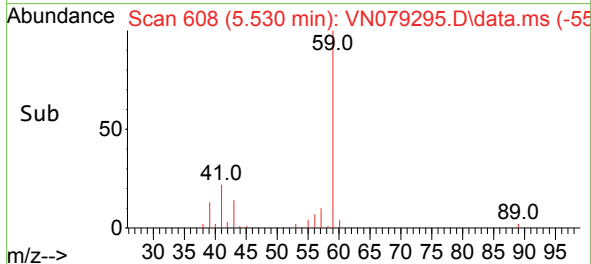
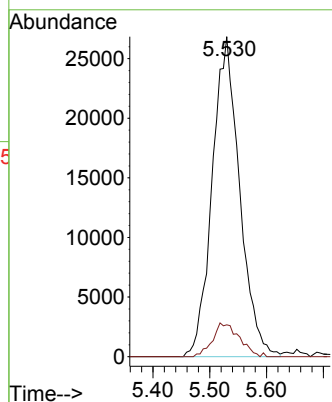
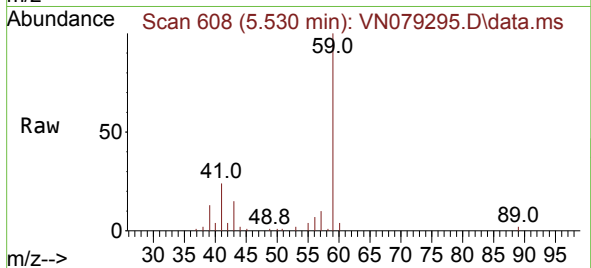




#11
Tert butyl alcohol
Concen: 214.075 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

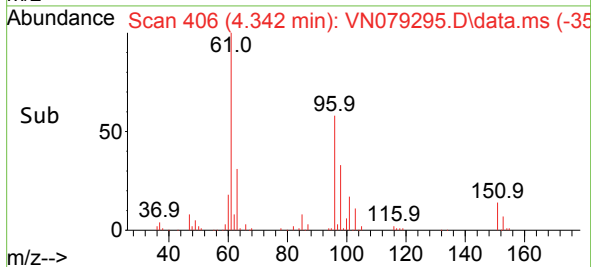
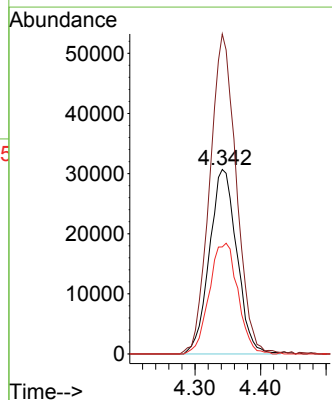
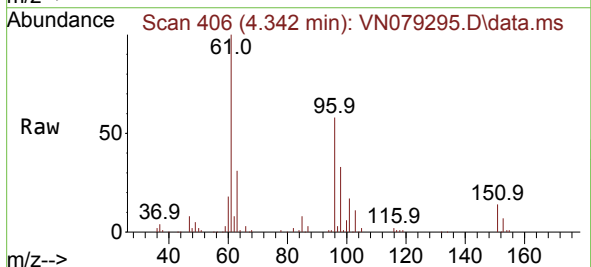
Instrument :
MSVOA_N
ClientSampleId :

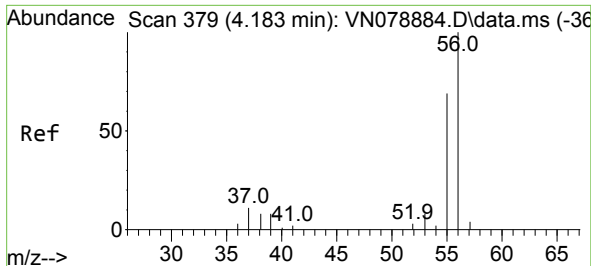
Tgt Ion: 59 Resp: 89915
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.487 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 96 Resp: 88951
Ion Ratio Lower Upper
96 100
61 173.5 112.7 169.1#
98 58.0 51.2 76.8





#13

Acrolein

Concen: 275.628 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

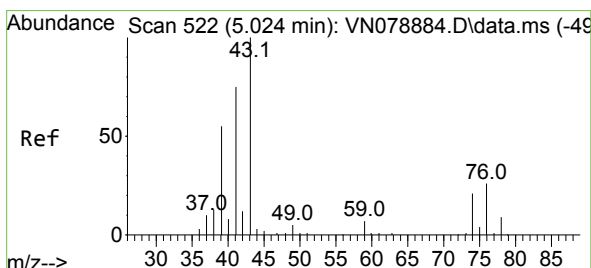
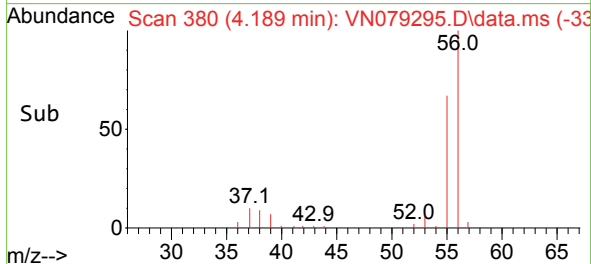
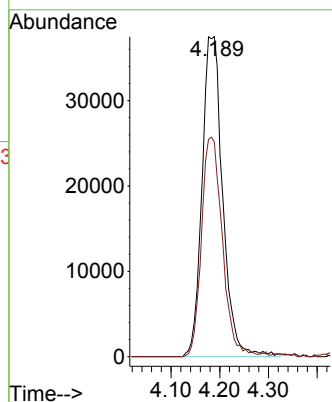
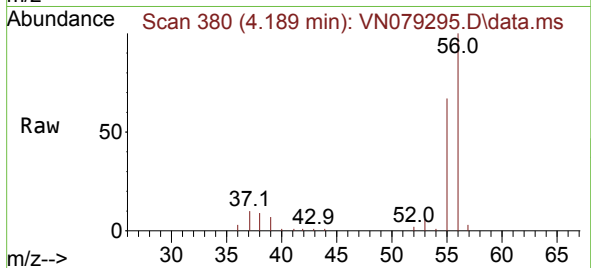
ClientSampleId :

Tgt Ion: 56 Resp: 110430

Ion Ratio Lower Upper

56 100

55 68.8 54.5 81.7



#14

Allyl chloride

Concen: 54.525 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

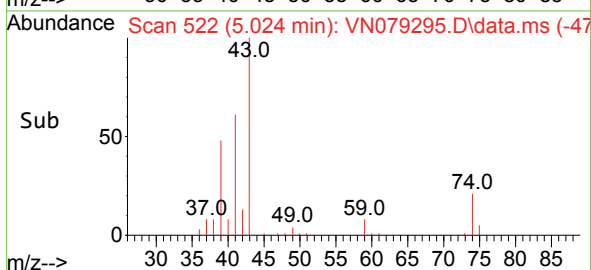
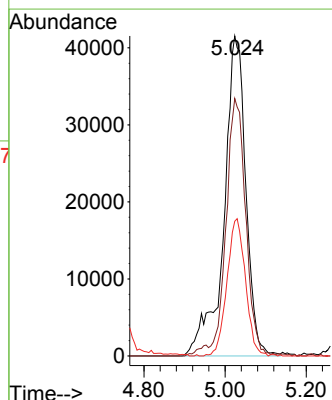
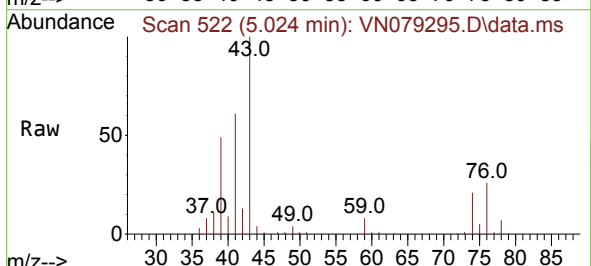
Tgt Ion: 41 Resp: 156343

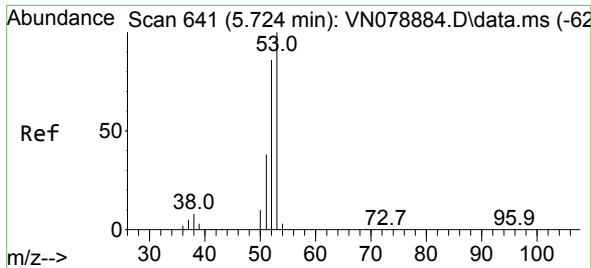
Ion Ratio Lower Upper

41 100

39 70.3 58.8 88.2

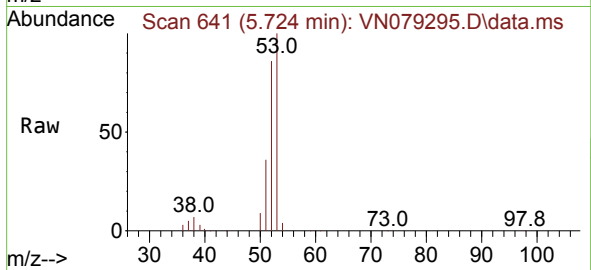
76 36.1 39.1 58.7#



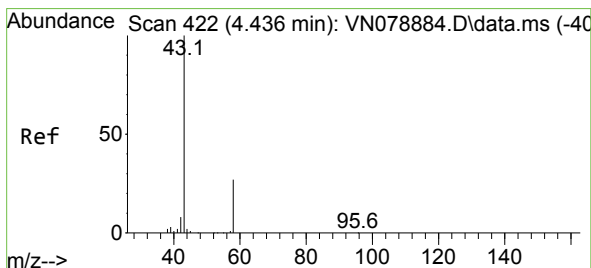
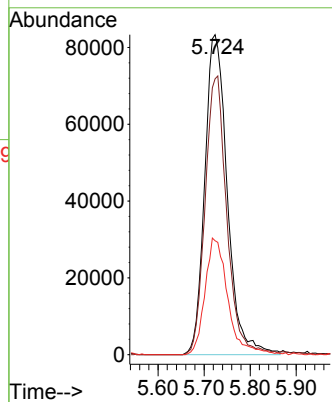
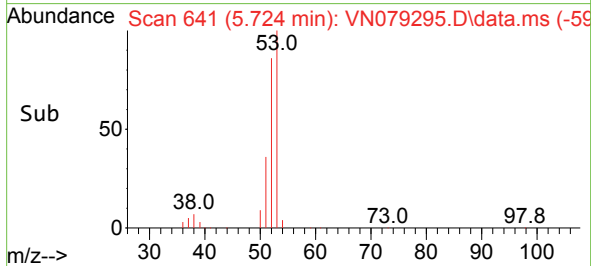


#15
Acrylonitrile
Concen: 260.724 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :

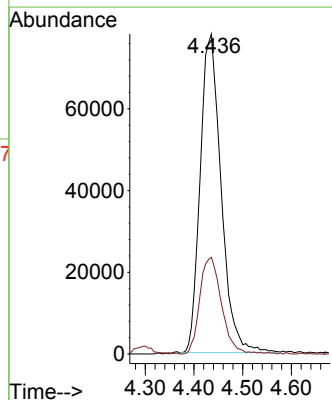
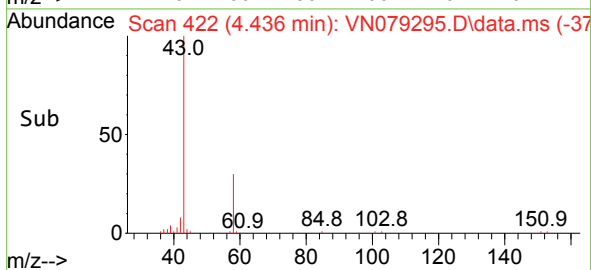
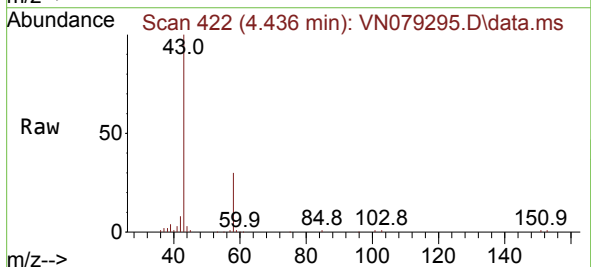


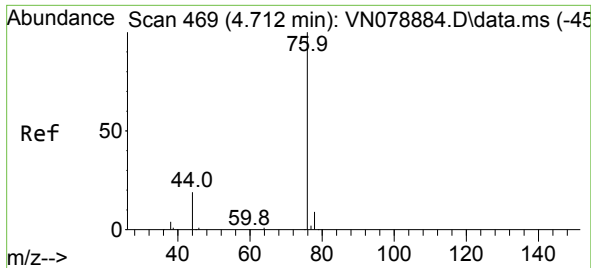
Tgt Ion: 53 Resp: 283951
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 241.677 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 43 Resp: 233510
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

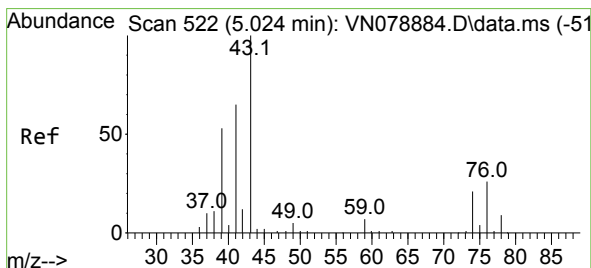
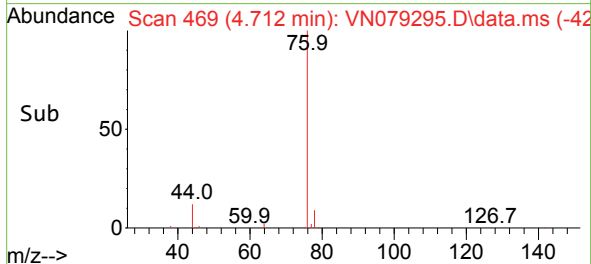
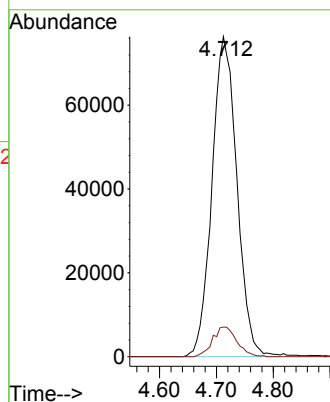
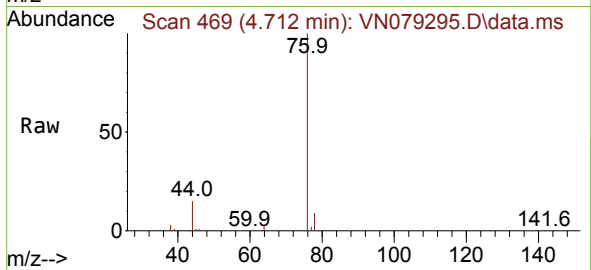




#17
Carbon Disulfide
Concen: 41.372 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

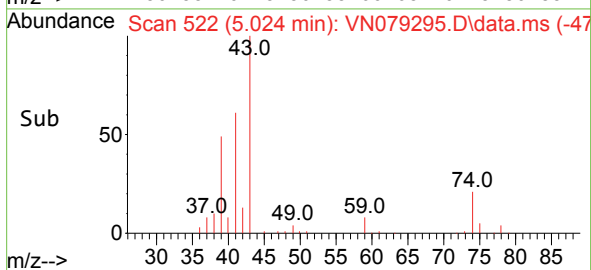
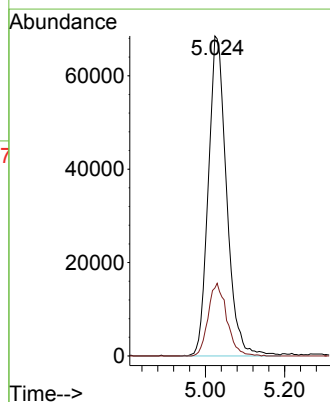
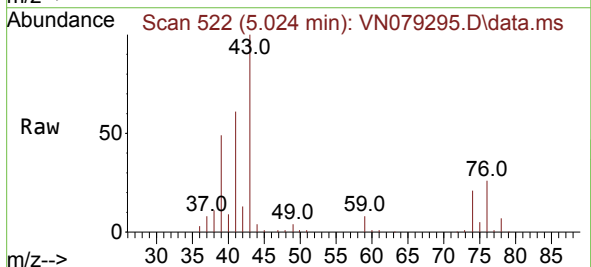
Instrument :
MSVOA_N
ClientSampleId :

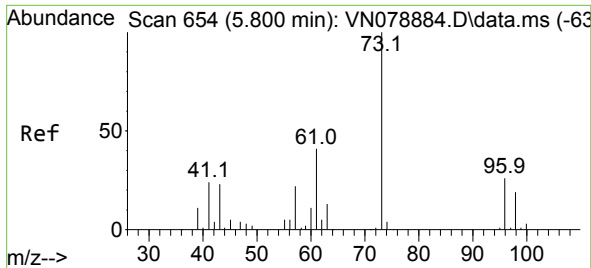
Tgt Ion: 76 Resp: 232418
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 55.243 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 43 Resp: 219370
Ion Ratio Lower Upper
43 100
74 23.2 26.2 39.4#

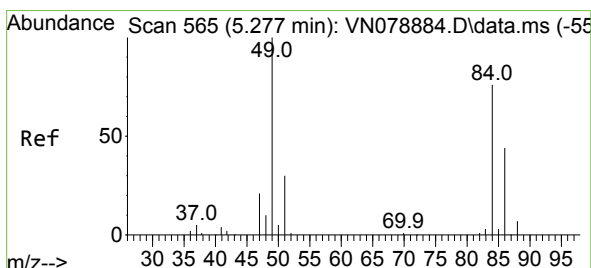
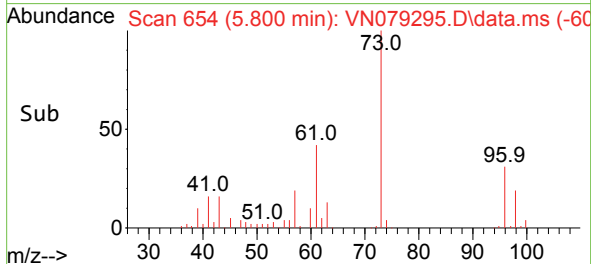
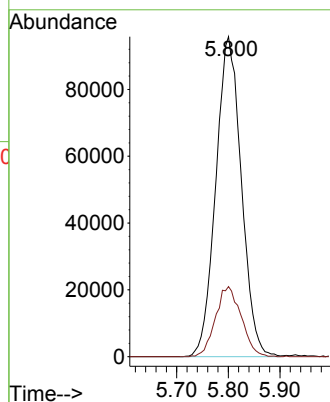
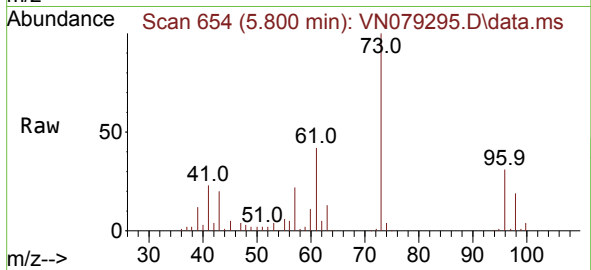




#19
Methyl tert-butyl Ether
Concen: 53.282 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

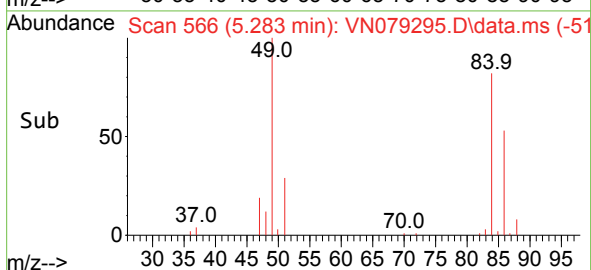
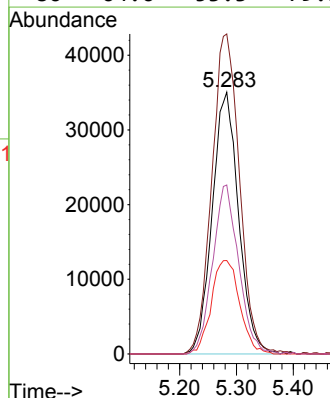
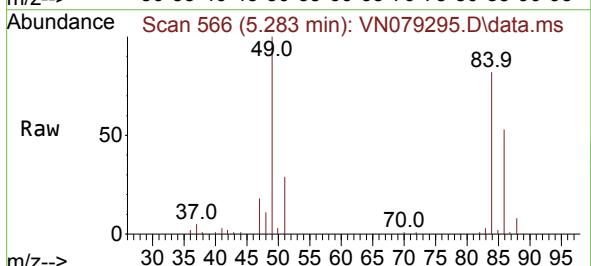
Instrument :
MSVOA_N
ClientSampleId :

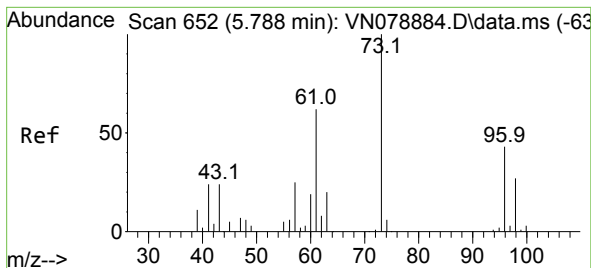
Tgt Ion: 73 Resp: 328462
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4



#20
Methylene Chloride
Concen: 48.040 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 84 Resp: 112956
Ion Ratio Lower Upper
84 100
49 122.2 79.7 119.5#
51 35.7 25.2 37.8
86 64.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 48.181 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

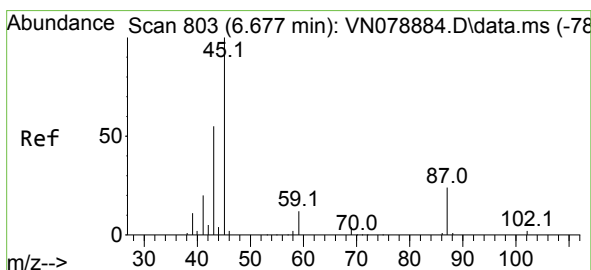
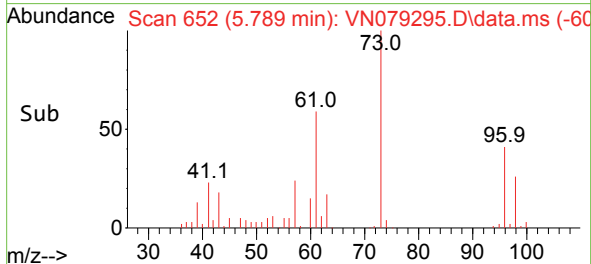
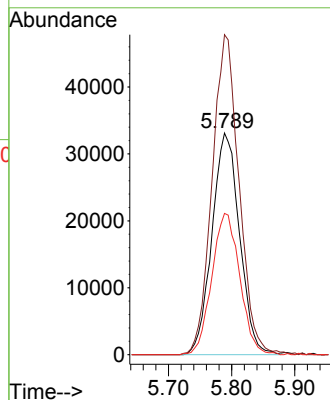
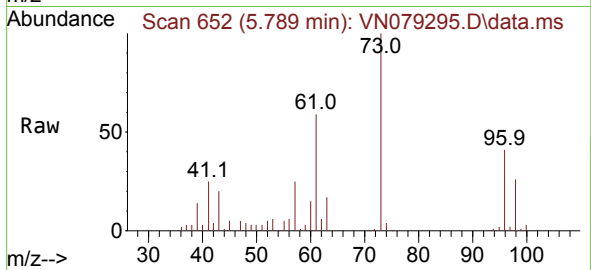
Tgt Ion: 96 Resp: 100464

Ion Ratio Lower Upper

96 100

61 144.4 90.1 135.1#

98 63.8 46.4 69.6



#22

Diisopropyl ether

Concen: 57.471 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.012 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Tgt Ion: 45 Resp: 361566

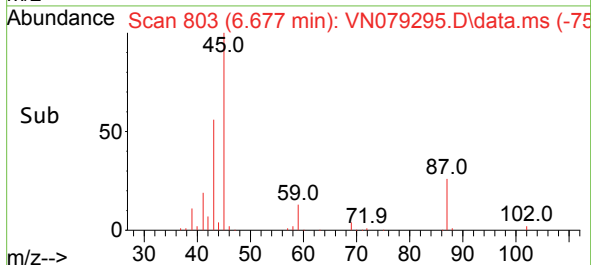
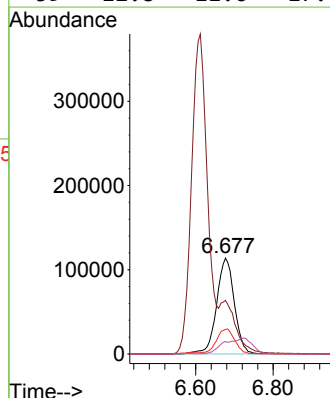
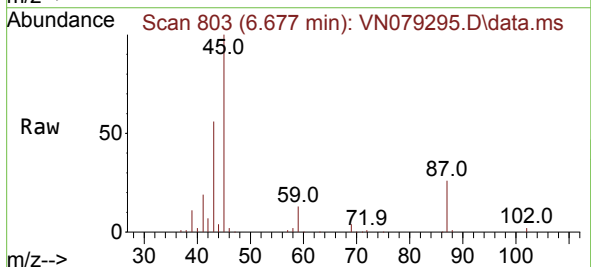
Ion Ratio Lower Upper

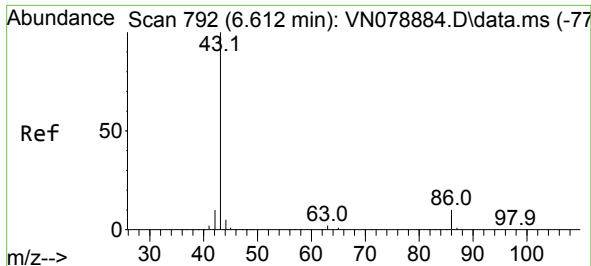
45 100

43 55.2 45.5 68.3

87 25.7 31.8 47.8#

59 12.8 11.6 17.4

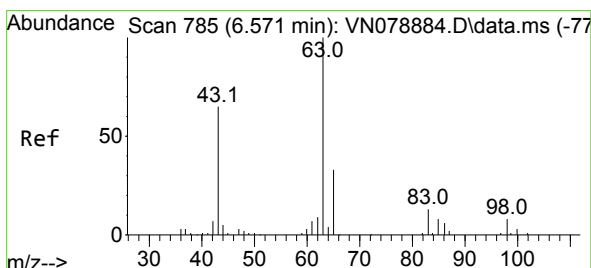
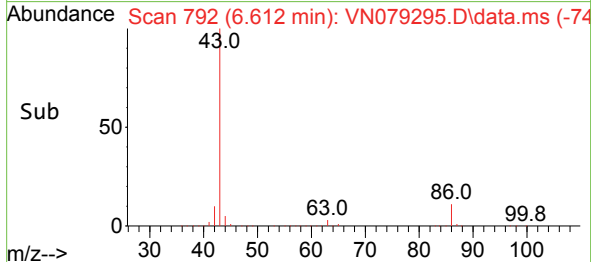
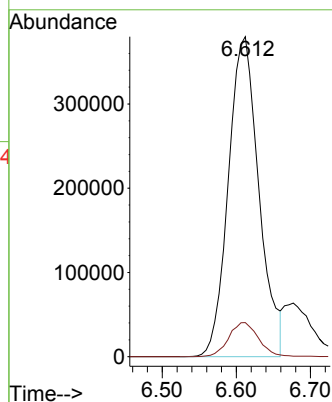
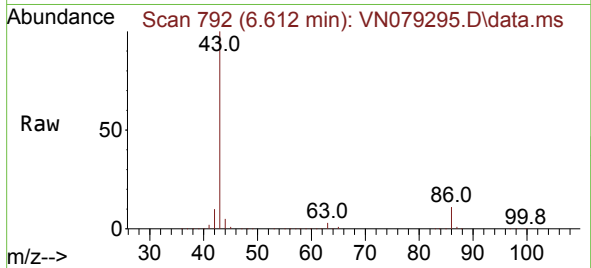




#23
 Vinyl Acetate
 Concen: 281.509 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

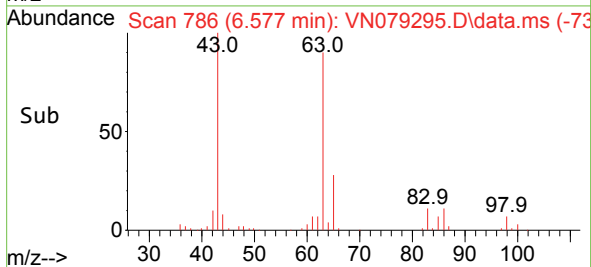
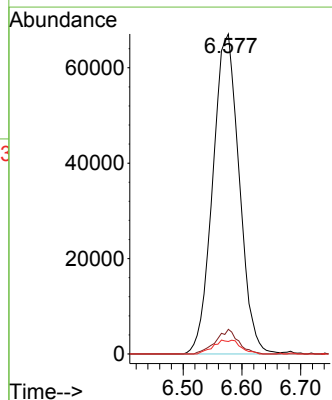
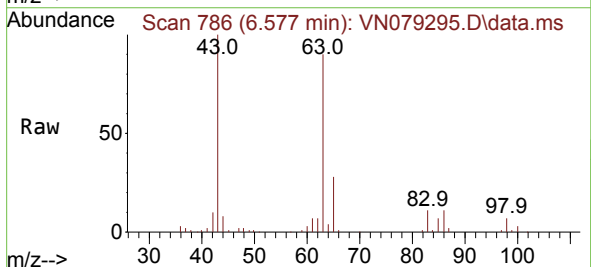
Instrument :
 MSVOA_N
 ClientSampleId :

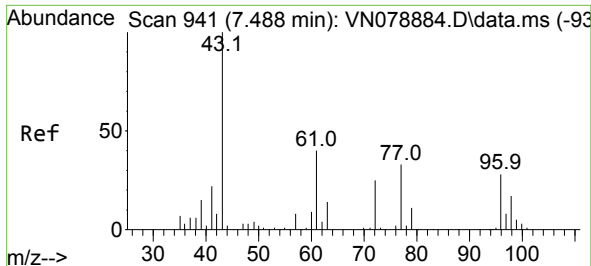
Tgt Ion: 43 Resp: 1089351
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.048 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion: 63 Resp: 209617
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 3.9 2.5 7.4

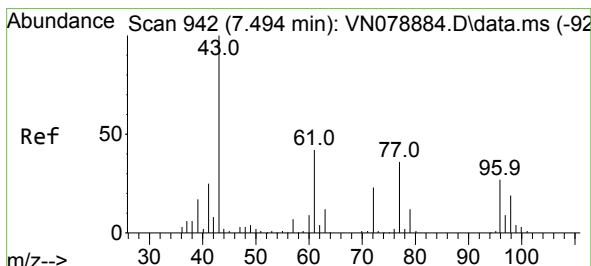
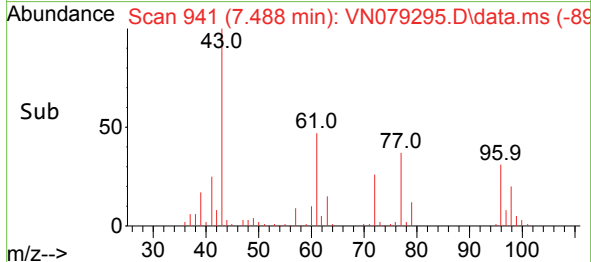
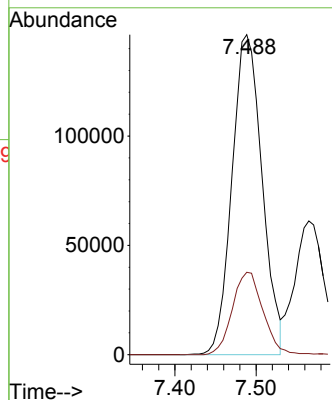
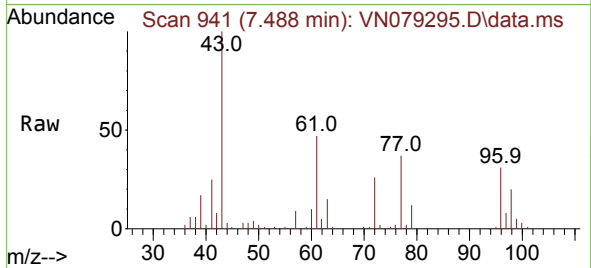




#25
2-Butanone
Concen: 269.007 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

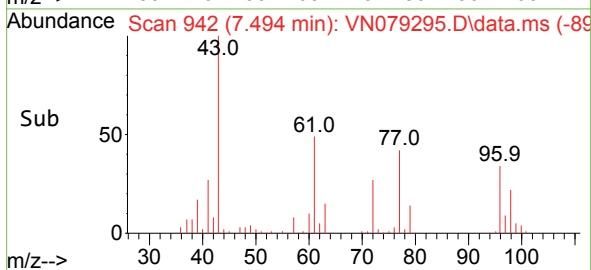
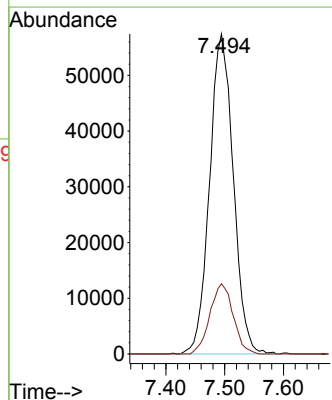
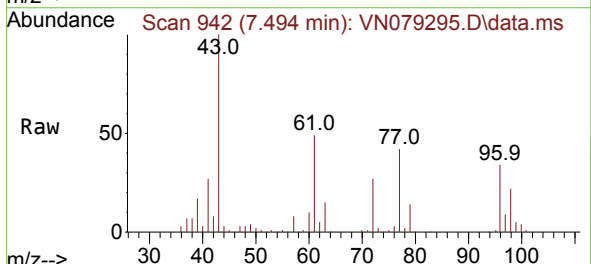
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 377120
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.503 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 77 Resp: 160731
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

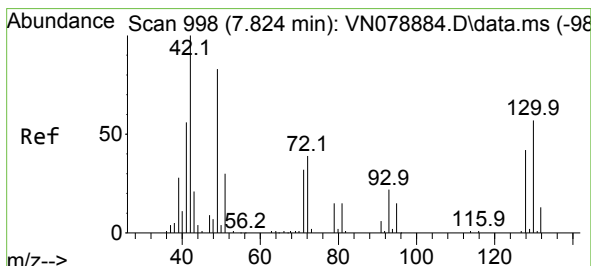
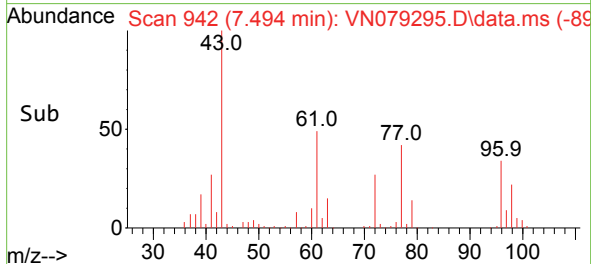
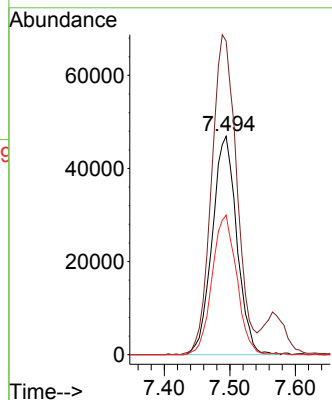
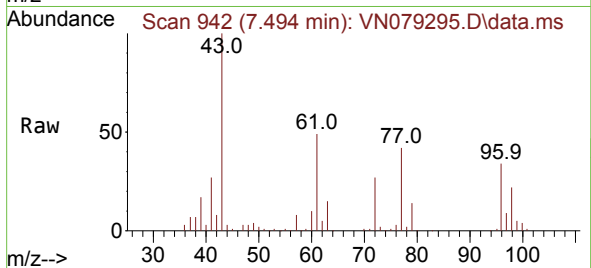




#27
 cis-1,2-Dichloroethene
 Concen: 51.337 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

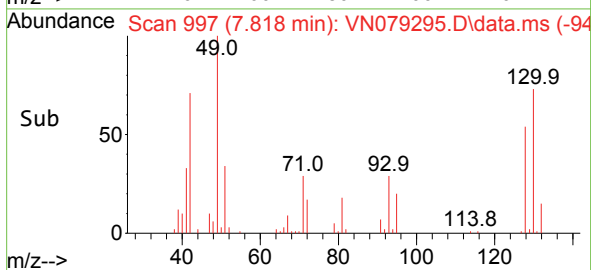
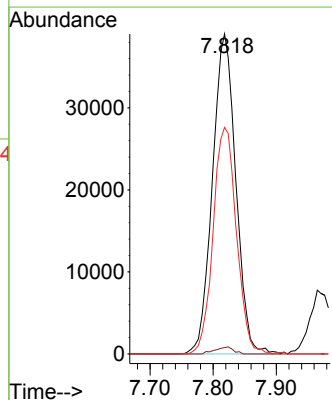
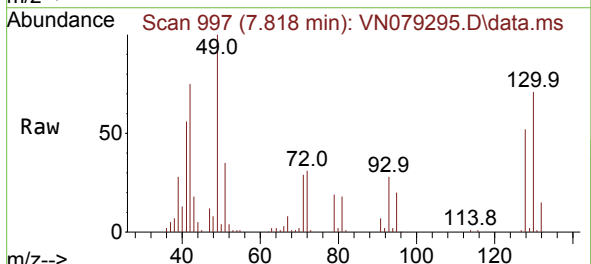
Instrument :
 MSVOA_N
 ClientSampleId :

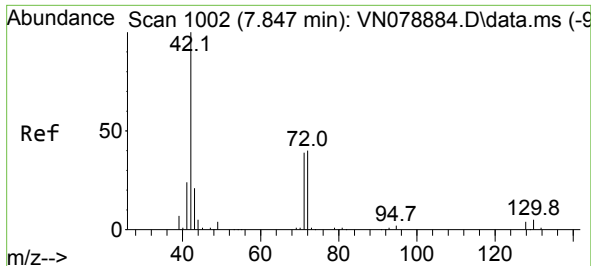
Tgt Ion: 96 Resp: 122398
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 255.2
 98 63.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 57.182 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion: 49 Resp: 100270
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 70.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 282.990 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

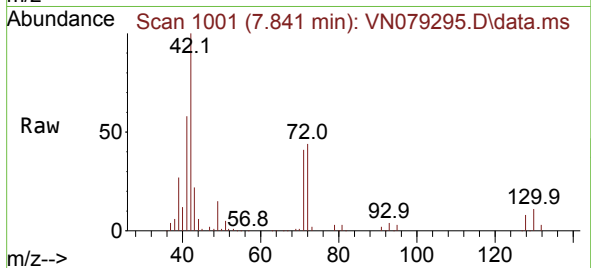
Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :



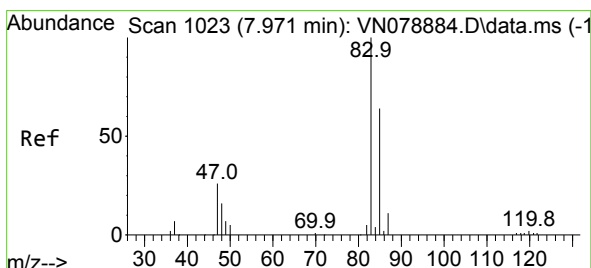
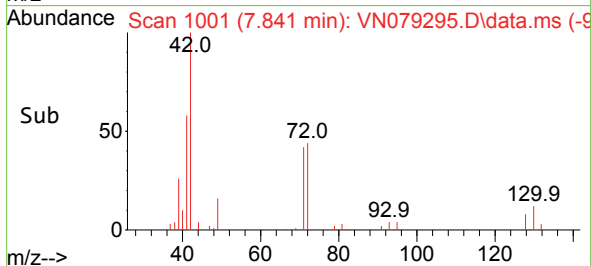
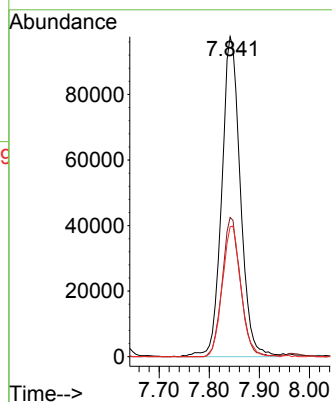
Tgt Ion: 42 Resp: 252466

Ion Ratio Lower Upper

42 100

72 42.5 49.8 74.6#

71 40.8 47.4 71.2#



#30

Chloroform

Concen: 53.200 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079295.D

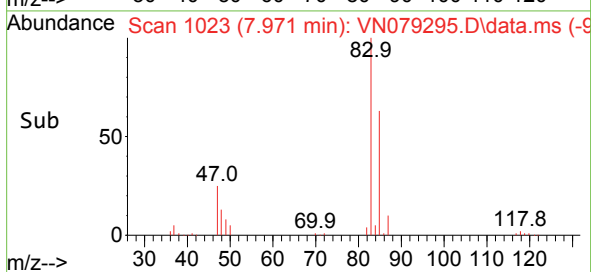
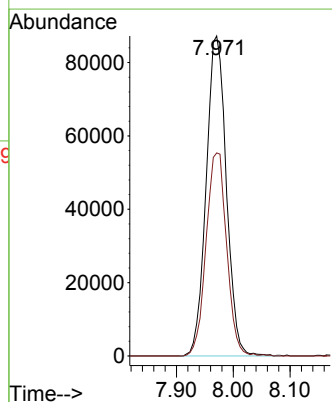
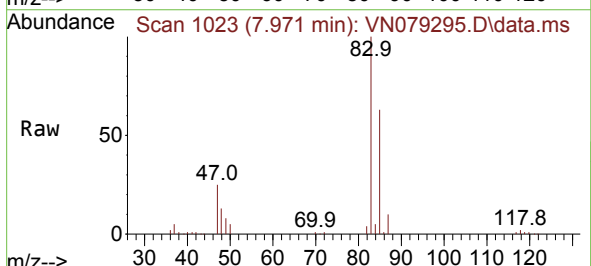
Acq: 18 Sep 2023 19:37

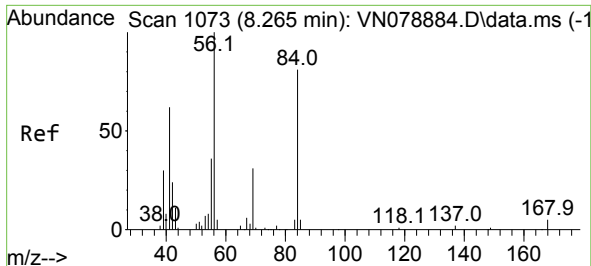
Tgt Ion: 83 Resp: 214821

Ion Ratio Lower Upper

83 100

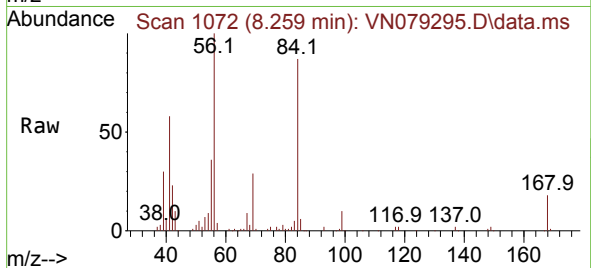
85 63.5 55.4 83.0



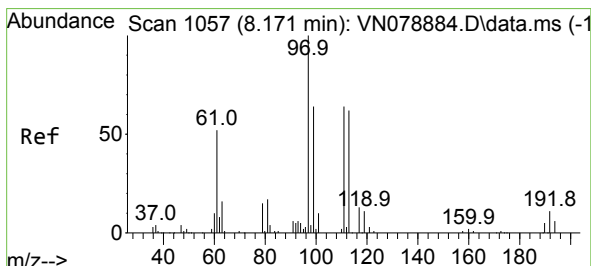
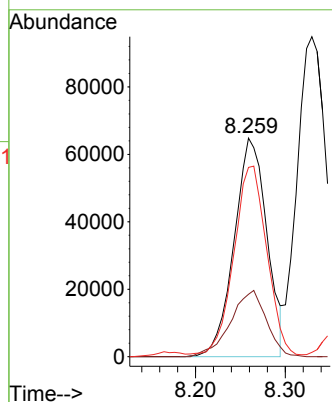
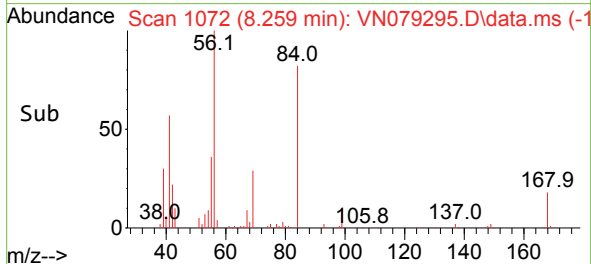


#31
Cyclohexane
Concen: 49.382 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :

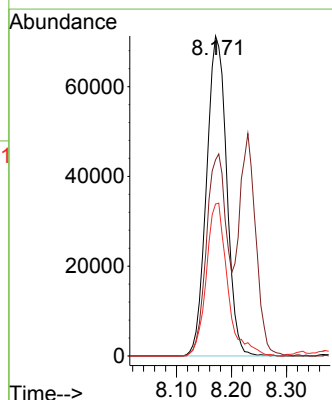
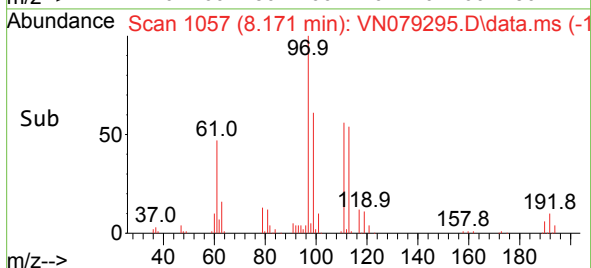
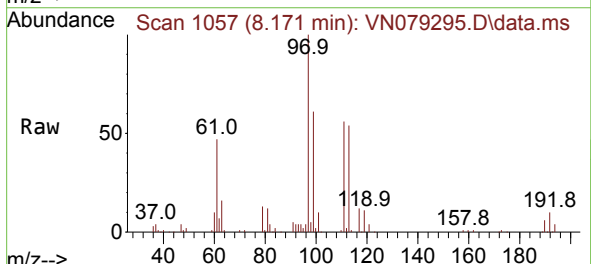


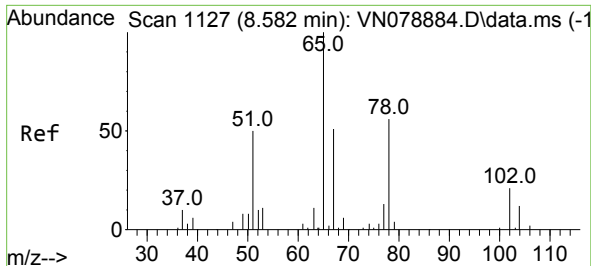
Tgt Ion: 56 Resp: 164039
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 84.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 52.819 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 97 Resp: 181807
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 50.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.876 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

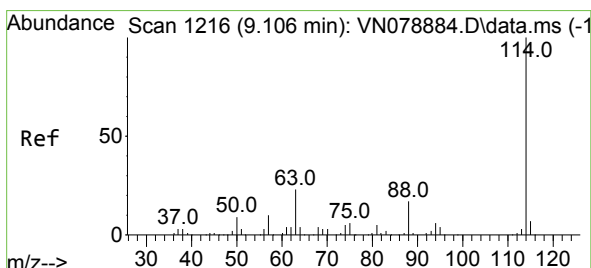
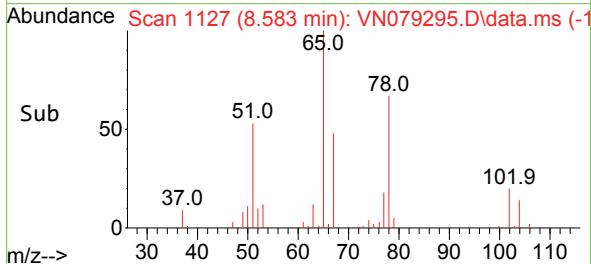
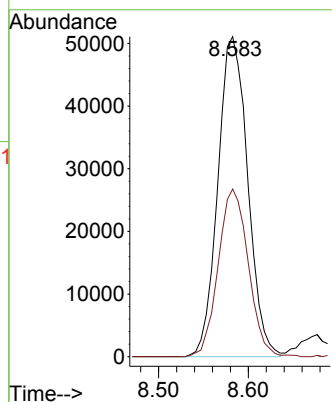
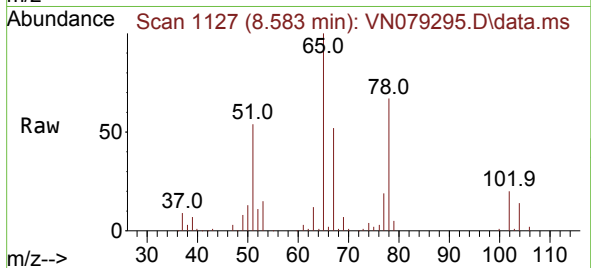
ClientSampleId :

Tgt Ion: 65 Resp: 118018

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

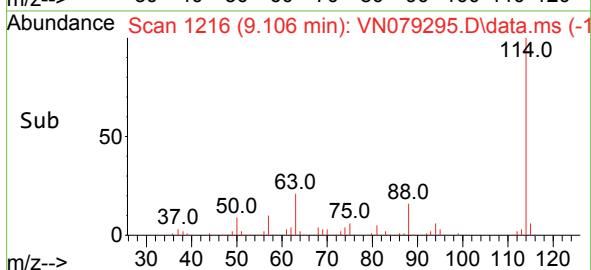
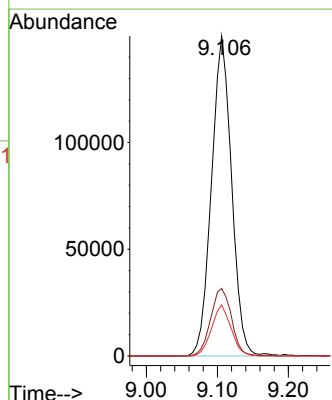
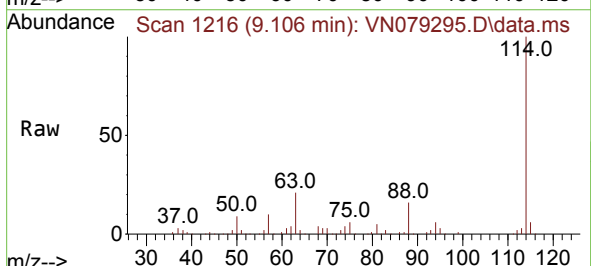
Tgt Ion: 114 Resp: 294412

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

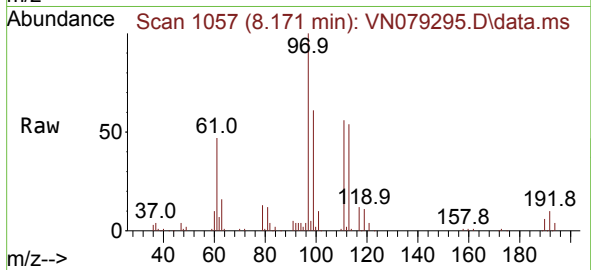
88 15.9 0.0 30.6



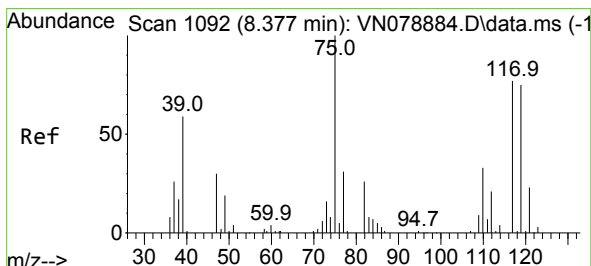
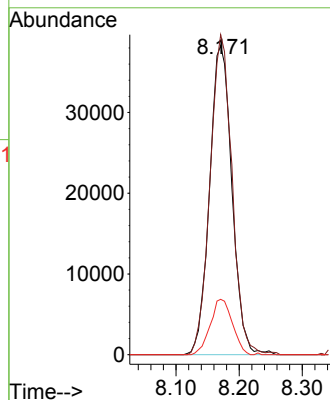
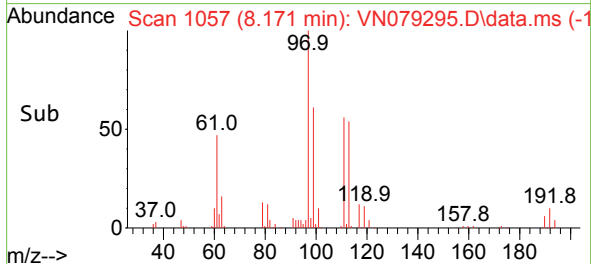


#35
Dibromofluoromethane
Concen: 48.130 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

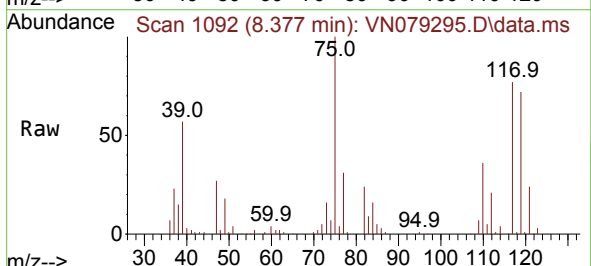
Instrument :
MSVOA_N
ClientSampleId :



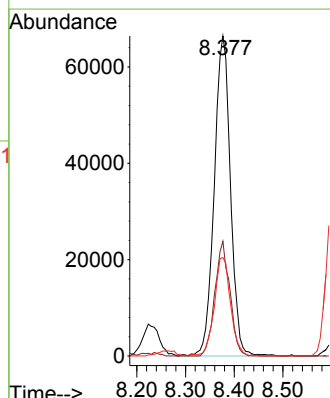
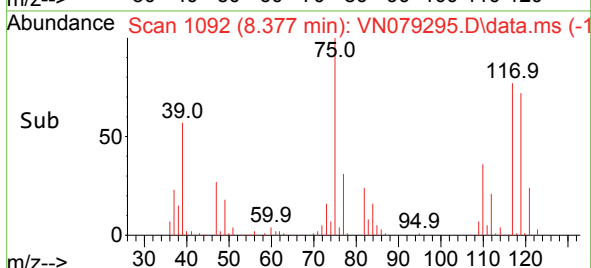
Tgt Ion:113 Resp: 94257
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 17.7 12.7 19.1

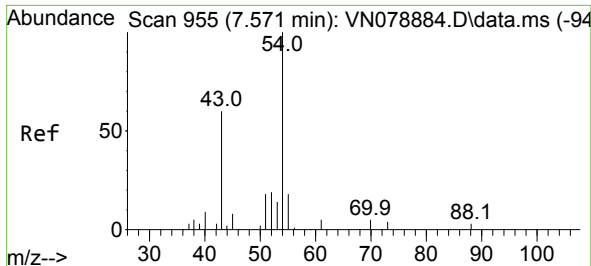


#36
1,1-Dichloropropene
Concen: 50.925 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37



Tgt Ion: 75 Resp: 153721
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.9 25.0 37.4

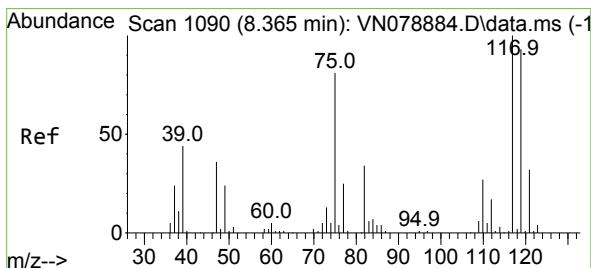
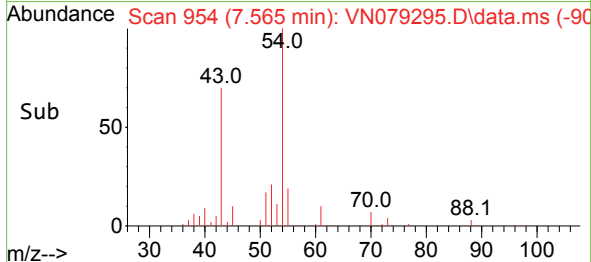
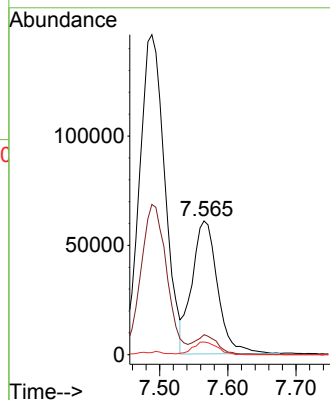
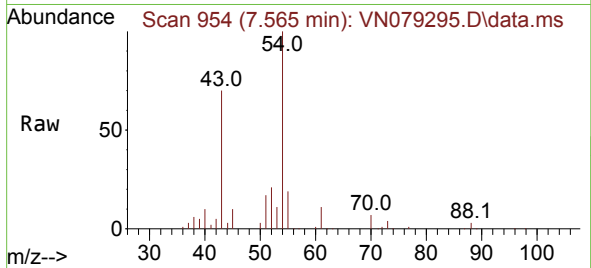




#37
Ethyl Acetate
Concen: 52.786 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

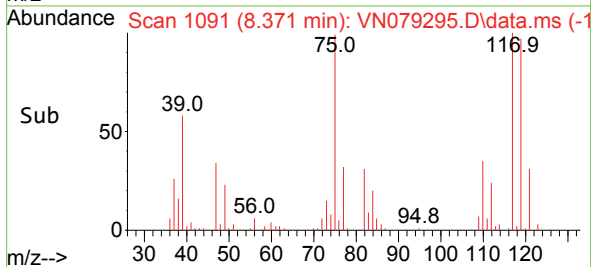
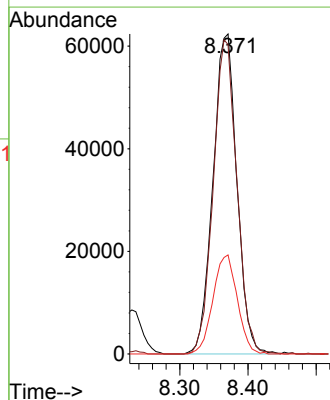
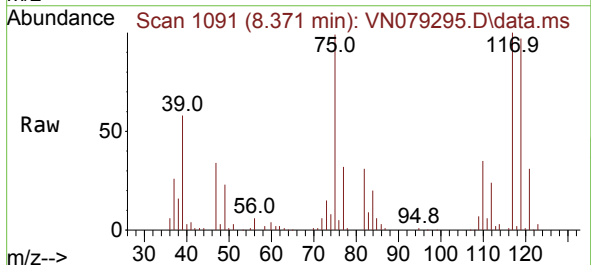
Instrument :
MSVOA_N
ClientSampleId :

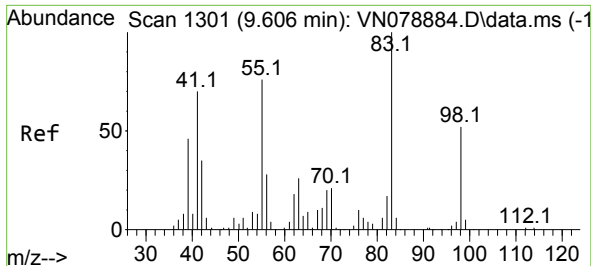
Tgt Ion: 43 Resp: 158930
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 9.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 48.699 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 117 Resp: 152124
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 52.416 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

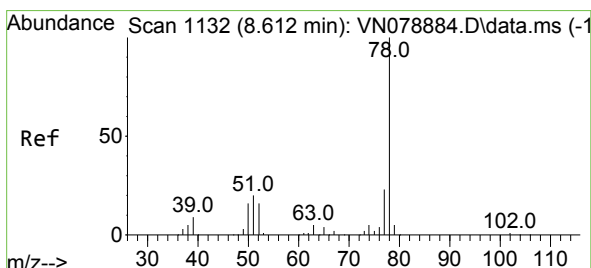
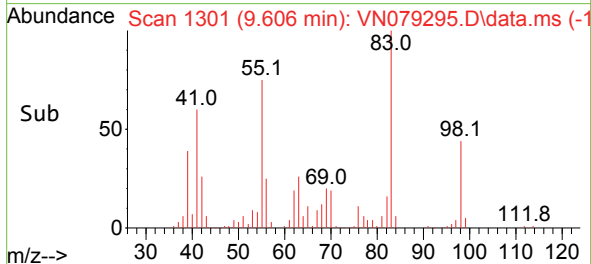
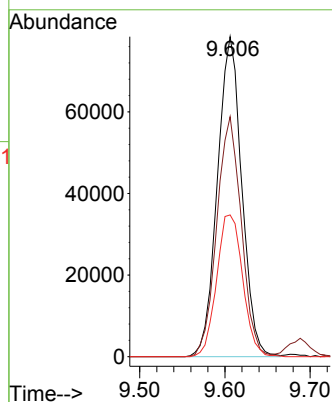
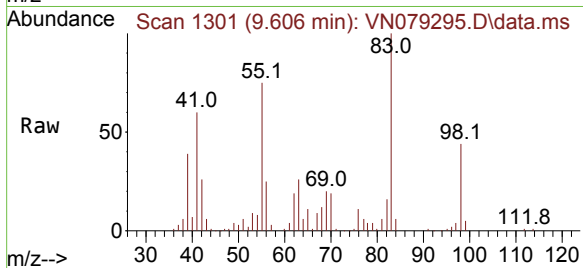
Tgt Ion: 83 Resp: 156070

Ion Ratio Lower Upper

83 100

55 75.0 49.1 73.7#

98 44.3 40.6 61.0



#40

Benzene

Concen: 49.670 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079295.D

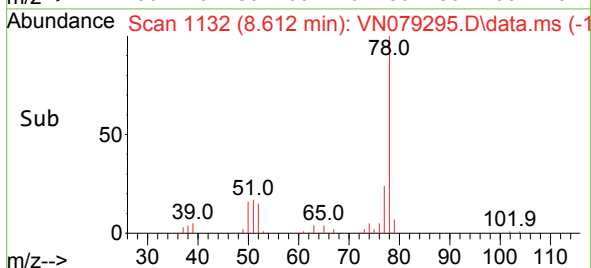
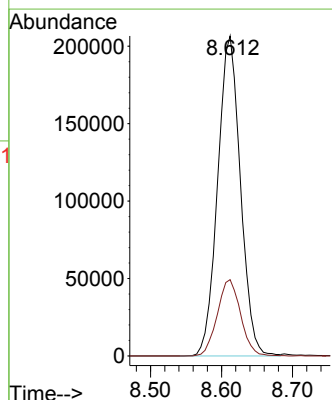
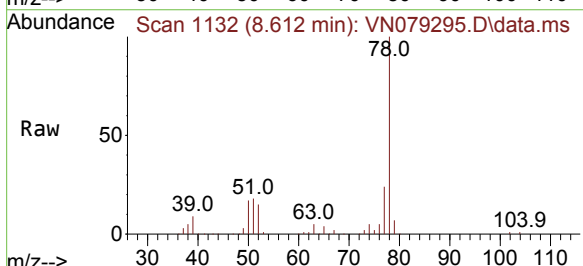
Acq: 18 Sep 2023 19:37

Tgt Ion: 78 Resp: 458978

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

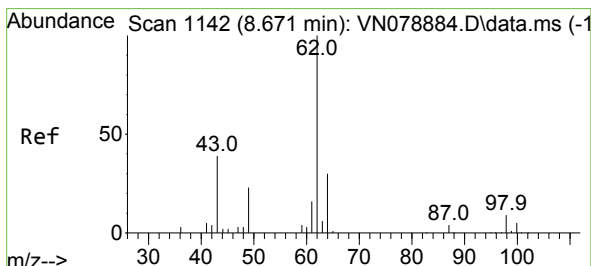
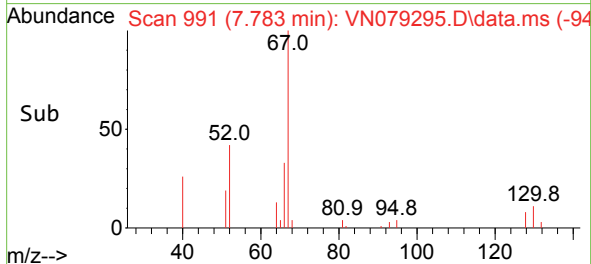
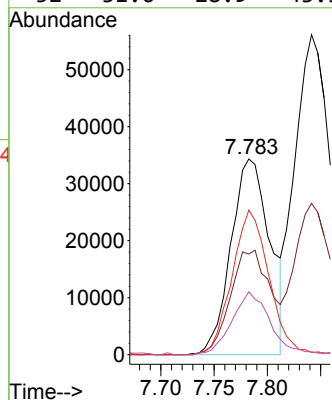
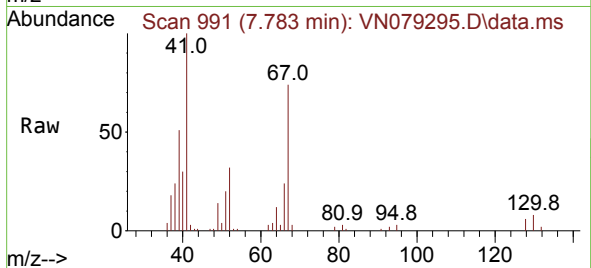




#41
Methacrylonitrile
Concen: 57.538 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

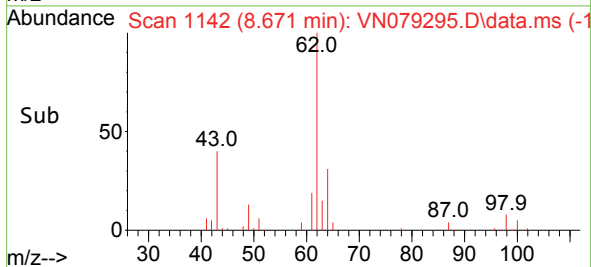
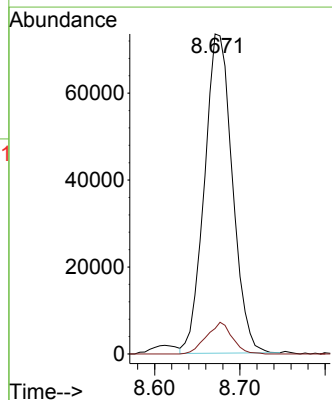
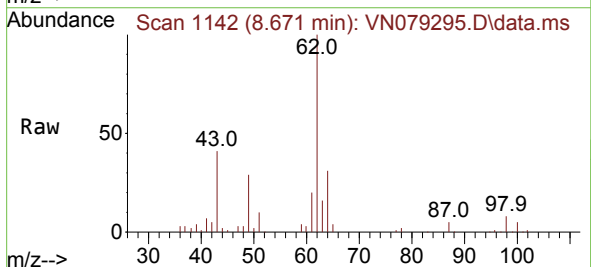
Instrument :
MSVOA_N
ClientSampleId :

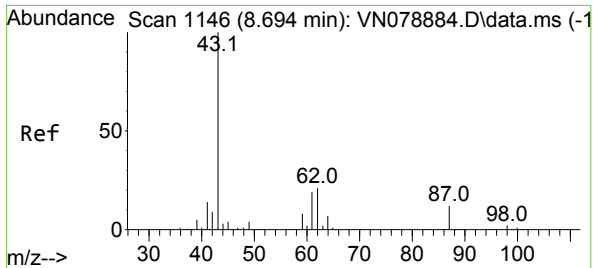
Tgt Ion: 41	Resp: 87346
Ion Ratio	Lower Upper
41 100	
39 55.1	42.6 64.0
67 70.9	77.5 116.3#
52 31.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 52.543 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 62	Resp: 167150
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 19.8

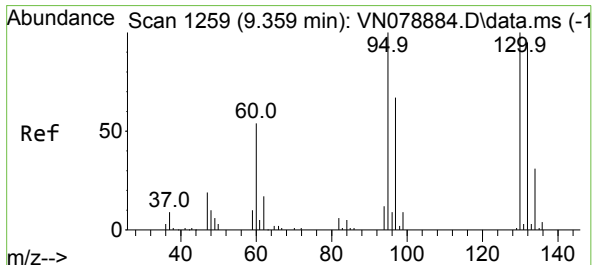
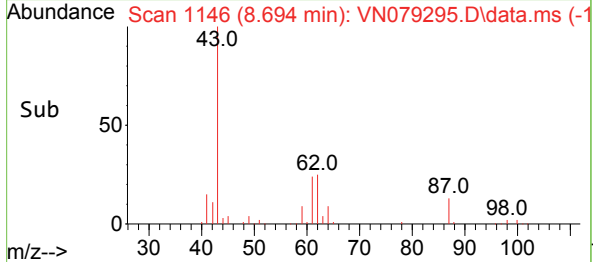
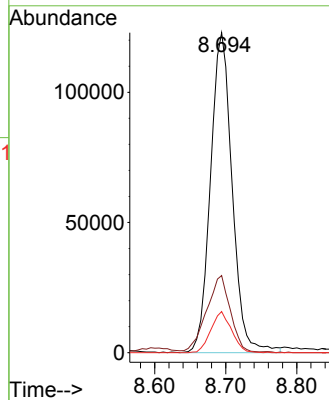
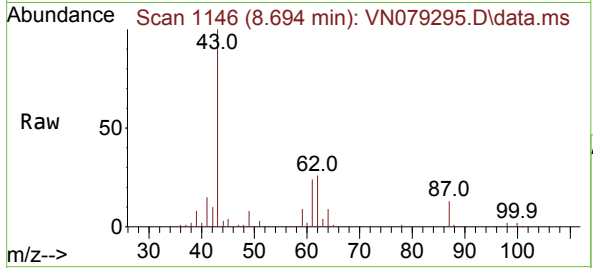




#43
Isopropyl Acetate
Concen: 53.055 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

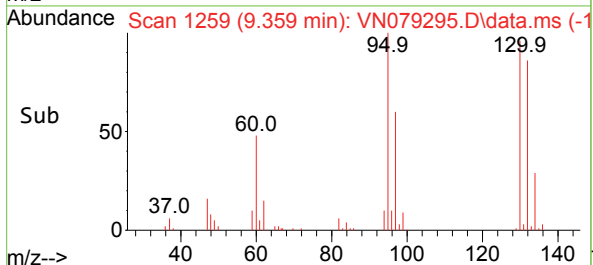
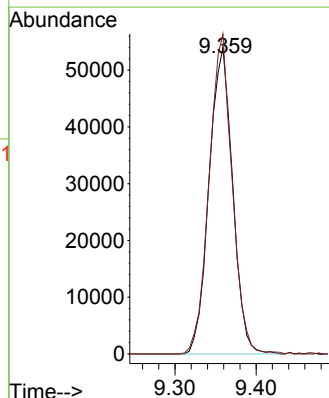
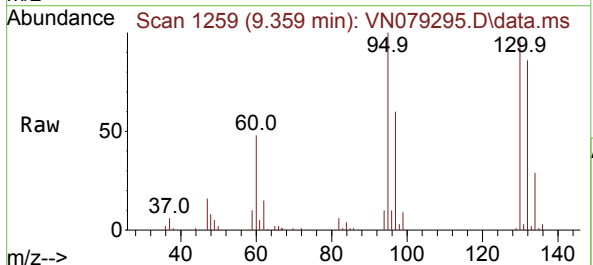
Instrument :
MSVOA_N
ClientSampleId :

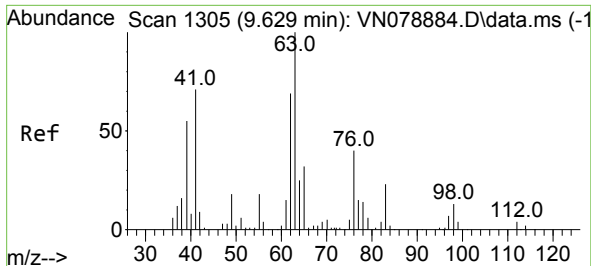
Tgt Ion: 43 Resp: 260642
Ion Ratio Lower Upper
43 100
61 26.1 24.7 37.1
87 12.2 14.6 21.8#



#44
Trichloroethene
Concen: 47.764 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion:130 Resp: 108729
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.6

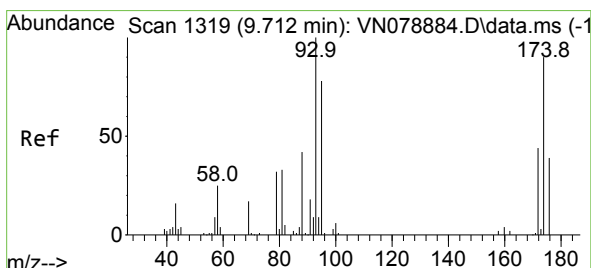
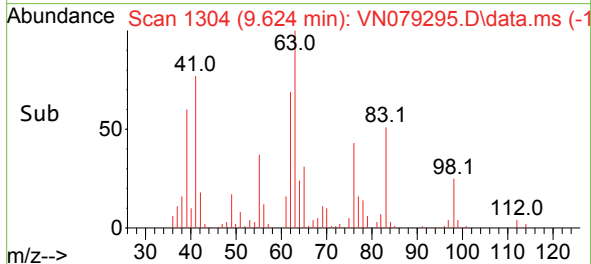
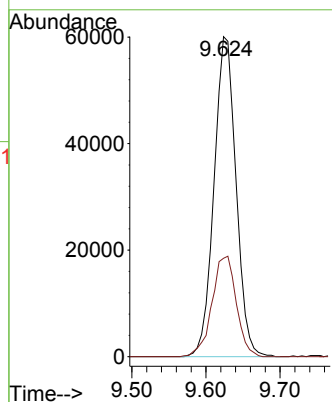
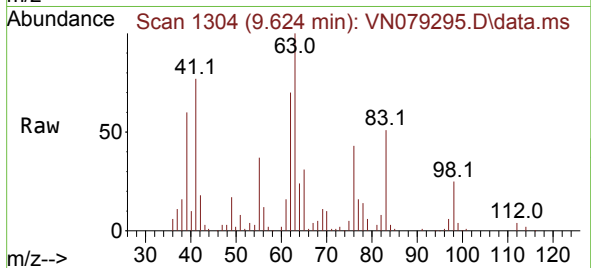




#45
1,2-Dichloropropane
Concen: 54.014 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

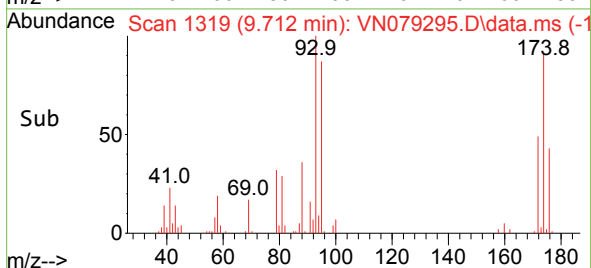
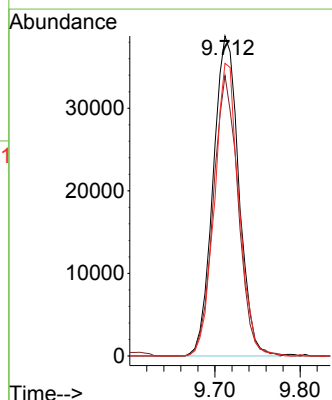
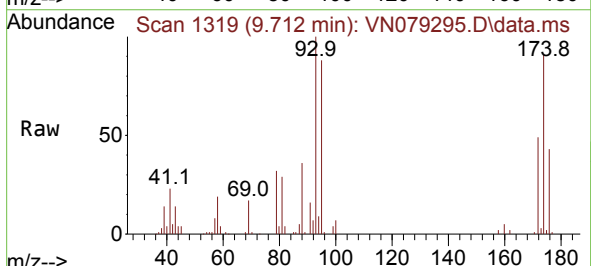
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 123872
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9



#46
Dibromomethane
Concen: 52.089 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 93 Resp: 81093
Ion Ratio Lower Upper
93 100
95 84.5 63.8 95.8
174 87.1 65.6 98.4

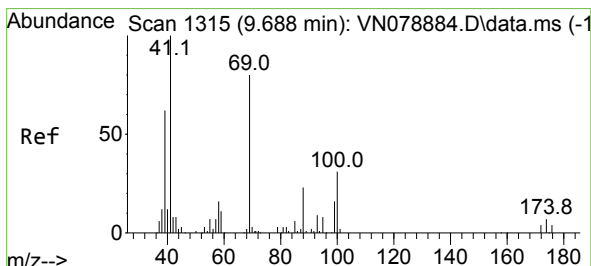
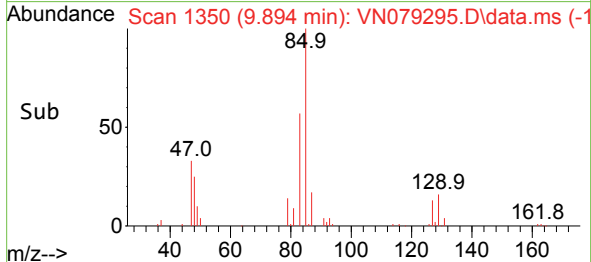
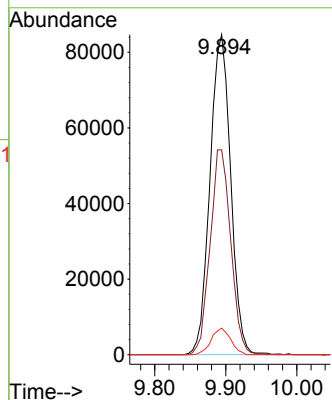
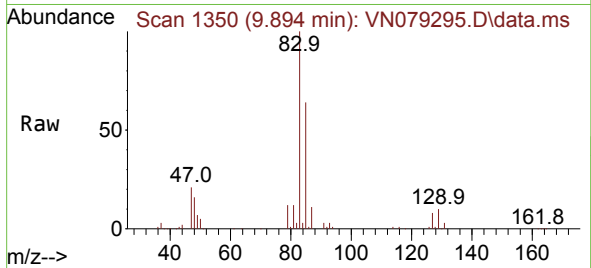




#47
Bromodichloromethane
Concen: 53.704 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

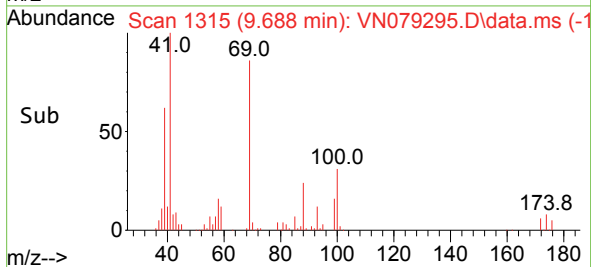
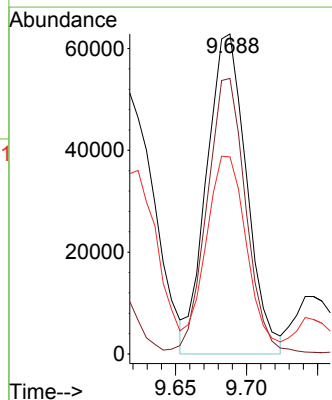
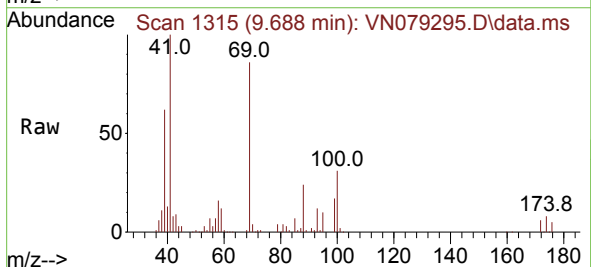
Instrument :
MSVOA_N
ClientSampleId :

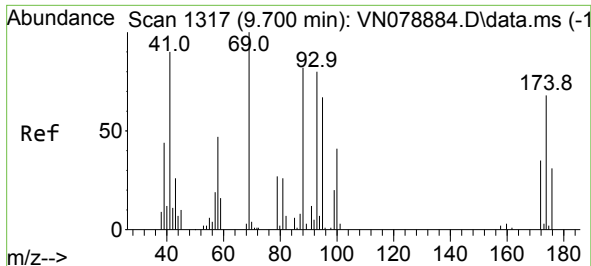
Tgt Ion: 83 Resp: 171247
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 55.885 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 41 Resp: 122975
Ion Ratio Lower Upper
41 100
69 83.2 90.4 135.6#
39 63.2 54.6 81.8





#49

1,4-Dioxane

Concen: 975.735 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

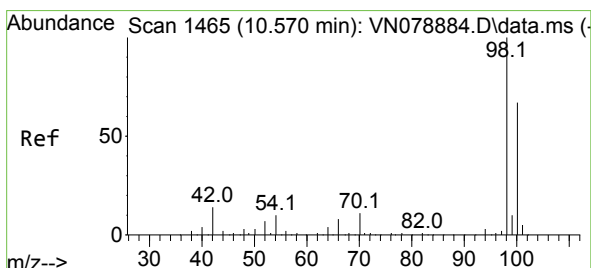
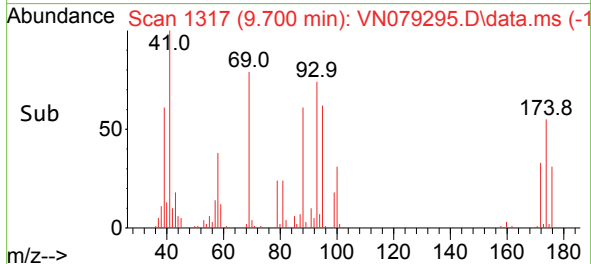
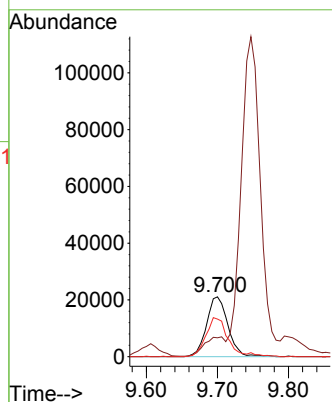
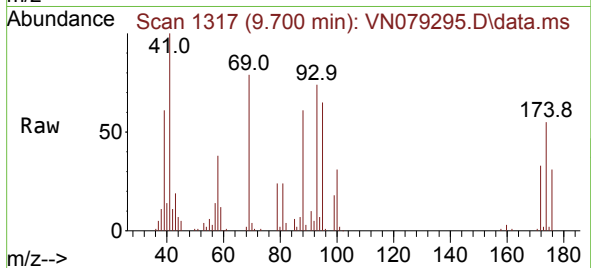
Tgt Ion: 88 Resp: 44162

Ion Ratio Lower Upper

88 100

43 31.7 17.0 25.6#

58 68.3 47.0 70.4



#50

Toluene-d8

Concen: 48.536 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079295.D

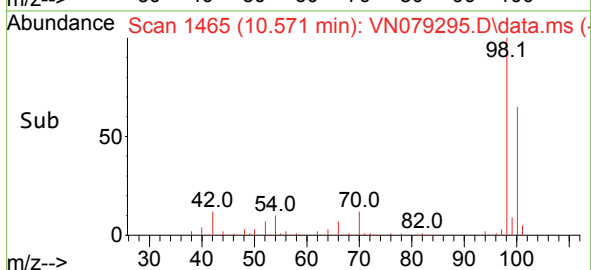
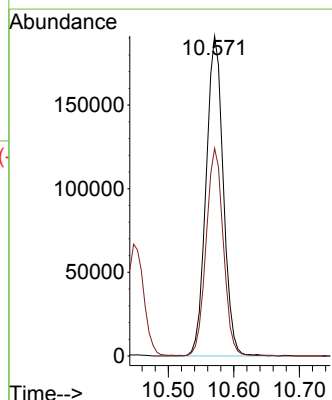
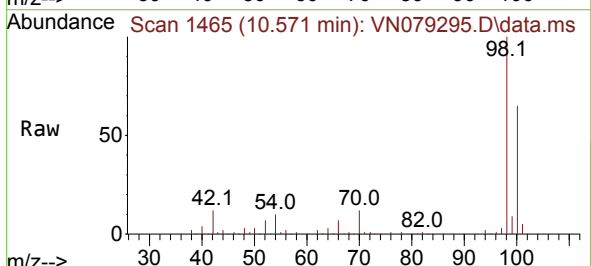
Acq: 18 Sep 2023 19:37

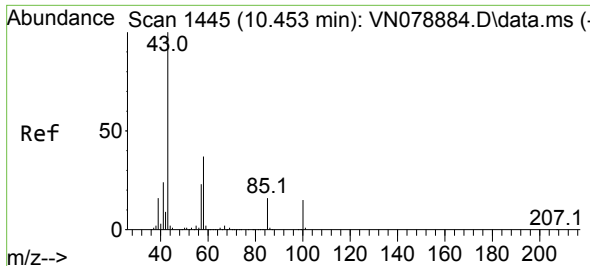
Tgt Ion: 98 Resp: 349013

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

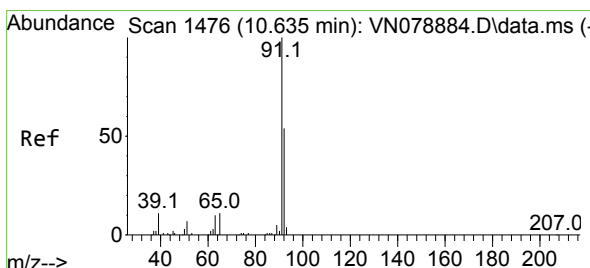
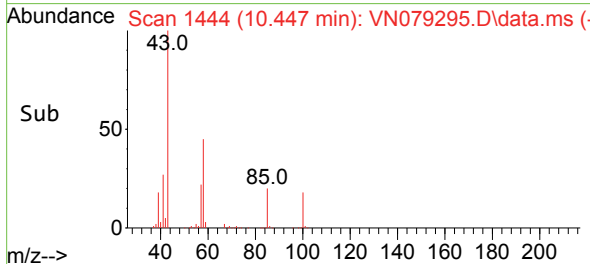
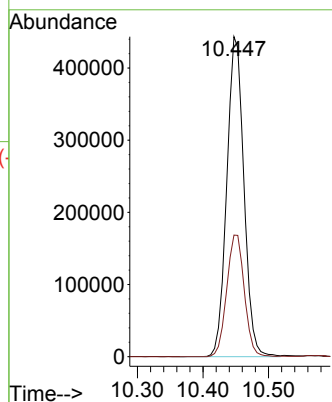
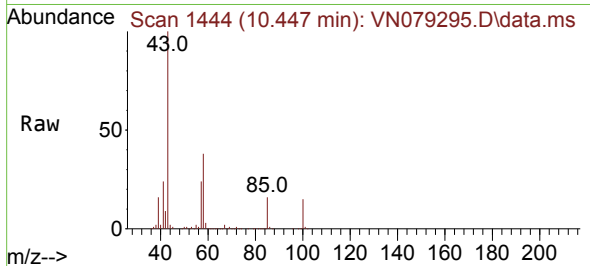




#51
4-Methyl-2-Pentanone
Concen: 281.719 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

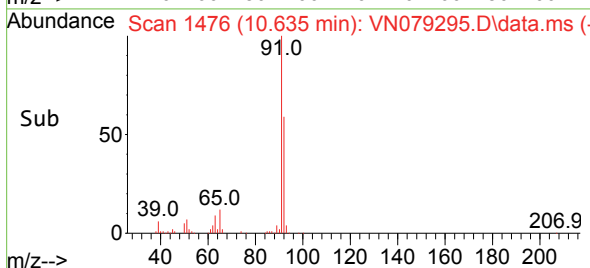
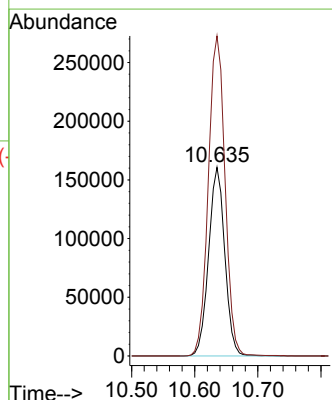
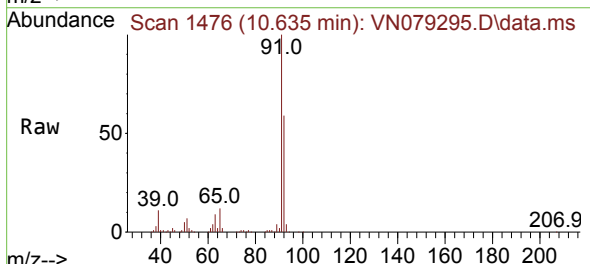
Instrument :
MSVOA_N
ClientSampleId :

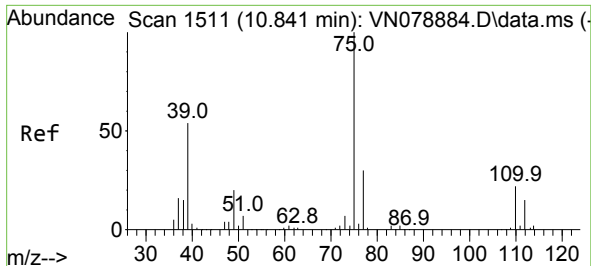
Tgt Ion: 43 Resp: 803403
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#52
Toluene
Concen: 50.346 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 92 Resp: 285910
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0

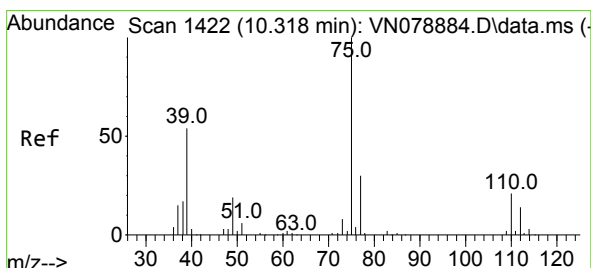
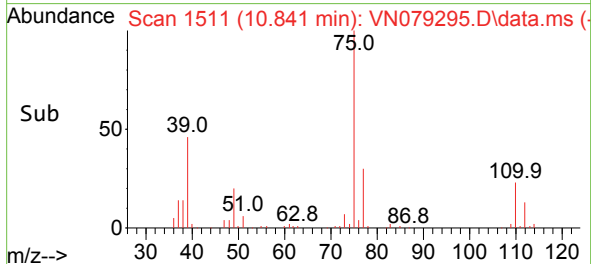
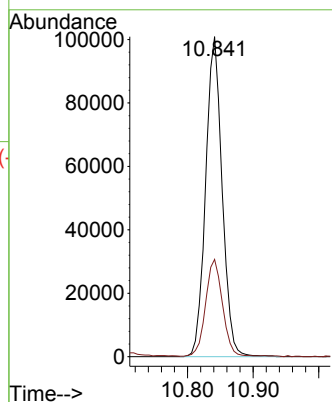
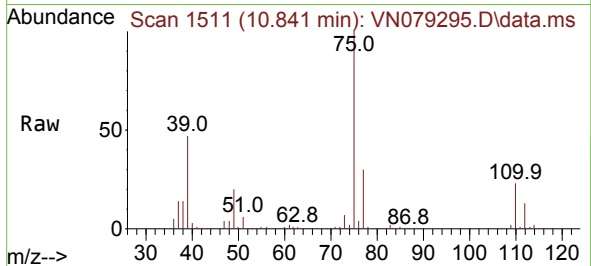




#53
 t-1,3-Dichloropropene
 Concen: 52.473 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

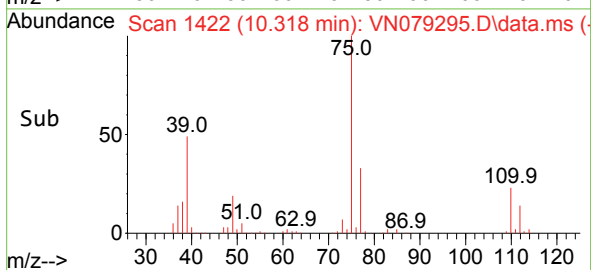
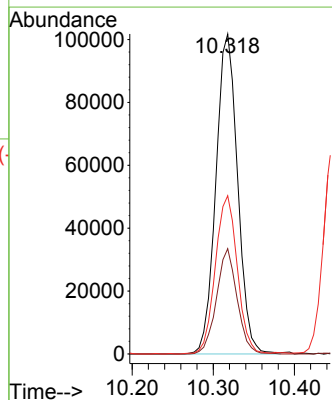
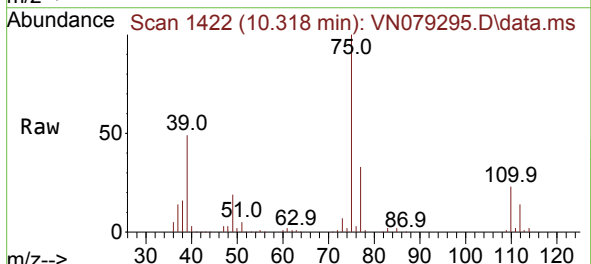
Instrument :
 MSVOA_N
 ClientSampleId :

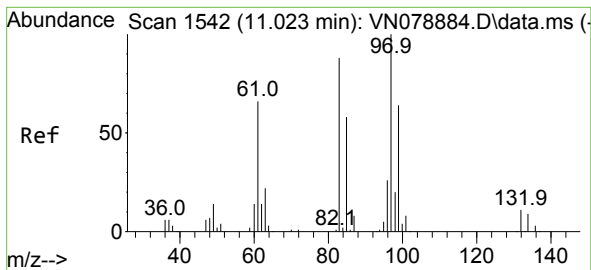
Tgt Ion: 75 Resp: 176428
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.633 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion: 75 Resp: 189276
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 39 49.4 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 51.905 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.006 min

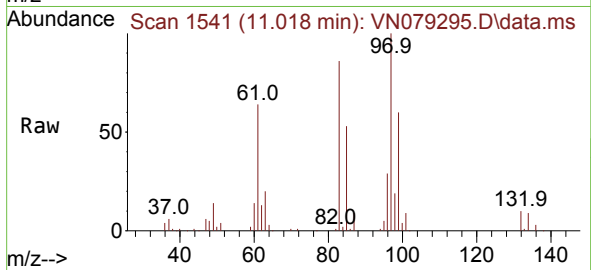
Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 115660

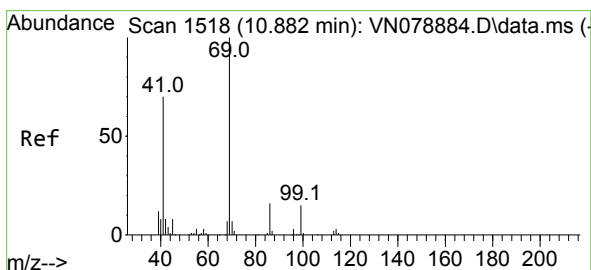
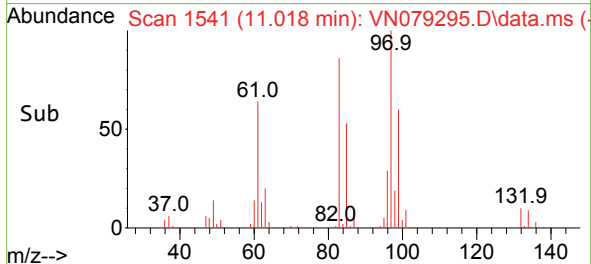
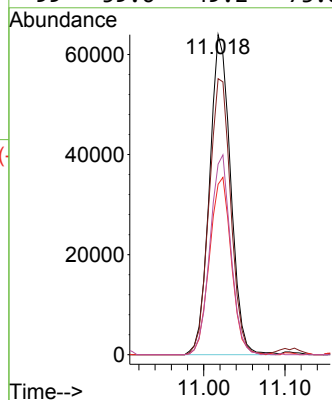
Ion Ratio Lower Upper

97 100

83 86.2 65.1 97.7

85 53.2 43.4 65.2

99 59.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 54.712 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

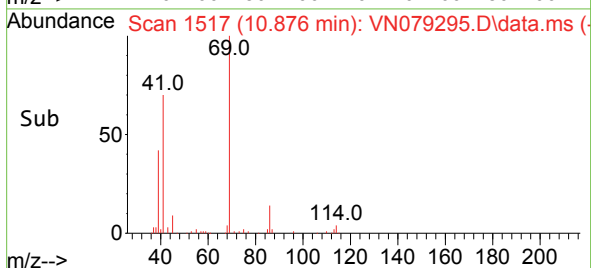
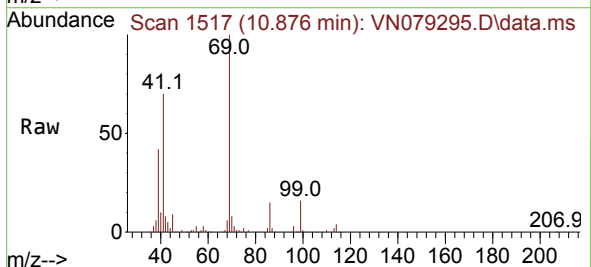
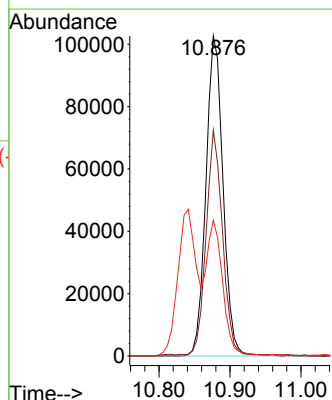
Tgt Ion: 69 Resp: 172097

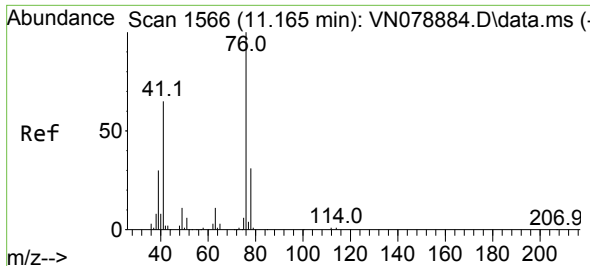
Ion Ratio Lower Upper

69 100

41 67.0 39.6 59.4#

39 40.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.855 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

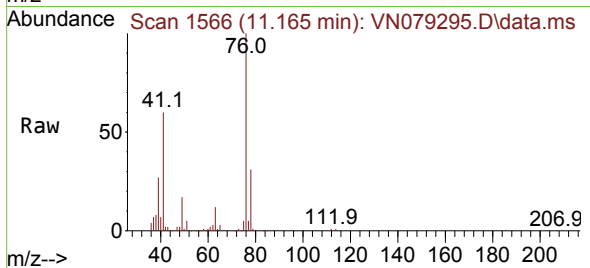
Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

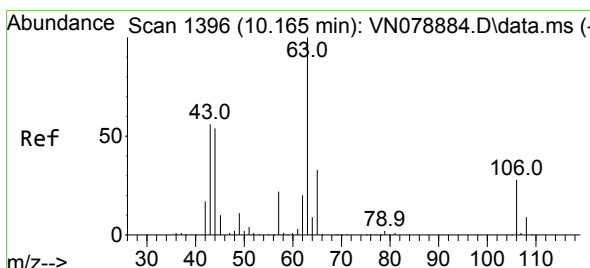
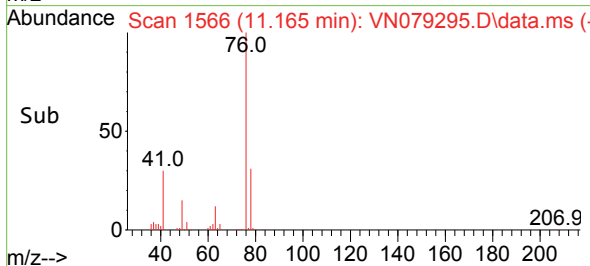
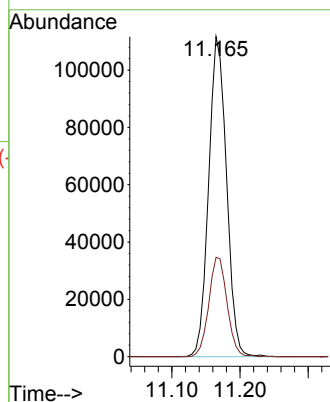


Tgt Ion: 76 Resp: 203600

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 244.898 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079295.D

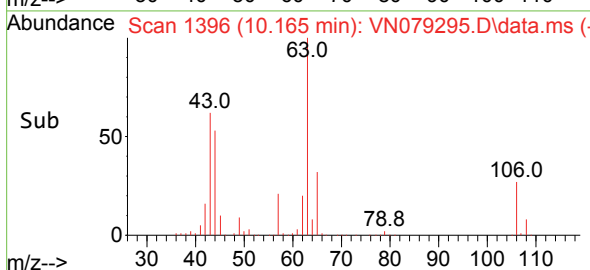
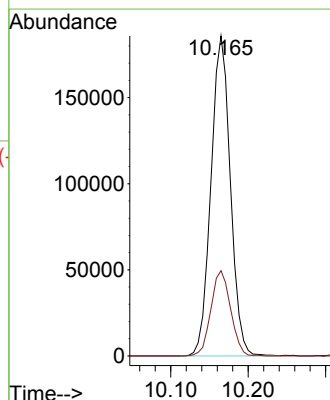
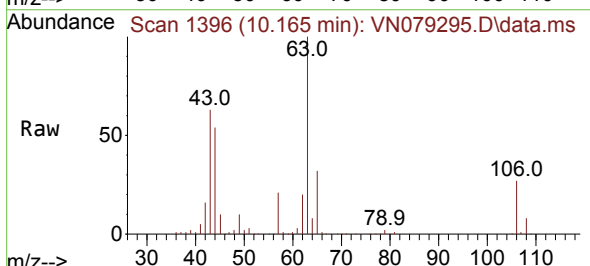
Acq: 18 Sep 2023 19:37

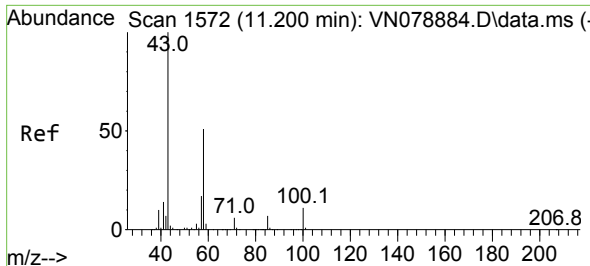
Tgt Ion: 63 Resp: 323154

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

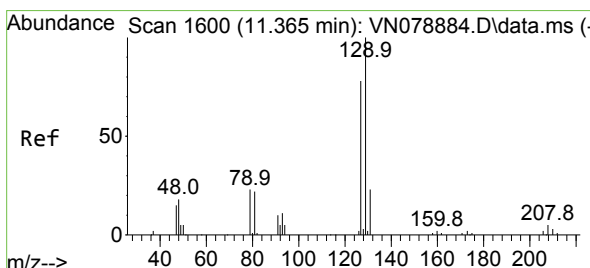
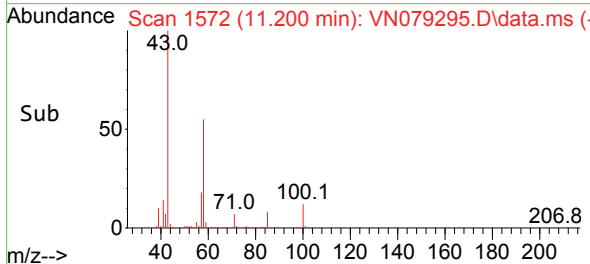
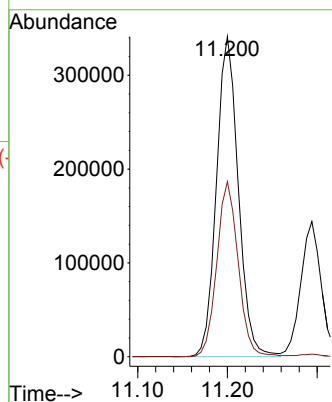
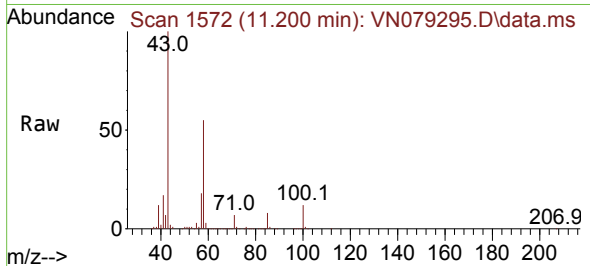




#59
2-Hexanone
Concen: 279.236 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

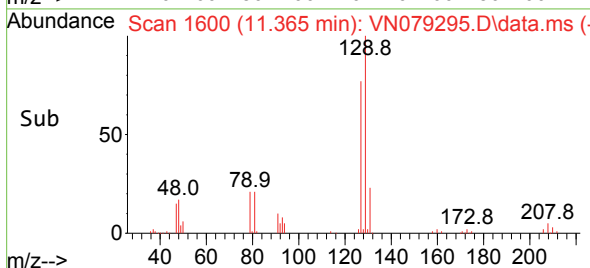
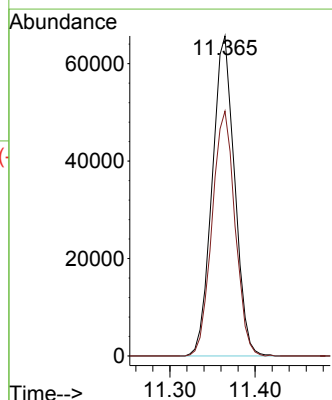
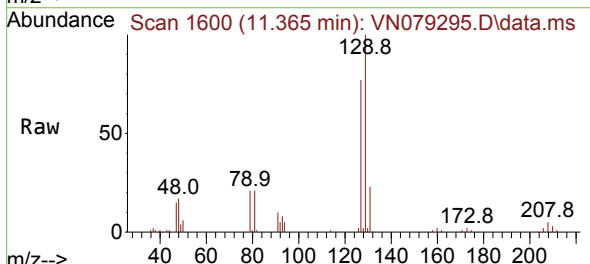
Instrument :
MSVOA_N
ClientSampleId :

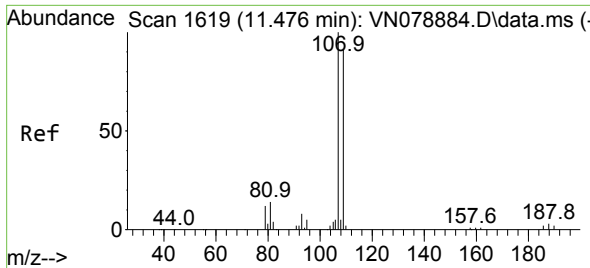
Tgt Ion: 43 Resp: 576767
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1



#60
Dibromochloromethane
Concen: 50.655 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion:129 Resp: 120130
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

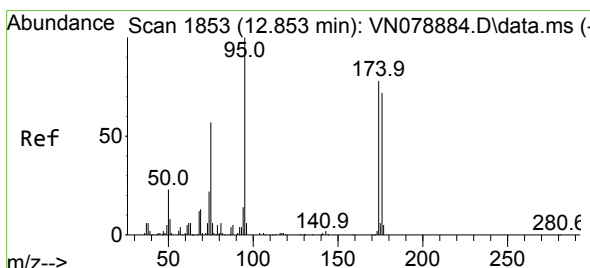
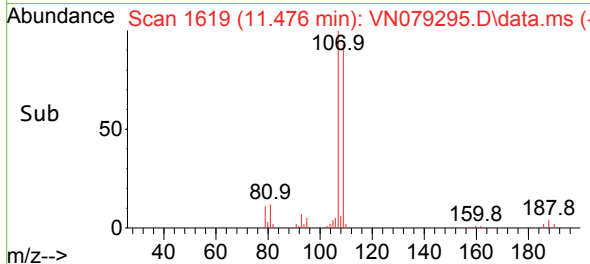
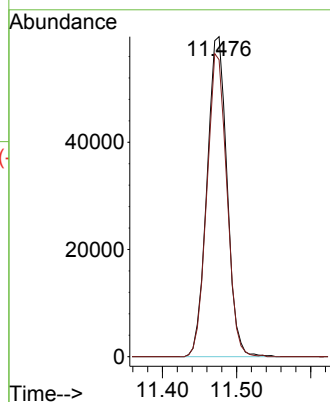
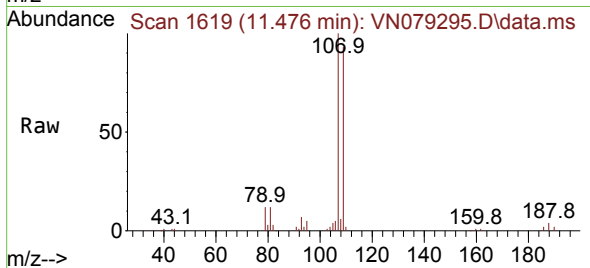




#61
1,2-Dibromoethane
Concen: 50.437 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

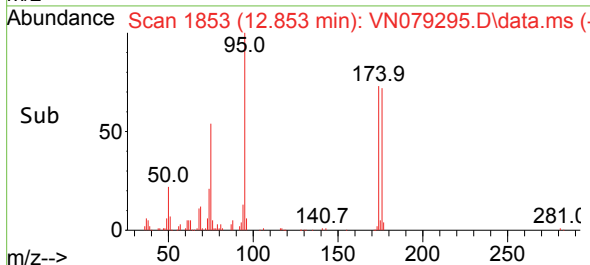
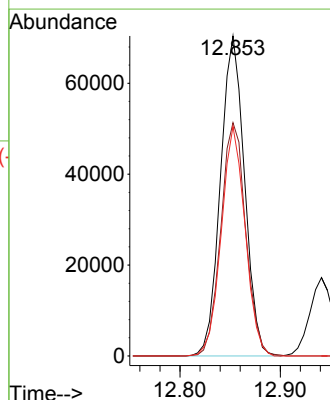
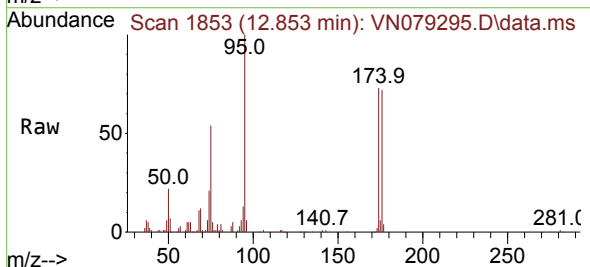
Instrument :
MSVOA_N
ClientSampleId :

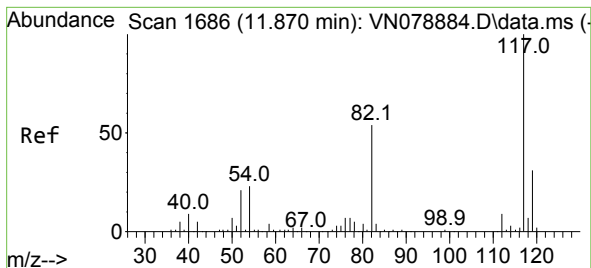
Tgt Ion:107 Resp: 112159
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.047 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 95 Resp: 117089
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.1 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: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

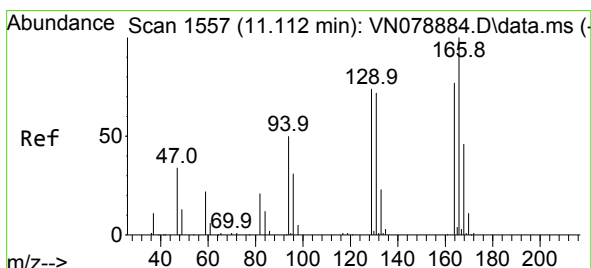
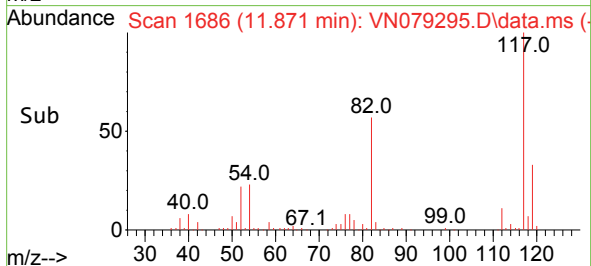
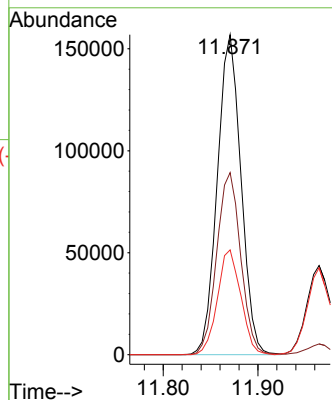
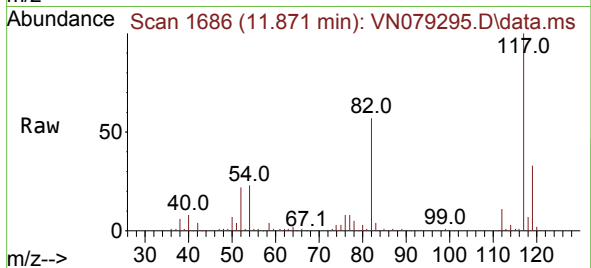
Tgt Ion:117 Resp: 272663

Ion Ratio Lower Upper

117 100

82 56.9 44.0 66.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 43.810 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Tgt Ion:164 Resp: 87101

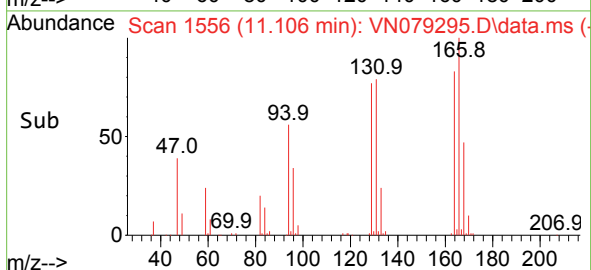
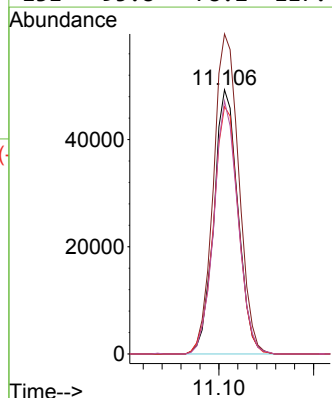
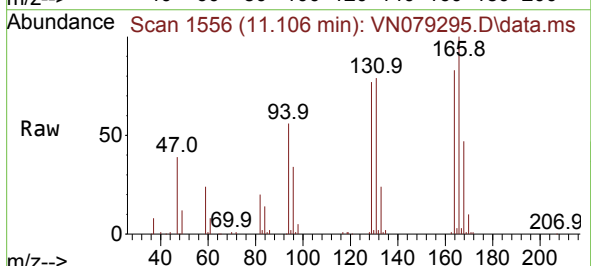
Ion Ratio Lower Upper

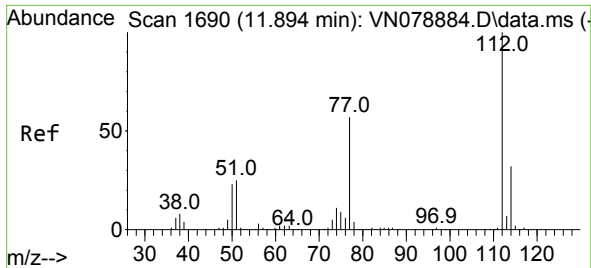
164 100

166 121.2 101.4 152.0

129 93.7 82.4 123.6

131 95.8 78.2 117.4

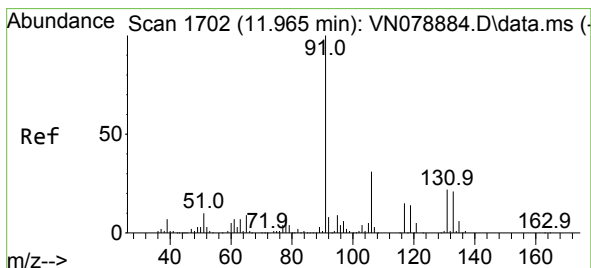
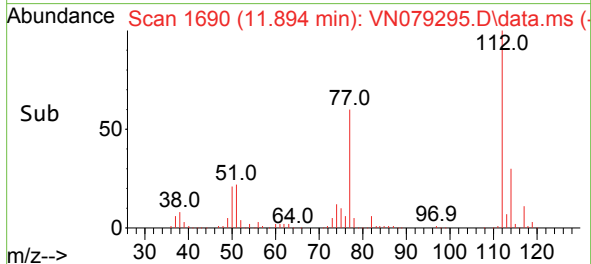
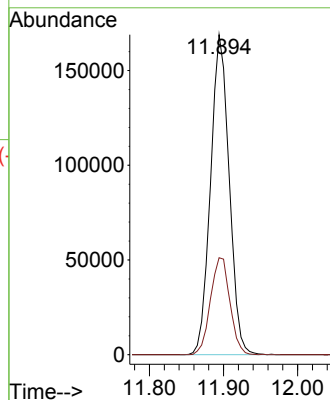
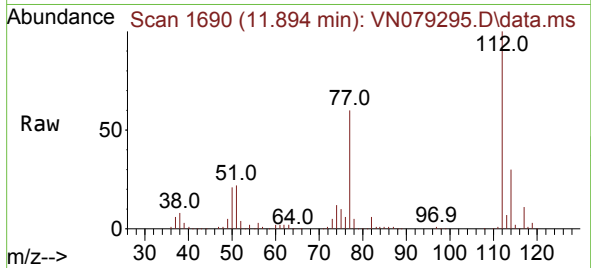




#65
Chlorobenzene
Concen: 47.758 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

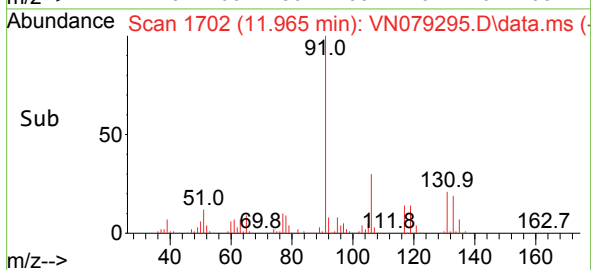
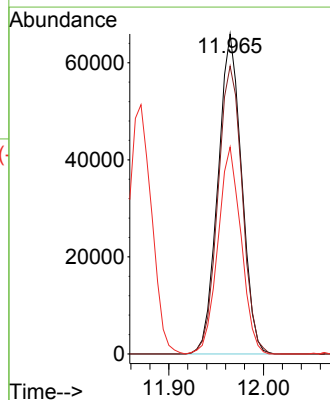
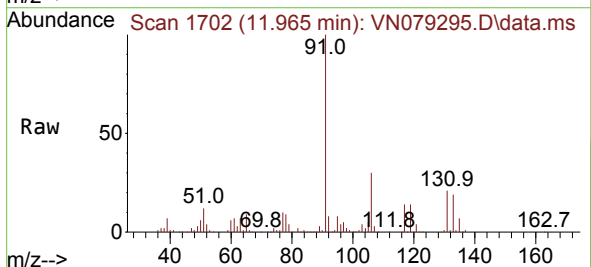
Instrument :
MSVOA_N
ClientSampleId :

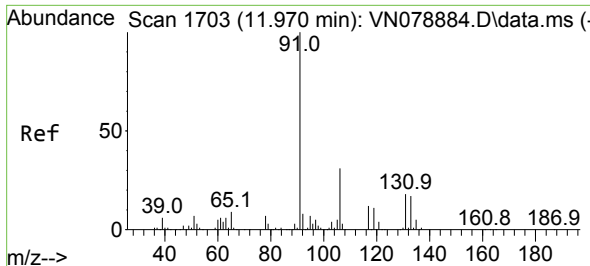
Tgt Ion:112 Resp: 294994
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.525 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion:131 Resp: 114711
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 63.3 34.1 102.2

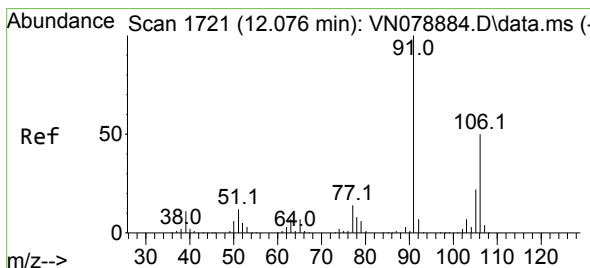
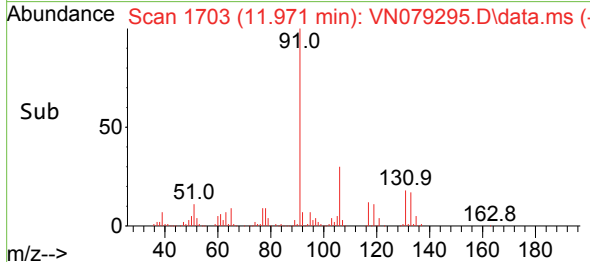
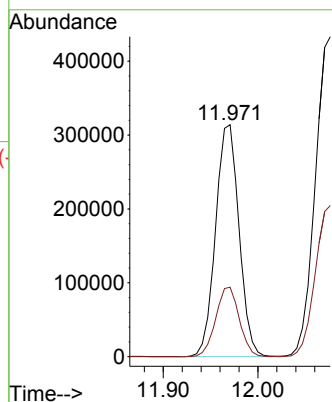
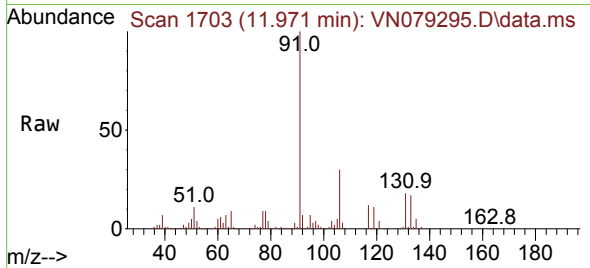




#67
Ethyl Benzene
Concen: 51.176 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

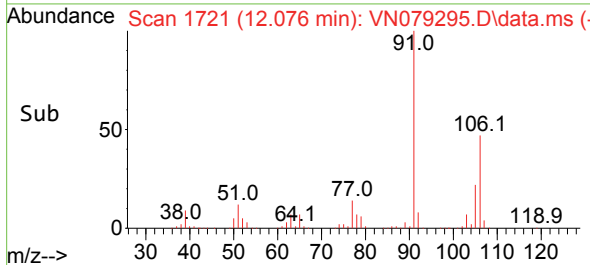
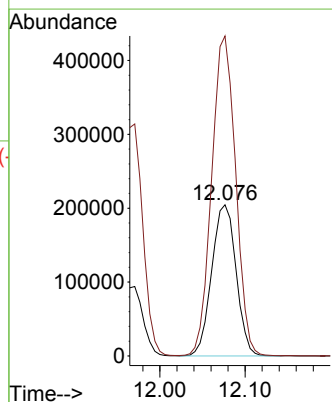
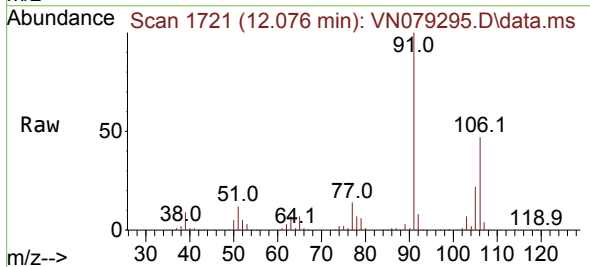
Instrument :
MSVOA_N
ClientSampleId :

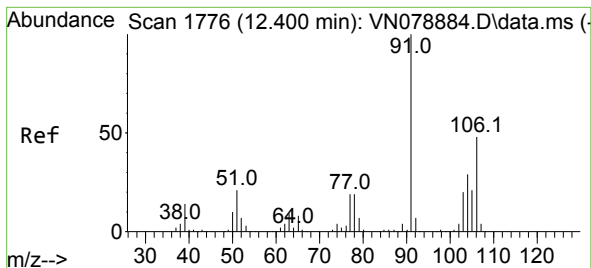
Tgt Ion: 91 Resp: 540697
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 103.308 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion:106 Resp: 406837
Ion Ratio Lower Upper
106 100
91 208.6 159.6 239.4





#69

o-Xylene

Concen: 52.660 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

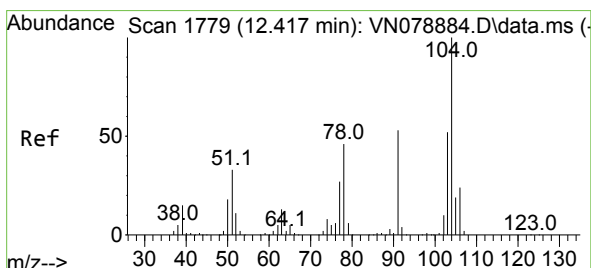
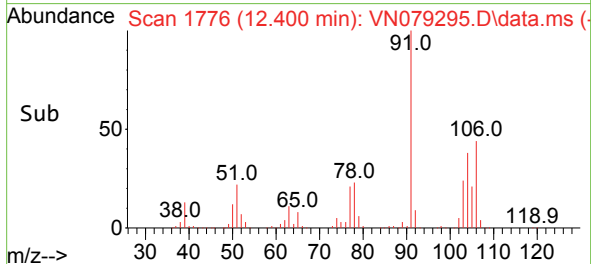
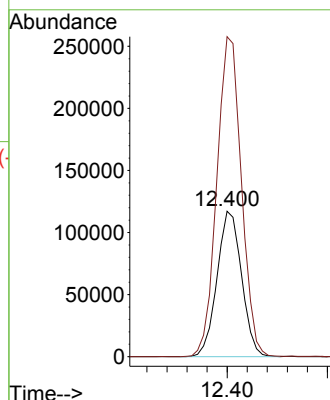
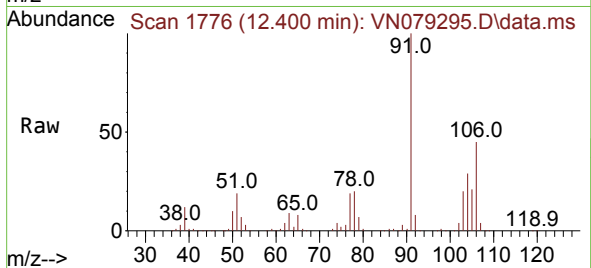
ClientSampleId :

Tgt Ion:106 Resp: 198892

Ion Ratio Lower Upper

106 100

91 220.5 105.2 315.5



#70

Styrene

Concen: 54.273 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

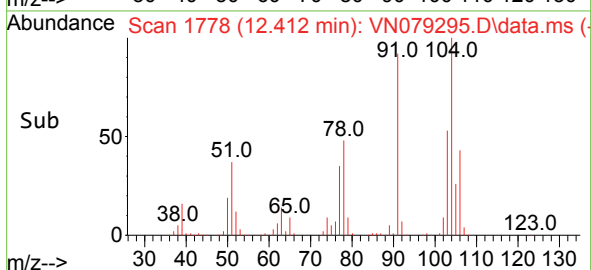
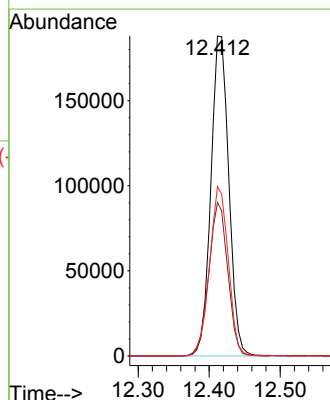
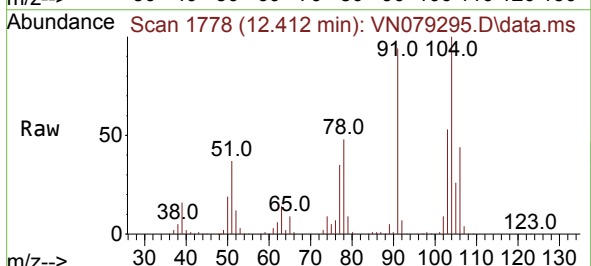
Tgt Ion:104 Resp: 329678

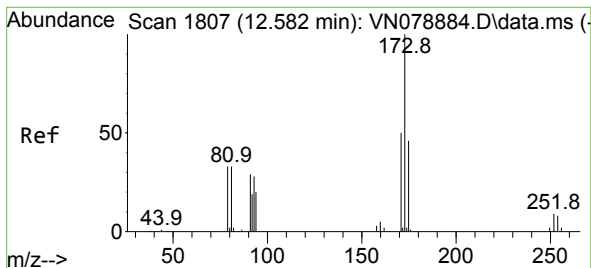
Ion Ratio Lower Upper

104 100

78 50.7 39.5 59.3

103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.708 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

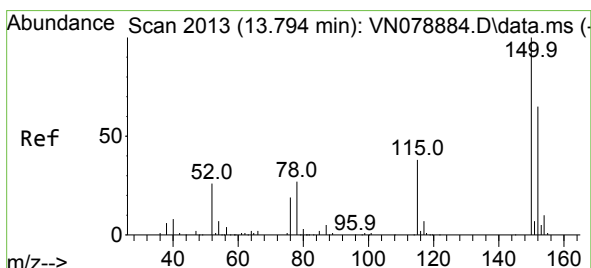
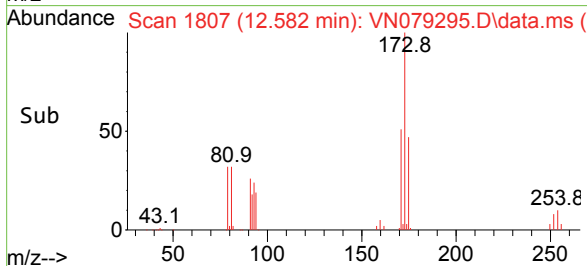
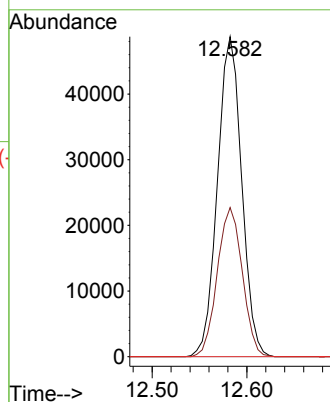
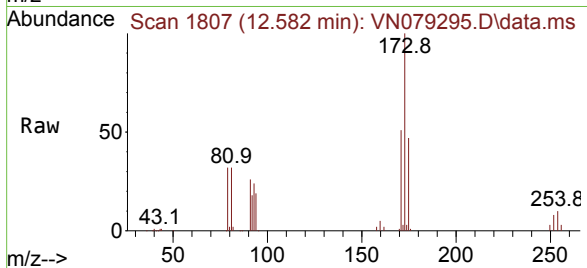
Tgt Ion:173 Resp: 86707

Ion Ratio Lower Upper

173 100

175 48.1 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: VN079295.D

Acq: 18 Sep 2023 19:37

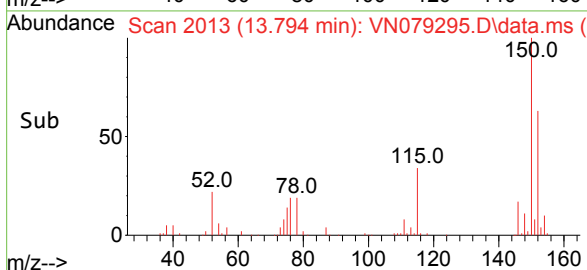
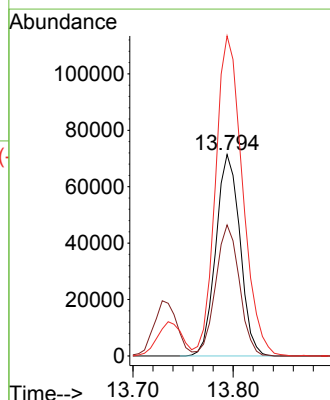
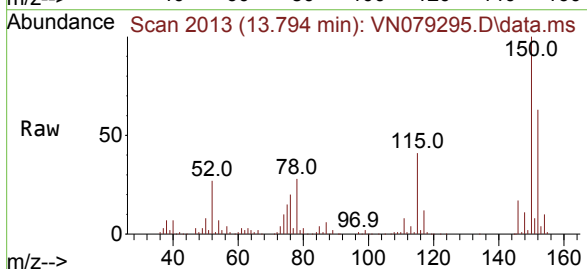
Tgt Ion:152 Resp: 119339

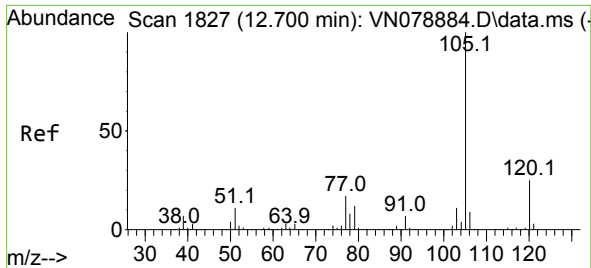
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 177.9 0.0 355.8

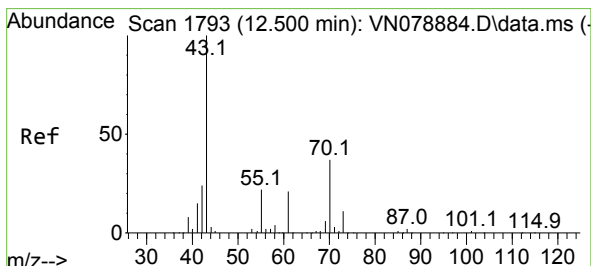
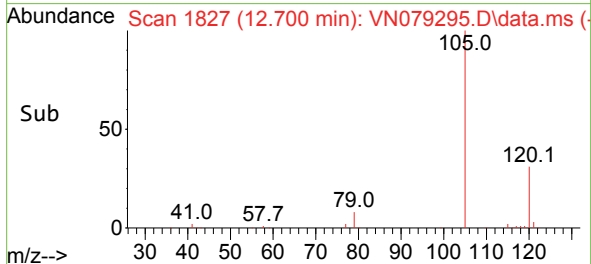
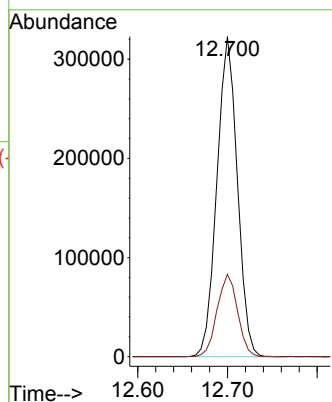
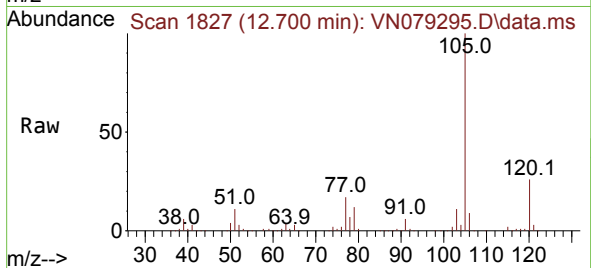




#73
Isopropylbenzene
Concen: 46.941 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

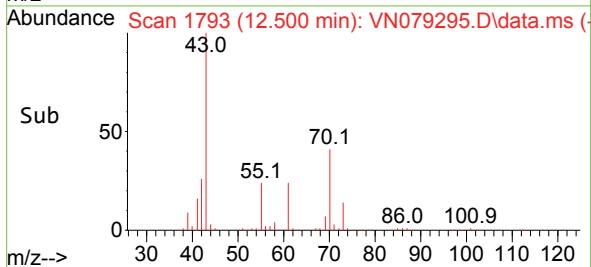
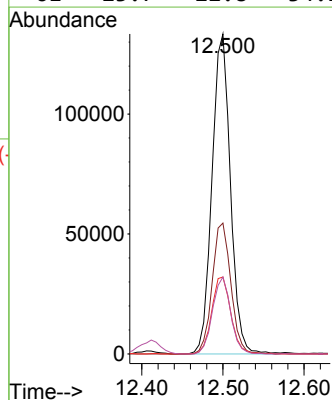
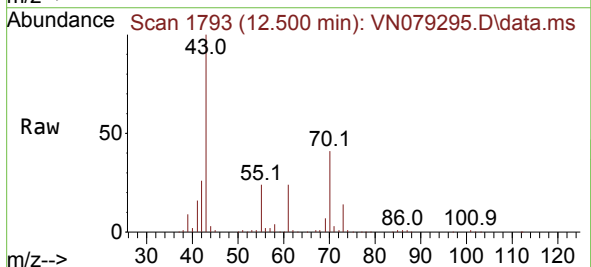
Instrument :
MSVOA_N
ClientSampleId :

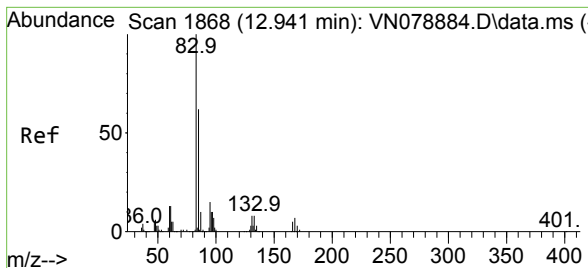
Tgt Ion:105 Resp: 509672
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 50.979 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 43 Resp: 210000
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 25.1 21.4 32.0
61 23.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.485 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

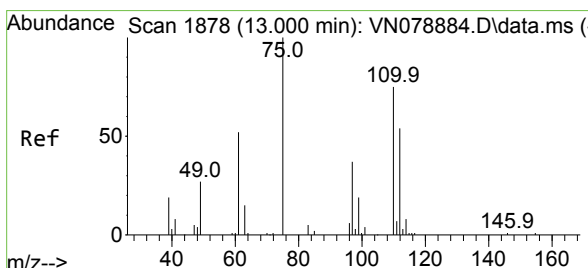
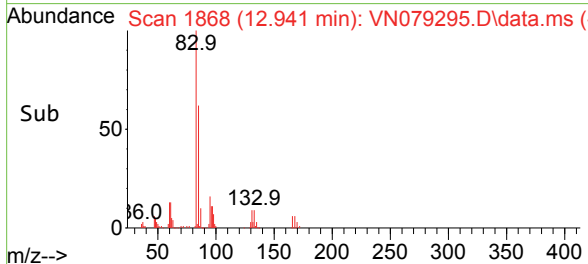
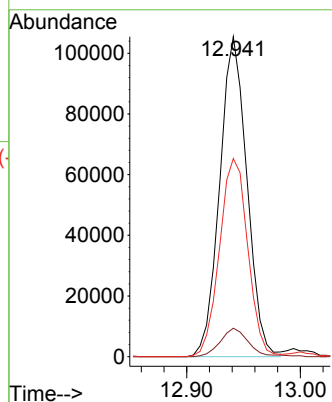
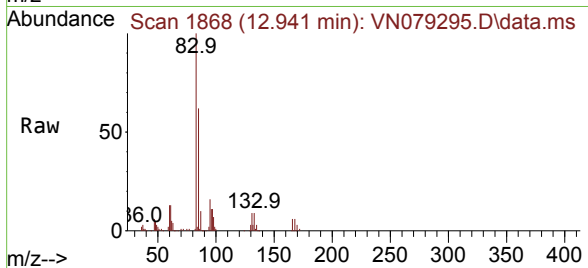
Tgt Ion: 83 Resp: 175817

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 64.679 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079295.D

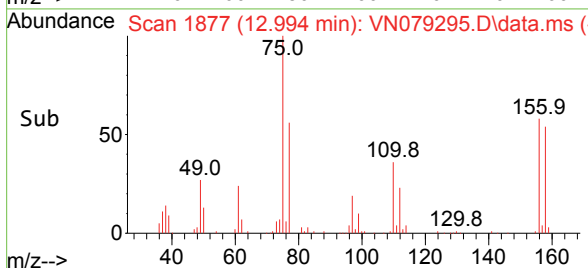
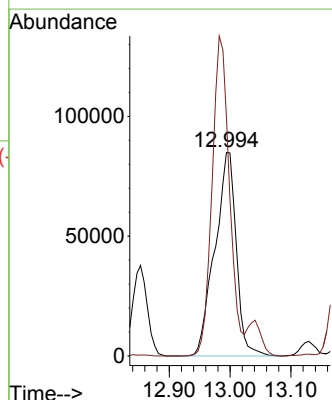
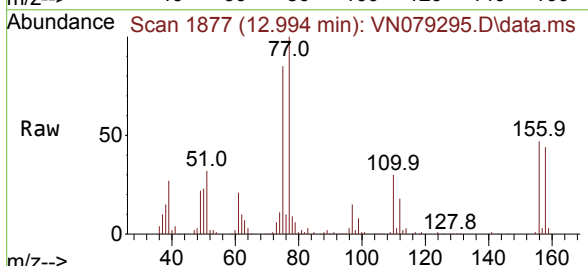
Acq: 18 Sep 2023 19:37

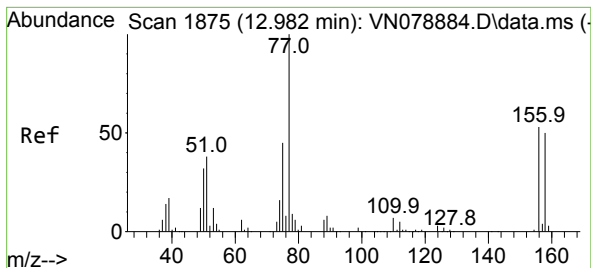
Tgt Ion: 75 Resp: 208030

Ion Ratio Lower Upper

75 100

77 127.5 84.5 253.5





#77

Bromobenzene

Concen: 42.177 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

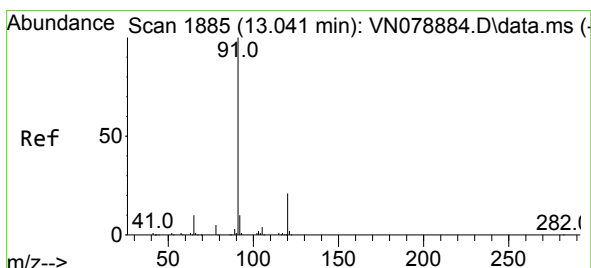
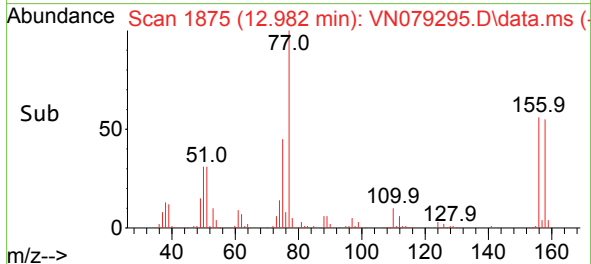
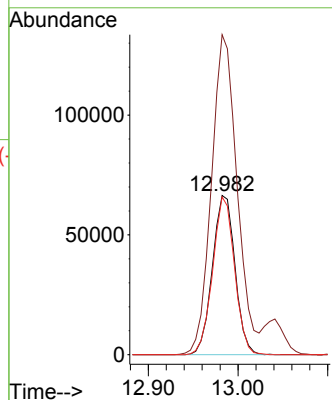
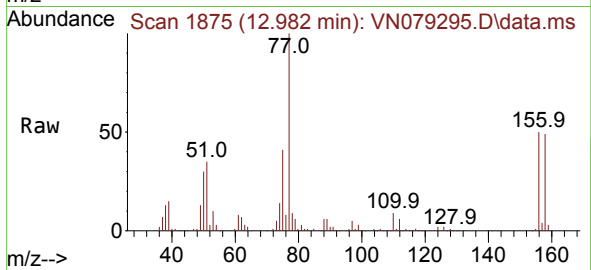
Tgt Ion:156 Resp: 115956

Ion Ratio Lower Upper

156 100

77 228.7 107.7 323.3

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 50.273 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079295.D

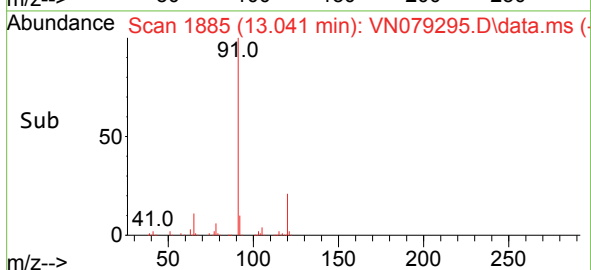
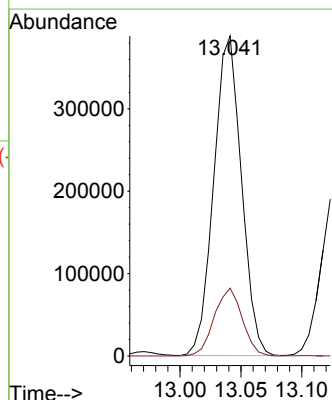
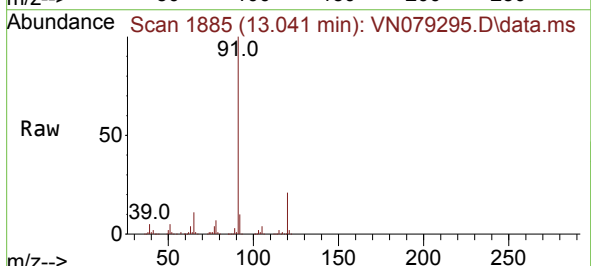
Acq: 18 Sep 2023 19:37

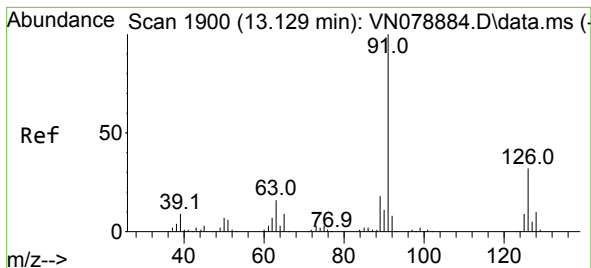
Tgt Ion: 91 Resp: 613177

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.339 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

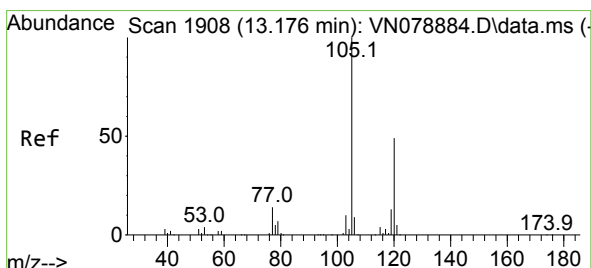
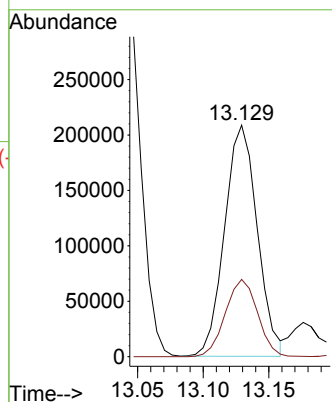
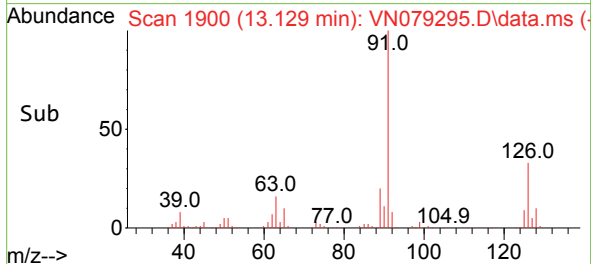
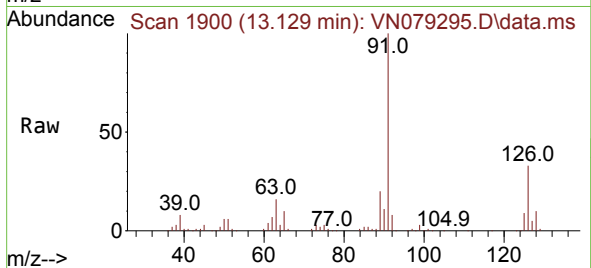
ClientSampleId :

Tgt Ion: 91 Resp: 361692

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 47.309 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079295.D

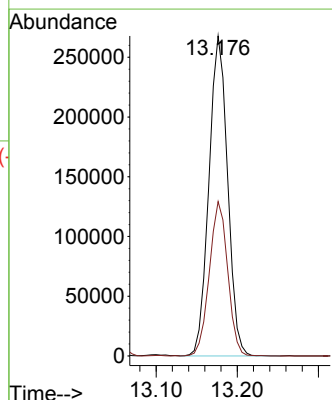
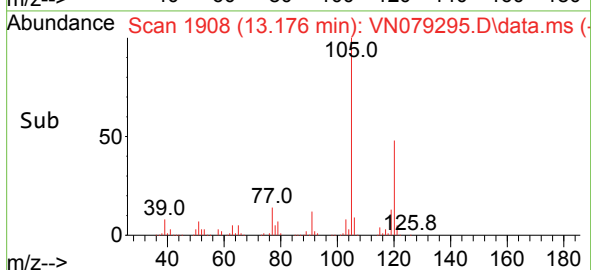
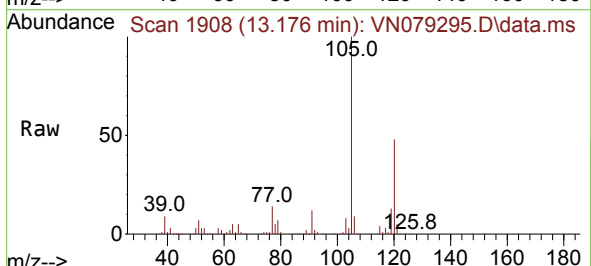
Acq: 18 Sep 2023 19:37

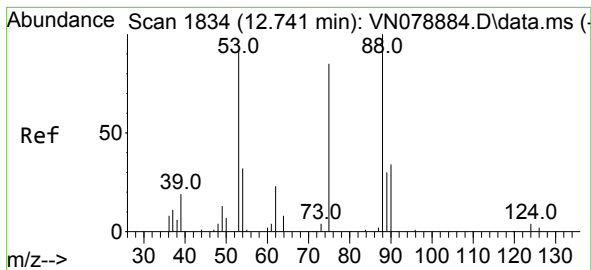
Tgt Ion:105 Resp: 428010

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3

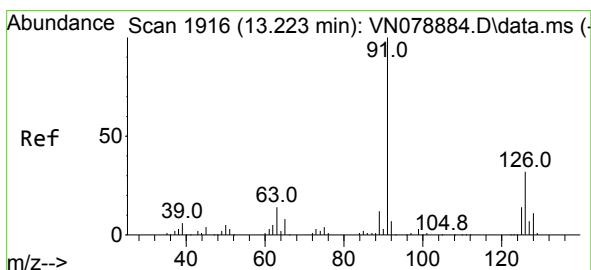
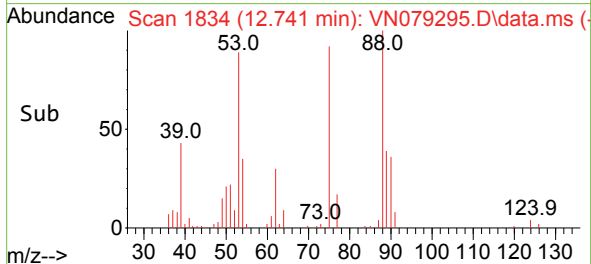
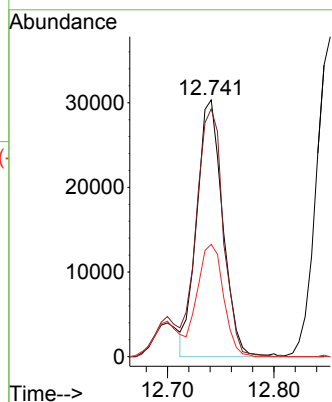
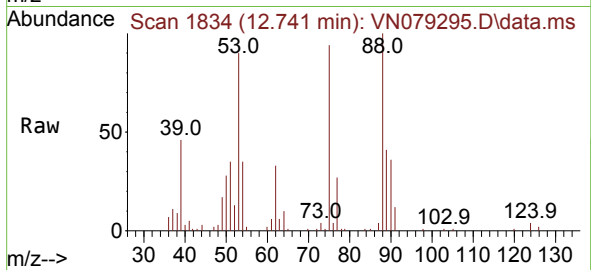




#81
trans-1,4-Dichloro-2-butene
Concen: 43.896 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

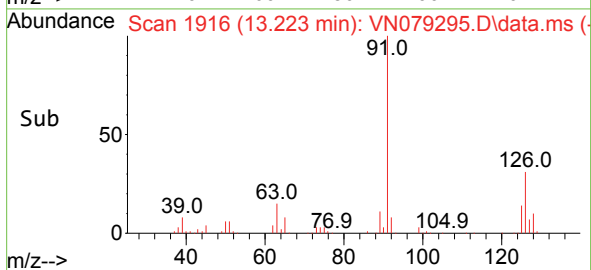
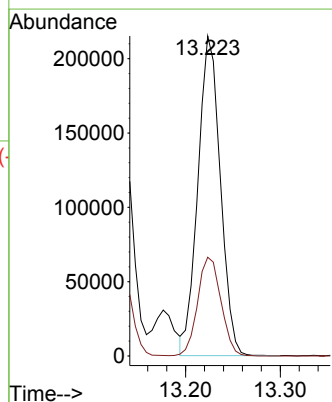
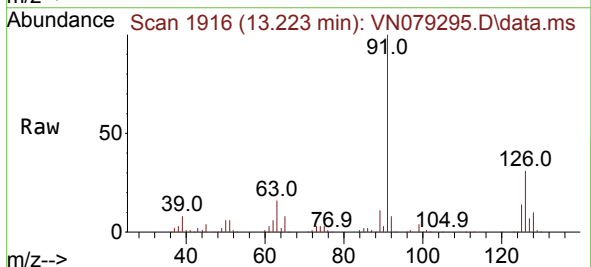
Instrument :
MSVOA_N
ClientSampleId :

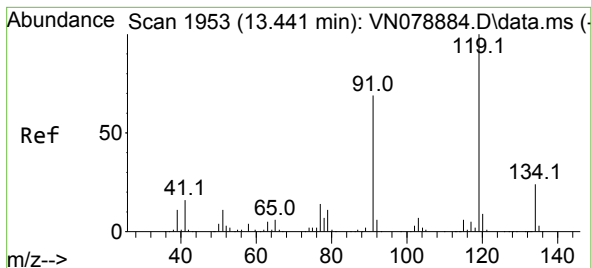
Tgt Ion: 75 Resp: 51355
Ion Ratio Lower Upper
75 100
53 99.7 67.4 101.2
89 43.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.148 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 91 Resp: 353420
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0

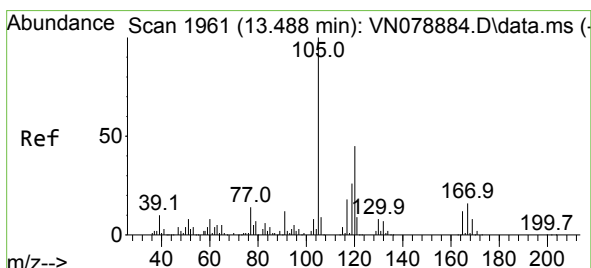
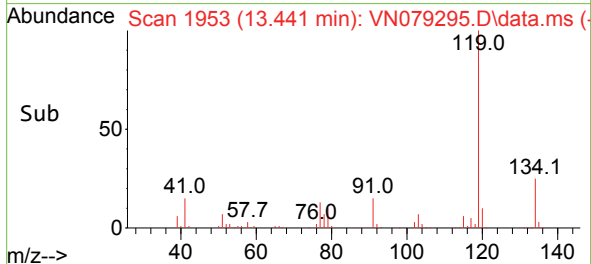
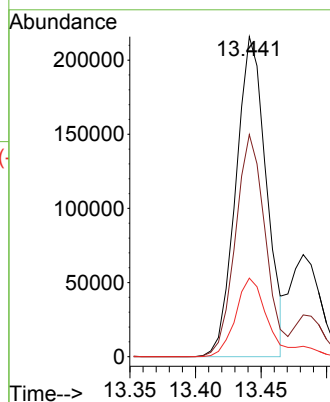
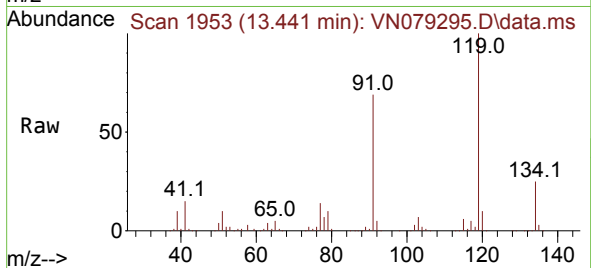




#83
 tert-Butylbenzene
 Concen: 46.587 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

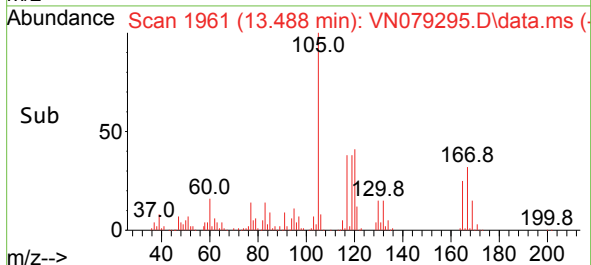
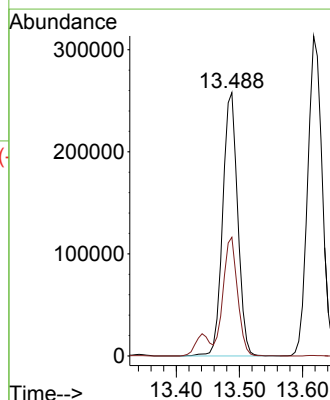
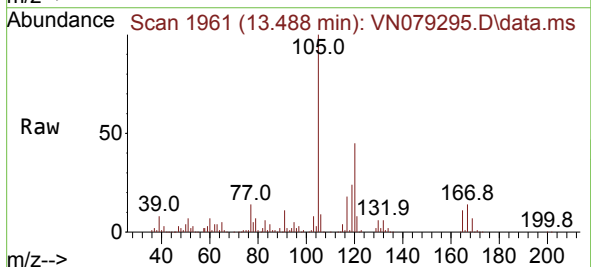
Instrument :
 MSVOA_N
 ClientSampleId :

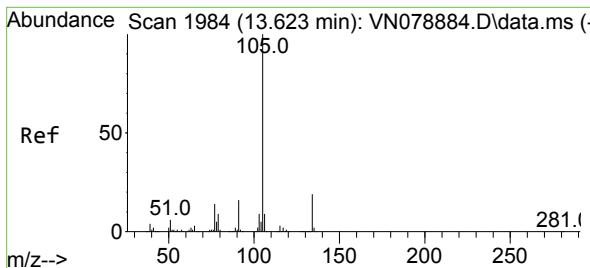
Tgt Ion:119 Resp: 348676
 Ion Ratio Lower Upper
 119 100
 91 68.7 33.9 101.7
 134 27.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.357 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion:105 Resp: 425263
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.401 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

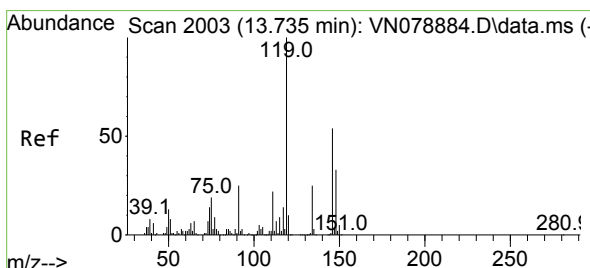
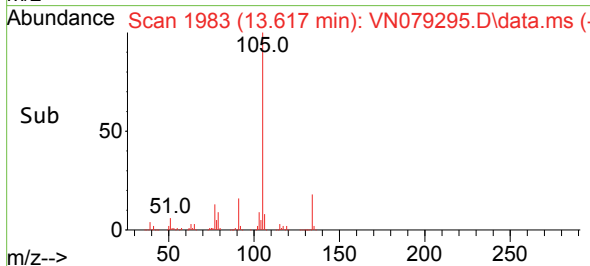
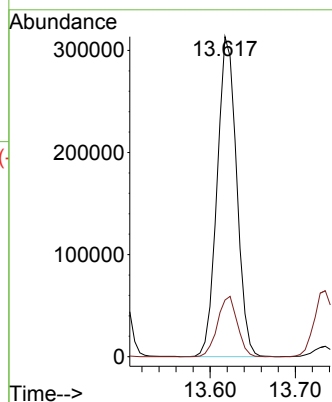
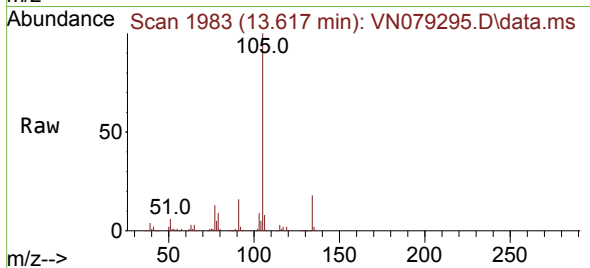
ClientSampleId :

Tgt Ion:105 Resp: 498716

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.101 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

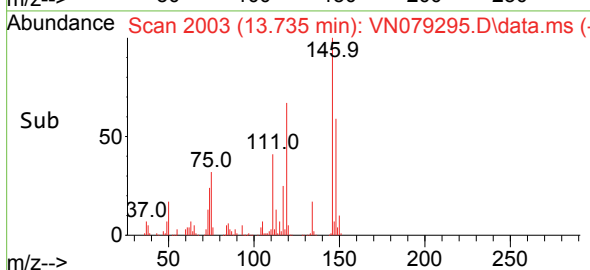
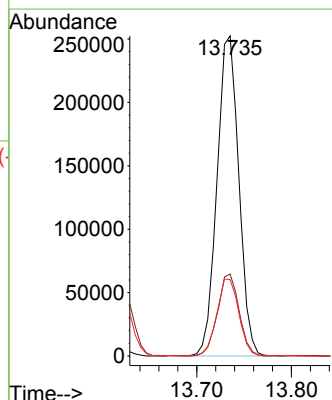
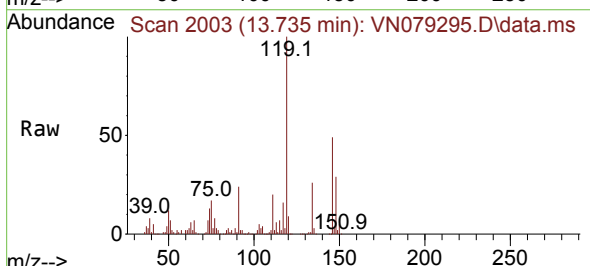
Tgt Ion:119 Resp: 404194

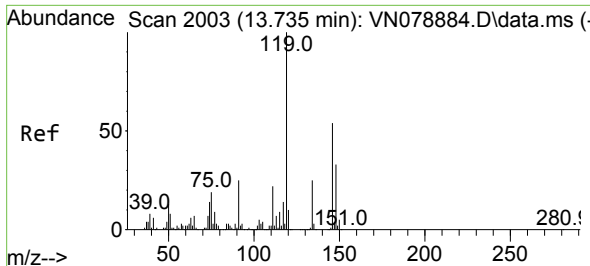
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 24.3 12.4 37.2

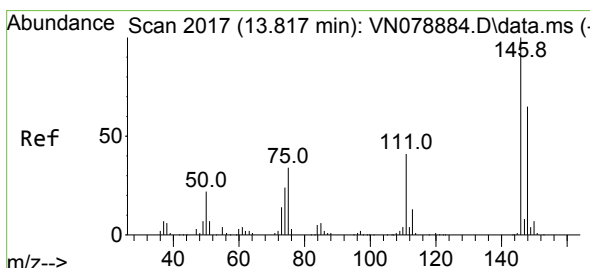
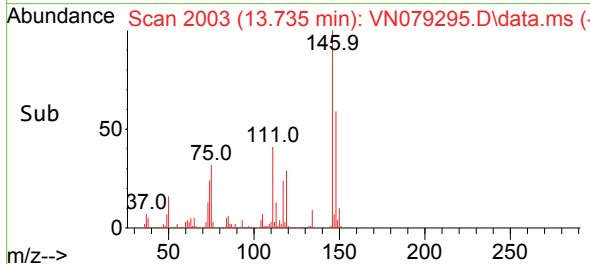
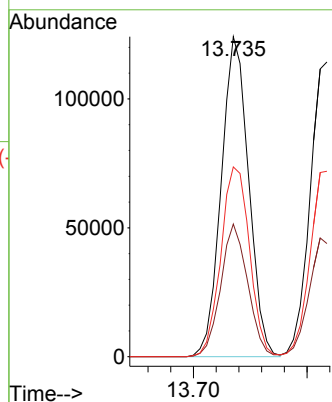
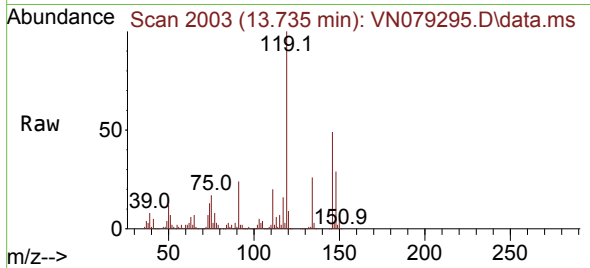




#87
 1,3-Dichlorobenzene
 Concen: 46.066 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

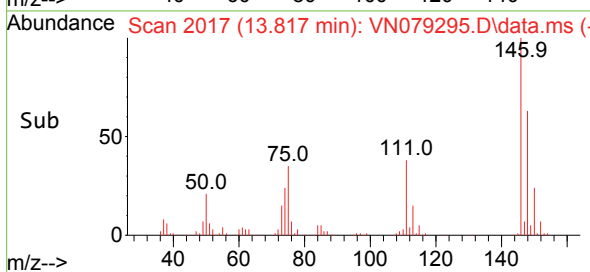
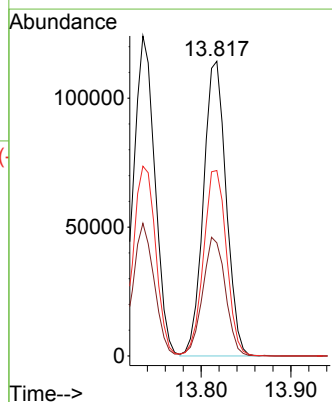
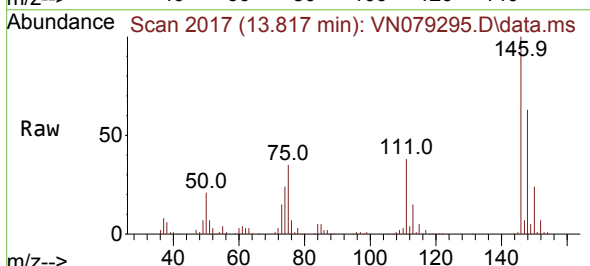
Instrument :
 MSVOA_N
 ClientSampleId :

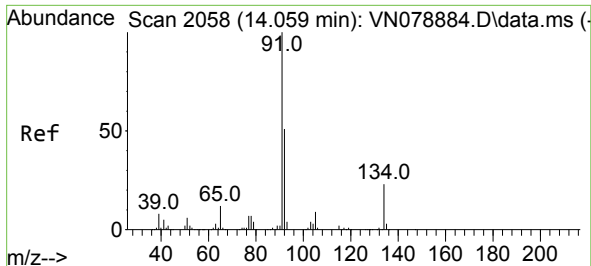
Tgt Ion:146 Resp: 207730
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.1 66.3
 148 62.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 44.008 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079295.D
 Acq: 18 Sep 2023 19:37

Tgt Ion:146 Resp: 200525
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 63.9 31.6 94.8

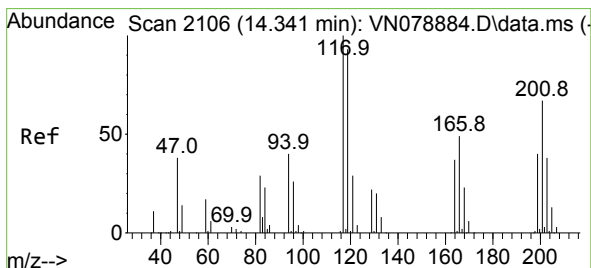
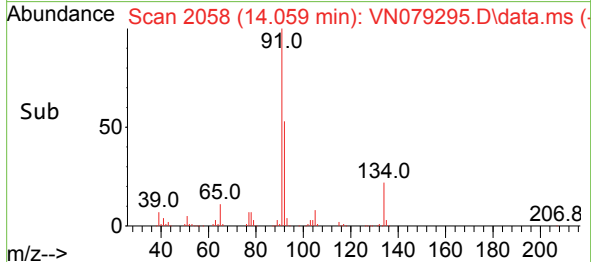
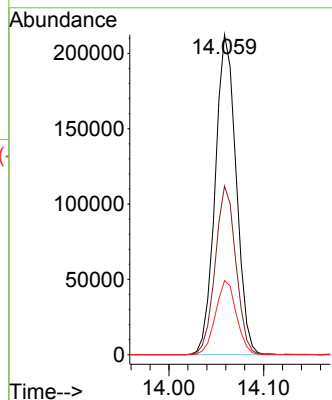
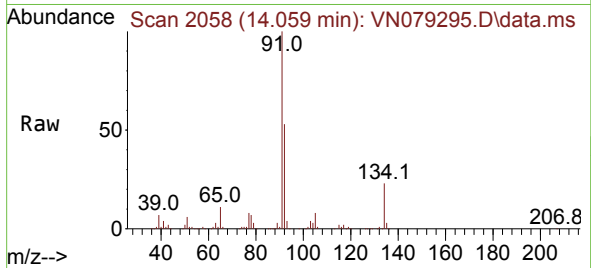




#89
n-Butylbenzene
Concen: 50.506 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

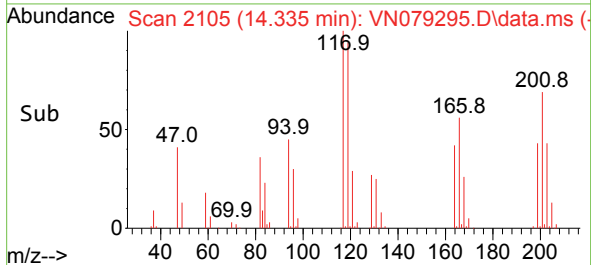
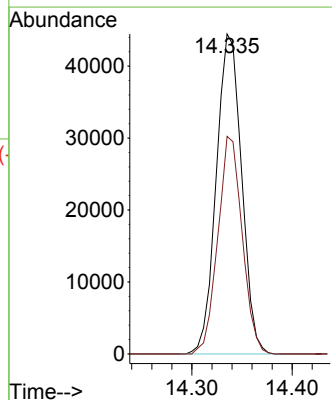
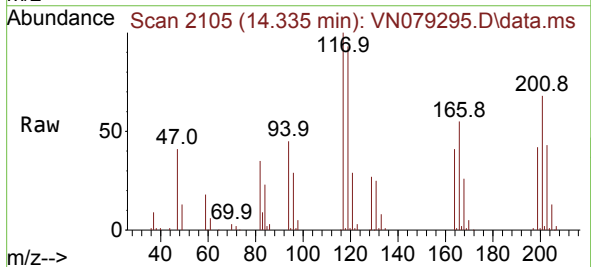
Instrument :
MSVOA_N
ClientSampleId :

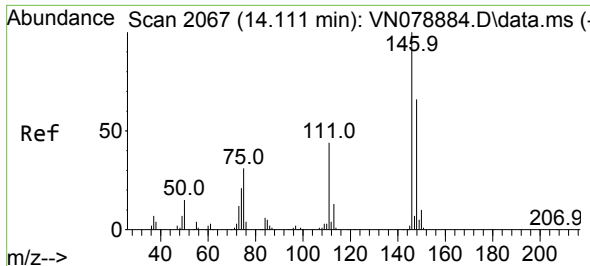
Tgt Ion: 91 Resp: 326939
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 23.1 12.6 37.6



#90
Hexachloroethane
Concen: 46.628 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

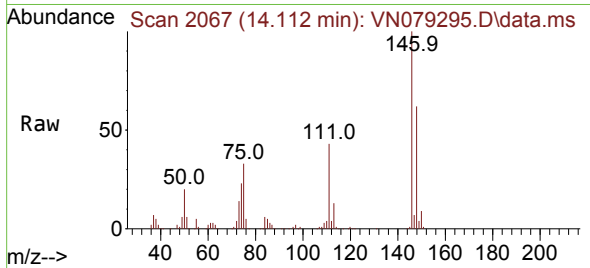
Tgt Ion: 117 Resp: 77947
Ion Ratio Lower Upper
117 100
201 65.5 29.3 88.0



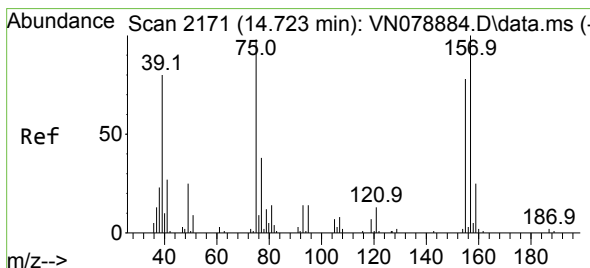
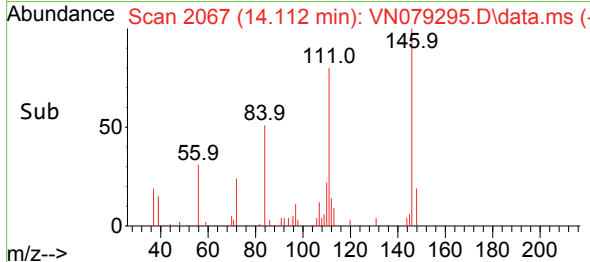
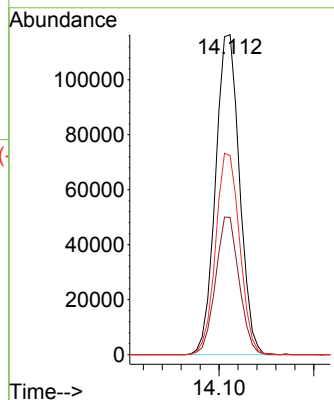


#91
1,2-Dichlorobenzene
Concen: 46.005 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :

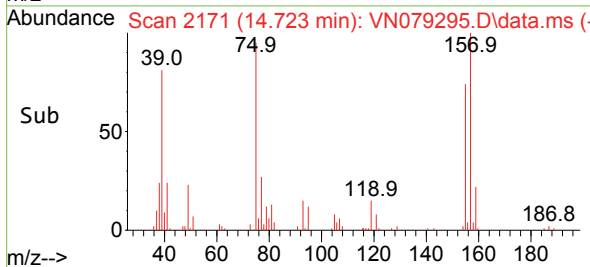
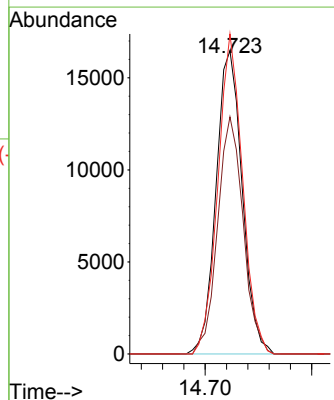
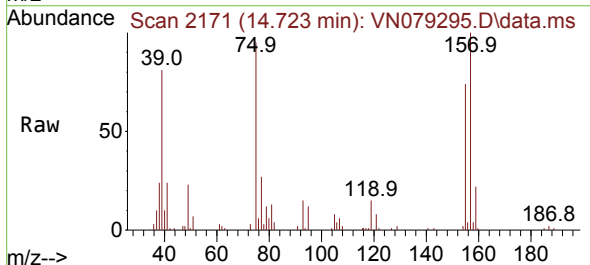


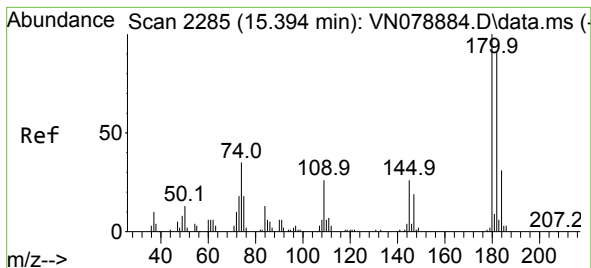
Tgt Ion:146 Resp: 204792
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.540 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079295.D
Acq: 18 Sep 2023 19:37

Tgt Ion: 75 Resp: 27990
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 99.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.434 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

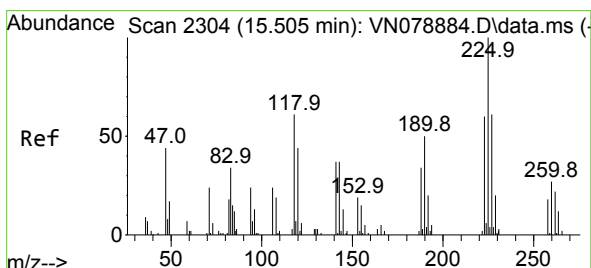
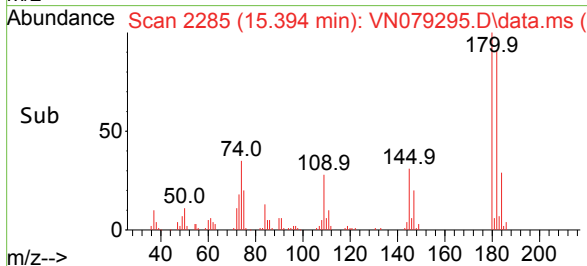
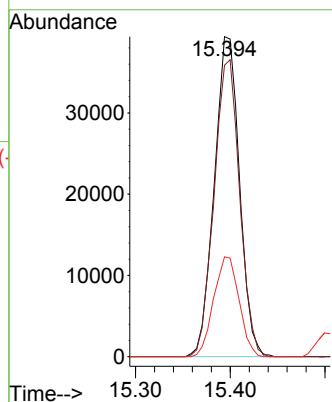
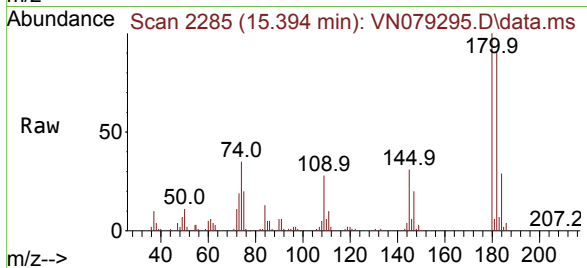
Tgt Ion:180 Resp: 72681

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

145 31.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 35.149 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

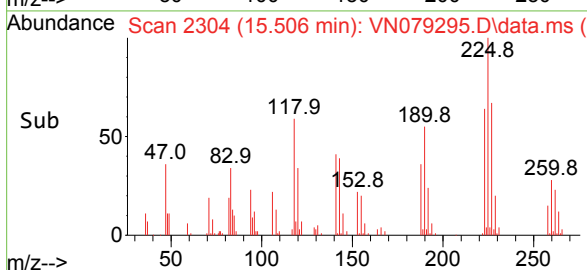
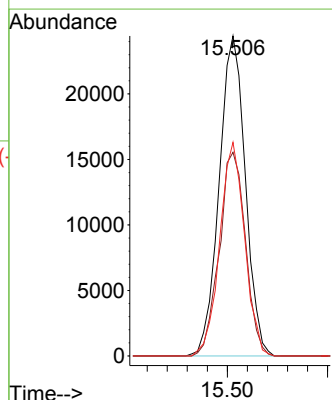
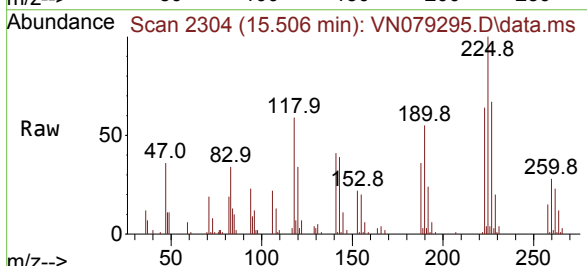
Tgt Ion:225 Resp: 44232

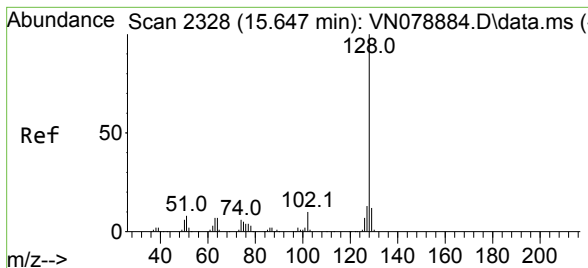
Ion Ratio Lower Upper

225 100

223 63.7 31.3 93.8

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 42.077 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

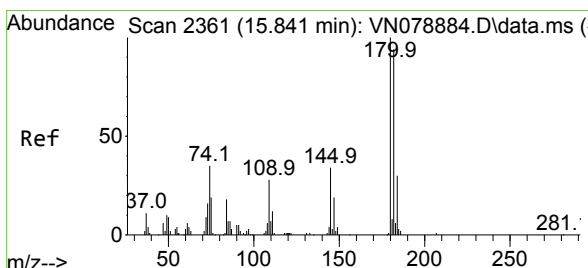
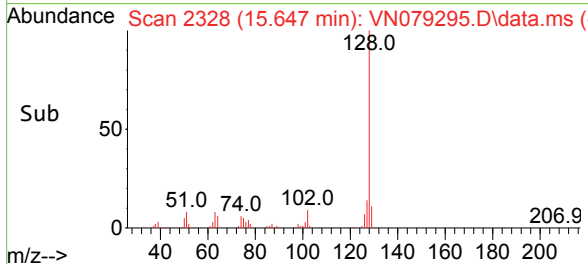
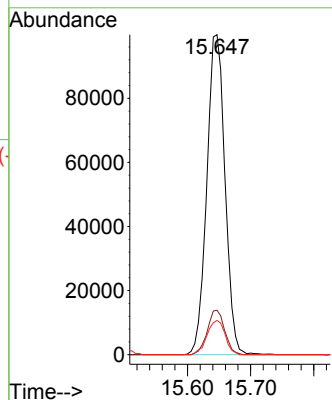
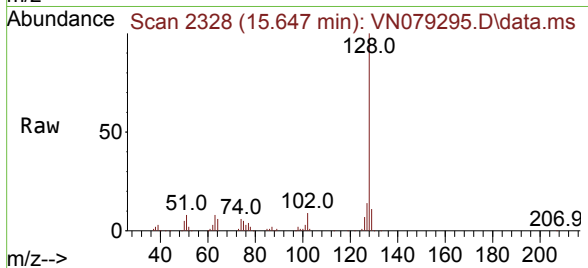
Tgt Ion:128 Resp: 199917

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 40.577 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079295.D

Acq: 18 Sep 2023 19:37

Tgt Ion:180 Resp: 76569

Ion Ratio Lower Upper

180 100

182 95.4 46.2 138.6

145 33.7 17.5 52.6

