

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079432.D
 Acq On : 05 Oct 2023 20:39
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 06 03:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	249401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	436592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193613	47.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.760%
35) Dibromofluoromethane	8.171	113	155495	49.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	10.571	98	587450	51.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.853	95	187329	51.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	179141	50.126	ug/l	99
3) Chloromethane	2.365	50	209404	46.960	ug/l	100
4) Vinyl Chloride	2.512	62	229398	49.457	ug/l	96
5) Bromomethane	2.942	94	119017	42.863	ug/l	94
6) Chloroethane	3.112	64	155730	44.534	ug/l	98
7) Trichlorofluoromethane	3.495	101	264708	48.336	ug/l	94
8) Diethyl Ether	3.959	74	96238	49.293	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	150519	47.032	ug/l	98
10) Methyl Iodide	4.595	142	162956	58.679	ug/l	97
11) Tert butyl alcohol	5.530	59	128691	211.444	ug/l	99
12) 1,1-Dichloroethene	4.348	96	140921	47.824	ug/l	89
13) Acrolein	4.183	56	138880	229.165	ug/l	98
14) Allyl chloride	5.030	41	218829	46.018	ug/l	88
15) Acrylonitrile	5.724	53	429965	243.673	ug/l	98
16) Acetone	4.430	43	348858	217.503	ug/l	96
17) Carbon Disulfide	4.712	76	429303	46.706	ug/l	97
18) Methyl Acetate	5.030	43	346908	44.190	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	480759	50.213	ug/l	93
20) Methylene Chloride	5.283	84	176635	50.294	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	159755	46.418	ug/l #	77
22) Diisopropyl ether	6.677	45	542134	50.843	ug/l #	92
23) Vinyl Acetate	6.612	43	1561039	260.264	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	317805	48.699	ug/l	98
25) 2-Butanone	7.488	43	561826	236.005	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	226232	45.362	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	183378	49.046	ug/l	87
28) Bromochloromethane	7.818	49	154339	49.707	ug/l #	73
29) Tetrahydrofuran	7.841	42	389160	252.764	ug/l #	74
30) Chloroform	7.971	83	315020	47.777	ug/l	93
31) Cyclohexane	8.265	56	268367	46.786	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	270846	48.811	ug/l	92
36) 1,1-Dichloropropene	8.371	75	238766	50.705	ug/l	95
37) Ethyl Acetate	7.565	43	241786	51.602	ug/l #	89
38) Carbon Tetrachloride	8.365	117	231135	49.030	ug/l	99
39) Methylcyclohexane	9.606	83	238941	52.814	ug/l #	87
40) Benzene	8.612	78	711604	50.884	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	118924	48.277	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	247630	48.731	ug/l	97
43) Isopropyl Acetate	8.694	43	387195	47.167	ug/l #	90
44) Trichloroethene	9.359	130	161595	49.094	ug/l	99
45) 1,2-Dichloropropane	9.624	63	186116	50.511	ug/l	98
46) Dibromomethane	9.712	93	120251	50.390	ug/l	94
47) Bromodichloromethane	9.894	83	248847	50.693	ug/l	98
48) Methyl methacrylate	9.682	41	182486	51.877	ug/l #	80
49) 1,4-Dioxane	9.700	88	66110	1020.307	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1211695	261.482	ug/l	89
52) Toluene	10.635	92	430001	52.236	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	253953	51.335	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	278155	51.364	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	167160	50.580	ug/l	97
56) Ethyl methacrylate	10.876	69	255047	56.162	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	295296	51.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	489560	281.492	ug/l	89
59) 2-Hexanone	11.200	43	883044	264.077	ug/l	87
60) Dibromochloromethane	11.365	129	173024	52.093	ug/l	100
61) 1,2-Dibromoethane	11.471	107	167930	51.202	ug/l	97
64) Tetrachloroethene	11.106	164	132392	47.417	ug/l	95
65) Chlorobenzene	11.894	112	430312	47.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	161518	48.804	ug/l	98
67) Ethyl Benzene	11.965	91	813735	51.795	ug/l	97
68) m/p-Xylenes	12.076	106	608103	106.529	ug/l	94
69) o-Xylene	12.400	106	290542	51.754	ug/l	93
70) Styrene	12.418	104	492034	55.488	ug/l	99
71) Bromoform	12.582	173	115681	47.759	ug/l #	99
73) Isopropylbenzene	12.700	105	751859	45.688	ug/l	99
74) N-amyl acetate	12.500	43	310597	46.039	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	249200	46.839	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	303365	59.481	ug/l	71
77) Bromobenzene	12.982	156	168934	41.866	ug/l	92
78) n-propylbenzene	13.041	91	895932	48.120	ug/l	96
79) 2-Chlorotoluene	13.129	91	533029	44.739	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	625089	48.170	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	73797	41.984	ug/l #	85
82) 4-Chlorotoluene	13.223	91	519139	45.790	ug/l	99
83) tert-Butylbenzene	13.441	119	527660	49.630	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	616772	49.804	ug/l	99
85) sec-Butylbenzene	13.617	105	717294	48.369	ug/l	100
86) p-Isopropyltoluene	13.735	119	583084	51.253	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	303060	47.354	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	295209	44.673	ug/l	99
89) n-Butylbenzene	14.059	91	471294	51.877	ug/l	98
90) Hexachloroethane	14.335	117	113081	48.938	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	291539	46.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40008	42.044	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	99103	51.257	ug/l	96
94) Hexachlorobutadiene	15.506	225	63274	42.019	ug/l	99
95) Naphthalene	15.647	128	274020	46.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104226	45.173	ug/l	98

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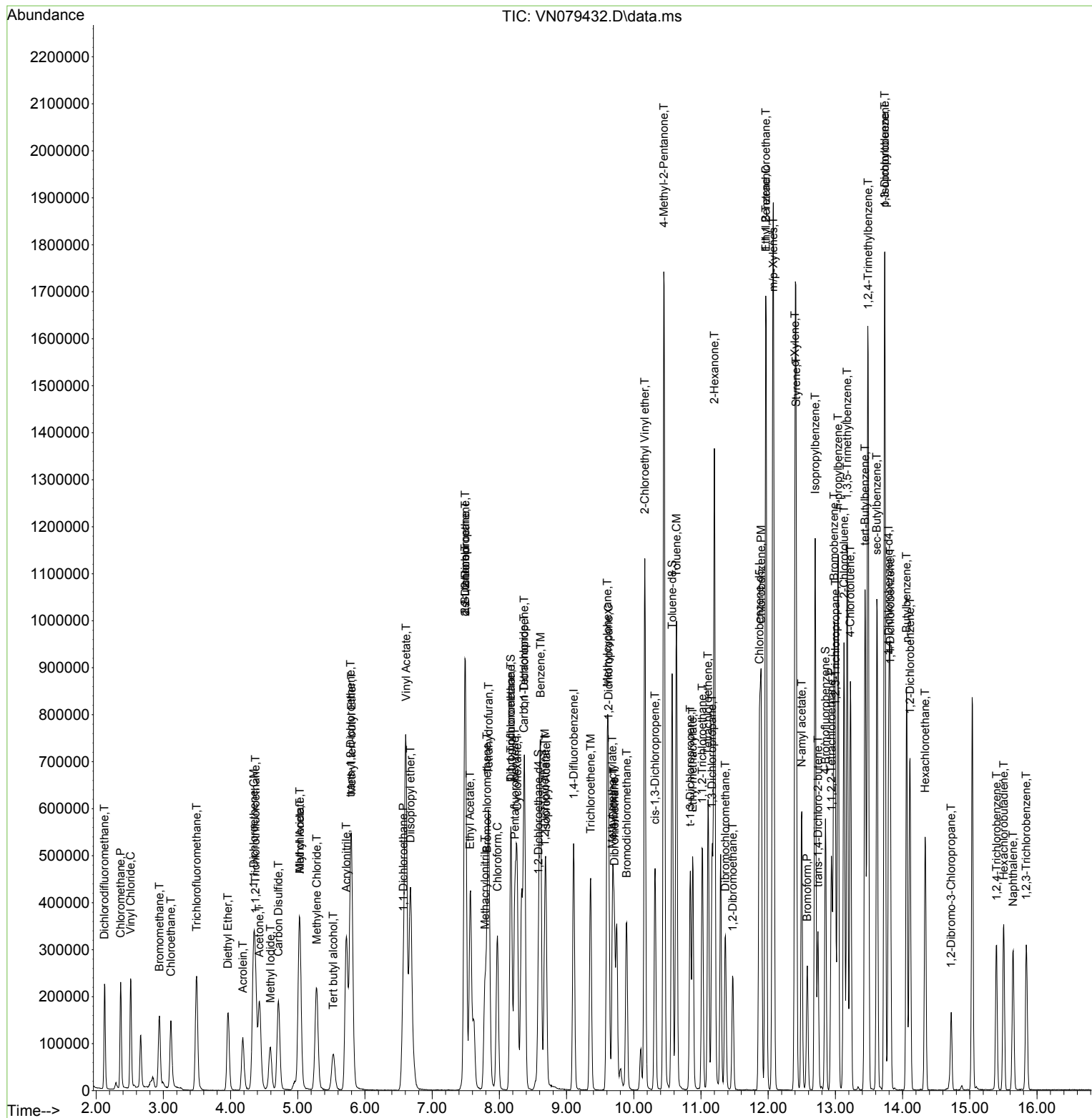
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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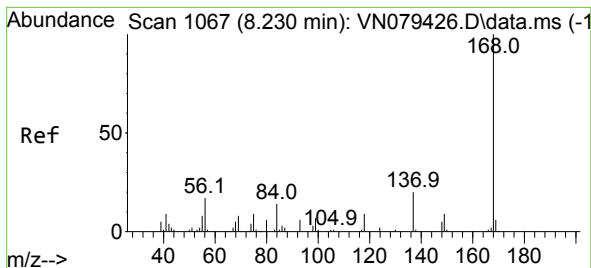
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_N

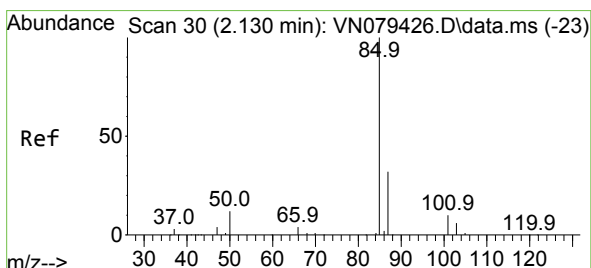
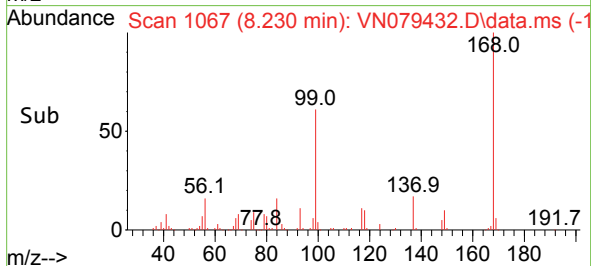
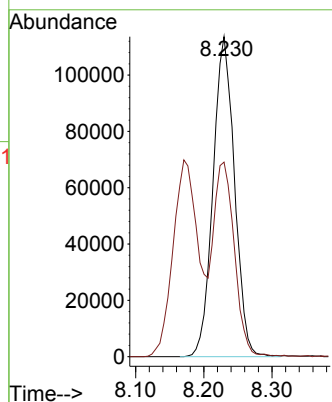
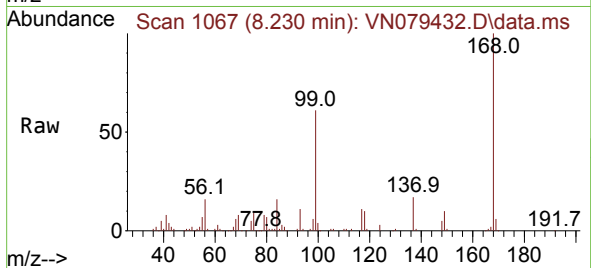
ClientSampleId :

Tgt Ion:168 Resp: 249401

Ion Ratio Lower Upper

168 100

99 60.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 50.126 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.006 min

Lab File: VN079432.D

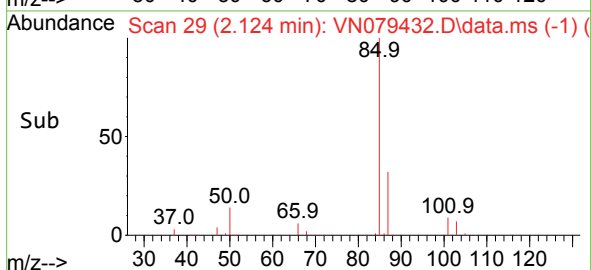
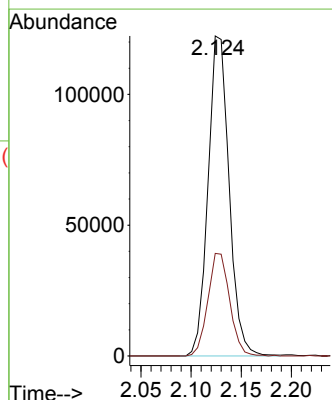
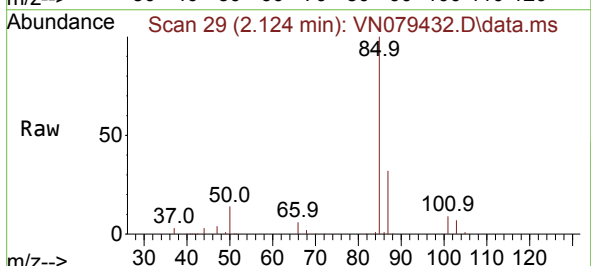
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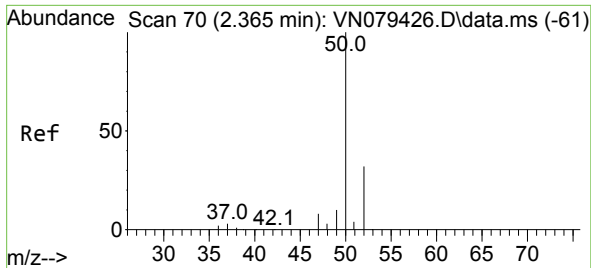
Tgt Ion: 85 Resp: 179141

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4

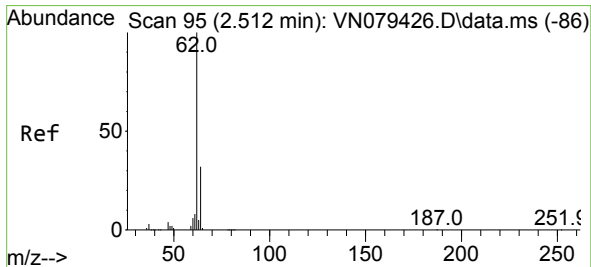
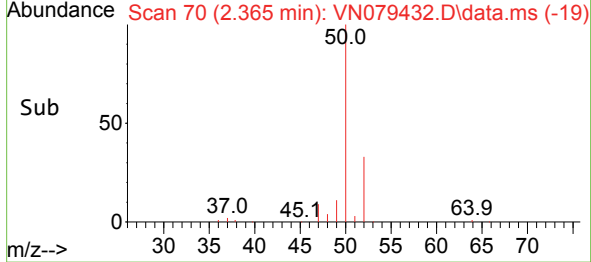
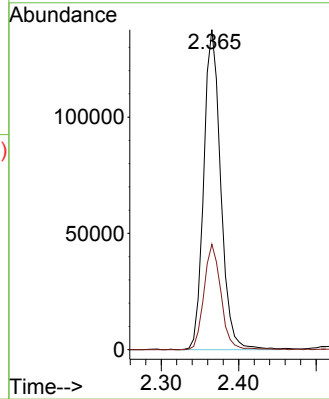
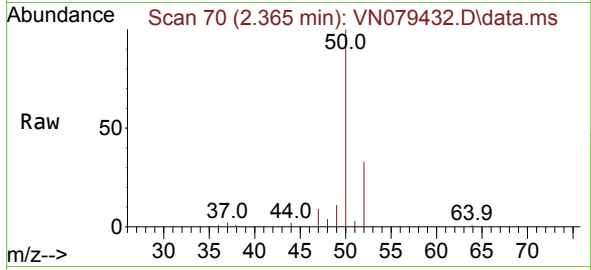




#3
Chloromethane
Concen: 46.960 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079432.D
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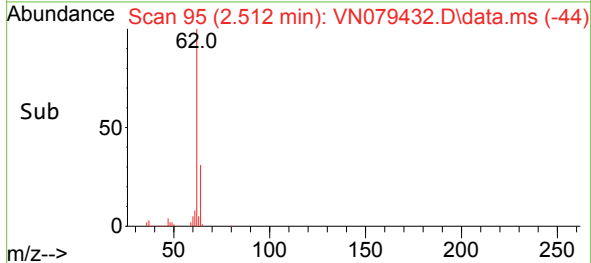
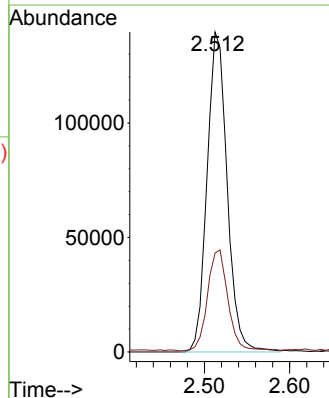
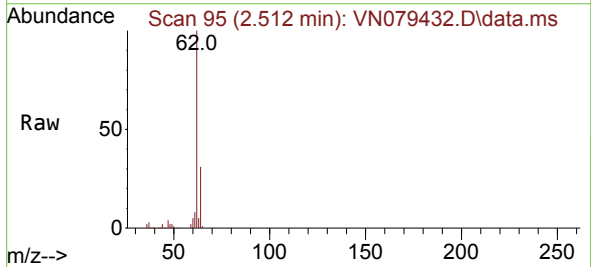
Instrument :
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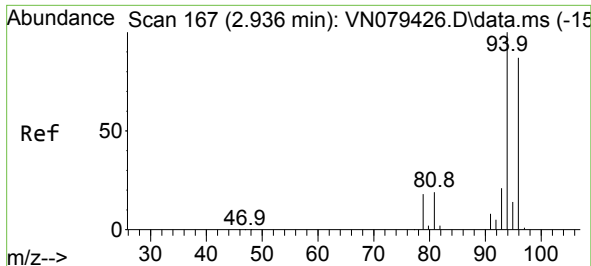
Tgt Ion: 50 Resp: 209404
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7



#4
Vinyl Chloride
Concen: 49.457 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 62 Resp: 229398
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2

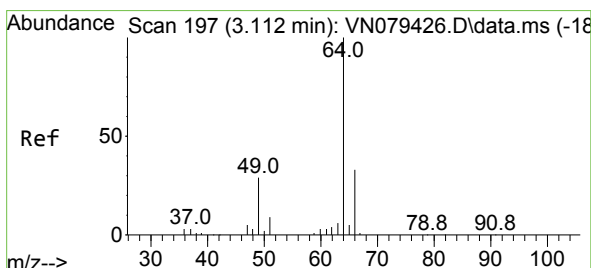
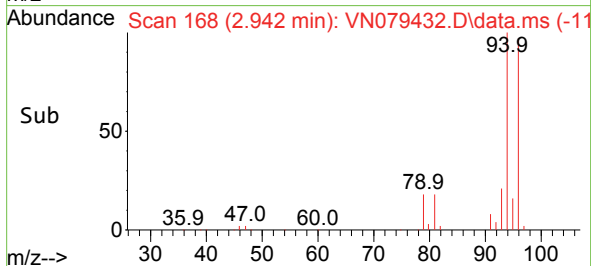
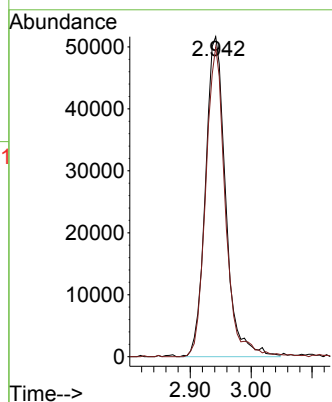
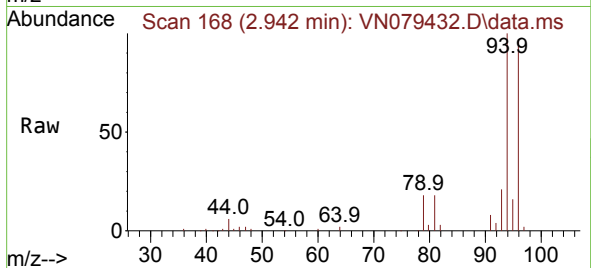




#5
Bromomethane
Concen: 42.863 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079432.D
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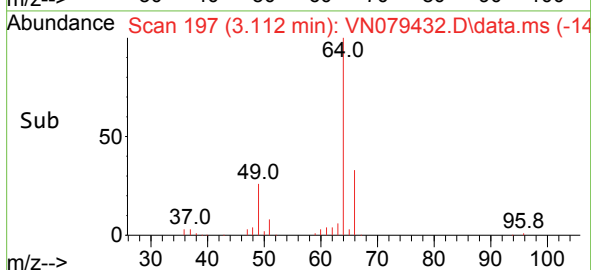
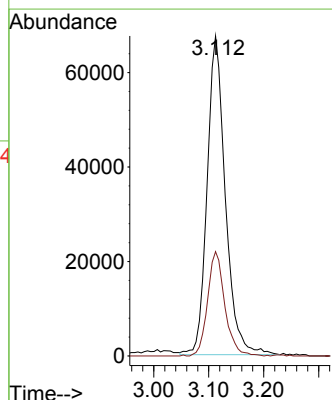
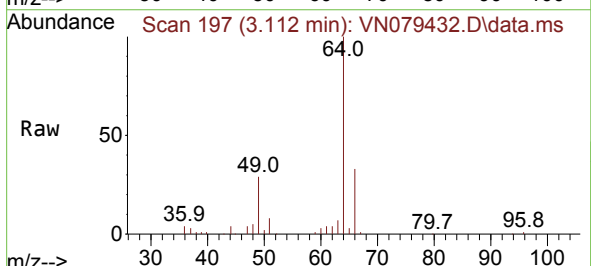
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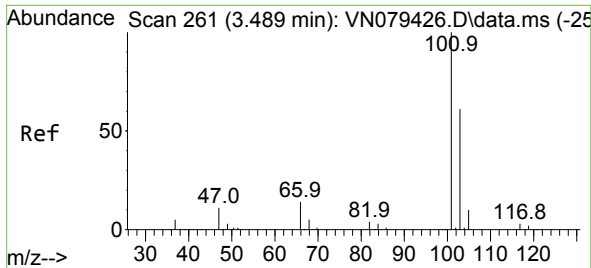
Tgt Ion: 94 Resp: 119017
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7



#6
Chloroethane
Concen: 44.534 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 64 Resp: 155730
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2

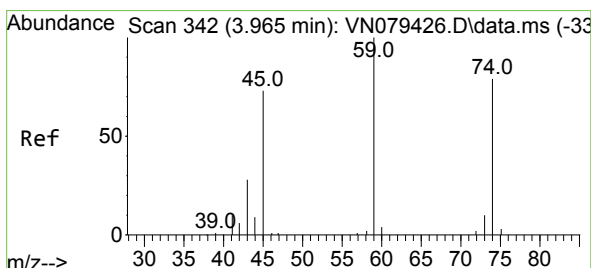
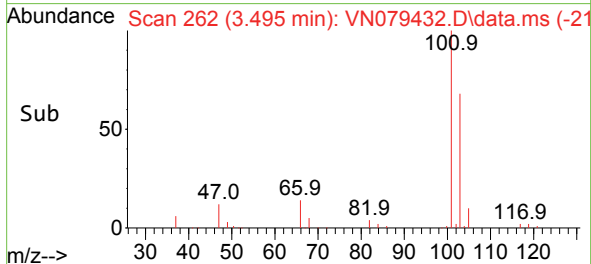
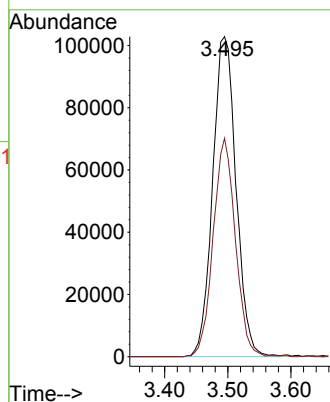
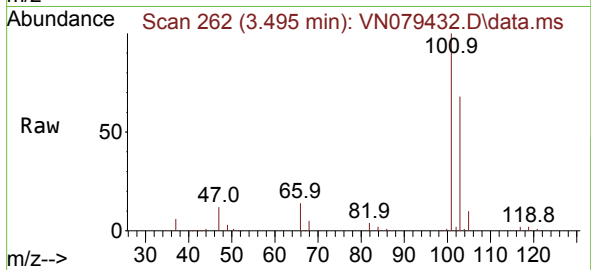




#7
 Trichlorofluoromethane
 Concen: 48.336 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

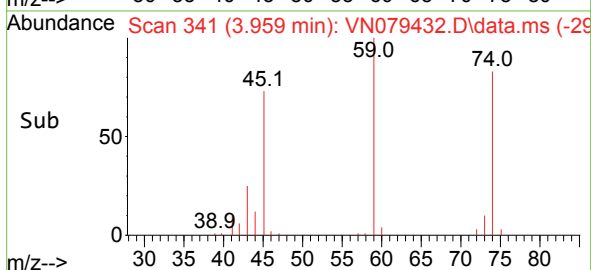
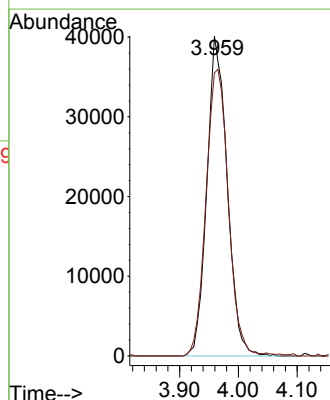
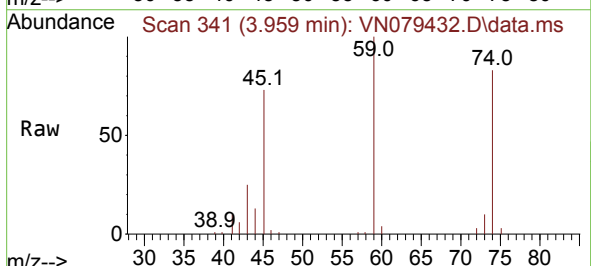
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 264708
 Ion Ratio Lower Upper
 101 100
 103 68.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.293 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 74 Resp: 96238
 Ion Ratio Lower Upper
 74 100
 45 99.2 34.4 103.3

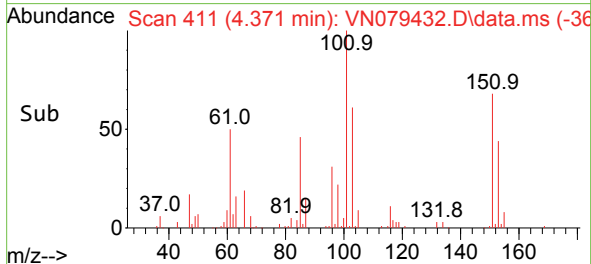
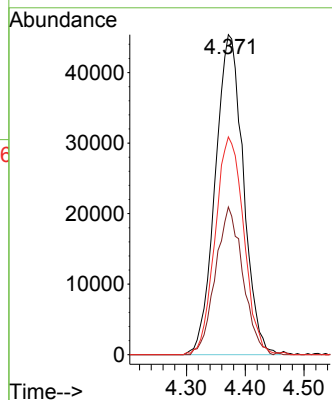
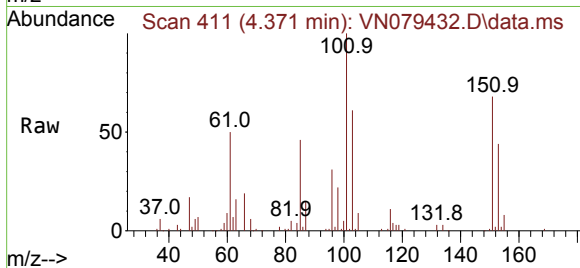




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.032 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079432.D
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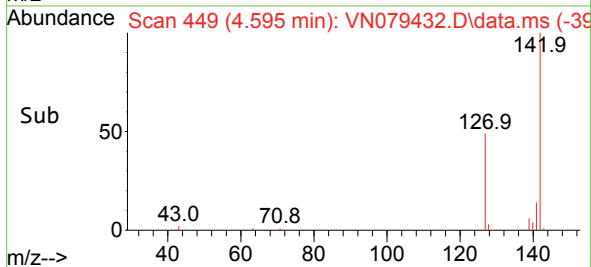
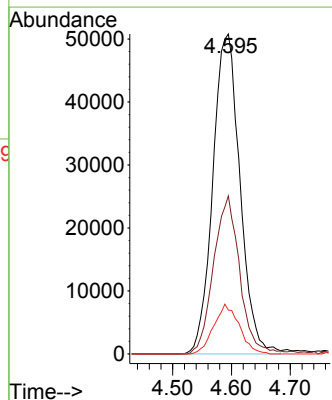
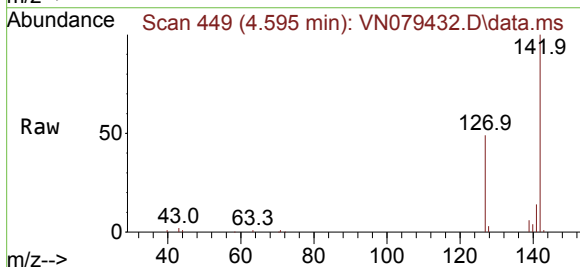
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 150519
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 69.4 57.6 86.4



#10
Methyl Iodide
Concen: 58.679 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion:142 Resp: 162956
Ion Ratio Lower Upper
142 100
127 49.4 37.6 56.4
141 13.7 11.4 17.0

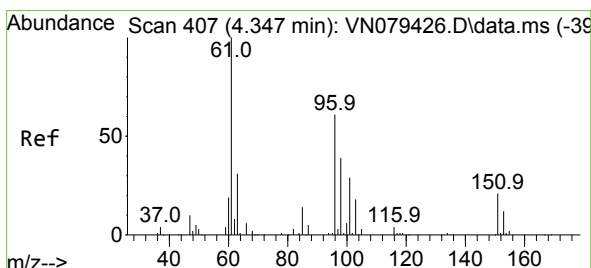
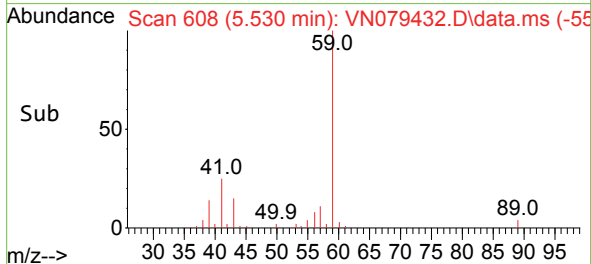
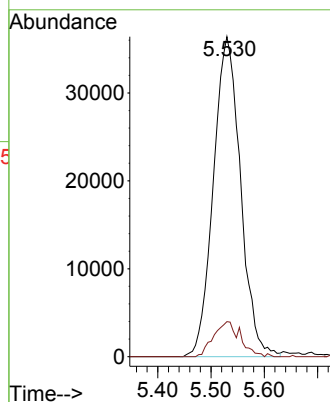
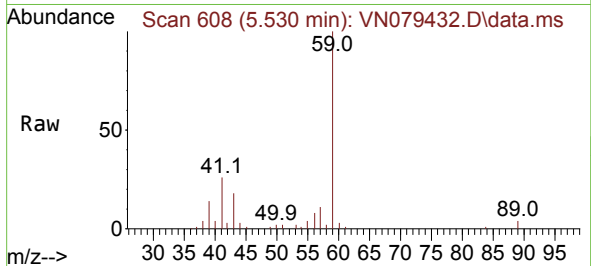




#11
Tert butyl alcohol
Concen: 211.444 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

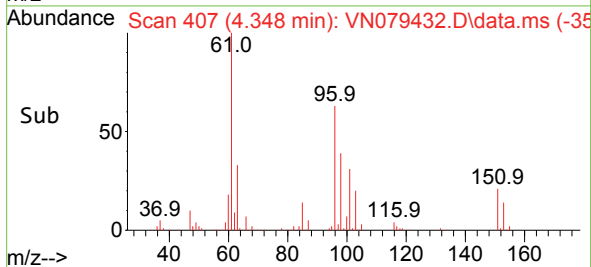
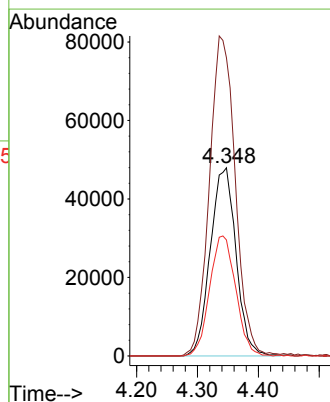
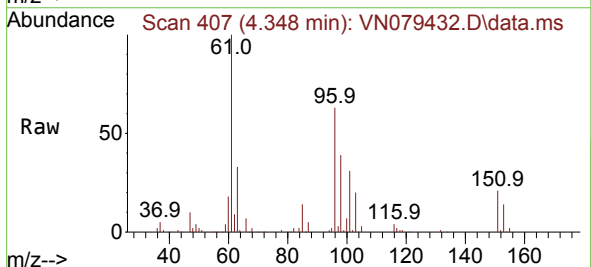
Instrument :
MSVOA_N
ClientSampleId :

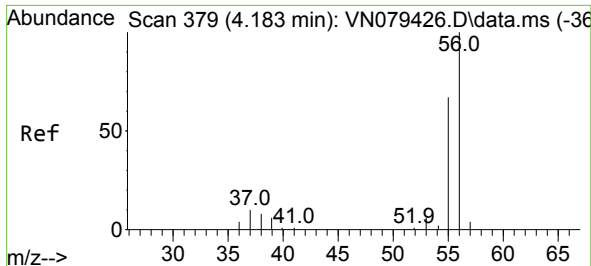
Tgt Ion: 59 Resp: 128691
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.824 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 96 Resp: 140921
Ion Ratio Lower Upper
96 100
61 158.5 112.7 169.1
98 61.6 51.2 76.8

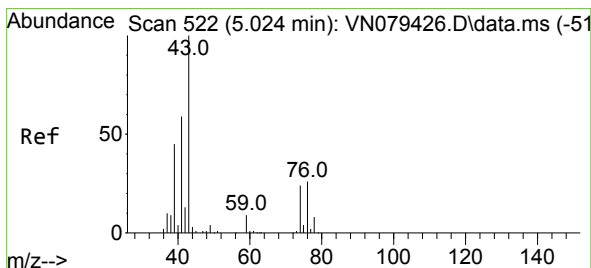
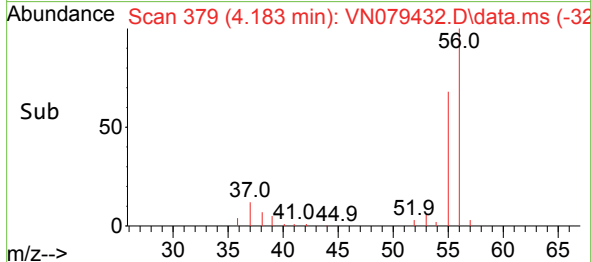
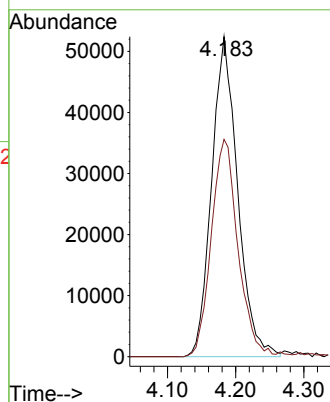
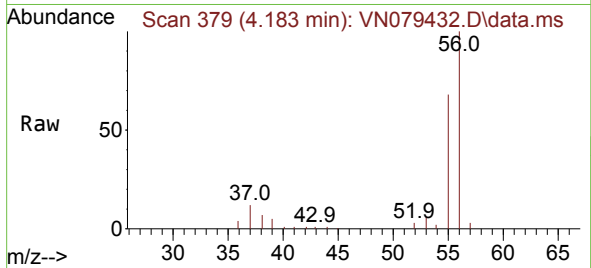




#13
Acrolein
Concen: 229.165 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

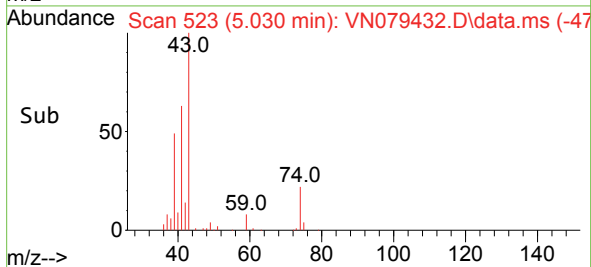
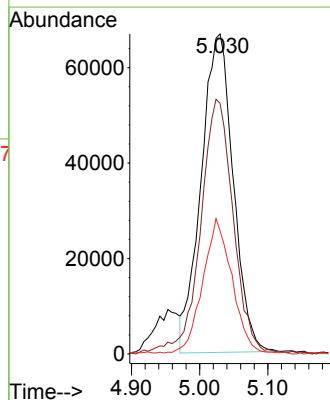
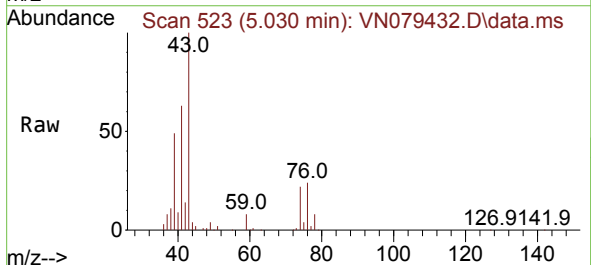
Instrument :
MSVOA_N
ClientSampleId :

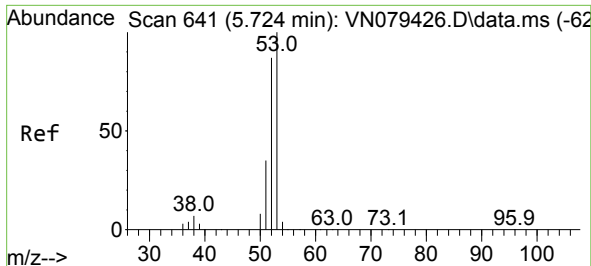
Tgt Ion: 56 Resp: 138880
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7



#14
Allyl chloride
Concen: 46.018 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

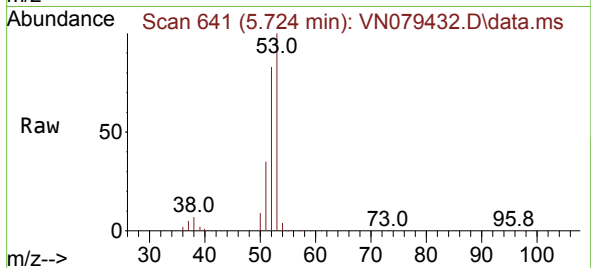
Tgt Ion: 41 Resp: 218829
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 39.3 39.1 58.7



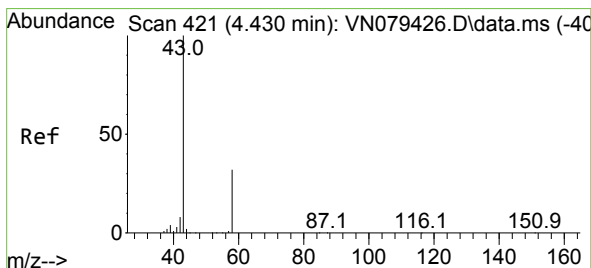
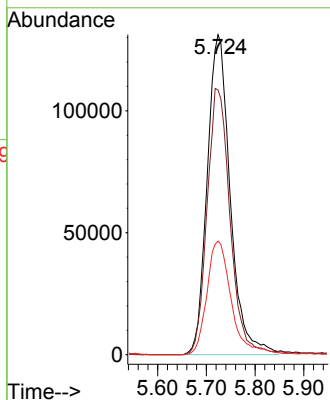
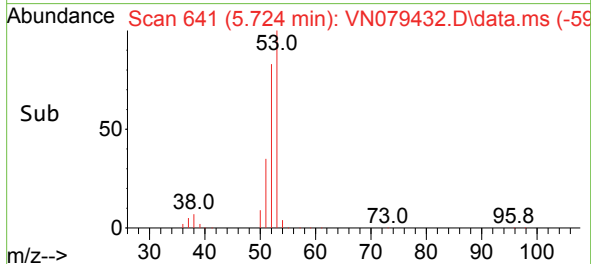


#15
Acrylonitrile
Concen: 243.673 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_N
ClientSampleId :

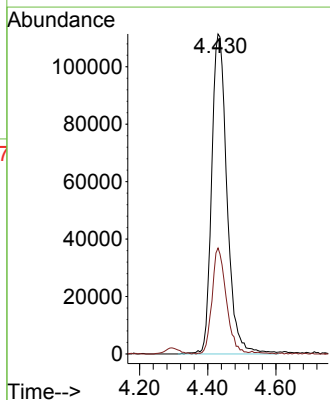
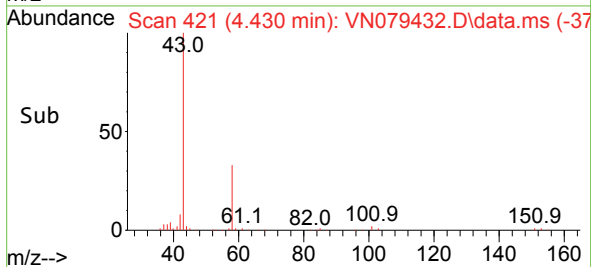
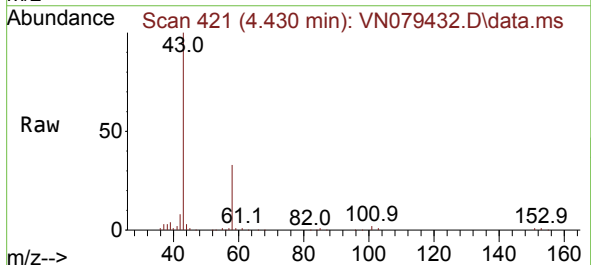


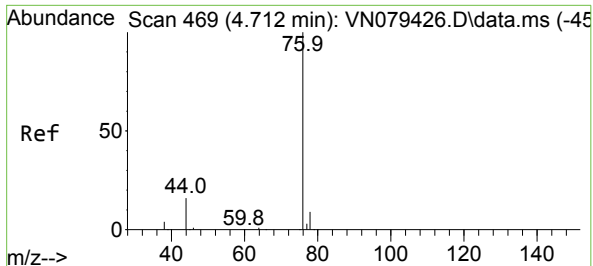
Tgt Ion: 53 Resp: 429965
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 37.8 28.9 43.3



#16
Acetone
Concen: 217.503 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

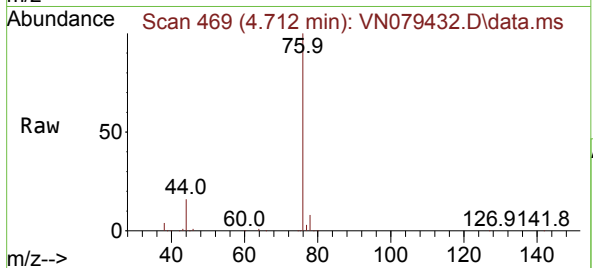
Tgt Ion: 43 Resp: 348858
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0



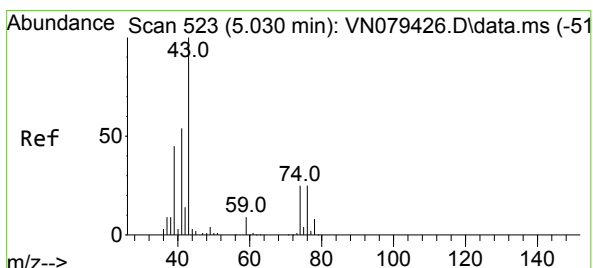
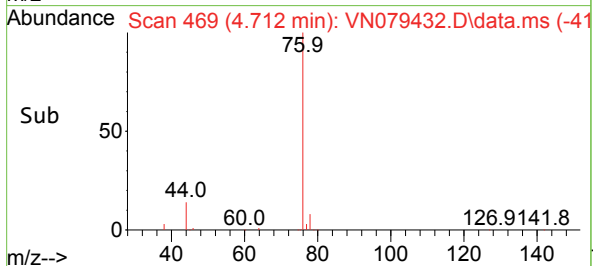
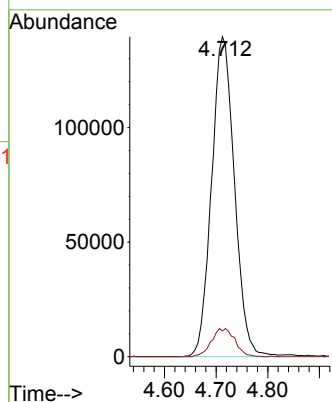


#17
Carbon Disulfide
Concen: 46.706 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_N
ClientSampleId :

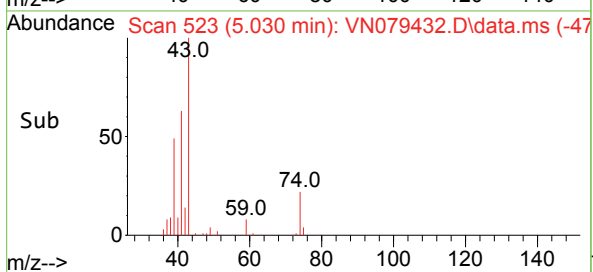
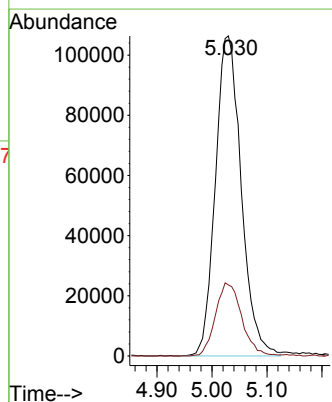
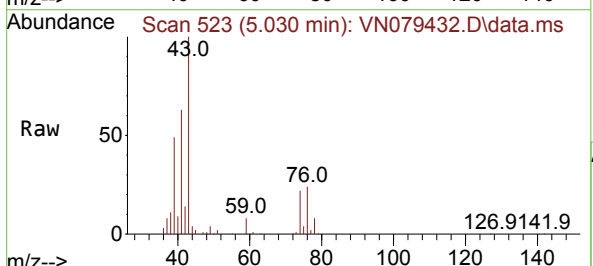


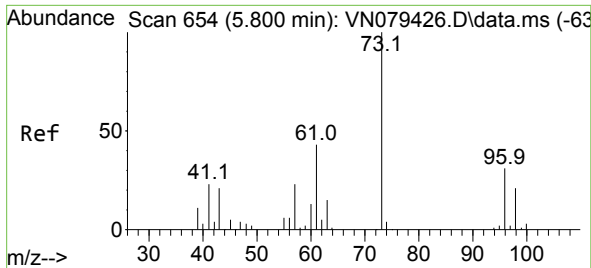
Tgt Ion: 76 Resp: 429303
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 44.190 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 43 Resp: 346908
Ion Ratio Lower Upper
43 100
74 23.2 26.2 39.4#

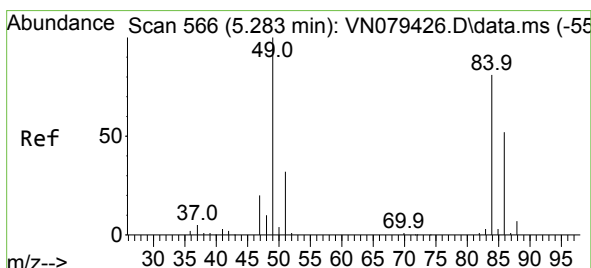
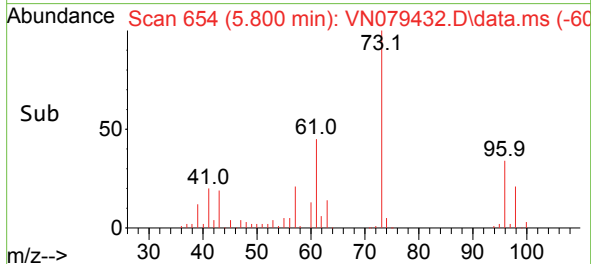
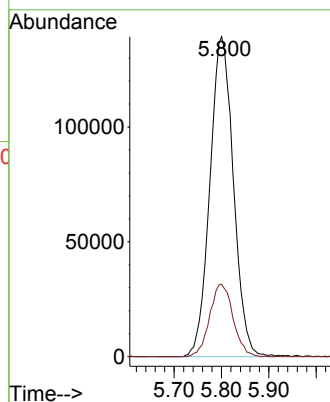
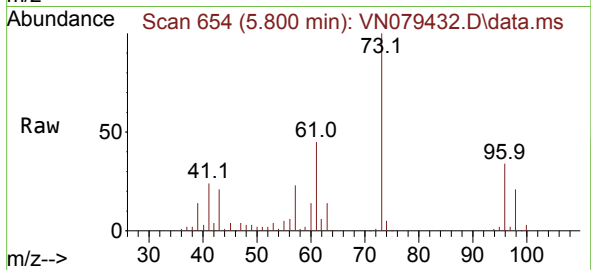




#19
Methyl tert-butyl Ether
Concen: 50.213 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

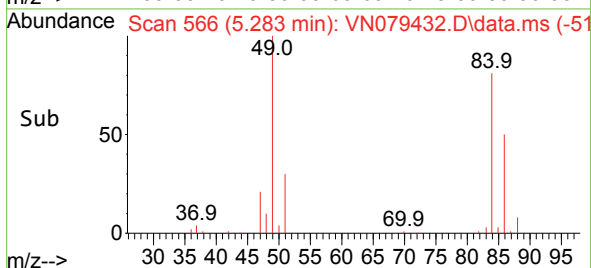
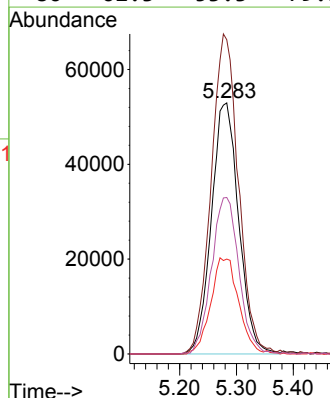
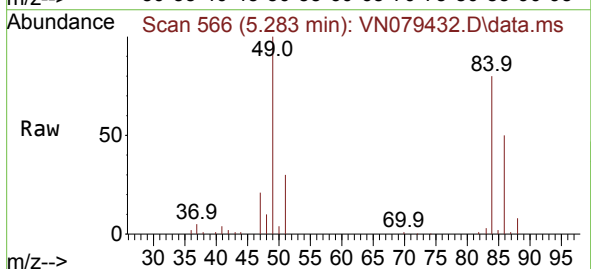
Instrument :
MSVOA_N
ClientSampleId :

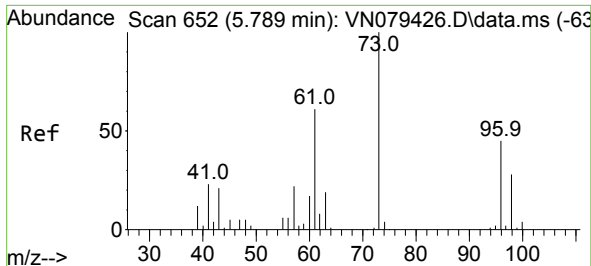
Tgt Ion: 73 Resp: 480759
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4



#20
Methylene Chloride
Concen: 50.294 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

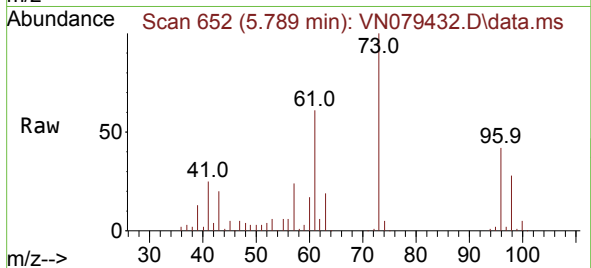
Tgt Ion: 84 Resp: 176635
Ion Ratio Lower Upper
84 100
49 125.2 79.7 119.5#
51 37.8 25.2 37.8
86 62.3 53.3 79.9



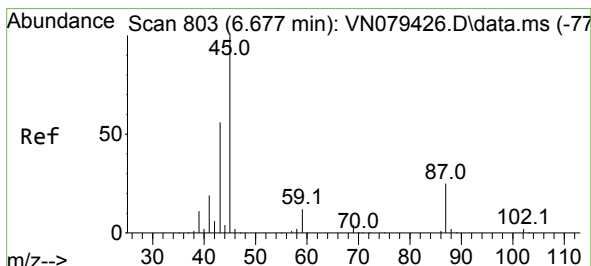
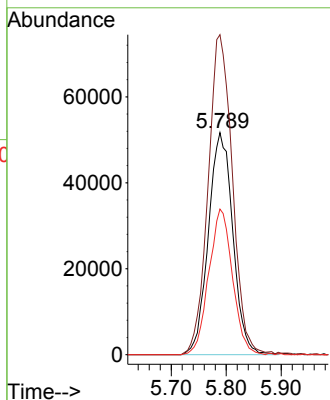
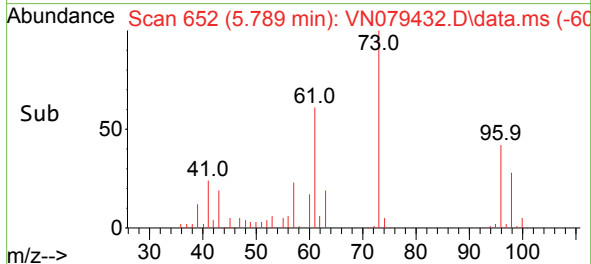


#21
trans-1,2-Dichloroethene
Concen: 46.418 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

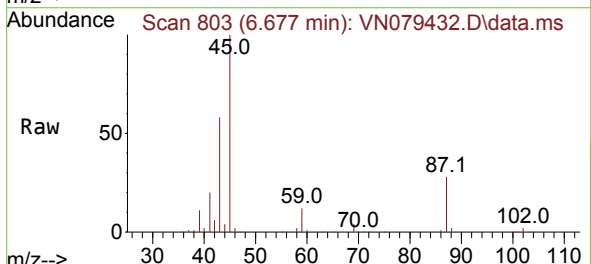
Instrument :
MSVOA_N
ClientSampleId :



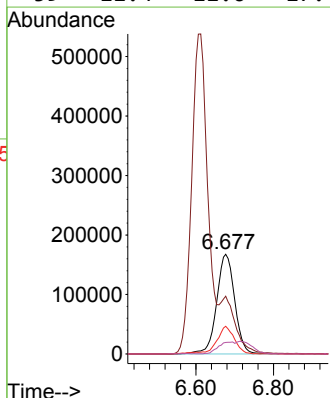
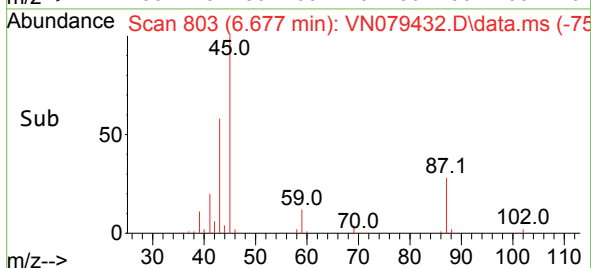
Tgt Ion: 96 Resp: 159755
Ion Ratio Lower Upper
96 100
61 144.1 90.1 135.1#
98 65.6 46.4 69.6



#22
Diisopropyl ether
Concen: 50.843 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39



Tgt Ion: 45 Resp: 542134
Ion Ratio Lower Upper
45 100
43 57.4 45.5 68.3
87 27.8 31.8 47.8#
59 11.4 11.6 17.4#

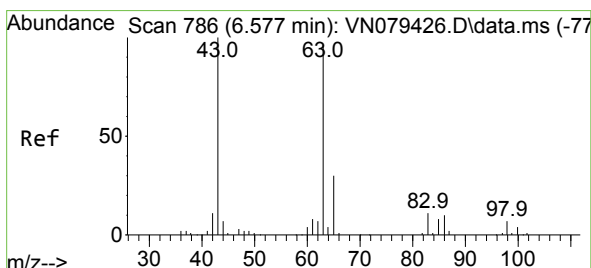
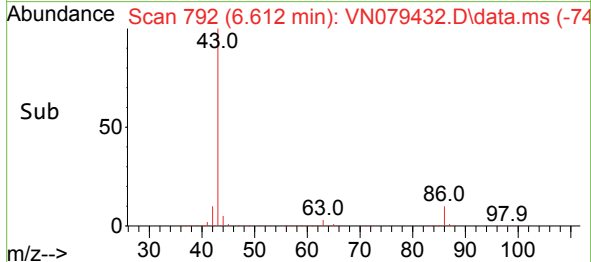
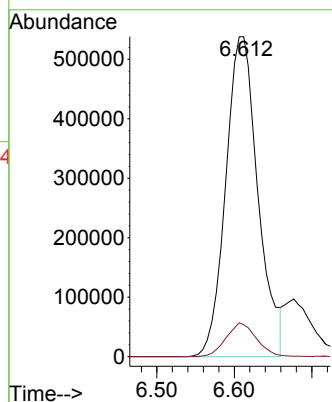
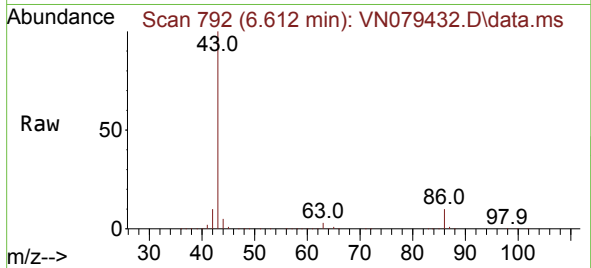




#23
 Vinyl Acetate
 Concen: 260.264 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

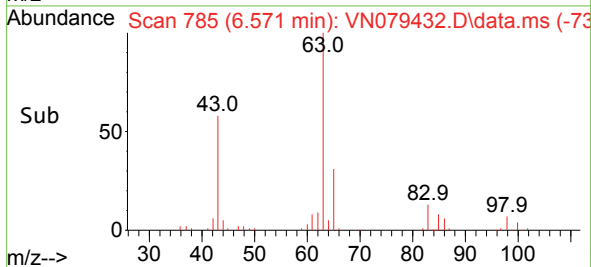
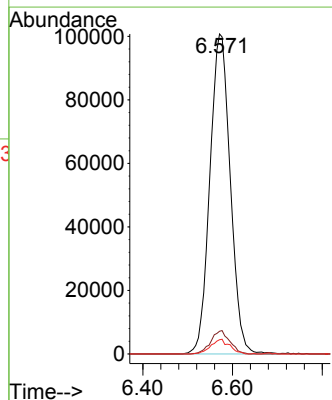
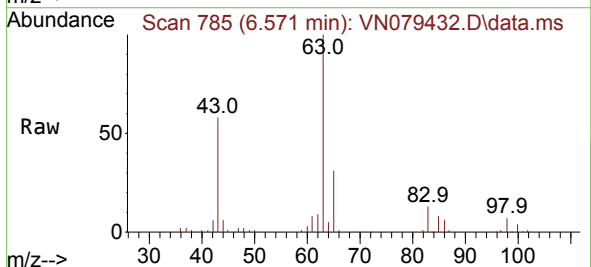
Instrument :
 MSVOA_N
 ClientSampleId :

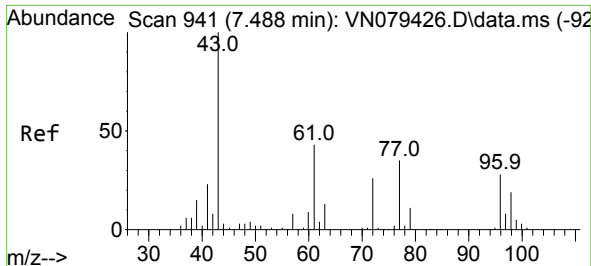
Tgt Ion: 43 Resp: 1561039
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.699 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 63 Resp: 317805
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.5 2.5 7.4

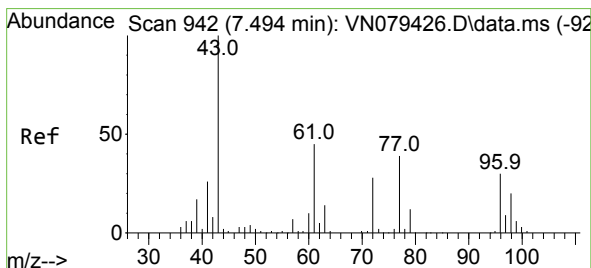
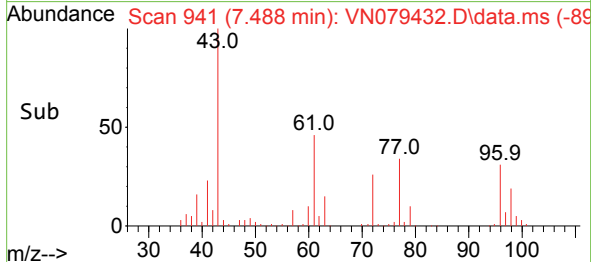
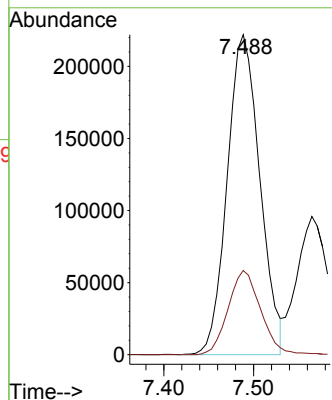
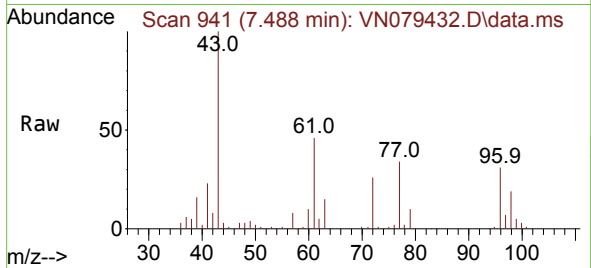




#25
2-Butanone
Concen: 236.005 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

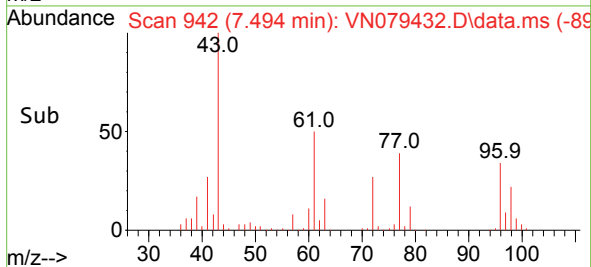
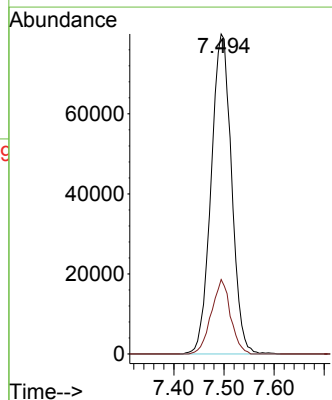
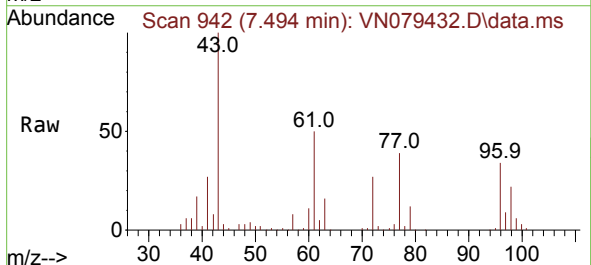
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 561826
Ion Ratio Lower Upper
43 100
72 26.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.362 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 77 Resp: 226232
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6

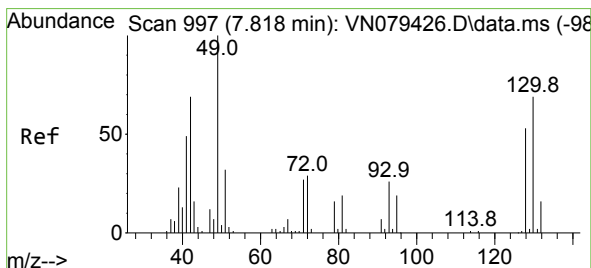
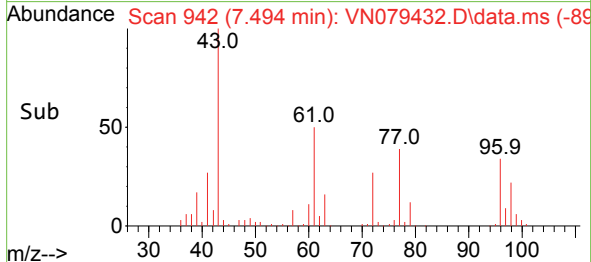
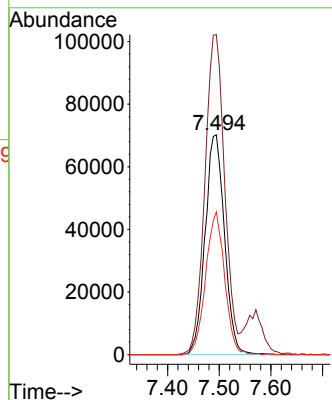
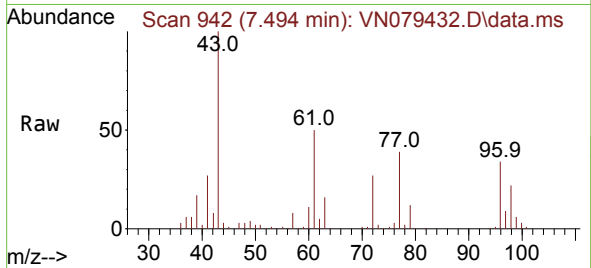




#27
 cis-1,2-Dichloroethene
 Concen: 49.046 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

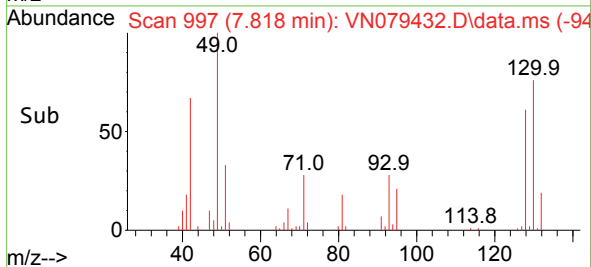
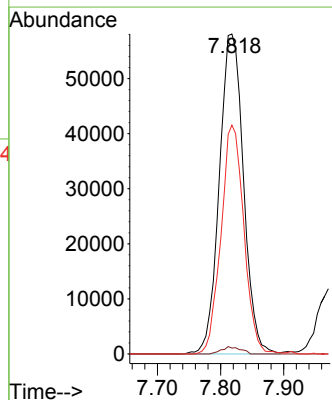
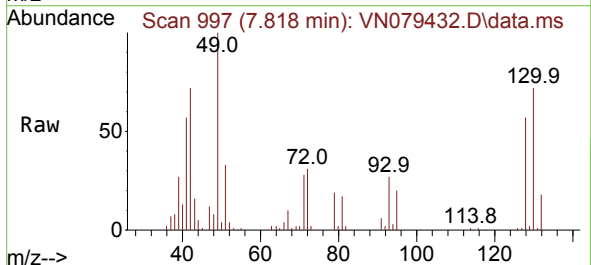
Instrument :
 MSVOA_N
 ClientSampleId :

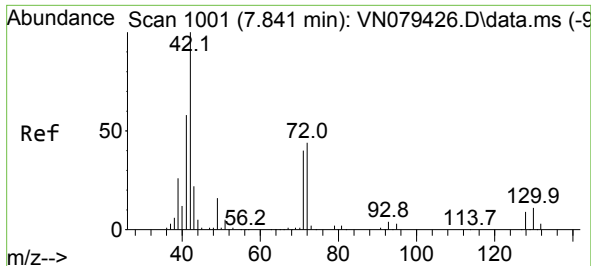
Tgt Ion: 96 Resp: 183378
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 255.2
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.707 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 49 Resp: 154339
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 67.8 75.3 112.9#

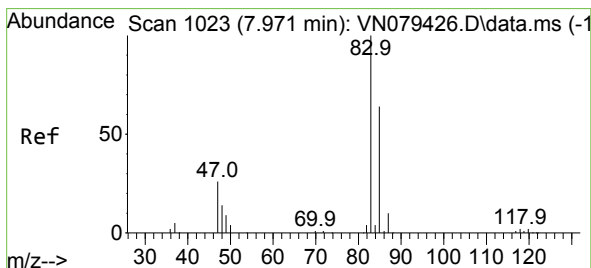
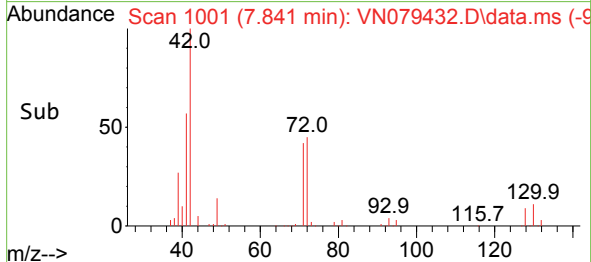
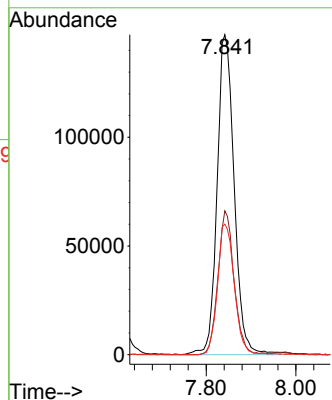
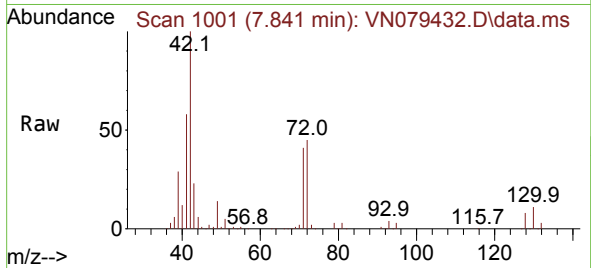




#29
Tetrahydrofuran
Concen: 252.764 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

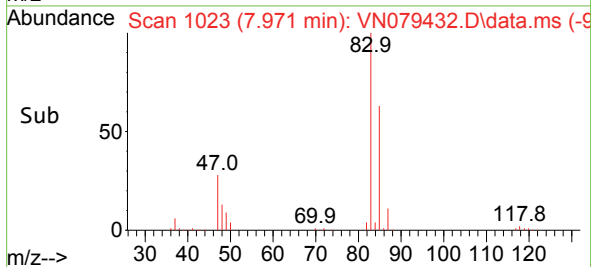
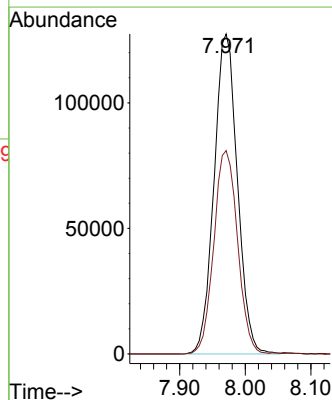
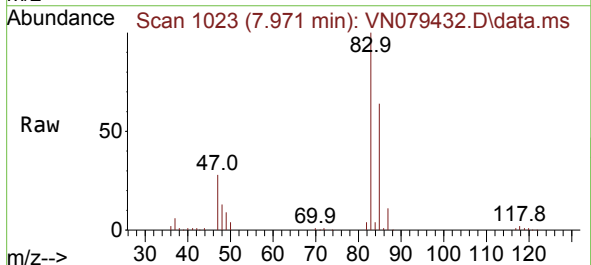
Instrument :
MSVOA_N
ClientSampleId :

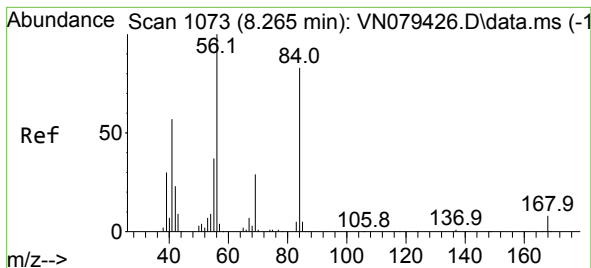
Tgt Ion: 42 Resp: 389160
Ion Ratio Lower Upper
42 100
72 42.5 49.8 74.6#
71 39.9 47.4 71.2#



#30
Chloroform
Concen: 47.777 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 83 Resp: 315020
Ion Ratio Lower Upper
83 100
85 63.6 55.4 83.0





#31

Cyclohexane

Concen: 46.786 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

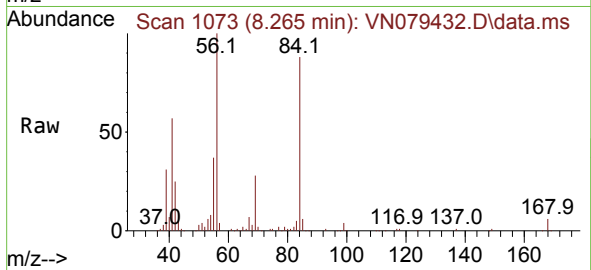
Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :



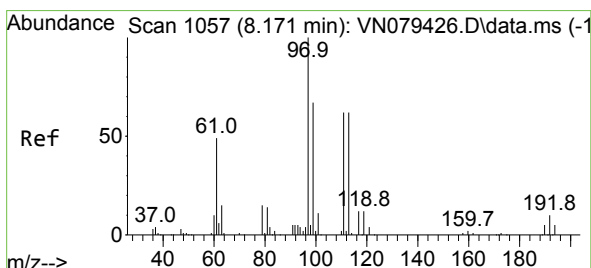
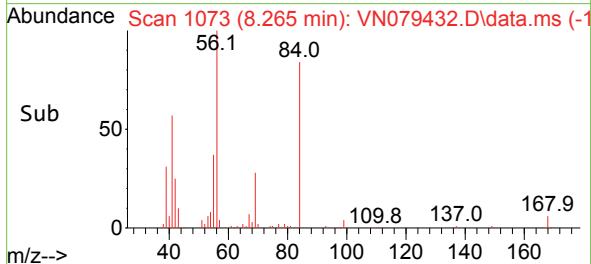
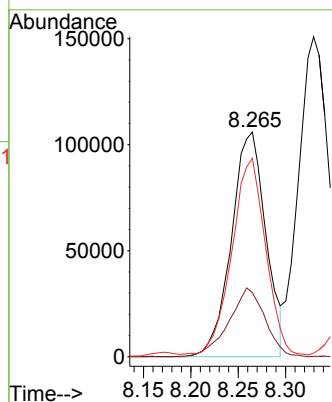
Tgt Ion: 56 Resp: 268367

Ion Ratio Lower Upper

56 100

69 28.3 26.8 40.2

84 87.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.811 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

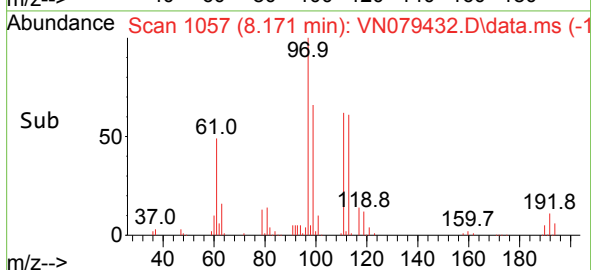
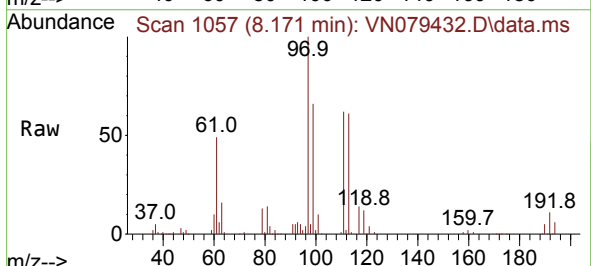
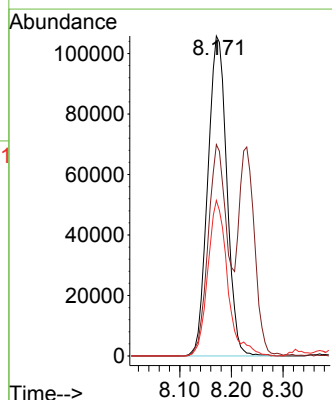
Tgt Ion: 97 Resp: 270846

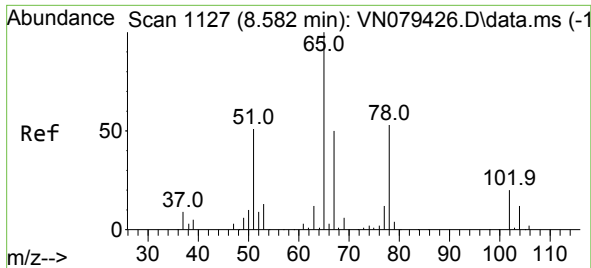
Ion Ratio Lower Upper

97 100

99 67.6 50.3 75.5

61 50.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

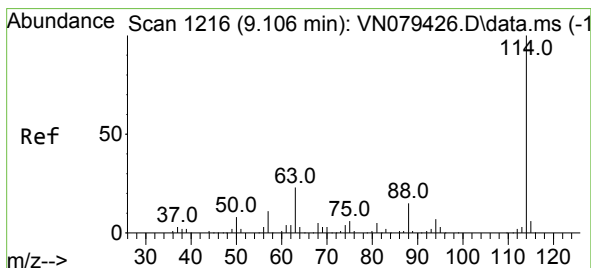
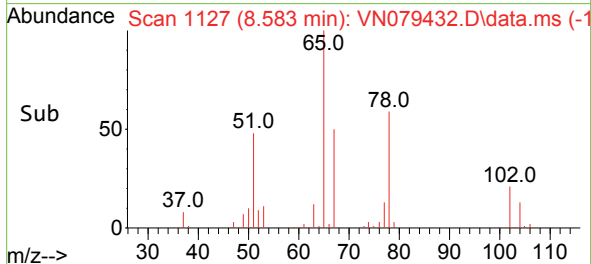
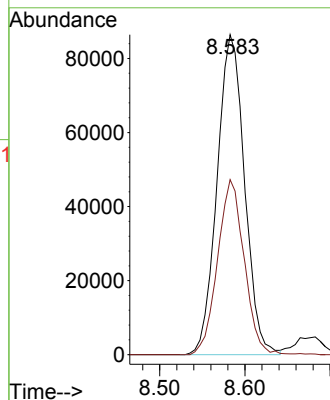
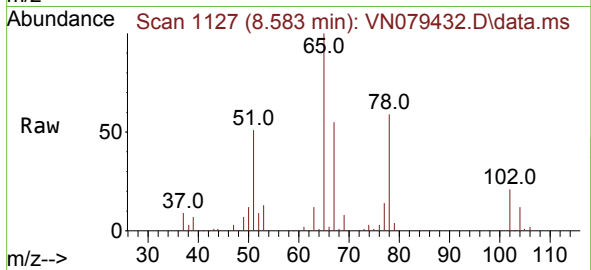
ClientSampleId :

Tgt Ion: 65 Resp: 193613

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

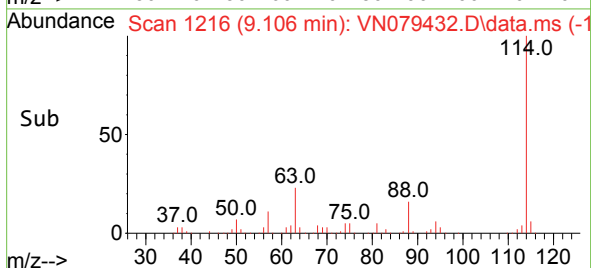
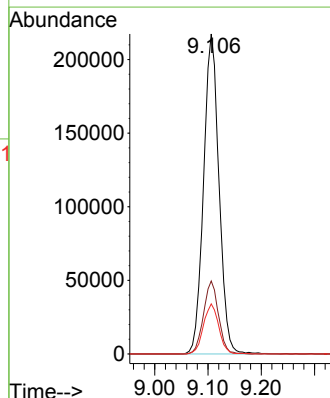
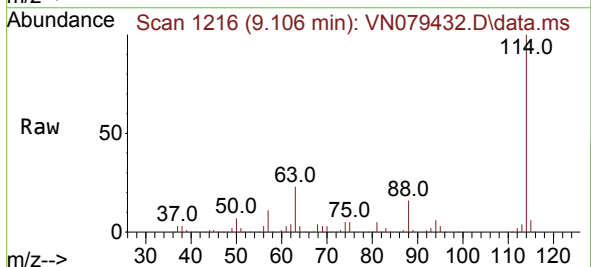
Tgt Ion: 114 Resp: 436592

Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

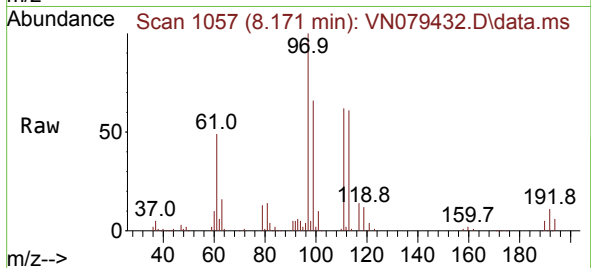
88 15.6 0.0 30.6



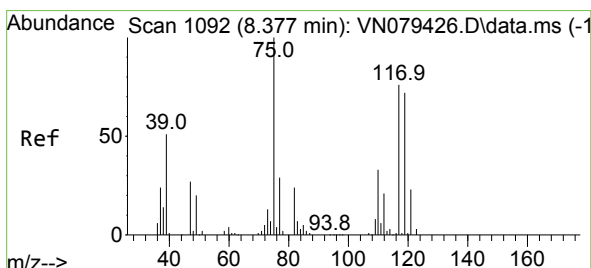
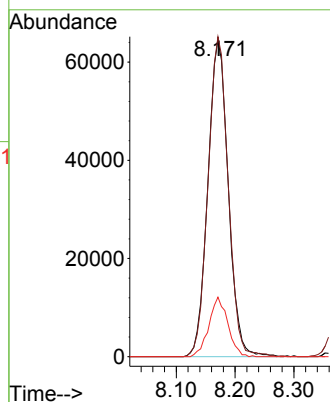
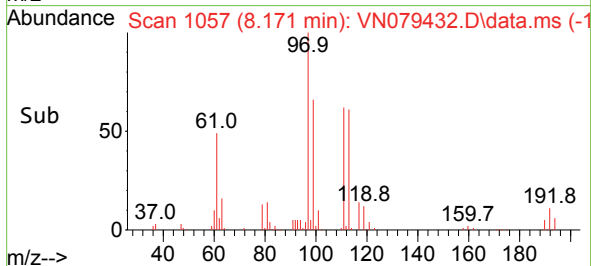


#35
Dibromofluoromethane
Concen: 49.560 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_N
ClientSampleId :

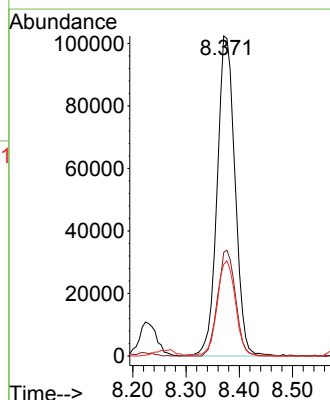
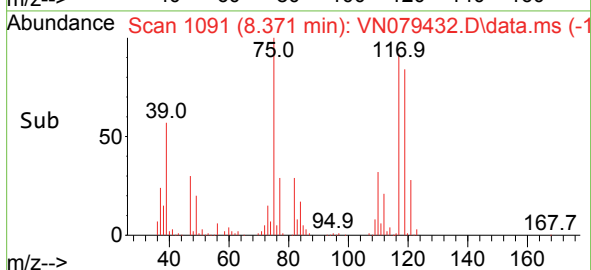
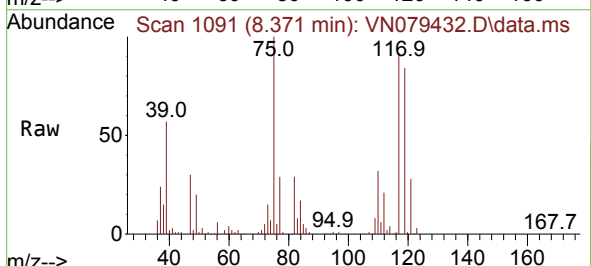


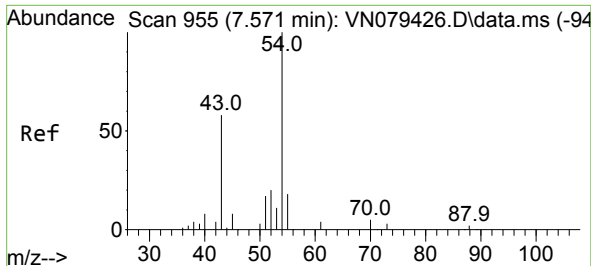
Tgt Ion:113 Resp: 155495
Ion Ratio Lower Upper
113 100
111 99.7 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.705 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 75 Resp: 238766
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 30.6 25.0 37.4

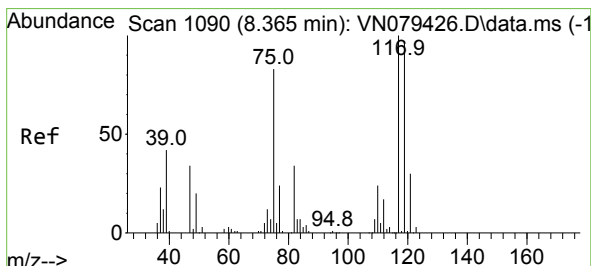
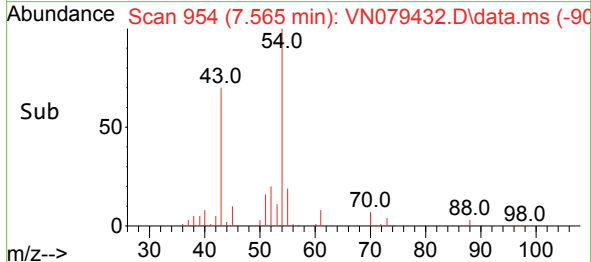
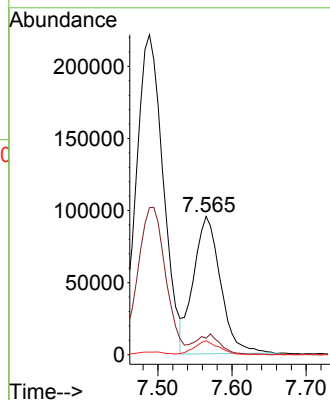
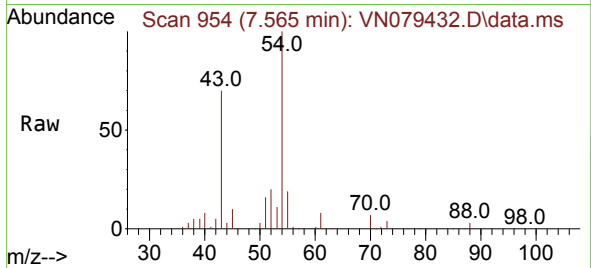




#37
Ethyl Acetate
Concen: 51.602 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

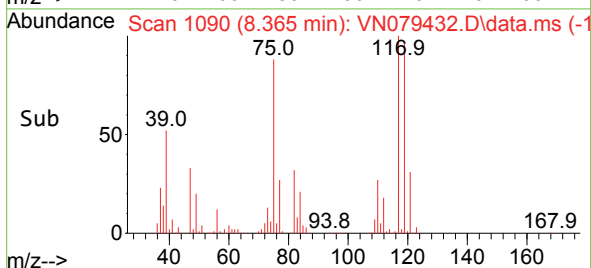
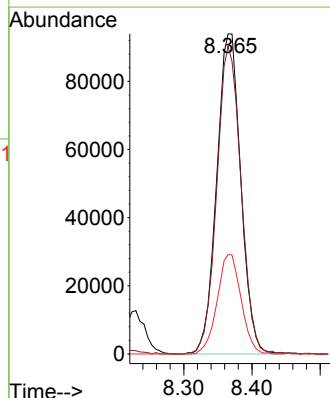
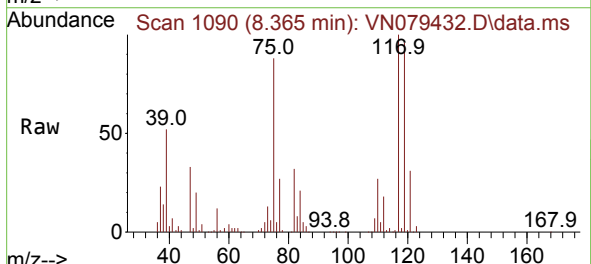
Instrument :
MSVOA_N
ClientSampleId :

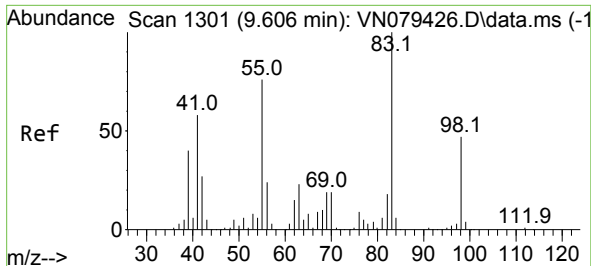
Tgt Ion: 43 Resp: 241786
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8#
70 9.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 49.030 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 117 Resp: 231135
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 52.814 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

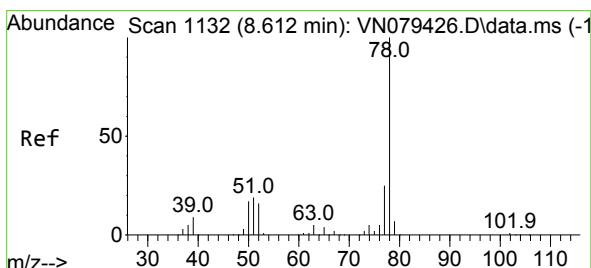
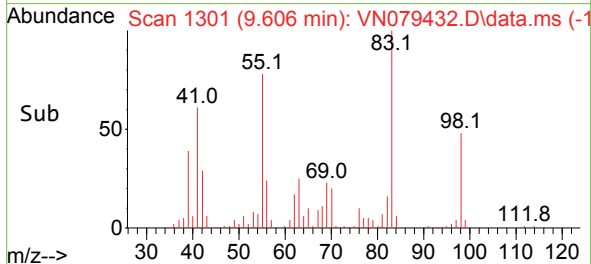
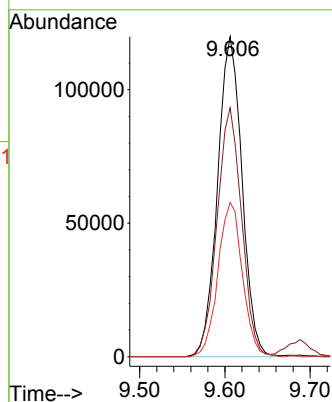
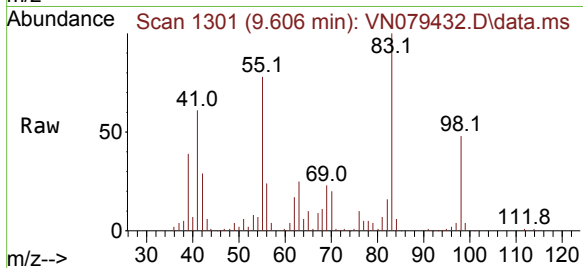
Tgt Ion: 83 Resp: 238941

Ion Ratio Lower Upper

83 100

55 77.7 49.1 73.7#

98 48.1 40.6 61.0



#40

Benzene

Concen: 50.884 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079432.D

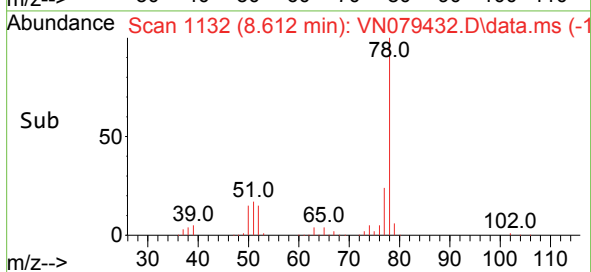
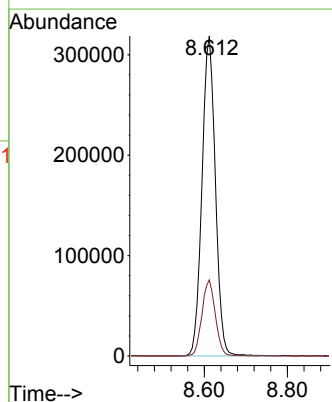
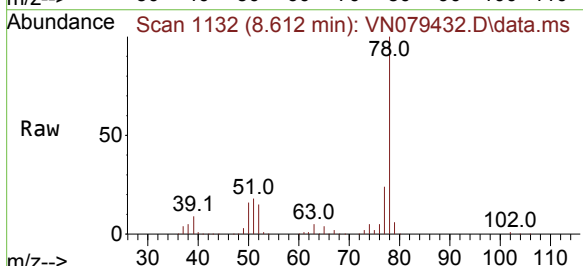
Acq: 05 Oct 2023 20:39

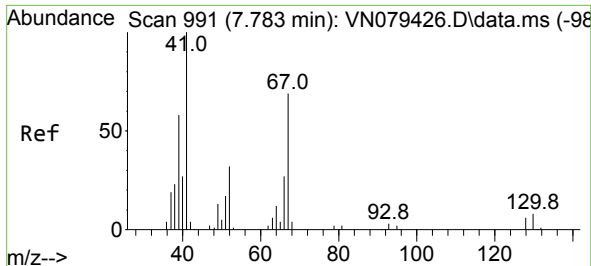
Tgt Ion: 78 Resp: 711604

Ion Ratio Lower Upper

78 100

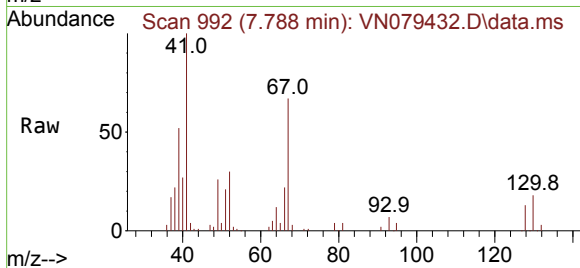
77 23.7 19.0 28.6



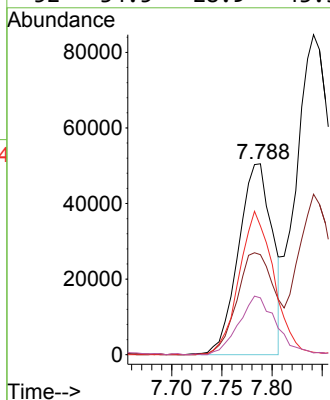
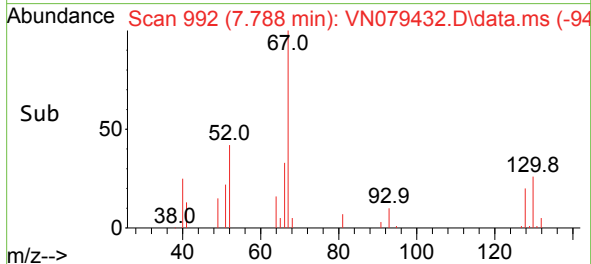


#41
Methacrylonitrile
Concen: 48.277 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

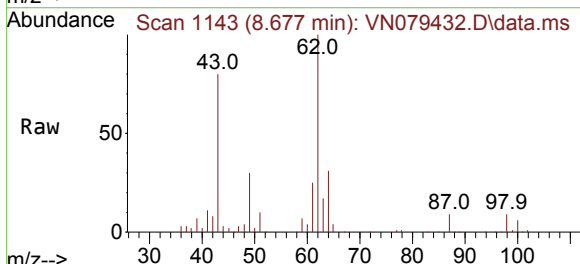
Instrument :
MSVOA_N
ClientSampleId :



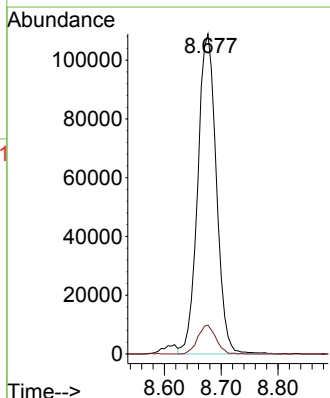
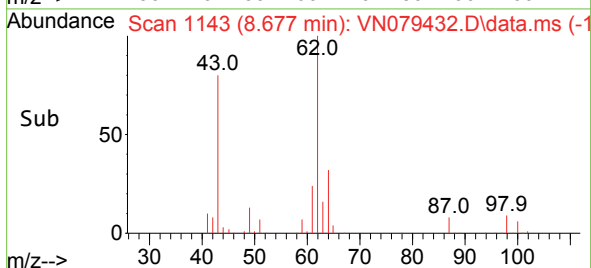
Tgt Ion:	41	Resp:	118924
Ion	Ratio	Lower	Upper
41	100		
39	60.1	42.6	64.0
67	77.1	77.5	116.3
52	34.5	28.9	43.3

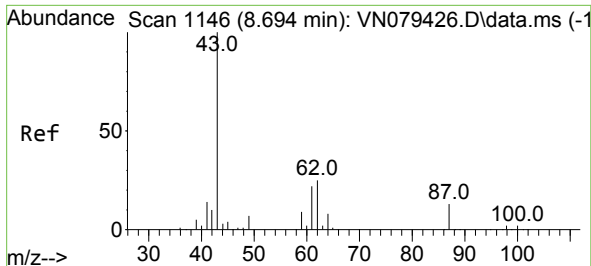


#42
1,2-Dichloroethane
Concen: 48.731 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39



Tgt Ion:	62	Resp:	247630
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

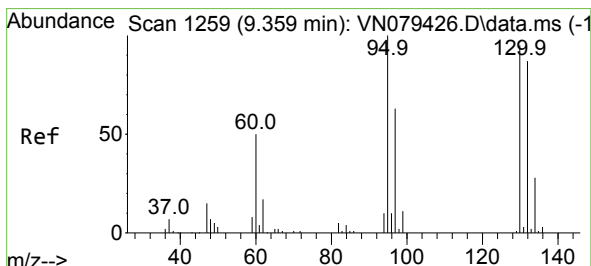
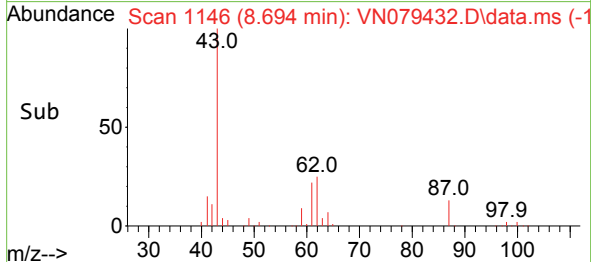
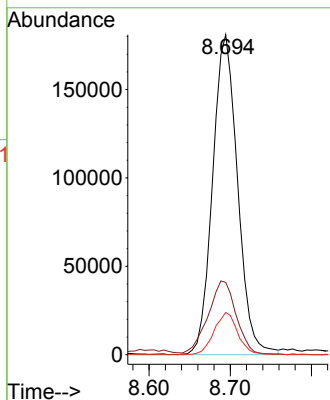
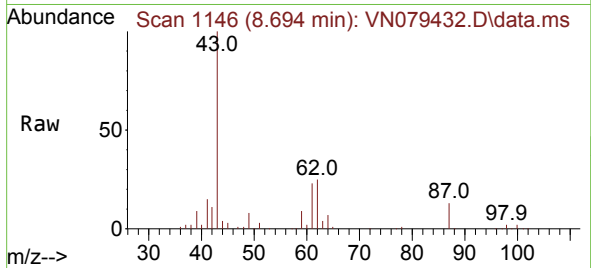




#43
Isopropyl Acetate
Concen: 47.167 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

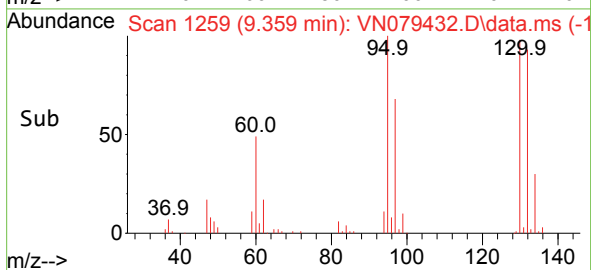
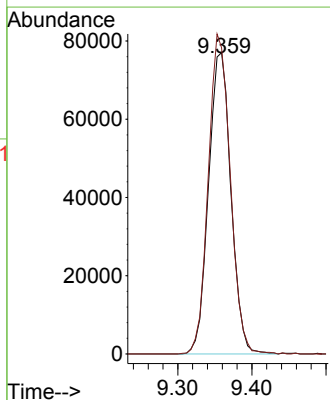
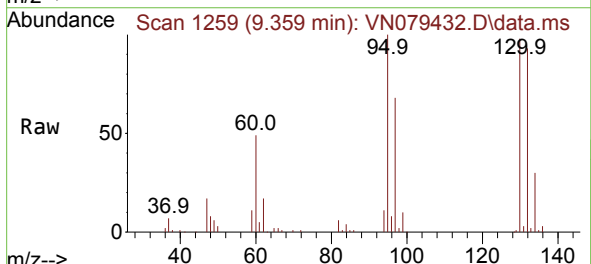
Instrument :
MSVOA_N
ClientSampleId :

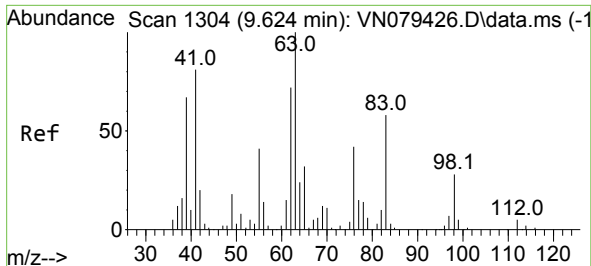
Tgt Ion: 43 Resp: 387195
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 12.5 14.6 21.8#



#44
Trichloroethene
Concen: 49.094 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion:130 Resp: 161595
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.6

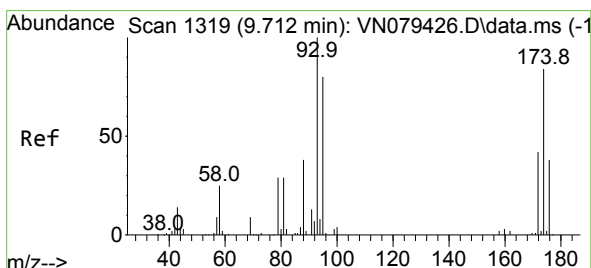
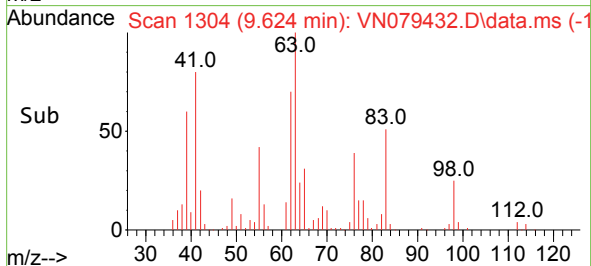
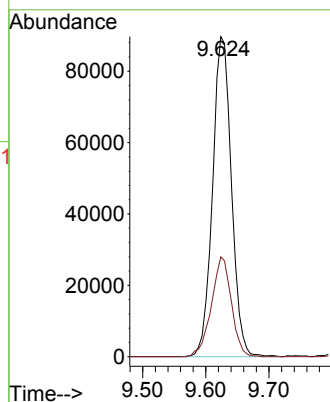
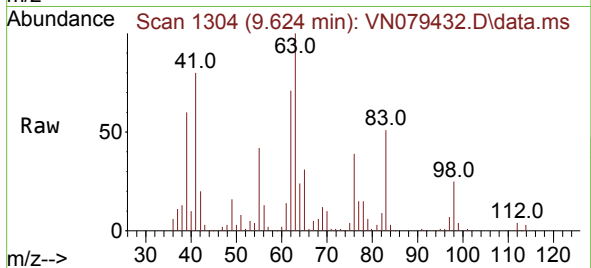




#45
1,2-Dichloropropane
Concen: 50.511 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

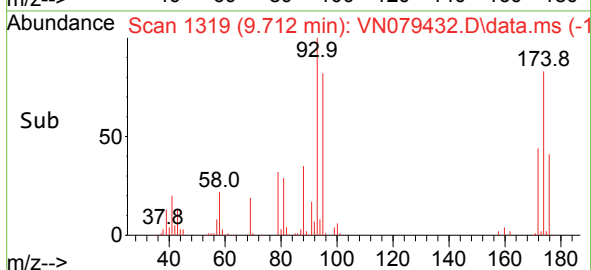
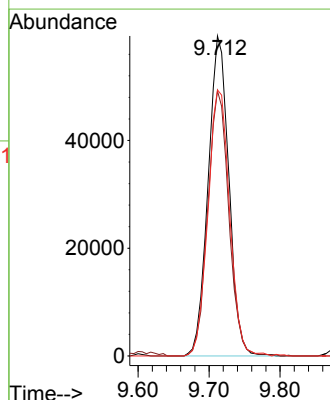
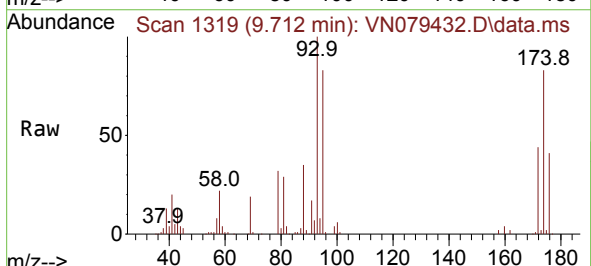
Instrument :
MSVOA_N
ClientSampleId :

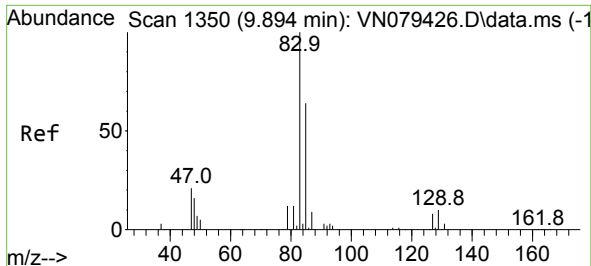
Tgt Ion: 63 Resp: 186116
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9



#46
Dibromomethane
Concen: 50.390 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 93 Resp: 120251
Ion Ratio Lower Upper
93 100
95 84.4 63.8 95.8
174 87.2 65.6 98.4





#47

Bromodichloromethane

Concen: 50.693 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

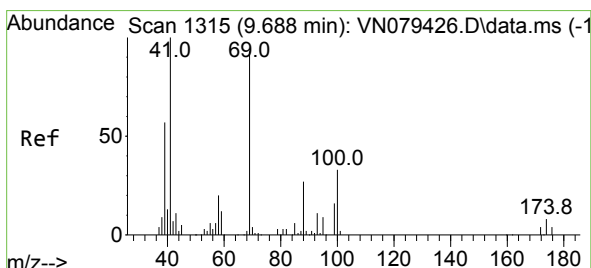
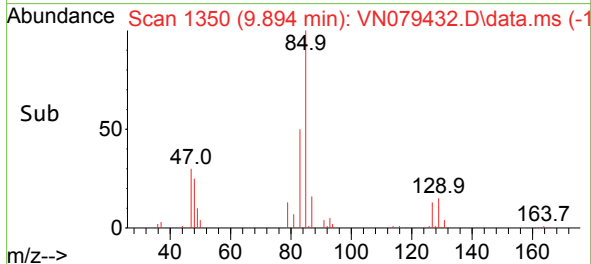
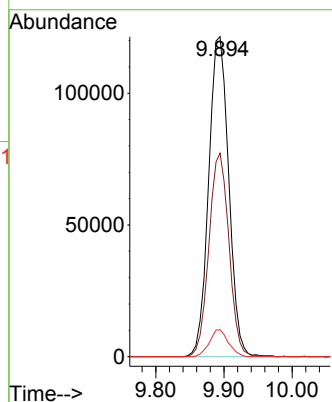
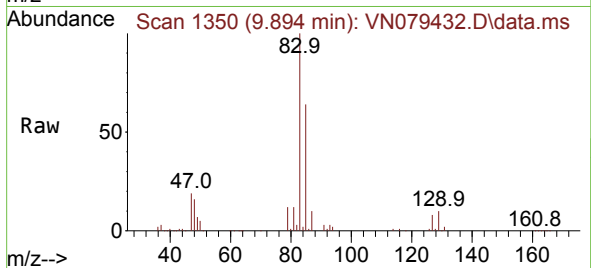
Tgt Ion: 83 Resp: 248847

Ion Ratio Lower Upper

83 100

85 63.6 49.6 74.4

127 8.5 7.0 10.6



#48

Methyl methacrylate

Concen: 51.877 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

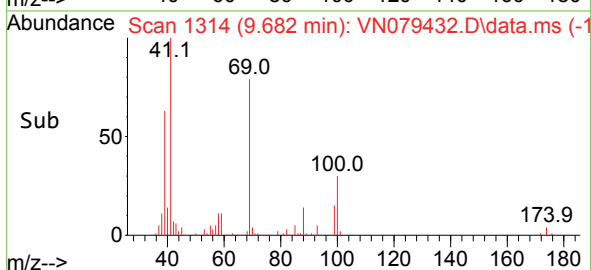
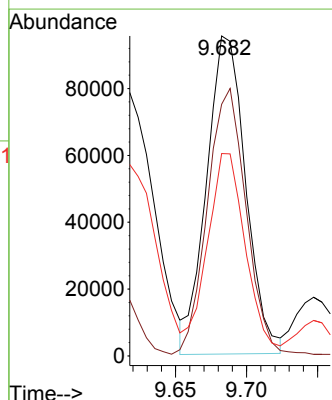
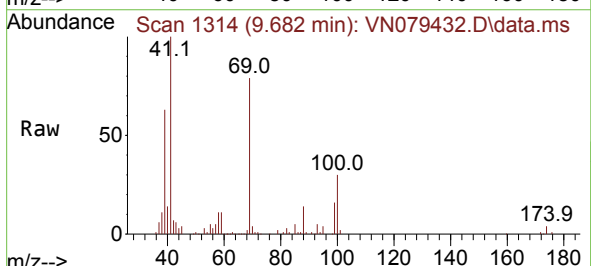
Tgt Ion: 41 Resp: 182486

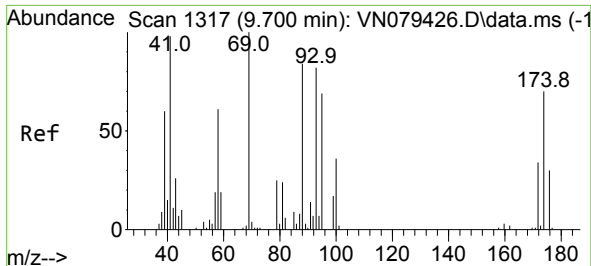
Ion Ratio Lower Upper

41 100

69 82.9 90.4 135.6

39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1020.307 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

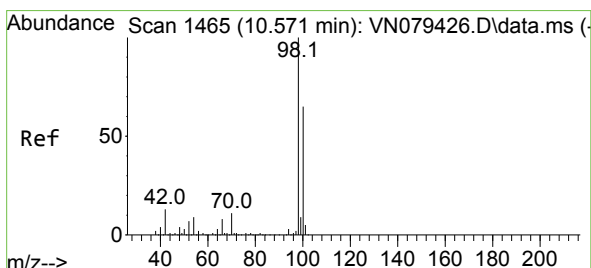
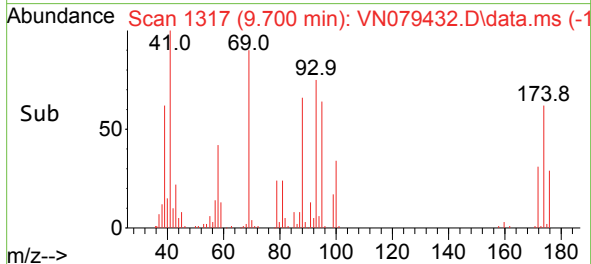
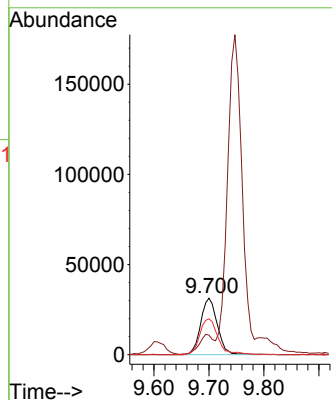
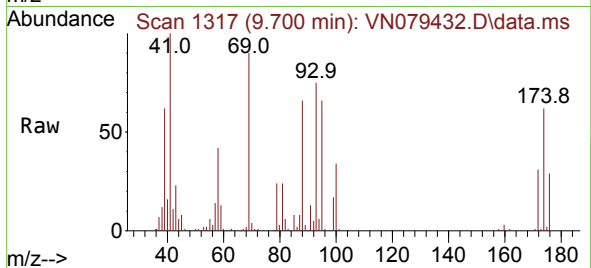
Tgt Ion: 88 Resp: 66110

Ion Ratio Lower Upper

88 100

43 31.3 17.0 25.6#

58 69.3 47.0 70.4



#50

Toluene-d8

Concen: 51.747 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079432.D

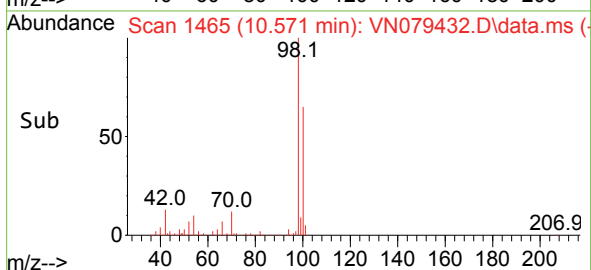
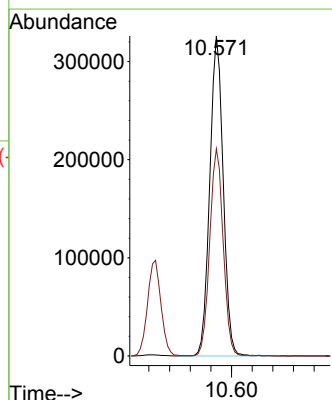
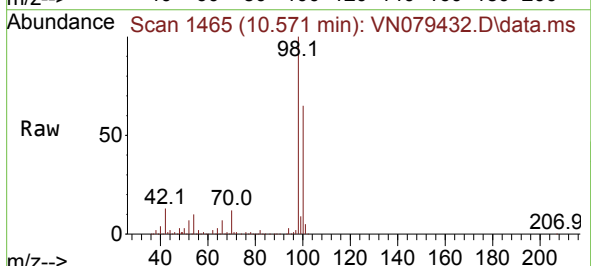
Acq: 05 Oct 2023 20:39

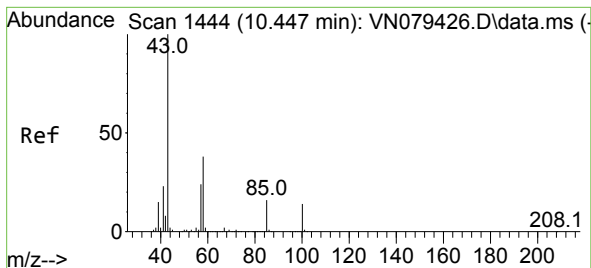
Tgt Ion: 98 Resp: 587450

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

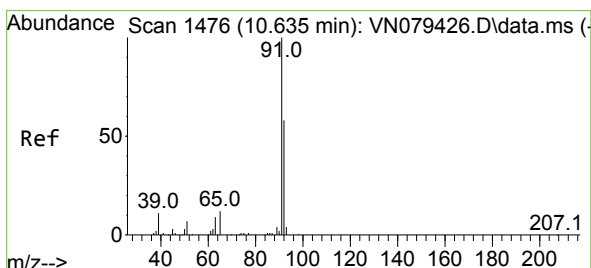
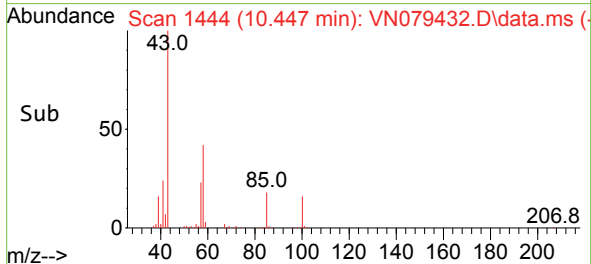
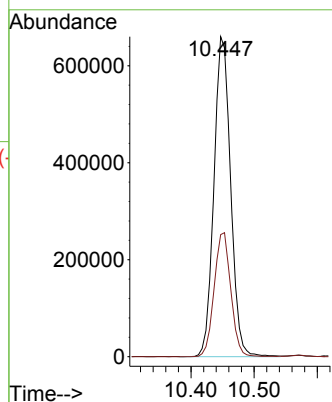
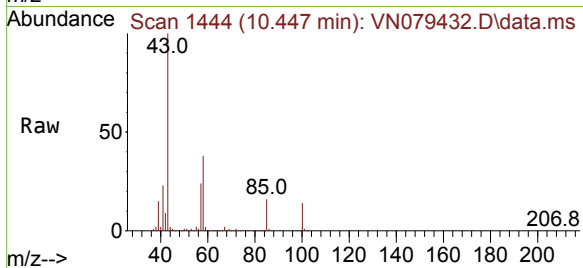




#51
4-Methyl-2-Pentanone
Concen: 261.482 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

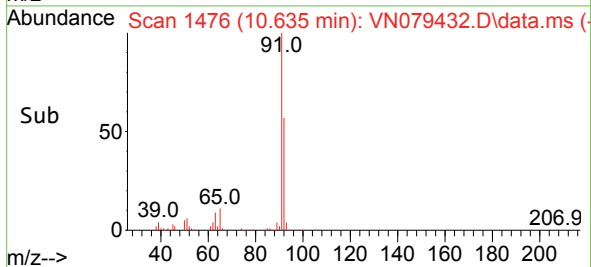
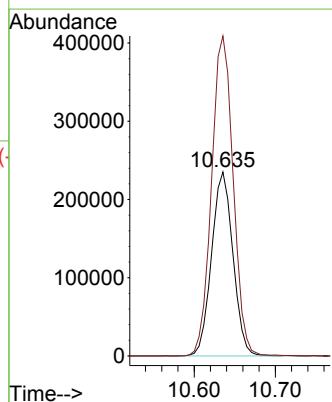
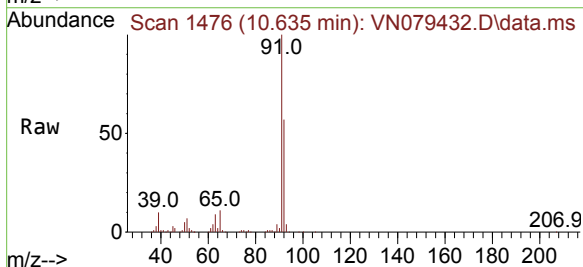
Instrument :
MSVOA_N
ClientSampleId :

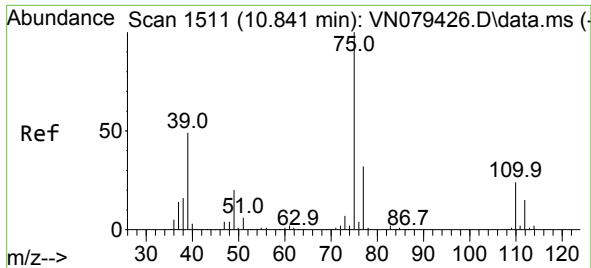
Tgt Ion: 43 Resp: 1211695
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 52.236 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 92 Resp: 430001
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

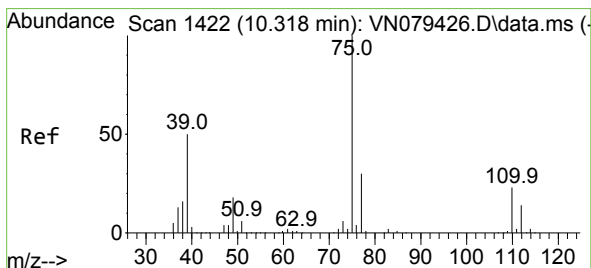
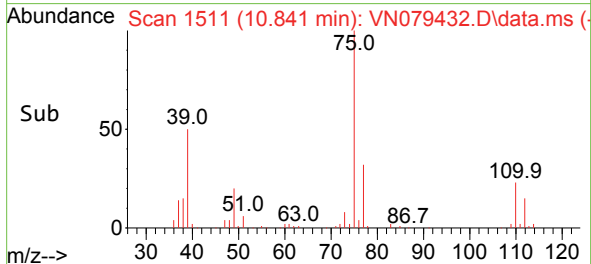
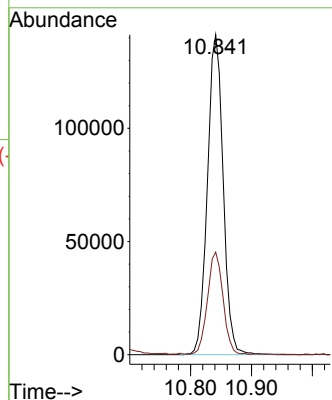
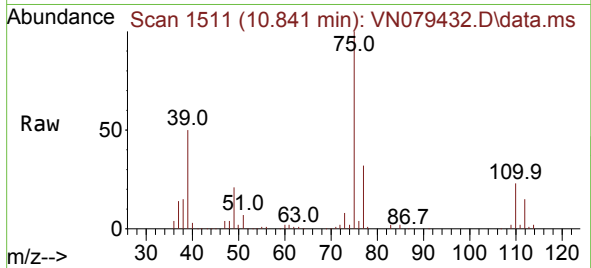




#53
 t-1,3-Dichloropropene
 Concen: 51.335 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

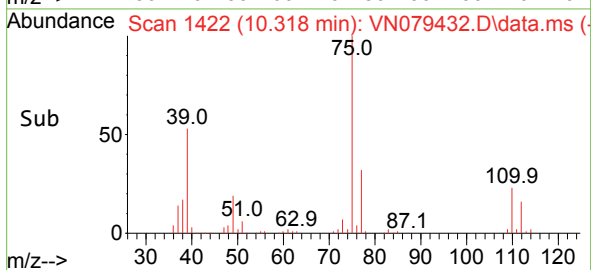
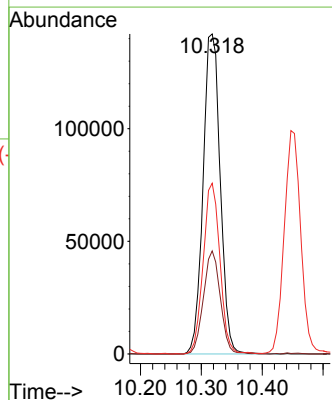
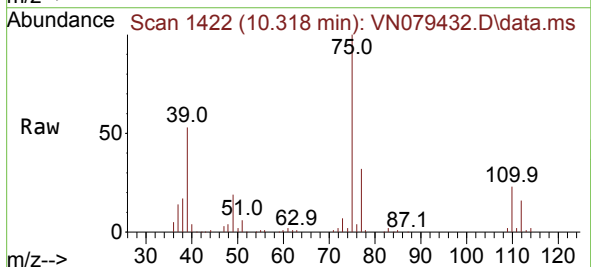
Instrument :
 MSVOA_N
 ClientSampleId :

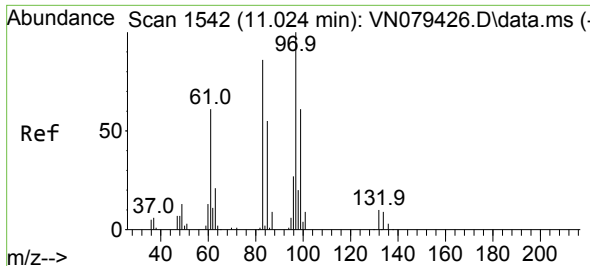
Tgt Ion: 75 Resp: 253953
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.364 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 75 Resp: 278155
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 53.3 31.6 47.4#

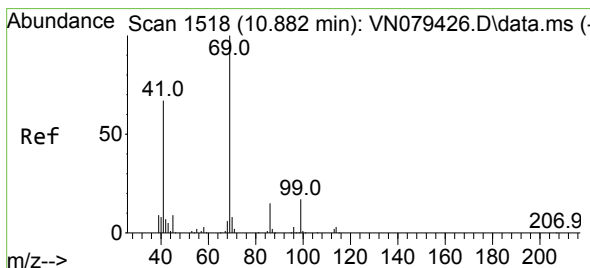
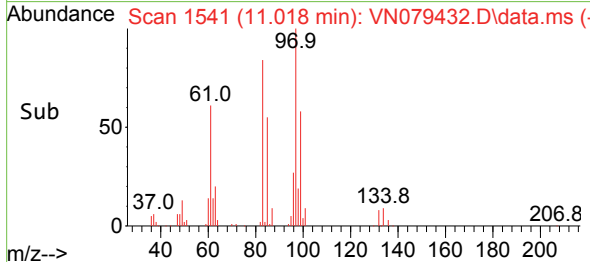
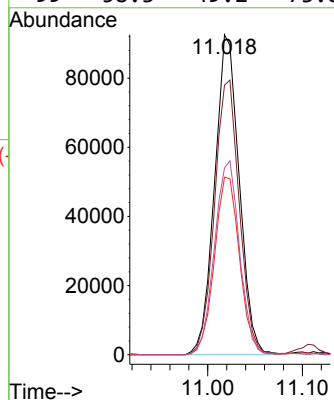
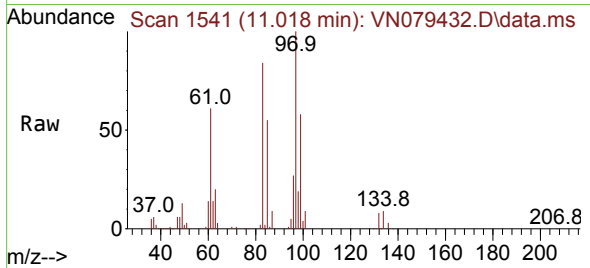




#55
1,1,2-Trichloroethane
Concen: 50.580 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

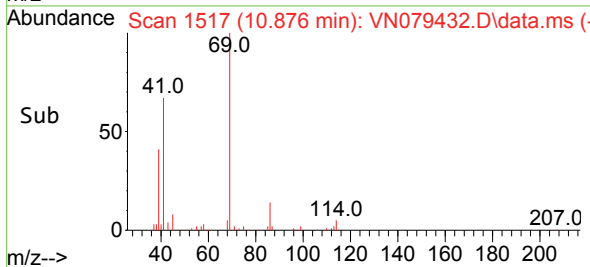
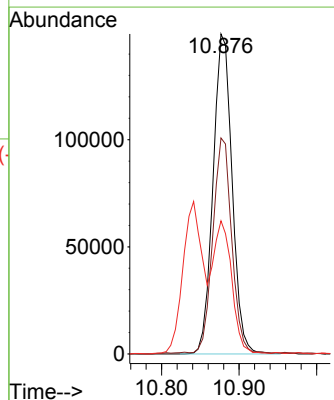
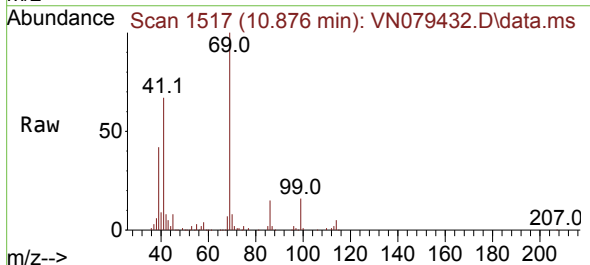
Instrument :
MSVOA_N
ClientSampleId :

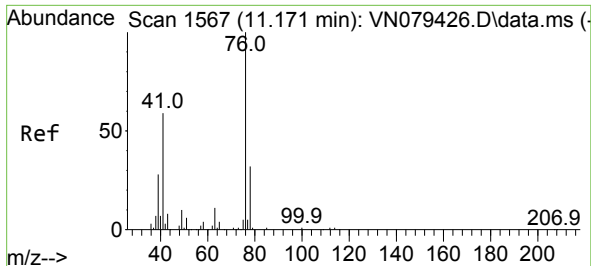
Tgt Ion: 97 Resp: 167160
Ion Ratio Lower Upper
97 100
83 84.3 65.1 97.7
85 55.5 43.4 65.2
99 58.3 49.2 73.8



#56
Ethyl methacrylate
Concen: 56.162 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 69 Resp: 255047
Ion Ratio Lower Upper
69 100
41 67.9 39.6 59.4#
39 40.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.746 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

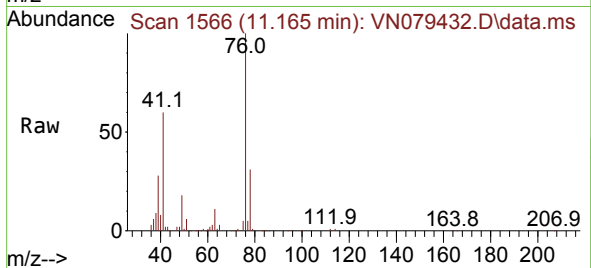
Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

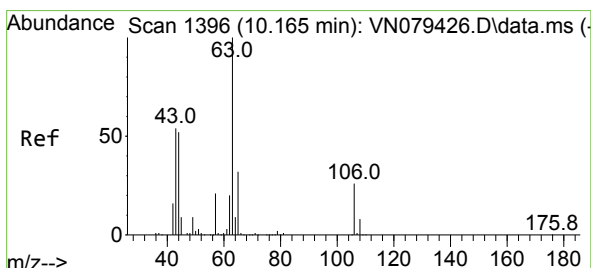
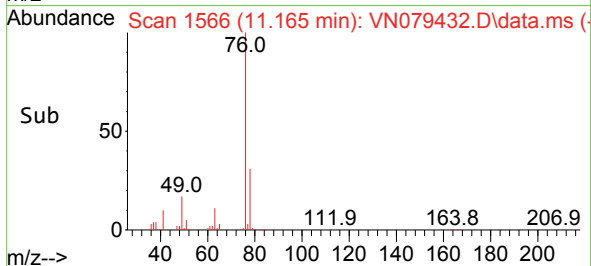
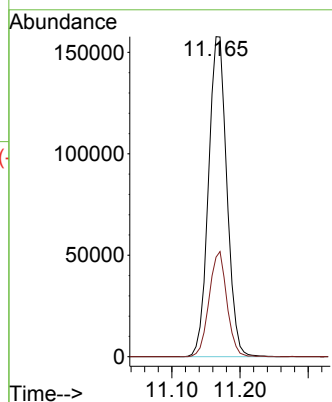


Tgt Ion: 76 Resp: 295296

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 281.492 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079432.D

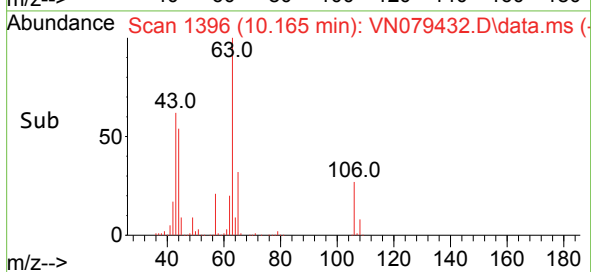
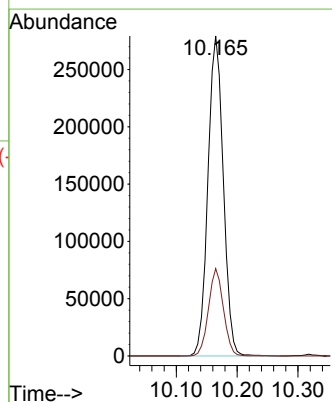
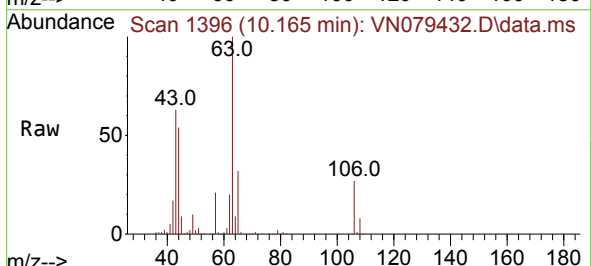
Acq: 05 Oct 2023 20:39

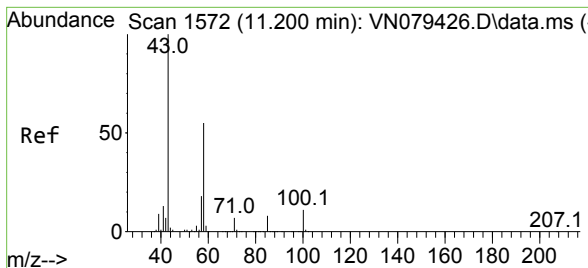
Tgt Ion: 63 Resp: 489560

Ion Ratio Lower Upper

63 100

106 26.5 26.2 39.4

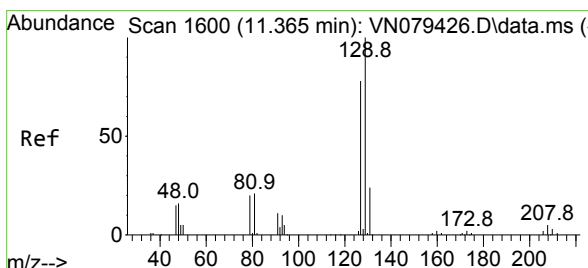
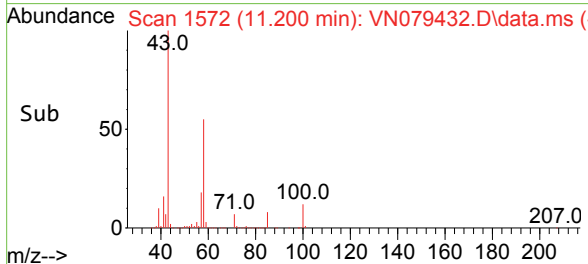
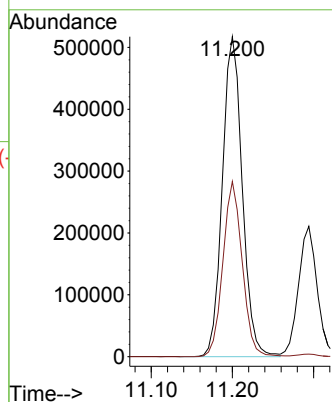
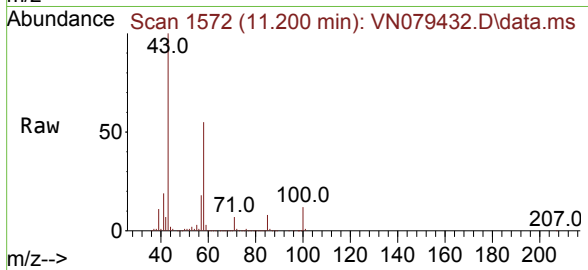




#59
2-Hexanone
Concen: 264.077 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

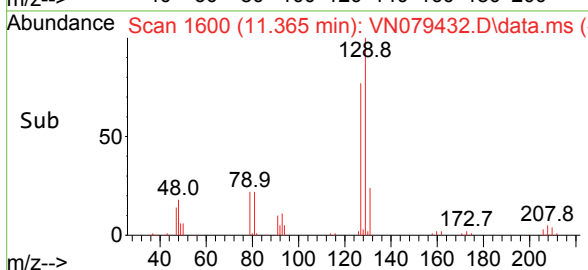
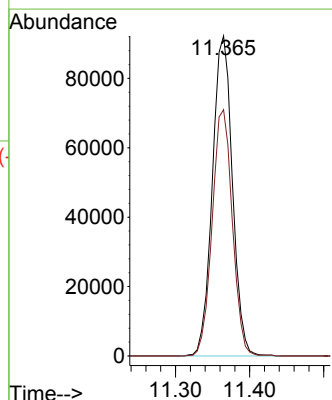
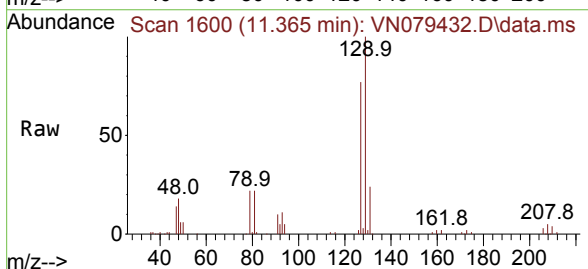
Instrument :
MSVOA_N
ClientSampleId :

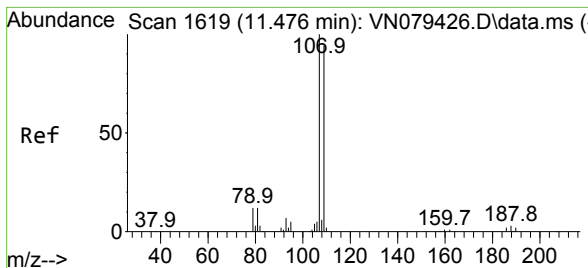
Tgt Ion: 43 Resp: 883044
Ion Ratio Lower Upper
43 100
58 53.1 31.7 95.1



#60
Dibromochloromethane
Concen: 52.093 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion:129 Resp: 173024
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.202 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

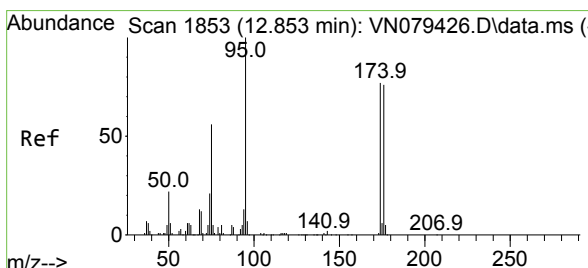
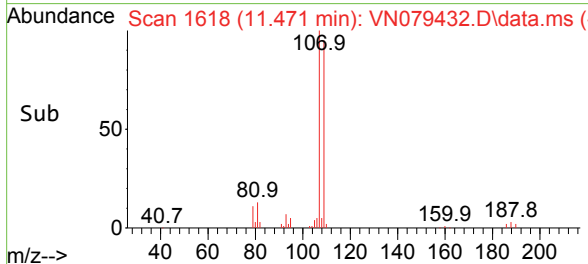
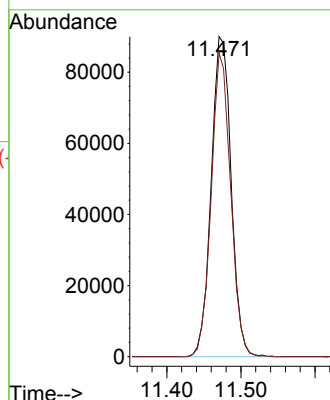
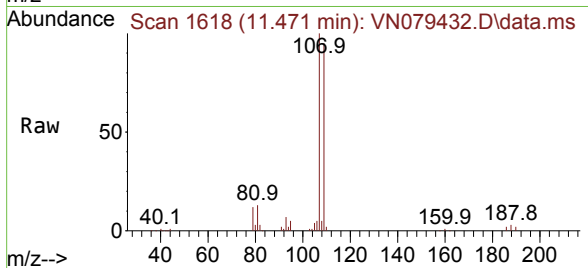
ClientSampleId :

Tgt Ion:107 Resp: 167930

Ion Ratio Lower Upper

107 100

109 92.4 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 51.418 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

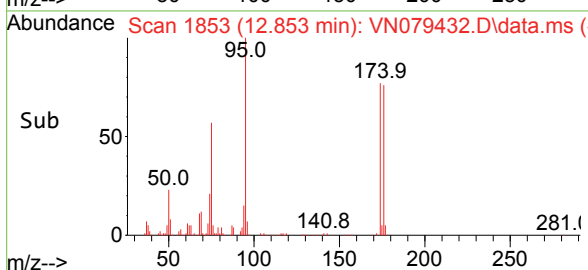
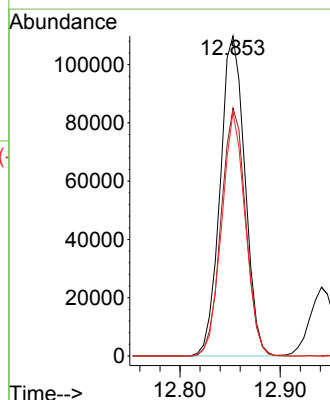
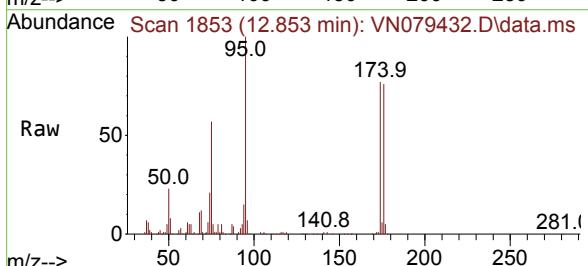
Tgt Ion: 95 Resp: 187329

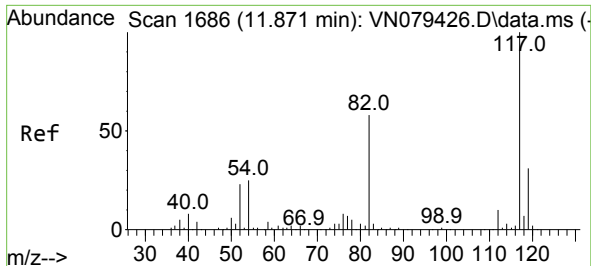
Ion Ratio Lower Upper

95 100

174 76.7 0.0 143.8

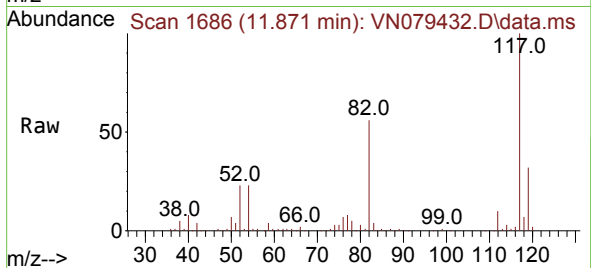
176 72.9 0.0 135.8



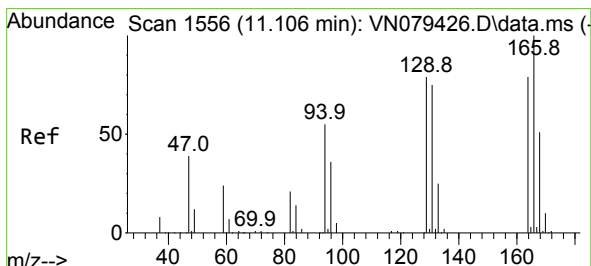
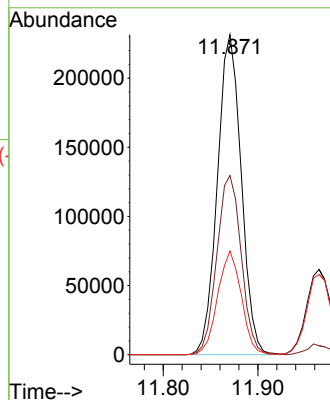
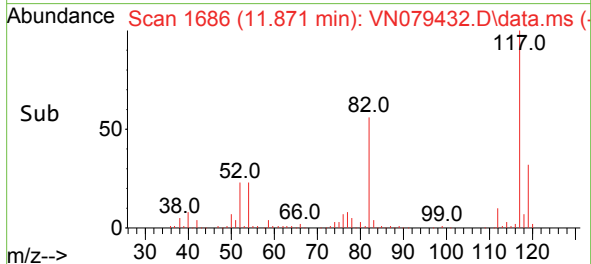


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

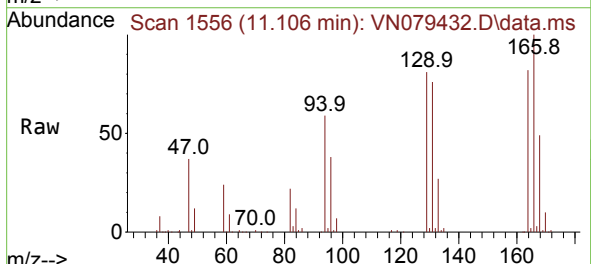
Instrument :
MSVOA_N
ClientSampleId :



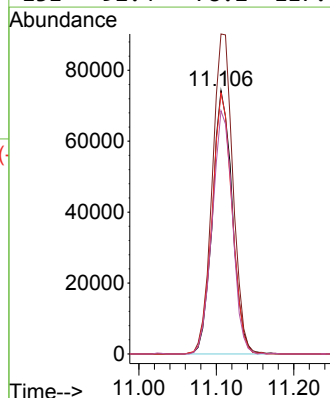
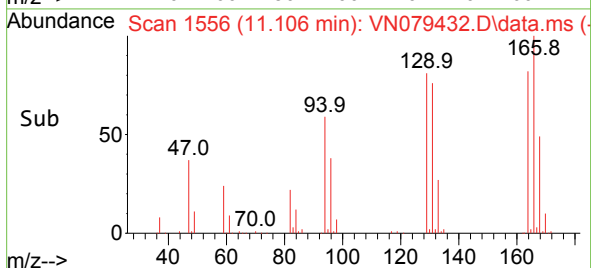
Tgt Ion:117 Resp: 405873
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.4 25.6 38.4

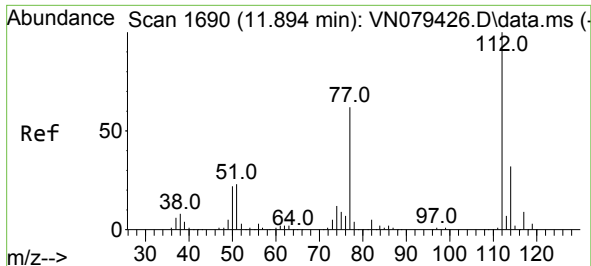


#64
Tetrachloroethene
Concen: 47.417 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39



Tgt Ion:164 Resp: 132392
Ion Ratio Lower Upper
164 100
166 121.5 101.4 152.0
129 99.0 82.4 123.6
131 92.4 78.2 117.4

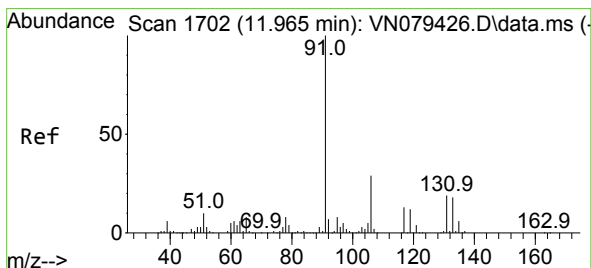
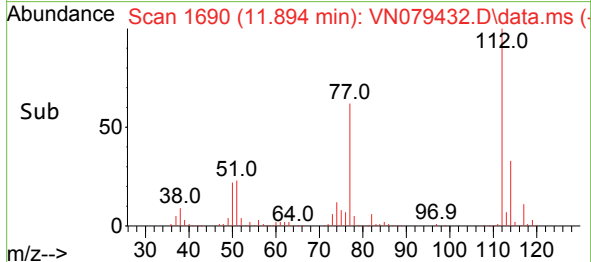
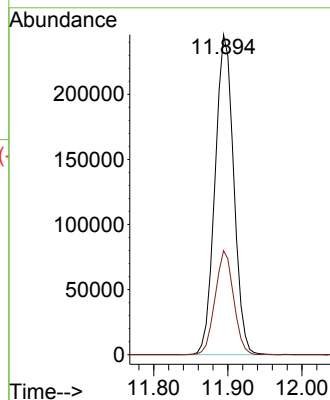
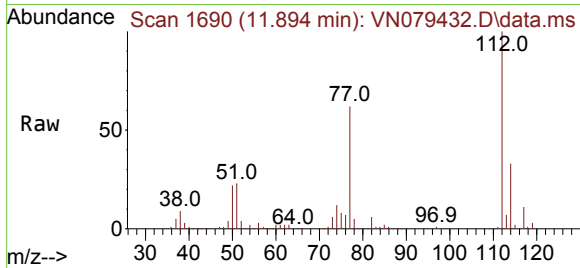




#65
Chlorobenzene
Concen: 47.607 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

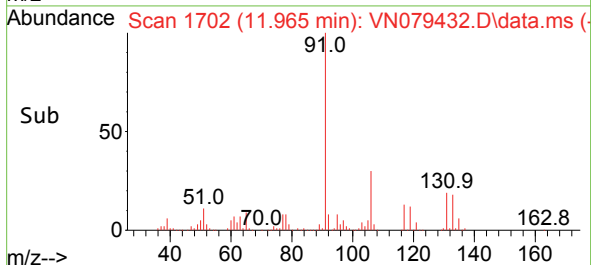
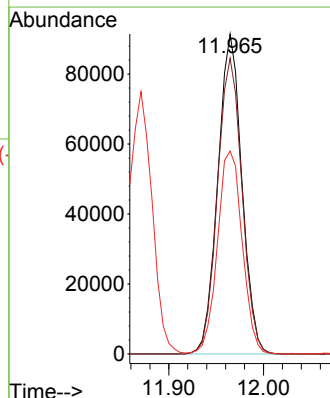
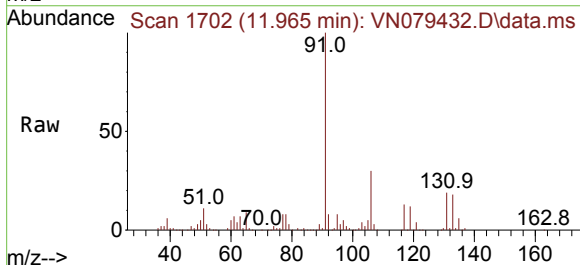
Instrument :
MSVOA_N
ClientSampleId :

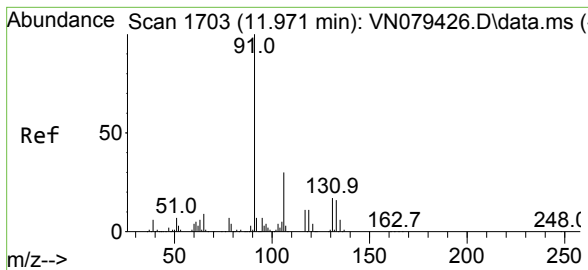
Tgt Ion:112 Resp: 430312
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.804 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion:131 Resp: 161518
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 51.795 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

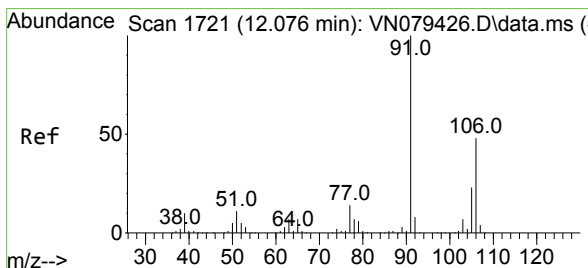
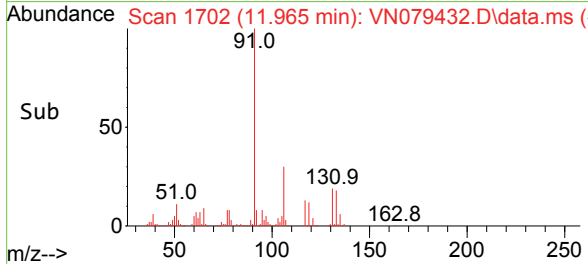
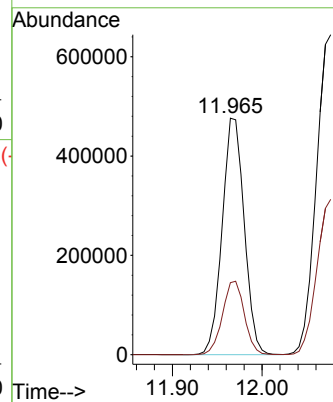
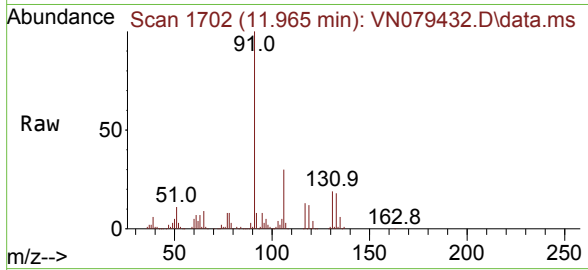
ClientSampleId :

Tgt Ion: 91 Resp: 813735

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 106.529 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079432.D

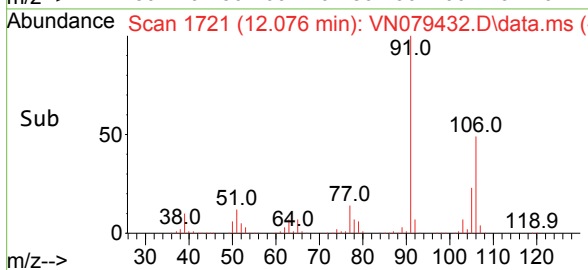
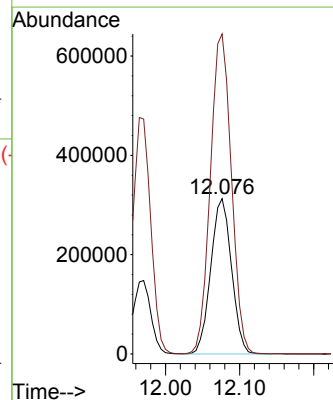
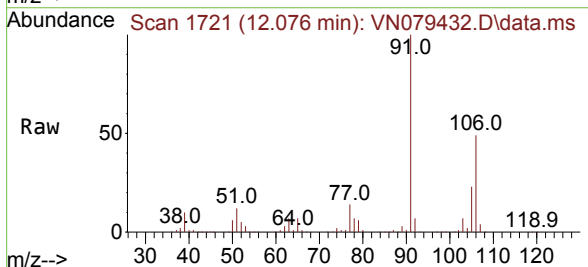
Acq: 05 Oct 2023 20:39

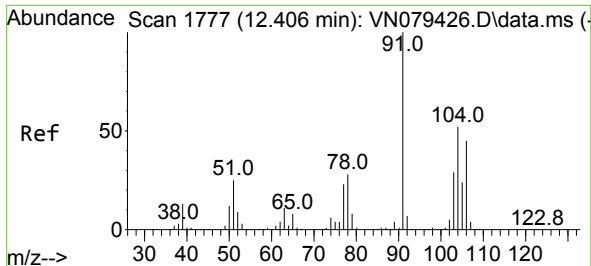
Tgt Ion:106 Resp: 608103

Ion Ratio Lower Upper

106 100

91 208.7 159.6 239.4

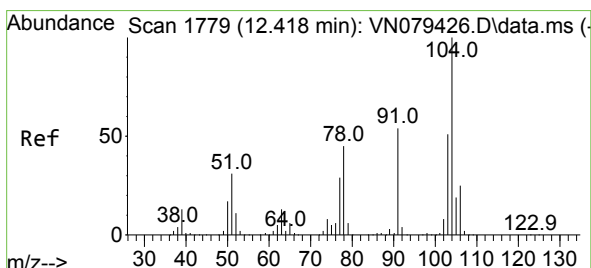
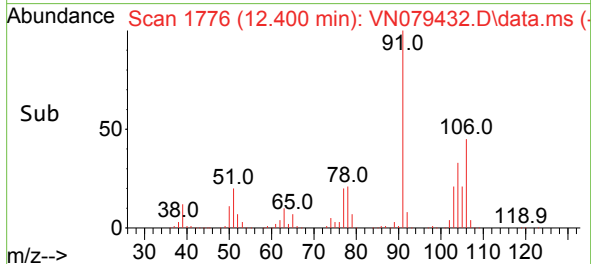
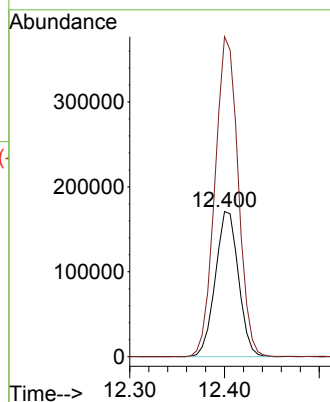
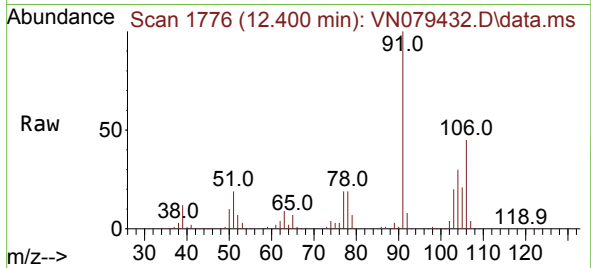




#69
o-Xylene
Concen: 51.754 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

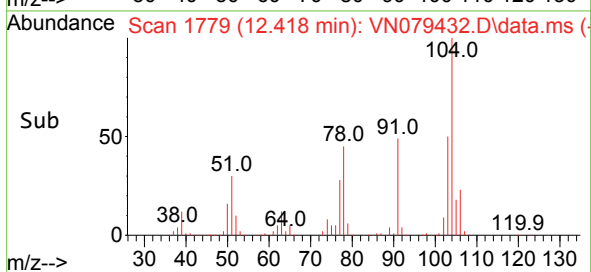
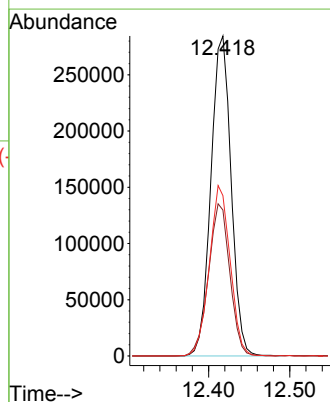
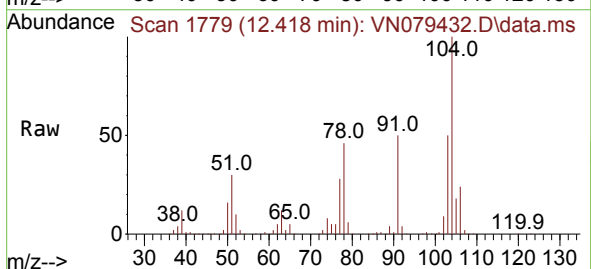
Instrument :
MSVOA_N
ClientSampleId :

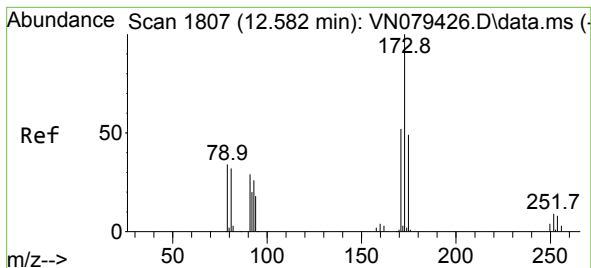
Tgt Ion:106 Resp: 290542
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5



#70
Styrene
Concen: 55.488 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion:104 Resp: 492034
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 47.759 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

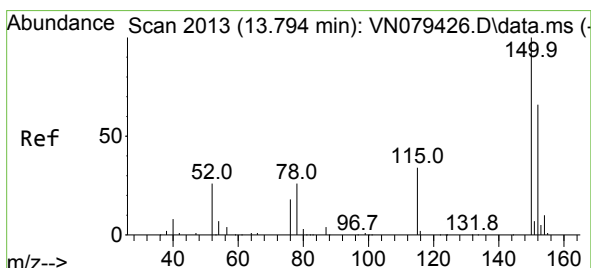
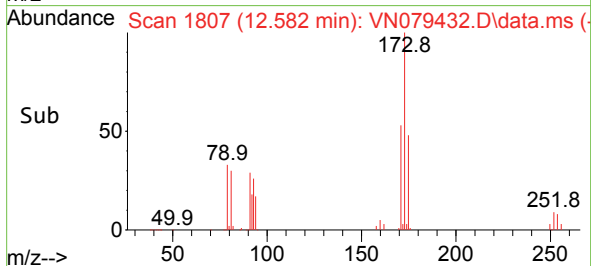
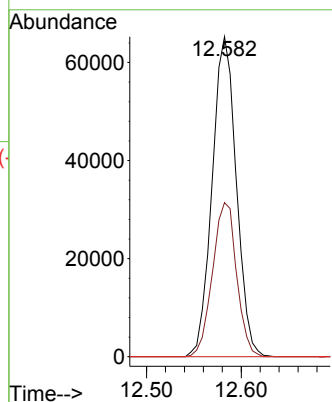
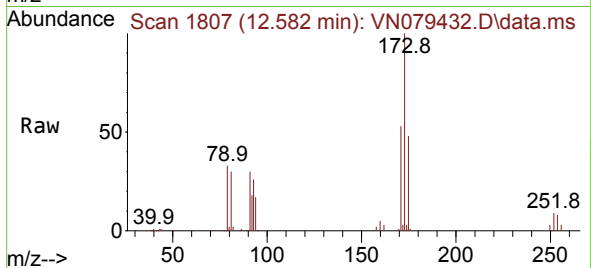
Tgt Ion:173 Resp: 115681

Ion Ratio Lower Upper

173 100

175 48.0 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: VN079432.D

Acq: 05 Oct 2023 20:39

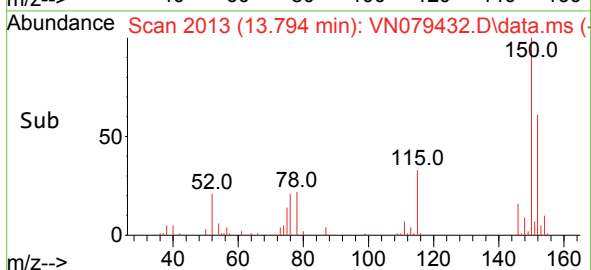
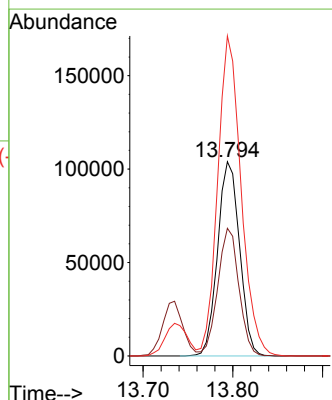
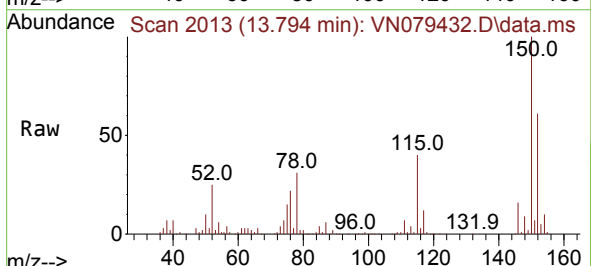
Tgt Ion:152 Resp: 176888

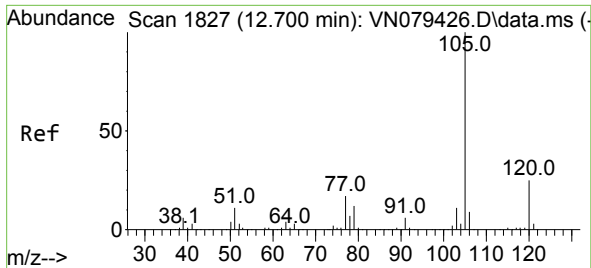
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 175.2 0.0 355.8

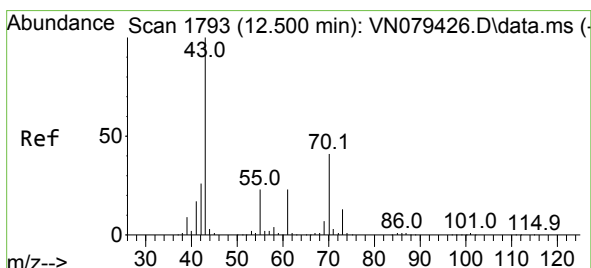
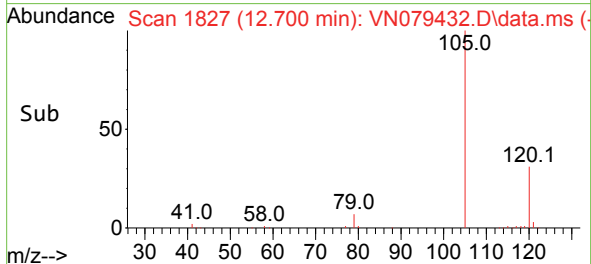
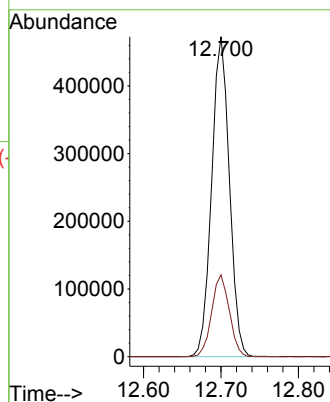
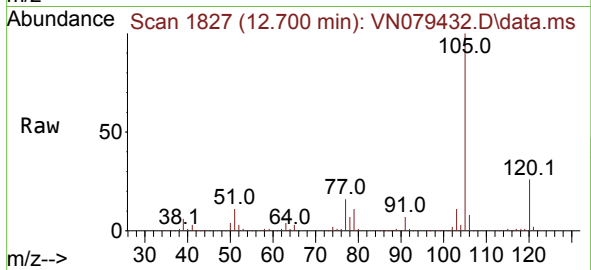




#73
Isopropylbenzene
Concen: 45.688 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

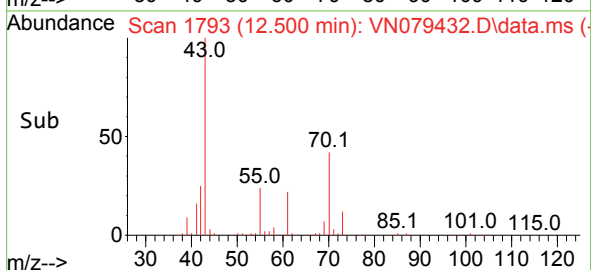
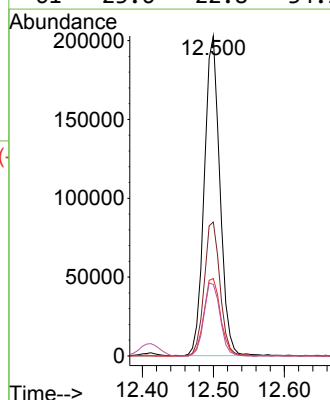
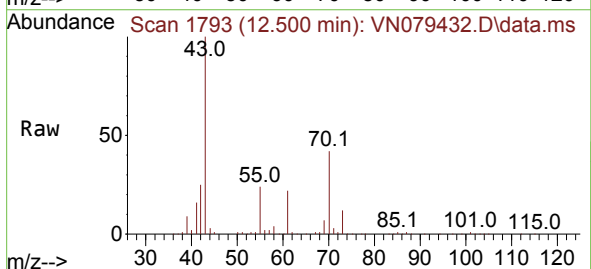
Instrument :
MSVOA_N
ClientSampleId :

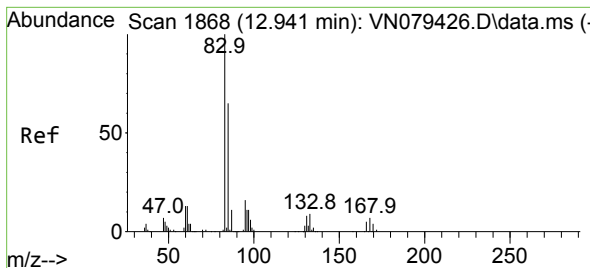
Tgt Ion:105 Resp: 751859
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1



#74
N-ethyl acetate
Concen: 46.039 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 43 Resp: 310597
Ion Ratio Lower Upper
43 100
70 42.5 43.4 65.2#
55 26.0 21.4 32.0
61 23.6 22.8 34.2

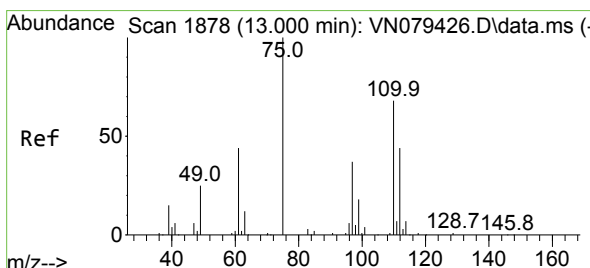
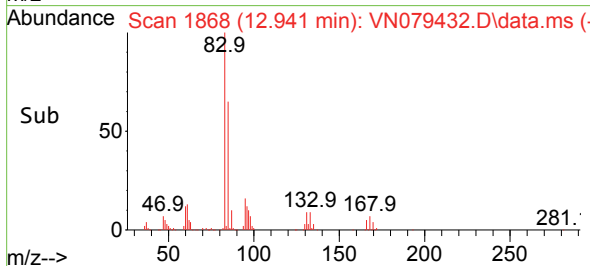
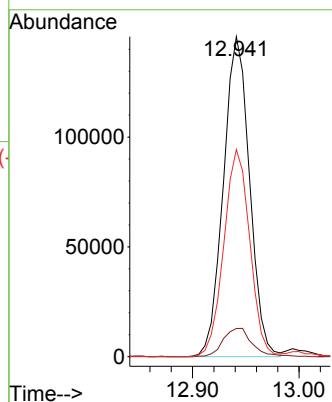
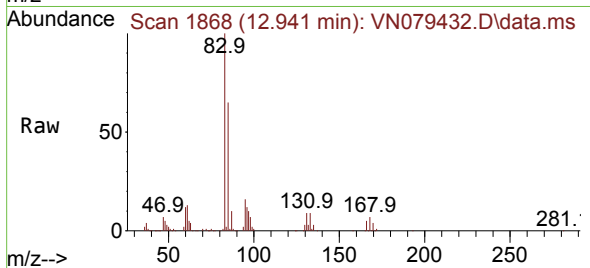




#75
1,1,2,2-Tetrachloroethane
Concen: 46.839 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

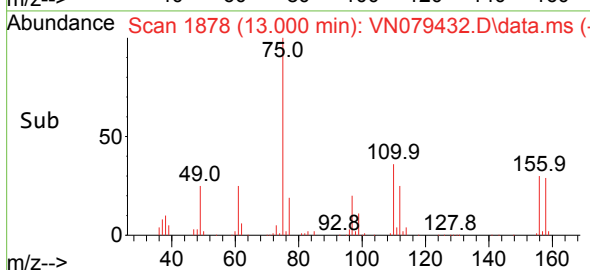
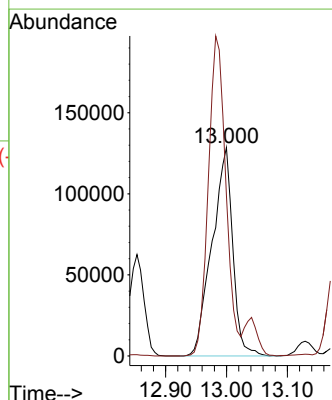
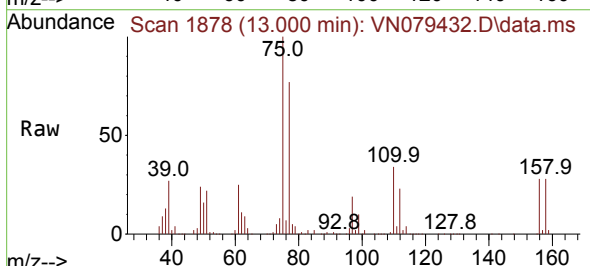
Instrument :
MSVOA_N
ClientSampleId :

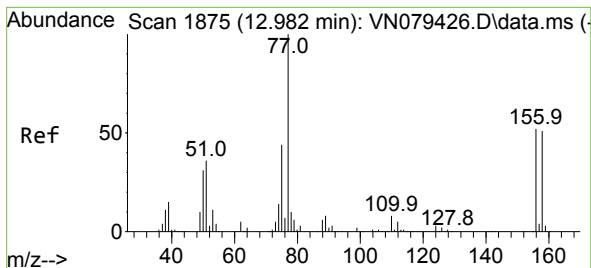
Tgt Ion: 83 Resp: 249200
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 59.481 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 75 Resp: 303365
Ion Ratio Lower Upper
75 100
77 130.1 84.5 253.5





#77

Bromobenzene

Concen: 41.866 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

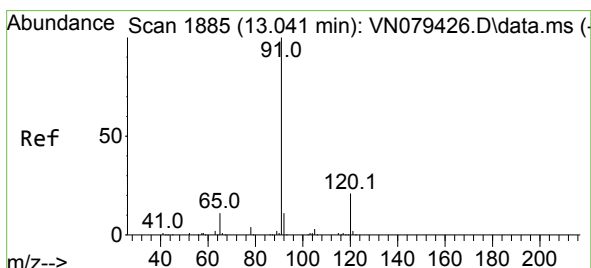
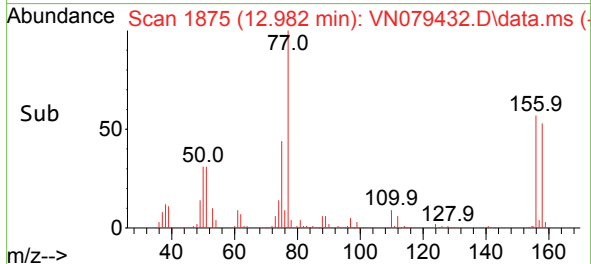
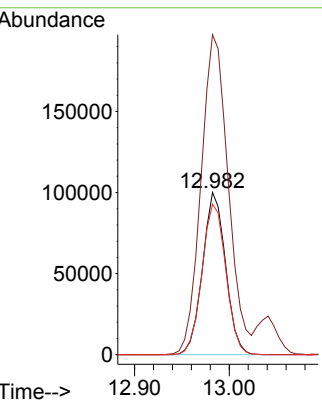
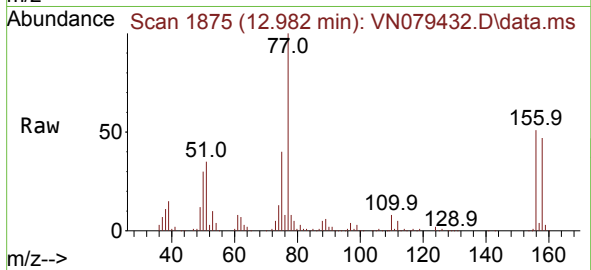
Tgt Ion:156 Resp: 168934

Ion Ratio Lower Upper

156 100

77 233.6 107.7 323.3

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 48.120 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079432.D

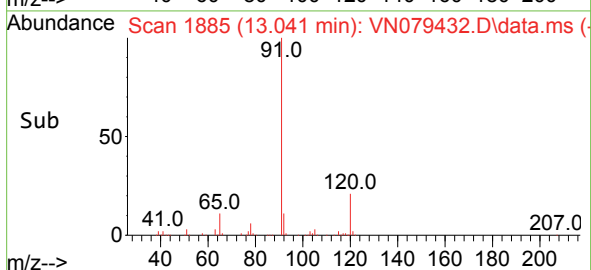
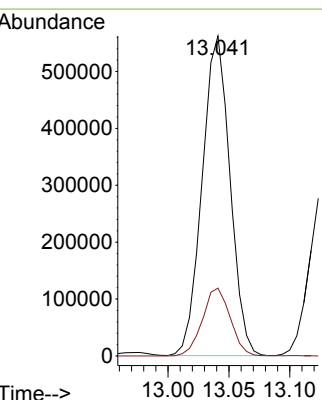
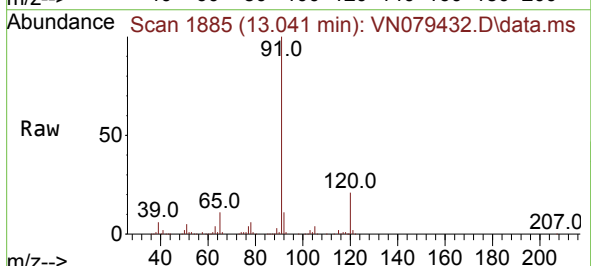
Acq: 05 Oct 2023 20:39

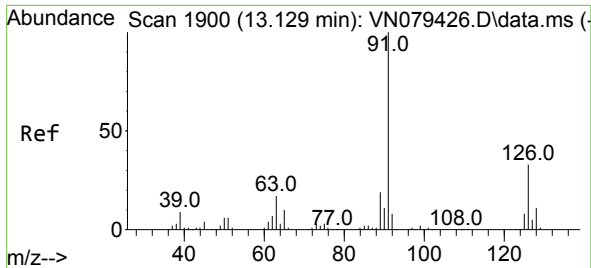
Tgt Ion: 91 Resp: 895932

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4

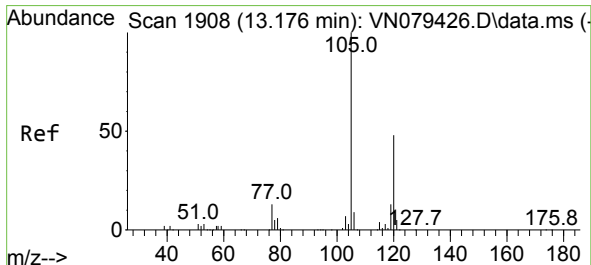
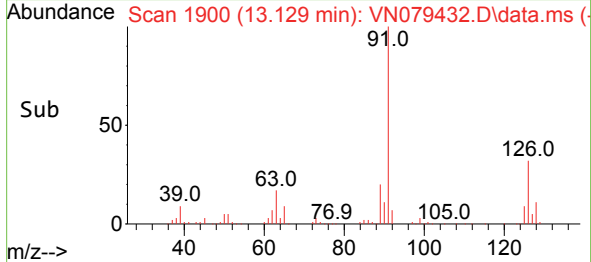
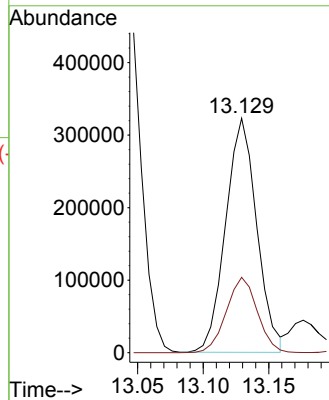
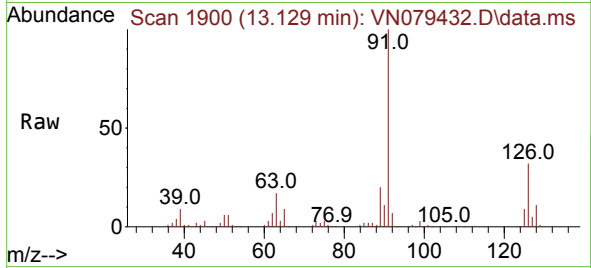




#79
2-Chlorotoluene
Concen: 44.739 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

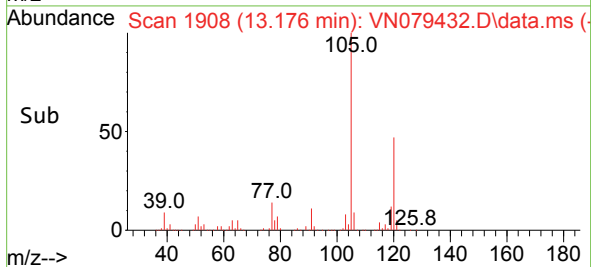
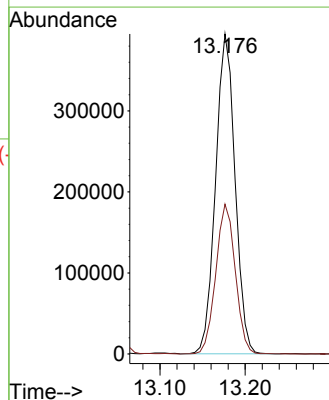
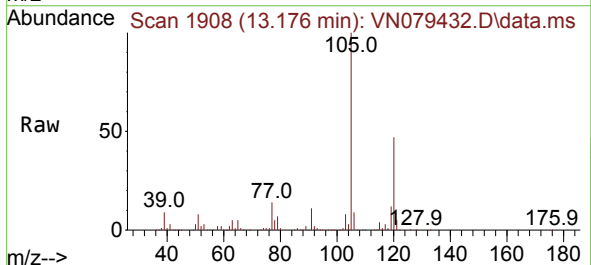
Instrument :
MSVOA_N
ClientSampleId :

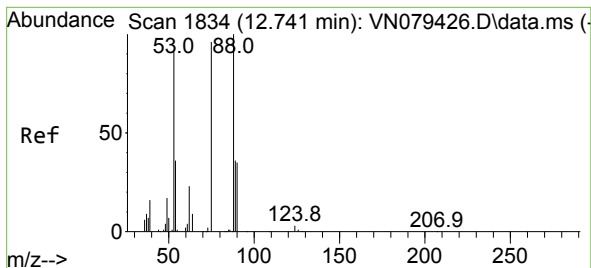
Tgt Ion: 91 Resp: 533029
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.170 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 105 Resp: 625089
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3

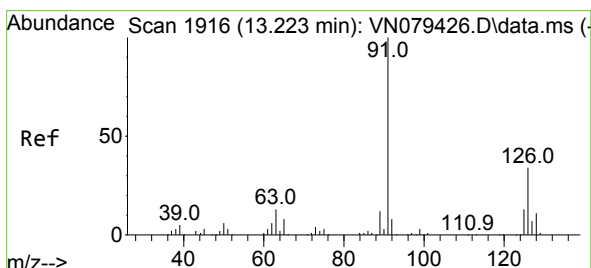
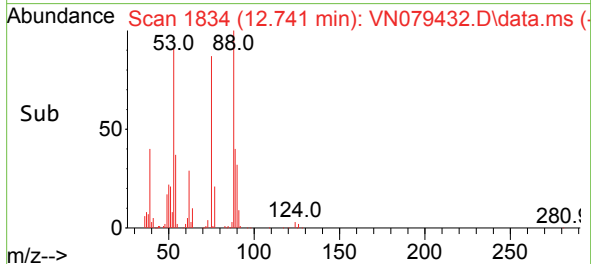
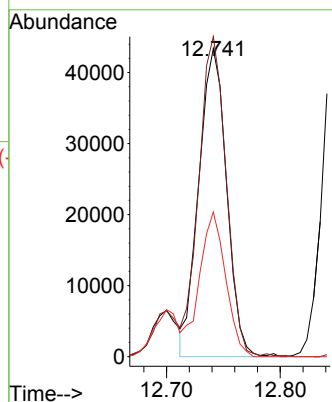
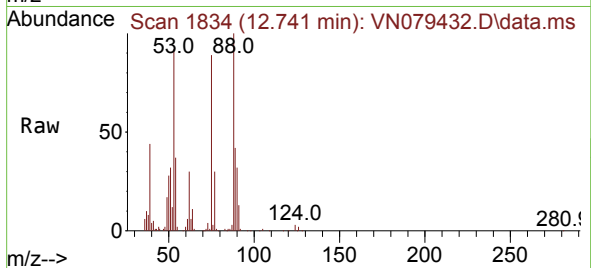




#81
trans-1,4-Dichloro-2-butene
Concen: 41.984 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

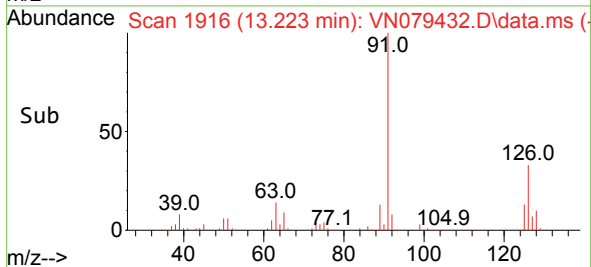
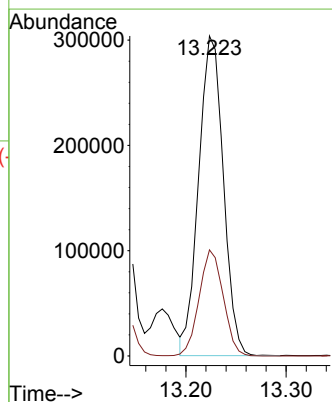
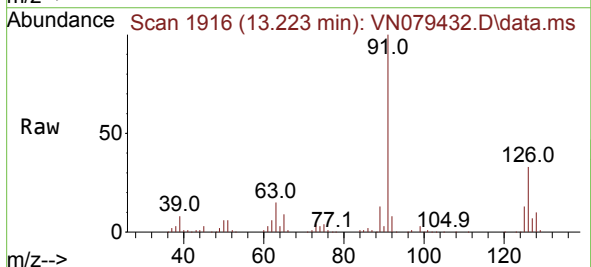
Instrument :
MSVOA_N
ClientSampleId :

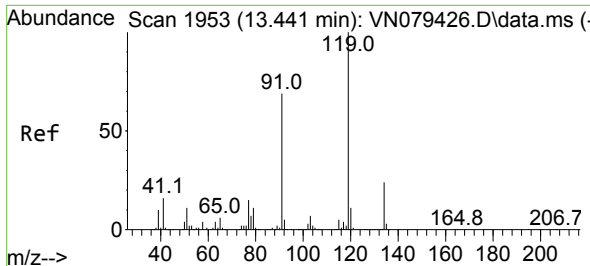
Tgt Ion: 75 Resp: 73797
Ion Ratio Lower Upper
75 100
53 102.5 67.4 101.2#
89 44.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.790 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 91 Resp: 519139
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0

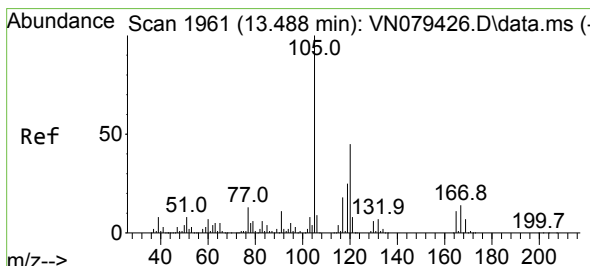
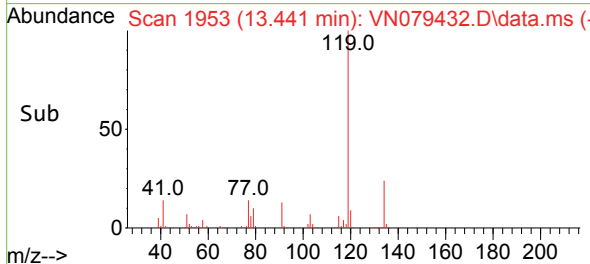
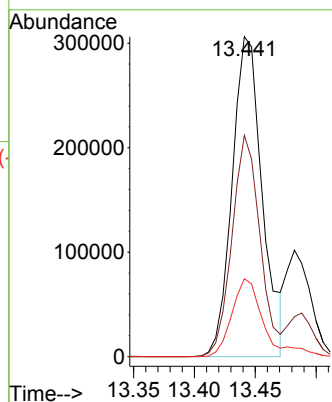
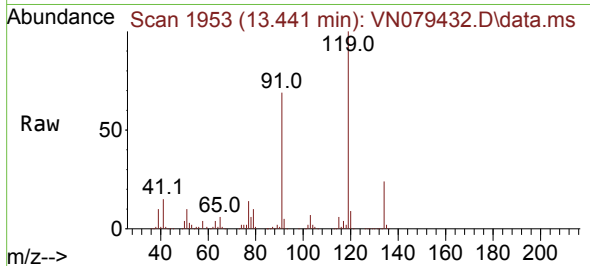




#83
tert-Butylbenzene
Concen: 49.630 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

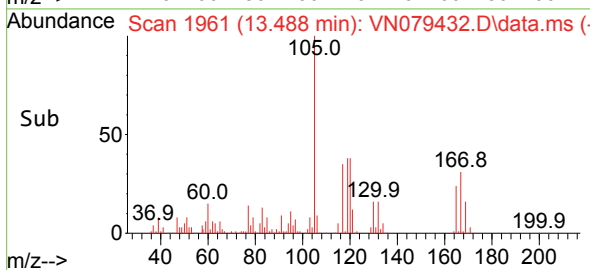
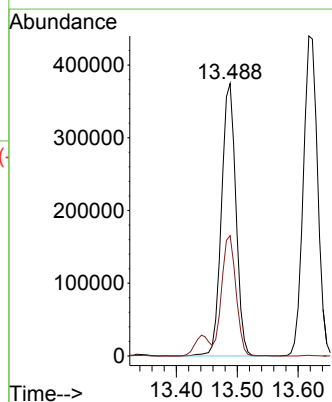
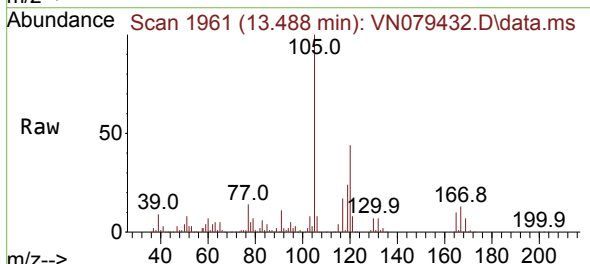
Instrument :
MSVOA_N
ClientSampleId :

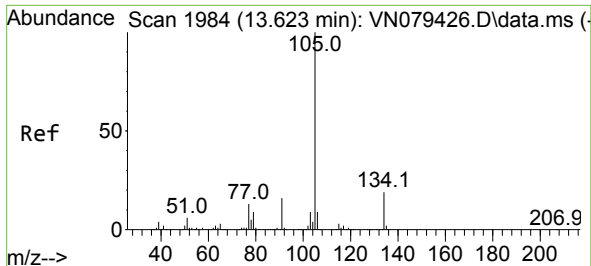
Tgt Ion:119 Resp: 527660
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 25.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.804 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

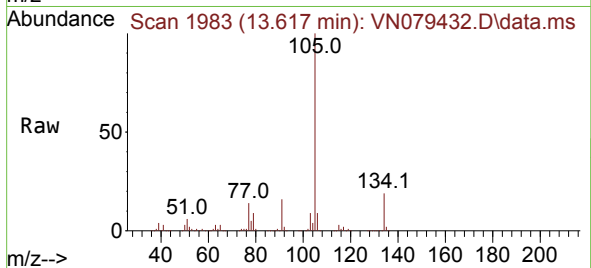
Tgt Ion:105 Resp: 616772
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0



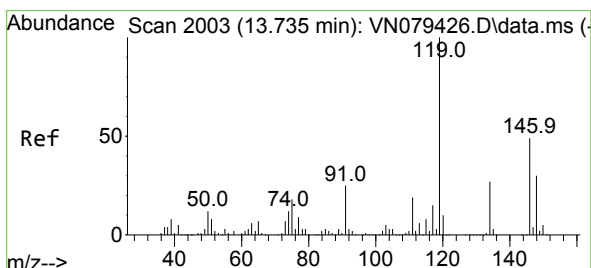
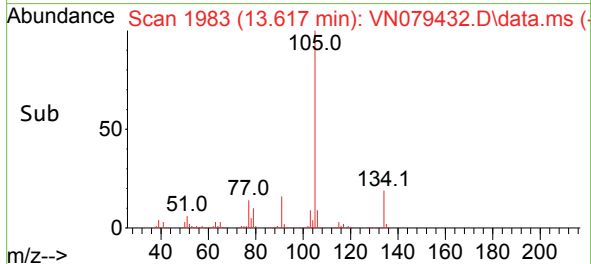
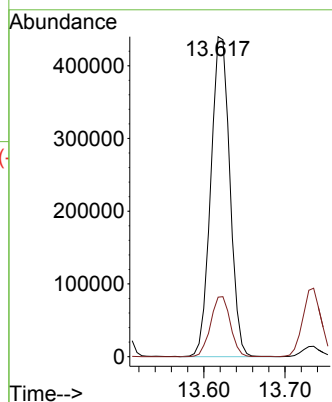


#85
 sec-Butylbenzene
 Concen: 48.369 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Instrument :
 MSVOA_N
 ClientSampleId :

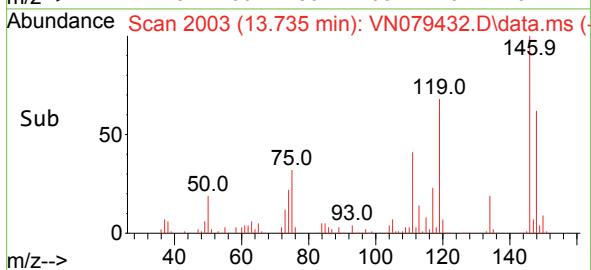
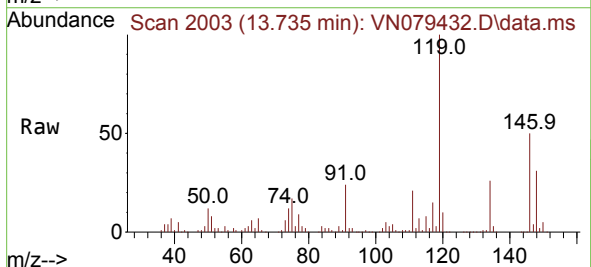
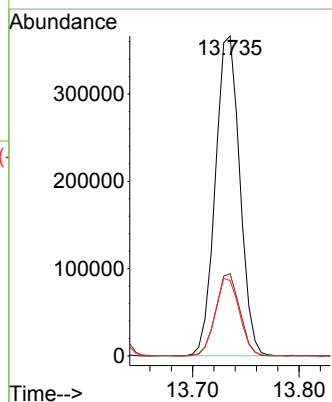


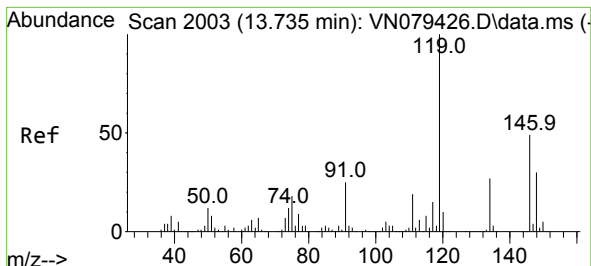
Tgt Ion:105 Resp: 717294
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.253 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Tgt Ion:119 Resp: 583084
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.354 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

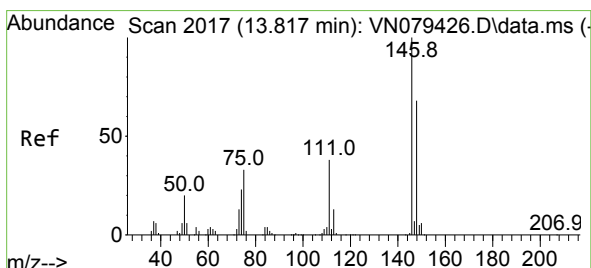
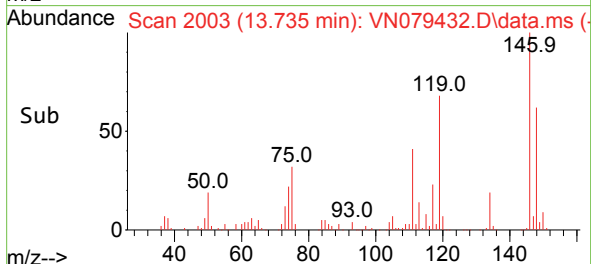
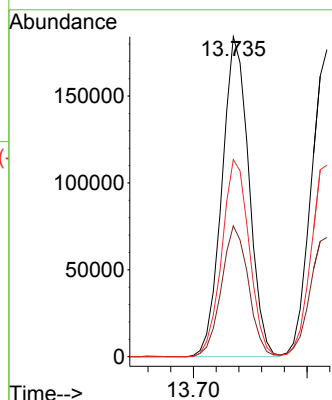
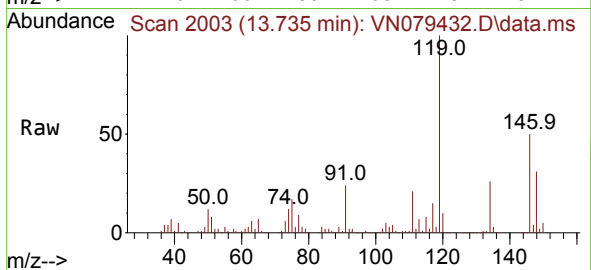
Tgt Ion:146 Resp: 303060

Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.3

148 62.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 44.673 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

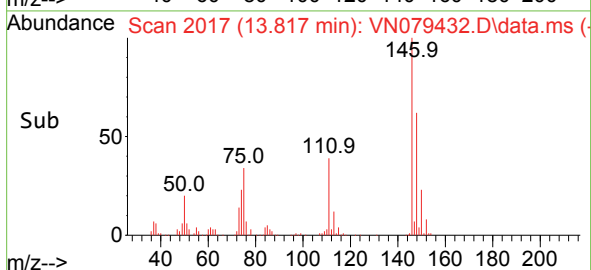
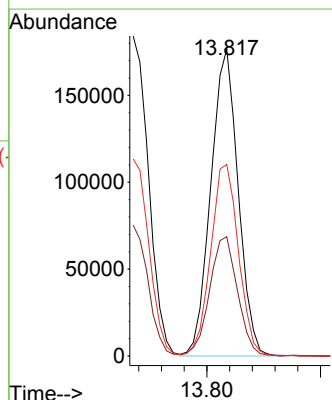
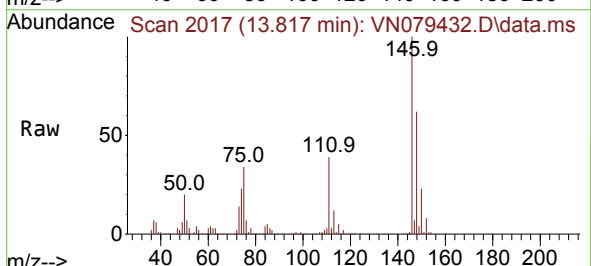
Tgt Ion:146 Resp: 295209

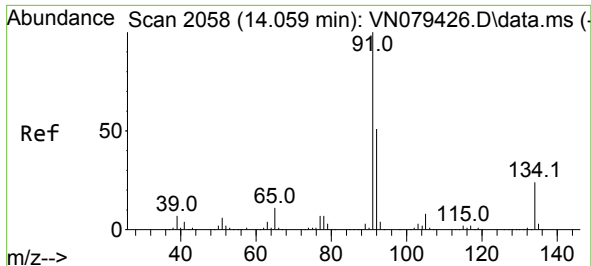
Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

148 63.2 31.6 94.8

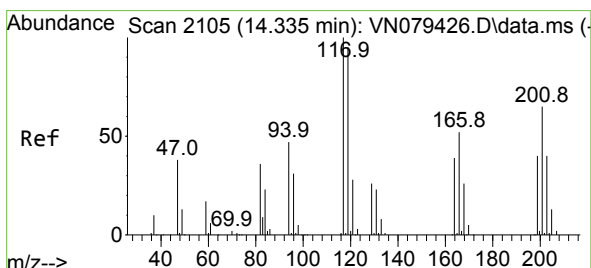
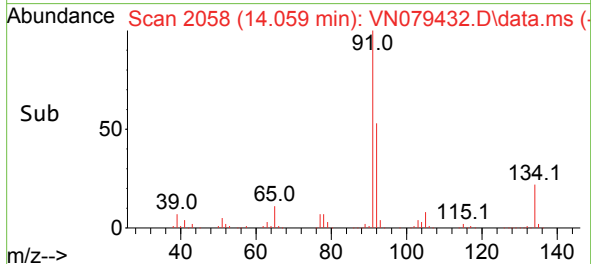
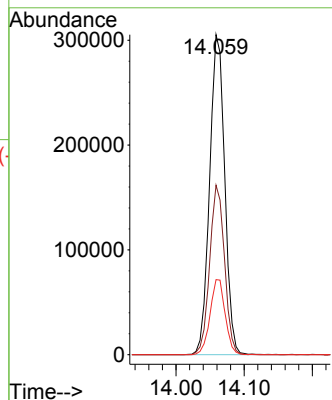
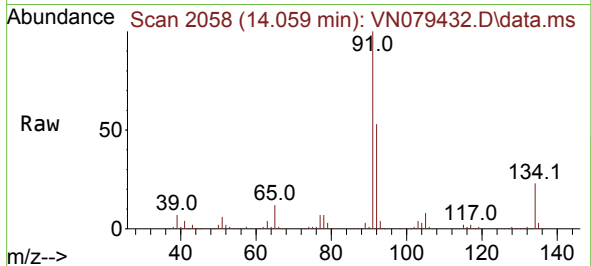




#89
n-Butylbenzene
Concen: 51.877 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

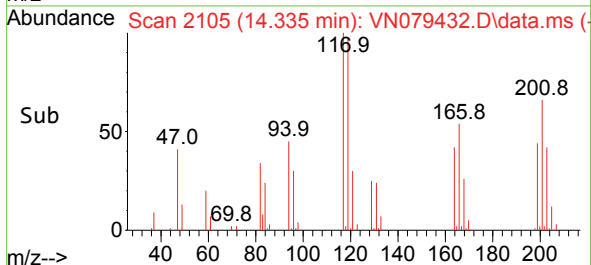
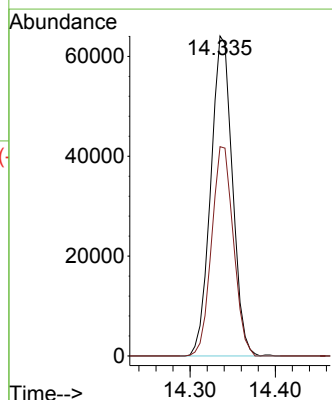
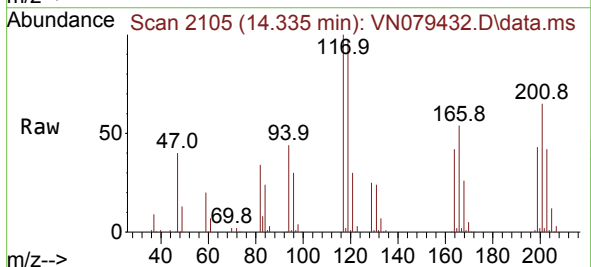
Instrument :
MSVOA_N
ClientSampleId :

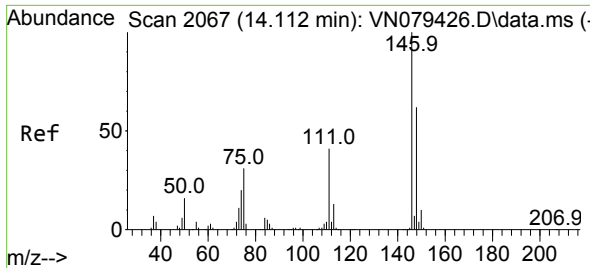
Tgt Ion: 91 Resp: 471294
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 23.5 12.6 37.6



#90
Hexachloroethane
Concen: 48.938 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

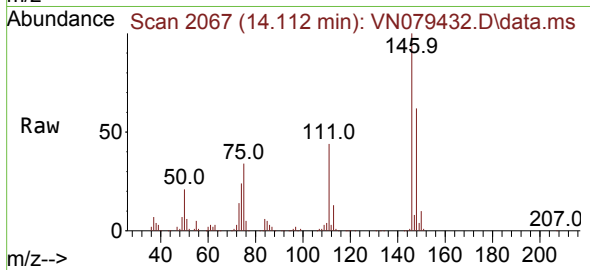
Tgt Ion: 117 Resp: 113081
Ion Ratio Lower Upper
117 100
201 65.8 29.3 88.0



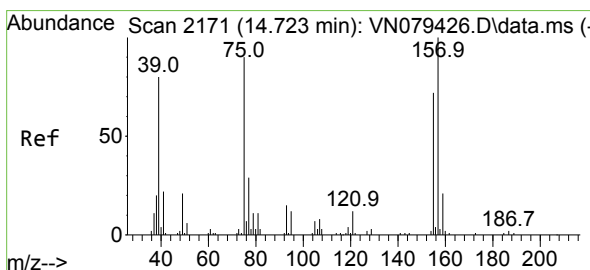
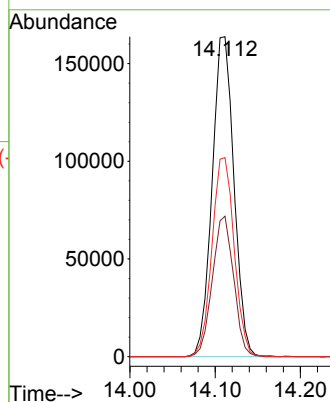
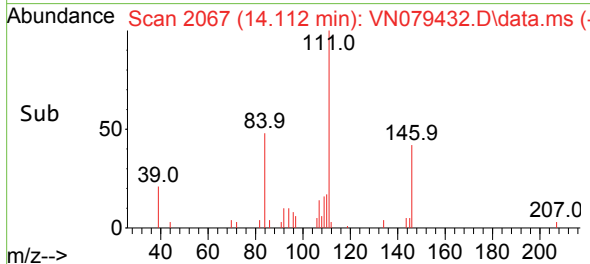


#91
 1,2-Dichlorobenzene
 Concen: 46.701 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

Instrument :
 MSVOA_N
 ClientSampleId :

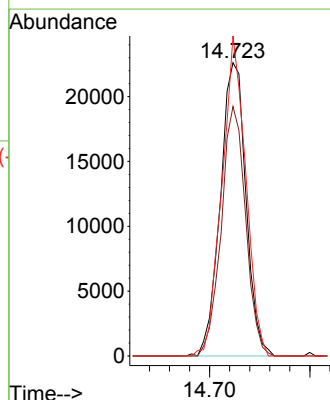
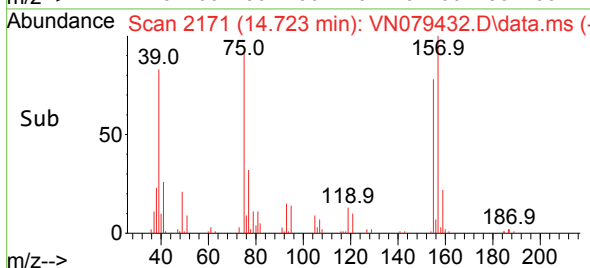
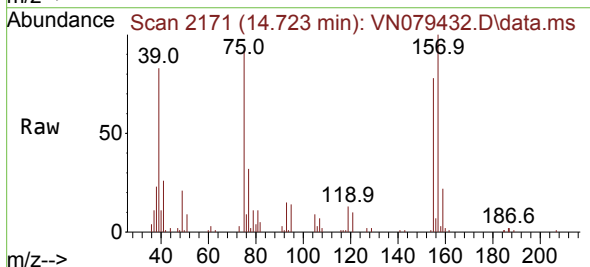


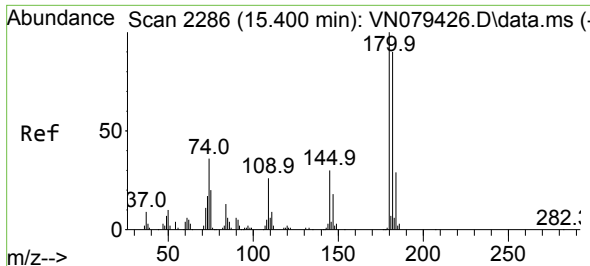
Tgt Ion:146 Resp: 291539
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.0 66.0
 148 63.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.044 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079432.D
 Acq: 05 Oct 2023 20:39

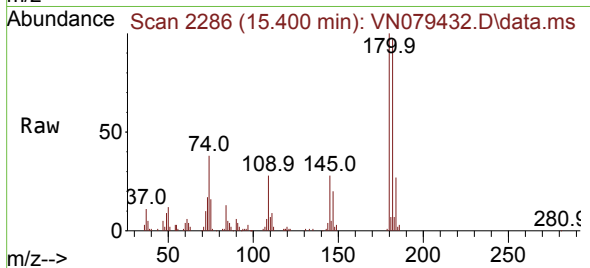
Tgt Ion: 75 Resp: 40008
 Ion Ratio Lower Upper
 75 100
 155 80.9 39.1 117.2
 157 101.5 50.3 150.9



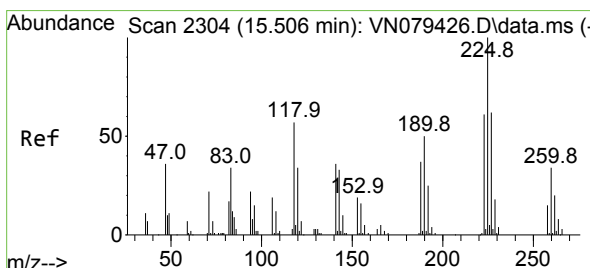
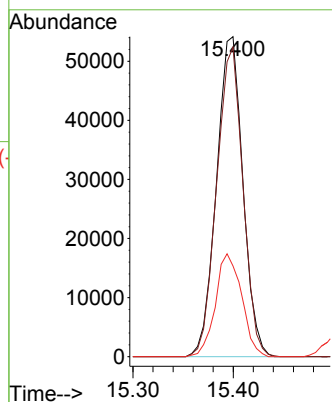
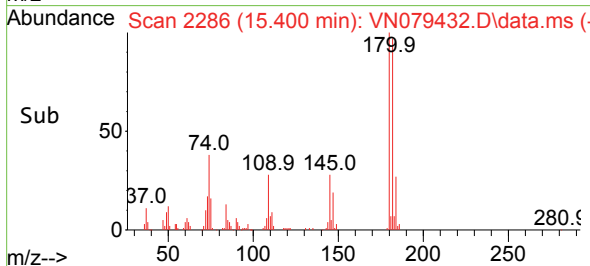


#93
1,2,4-Trichlorobenzene
Concen: 51.257 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39

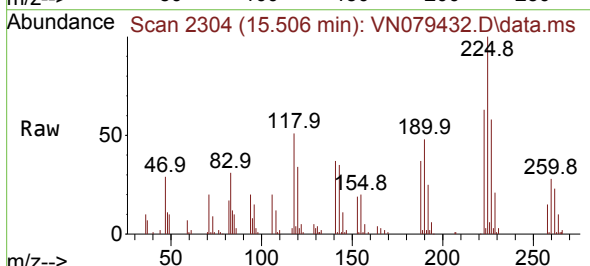
Instrument :
MSVOA_N
ClientSampleId :



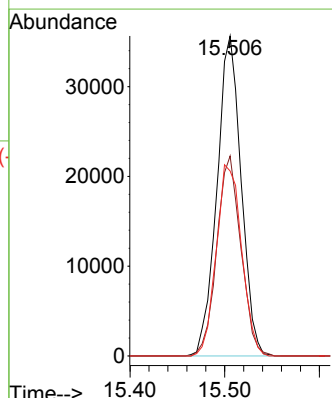
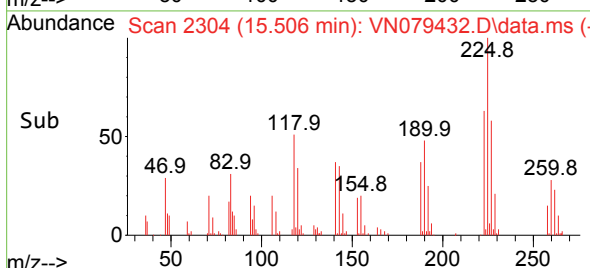
Tgt Ion:180 Resp: 99103
Ion Ratio Lower Upper
180 100
182 95.9 46.1 138.2
145 31.9 16.6 49.8

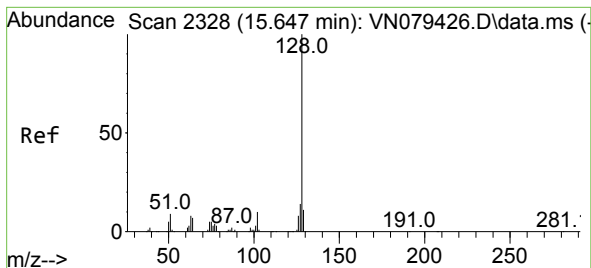


#94
Hexachlorobutadiene
Concen: 42.019 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079432.D
Acq: 05 Oct 2023 20:39



Tgt Ion:225 Resp: 63274
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 62.6 31.9 95.9





#95

Naphthalene

Concen: 46.412 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

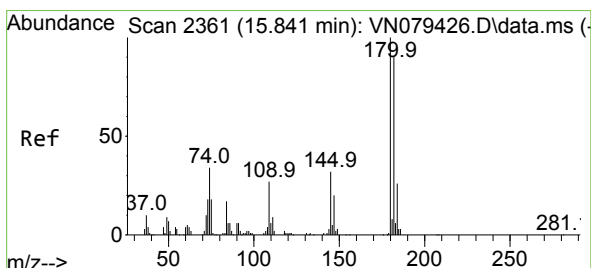
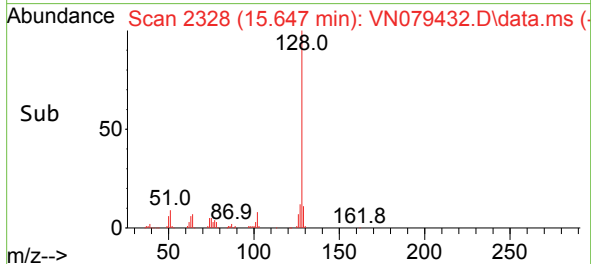
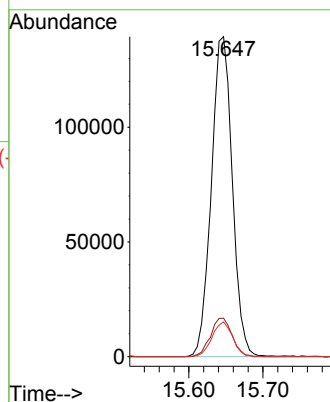
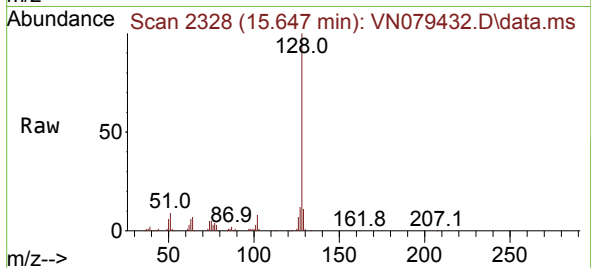
Tgt Ion:128 Resp: 274020

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.173 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079432.D

Acq: 05 Oct 2023 20:39

Tgt Ion:180 Resp: 104226

Ion Ratio Lower Upper

180 100

182 95.1 46.2 138.6

145 34.5 17.5 52.6

