

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079401.D
 Acq On : 04 Oct 2023 14:11
 Operator : JC\MD
 Sample : VN1004WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 05 02:20:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	156792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121675	57.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.980%	
35) Dibromofluoromethane	8.171	113	96176	52.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.600%	
50) Toluene-d8	10.571	98	333039	49.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.853	95	108996	50.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	27430	17.681	ug/l	96
3) Chloromethane	2.365	50	37122	18.228	ug/l	98
4) Vinyl Chloride	2.518	62	42732	19.257	ug/l	95
5) Bromomethane	2.948	94	26798	21.010	ug/l	98
6) Chloroethane	3.118	64	30500	20.923	ug/l	100
7) Trichlorofluoromethane	3.495	101	56690	17.446	ug/l	92
8) Diethyl Ether	3.965	74	22719	20.144	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.365	101	33100	19.154	ug/l	99
10) Methyl Iodide	4.589	142	32647	23.095	ug/l	97
11) Tert butyl alcohol	5.524	59	34860	89.211	ug/l #	89
12) 1,1-Dichloroethene	4.336	96	28546	17.070	ug/l	84
13) Acrolein	4.183	56	39394	105.687	ug/l	100
14) Allyl chloride	5.024	41	48318	18.113	ug/l #	90
15) Acrylonitrile	5.724	53	105408	104.032	ug/l	97
16) Acetone	4.436	43	103992	115.687	ug/l	94
17) Carbon Disulfide	4.706	76	66483	12.720	ug/l	97
18) Methyl Acetate	5.030	43	87707	23.740	ug/l #	83
19) Methyl tert-butyl Ether	5.795	73	116068	20.238	ug/l	97
20) Methylene Chloride	5.277	84	42336	19.354	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	34750	17.913	ug/l	89
22) Diisopropyl ether	6.671	45	132964	22.717	ug/l #	87
23) Vinyl Acetate	6.612	43	371185	103.103	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	75311	20.872	ug/l	97
25) 2-Butanone	7.489	43	145865	111.838	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	59720	20.169	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	42671	19.237	ug/l	85
28) Bromochloromethane	7.818	49	32687	20.036	ug/l #	74
29) Tetrahydrofuran	7.847	42	91393	110.113	ug/l #	75
30) Chloroform	7.971	83	80132	21.330	ug/l	99
31) Cyclohexane	8.259	56	52988	17.146	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	65763	20.536	ug/l	96
36) 1,1-Dichloropropene	8.377	75	50709	17.889	ug/l	95
37) Ethyl Acetate	7.571	43	58203	20.585	ug/l #	91
38) Carbon Tetrachloride	8.371	117	54742	18.661	ug/l	100
39) Methylcyclohexane	9.606	83	43939	15.714	ug/l #	86
40) Benzene	8.612	78	163690	18.863	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	30810	21.612	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	62934	21.066	ug/l	98
43) Isopropyl Acetate	8.694	43	97293	21.089	ug/l #	89
44) Trichloroethene	9.359	130	37819	17.692	ug/l	98
45) 1,2-Dichloropropane	9.630	63	47143	21.890	ug/l	99
46) Dibromomethane	9.718	93	30092	20.583	ug/l	95
47) Bromodichloromethane	9.894	83	63243	21.120	ug/l #	94
48) Methyl methacrylate	9.683	41	43449	21.026	ug/l #	79
49) 1,4-Dioxane	9.700	88	16212	381.431	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	301831	112.705	ug/l	87
52) Toluene	10.635	92	102179	19.160	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59562	18.864	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	66631	19.730	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	43598	20.835	ug/l	94
56) Ethyl methacrylate	10.882	69	56540	19.141	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	73599	20.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	108321	93.679	ug/l #	88
59) 2-Hexanone	11.200	43	214105	110.381	ug/l	86
60) Dibromochloromethane	11.365	129	44543	20.001	ug/l	97
61) 1,2-Dibromoethane	11.471	107	40645	19.463	ug/l	97
64) Tetrachloroethene	11.106	164	31255	17.110	ug/l	94
65) Chlorobenzene	11.894	112	103574	18.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	40405	18.987	ug/l	99
67) Ethyl Benzene	11.971	91	177934	18.330	ug/l	98
68) m/p-Xylenes	12.077	106	133183	36.809	ug/l	92
69) o-Xylene	12.406	106	65653	18.920	ug/l	96
70) Styrene	12.418	104	107817	19.319	ug/l	98
71) Bromoform	12.582	173	29326	18.667	ug/l #	100
73) Isopropylbenzene	12.700	105	163710	17.396	ug/l	100
74) N-amyl acetate	12.500	43	68011	19.049	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	65775	18.770	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	75219	26.983	ug/l	66
77) Bromobenzene	12.982	156	40195	16.868	ug/l	93
78) n-propylbenzene	13.041	91	199014	18.826	ug/l	97
79) 2-Chlorotoluene	13.129	91	121862	17.625	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	142613	18.187	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17257	17.019	ug/l #	85
82) 4-Chlorotoluene	13.229	91	115176	17.728	ug/l	99
83) tert-Butylbenzene	13.441	119	111117	17.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	141555	18.956	ug/l	99
85) sec-Butylbenzene	13.623	105	162427	18.188	ug/l	98
86) p-Isopropyltoluene	13.735	119	122999	17.240	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	68050	17.412	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	66944	16.951	ug/l	98
89) n-Butylbenzene	14.059	91	97236	17.331	ug/l	96
90) Hexachloroethane	14.335	117	26819	18.510	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	67185	17.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10141	19.037	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	19018	13.717	ug/l	95
94) Hexachlorobutadiene	15.506	225	17916	16.426	ug/l	98
95) Naphthalene	15.647	128	46882	11.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	22268	13.615	ug/l	99

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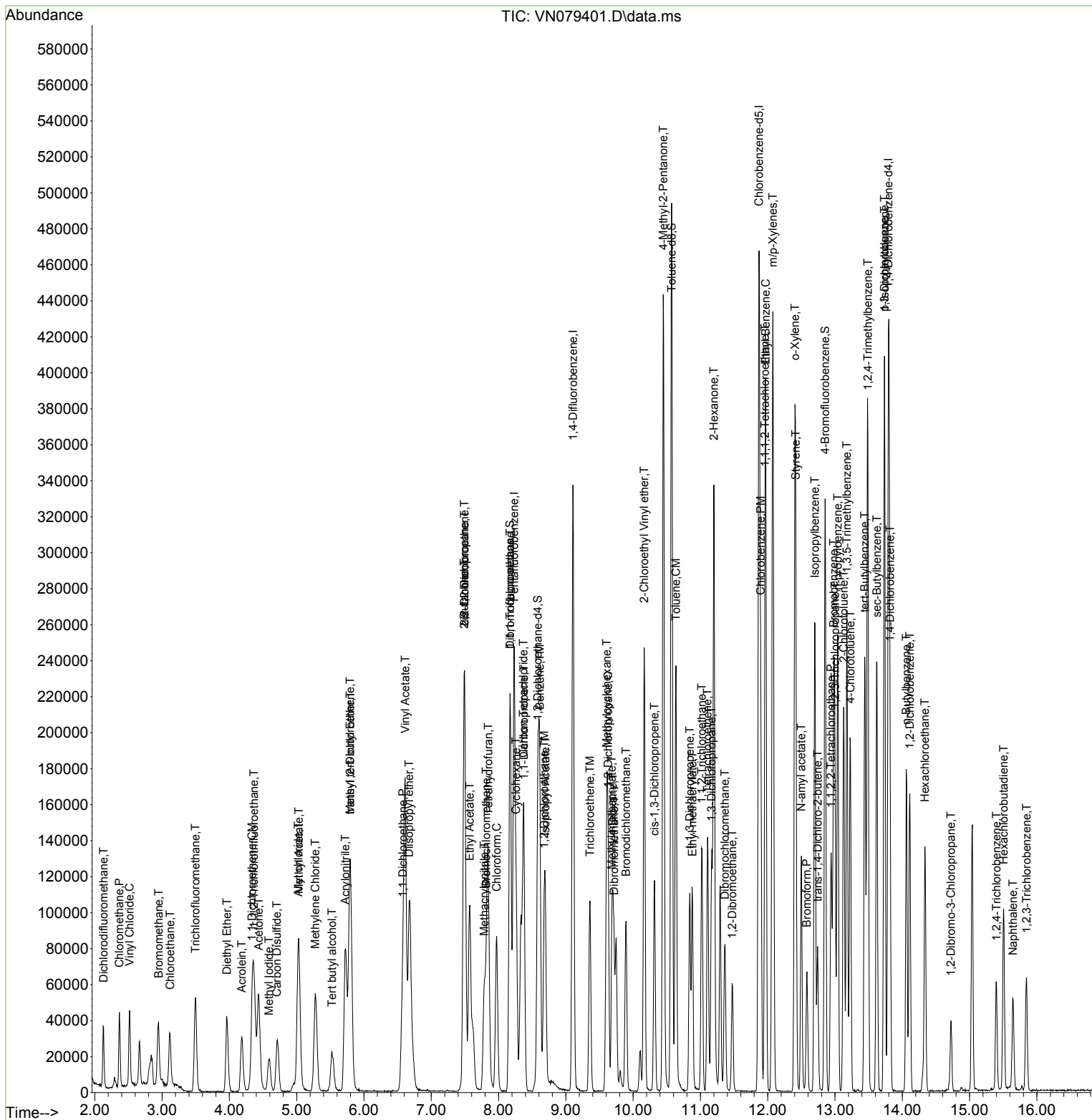
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MSVOA_N
ClientSampleId :

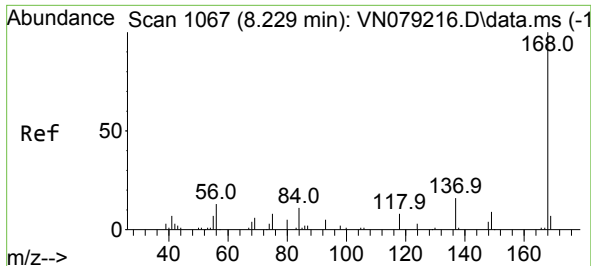
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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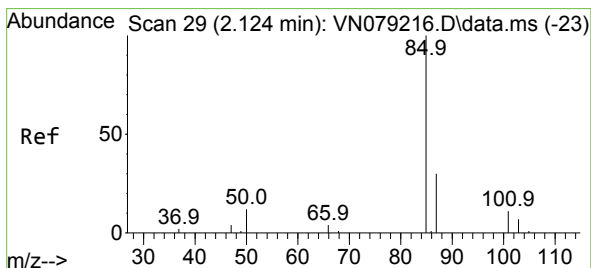
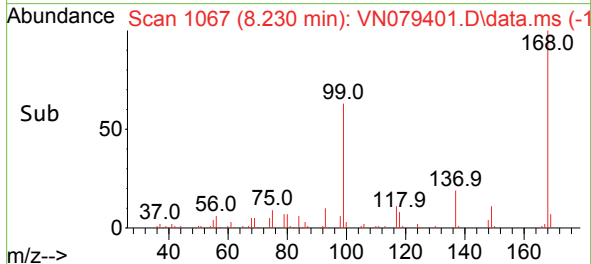
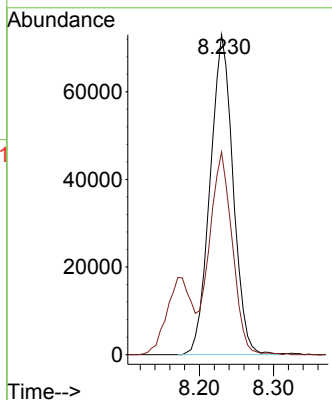
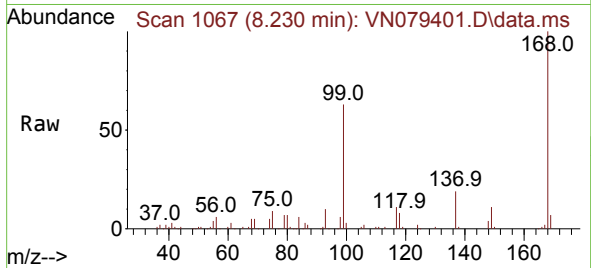




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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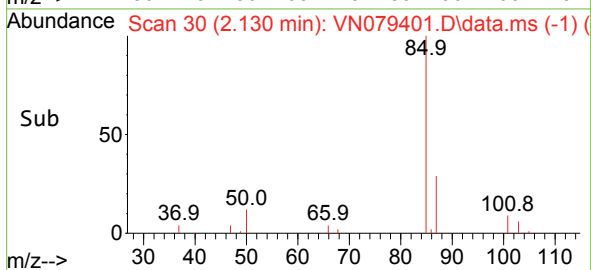
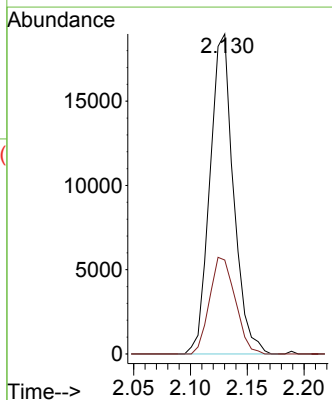
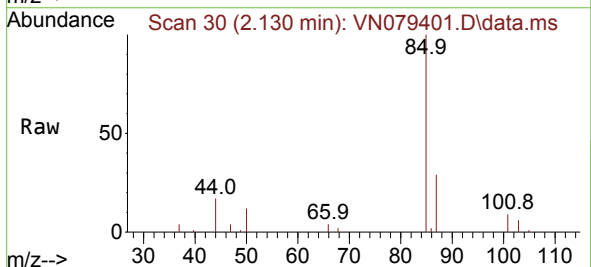
Instrument :
MSVOA_N
ClientSampleId :

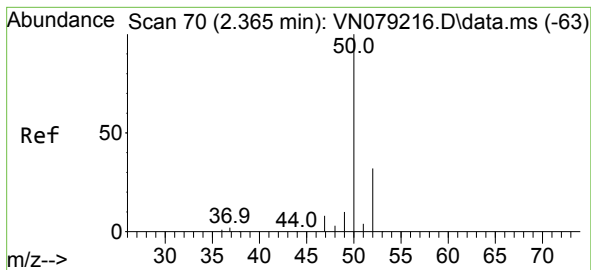
Tgt Ion:168 Resp: 156792
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.681 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 85 Resp: 27430
Ion Ratio Lower Upper
85 100
87 29.3 15.8 47.4





#3

Chloromethane

Concen: 18.228 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

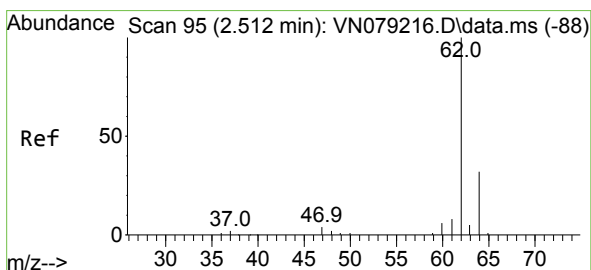
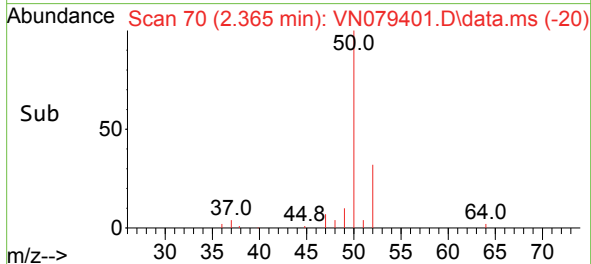
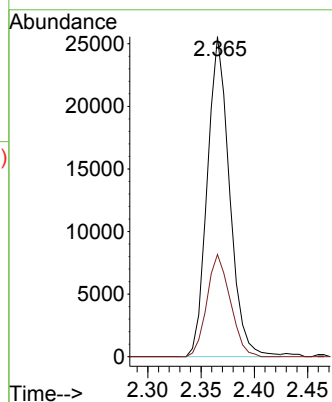
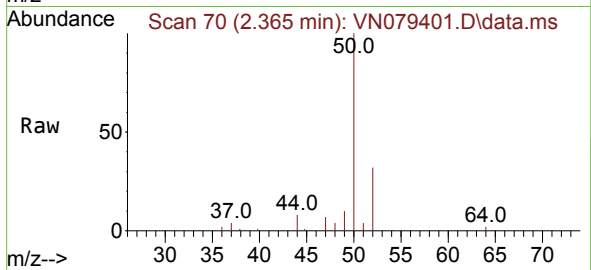
ClientSampleId :

Tgt Ion: 50 Resp: 37122

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7



#4

Vinyl Chloride

Concen: 19.257 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079401.D

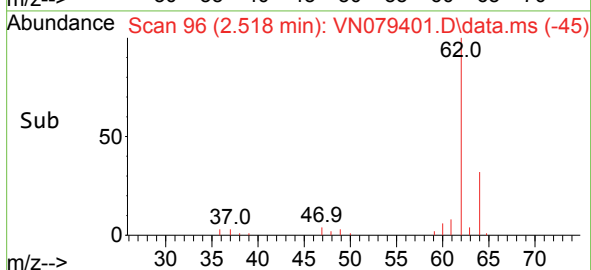
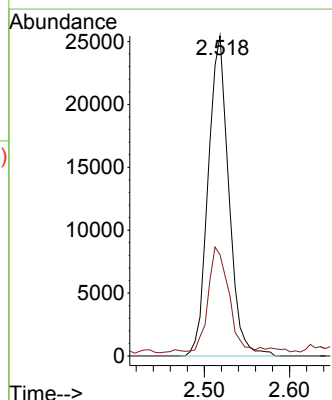
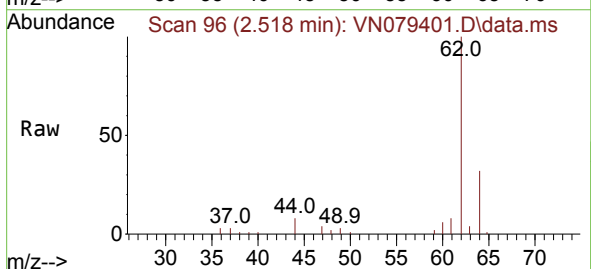
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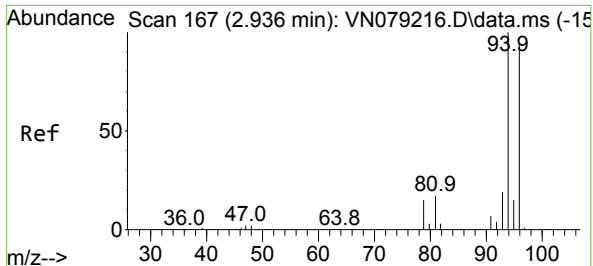
Tgt Ion: 62 Resp: 42732

Ion Ratio Lower Upper

62 100

64 30.0 26.2 39.2

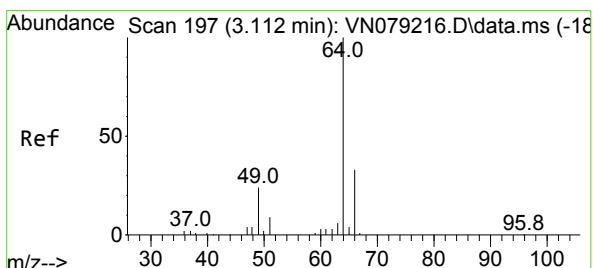
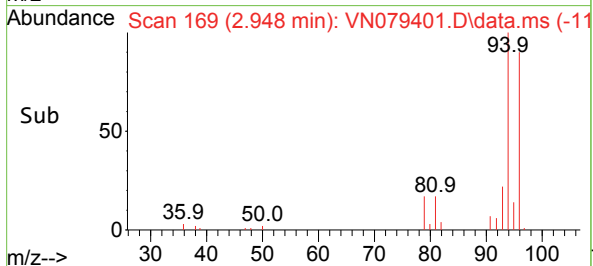
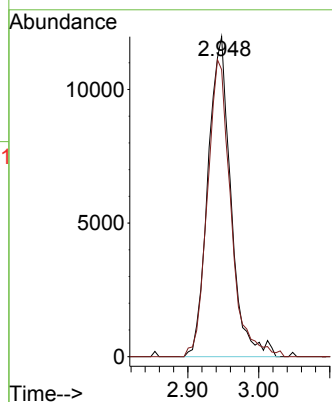
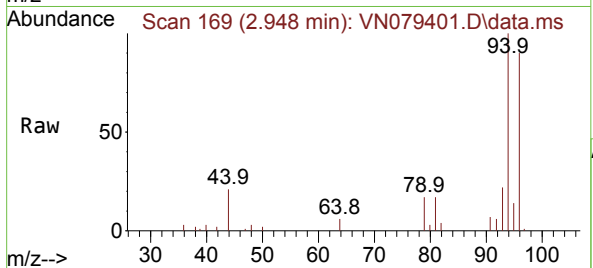




#5
Bromomethane
Concen: 21.010 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

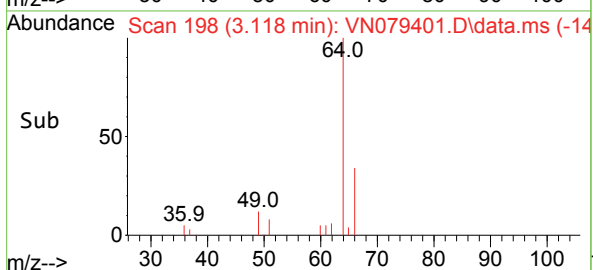
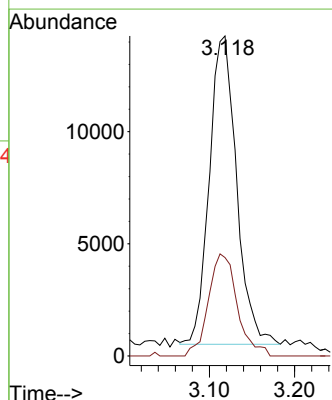
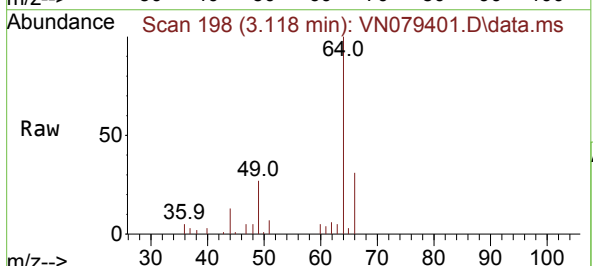
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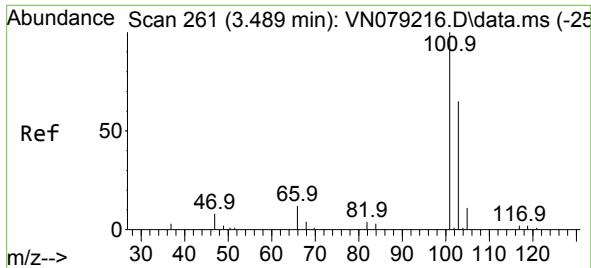
Tgt Ion: 94 Resp: 26798
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7



#6
Chloroethane
Concen: 20.923 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 64 Resp: 30500
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

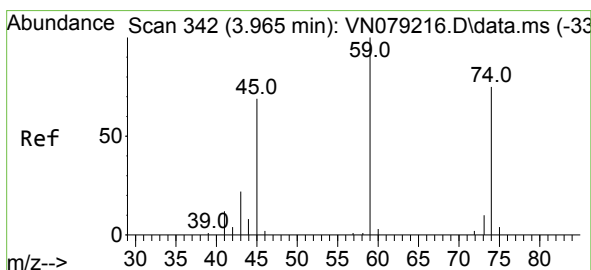
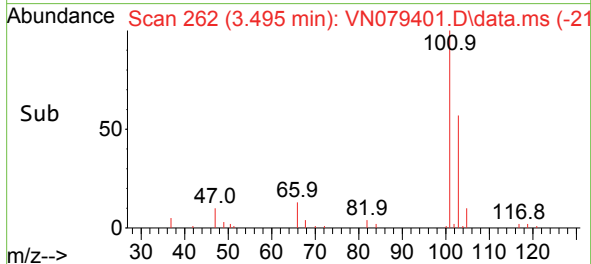
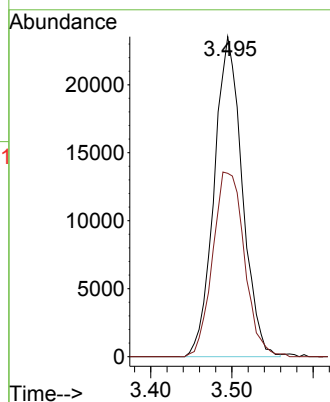
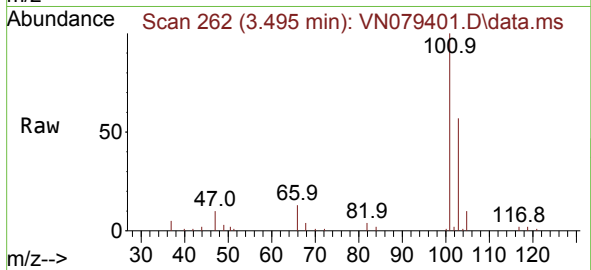




#7
 Trichlorofluoromethane
 Concen: 17.446 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

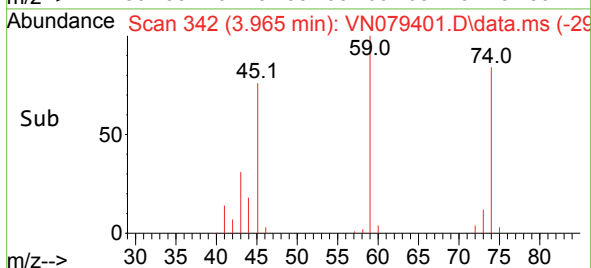
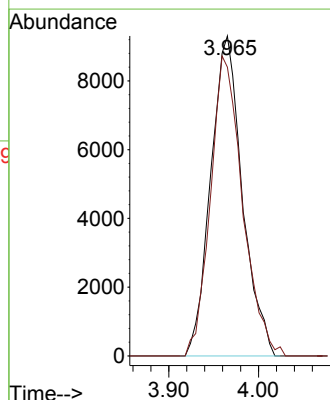
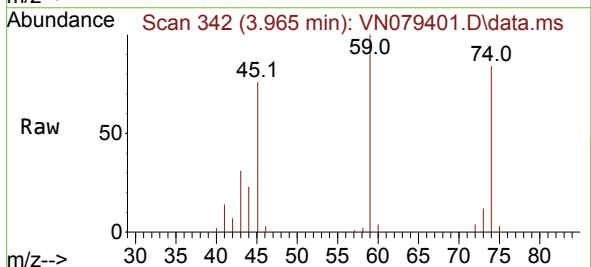
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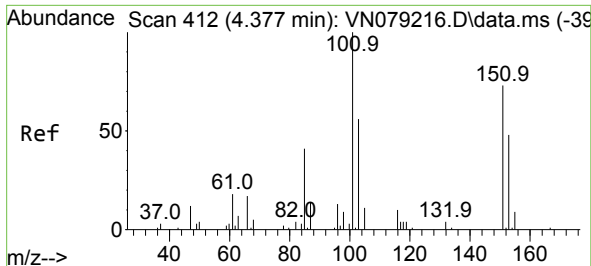
Tgt Ion:101 Resp: 56690
 Ion Ratio Lower Upper
 101 100
 103 57.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.144 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Tgt Ion: 74 Resp: 22719
 Ion Ratio Lower Upper
 74 100
 45 95.0 34.4 103.3

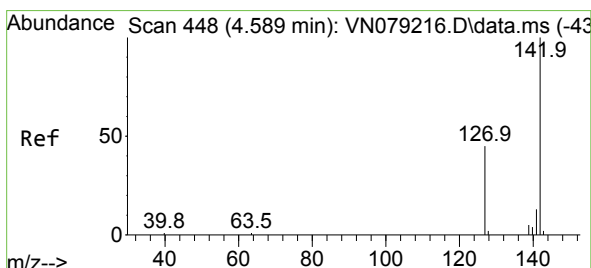
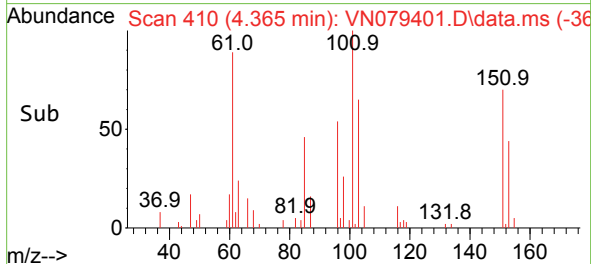
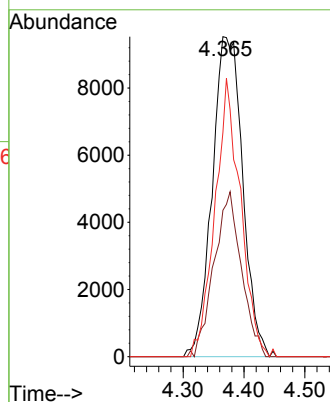
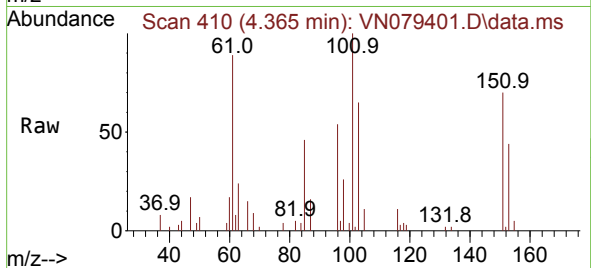




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.154 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN079401.D
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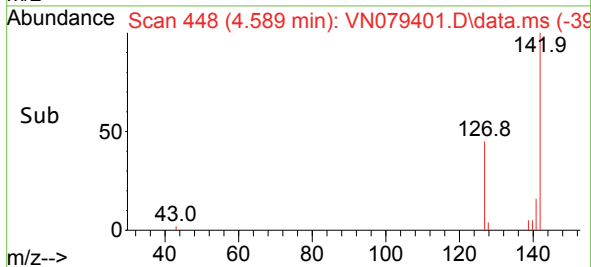
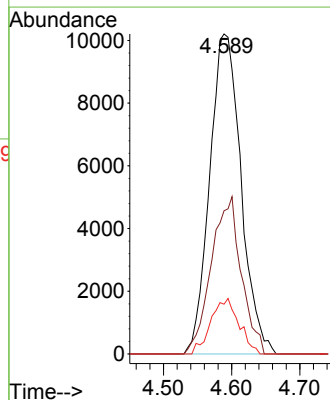
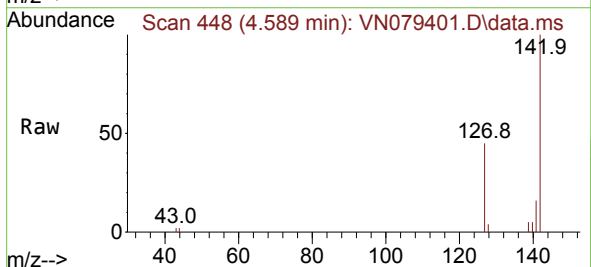
Instrument :
MSVOA_N
ClientSampleId :

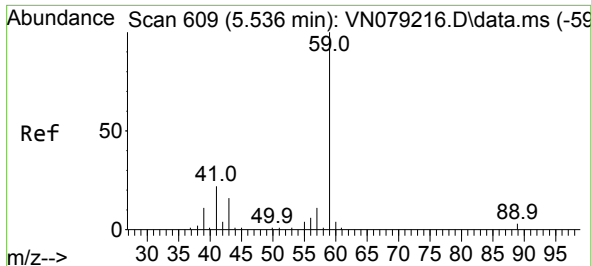
Tgt Ion:101 Resp: 33100
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 72.7 57.6 86.4



#10
Methyl Iodide
Concen: 23.095 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

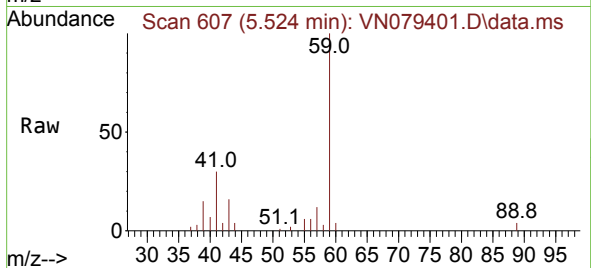
Tgt Ion:142 Resp: 32647
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 15.6 11.4 17.0



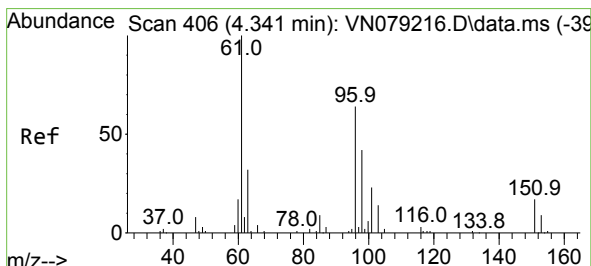
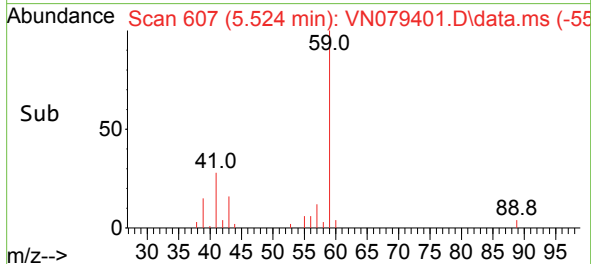
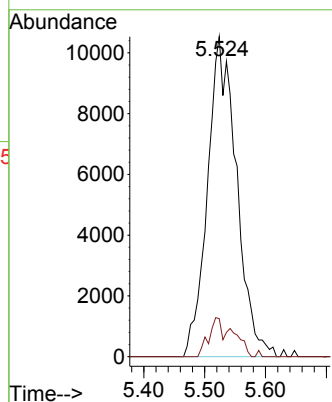


#11
Tert butyl alcohol
Concen: 89.211 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

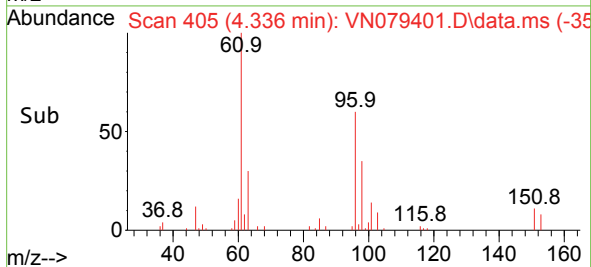
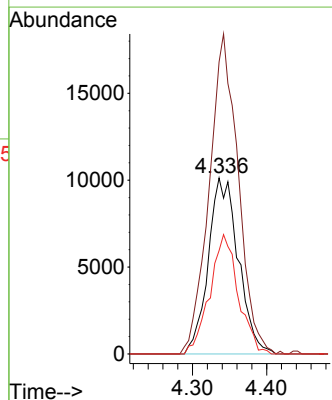
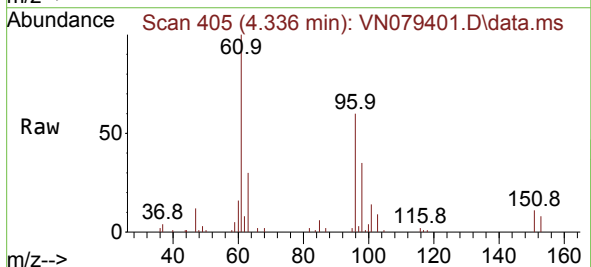


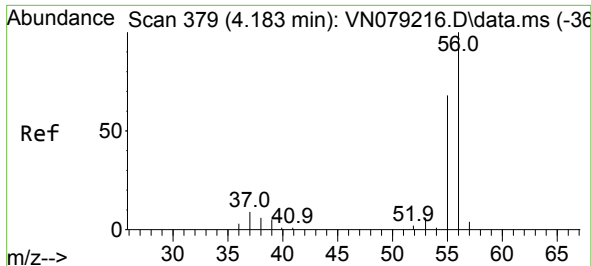
Tgt Ion: 59 Resp: 34860
Ion Ratio Lower Upper
59 100
57 6.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.070 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

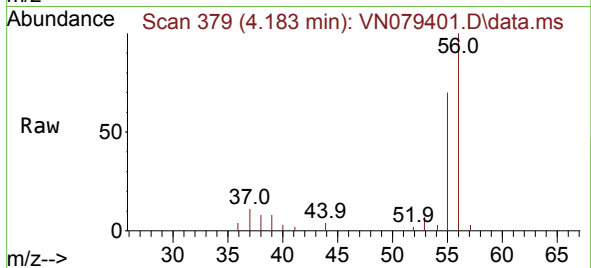
Tgt Ion: 96 Resp: 28546
Ion Ratio Lower Upper
96 100
61 166.0 112.7 169.1
98 58.7 51.2 76.8



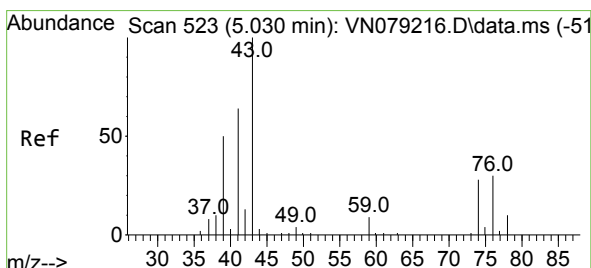
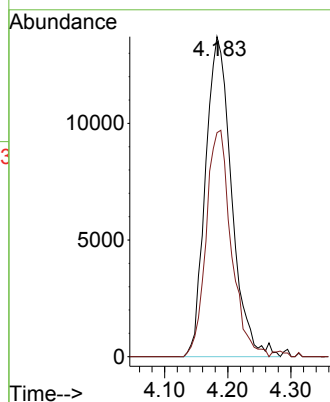
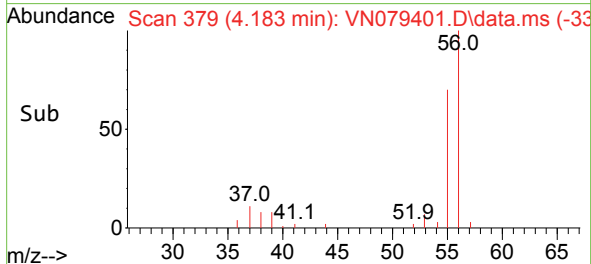


#13
Acrolein
Concen: 105.687 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

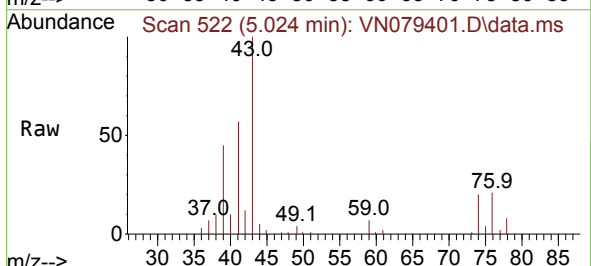
Instrument :
MSVOA_N
ClientSampleId :



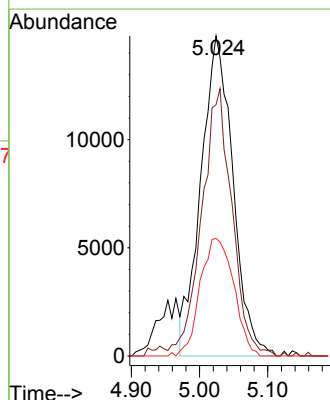
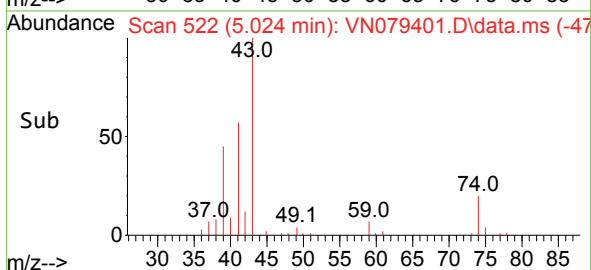
Tgt Ion: 56 Resp: 39394
Ion Ratio Lower Upper
56 100
55 68.2 54.5 81.7

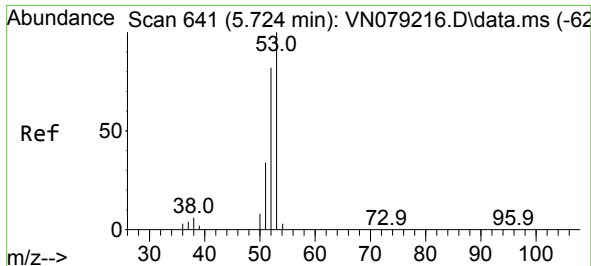


#14
Allyl chloride
Concen: 18.113 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11



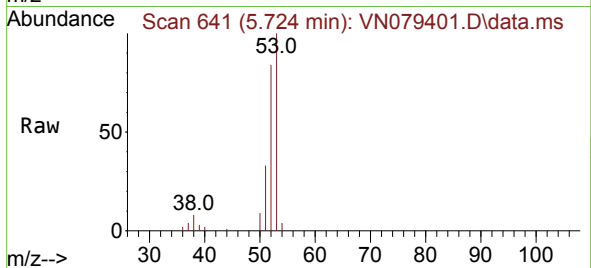
Tgt Ion: 41 Resp: 48318
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 38.5 39.1 58.7#



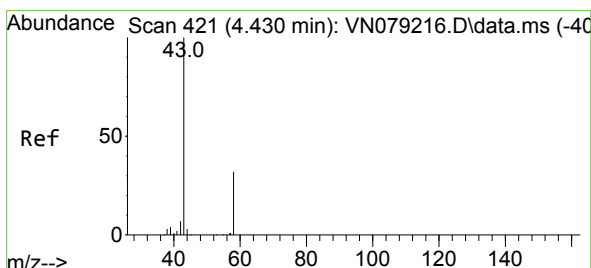
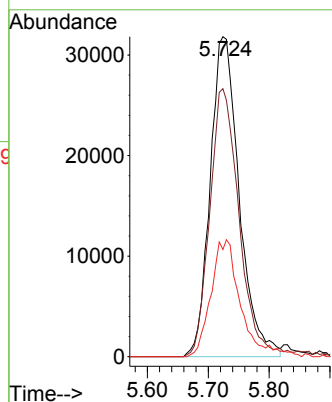
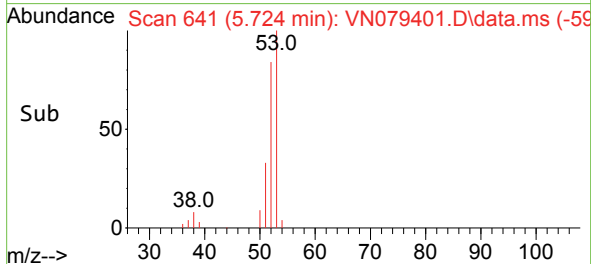


#15
Acrylonitrile
Concen: 104.032 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

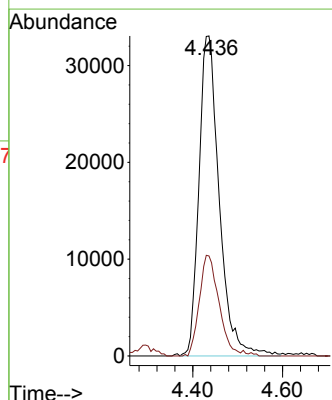
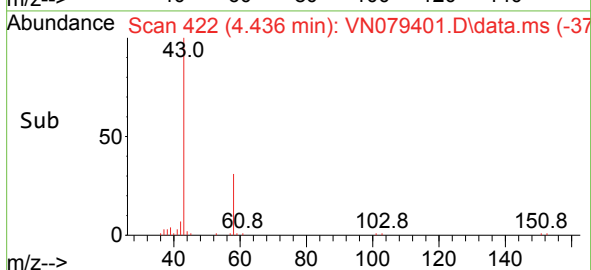
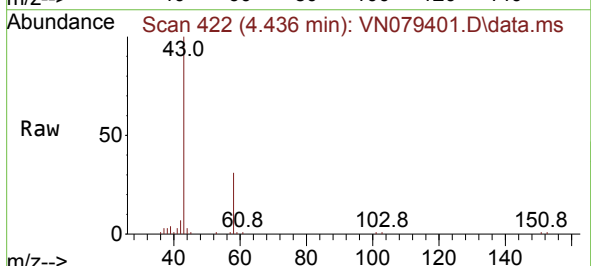


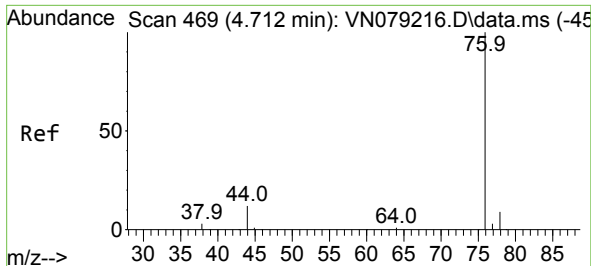
Tgt Ion: 53 Resp: 105408
Ion Ratio Lower Upper
53 100
52 84.6 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 115.687 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

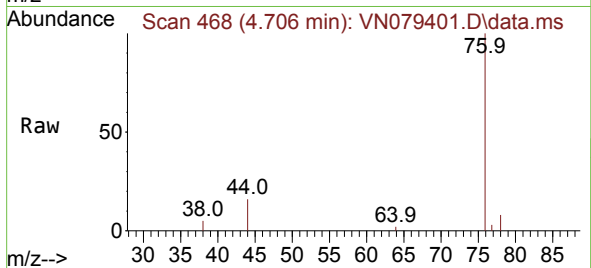
Tgt Ion: 43 Resp: 103992
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0



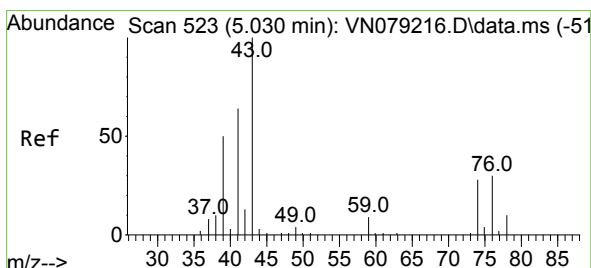
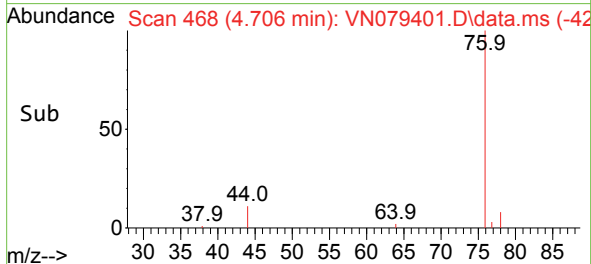
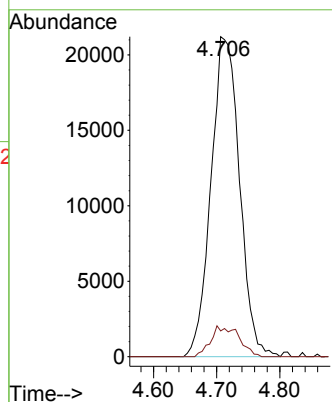


#17
Carbon Disulfide
Concen: 12.720 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.018 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

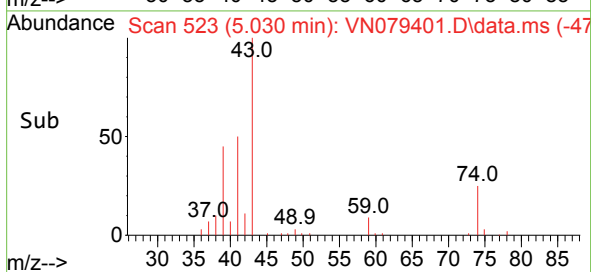
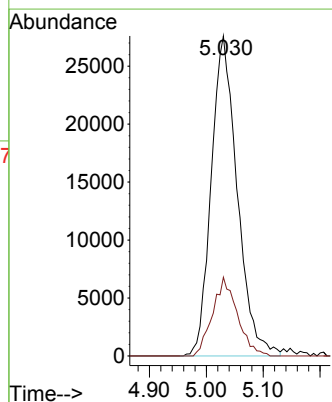
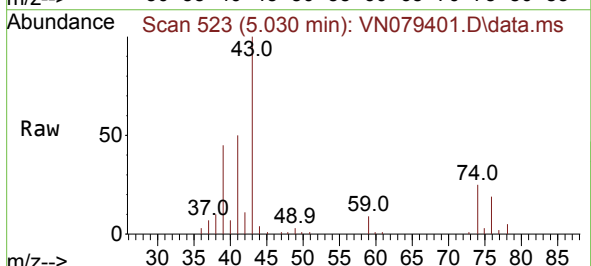


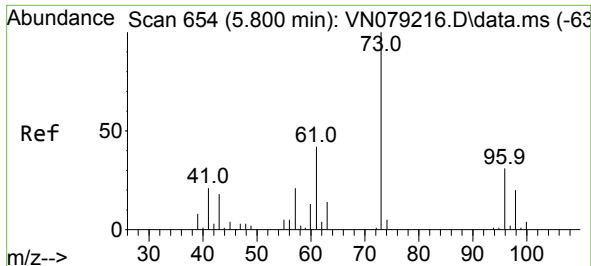
Tgt Ion: 76 Resp: 66483
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 23.740 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 43 Resp: 87707
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

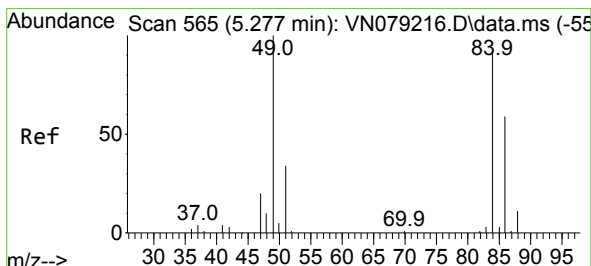
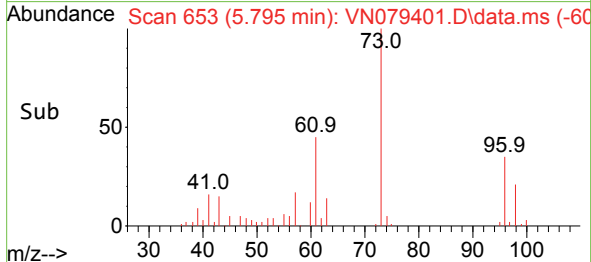
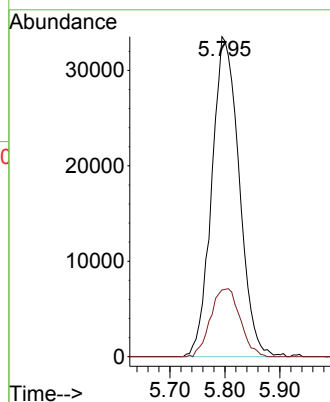
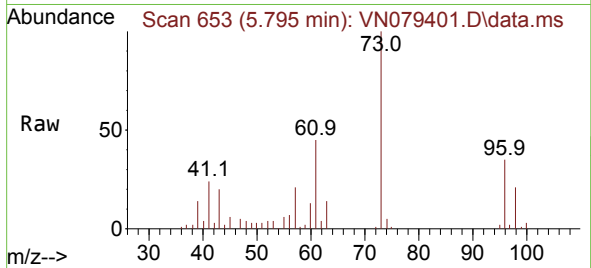




#19
Methyl tert-butyl Ether
Concen: 20.238 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.023 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

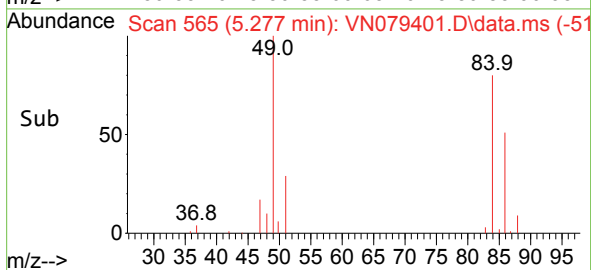
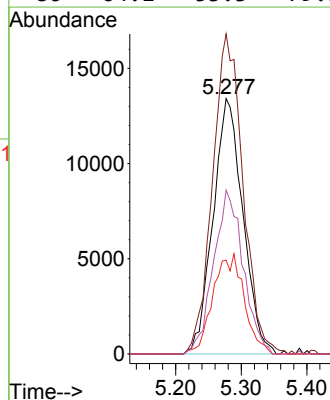
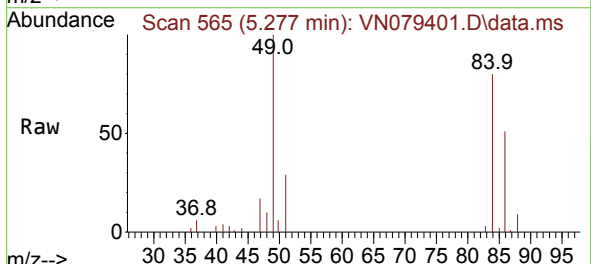
Instrument :
MSVOA_N
ClientSampleId :

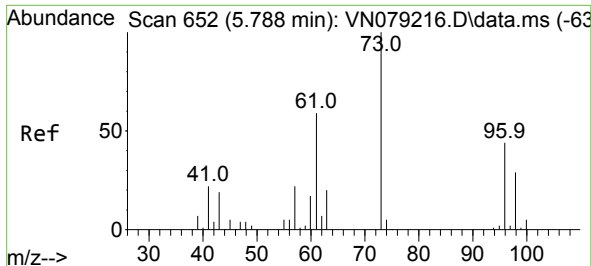
Tgt Ion: 73 Resp: 116068
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4



#20
Methylene Chloride
Concen: 19.354 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 84 Resp: 42336
Ion Ratio Lower Upper
84 100
49 125.3 79.7 119.5#
51 36.7 25.2 37.8
86 64.1 53.3 79.9

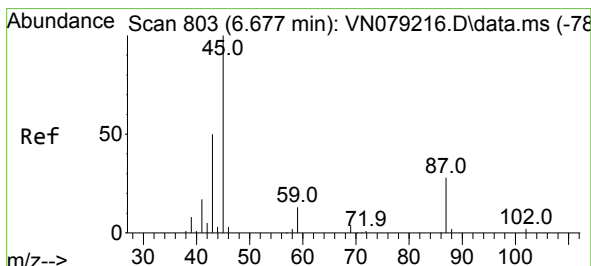
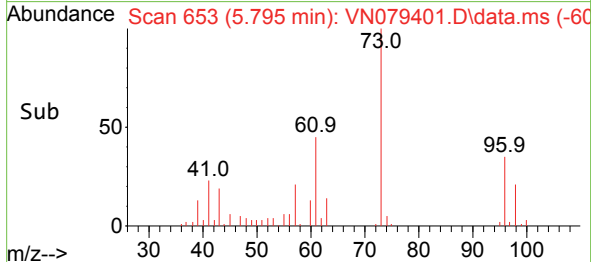
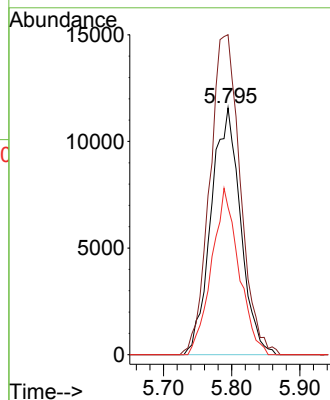
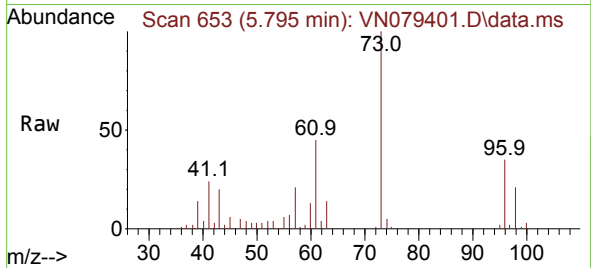




#21
trans-1,2-Dichloroethene
Concen: 17.913 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

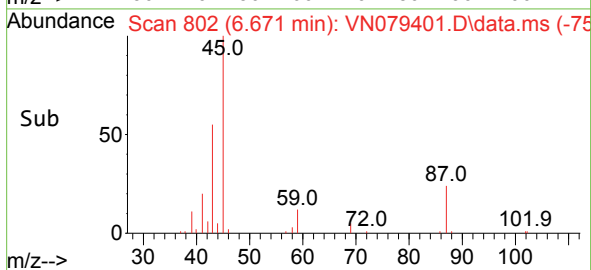
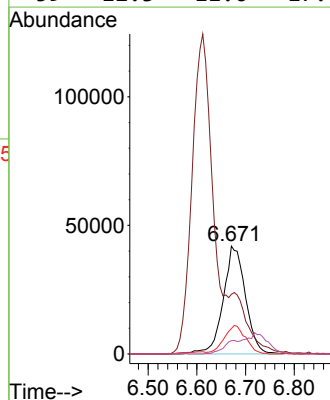
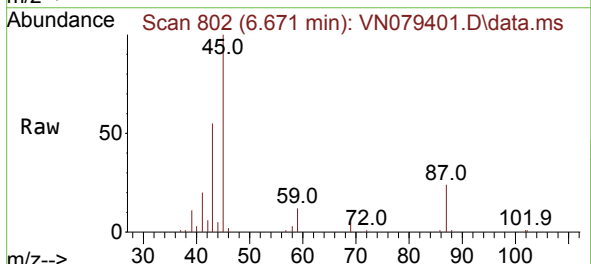
Instrument :
MSVOA_N
ClientSampleId :

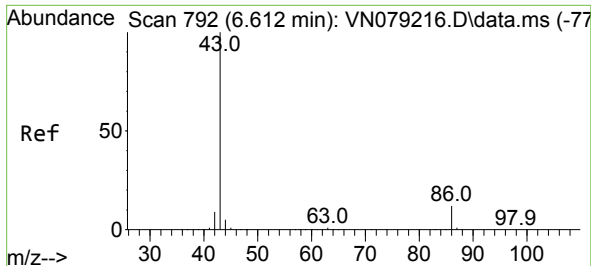
Tgt Ion: 96 Resp: 34750
Ion Ratio Lower Upper
96 100
61 129.7 90.1 135.1
98 59.7 46.4 69.6



#22
Diisopropyl ether
Concen: 22.717 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 45 Resp: 132964
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 23.6 31.8 47.8#
59 12.3 11.6 17.4

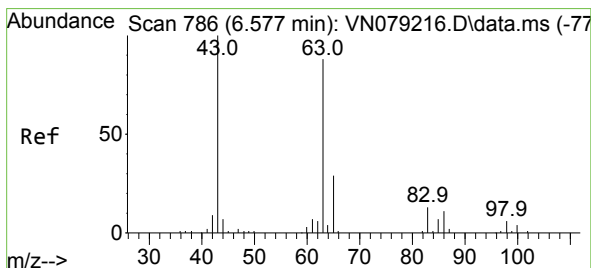
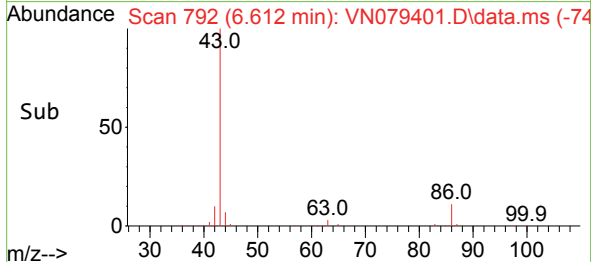
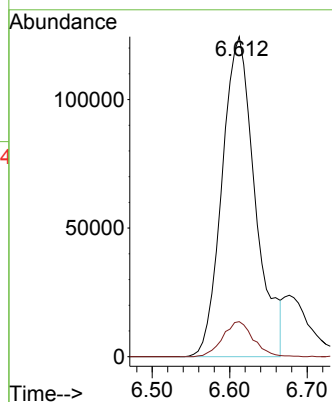
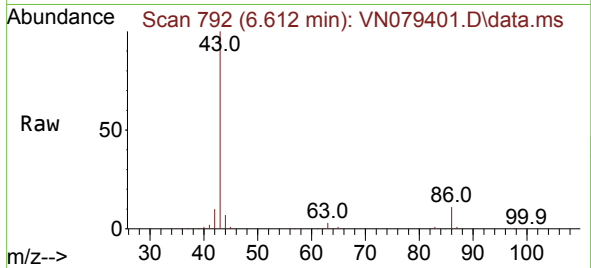




#23
 Vinyl Acetate
 Concen: 103.103 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

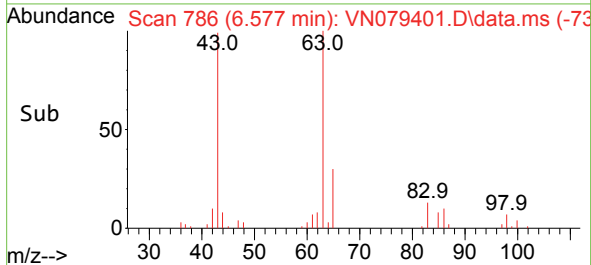
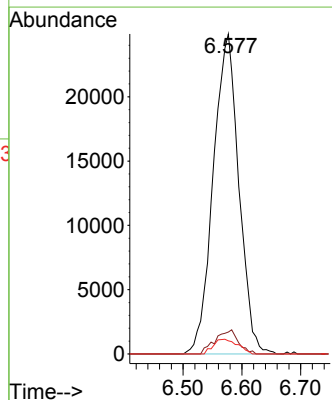
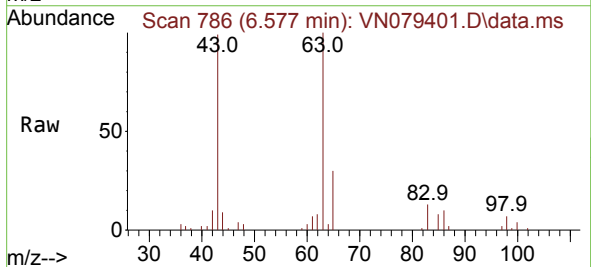
Instrument :
 MSVOA_N
 ClientSampleId :

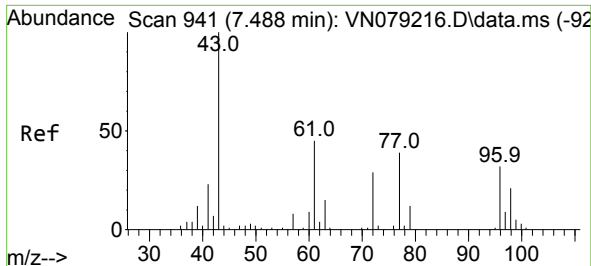
Tgt Ion: 43 Resp: 371185
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.872 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Tgt Ion: 63 Resp: 75311
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.1 2.5 7.4

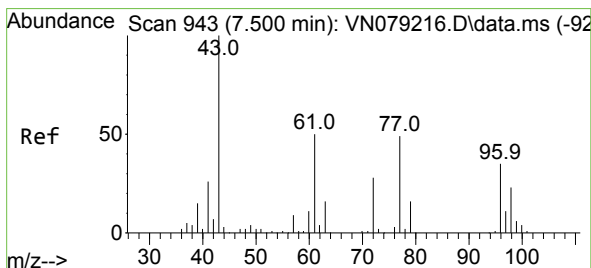
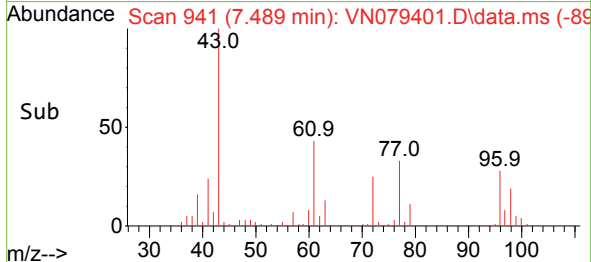
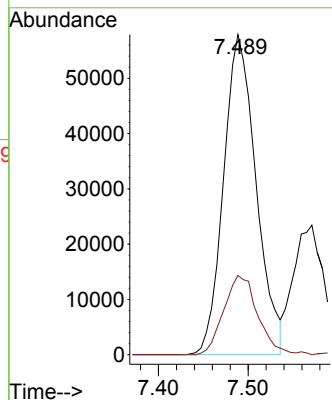
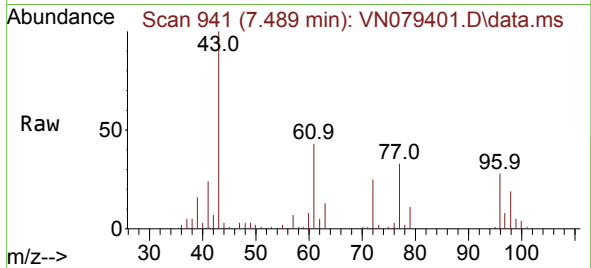




#25
2-Butanone
Concen: 111.838 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

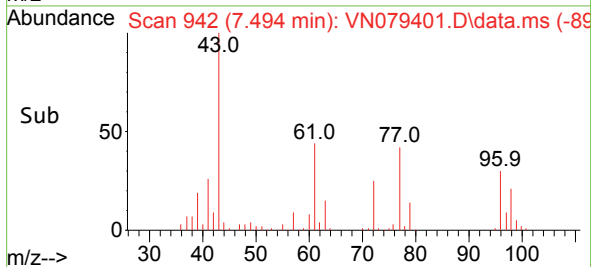
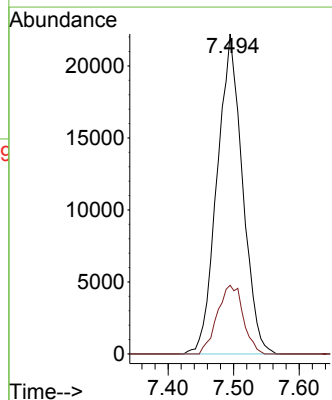
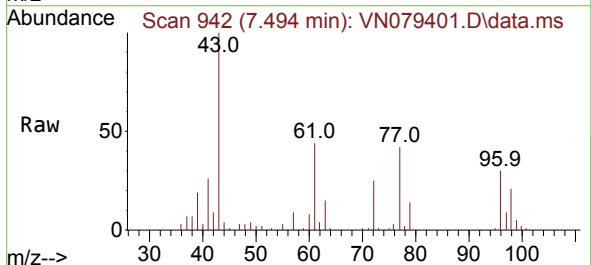
Instrument :
MSVOA_N
ClientSampleId :

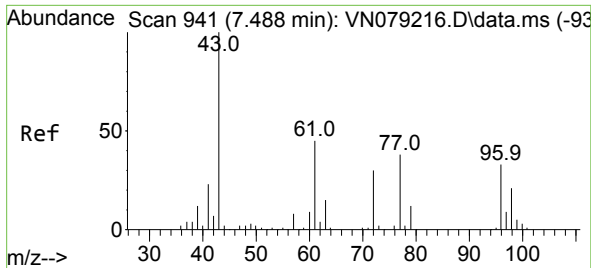
Tgt Ion: 43 Resp: 145865
Ion Ratio Lower Upper
43 100
72 24.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.169 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

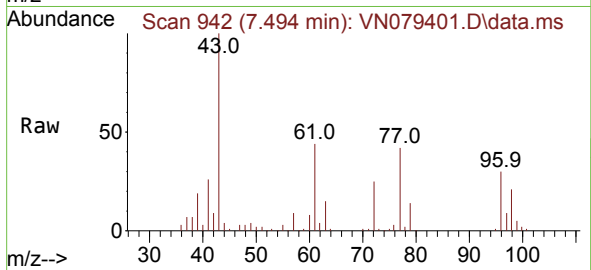
Tgt Ion: 77 Resp: 59720
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





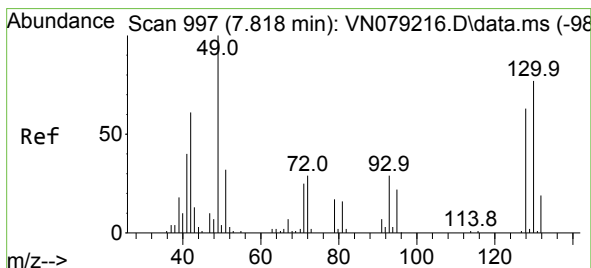
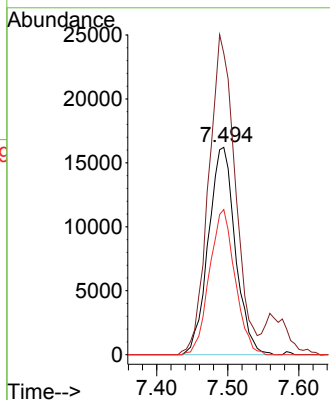
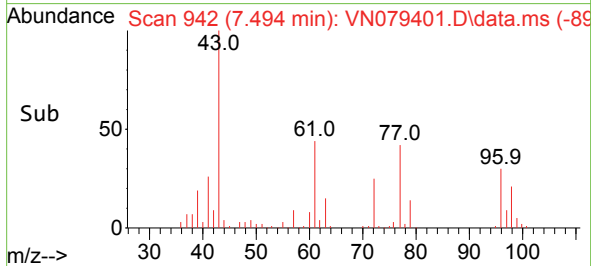
#27
 cis-1,2-Dichloroethene
 Concen: 19.237 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 42671

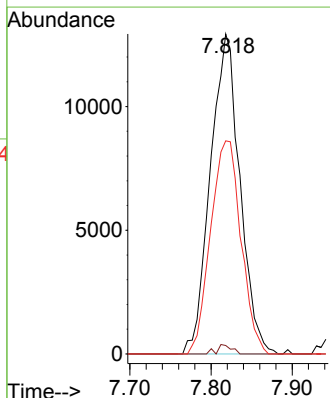
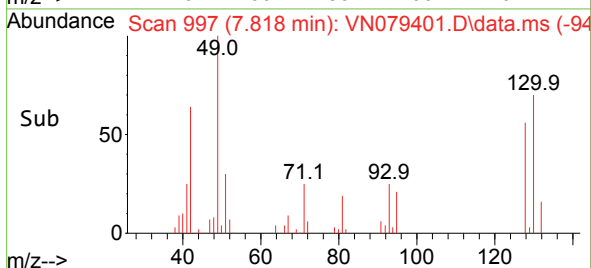
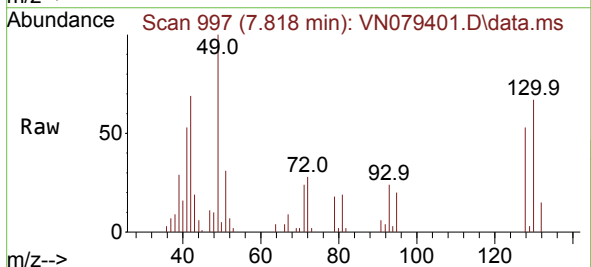
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	255.2
98	66.6	0.0	128.8

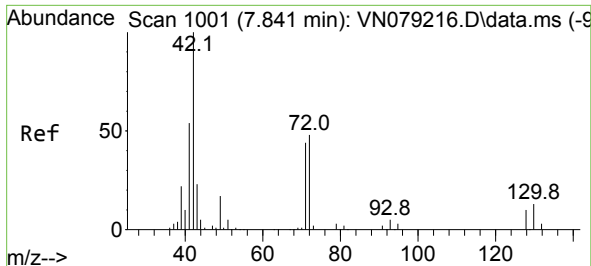


#28
 Bromochloromethane
 Concen: 20.036 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Tgt Ion: 49 Resp: 32687

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	68.5	75.3	112.9





#29

Tetrahydrofuran

Concen: 110.113 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.000 min

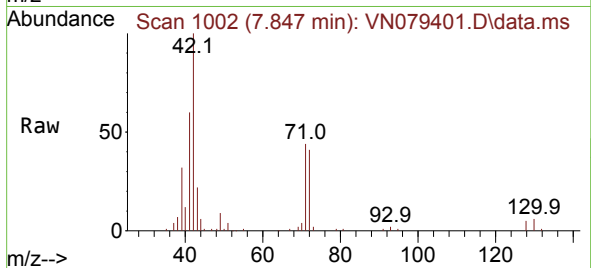
Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :



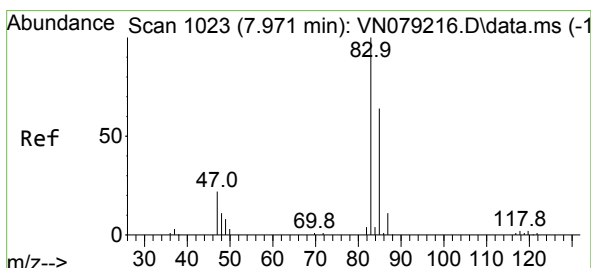
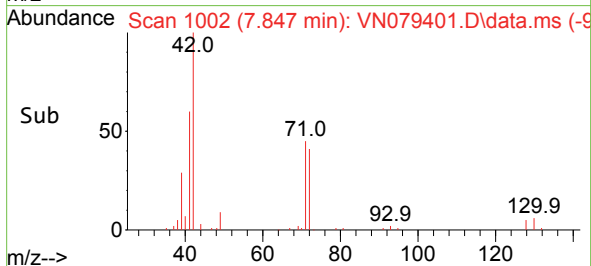
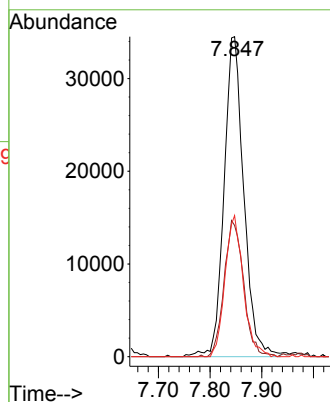
Tgt Ion: 42 Resp: 91393

Ion Ratio Lower Upper

42 100

72 42.0 49.8 74.6#

71 41.0 47.4 71.2#



#30

Chloroform

Concen: 21.330 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079401.D

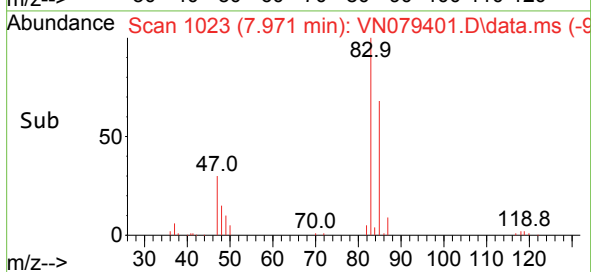
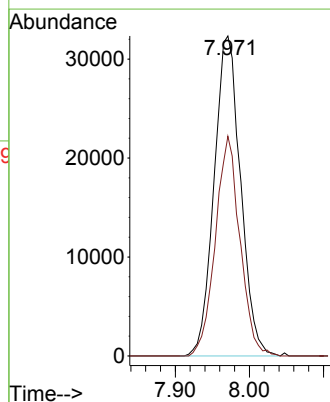
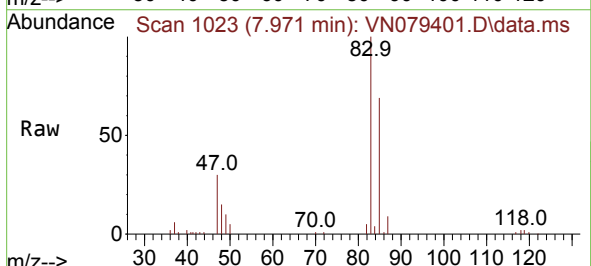
Acq: 04 Oct 2023 14:11

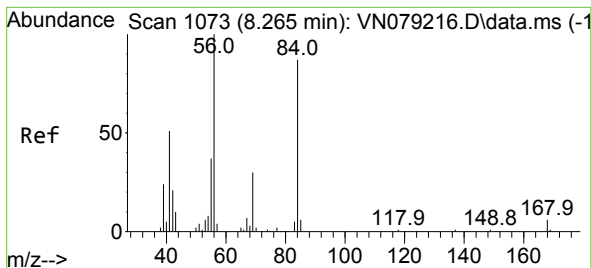
Tgt Ion: 83 Resp: 80132

Ion Ratio Lower Upper

83 100

85 68.6 55.4 83.0





#31

Cyclohexane

Concen: 17.146 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

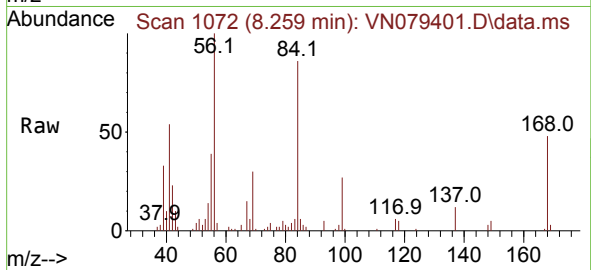
Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :



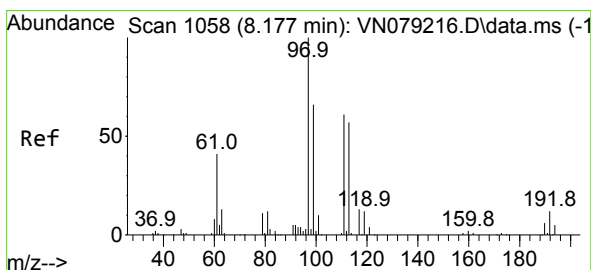
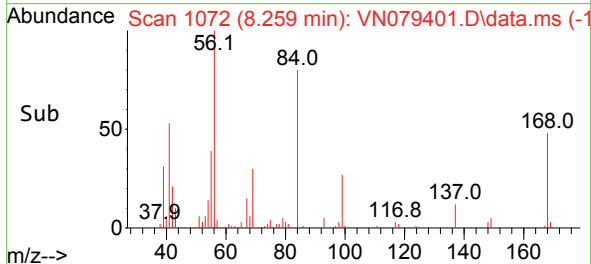
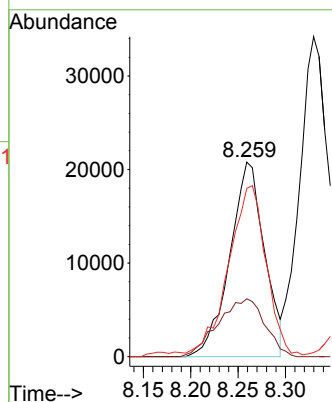
Tgt Ion: 56 Resp: 52988

Ion Ratio Lower Upper

56 100

69 29.8 26.8 40.2

84 84.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.536 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

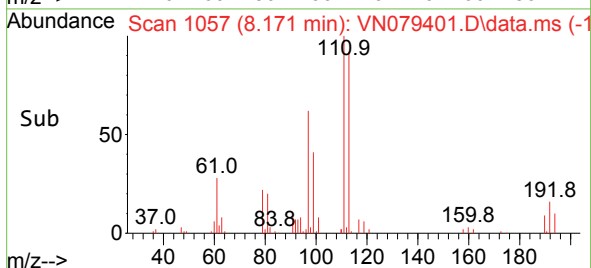
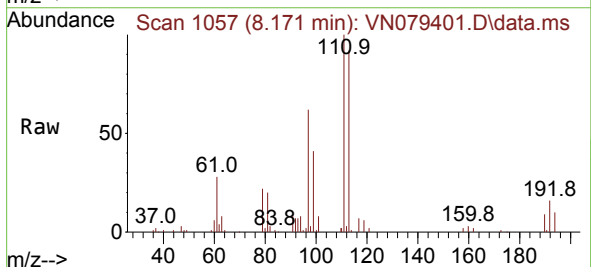
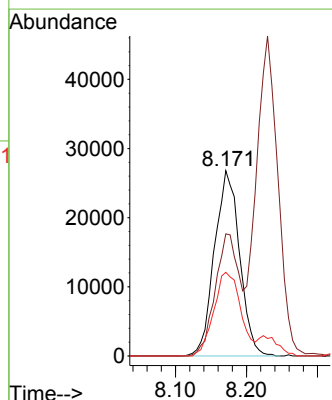
Tgt Ion: 97 Resp: 65763

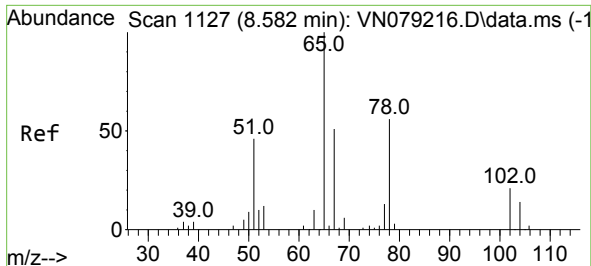
Ion Ratio Lower Upper

97 100

99 61.8 50.3 75.5

61 48.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.488 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

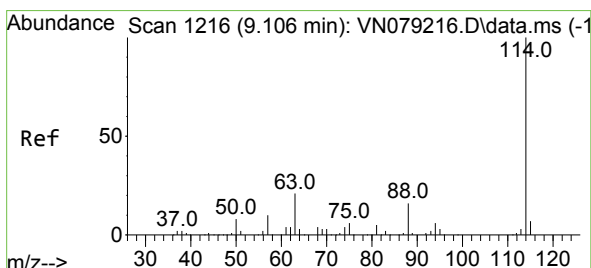
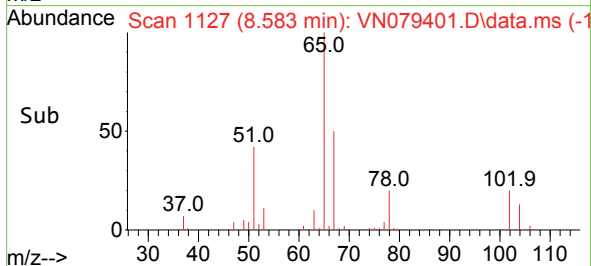
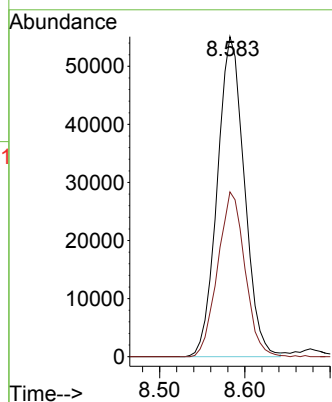
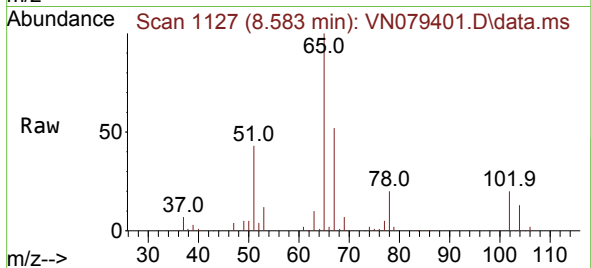
ClientSampleId :

Tgt Ion: 65 Resp: 121675

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

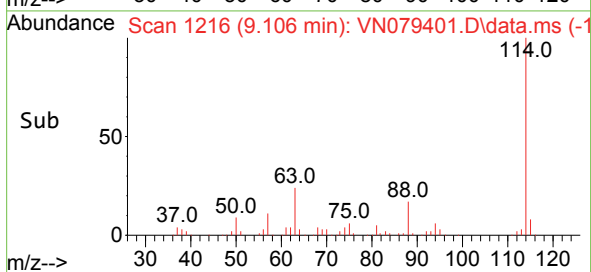
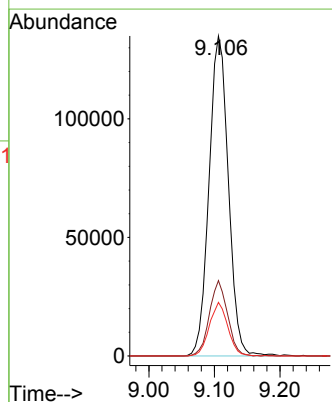
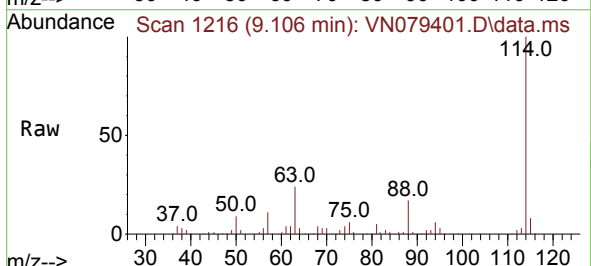
Tgt Ion: 114 Resp: 276477

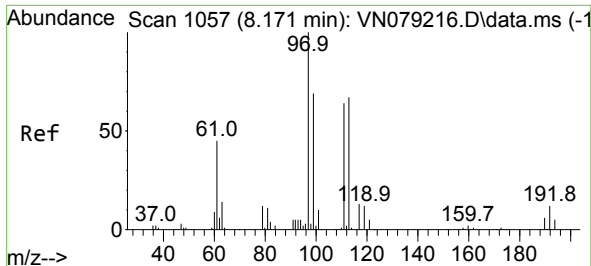
Ion Ratio Lower Upper

114 100

63 23.6 0.0 36.4

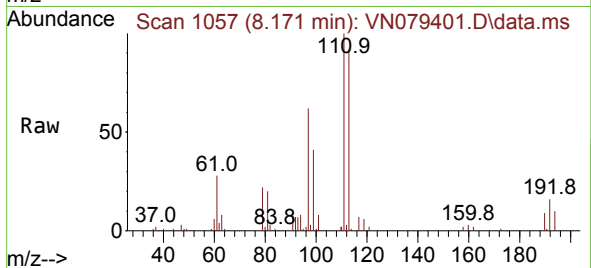
88 16.8 0.0 30.6



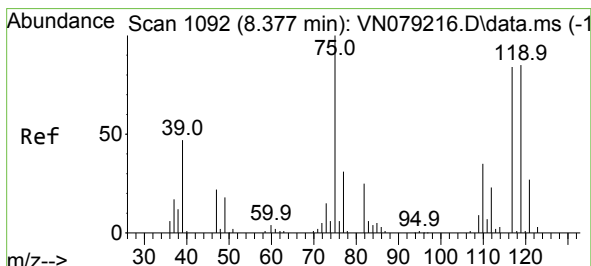
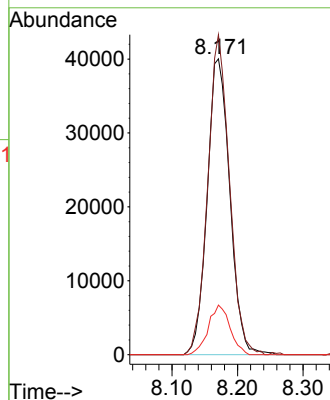
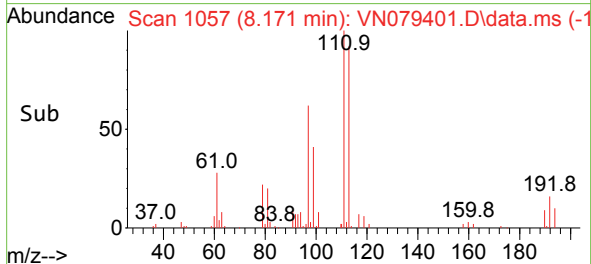


#35
Dibromofluoromethane
Concen: 52.296 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

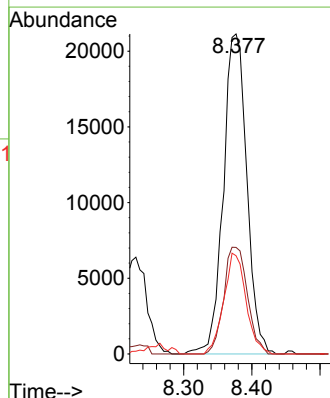
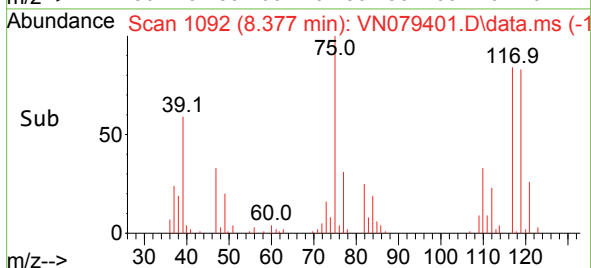
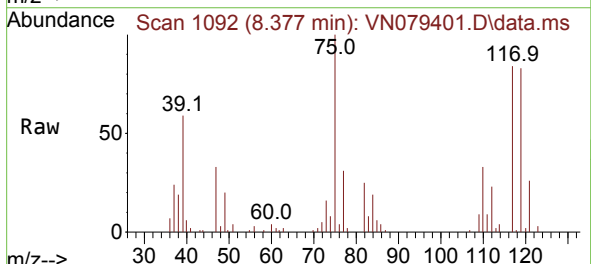


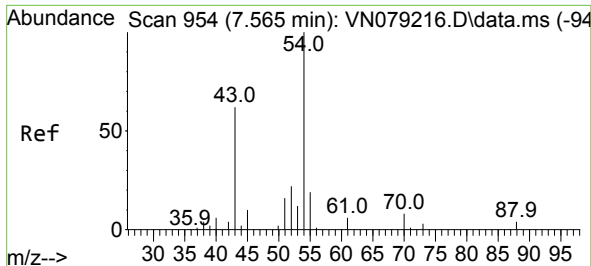
Tgt Ion:113 Resp: 96176
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.889 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 75 Resp: 50709
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 20.585 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

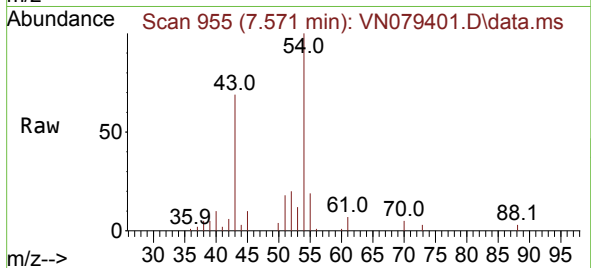
Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :



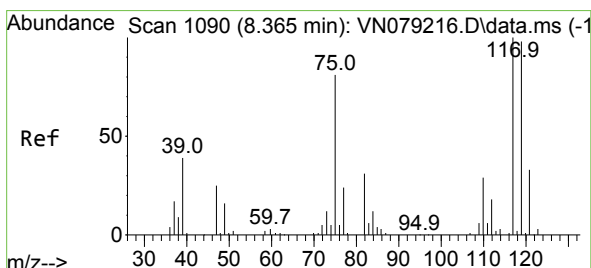
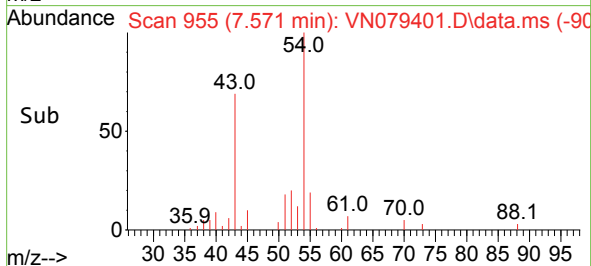
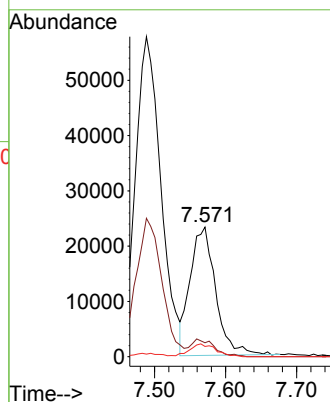
Tgt Ion: 43 Resp: 58203

Ion Ratio Lower Upper

43 100

61 12.7 13.2 19.8#

70 10.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 18.661 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

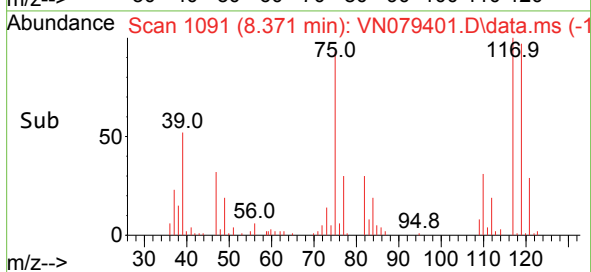
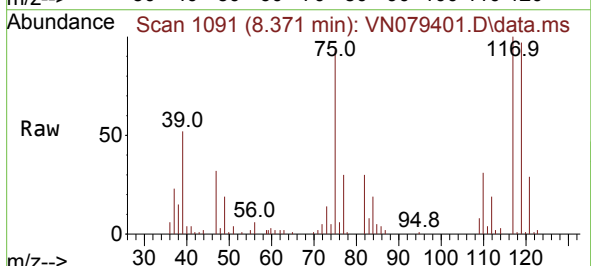
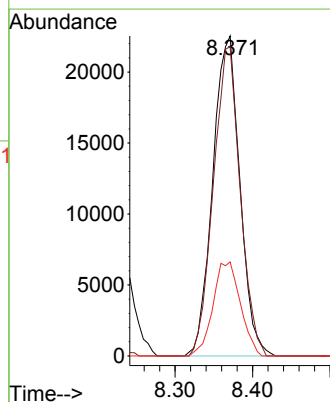
Tgt Ion: 117 Resp: 54742

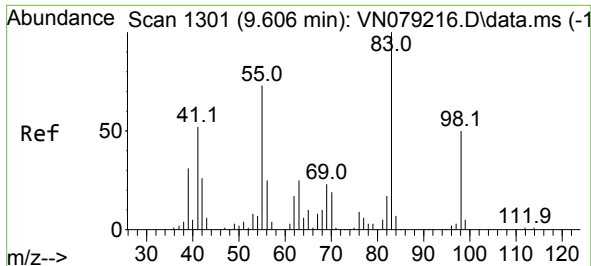
Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9

121 29.4 23.3 34.9

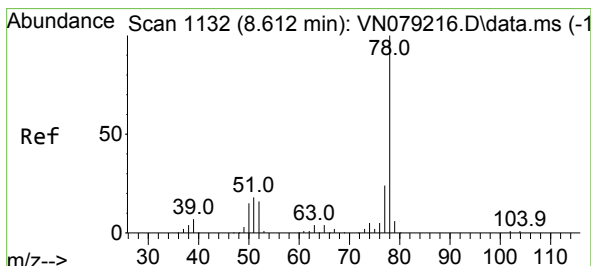
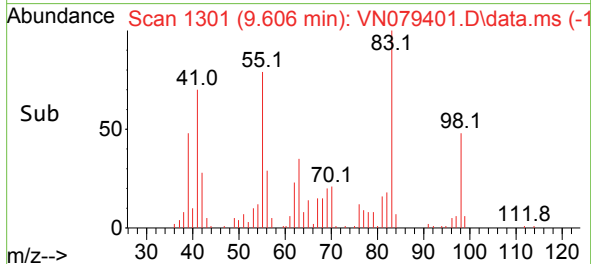
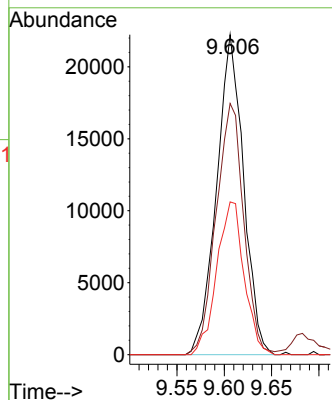
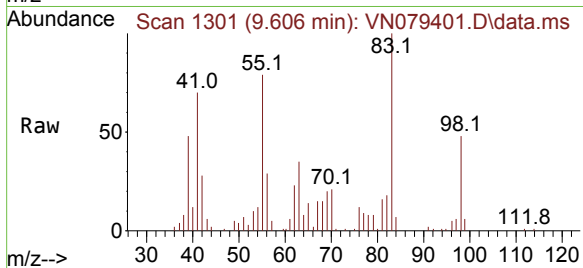




#39
Methylcyclohexane
Concen: 15.714 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

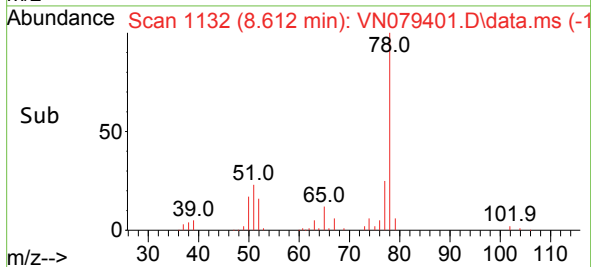
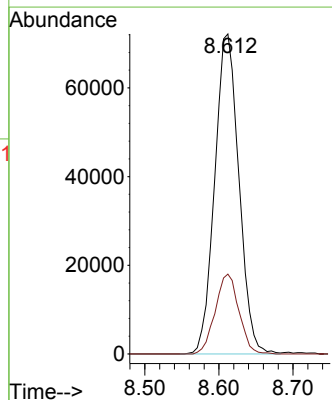
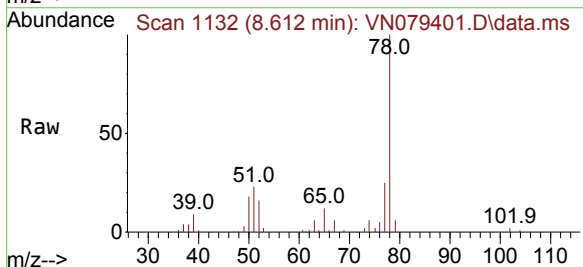
Instrument :
MSVOA_N
ClientSampleId :

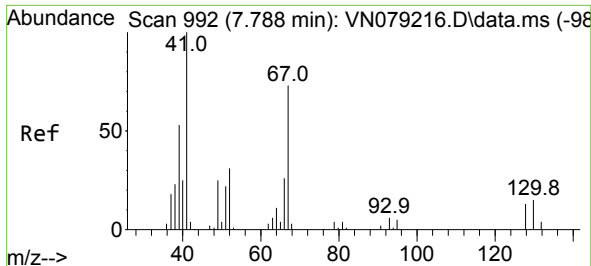
Tgt Ion: 83 Resp: 43939
Ion Ratio Lower Upper
83 100
55 78.5 49.1 73.7#
98 47.7 40.6 61.0



#40
Benzene
Concen: 18.863 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

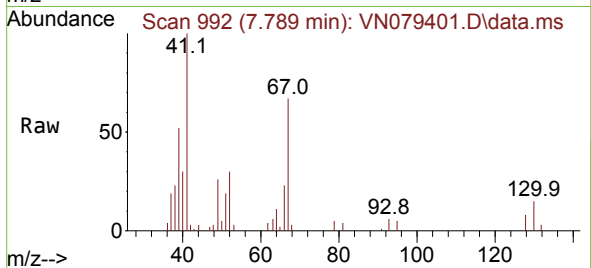
Tgt Ion: 78 Resp: 163690
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6



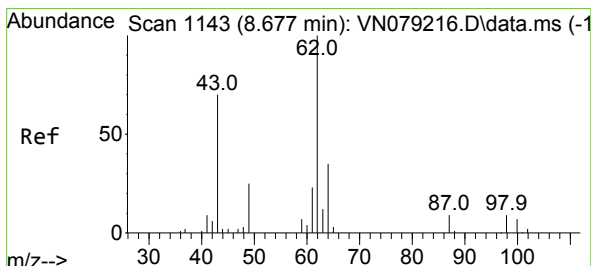
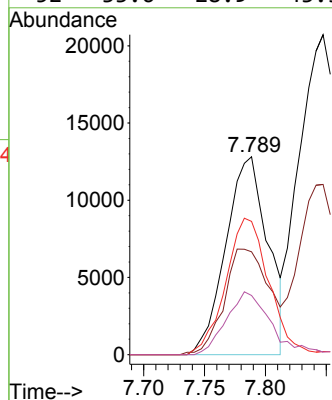
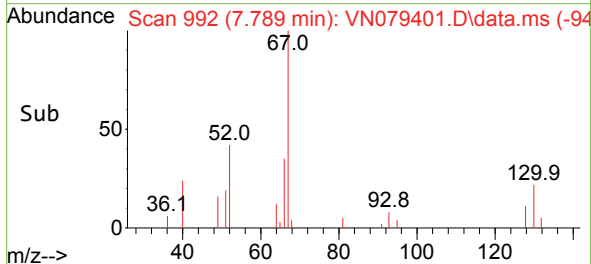


#41
Methacrylonitrile
Concen: 21.612 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

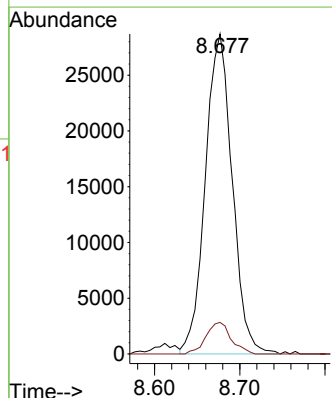
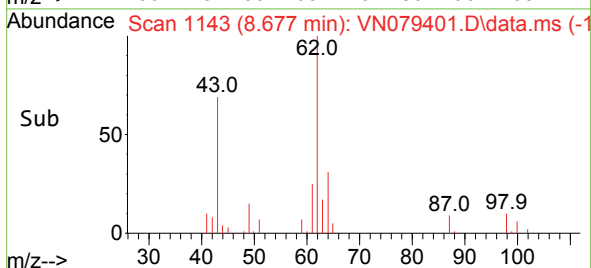
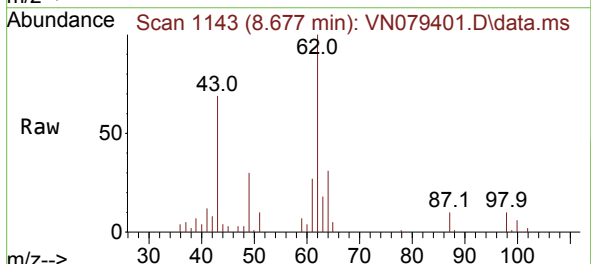


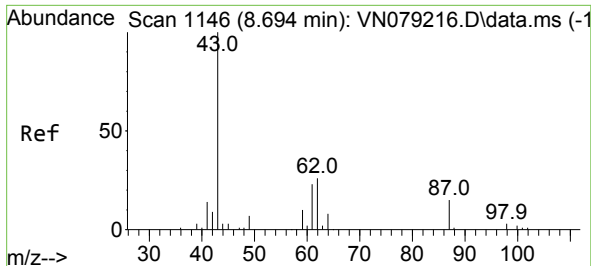
Tgt Ion:	41	Resp:	30810
Ion	Ratio	Lower	Upper
41	100		
39	57.2	42.6	64.0
67	70.6	77.5	116.3
52	33.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.066 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:	62	Resp:	62934
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

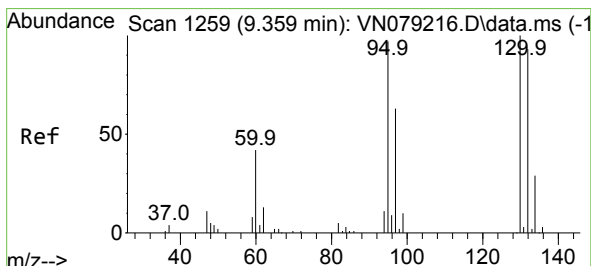
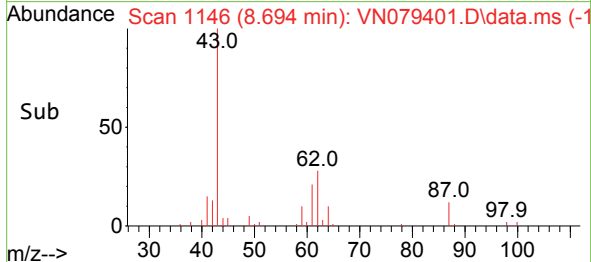
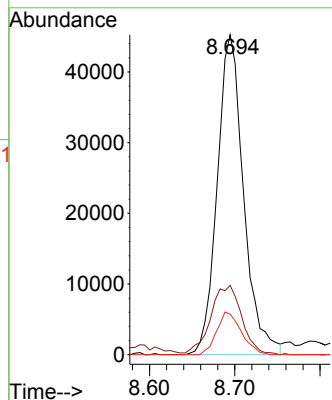
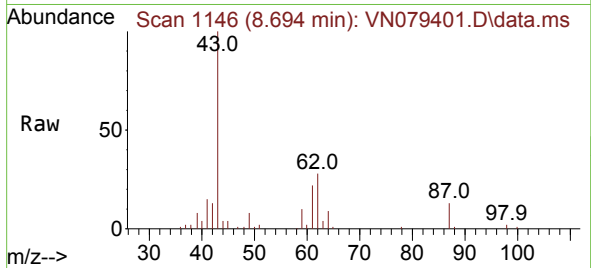




#43
Isopropyl Acetate
Concen: 21.089 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

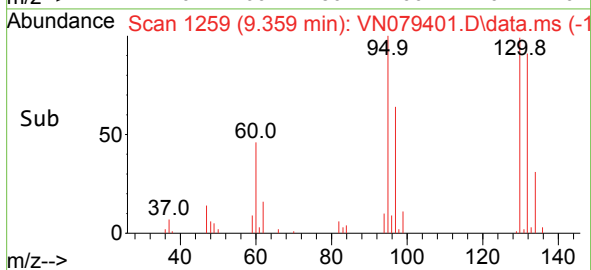
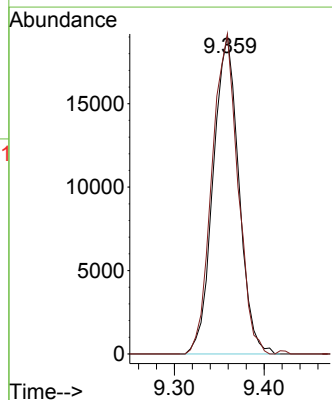
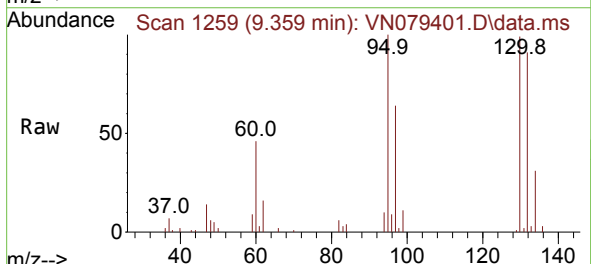
Instrument :
MSVOA_N
ClientSampleId :

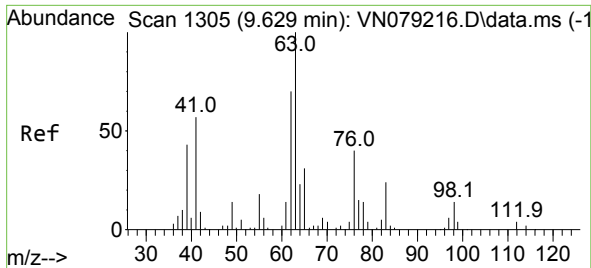
Tgt Ion: 43 Resp: 97293
Ion Ratio Lower Upper
43 100
61 25.7 24.7 37.1
87 12.4 14.6 21.8#



#44
Trichloroethene
Concen: 17.692 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:130 Resp: 37819
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6

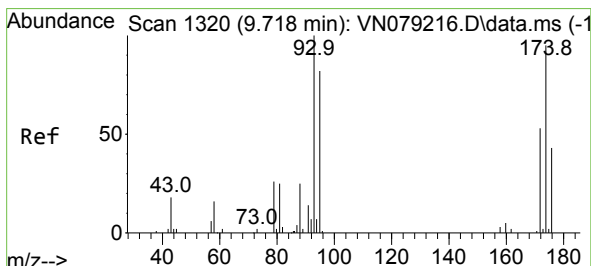
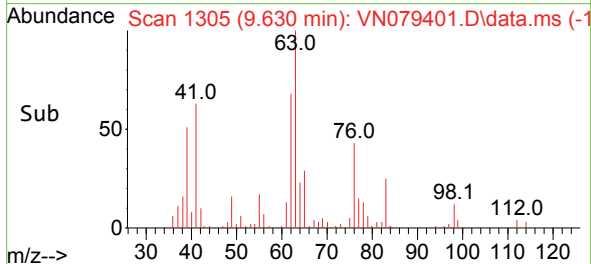
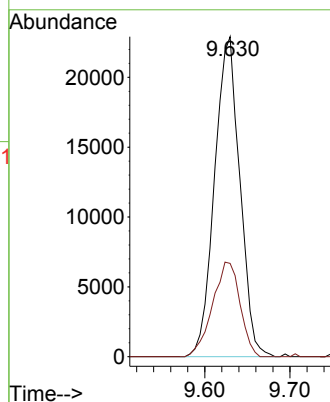
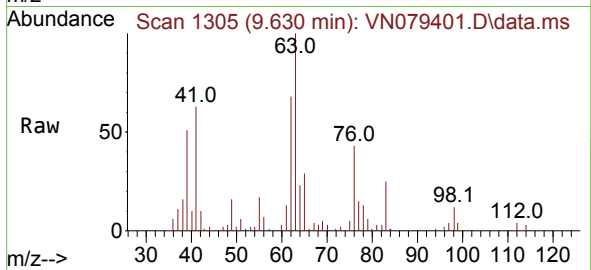




#45
1,2-Dichloropropane
Concen: 21.890 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

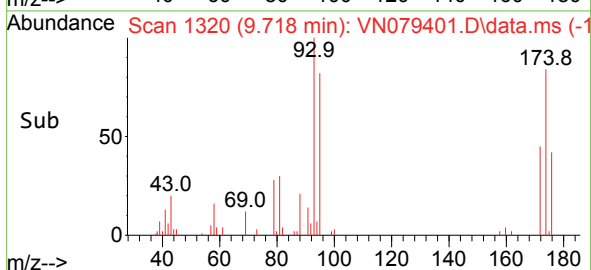
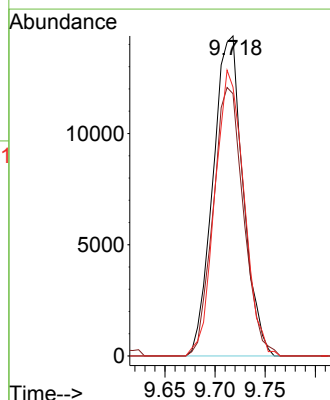
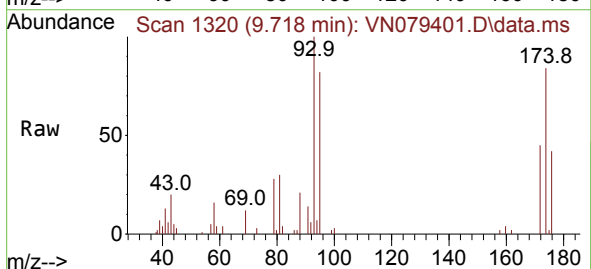
Instrument :
MSVOA_N
ClientSampleId :

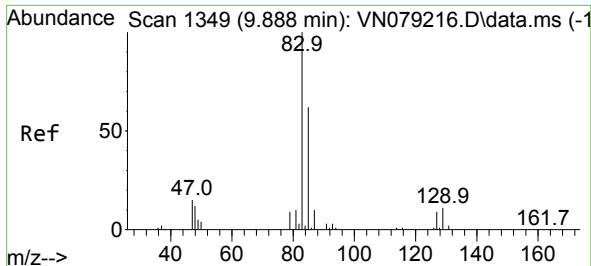
Tgt Ion: 63 Resp: 47143
Ion Ratio Lower Upper
63 100
65 29.2 23.9 35.9



#46
Dibromomethane
Concen: 20.583 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 93 Resp: 30092
Ion Ratio Lower Upper
93 100
95 84.5 63.8 95.8
174 86.3 65.6 98.4

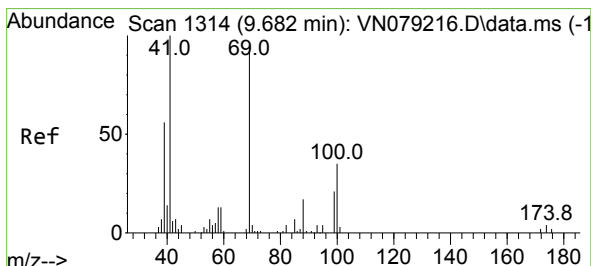
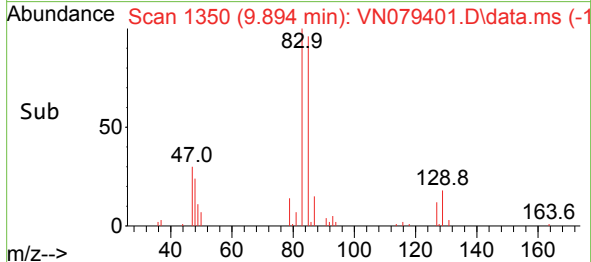
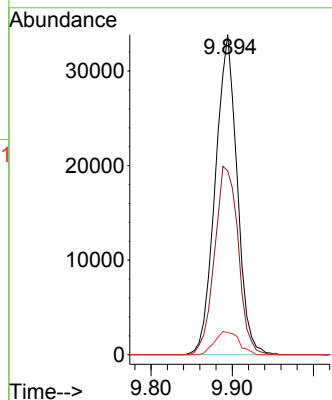
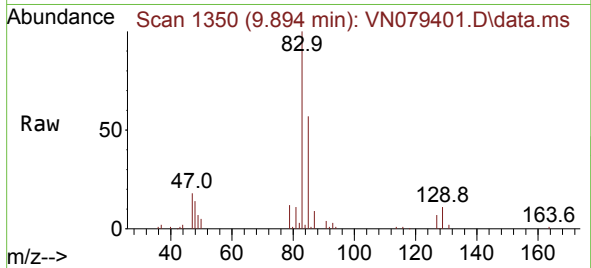




#47
Bromodichloromethane
Concen: 21.120 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

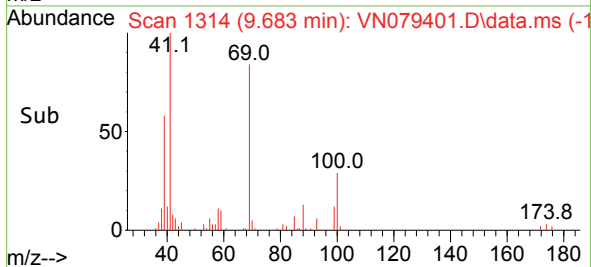
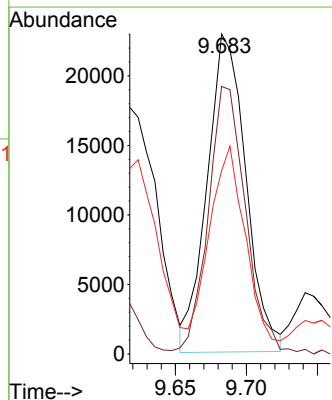
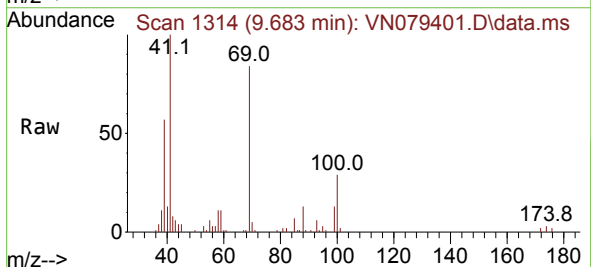
Instrument :
MSVOA_N
ClientSampleId :

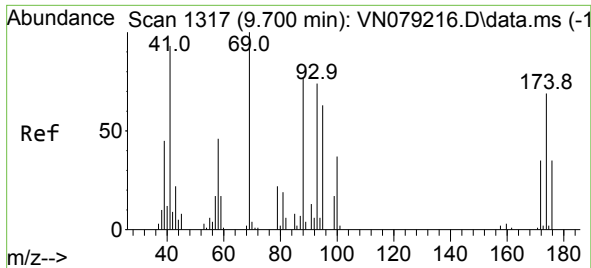
Tgt Ion: 83 Resp: 63243
Ion Ratio Lower Upper
83 100
85 57.5 49.6 74.4
127 6.9 7.0 10.6#



#48
Methyl methacrylate
Concen: 21.026 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 41 Resp: 43449
Ion Ratio Lower Upper
41 100
69 81.3 90.4 135.6#
39 62.5 54.6 81.8

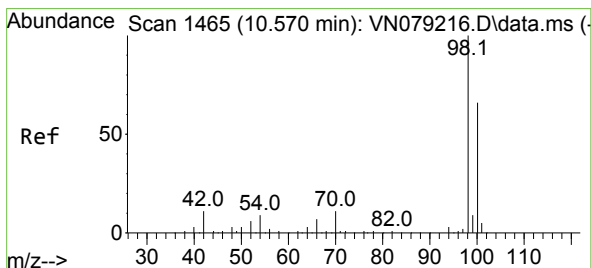
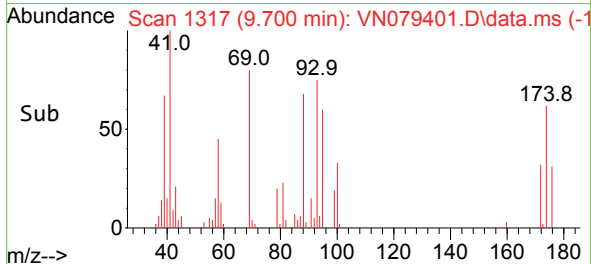
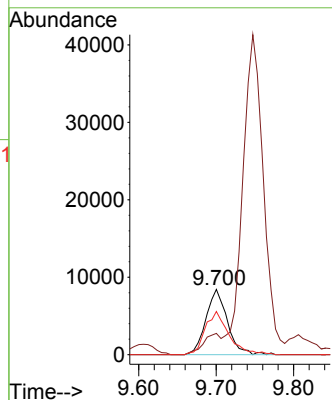
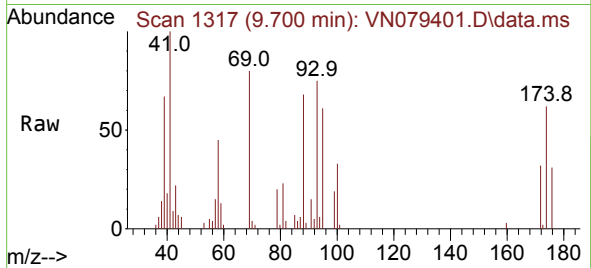




#49
1,4-Dioxane
Concen: 381.431 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

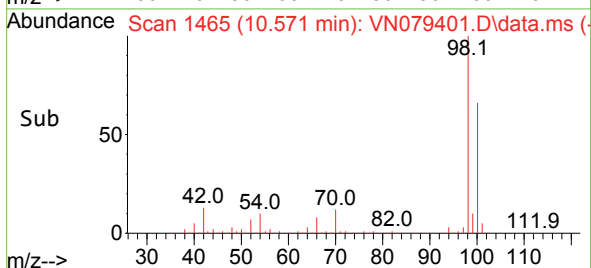
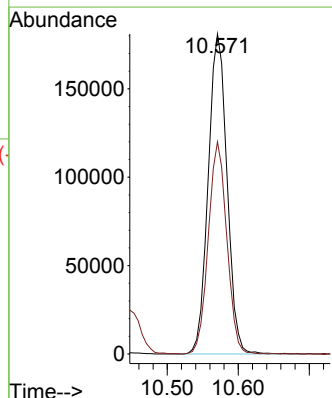
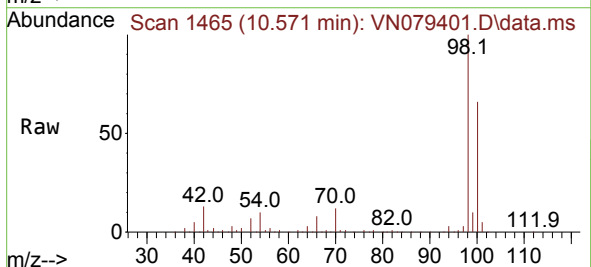
Instrument :
MSVOA_N
ClientSampleId :

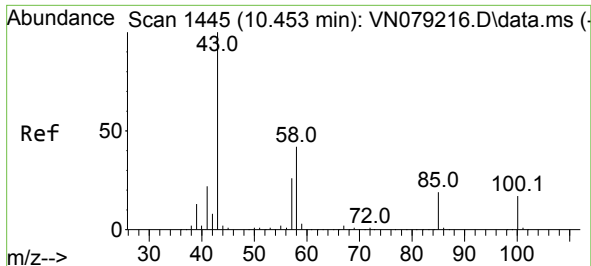
Tgt Ion: 88 Resp: 16212
Ion Ratio Lower Upper
88 100
43 27.1 17.0 25.6#
58 73.4 47.0 70.4#



#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 98 Resp: 333039
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 112.705 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

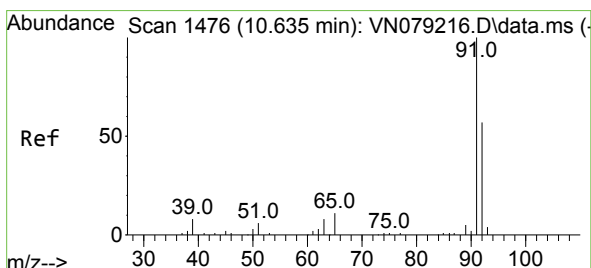
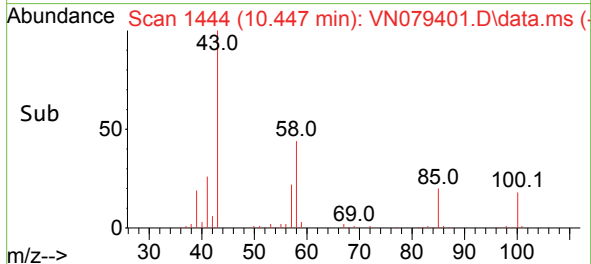
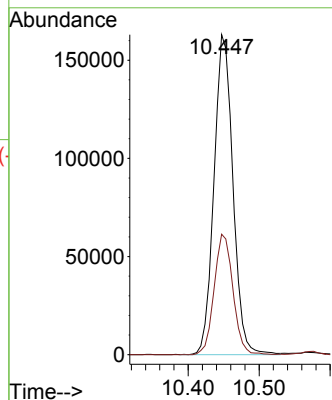
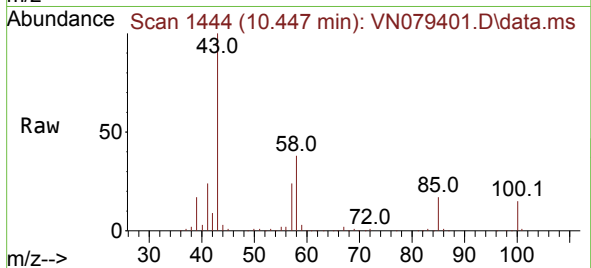
ClientSampleId :

Tgt Ion: 43 Resp: 301831

Ion Ratio Lower Upper

43 100

58 37.4 36.6 54.8



#52

Toluene

Concen: 19.160 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079401.D

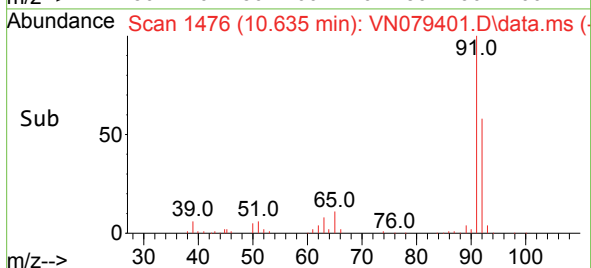
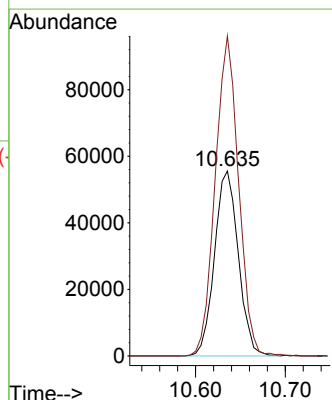
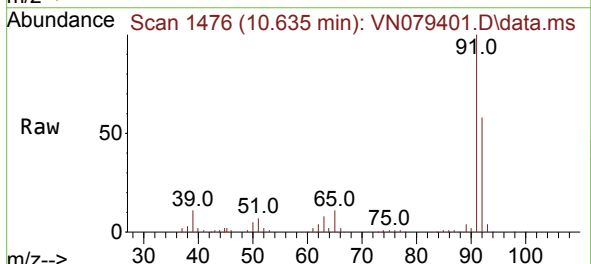
Acq: 04 Oct 2023 14:11

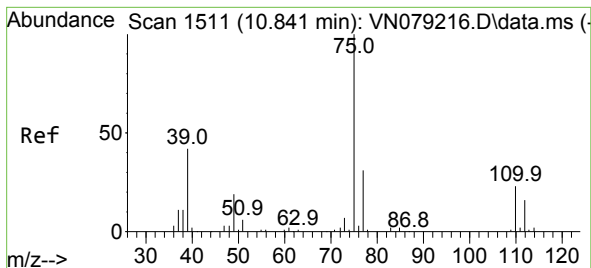
Tgt Ion: 92 Resp: 102179

Ion Ratio Lower Upper

92 100

91 170.0 137.4 206.0

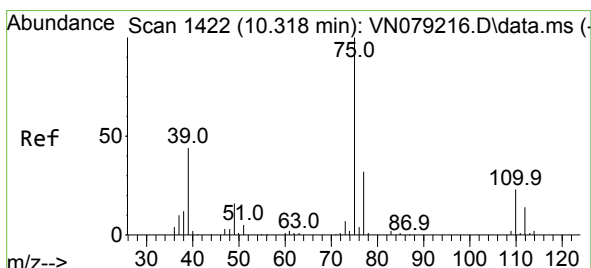
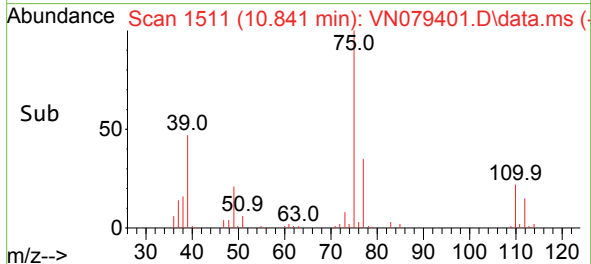
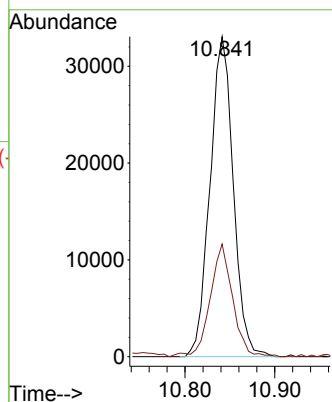
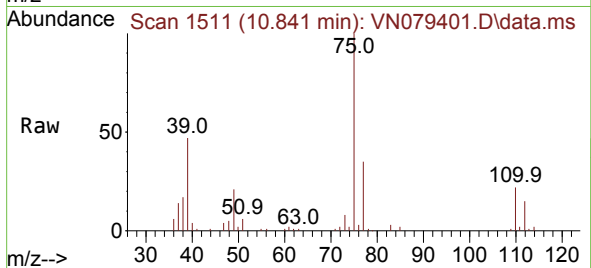




#53
 t-1,3-Dichloropropene
 Concen: 18.864 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

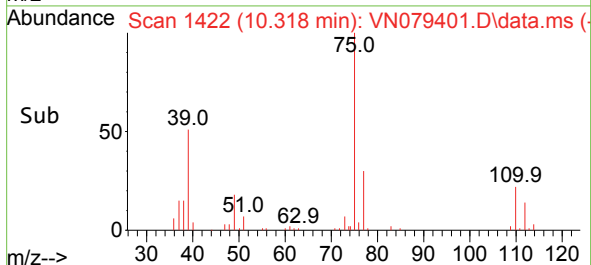
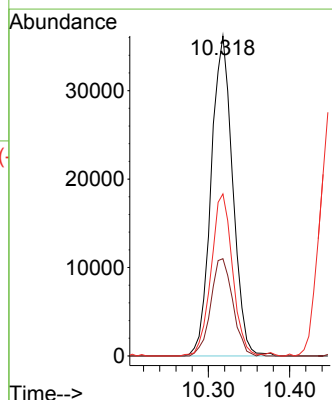
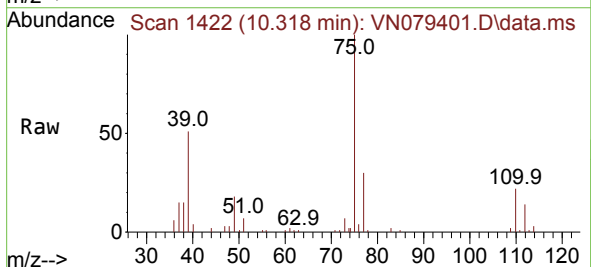
Instrument :
 MSVOA_N
 ClientSampleId :

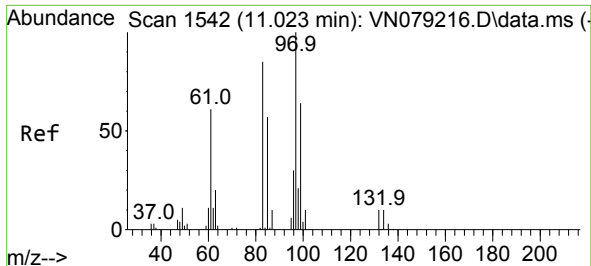
Tgt Ion: 75 Resp: 59562
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.730 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

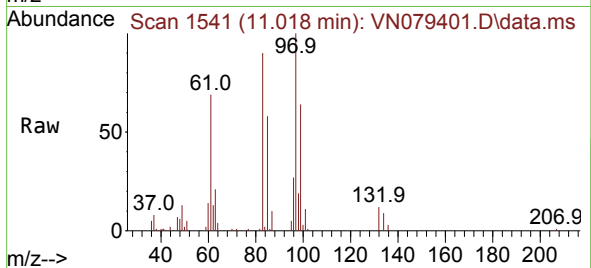
Tgt Ion: 75 Resp: 66631
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 50.7 31.6 47.4#



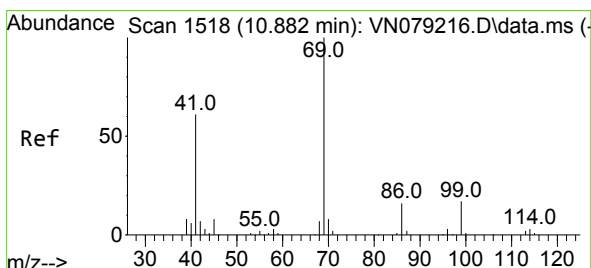
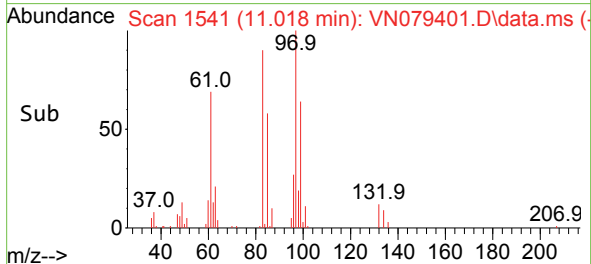
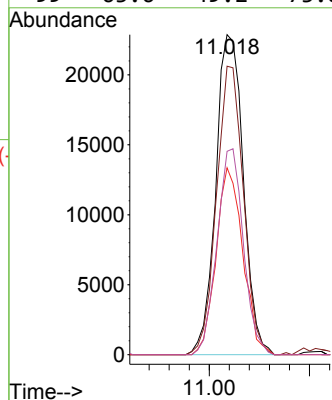


#55
1,1,2-Trichloroethane
Concen: 20.835 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

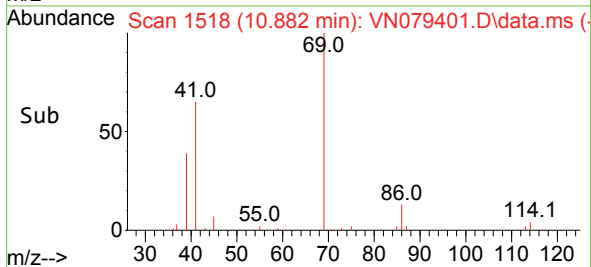
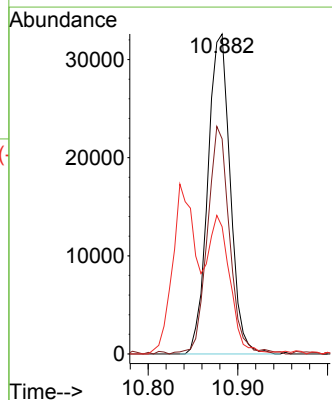
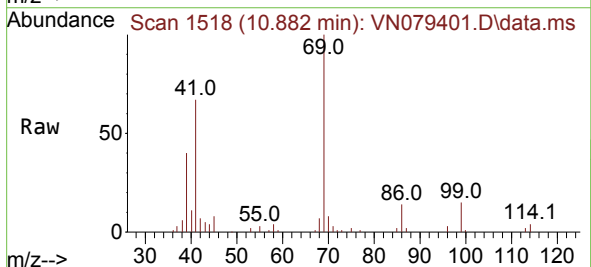


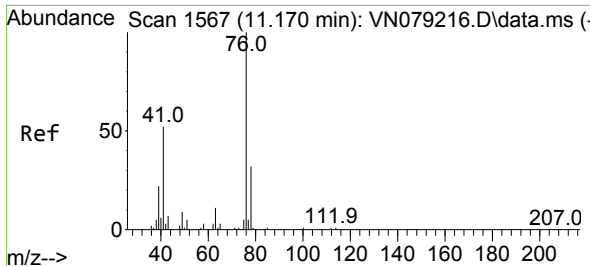
Tgt Ion: 97	Resp: 43598
Ion Ratio	Lower Upper
97 100	
83 90.1	65.1 97.7
85 58.4	43.4 65.2
99 63.6	49.2 73.8



#56
Ethyl methacrylate
Concen: 19.141 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 69	Resp: 56540
Ion Ratio	Lower Upper
69 100	
41 70.6	39.6 59.4#
39 42.2	28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.346 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

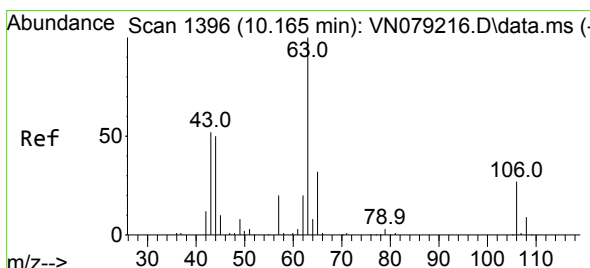
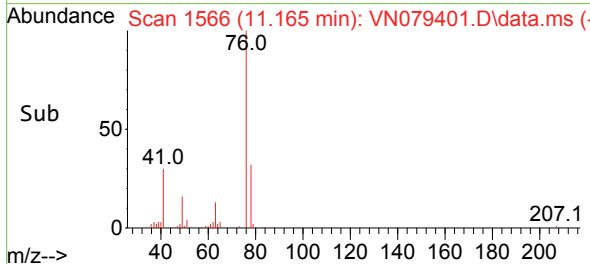
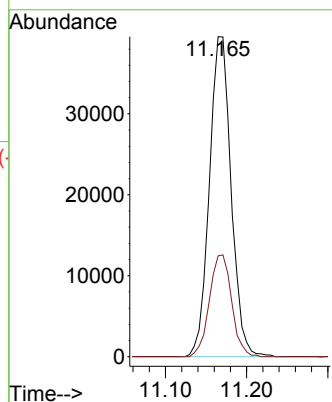
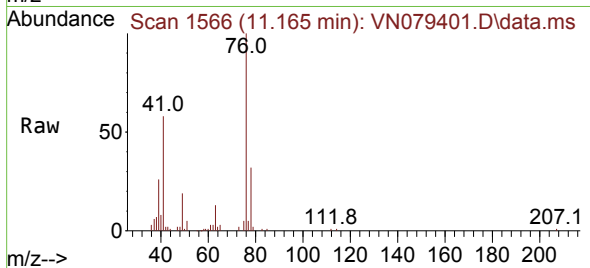
ClientSampleId :

Tgt Ion: 76 Resp: 73599

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.679 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079401.D

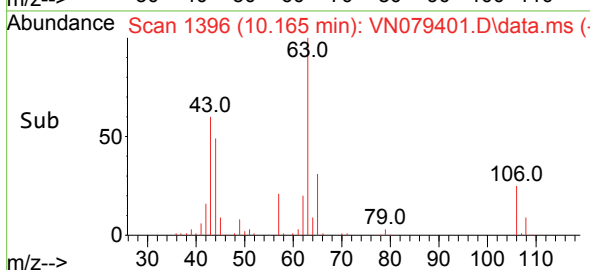
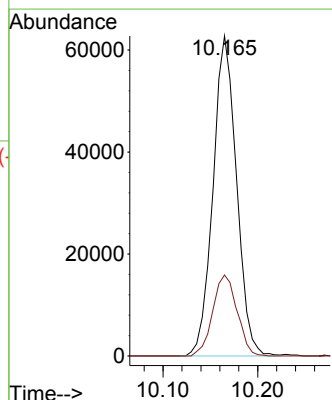
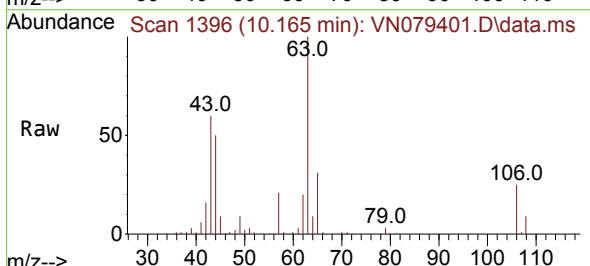
Acq: 04 Oct 2023 14:11

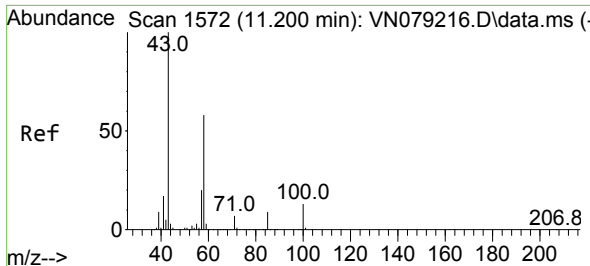
Tgt Ion: 63 Resp: 108321

Ion Ratio Lower Upper

63 100

106 26.2 26.2 39.4#

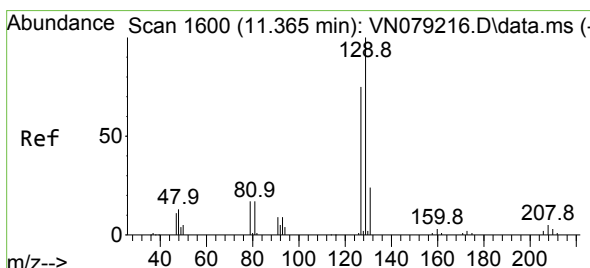
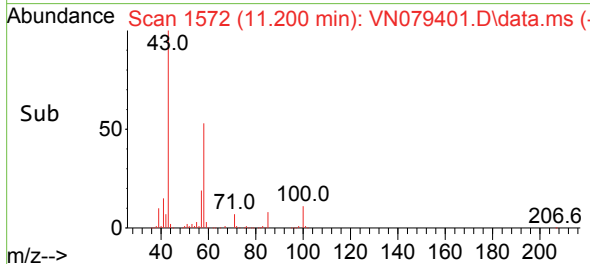
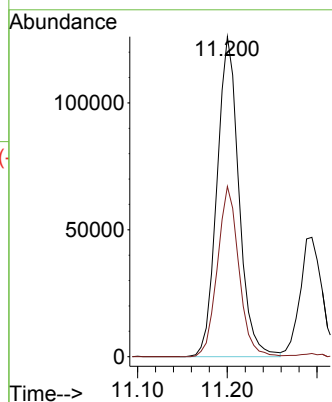
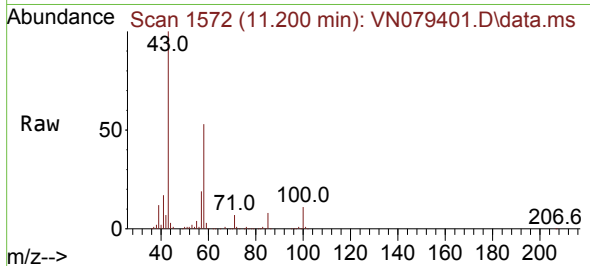




#59
2-Hexanone
Concen: 110.381 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

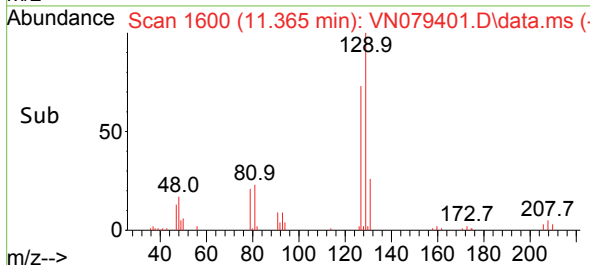
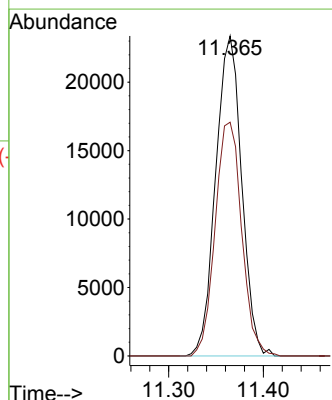
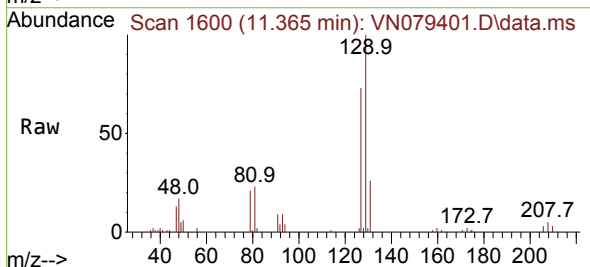
Instrument :
MSVOA_N
ClientSampleId :

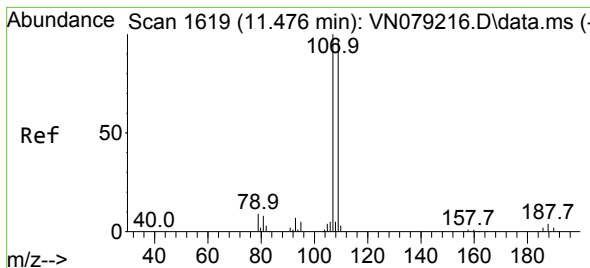
Tgt Ion: 43 Resp: 214105
Ion Ratio Lower Upper
43 100
58 52.1 31.7 95.1



#60
Dibromochloromethane
Concen: 20.001 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:129 Resp: 44543
Ion Ratio Lower Upper
129 100
127 74.6 38.6 116.0

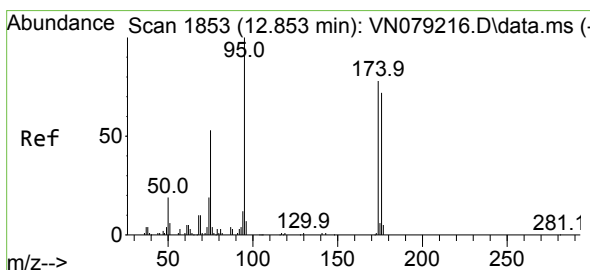
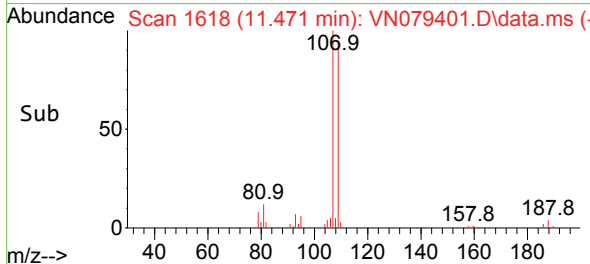
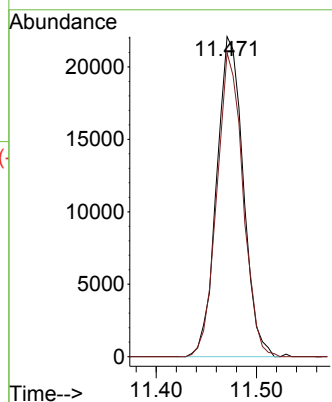
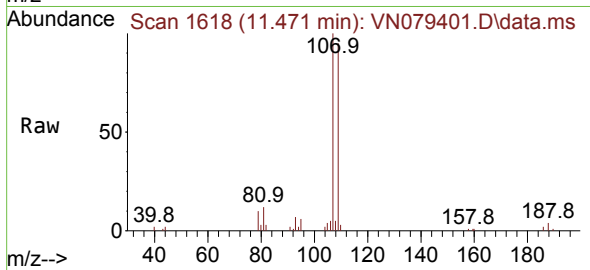




#61
1,2-Dibromoethane
Concen: 19.463 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

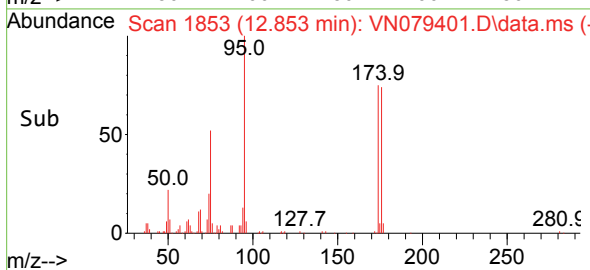
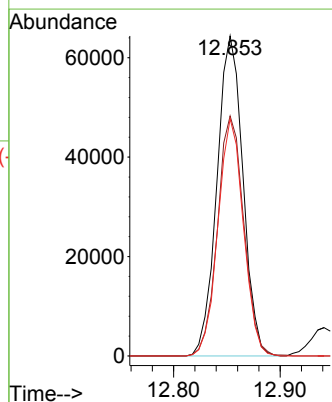
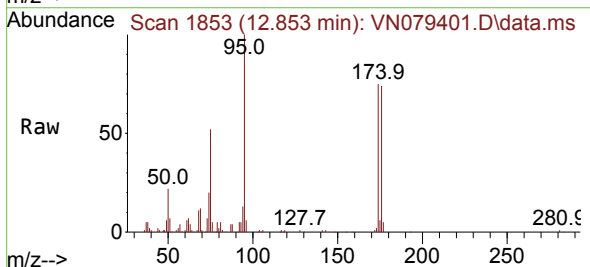
Instrument :
MSVOA_N
ClientSampleId :

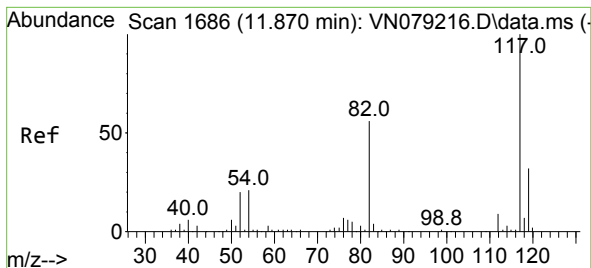
Tgt Ion:107 Resp: 40645
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 95 Resp: 108996
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

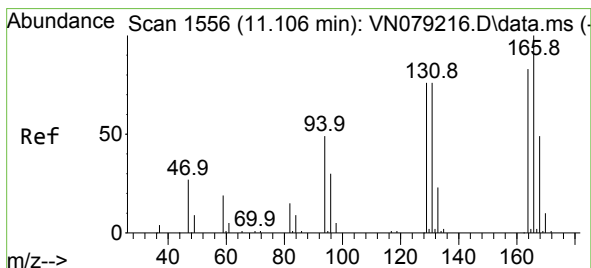
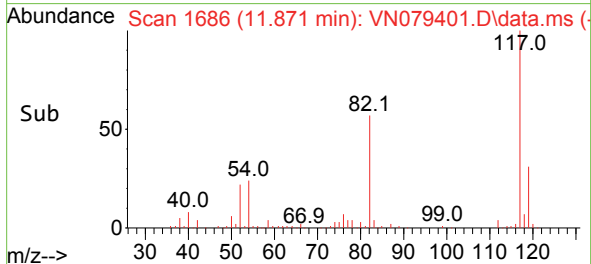
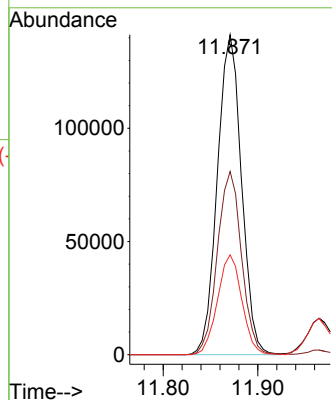
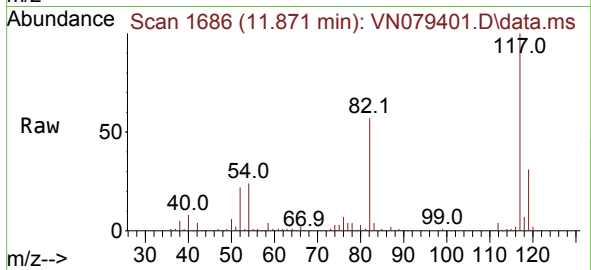
Tgt Ion:117 Resp: 250513

Ion Ratio Lower Upper

117 100

82 57.3 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 17.110 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Tgt Ion:164 Resp: 31255

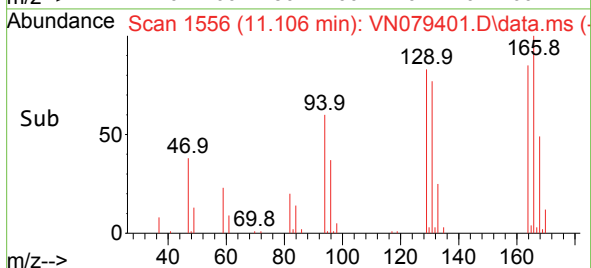
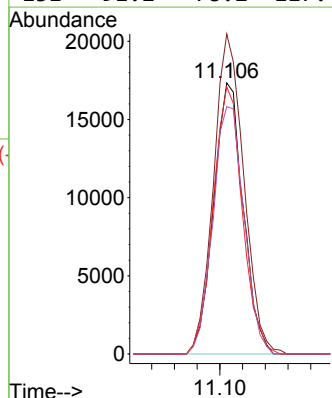
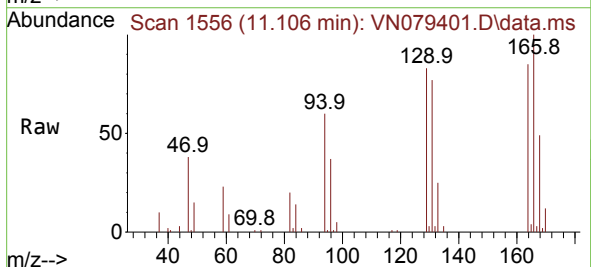
Ion Ratio Lower Upper

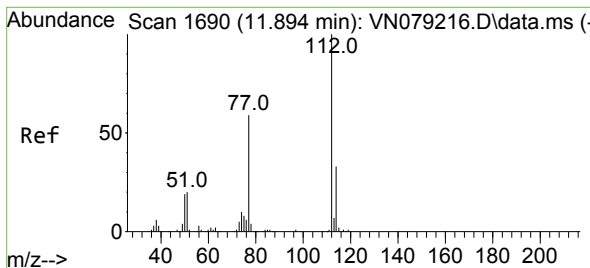
164 100

166 118.0 101.4 152.0

129 98.5 82.4 123.6

131 91.2 78.2 117.4





#65

Chlorobenzene

Concen: 18.251 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

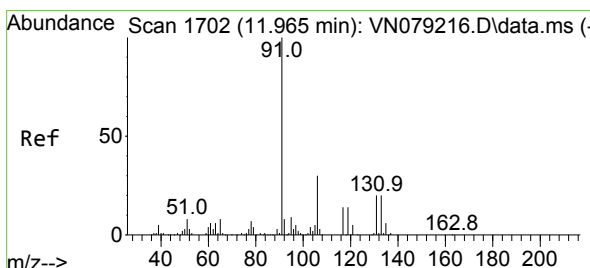
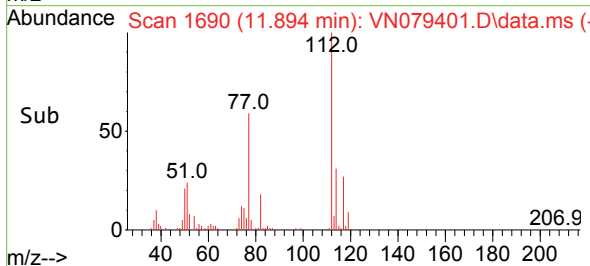
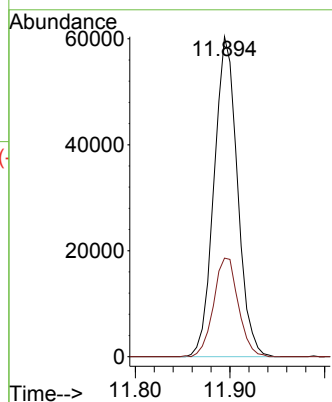
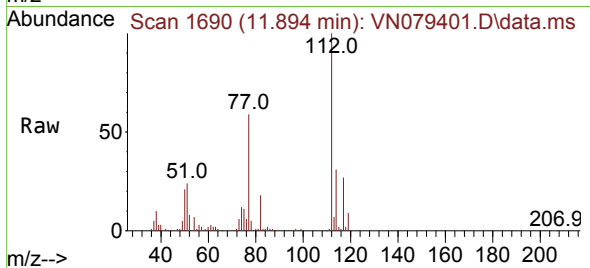
ClientSampleId :

Tgt Ion:112 Resp: 103574

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.987 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

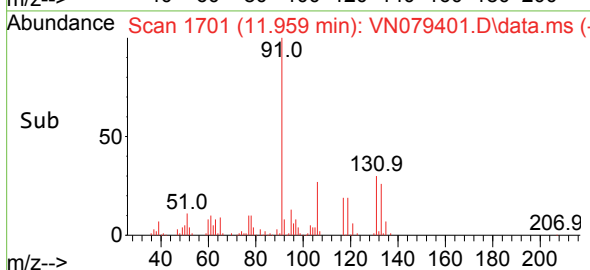
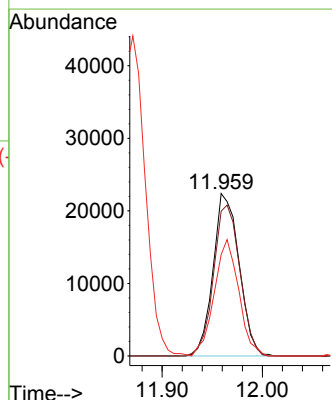
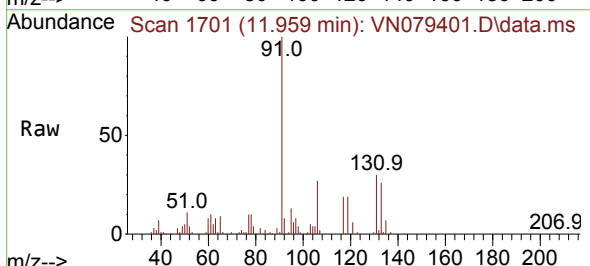
Tgt Ion:131 Resp: 40405

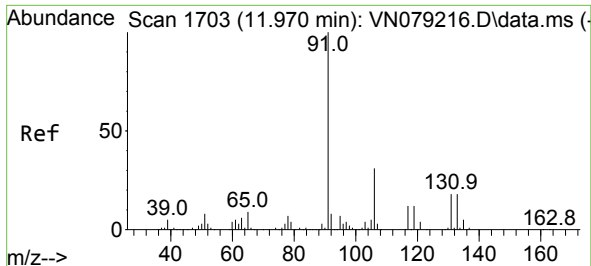
Ion Ratio Lower Upper

131 100

133 93.9 46.4 139.1

119 67.7 34.1 102.2

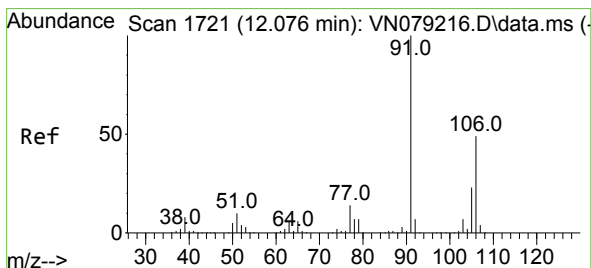
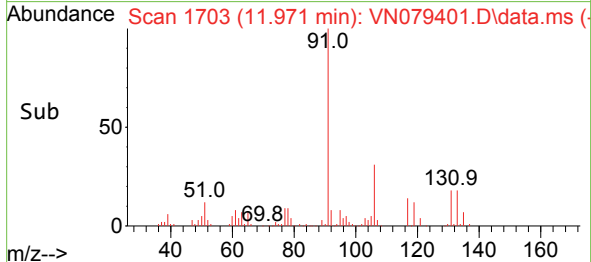
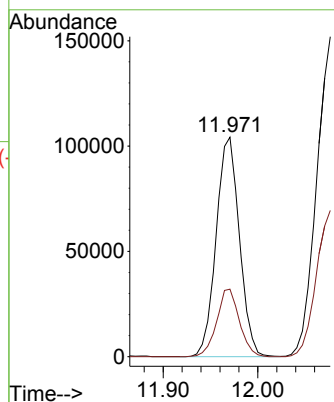
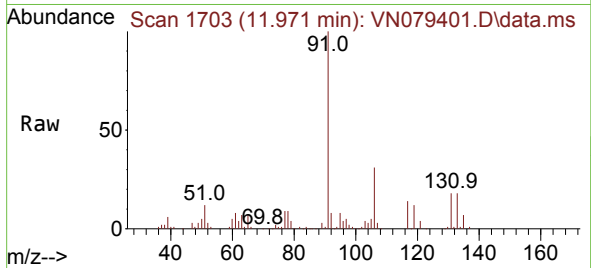




#67
Ethyl Benzene
Concen: 18.330 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

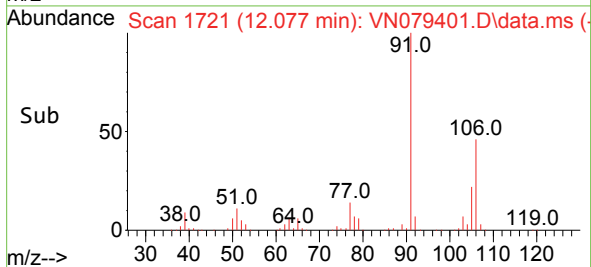
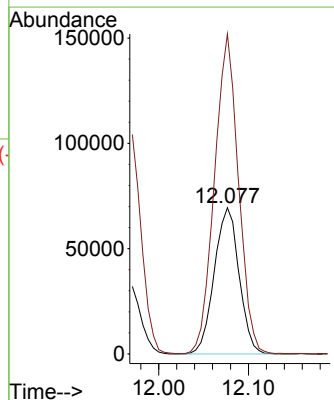
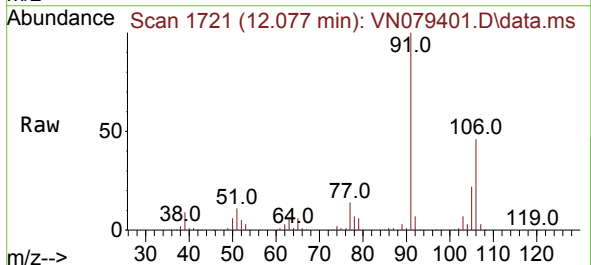
Instrument :
MSVOA_N
ClientSampleId :

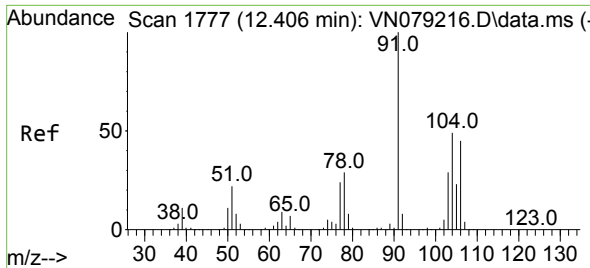
Tgt Ion: 91 Resp: 177934
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 36.809 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:106 Resp: 133183
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

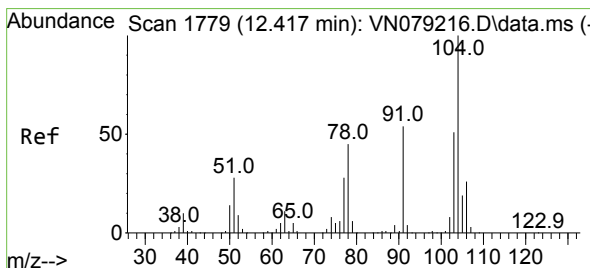
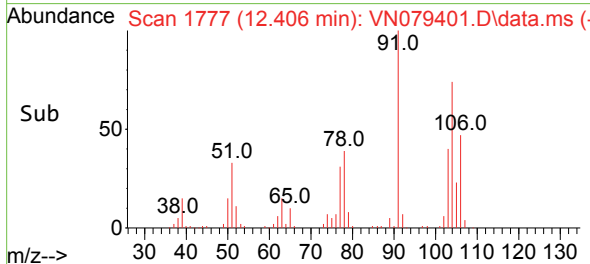
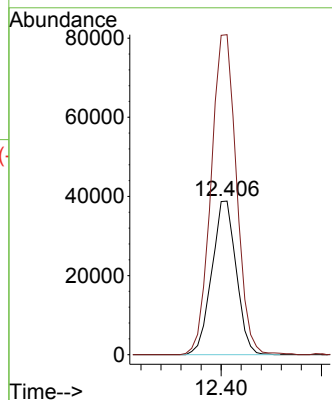
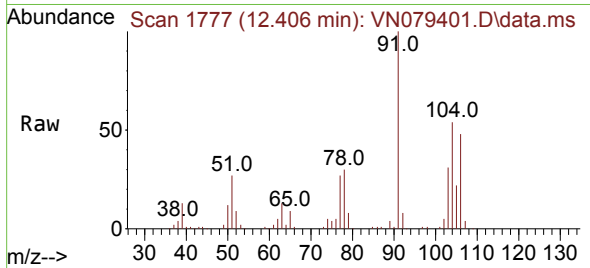




#69
o-Xylene
Concen: 18.920 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

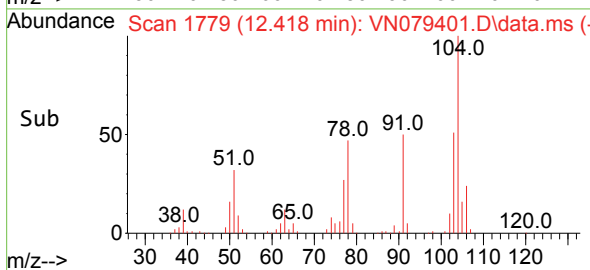
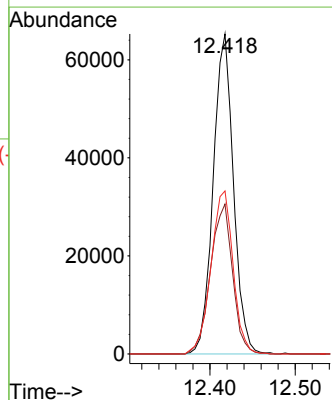
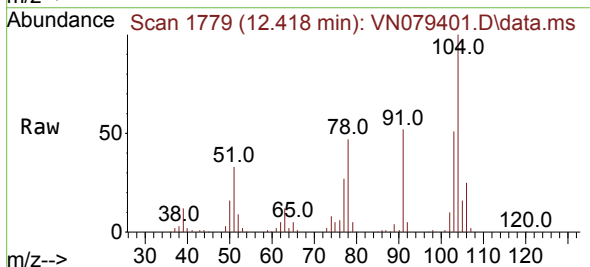
Instrument :
MSVOA_N
ClientSampleId :

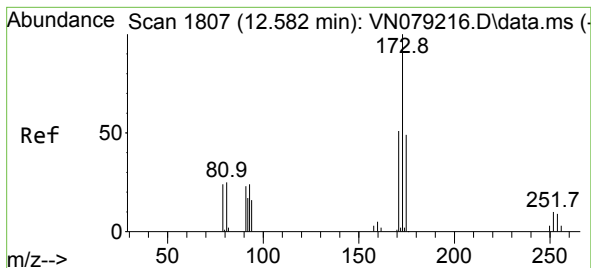
Tgt Ion:106 Resp: 65653
Ion Ratio Lower Upper
106 100
91 217.0 105.2 315.5



#70
Styrene
Concen: 19.319 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:104 Resp: 107817
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 18.667 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

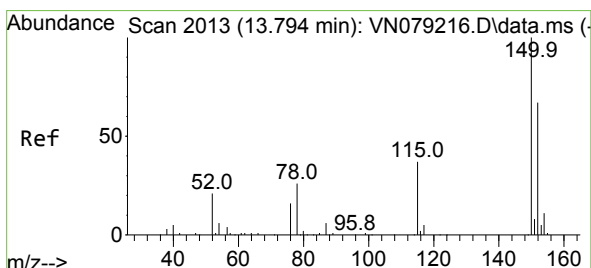
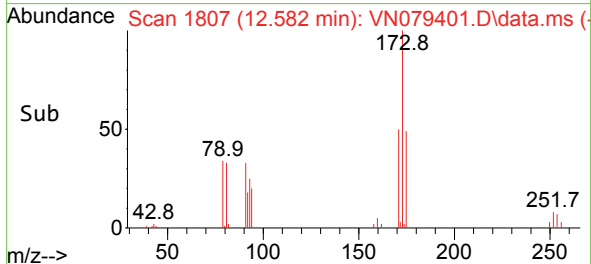
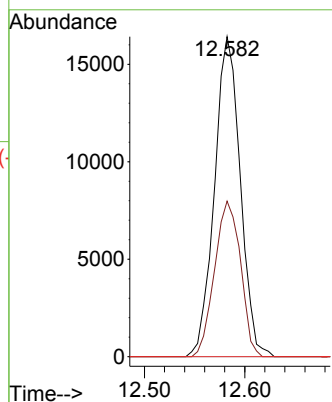
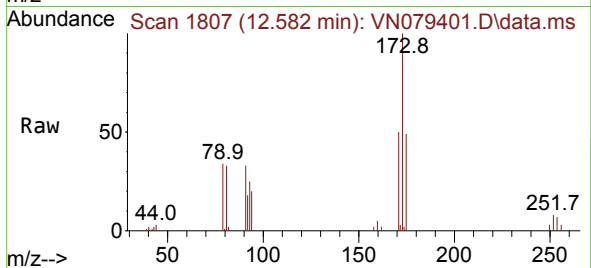
Tgt Ion:173 Resp: 29326

Ion Ratio Lower Upper

173 100

175 48.8 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: VN079401.D

Acq: 04 Oct 2023 14:11

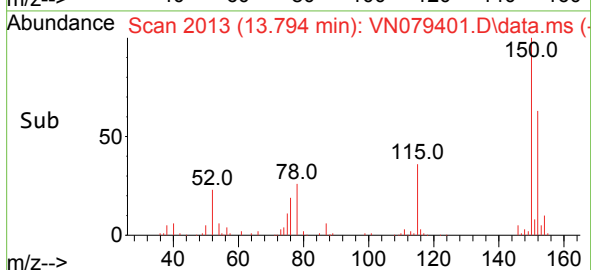
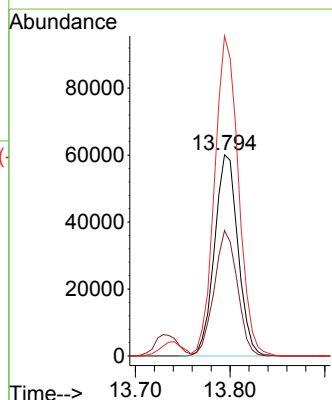
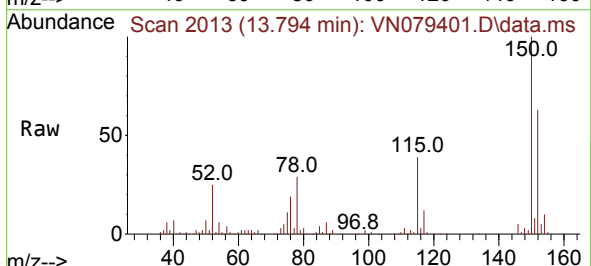
Tgt Ion:152 Resp: 103433

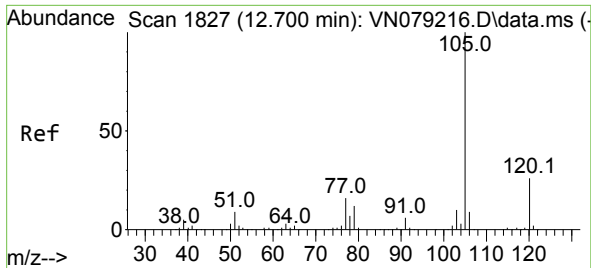
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 161.7 0.0 355.8

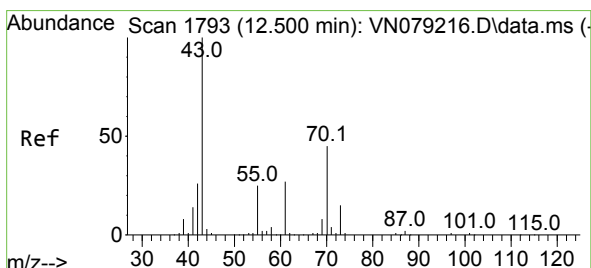
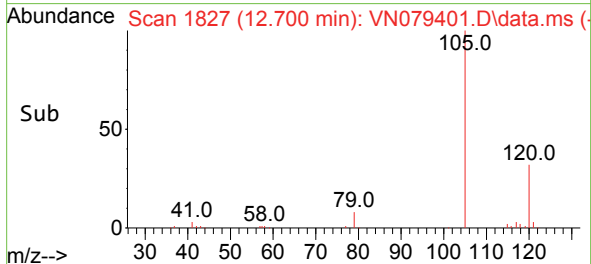
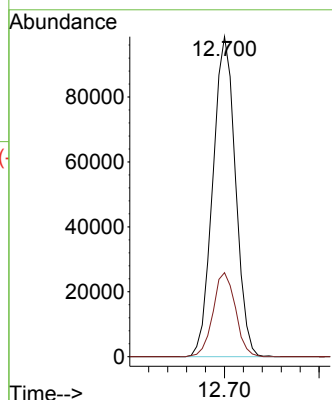
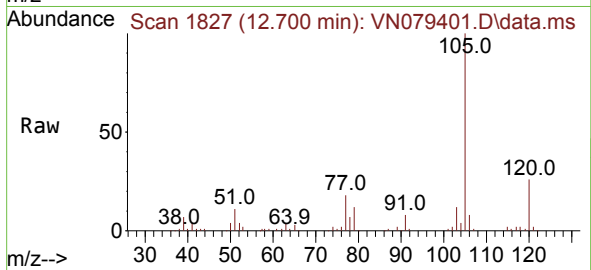




#73
Isopropylbenzene
Concen: 17.396 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

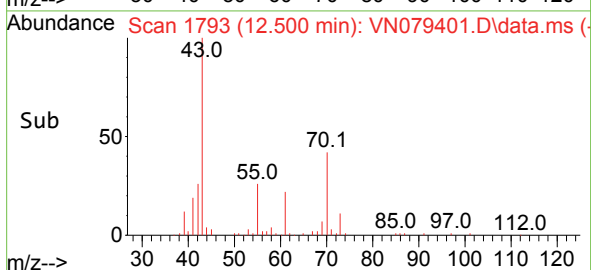
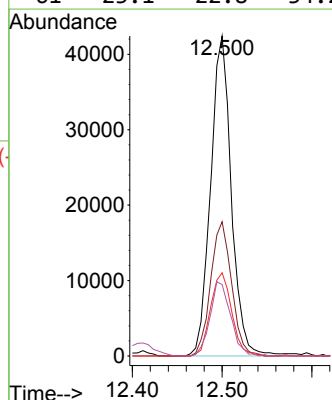
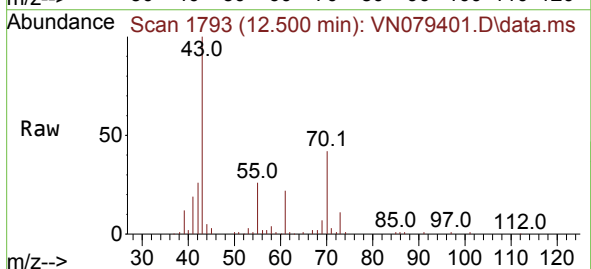
Instrument :
MSVOA_N
ClientSampleId :

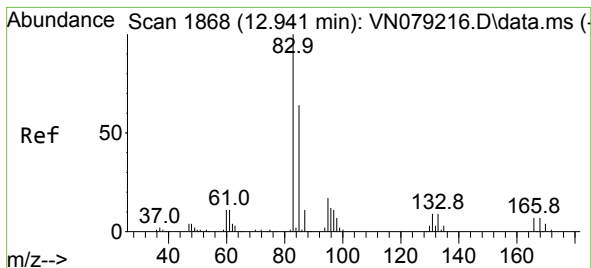
Tgt Ion:105 Resp: 163710
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 19.049 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 43 Resp: 68011
Ion Ratio Lower Upper
43 100
70 42.3 43.4 65.2#
55 26.6 21.4 32.0
61 23.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.770 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

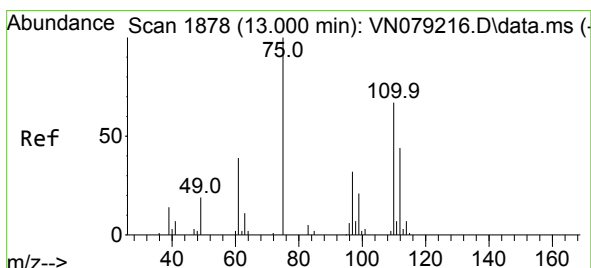
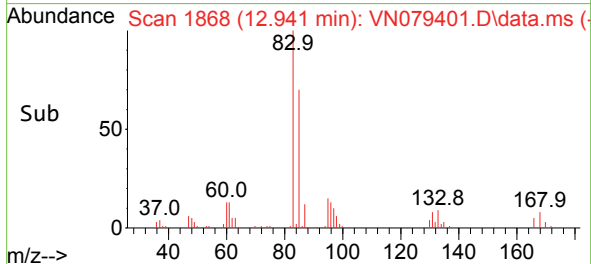
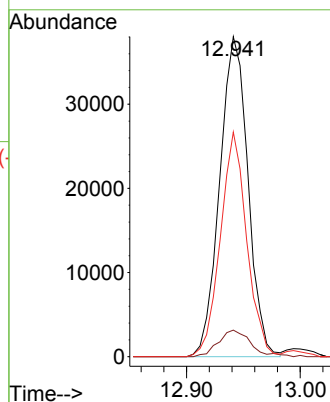
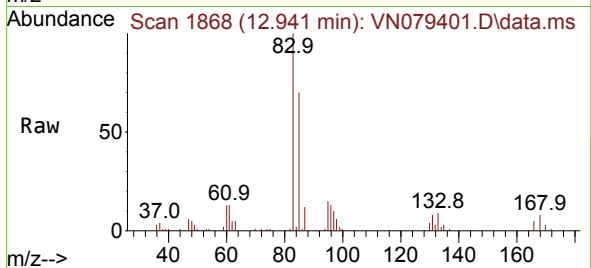
Tgt Ion: 83 Resp: 65775

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 65.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.983 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079401.D

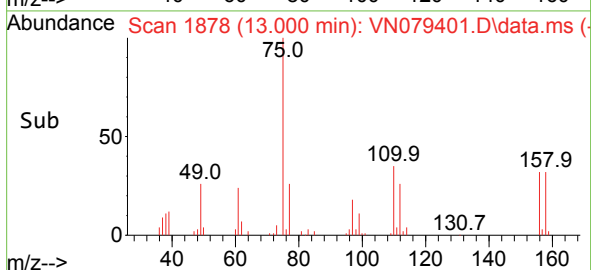
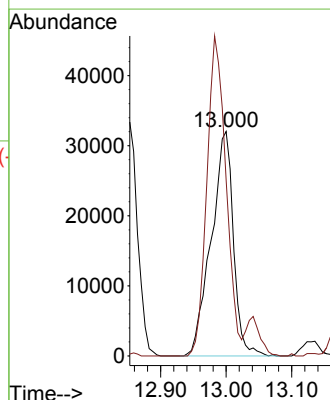
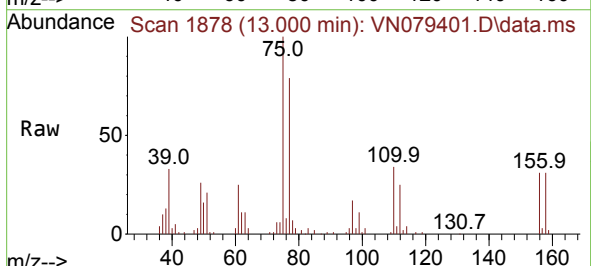
Acq: 04 Oct 2023 14:11

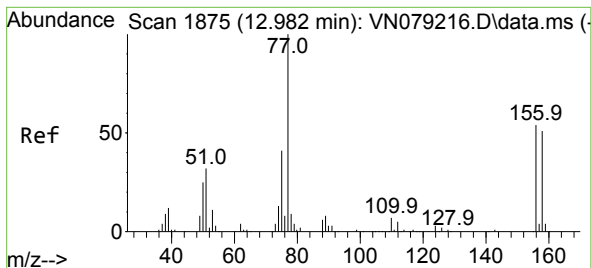
Tgt Ion: 75 Resp: 75219

Ion Ratio Lower Upper

75 100

77 123.2 84.5 253.5





#77

Bromobenzene

Concen: 16.868 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079401.D

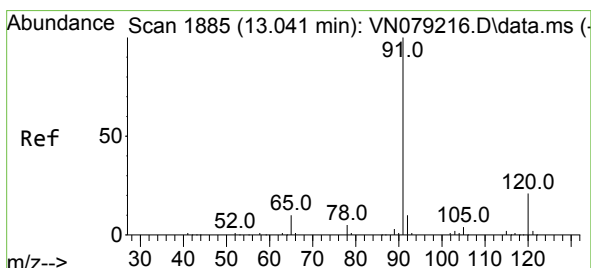
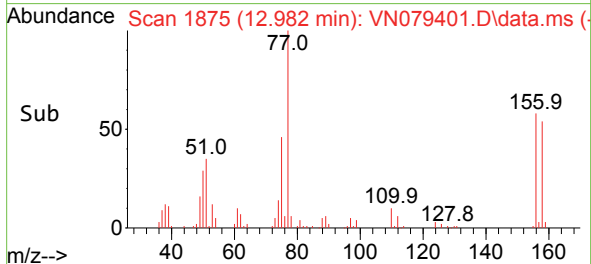
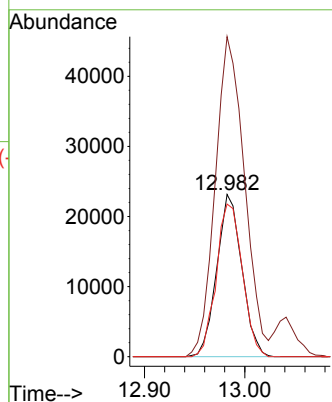
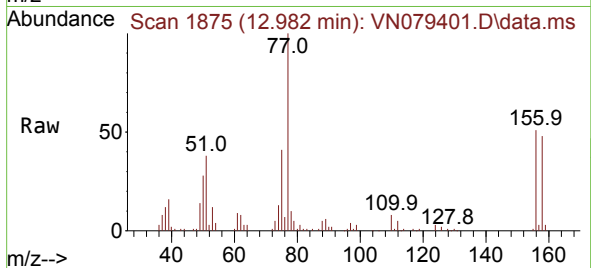
Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	40195
Ion Ratio	Lower	Upper	
156	100		
77	230.5	107.7	323.3
158	98.0	48.4	145.3



#78

n-propylbenzene

Concen: 18.826 ug/l

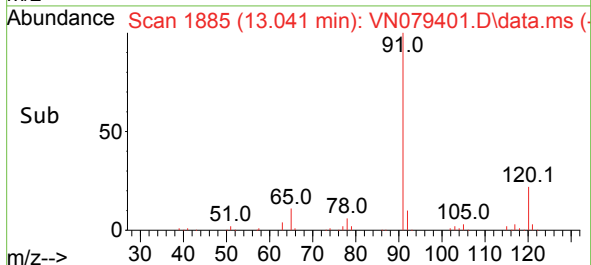
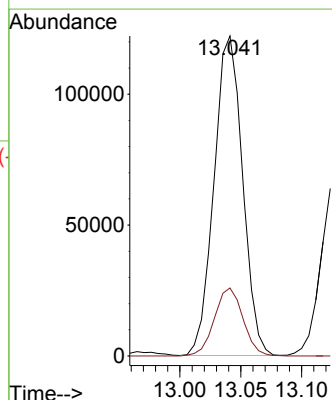
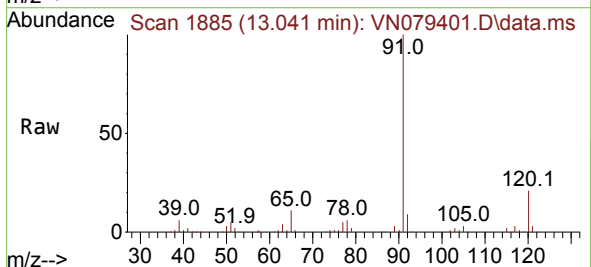
RT: 13.041 min Scan# 1885

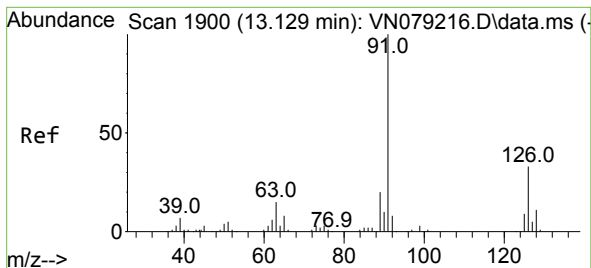
Delta R.T. 0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Tgt Ion:	91	Resp:	199014
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 17.625 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

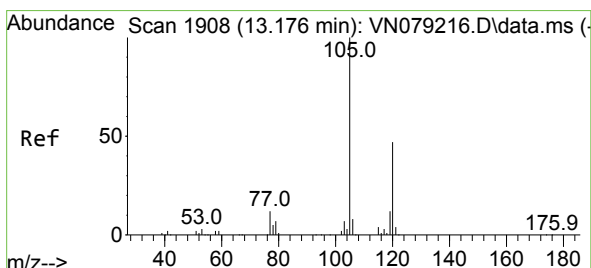
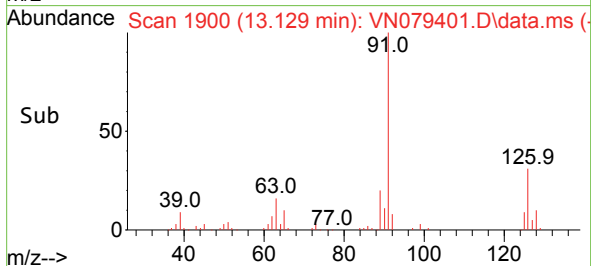
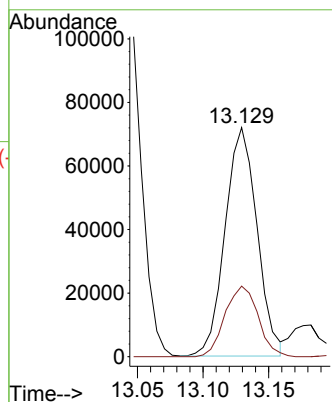
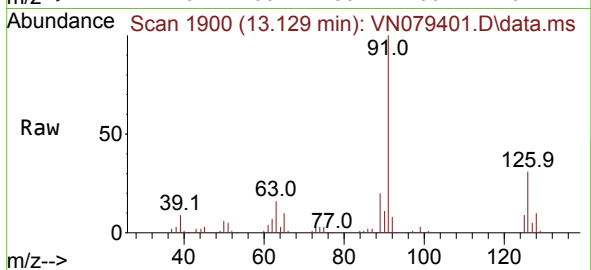
ClientSampleId :

Tgt Ion: 91 Resp: 121862

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.187 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079401.D

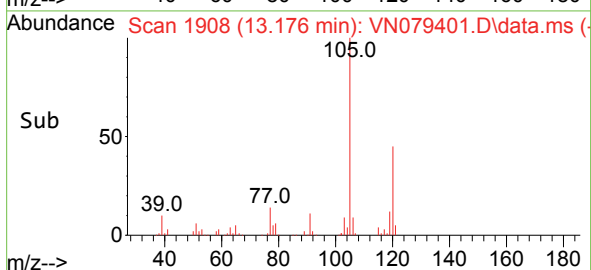
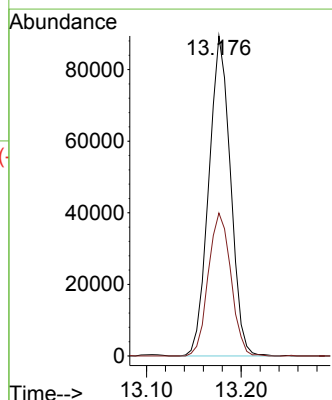
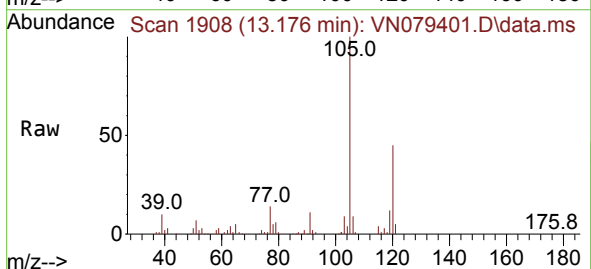
Acq: 04 Oct 2023 14:11

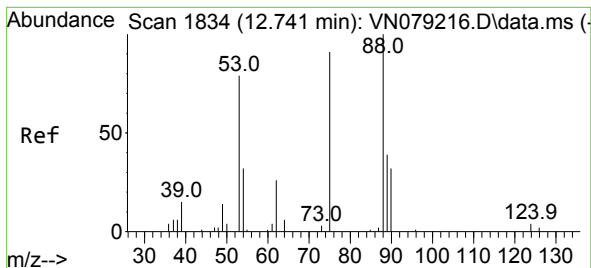
Tgt Ion:105 Resp: 142613

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

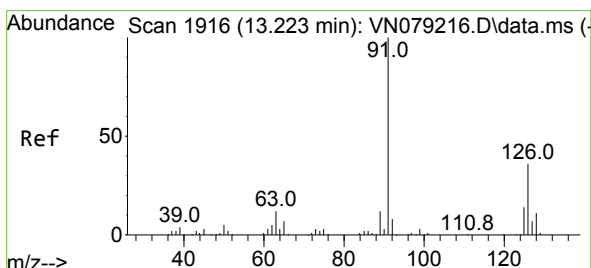
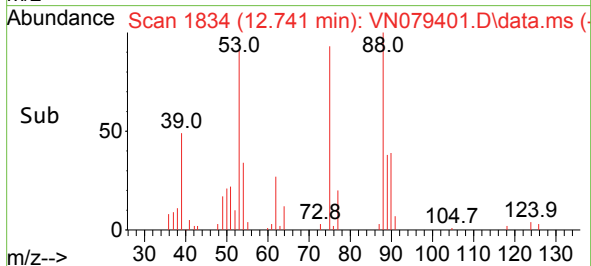
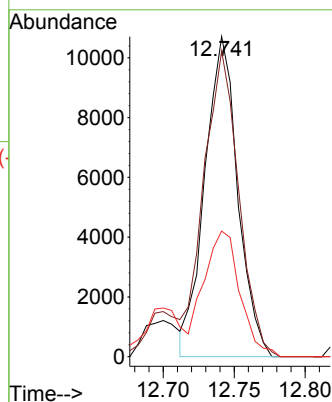
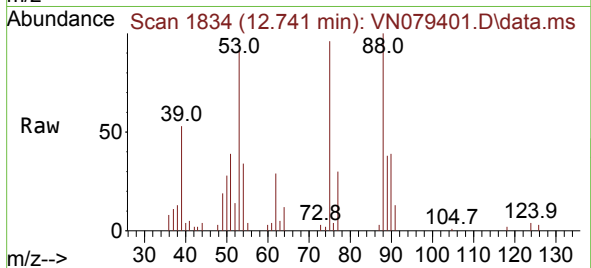




#81
trans-1,4-Dichloro-2-butene
Concen: 17.019 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

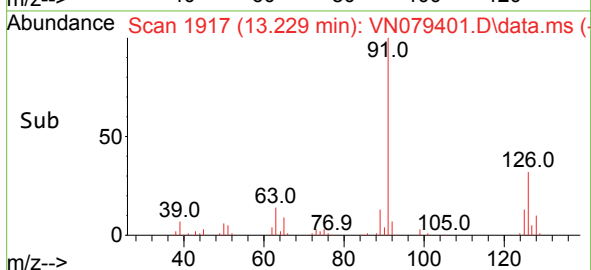
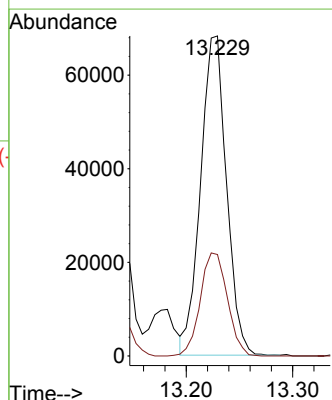
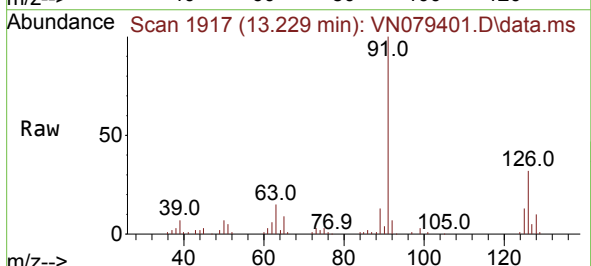
Instrument :
MSVOA_N
ClientSampleId :

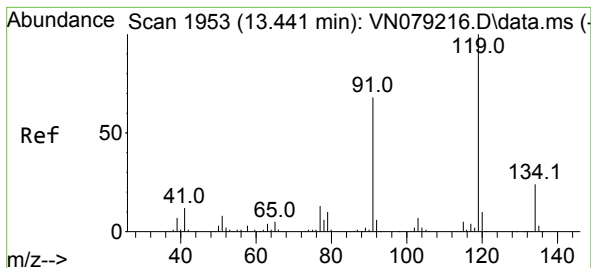
Tgt Ion: 75 Resp: 17257
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2#
89 42.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.728 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion: 91 Resp: 115176
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

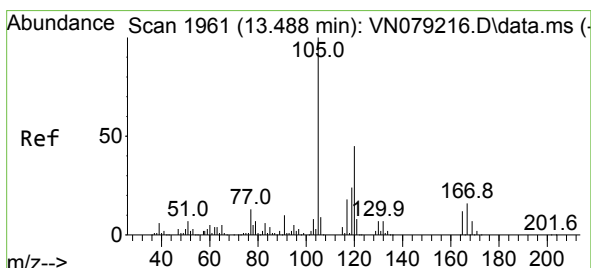
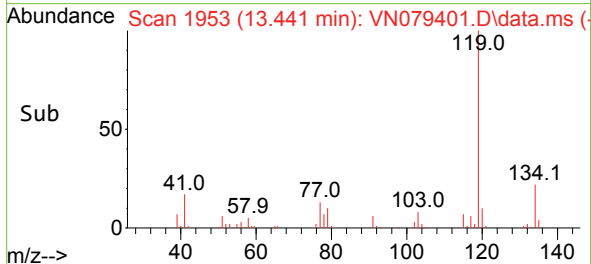
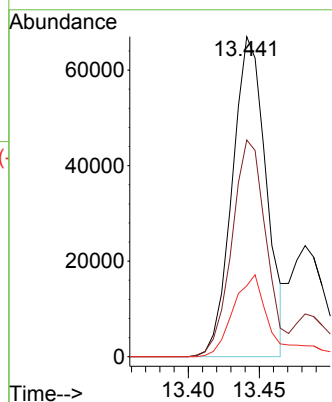
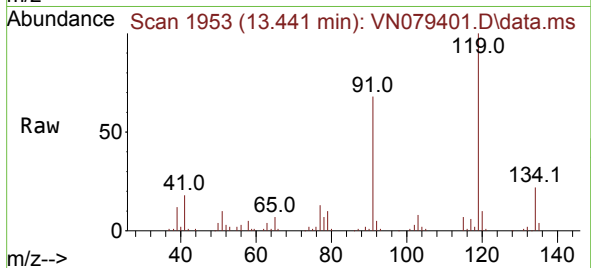




#83
tert-Butylbenzene
Concen: 17.130 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

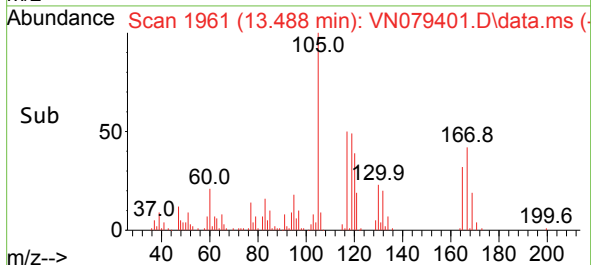
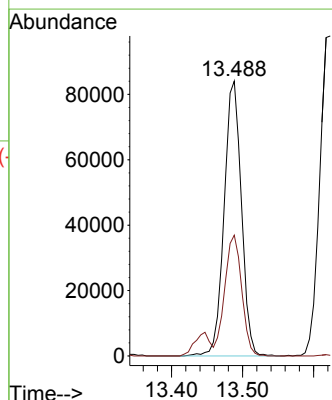
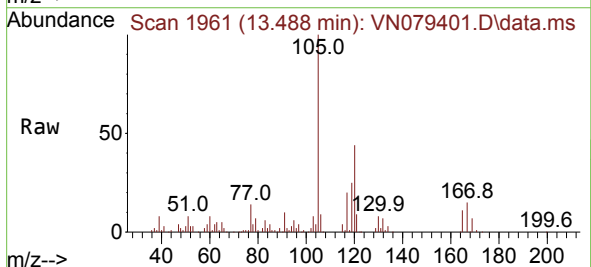
Instrument :
MSVOA_N
ClientSampleId :

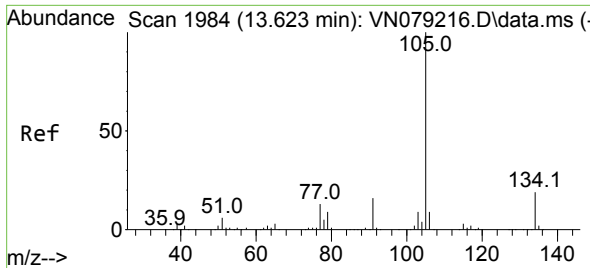
Tgt Ion:119 Resp: 111117
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 28.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.956 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

Tgt Ion:105 Resp: 141555
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0

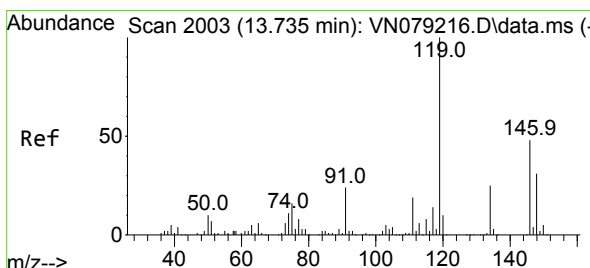
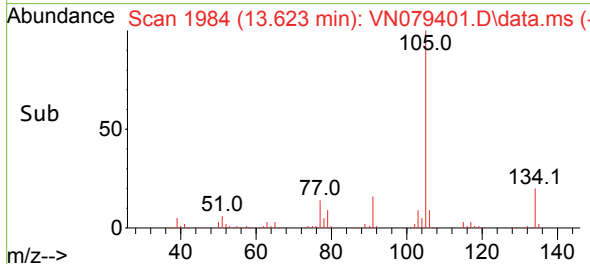
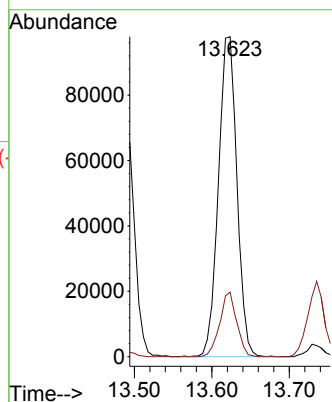
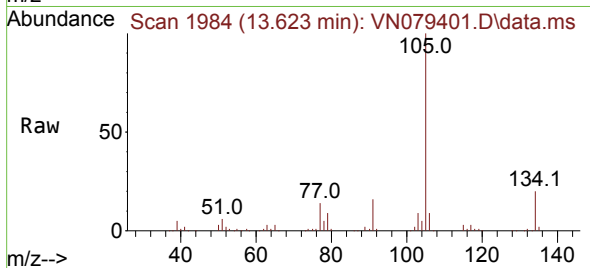




#85
 sec-Butylbenzene
 Concen: 18.188 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

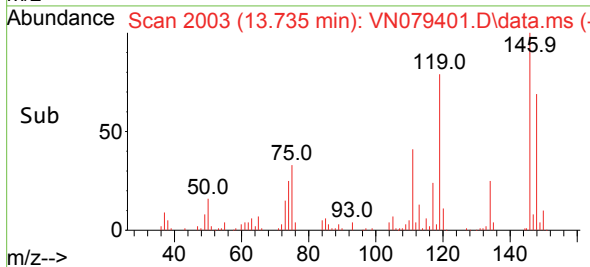
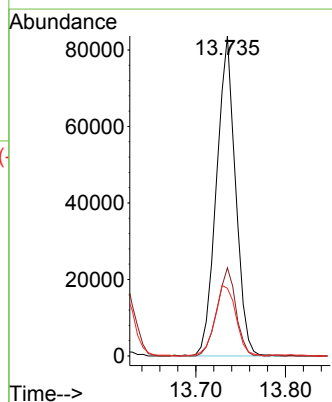
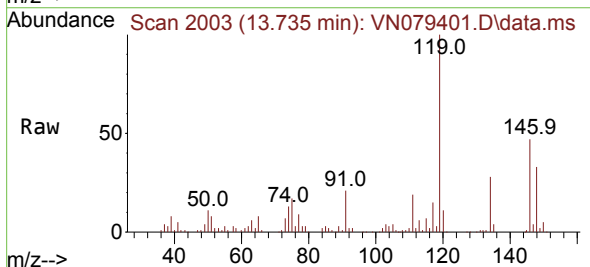
Instrument :
 MSVOA_N
 ClientSampleId :

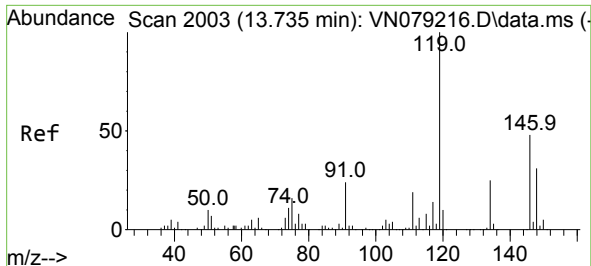
Tgt Ion:105 Resp: 162427
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.240 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

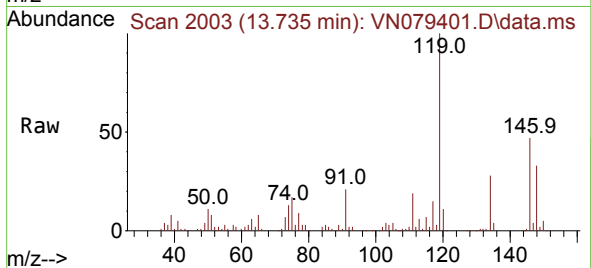
Tgt Ion:119 Resp: 122999
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.6 37.8
 91 24.6 12.4 37.2



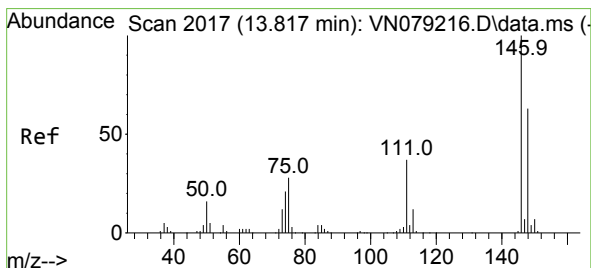
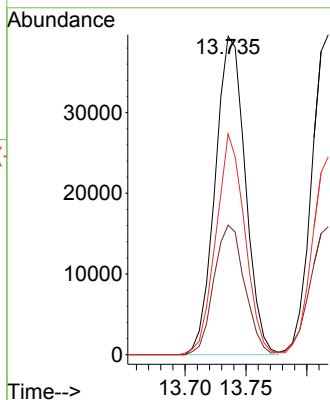
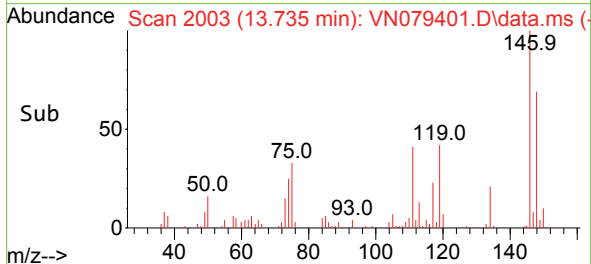


#87
1,3-Dichlorobenzene
Concen: 17.412 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

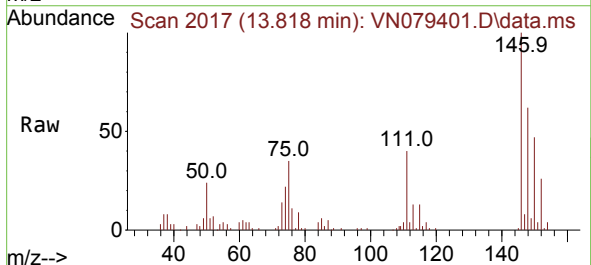
Instrument :
MSVOA_N
ClientSampleId :



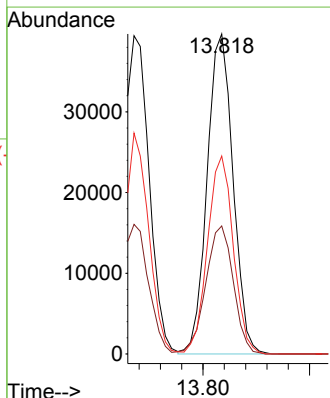
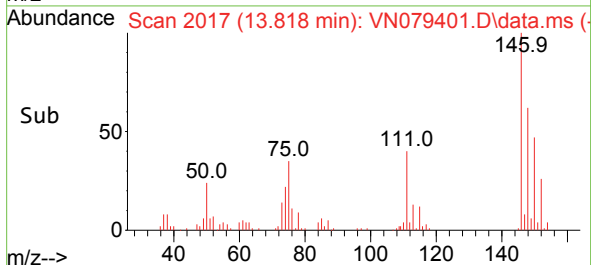
Tgt Ion:146 Resp: 68050
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 66.6 32.0 96.0

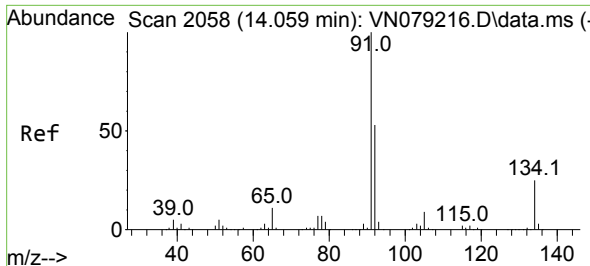


#88
1,4-Dichlorobenzene
Concen: 16.951 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11



Tgt Ion:146 Resp: 66944
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 61.5 31.6 94.8

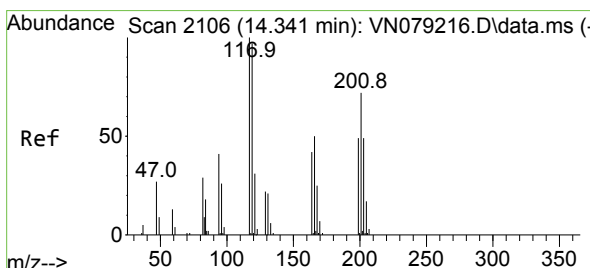
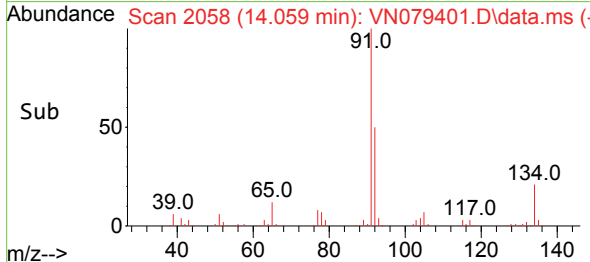
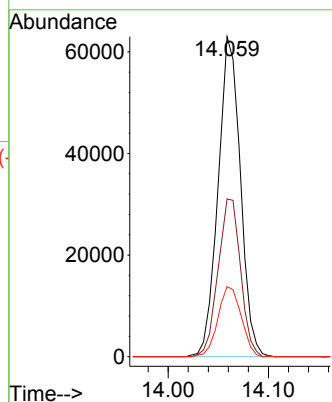
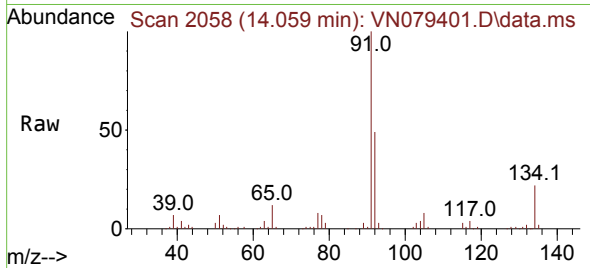




#89
n-Butylbenzene
Concen: 17.331 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

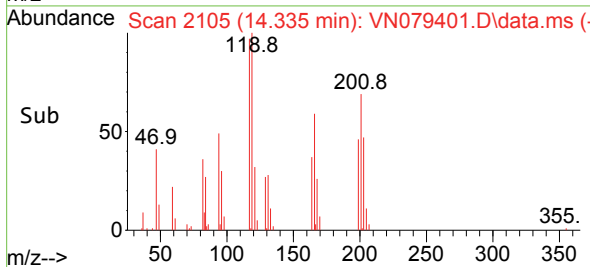
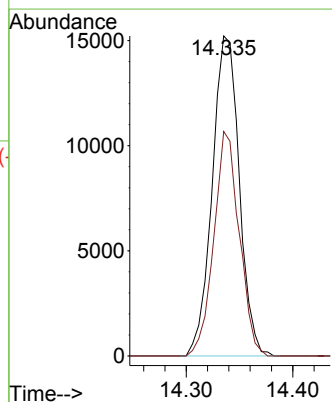
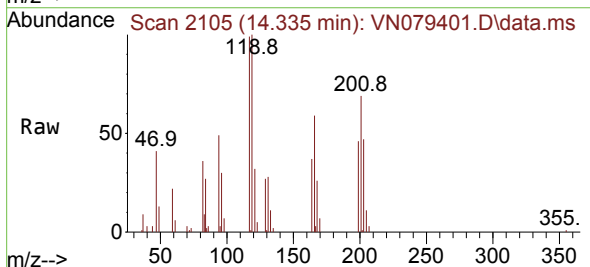
Instrument :
MSVOA_N
ClientSampleId :

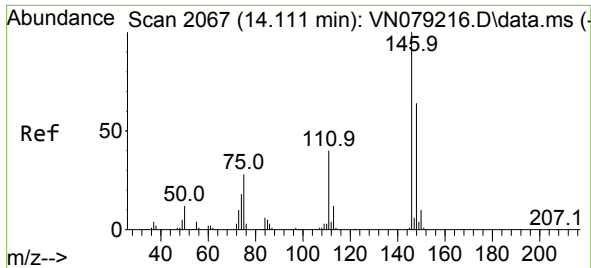
Tgt Ion: 91 Resp: 97236
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 22.8 12.6 37.6



#90
Hexachloroethane
Concen: 18.510 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079401.D
Acq: 04 Oct 2023 14:11

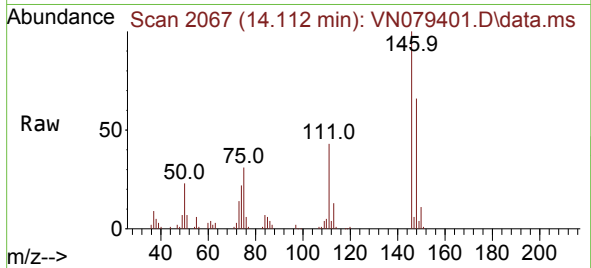
Tgt Ion: 117 Resp: 26819
Ion Ratio Lower Upper
117 100
201 65.9 29.3 88.0



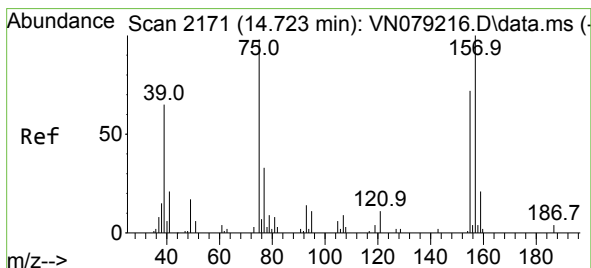
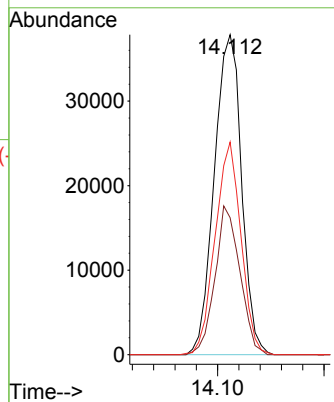
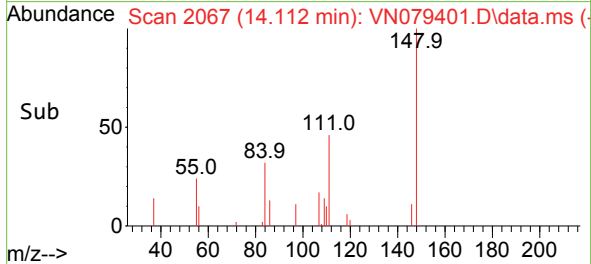


#91
 1,2-Dichlorobenzene
 Concen: 17.413 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

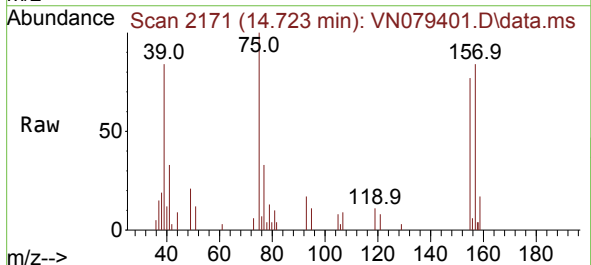
Instrument :
 MSVOA_N
 ClientSampleId :



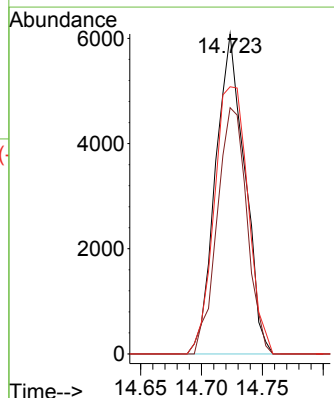
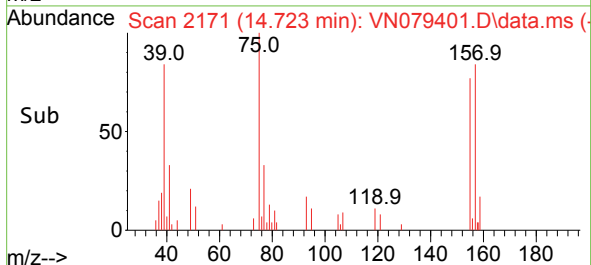
Tgt Ion:146 Resp: 67185
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 63.1 31.8 95.3

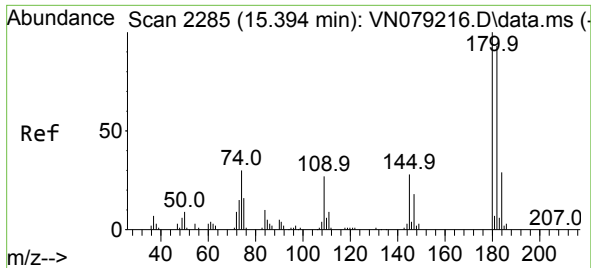


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.037 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11



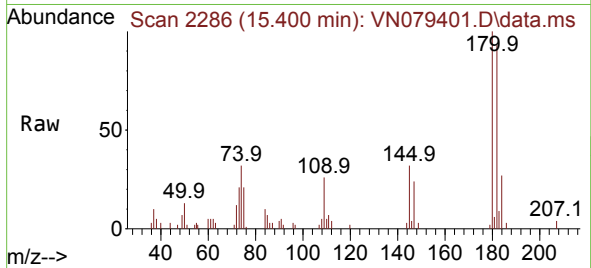
Tgt Ion: 75 Resp: 10141
 Ion Ratio Lower Upper
 75 100
 155 78.2 39.1 117.2
 157 96.5 50.3 150.9



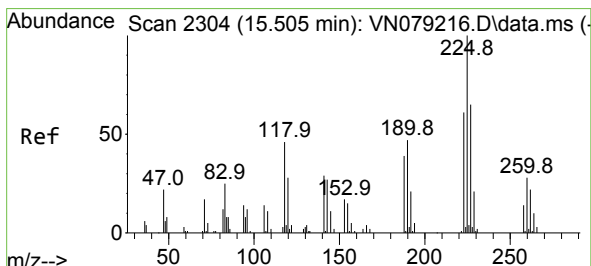
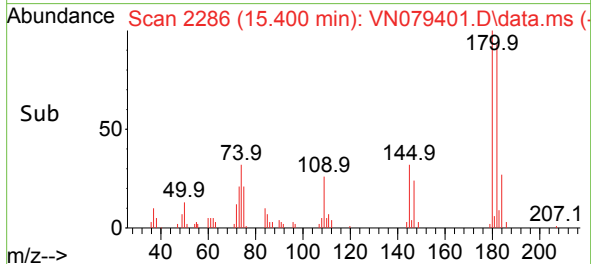
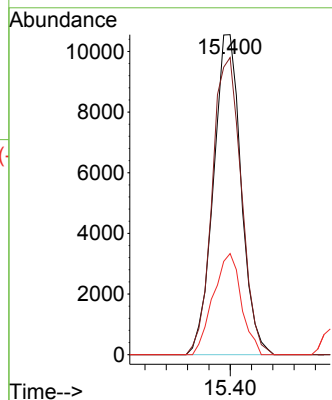


#93
 1,2,4-Trichlorobenzene
 Concen: 13.717 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Instrument :
 MSVOA_N
 ClientSampleId :

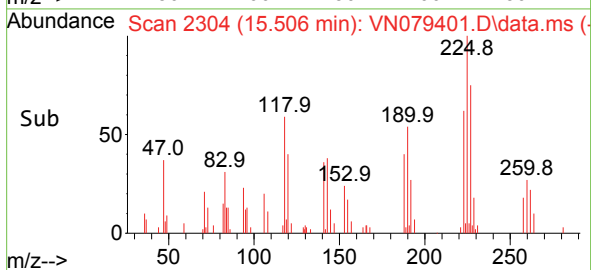
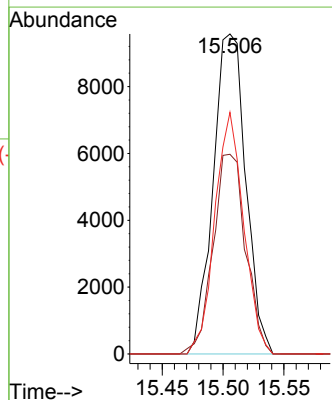
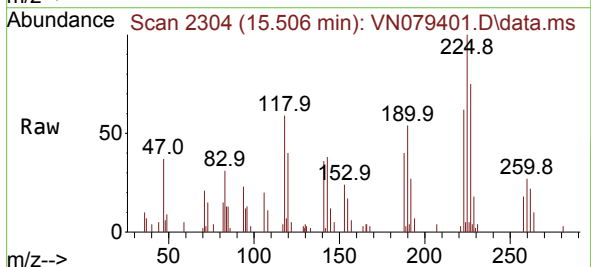


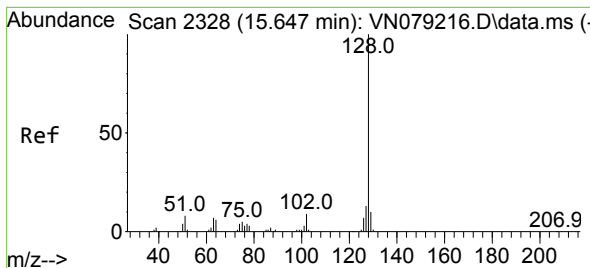
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.1	138.2
145	32.1	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 16.426 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079401.D
 Acq: 04 Oct 2023 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	66.4	31.9	95.9





#95

Naphthalene

Concen: 11.385 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079401.D

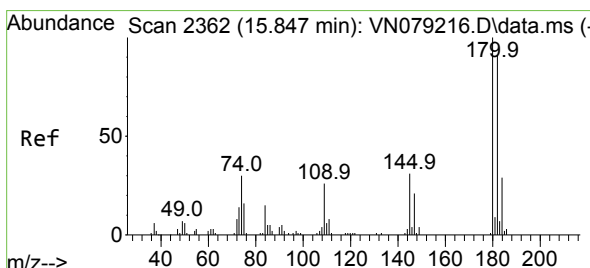
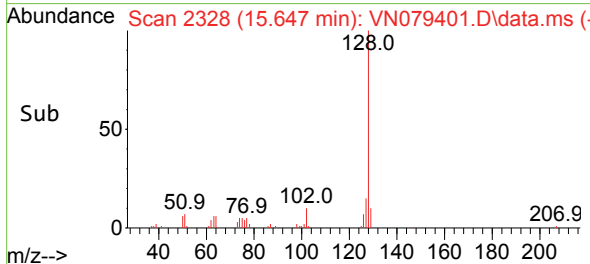
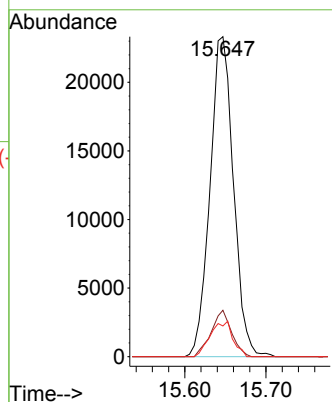
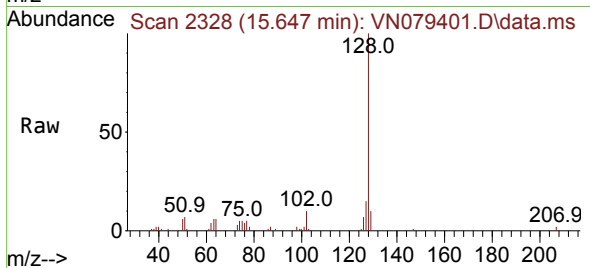
Acq: 04 Oct 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	46882
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.0 15.0
129	10.6	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.615 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079401.D

Acq: 04 Oct 2023 14:11

Tgt Ion:180	Resp:	22268
Ion Ratio	Lower	Upper
180	100	
182	92.5	46.2 138.6
145	33.6	17.5 52.6

