

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079772.D
 Acq On : 01 Nov 2023 15:32
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	282064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	443546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219828	51.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.300%	
35) Dibromofluoromethane	8.171	113	176475	50.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	10.571	98	656567	51.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.853	95	219429	51.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69258	20.385	ug/l	98
3) Chloromethane	2.359	50	79059	17.840	ug/l	98
4) Vinyl Chloride	2.512	62	83448	18.764	ug/l	94
5) Bromomethane	2.954	94	58271	21.564	ug/l	98
6) Chloroethane	3.118	64	60379	17.182	ug/l	98
7) Trichlorofluoromethane	3.495	101	107789	19.486	ug/l	98
8) Diethyl Ether	3.959	74	42581	20.285	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	63953	19.944	ug/l	100
10) Methyl Iodide	4.595	142	71298	19.471	ug/l	93
11) Tert butyl alcohol	5.518	59	52381	95.486	ug/l	100
12) 1,1-Dichloroethene	4.342	96	59635	19.642	ug/l #	81
13) Acrolein	4.177	56	44555	92.889	ug/l	93
14) Allyl chloride	5.030	41	91172	19.606	ug/l	93
15) Acrylonitrile	5.718	53	174709	102.196	ug/l	100
16) Acetone	4.424	43	146322	96.935	ug/l	92
17) Carbon Disulfide	4.718	76	161834	18.479	ug/l	98
18) Methyl Acetate	5.024	43	142537	19.737	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	211738	20.256	ug/l	95
20) Methylene Chloride	5.283	84	73070	19.184	ug/l #	93
21) trans-1,2-Dichloroethene	5.789	96	68318	20.176	ug/l	89
22) Diisopropyl ether	6.677	45	224643	20.846	ug/l #	92
23) Vinyl Acetate	6.606	43	598811	100.738	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	129137	19.716	ug/l	98
25) 2-Butanone	7.483	43	227617	102.974	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	103252	19.061	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	78492	19.379	ug/l	89
28) Bromochloromethane	7.812	49	63608	19.927	ug/l	82
29) Tetrahydrofuran	7.841	42	149539	103.982	ug/l #	78
30) Chloroform	7.971	83	136091	19.128	ug/l	93
31) Cyclohexane	8.265	56	106778	18.804	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	113890	19.646	ug/l	97
36) 1,1-Dichloropropene	8.377	75	98249	19.745	ug/l	95
37) Ethyl Acetate	7.565	43	92438	20.256	ug/l #	93
38) Carbon Tetrachloride	8.365	117	96453	19.234	ug/l	98
39) Methylcyclohexane	9.600	83	90652	19.358	ug/l #	89
40) Benzene	8.606	78	293295	19.679	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	47848	19.745	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	106436	20.445	ug/l	100
43) Isopropyl Acetate	8.694	43	153977	19.240	ug/l #	93
44) Trichloroethene	9.353	130	71094	19.224	ug/l	98
45) 1,2-Dichloropropane	9.624	63	77025	20.223	ug/l	97
46) Dibromomethane	9.712	93	53119	20.425	ug/l	94
47) Bromodichloromethane	9.888	83	107596	19.399	ug/l	98
48) Methyl methacrylate	9.682	41	71221	20.317	ug/l #	82
49) 1,4-Dioxane	9.694	88	27217	439.403	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	478464	106.192	ug/l	90
52) Toluene	10.635	92	177935	20.139	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	110590	20.340	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	121426	20.489	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73314	20.630	ug/l	94
56) Ethyl methacrylate	10.877	69	105646	20.841	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	127548	20.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	276664	107.684	ug/l	90
59) 2-Hexanone	11.200	43	355215	103.056	ug/l	89
60) Dibromochloromethane	11.365	129	75993	19.977	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71556	20.061	ug/l	98
64) Tetrachloroethene	11.106	164	58609	20.402	ug/l	88
65) Chlorobenzene	11.894	112	189703	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	68270	19.694	ug/l	97
67) Ethyl Benzene	11.965	91	329280	19.643	ug/l	93
68) m/p-Xylenes	12.071	106	251030	40.201	ug/l	96
69) o-Xylene	12.400	106	121043	20.130	ug/l	96
70) Styrene	12.418	104	198934	20.586	ug/l	97
71) Bromoform	12.582	173	51380	20.874	ug/l #	99
73) Isopropylbenzene	12.700	105	304555	20.050	ug/l	99
74) N-amyl acetate	12.500	43	128674	19.408	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	105217	19.537	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129785	27.621	ug/l	69
77) Bromobenzene	12.982	156	74426	20.014	ug/l	97
78) n-propylbenzene	13.041	91	356052	20.469	ug/l	98
79) 2-Chlorotoluene	13.129	91	220347	19.830	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	242068	20.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31630	18.315	ug/l	88
82) 4-Chlorotoluene	13.223	91	219245	19.855	ug/l	99
83) tert-Butylbenzene	13.441	119	196491	20.312	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	243562	20.948	ug/l	98
85) sec-Butylbenzene	13.618	105	268621	20.043	ug/l	99
86) p-Isopropyltoluene	13.735	119	223257	20.432	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137775	19.915	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	135452	19.290	ug/l	99
89) n-Butylbenzene	14.059	91	183774	19.527	ug/l	99
90) Hexachloroethane	14.335	117	42058	19.435	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	130497	19.982	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19010	20.815	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	58945	18.982	ug/l	93
94) Hexachlorobutadiene	15.506	225	27416	19.476	ug/l	96
95) Naphthalene	15.647	128	192522	18.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59218	19.455	ug/l	98

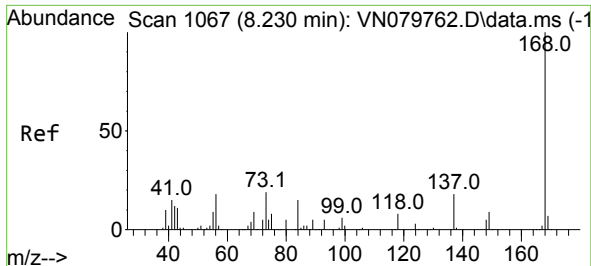
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Response via : Initial Calibration

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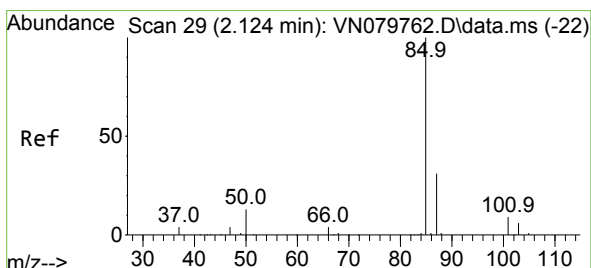
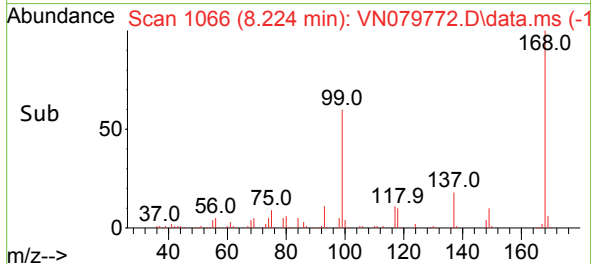
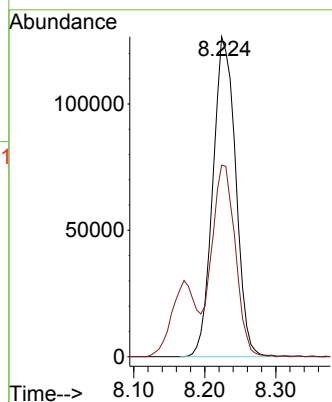
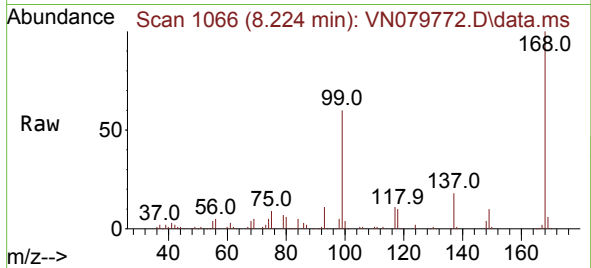
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

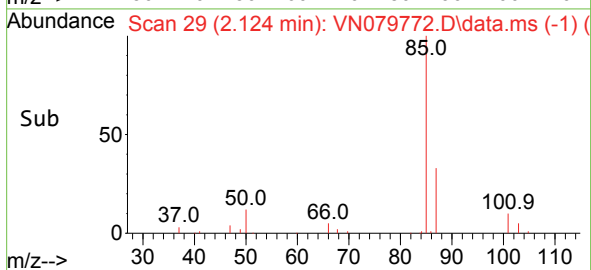
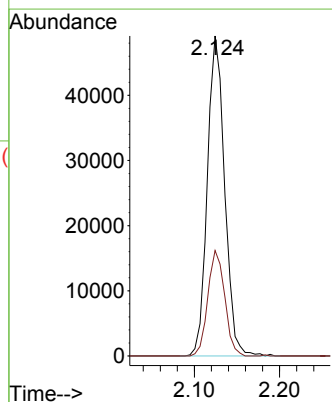
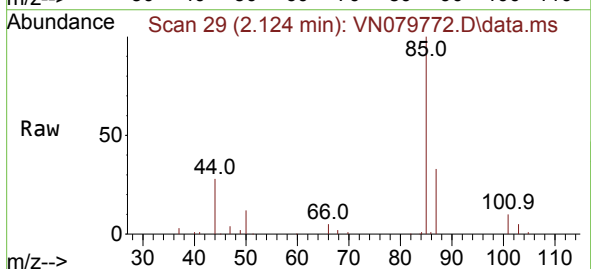
Instrument :
MSVOA_N
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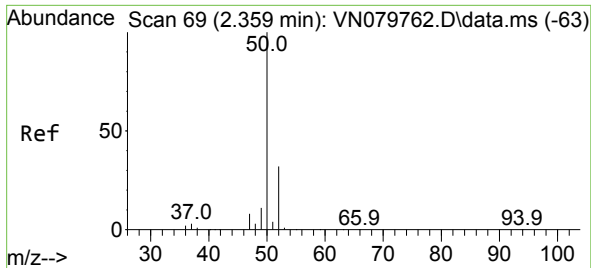
Tgt Ion:168 Resp: 282064
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 20.385 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 85 Resp: 69258
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

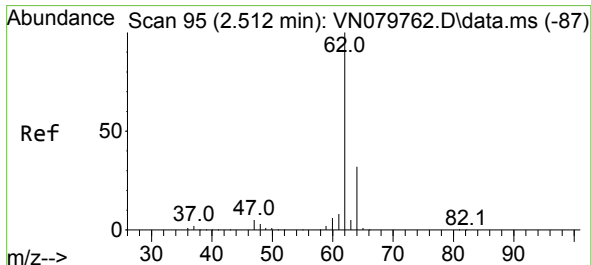
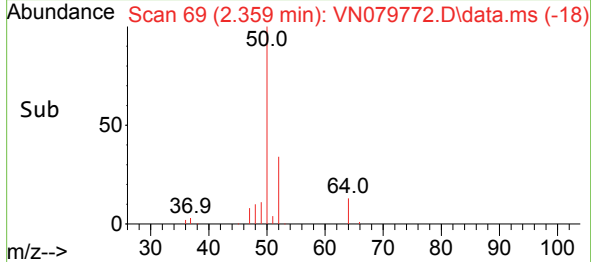
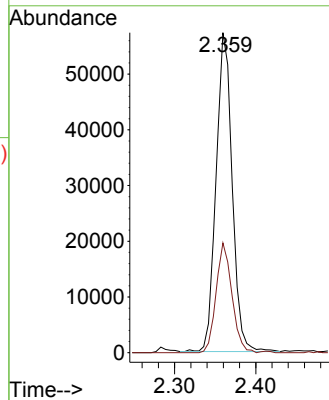
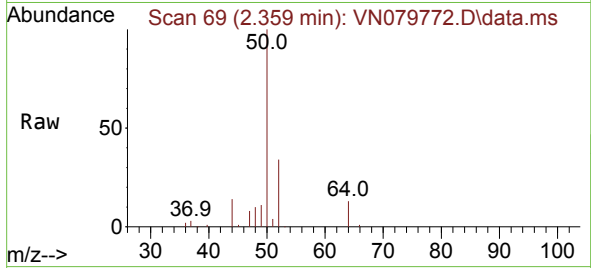




#3
Chloromethane
Concen: 17.840 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

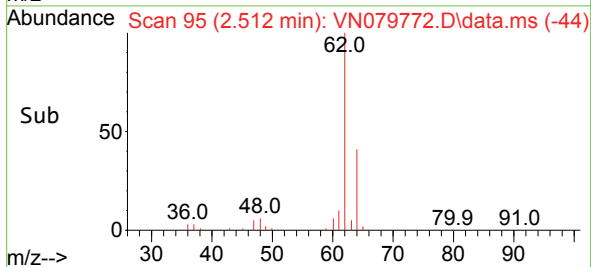
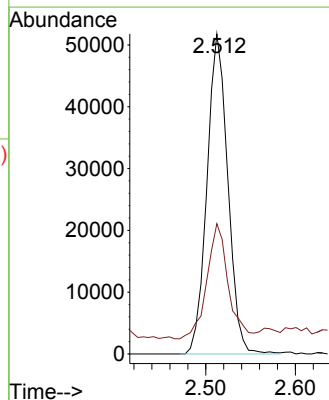
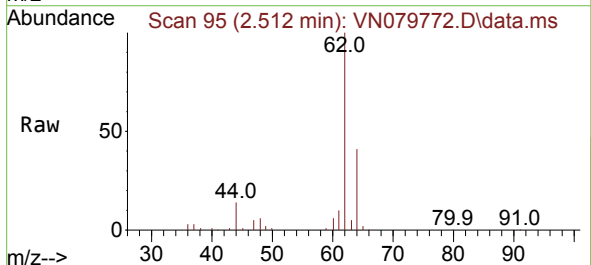
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 79059
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7



#4
Vinyl Chloride
Concen: 18.764 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 62 Resp: 83448
Ion Ratio Lower Upper
62 100
64 36.0 26.2 39.2

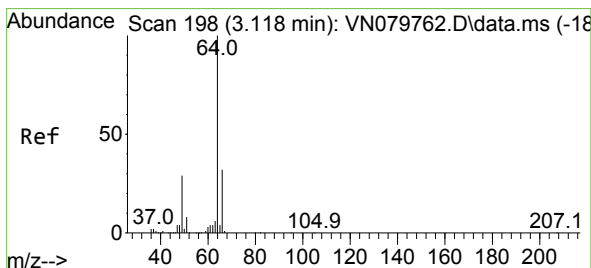
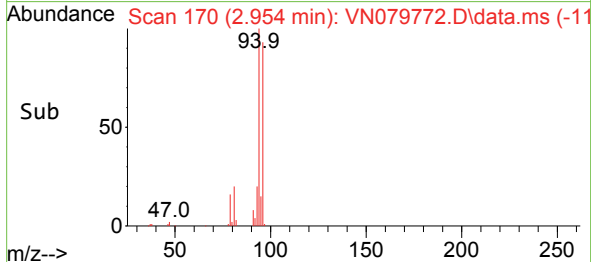
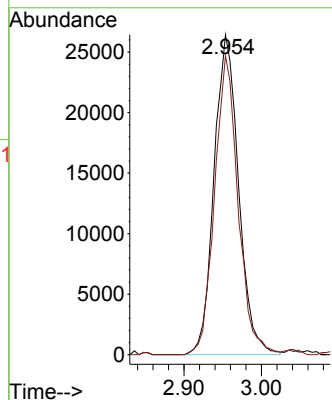
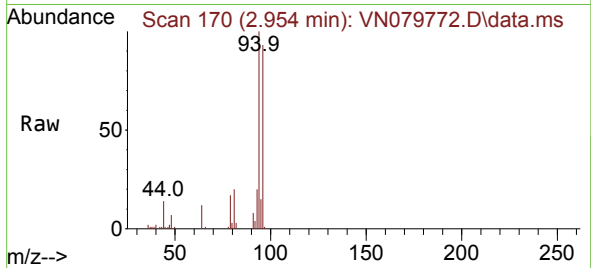




#5
Bromomethane
Concen: 21.564 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

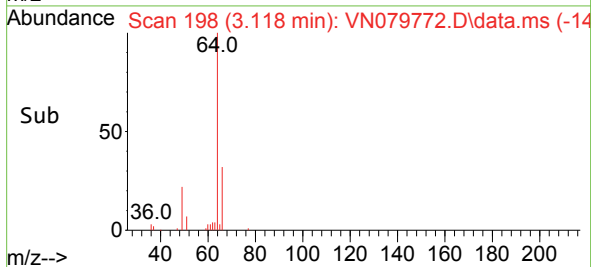
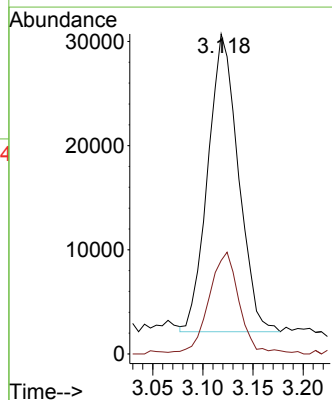
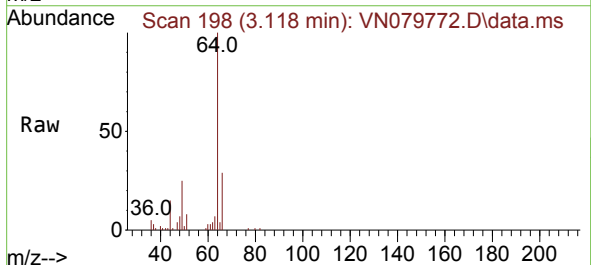
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 58271
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7



#6
Chloroethane
Concen: 17.182 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 64 Resp: 60379
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

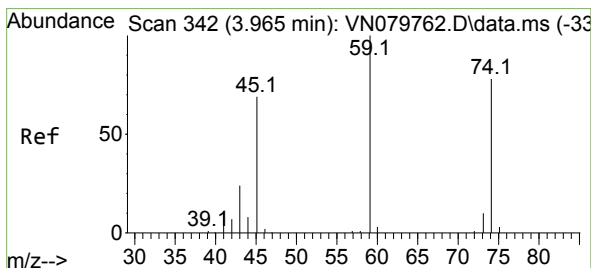
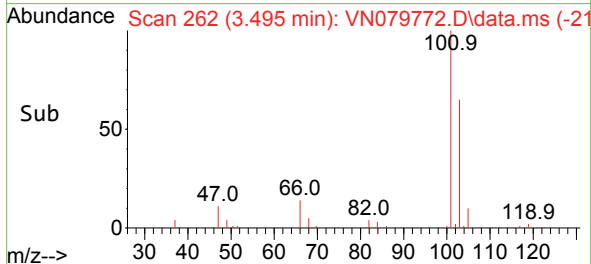
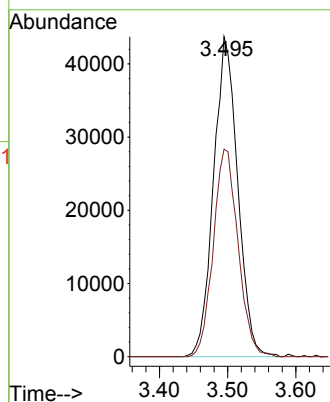
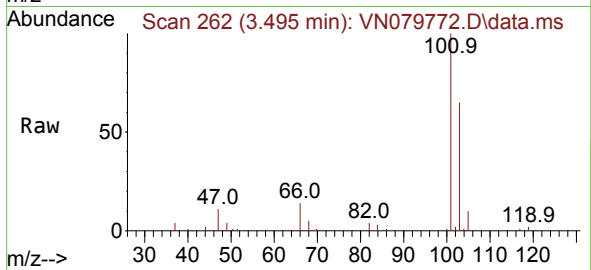




#7
 Trichlorofluoromethane
 Concen: 19.486 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN079772.D
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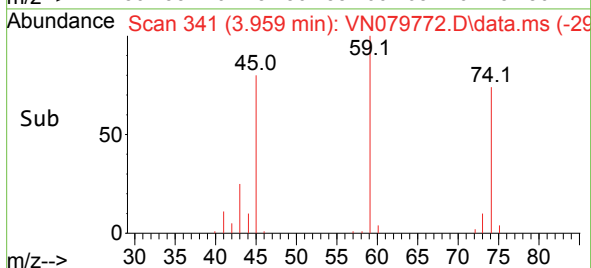
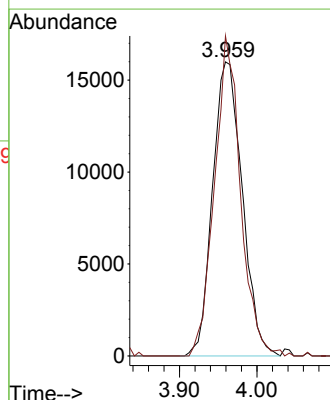
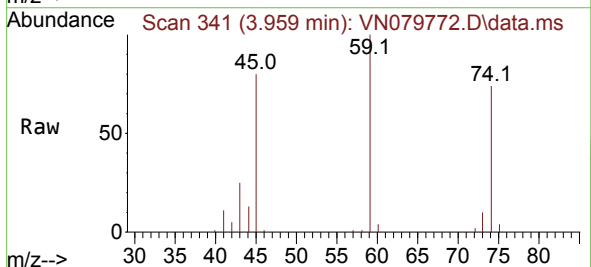
Instrument :
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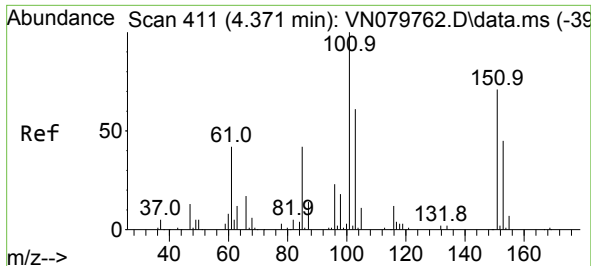
Tgt Ion:101 Resp: 107789
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.285 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion: 74 Resp: 42581
 Ion Ratio Lower Upper
 74 100
 45 95.9 34.4 103.3

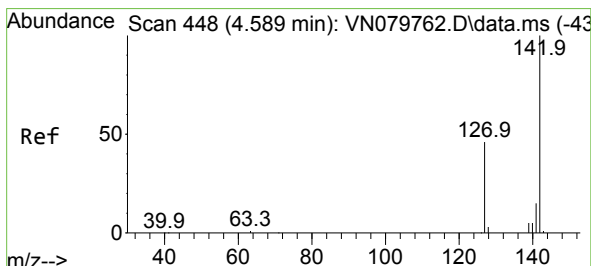
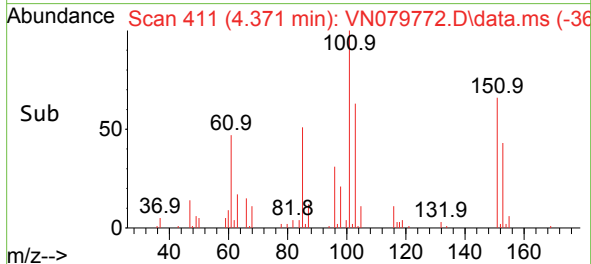
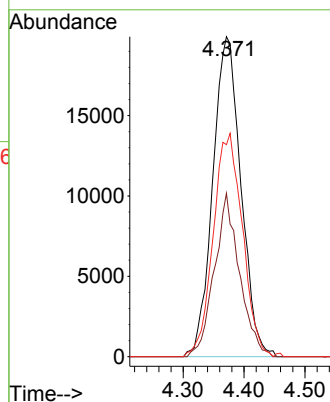
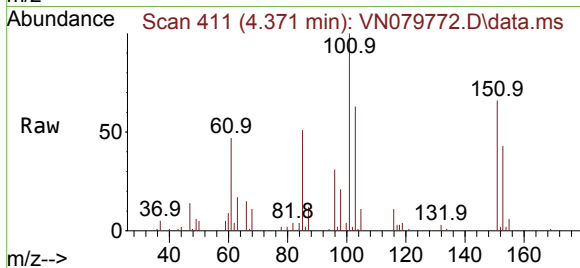




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.944 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079772.D
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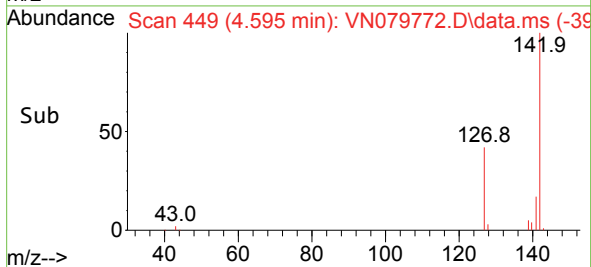
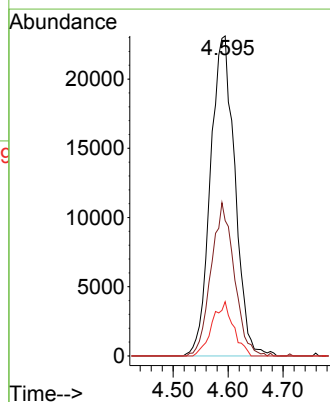
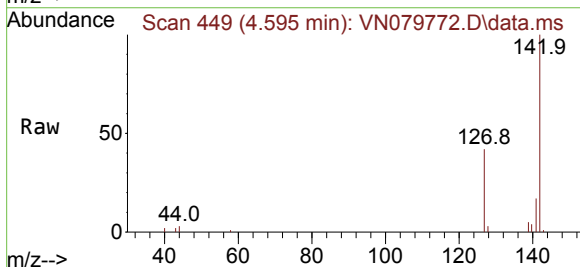
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Tgt Ion:101 Resp: 63953
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 72.4 57.6 86.4



#10
Methyl Iodide
Concen: 19.471 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion:142 Resp: 71298
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 17.0 11.4 17.0

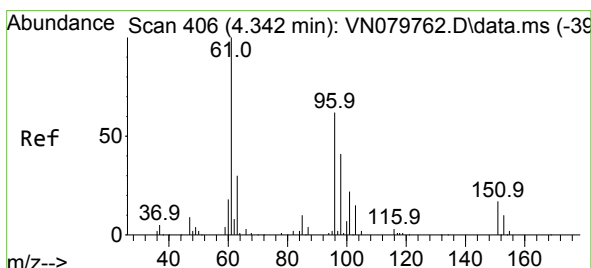
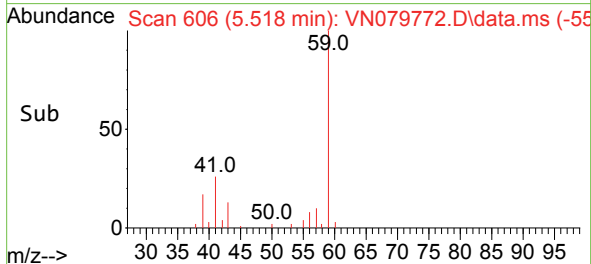
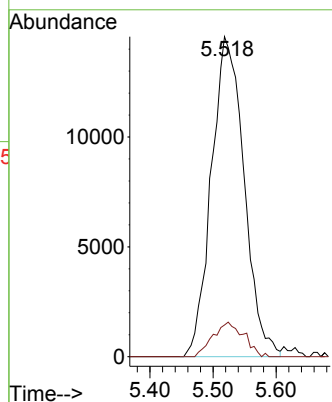
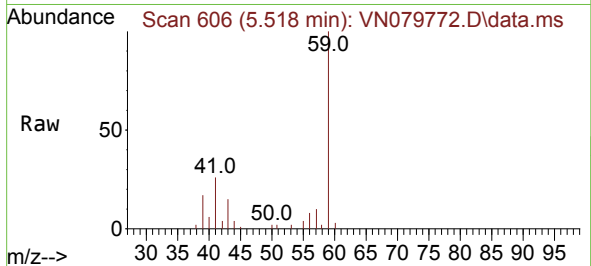




#11
Tert butyl alcohol
Concen: 95.486 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

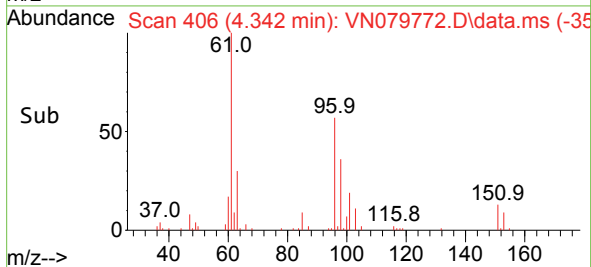
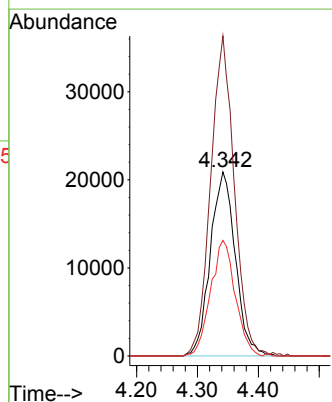
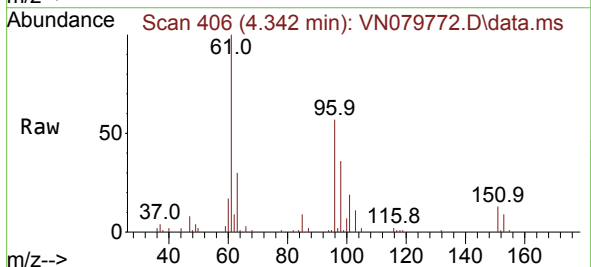
Instrument :
MSVOA_N
ClientSampleId :

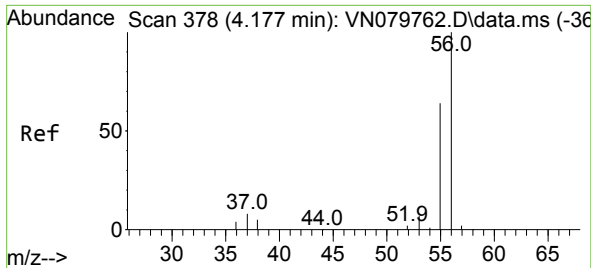
Tgt Ion: 59 Resp: 52381
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.642 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 96 Resp: 59635
Ion Ratio Lower Upper
96 100
61 173.9 112.7 169.1#
98 62.8 51.2 76.8





#13

Acrolein

Concen: 92.889 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

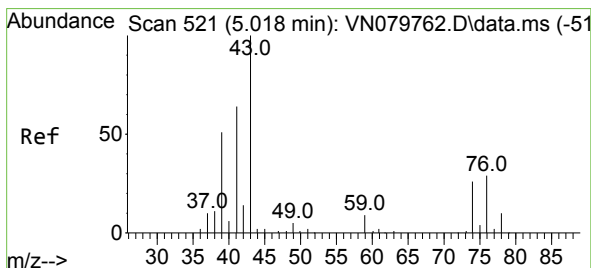
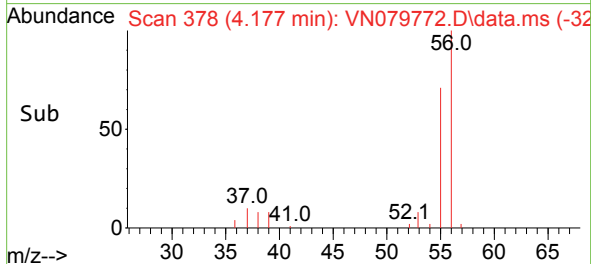
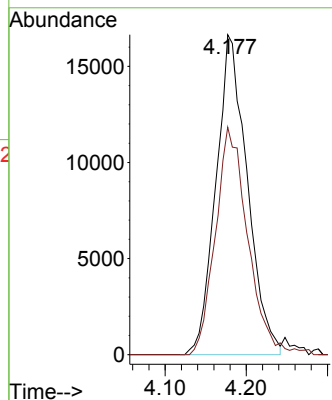
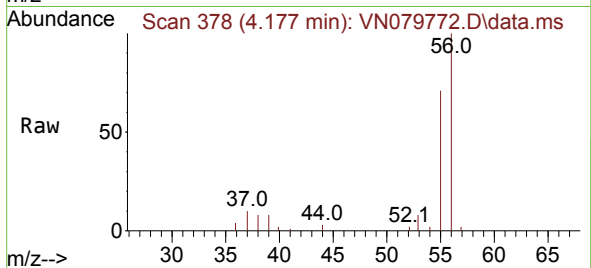
ClientSampleId :

Tgt Ion: 56 Resp: 44555

Ion Ratio Lower Upper

56 100

55 73.7 54.5 81.7



#14

Allyl chloride

Concen: 19.606 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

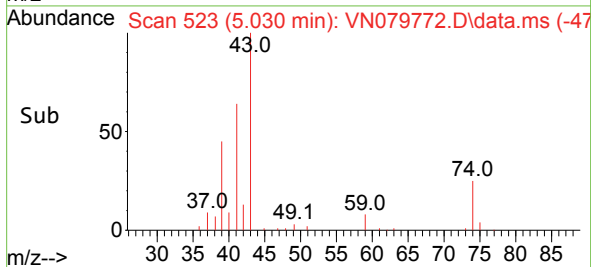
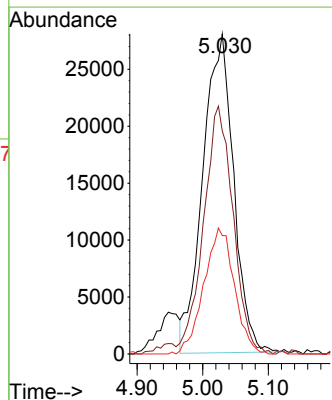
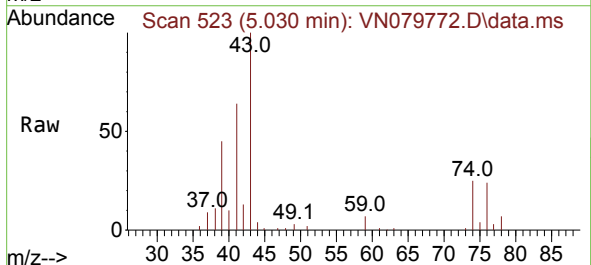
Tgt Ion: 41 Resp: 91172

Ion Ratio Lower Upper

41 100

39 74.8 58.8 88.2

76 39.2 39.1 58.7

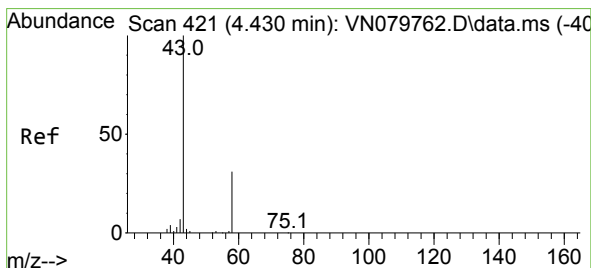
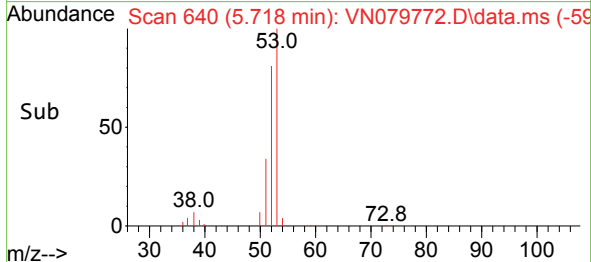
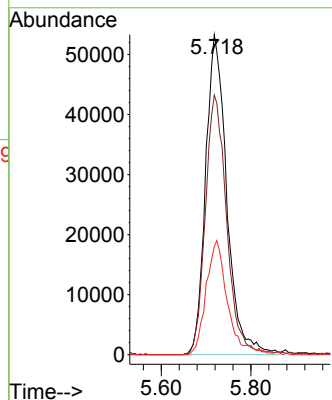
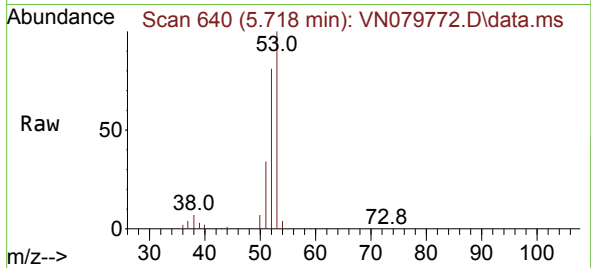




#15
Acrylonitrile
Concen: 102.196 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

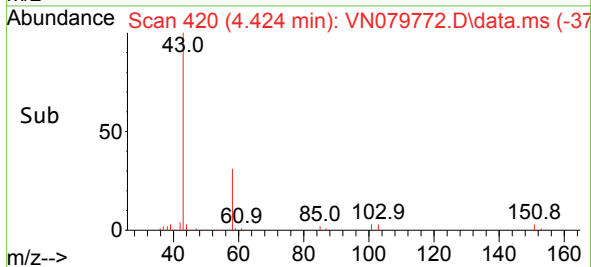
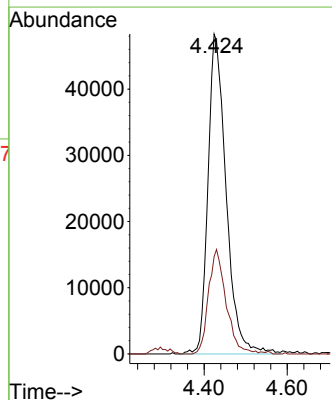
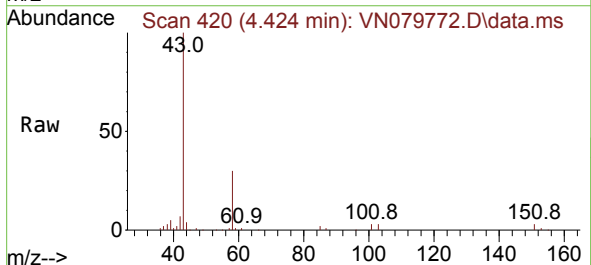
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 174709
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 96.935 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 43 Resp: 146322
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0

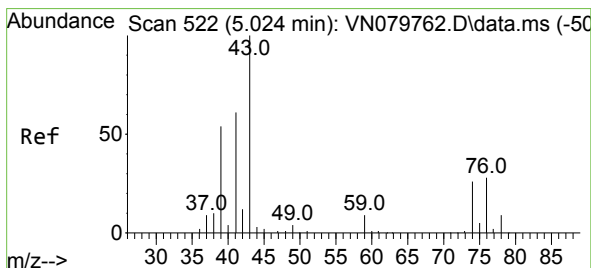
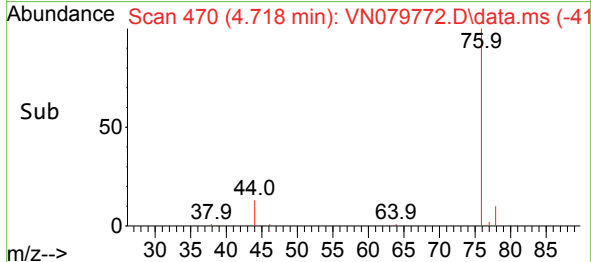
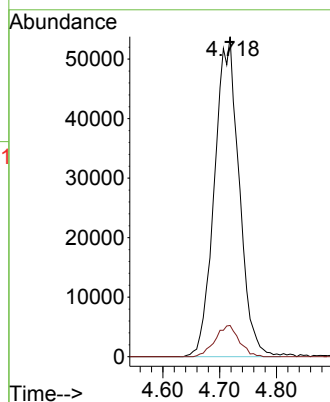
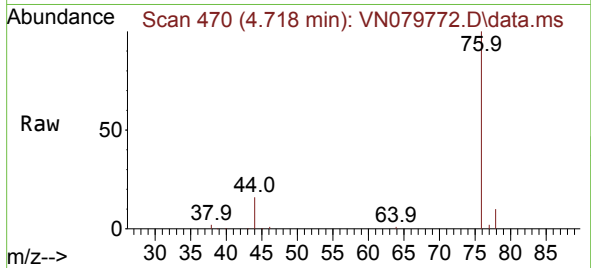




#17
Carbon Disulfide
Concen: 18.479 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

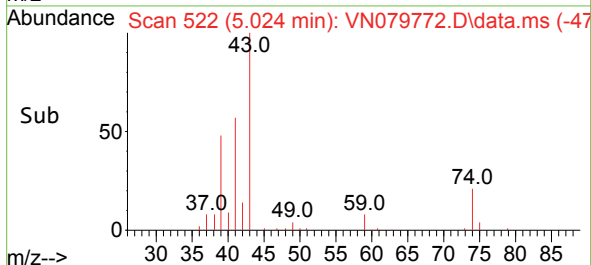
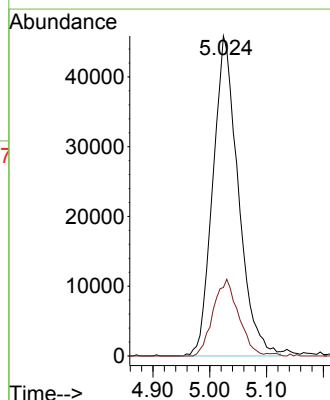
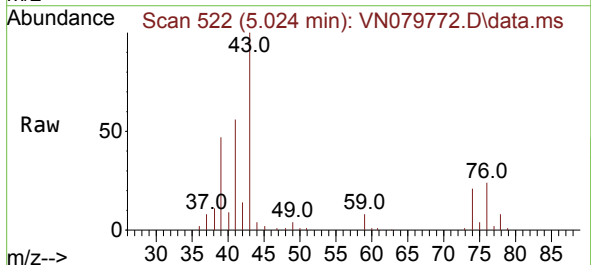
Instrument :
MSVOA_N
ClientSampleId :

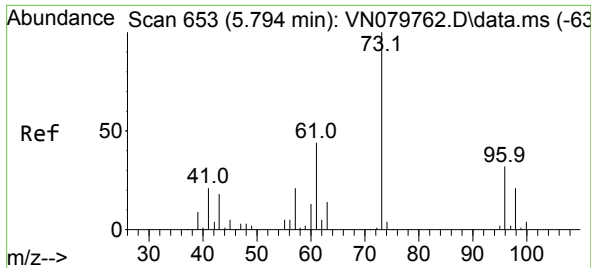
Tgt Ion: 76 Resp: 161834
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.737 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 43 Resp: 142537
Ion Ratio Lower Upper
43 100
74 23.9 26.2 39.4#

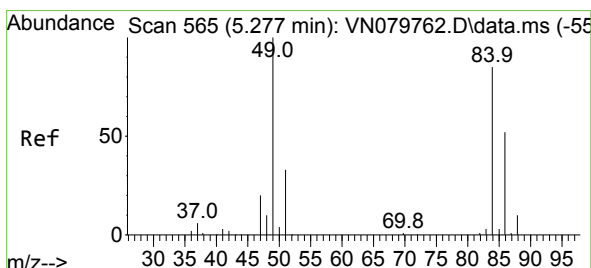
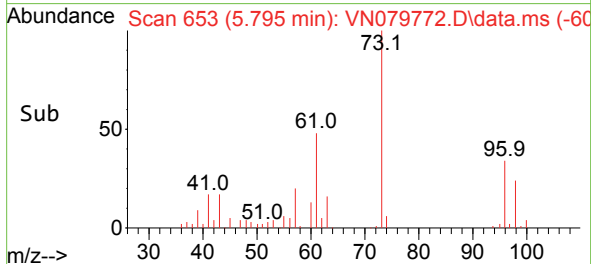
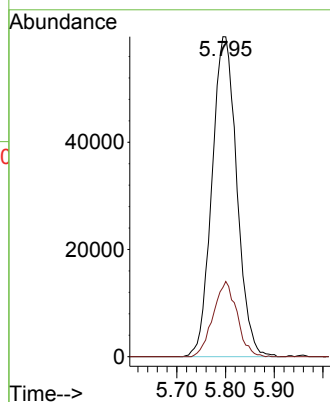
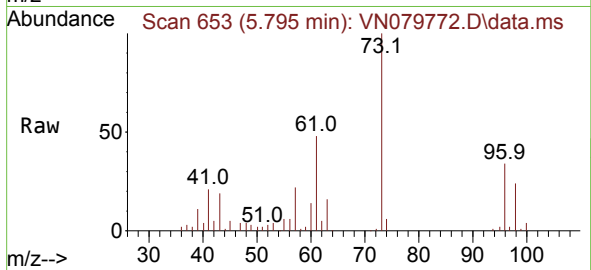




#19
Methyl tert-butyl Ether
Concen: 20.256 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

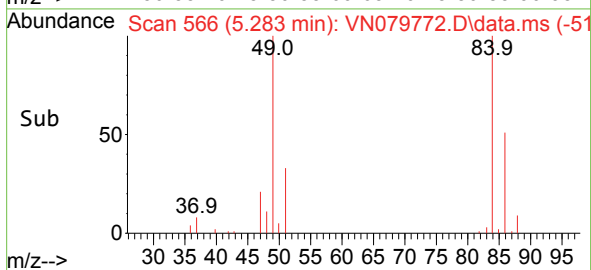
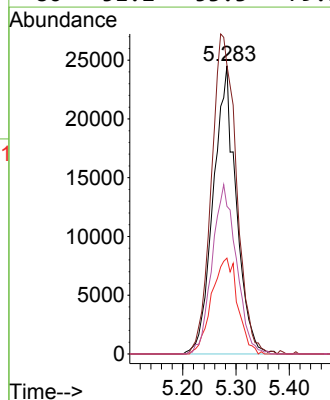
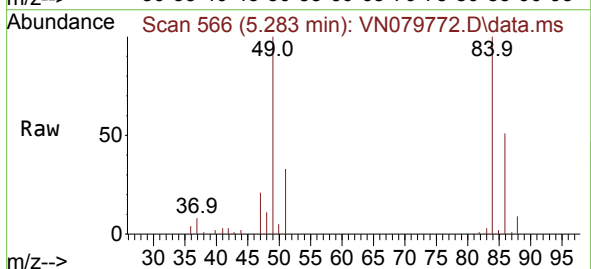
Instrument :
MSVOA_N
ClientSampleId :

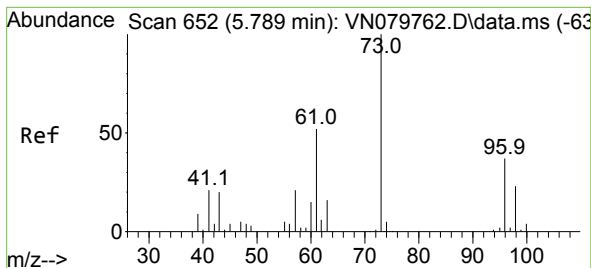
Tgt Ion: 73 Resp: 211738
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4



#20
Methylene Chloride
Concen: 19.184 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 84 Resp: 73070
Ion Ratio Lower Upper
84 100
49 100.3 79.7 119.5
51 33.3 25.2 37.8
86 51.2 53.3 79.9#





#21

trans-1,2-Dichloroethene

Concen: 20.176 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

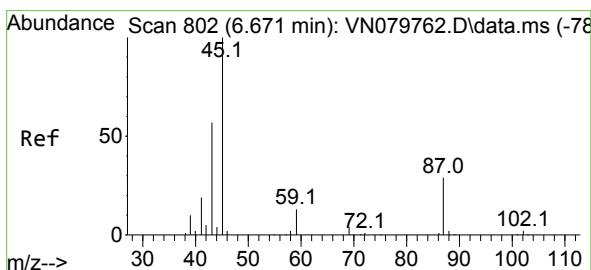
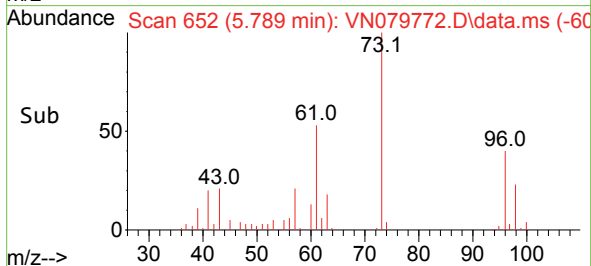
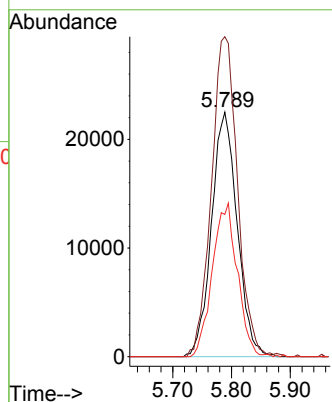
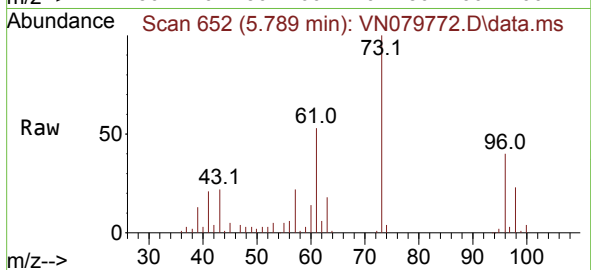
Tgt Ion: 96 Resp: 68318

Ion Ratio Lower Upper

96 100

61 130.9 90.1 135.1

98 58.1 46.4 69.6



#22

Diisopropyl ether

Concen: 20.846 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Tgt Ion: 45 Resp: 224643

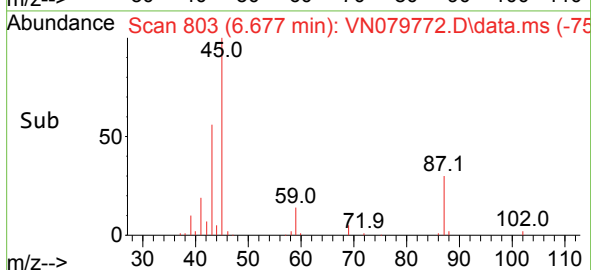
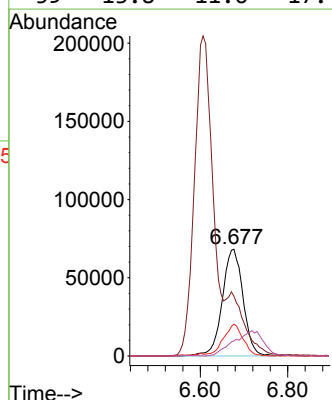
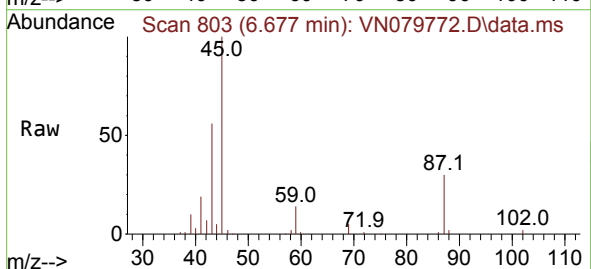
Ion Ratio Lower Upper

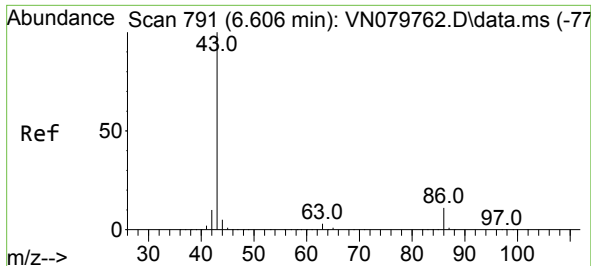
45 100

43 54.8 45.5 68.3

87 29.8 31.8 47.8#

59 13.8 11.6 17.4

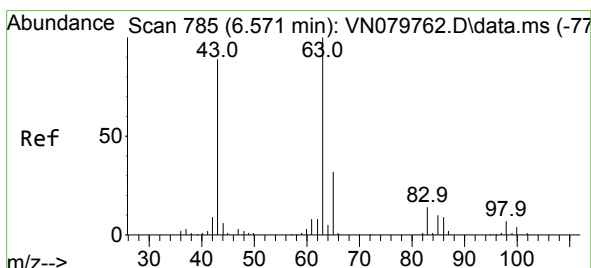
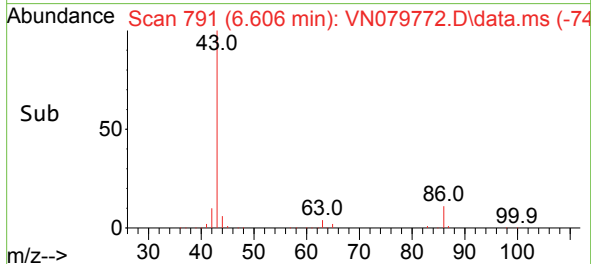
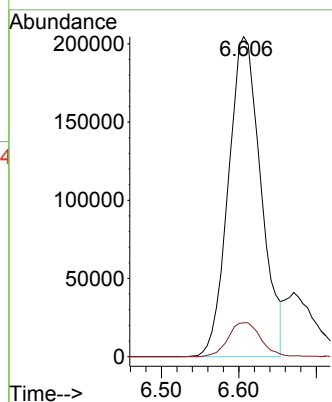
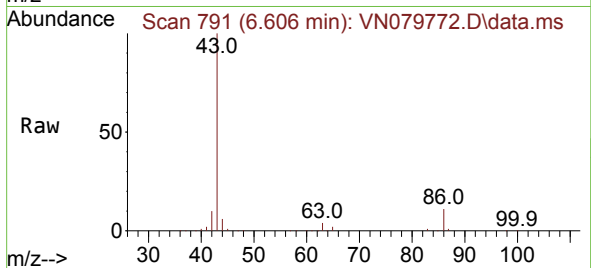




#23
 Vinyl Acetate
 Concen: 100.738 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

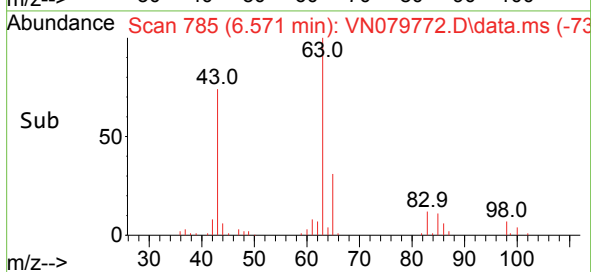
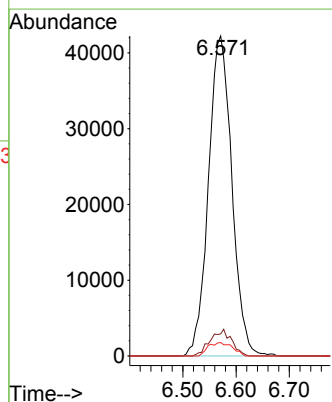
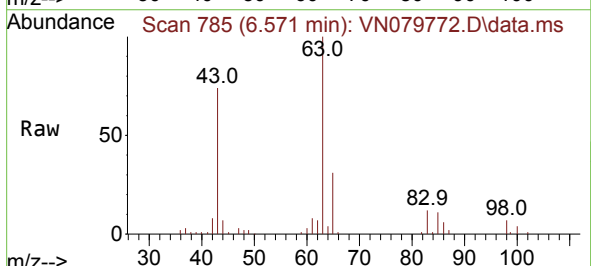
Instrument :
 MSVOA_N
 ClientSampleId :

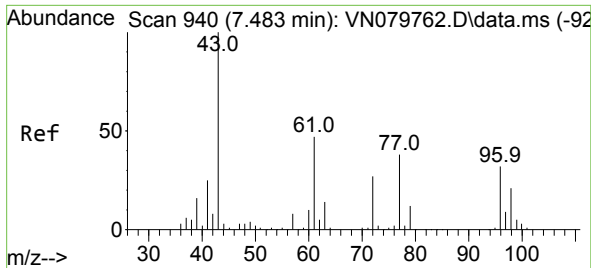
Tgt Ion: 43 Resp: 598811
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.716 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion: 63 Resp: 129137
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.2 2.5 7.4

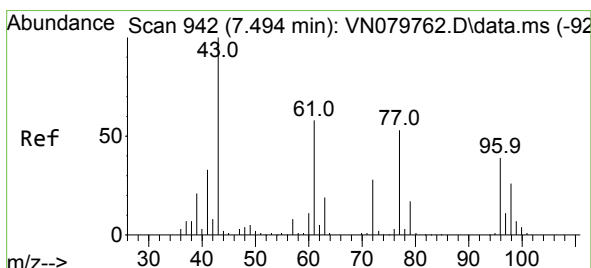
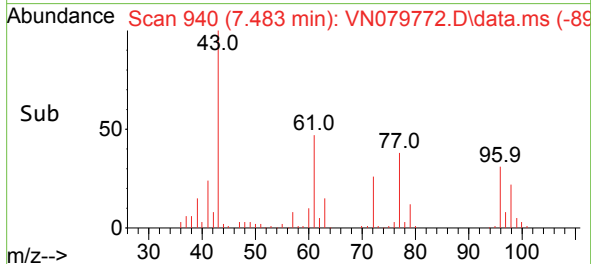
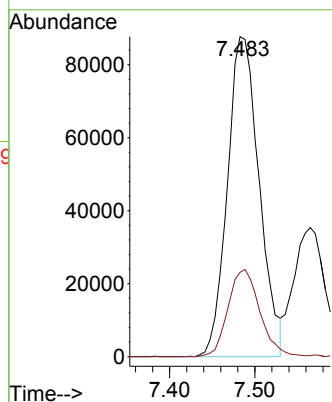
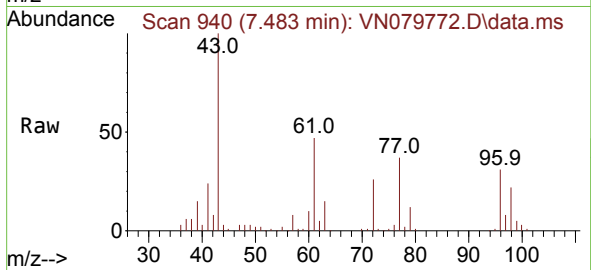




#25
2-Butanone
Concen: 102.974 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

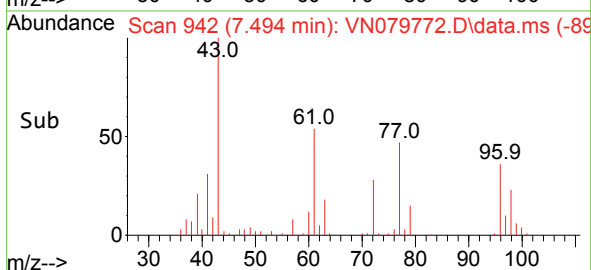
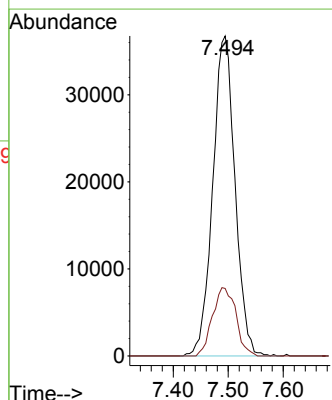
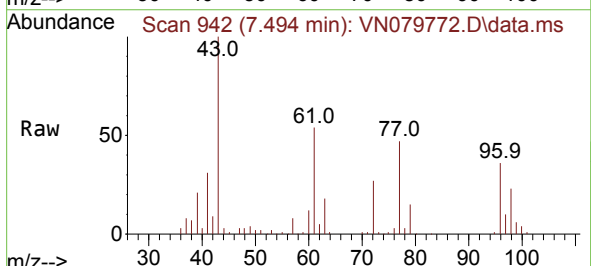
Instrument :
MSVOA_N
ClientSampleId :

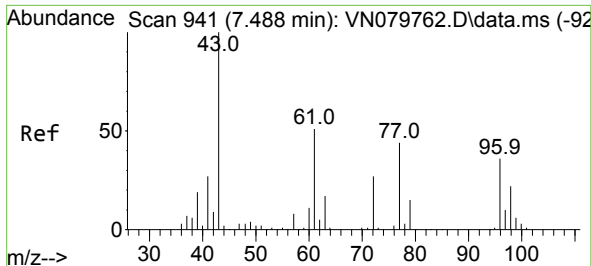
Tgt Ion: 43 Resp: 227617
Ion Ratio Lower Upper
43 100
72 26.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.061 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 77 Resp: 103252
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6

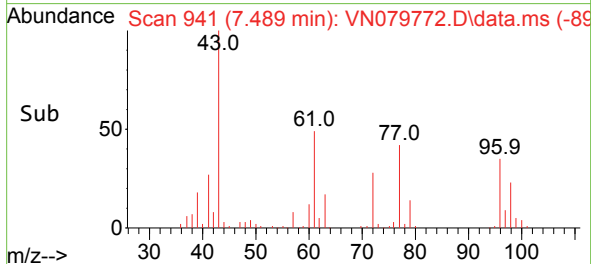
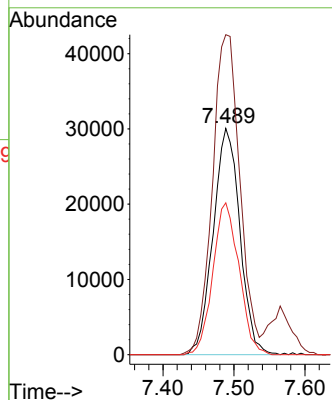
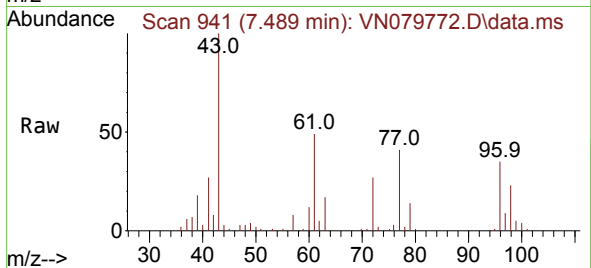




#27
 cis-1,2-Dichloroethene
 Concen: 19.379 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

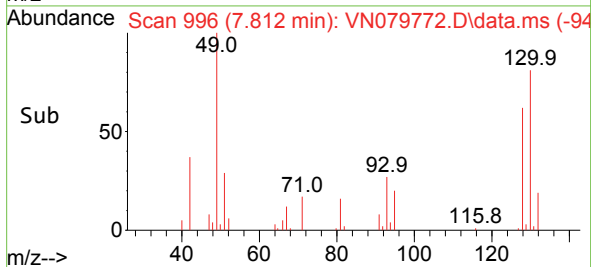
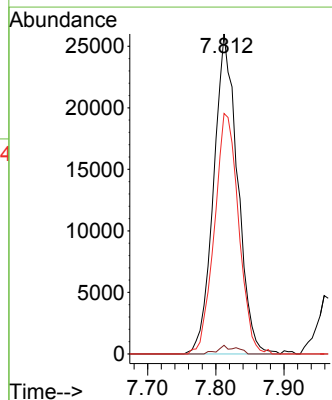
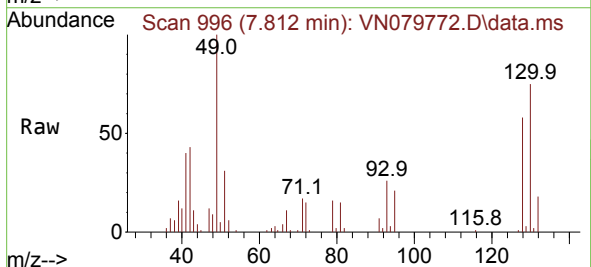
Instrument :
 MSVOA_N
 ClientSampleId :

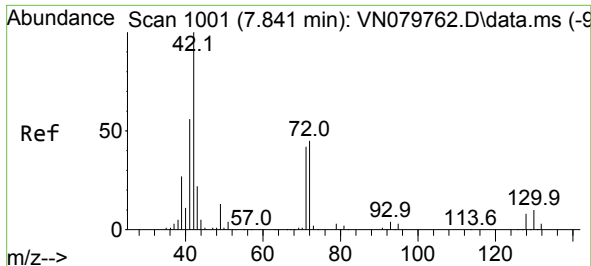
Tgt Ion: 96 Resp: 78492
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 255.2
 98 65.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.927 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion: 49 Resp: 63608
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 75.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 103.982 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

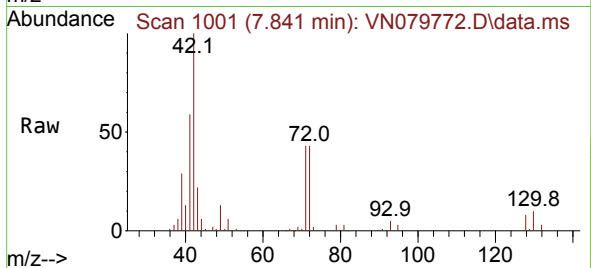
Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :



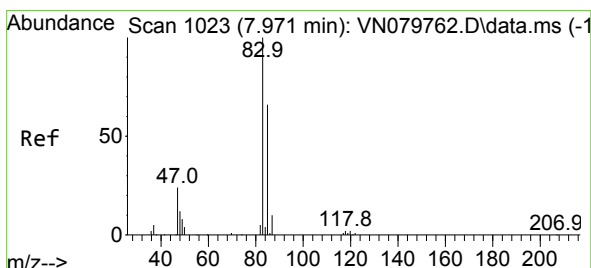
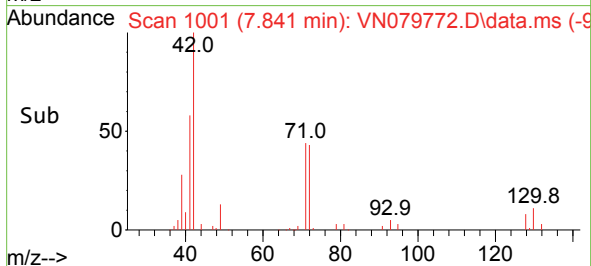
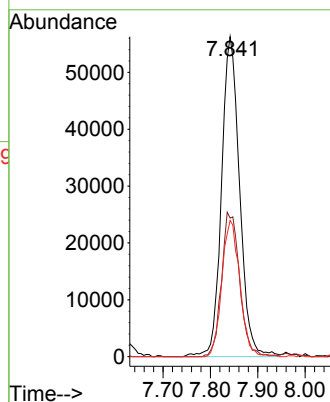
Tgt Ion: 42 Resp: 149539

Ion Ratio Lower Upper

42 100

72 45.2 49.8 74.6#

71 42.4 47.4 71.2#



#30

Chloroform

Concen: 19.128 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079772.D

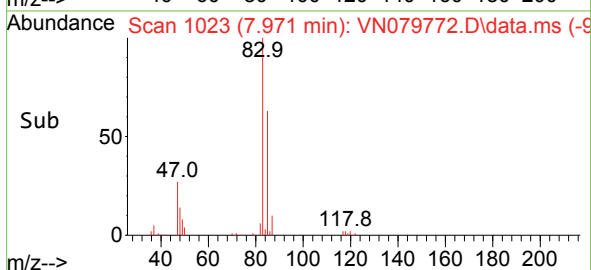
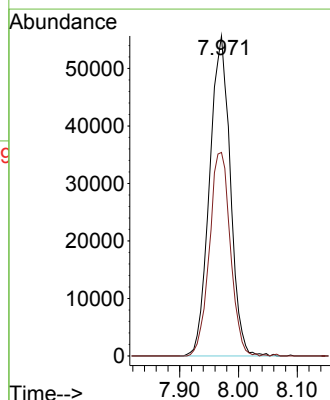
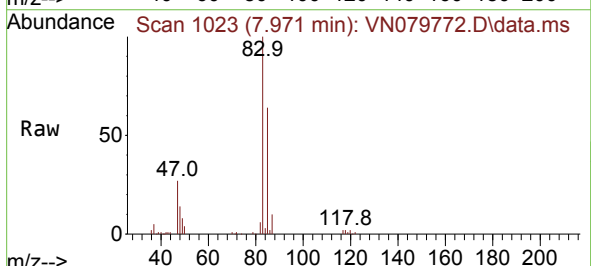
Acq: 01 Nov 2023 15:32

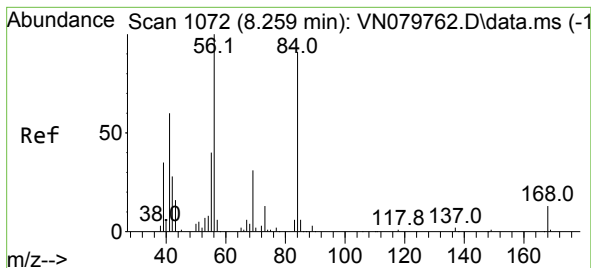
Tgt Ion: 83 Resp: 136091

Ion Ratio Lower Upper

83 100

85 63.6 55.4 83.0





#31

Cyclohexane

Concen: 18.804 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

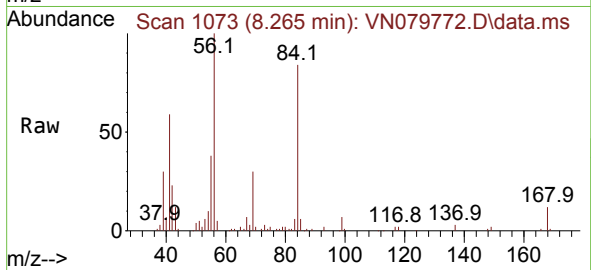
Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :



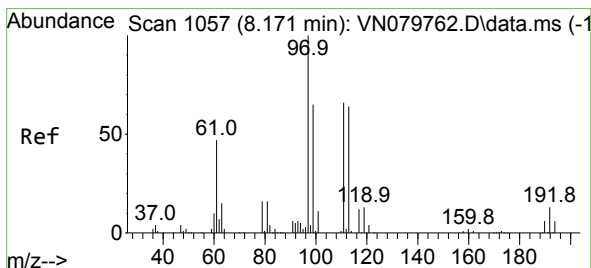
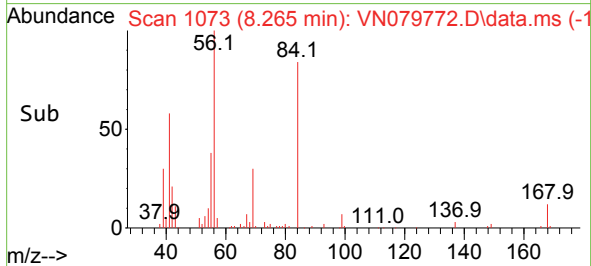
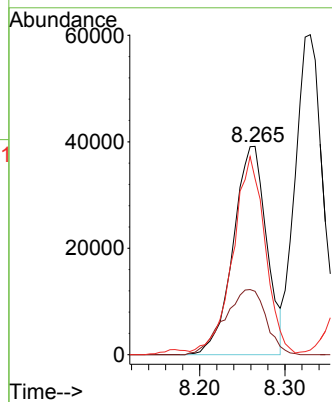
Tgt Ion: 56 Resp: 106778

Ion Ratio Lower Upper

56 100

69 30.4 26.8 40.2

84 82.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.646 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

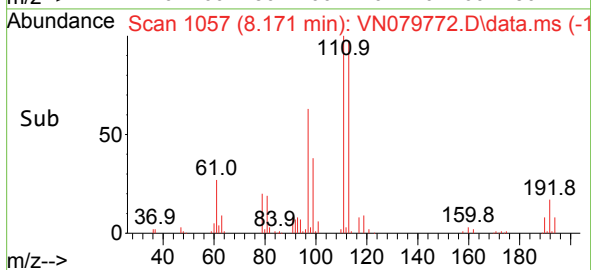
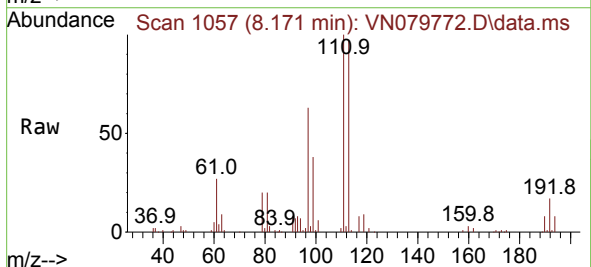
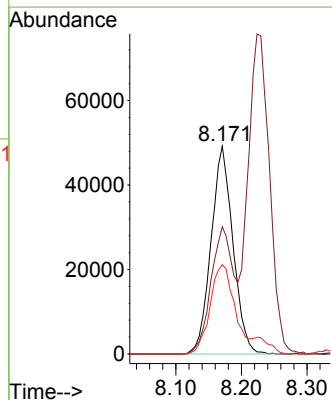
Tgt Ion: 97 Resp: 113890

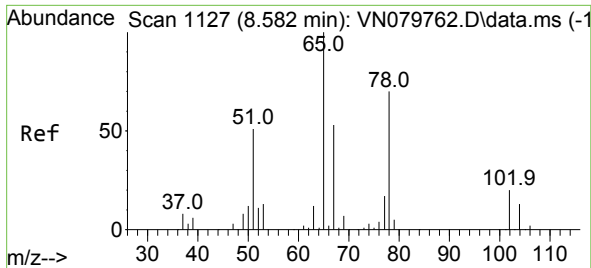
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 48.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.154 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

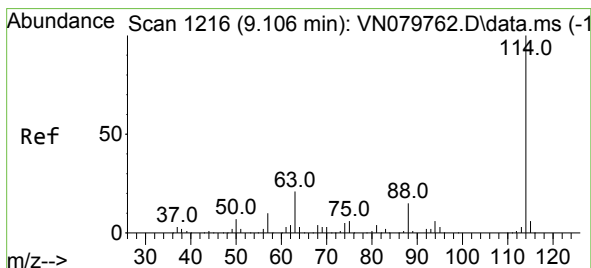
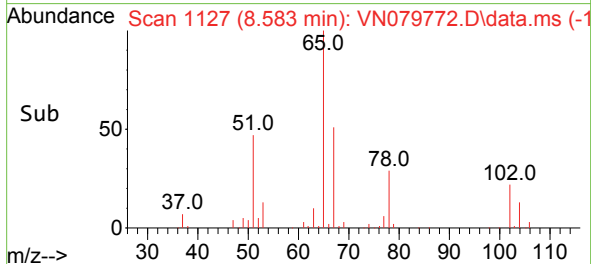
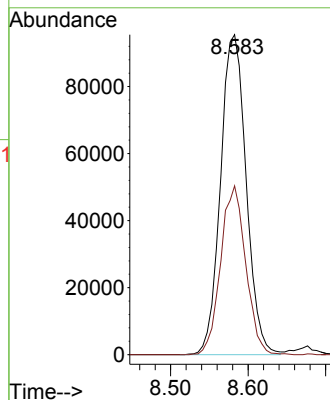
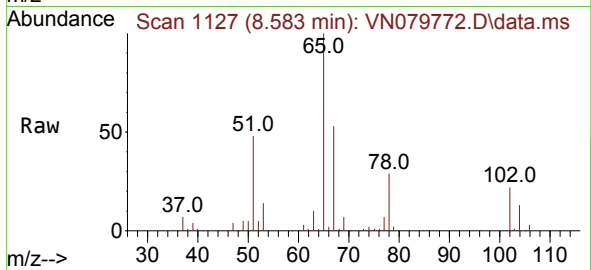
ClientSampleId :

Tgt Ion: 65 Resp: 219828

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

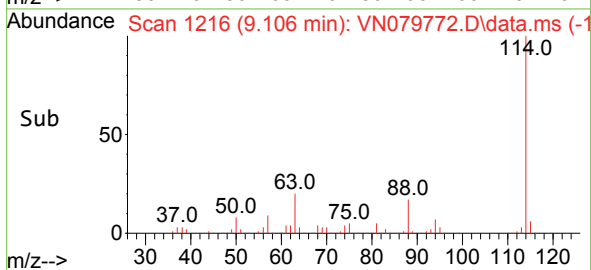
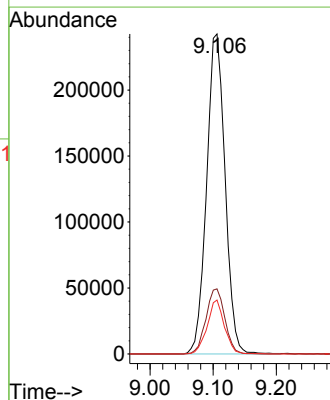
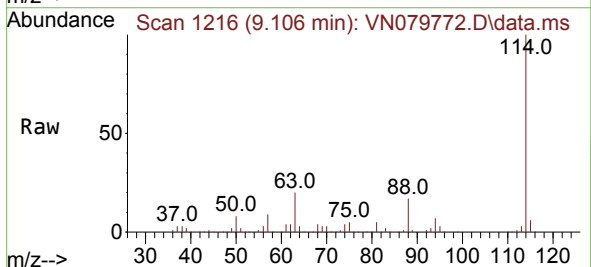
Tgt Ion: 114 Resp: 492394

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.639 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

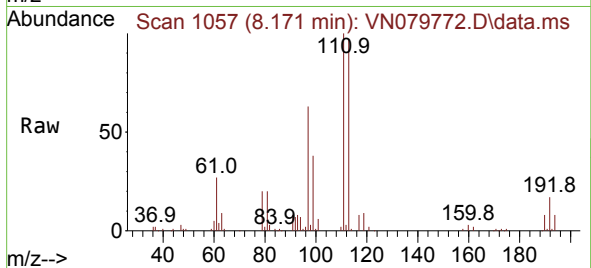
Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :



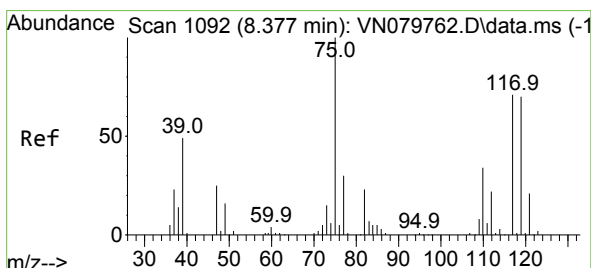
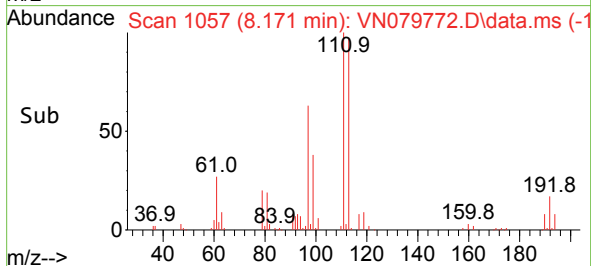
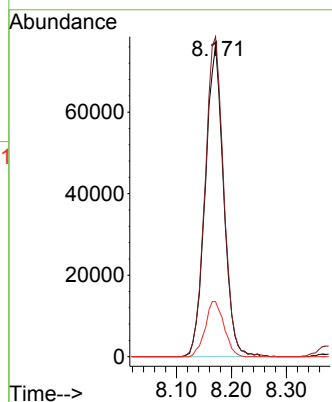
Tgt Ion:113 Resp: 176475

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 18.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 19.745 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

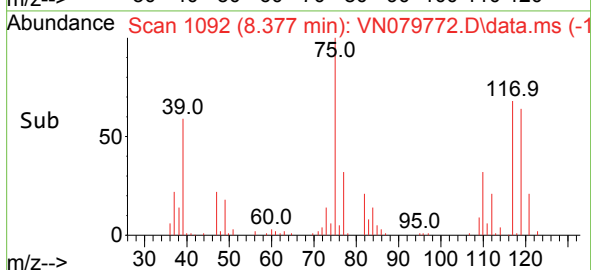
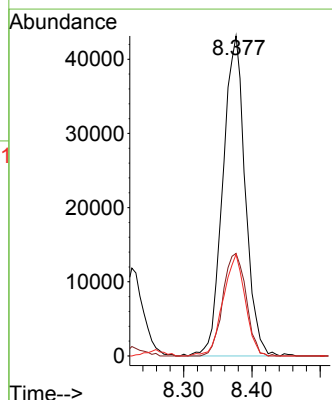
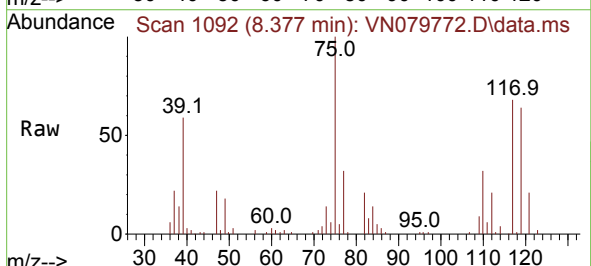
Tgt Ion: 75 Resp: 98249

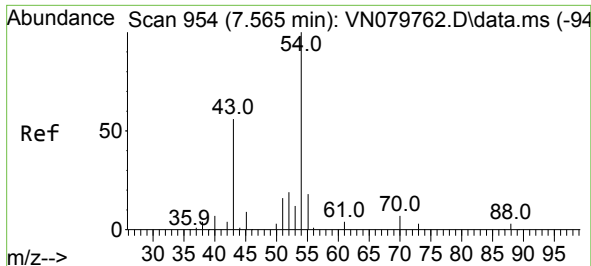
Ion Ratio Lower Upper

75 100

110 33.3 19.1 57.3

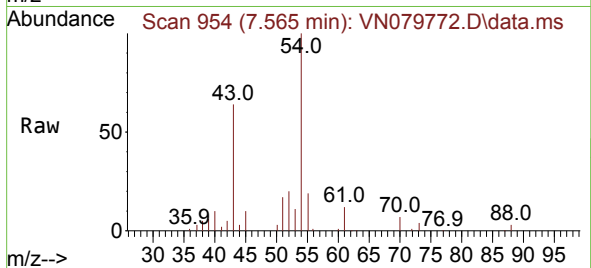
77 31.4 25.0 37.4



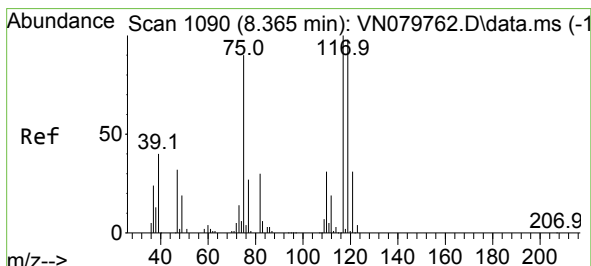
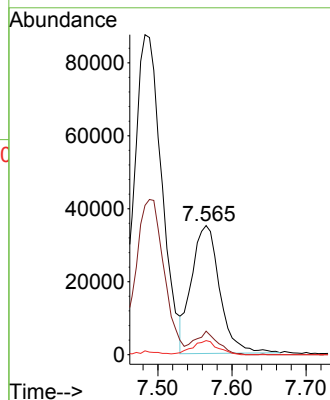
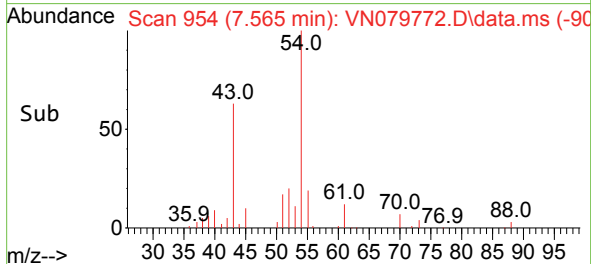


#37
Ethyl Acetate
Concen: 20.256 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Instrument :
MSVOA_N
ClientSampleId :

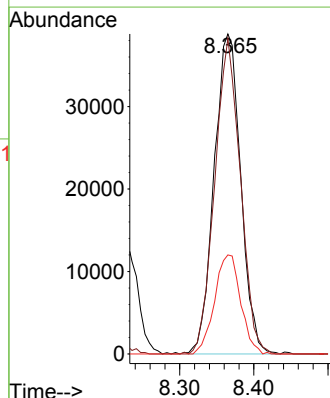
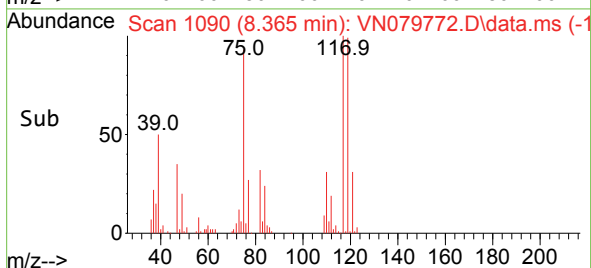
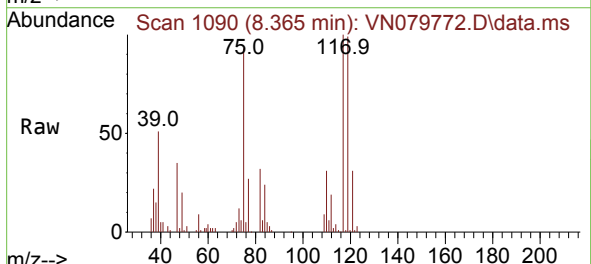


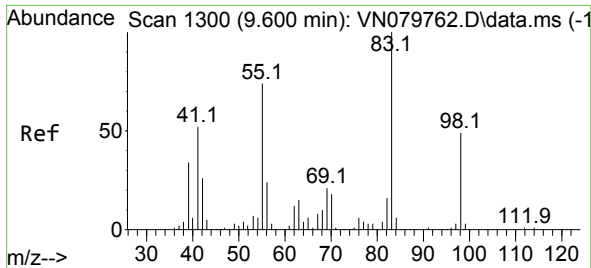
Tgt Ion: 43 Resp: 92438
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 9.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.234 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 117 Resp: 96453
Ion Ratio Lower Upper
117 100
119 98.6 77.3 115.9
121 31.0 23.3 34.9

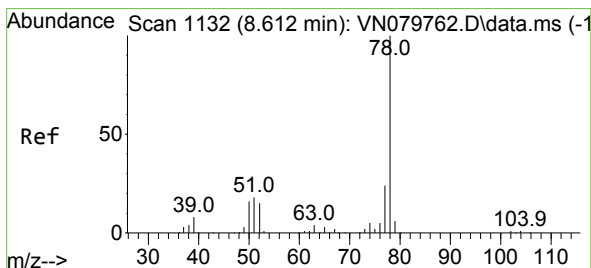
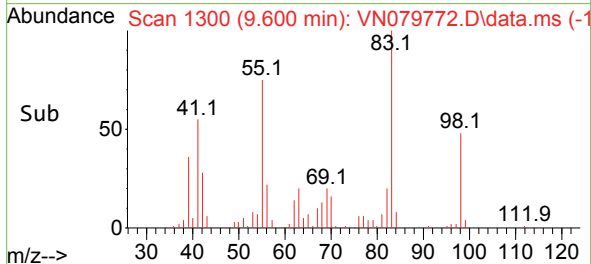
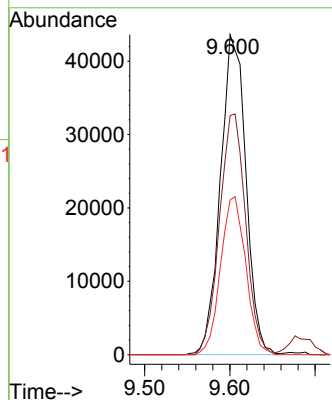
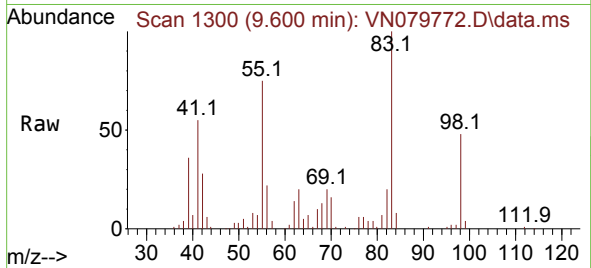




#39
Methylcyclohexane
Concen: 19.358 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

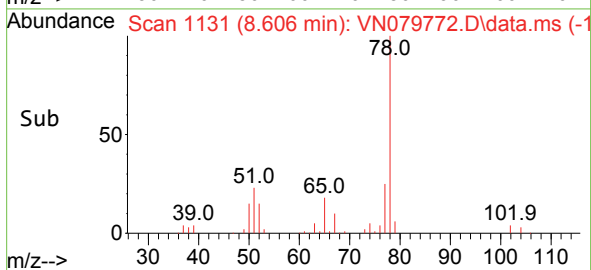
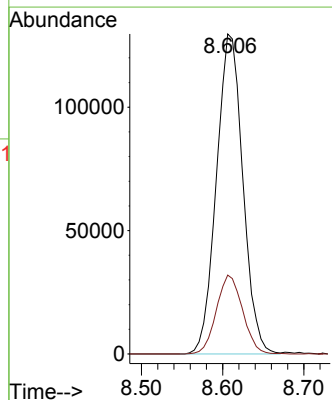
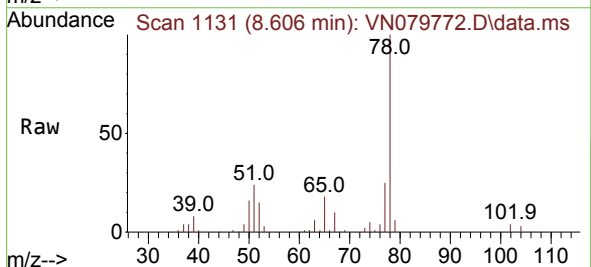
Instrument :
MSVOA_N
ClientSampleId :

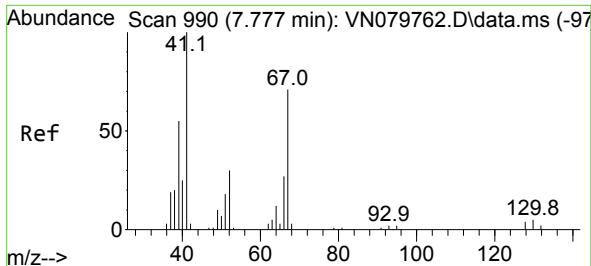
Tgt Ion: 83 Resp: 90652
Ion Ratio Lower Upper
83 100
55 74.7 49.1 73.7#
98 48.3 40.6 61.0



#40
Benzene
Concen: 19.679 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 78 Resp: 293295
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6

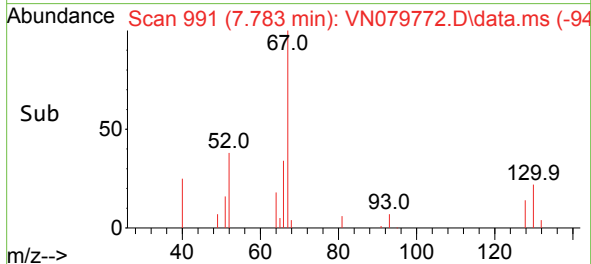
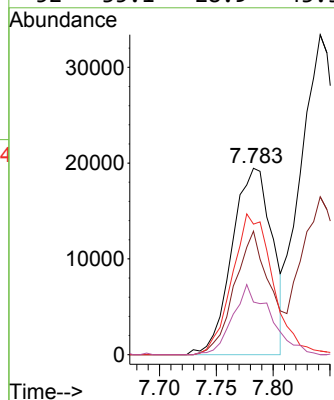
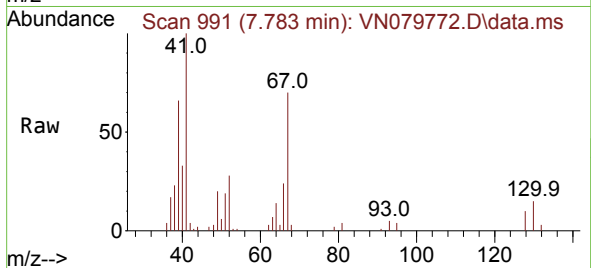




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

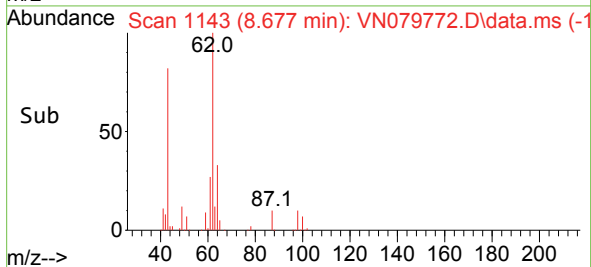
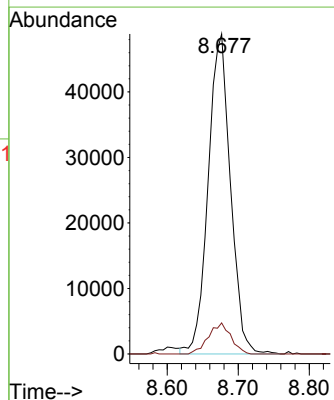
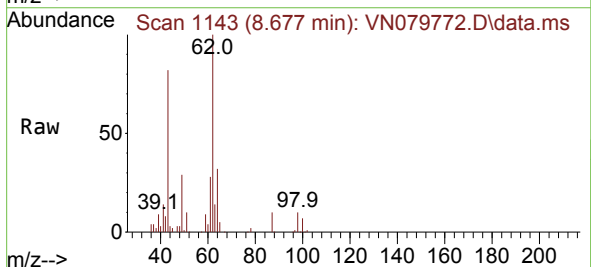
Instrument :
MSVOA_N
ClientSampleId :

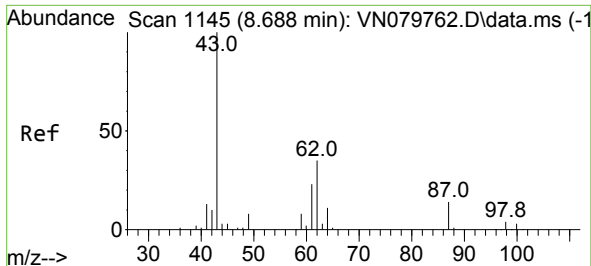
Tgt Ion: 41	Resp: 47848
Ion Ratio	Lower Upper
41 100	
39 60.1	42.6 64.0
67 77.1	77.5 116.3#
52 35.1	28.9 43.3



#42
1,2-Dichloroethane
Concen: 20.445 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 62	Resp: 106436
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.8

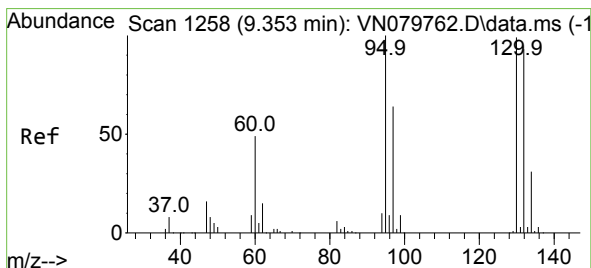
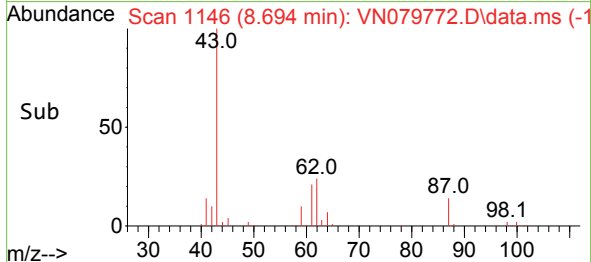
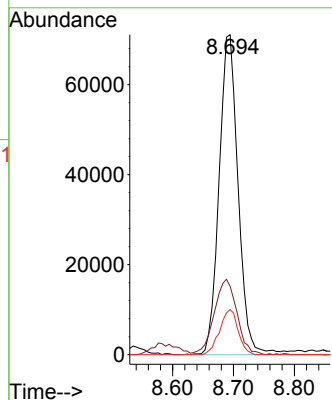
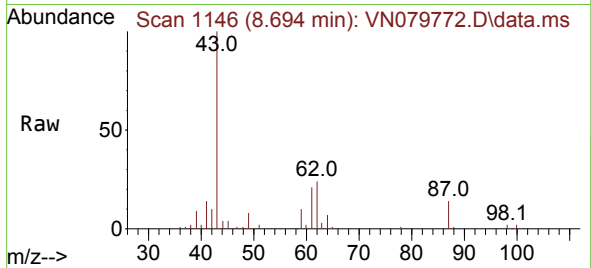




#43
Isopropyl Acetate
Concen: 19.240 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

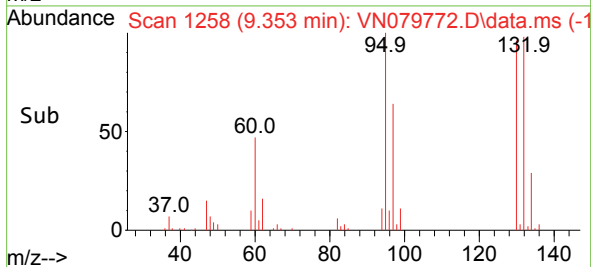
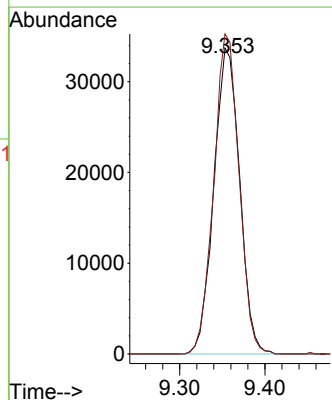
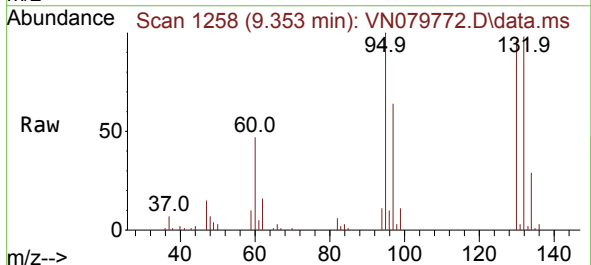
Instrument :
MSVOA_N
ClientSampleId :

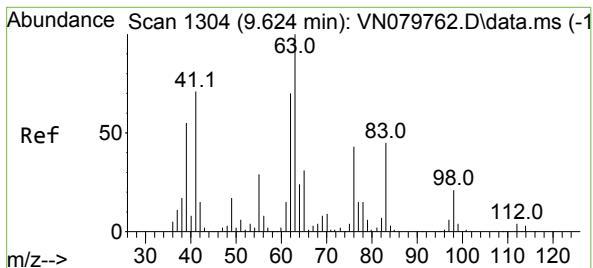
Tgt Ion: 43 Resp: 153977
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 13.7 14.6 21.8#



#44
Trichloroethene
Concen: 19.224 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion:130 Resp: 71094
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.223 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

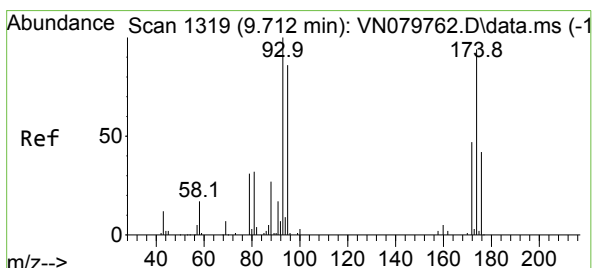
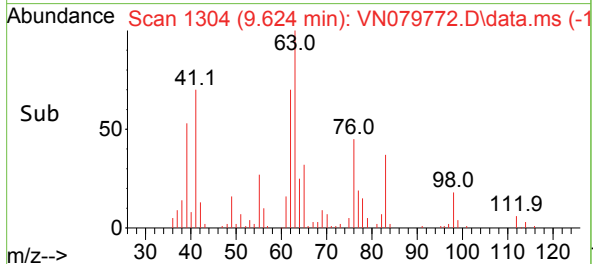
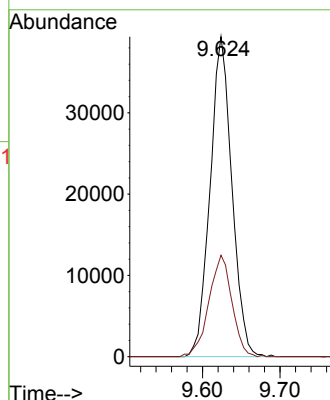
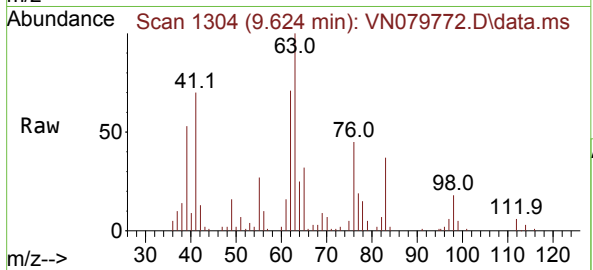
ClientSampleId :

Tgt Ion: 63 Resp: 77025

Ion Ratio Lower Upper

63 100

65 31.7 23.9 35.9



#46

Dibromomethane

Concen: 20.425 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

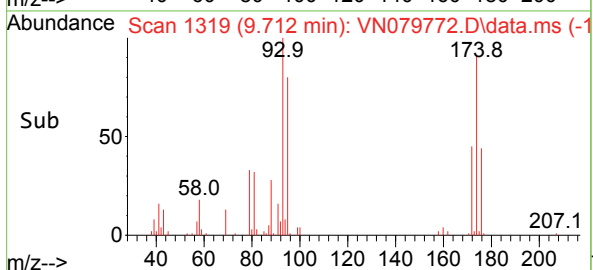
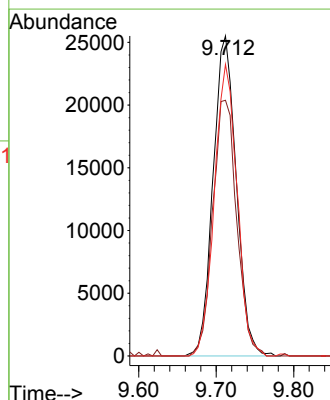
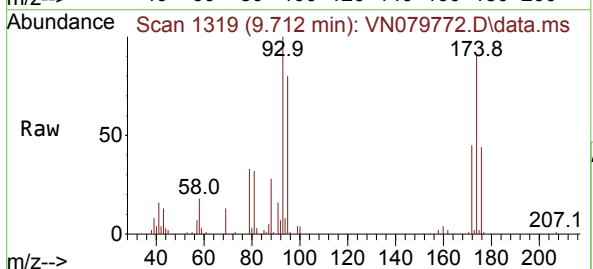
Tgt Ion: 93 Resp: 53119

Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 89.5 65.6 98.4





#47

Bromodichloromethane

Concen: 19.399 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

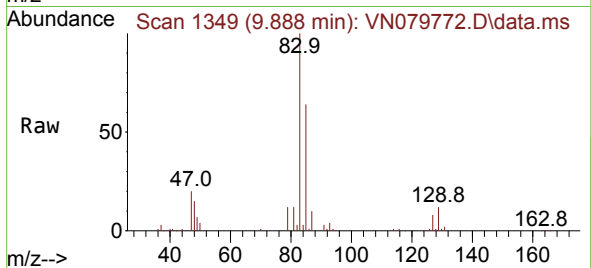
Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

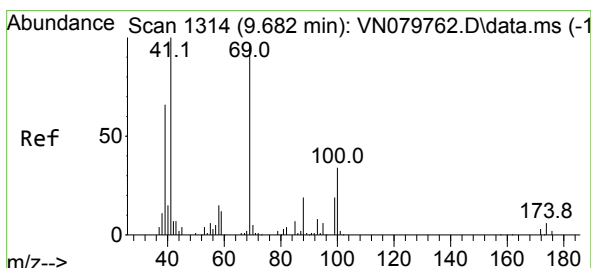
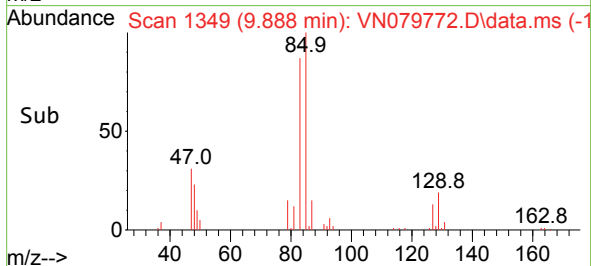
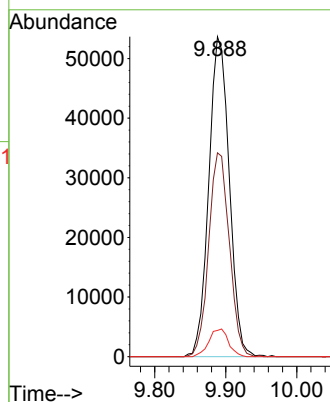
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	107596
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.6	74.4
127	8.2	7.0	10.6



#48

Methyl methacrylate

Concen: 20.317 ug/l

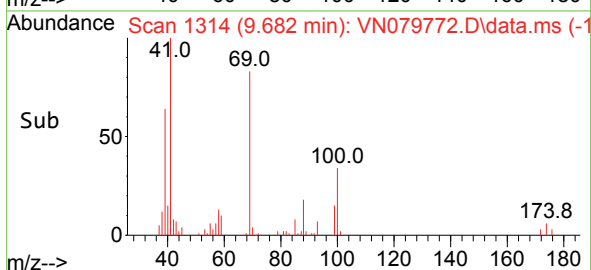
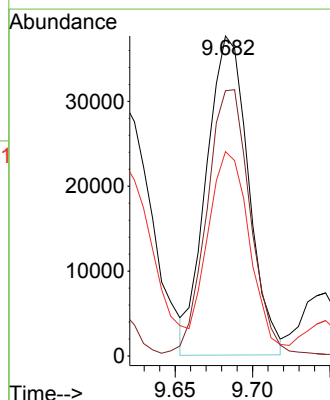
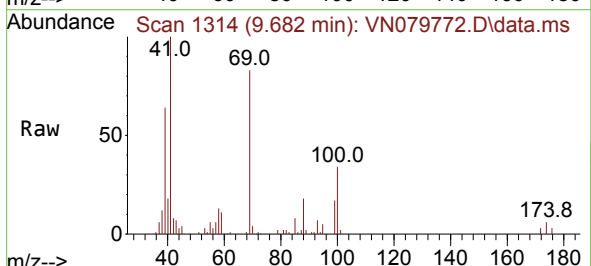
RT: 9.682 min Scan# 1314

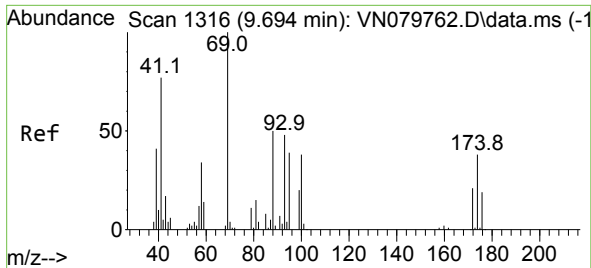
Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Tgt Ion:	41	Resp:	71221
Ion Ratio	Lower	Upper	
41	100		
69	85.5	90.4	135.6#
39	64.2	54.6	81.8





#49

1,4-Dioxane

Concen: 439.403 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

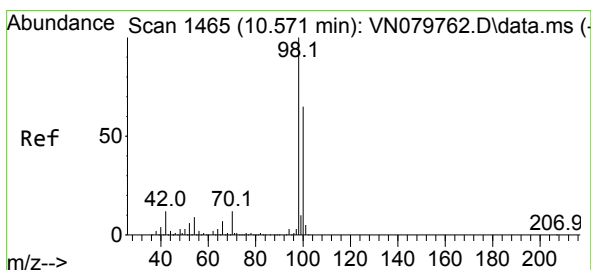
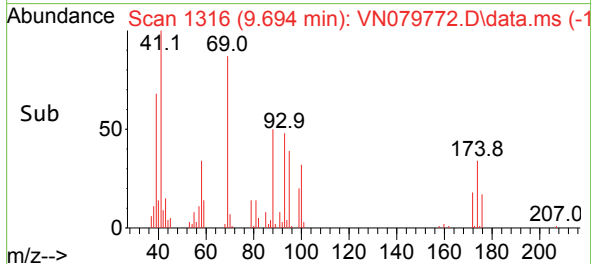
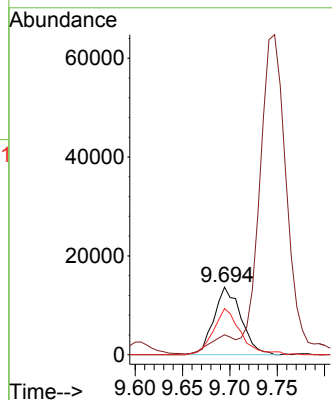
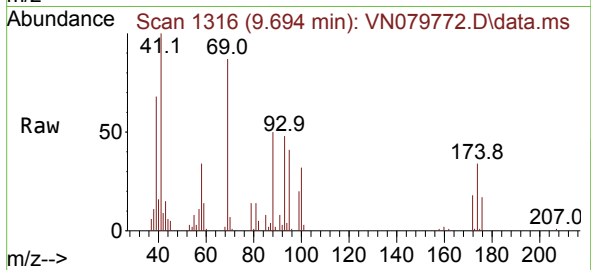
Tgt Ion: 88 Resp: 27217

Ion Ratio Lower Upper

88 100

43 27.1 17.0 25.6#

58 68.5 47.0 70.4



#50

Toluene-d8

Concen: 51.177 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079772.D

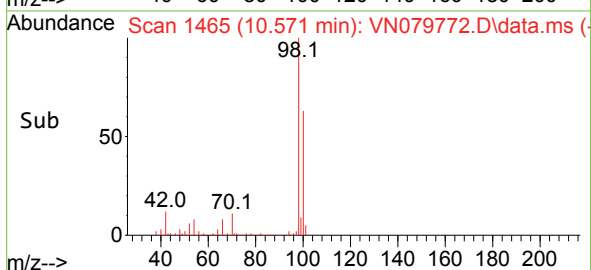
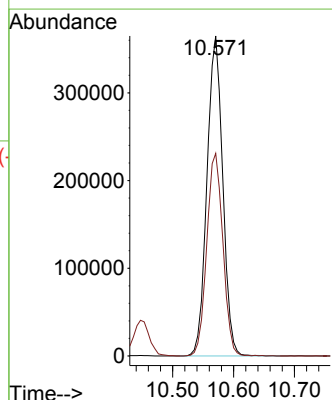
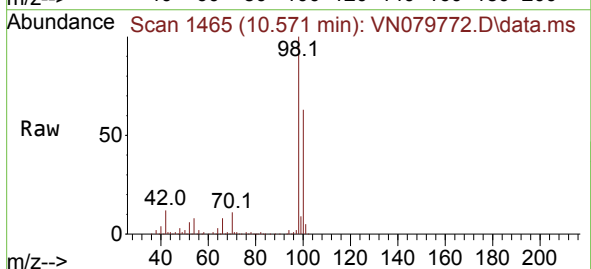
Acq: 01 Nov 2023 15:32

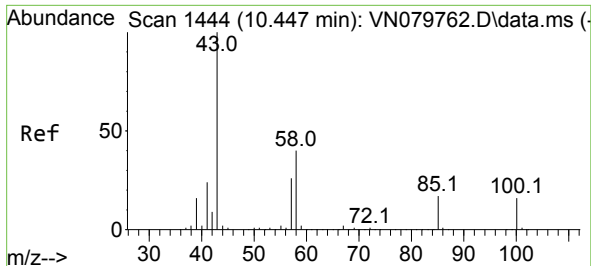
Tgt Ion: 98 Resp: 656567

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.192 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

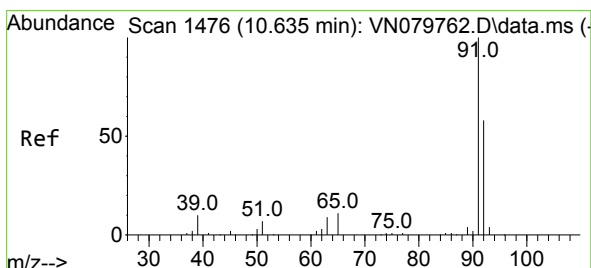
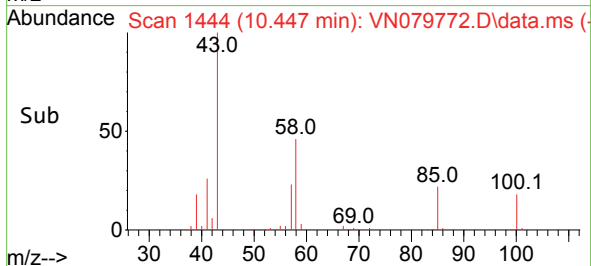
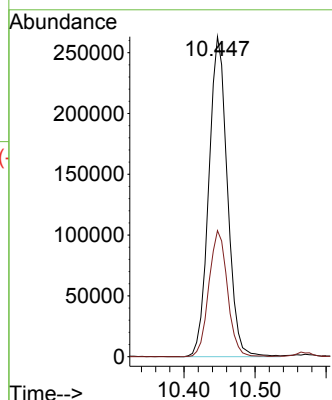
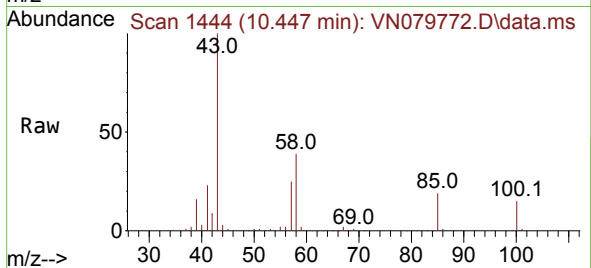
ClientSampleId :

Tgt Ion: 43 Resp: 478464

Ion Ratio Lower Upper

43 100

58 39.4 36.6 54.8



#52

Toluene

Concen: 20.139 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079772.D

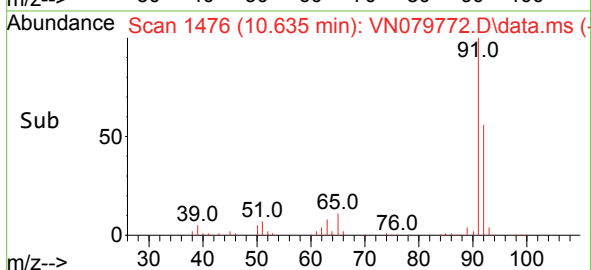
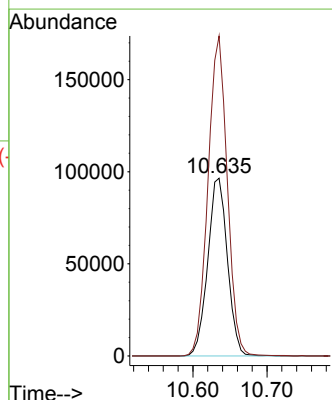
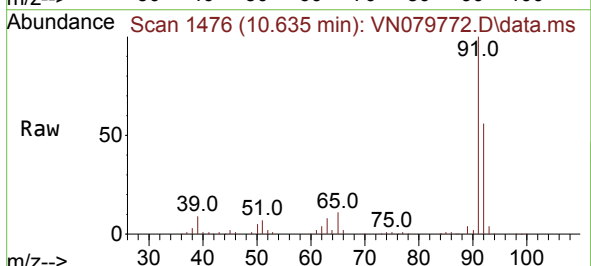
Acq: 01 Nov 2023 15:32

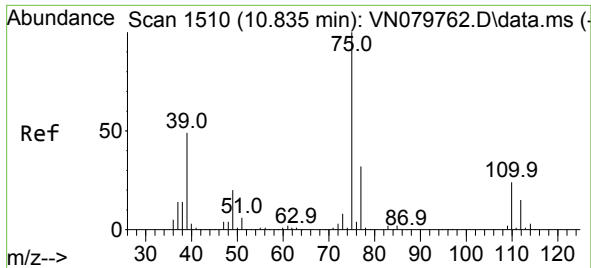
Tgt Ion: 92 Resp: 177935

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0

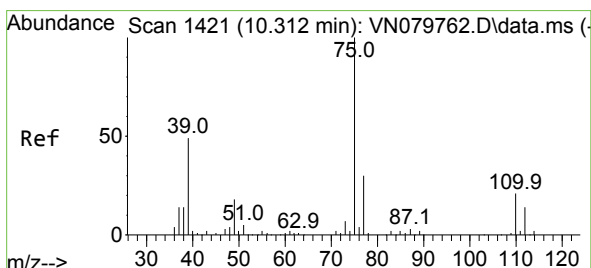
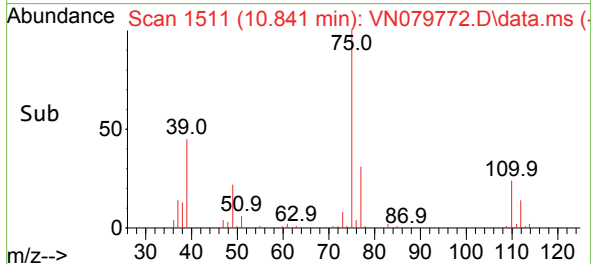
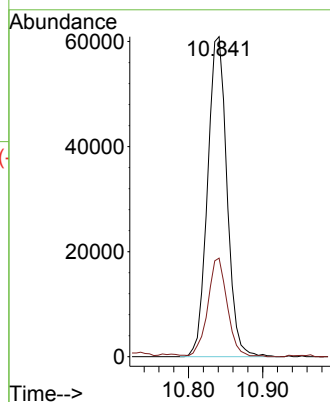
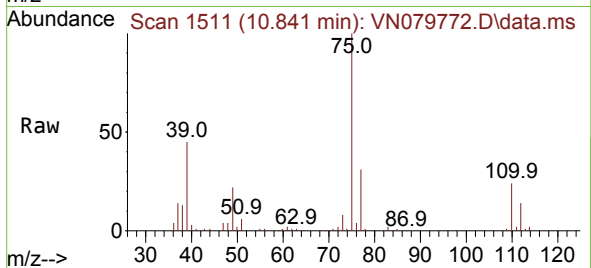




#53
 t-1,3-Dichloropropene
 Concen: 20.340 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

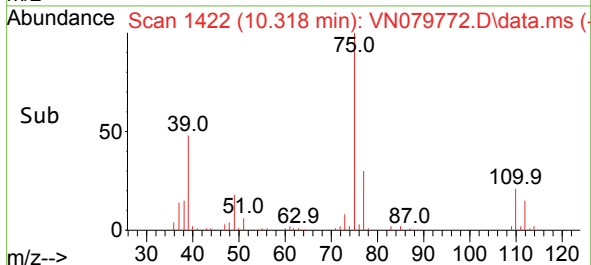
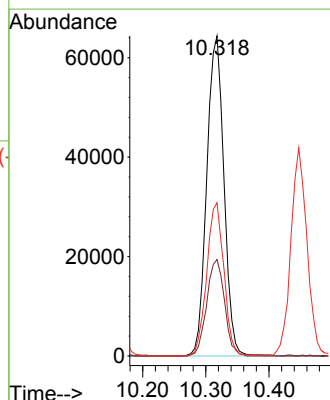
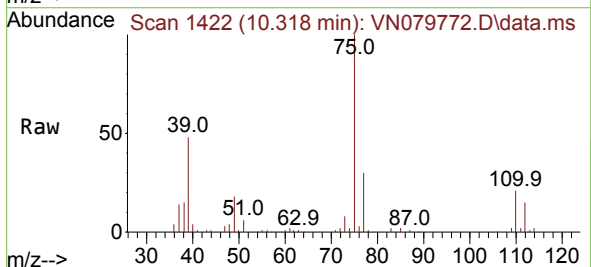
Instrument :
 MSVOA_N
 ClientSampleId :

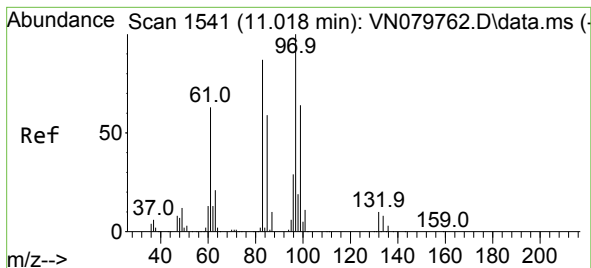
Tgt Ion: 75 Resp: 110590
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.489 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion: 75 Resp: 121426
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 47.9 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 20.630 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 73314

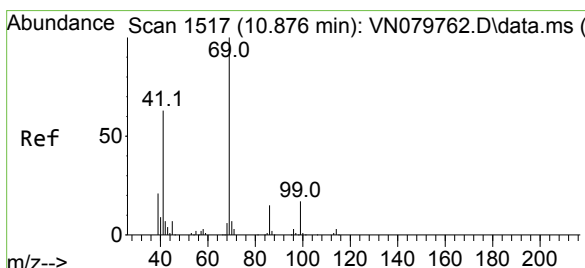
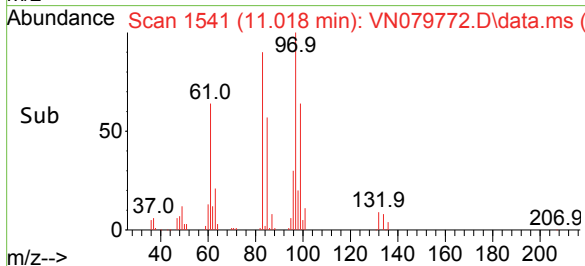
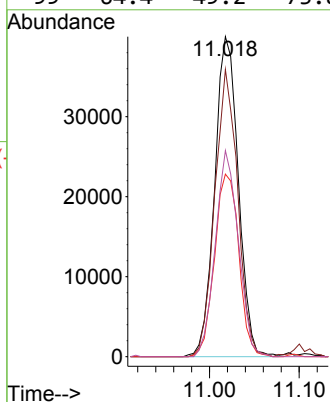
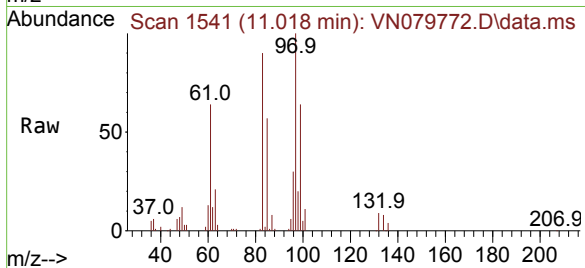
Ion Ratio Lower Upper

97 100

83 89.7 65.1 97.7

85 57.1 43.4 65.2

99 64.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.841 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

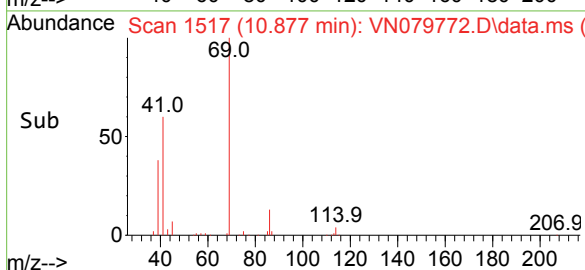
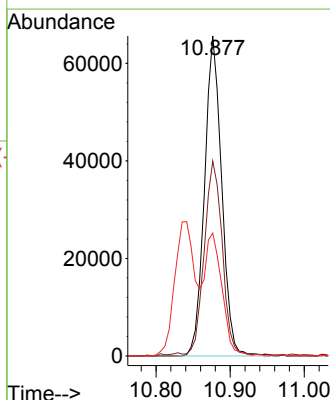
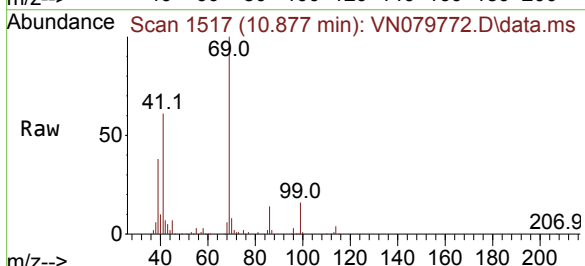
Tgt Ion: 69 Resp: 105646

Ion Ratio Lower Upper

69 100

41 65.2 39.6 59.4#

39 37.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.362 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

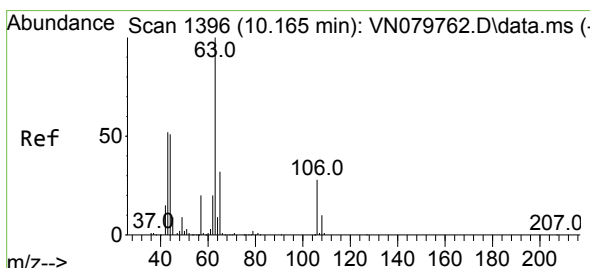
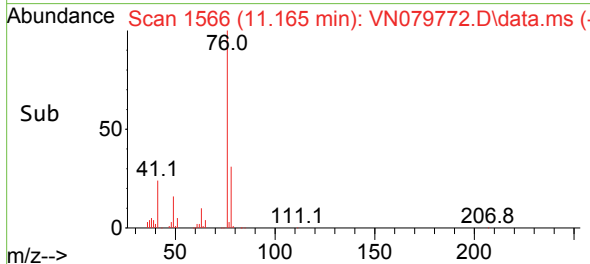
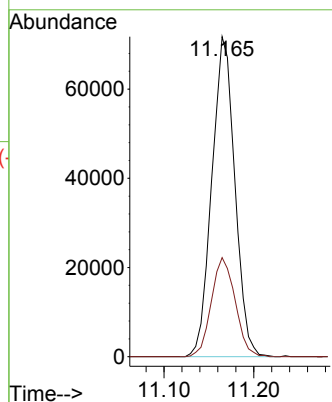
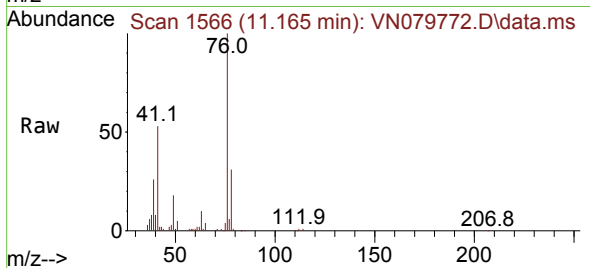
ClientSampleId :

Tgt Ion: 76 Resp: 127548

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.684 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079772.D

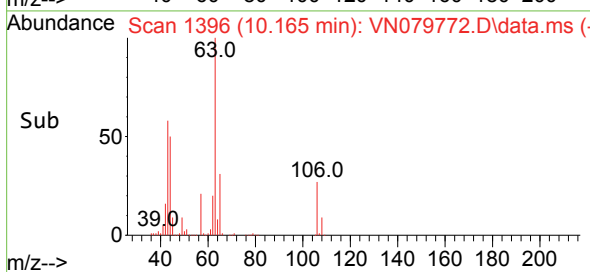
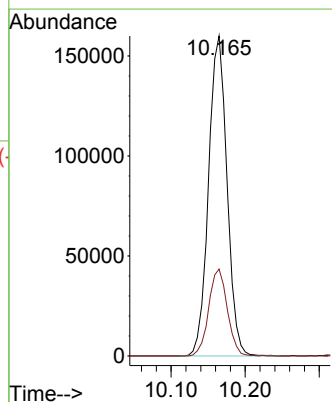
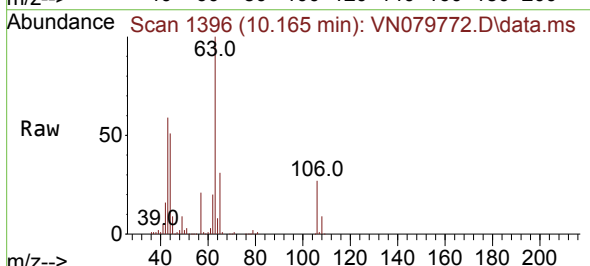
Acq: 01 Nov 2023 15:32

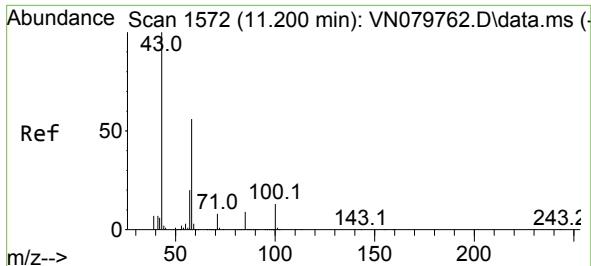
Tgt Ion: 63 Resp: 276664

Ion Ratio Lower Upper

63 100

106 27.4 26.2 39.4

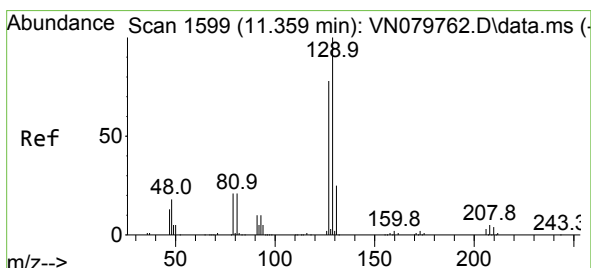
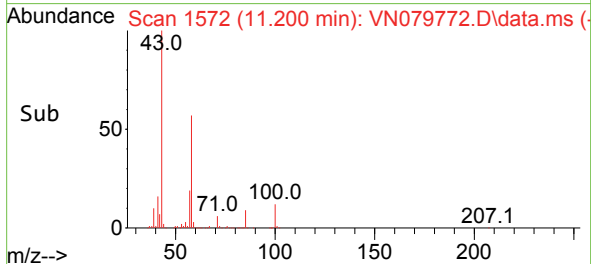
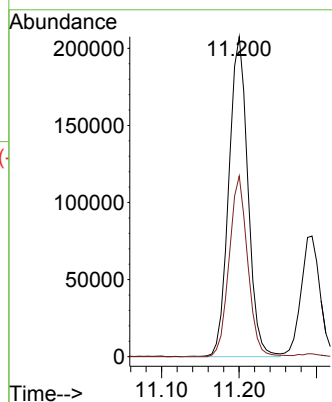
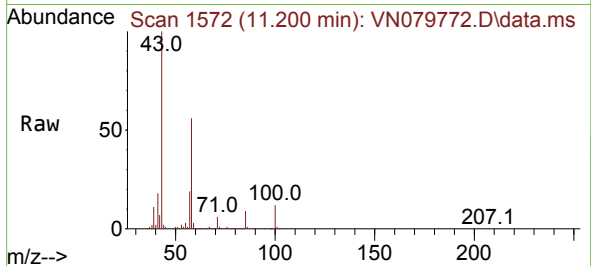




#59
2-Hexanone
Concen: 103.056 ug/l
RT: 11.200 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

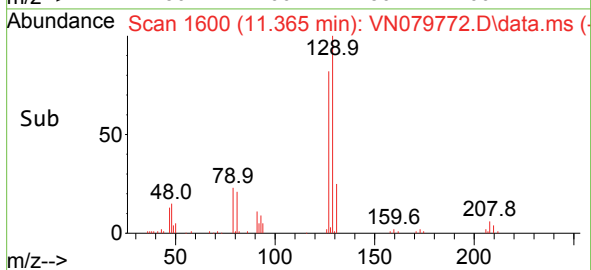
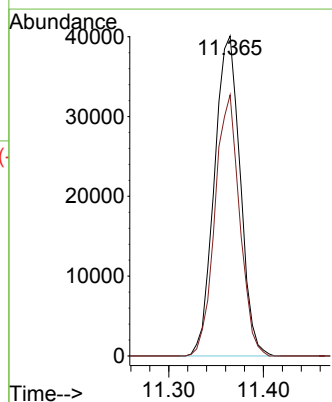
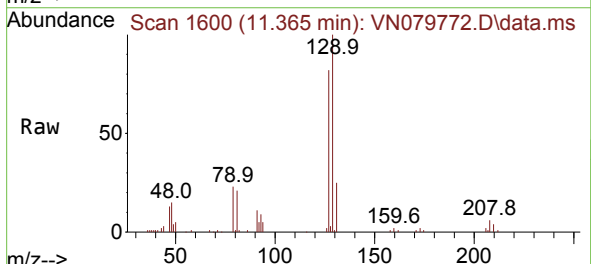
Instrument :
MSVOA_N
ClientSampleId :

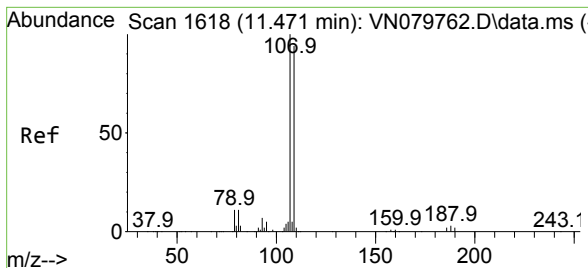
Tgt Ion: 43 Resp: 355215
Ion Ratio Lower Upper
43 100
58 54.8 31.7 95.1



#60
Dibromochloromethane
Concen: 19.977 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion:129 Resp: 75993
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

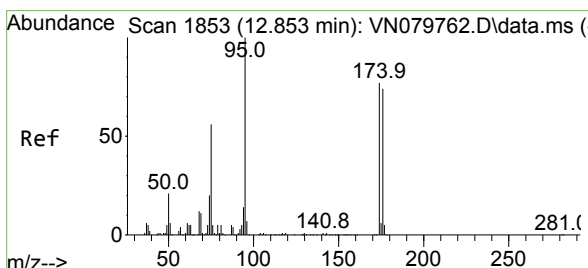
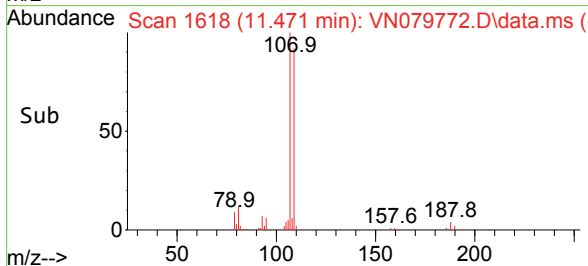
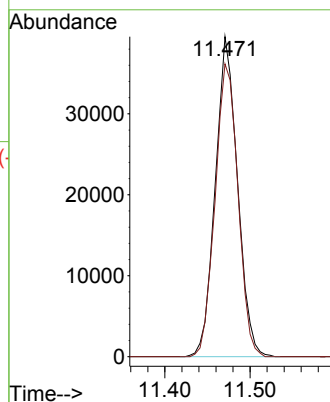
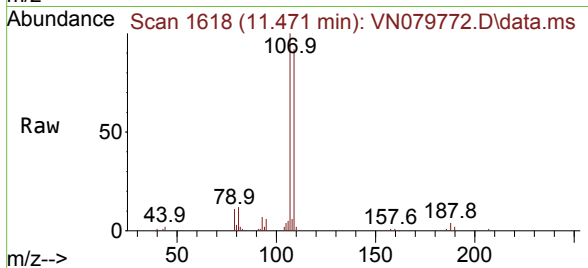




#61
1,2-Dibromoethane
Concen: 20.061 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

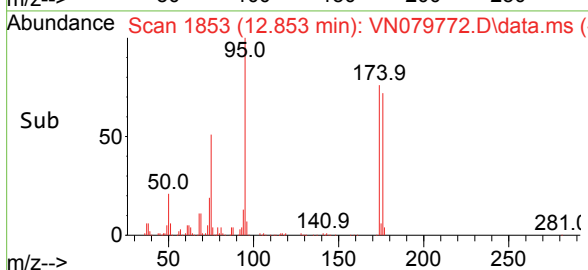
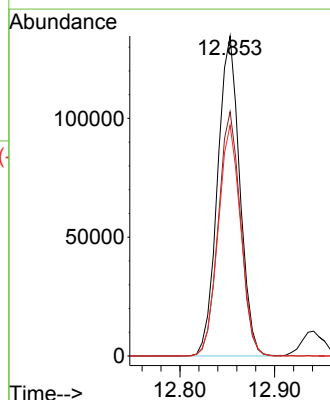
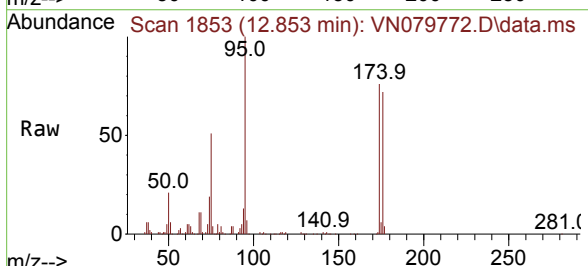
Instrument :
MSVOA_N
ClientSampleId :

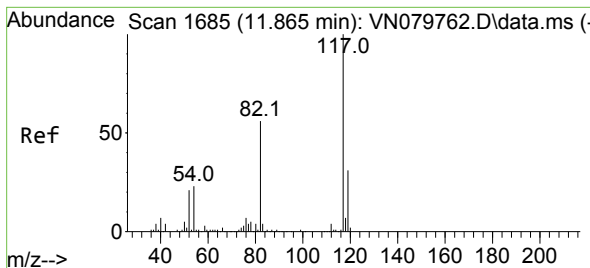
Tgt Ion:107 Resp: 71556
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.571 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 95 Resp: 219429
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.3 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: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

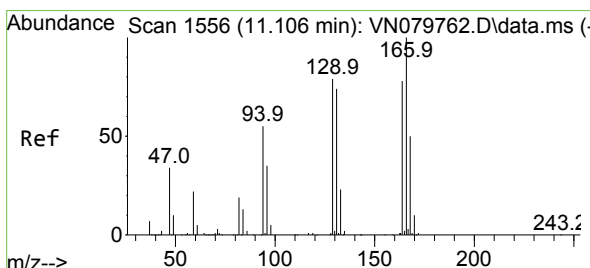
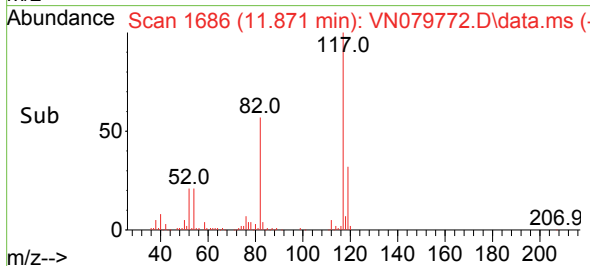
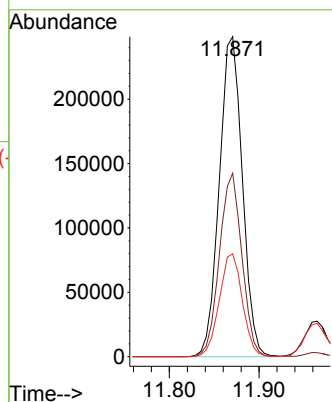
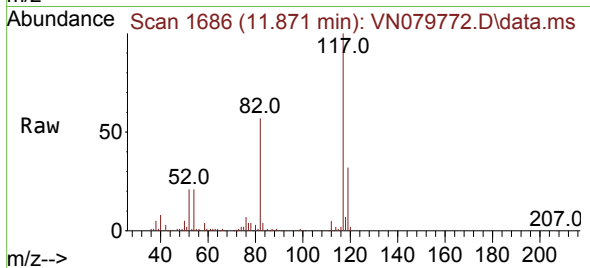
Tgt Ion:117 Resp: 443546

Ion Ratio Lower Upper

117 100

82 57.3 44.0 66.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 20.402 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Tgt Ion:164 Resp: 58609

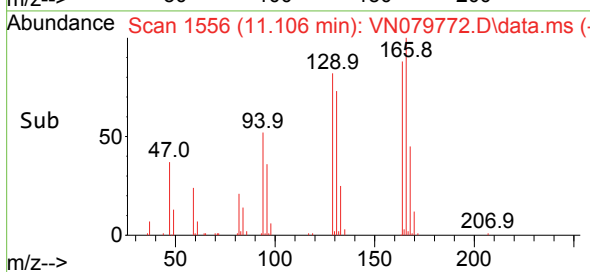
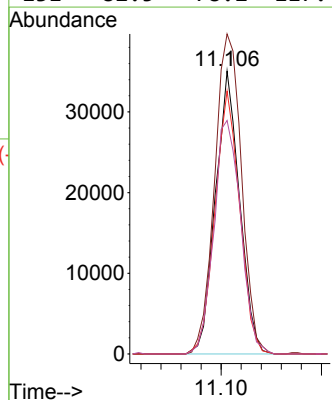
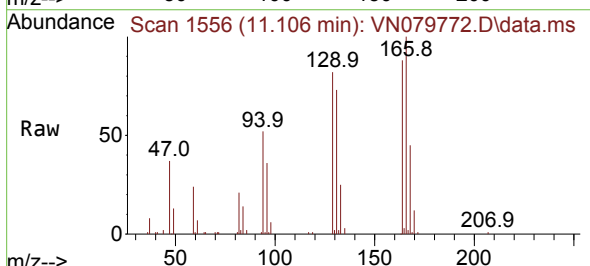
Ion Ratio Lower Upper

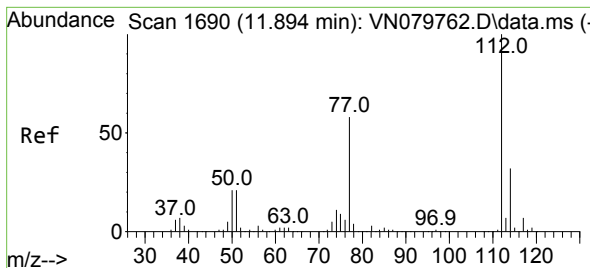
164 100

166 113.1 101.4 152.0

129 93.0 82.4 123.6

131 82.5 78.2 117.4

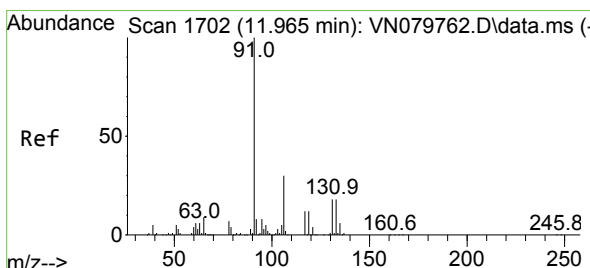
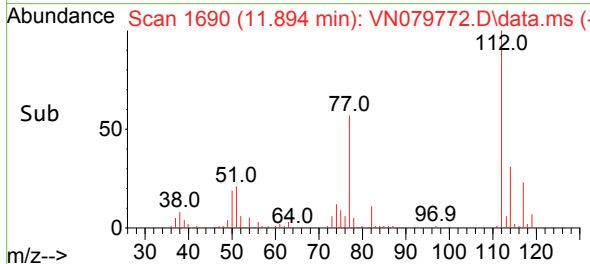
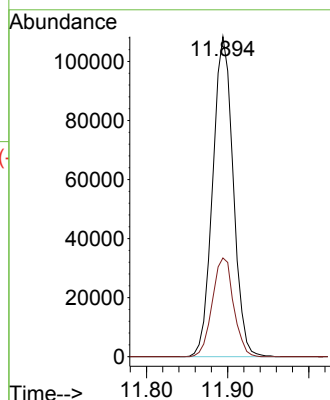
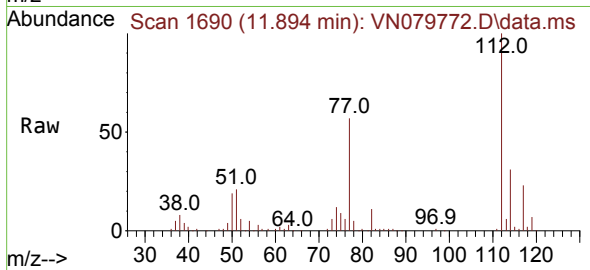




#65
Chlorobenzene
Concen: 19.717 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

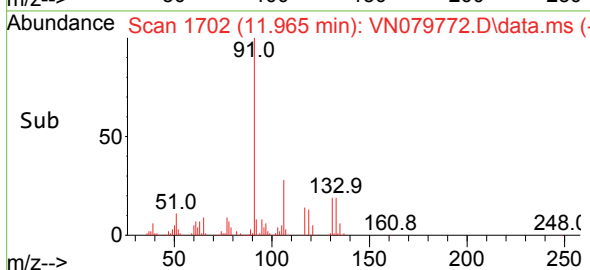
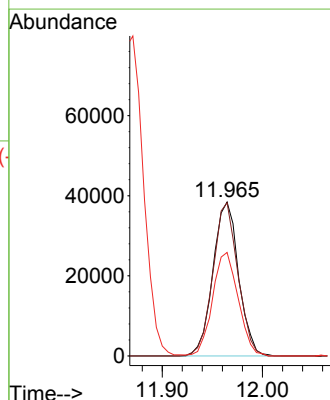
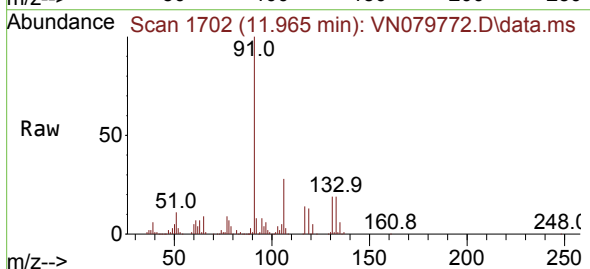
Instrument :
MSVOA_N
ClientSampleId :

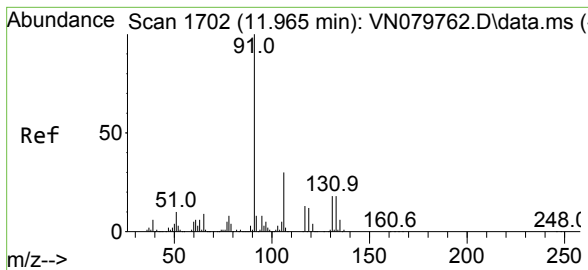
Tgt Ion:112 Resp: 189703
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.694 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

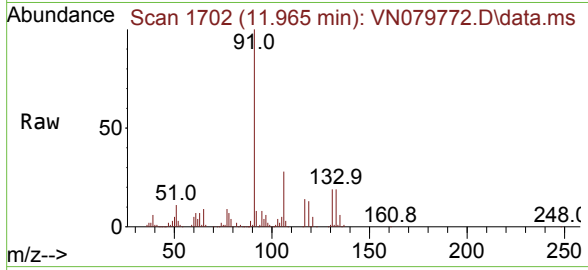
Tgt Ion:131 Resp: 68270
Ion Ratio Lower Upper
131 100
133 97.0 46.4 139.1
119 67.4 34.1 102.2



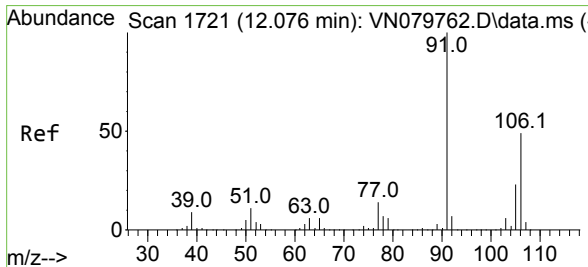
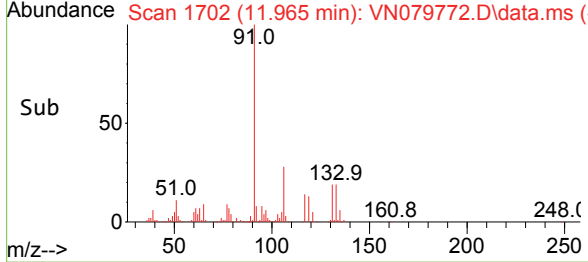
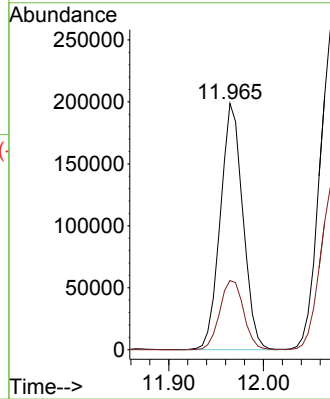


#67
Ethyl Benzene
Concen: 19.643 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Instrument :
MSVOA_N
ClientSampleId :

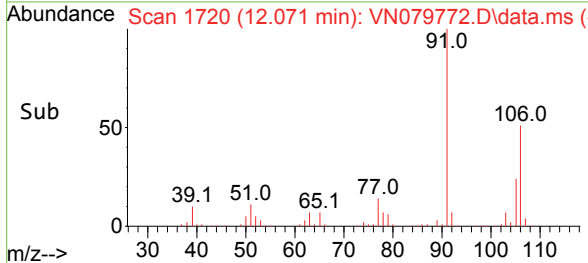
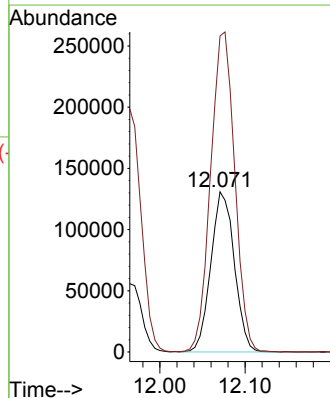
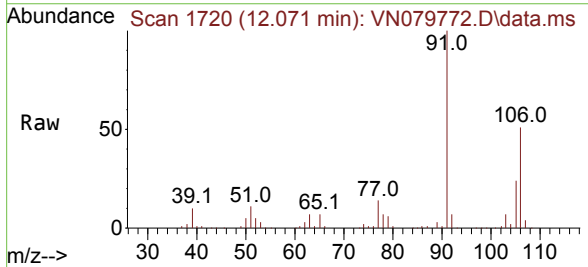


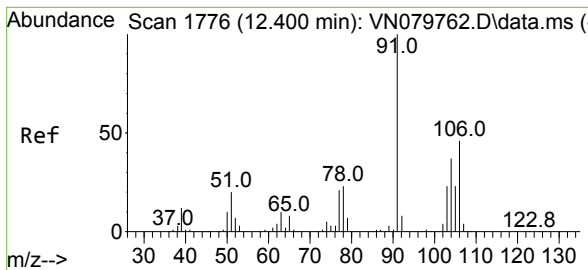
Tgt Ion: 91 Resp: 329280
Ion Ratio Lower Upper
91 100
106 28.1 25.6 38.4



#68
m/p-Xylenes
Concen: 40.201 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 106 Resp: 251030
Ion Ratio Lower Upper
106 100
91 205.1 159.6 239.4

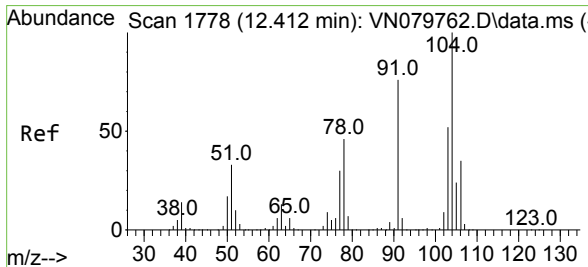
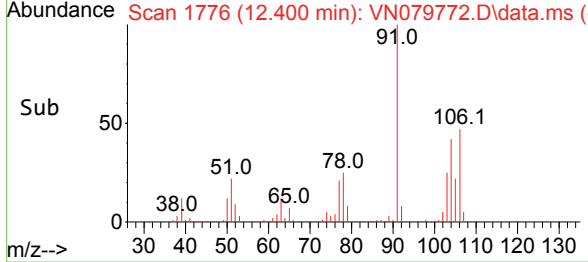
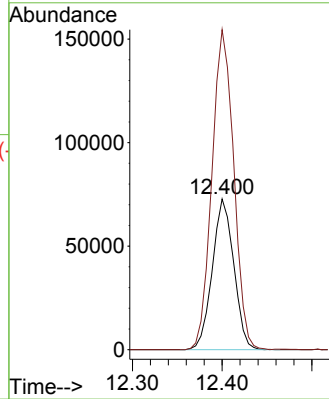
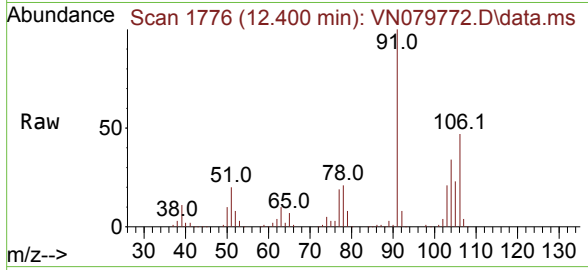




#69
o-Xylene
Concen: 20.130 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

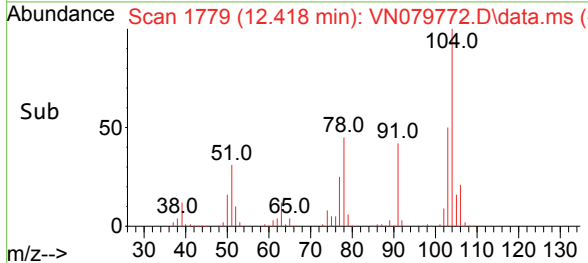
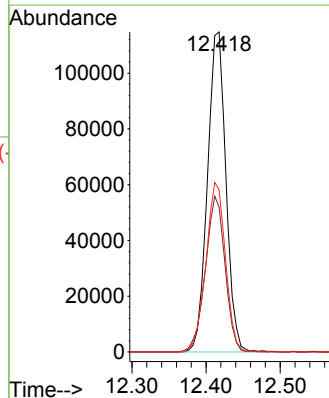
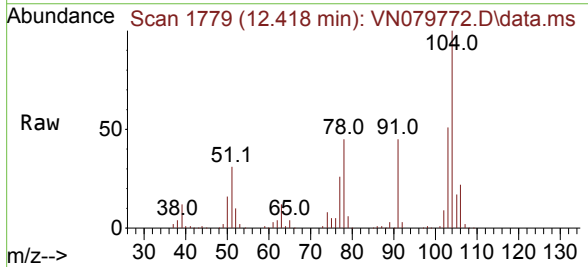
Instrument :
MSVOA_N
ClientSampleId :

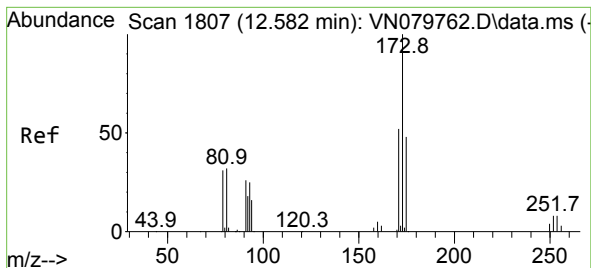
Tgt Ion:106 Resp: 121043
Ion Ratio Lower Upper
106 100
91 215.9 105.2 315.5



#70
Styrene
Concen: 20.586 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion:104 Resp: 198934
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 20.874 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

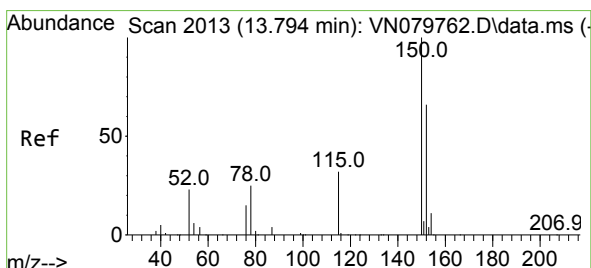
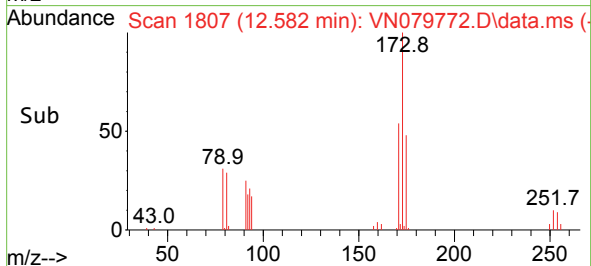
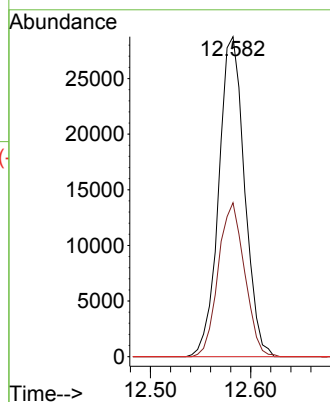
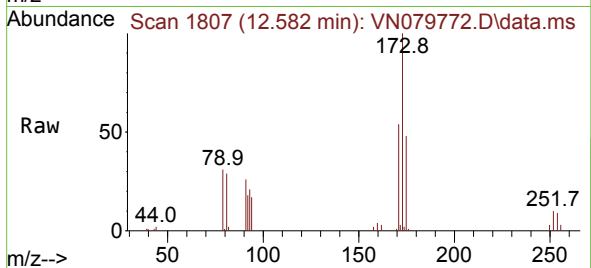
Tgt Ion:173 Resp: 51380

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

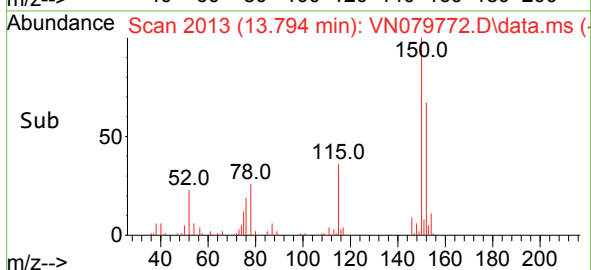
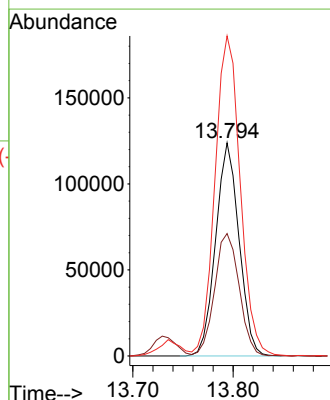
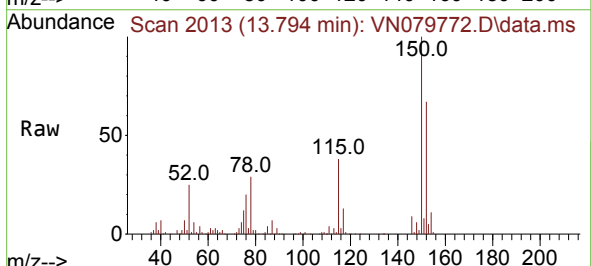
Tgt Ion:152 Resp: 200141

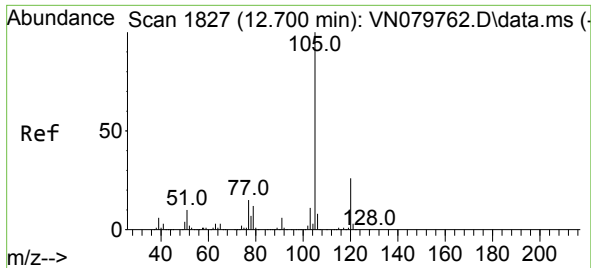
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 162.0 0.0 355.8

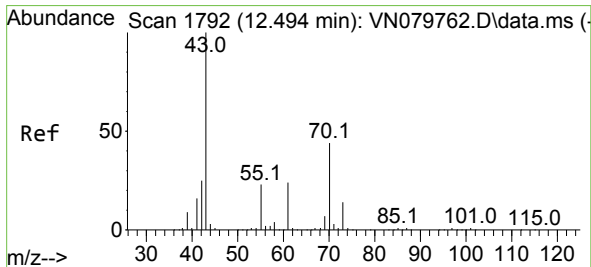
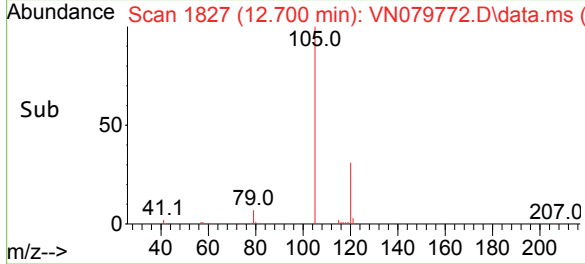
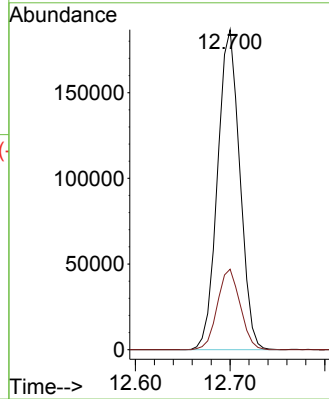
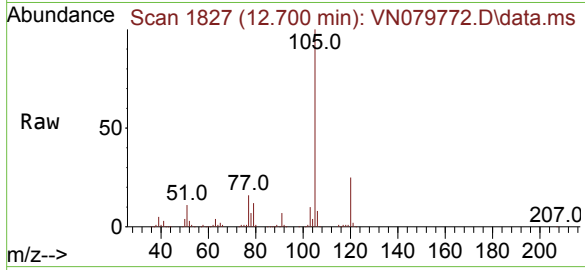




#73
Isopropylbenzene
Concen: 20.050 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

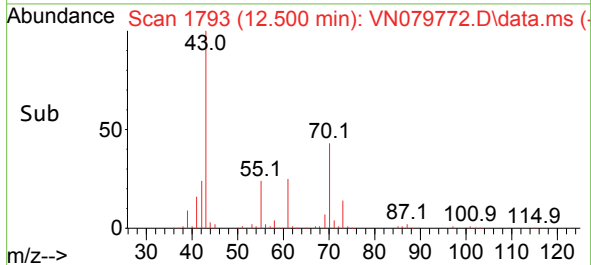
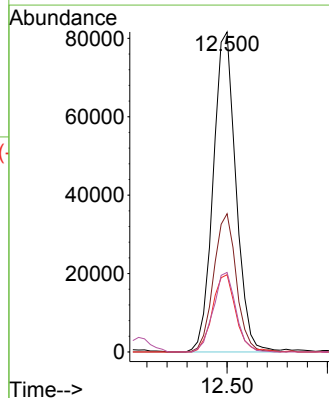
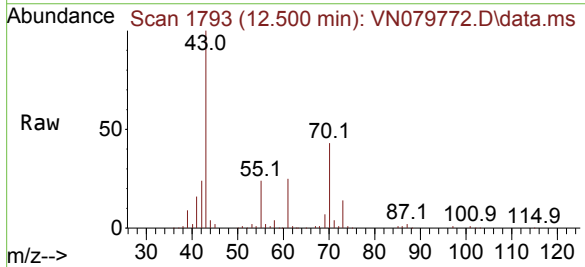
Instrument :
MSVOA_N
ClientSampleId :

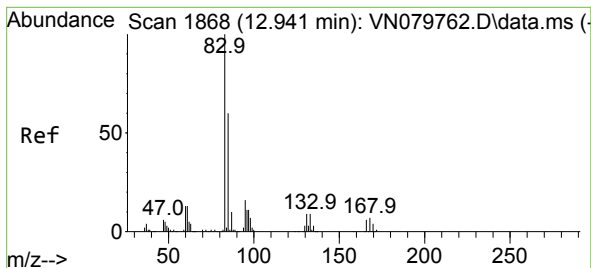
Tgt Ion:105 Resp: 304555
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 19.408 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 43 Resp: 128674
Ion Ratio Lower Upper
43 100
70 43.2 43.4 65.2#
55 24.7 21.4 32.0
61 24.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.537 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

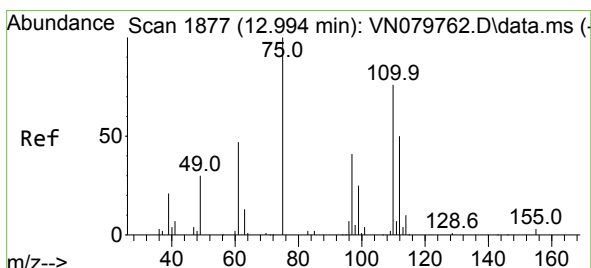
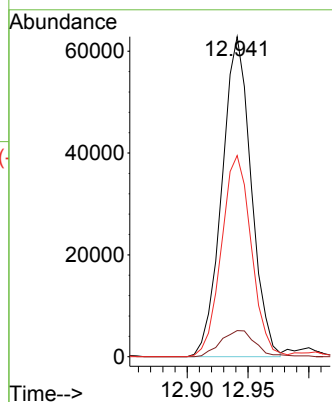
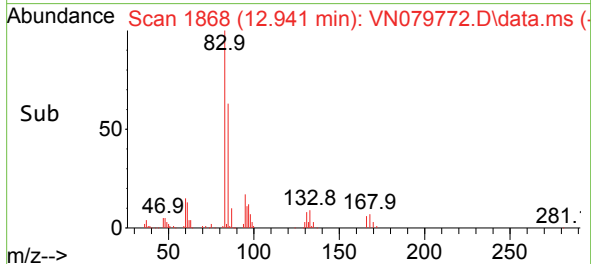
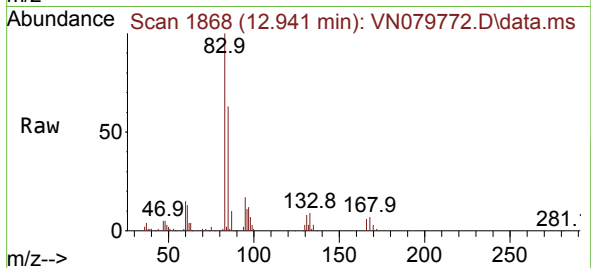
Tgt Ion: 83 Resp: 105217

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.621 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079772.D

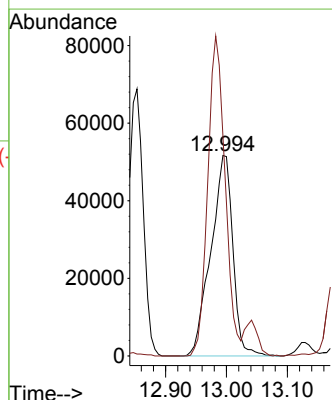
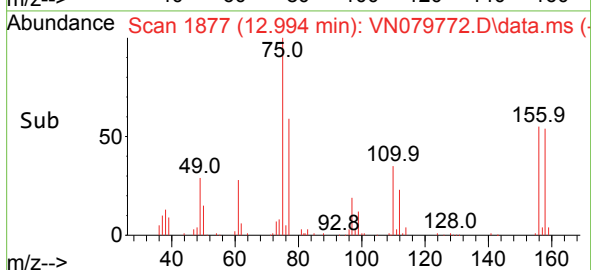
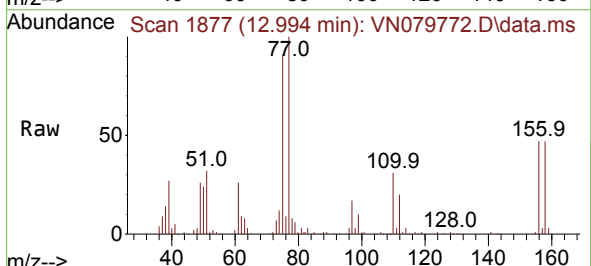
Acq: 01 Nov 2023 15:32

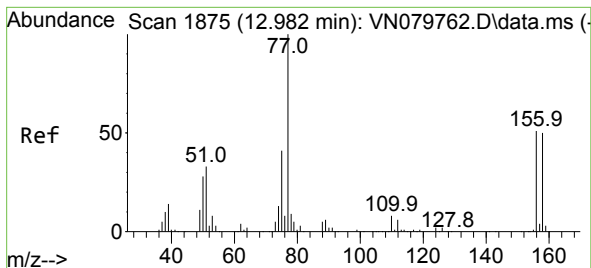
Tgt Ion: 75 Resp: 129785

Ion Ratio Lower Upper

75 100

77 126.2 84.5 253.5





#77

Bromobenzene

Concen: 20.014 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079772.D

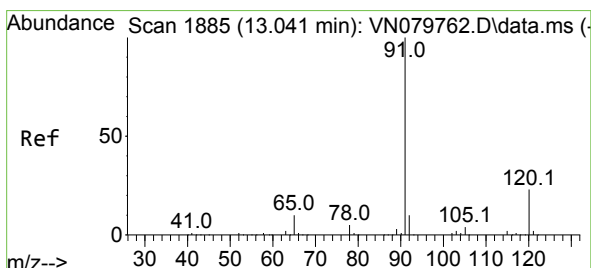
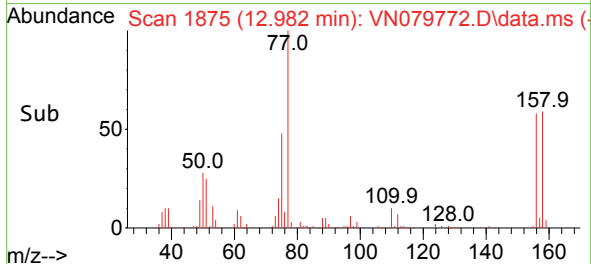
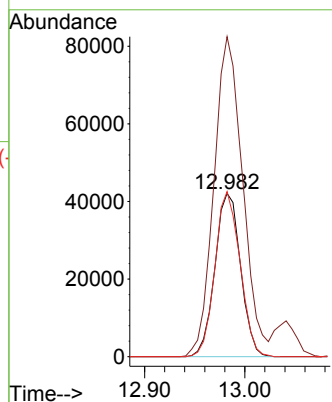
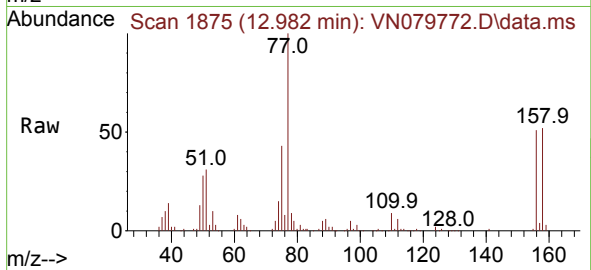
Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	74426
Ion Ratio	Lower	Upper	
156	100		
77	220.0	107.7	323.3
158	99.1	48.4	145.3



#78

n-propylbenzene

Concen: 20.469 ug/l

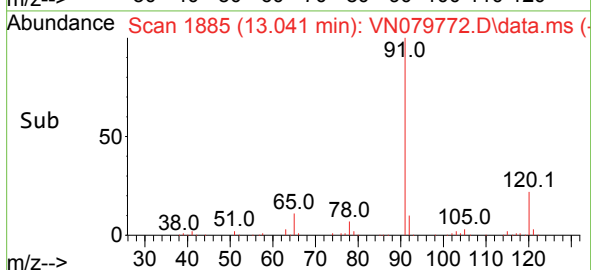
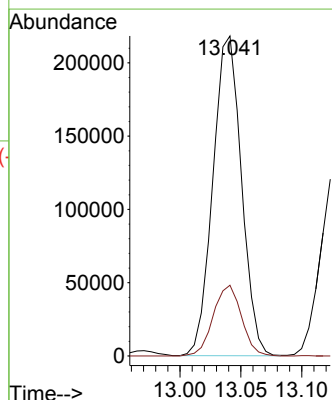
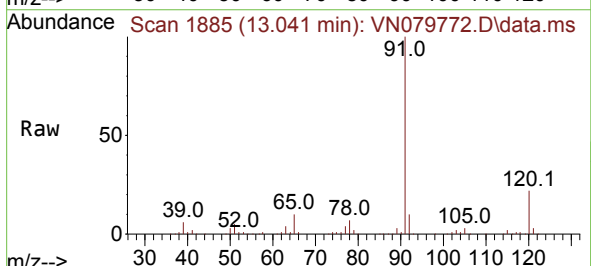
RT: 13.041 min Scan# 1885

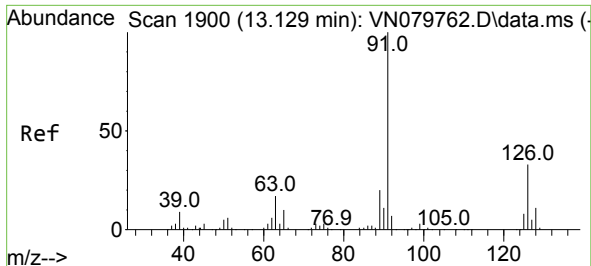
Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Tgt Ion:	91	Resp:	356052
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4

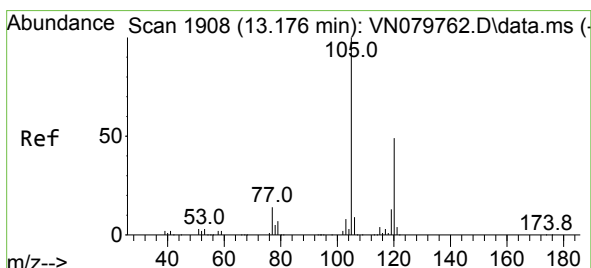
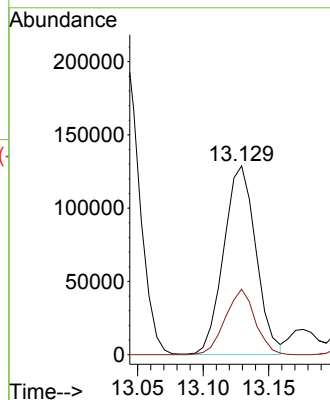
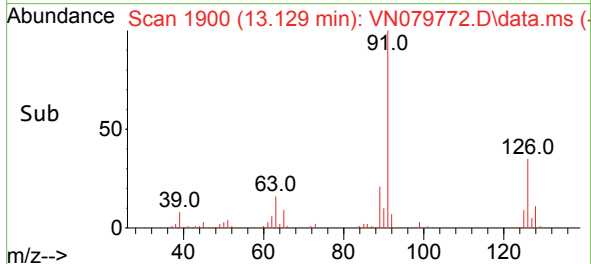
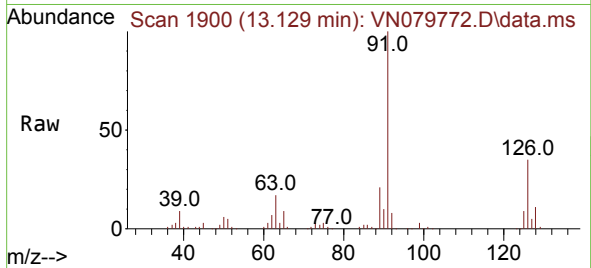




#79
2-Chlorotoluene
Concen: 19.830 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

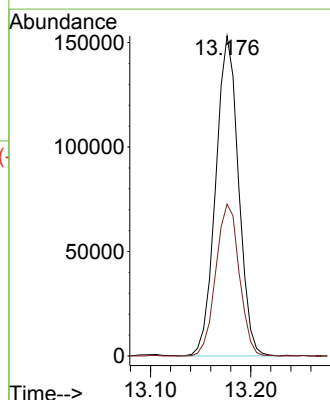
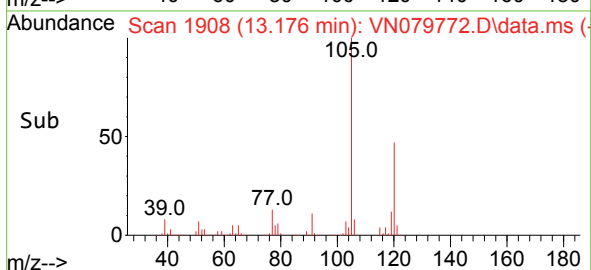
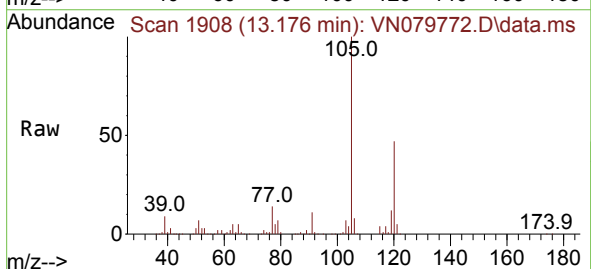
Instrument :
MSVOA_N
ClientSampleId :

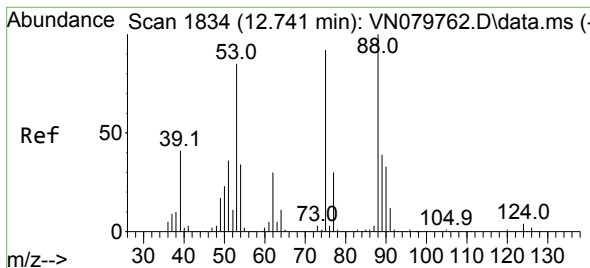
Tgt Ion: 91 Resp: 220347
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.483 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 105 Resp: 242068
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

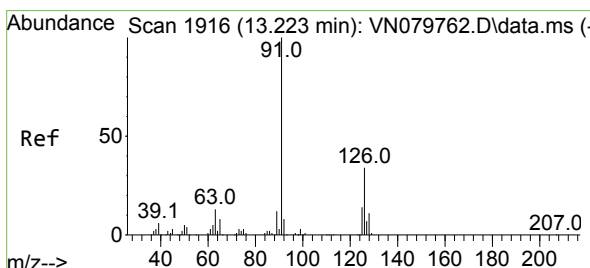
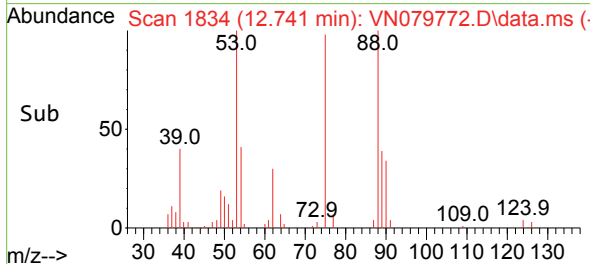
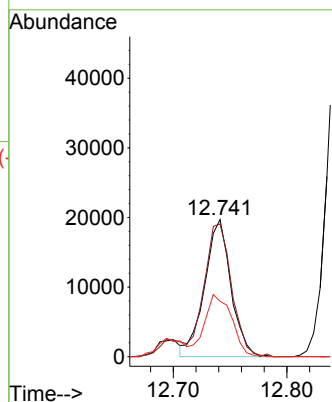
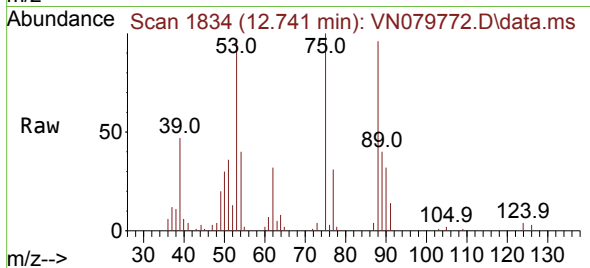




#81
trans-1,4-Dichloro-2-butene
Concen: 18.315 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

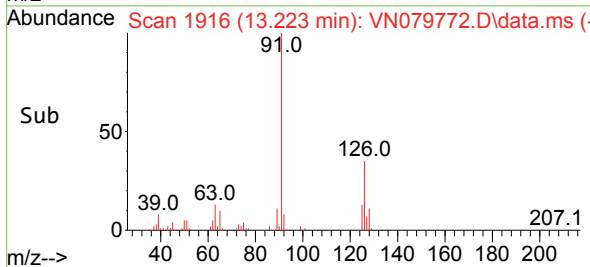
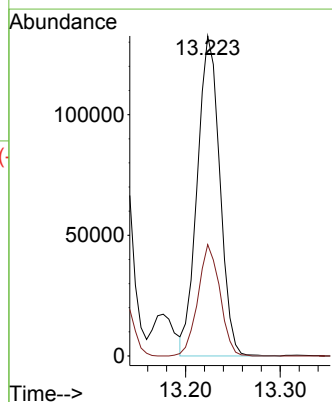
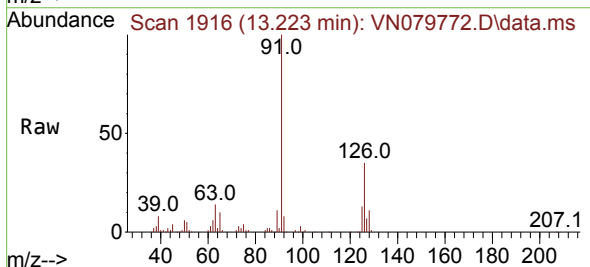
Instrument :
MSVOA_N
ClientSampleId :

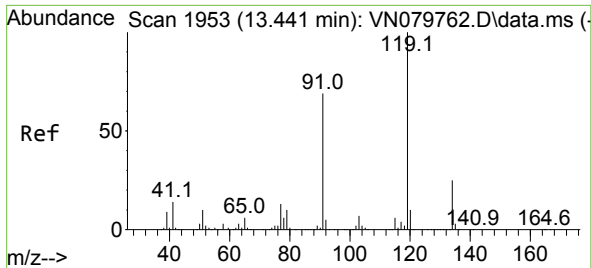
Tgt Ion: 75 Resp: 31630
Ion Ratio Lower Upper
75 100
53 100.7 67.4 101.2
89 47.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.855 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 91 Resp: 219245
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0

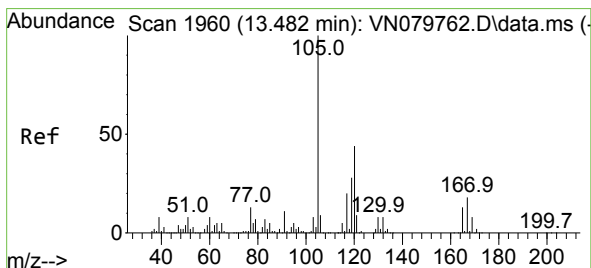
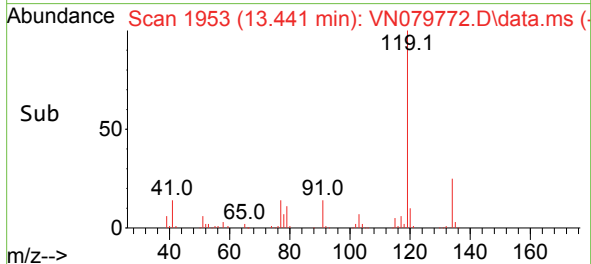
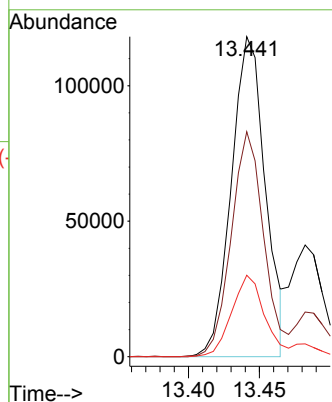
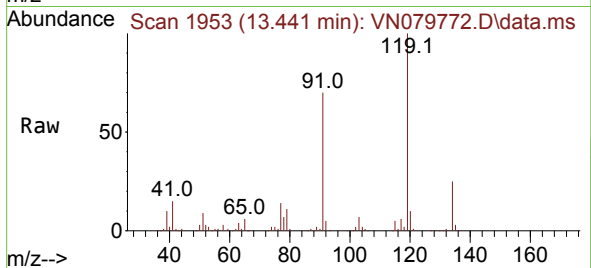




#83
 tert-Butylbenzene
 Concen: 20.312 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

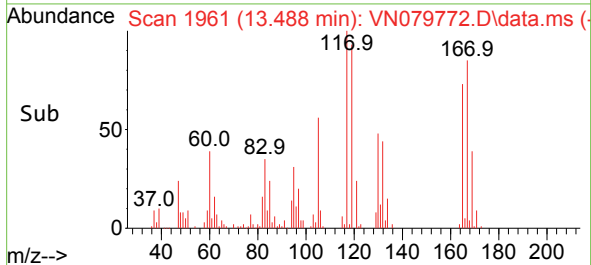
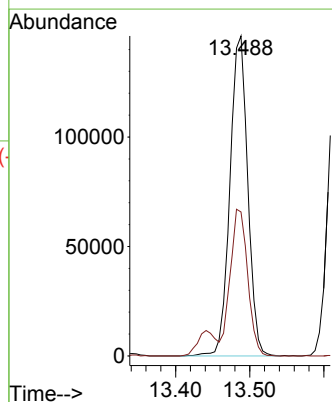
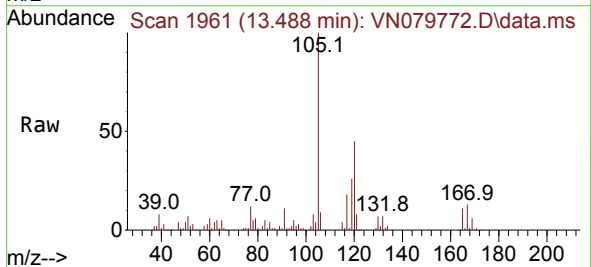
Instrument :
 MSVOA_N
 ClientSampleId :

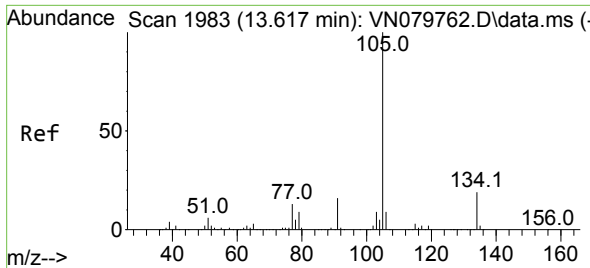
Tgt Ion:119 Resp: 196491
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.9 101.7
 134 24.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.948 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion:105 Resp: 243562
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0

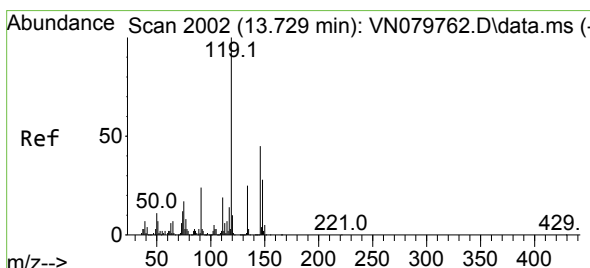
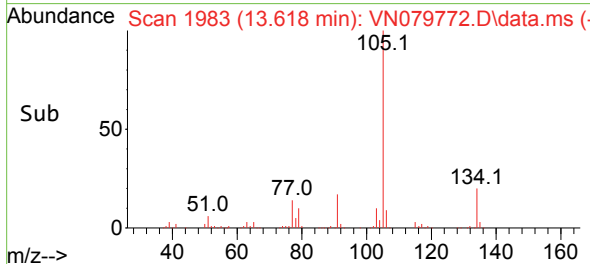
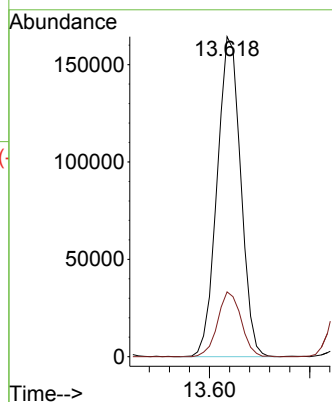
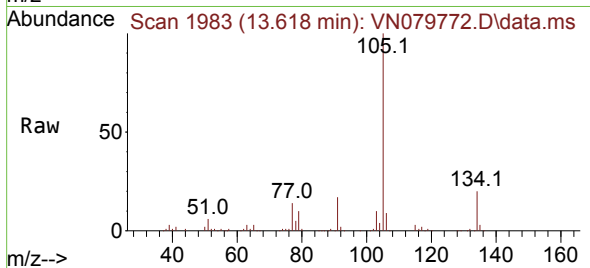




#85
 sec-Butylbenzene
 Concen: 20.043 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

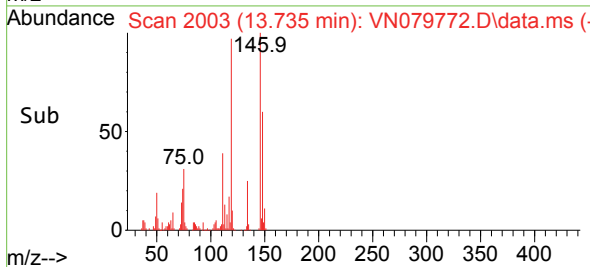
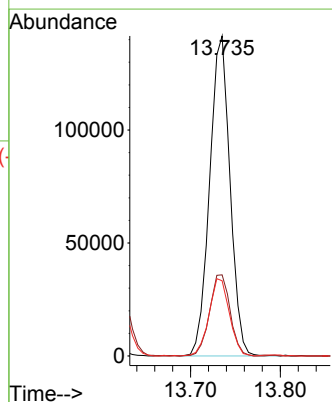
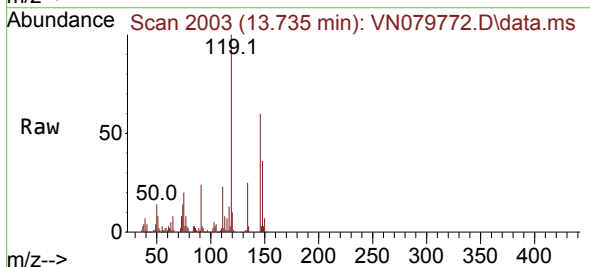
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 268621
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.432 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion:119 Resp: 223257
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.2 12.4 37.2

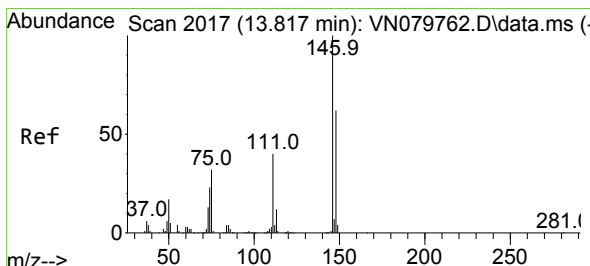
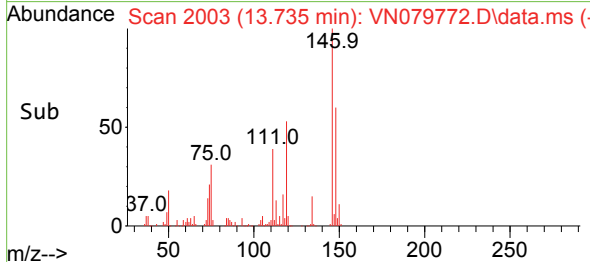
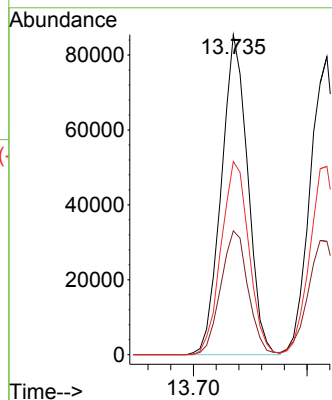
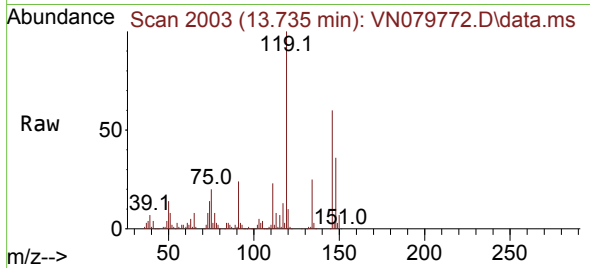




#87
 1,3-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

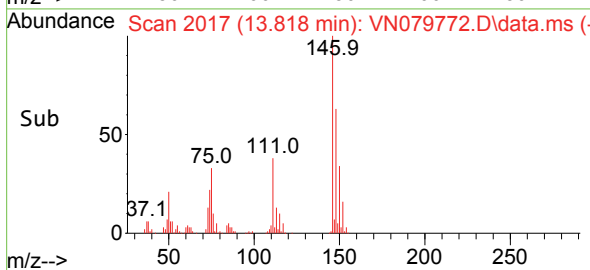
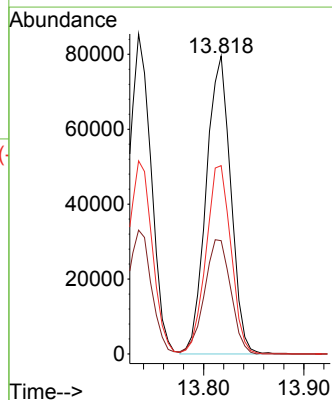
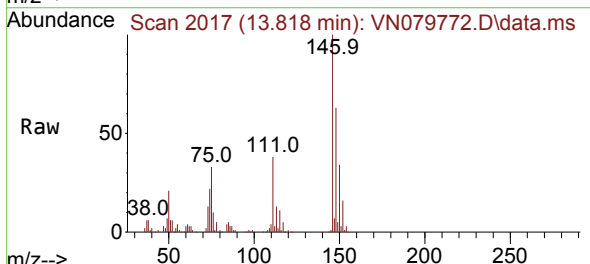
Instrument :
 MSVOA_N
 ClientSampleId :

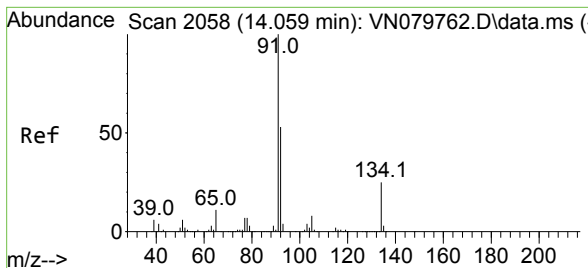
Tgt Ion:146 Resp: 137775
 Ion Ratio Lower Upper
 146 100
 111 40.1 22.1 66.3
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.290 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079772.D
 Acq: 01 Nov 2023 15:32

Tgt Ion:146 Resp: 135452
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 19.527 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

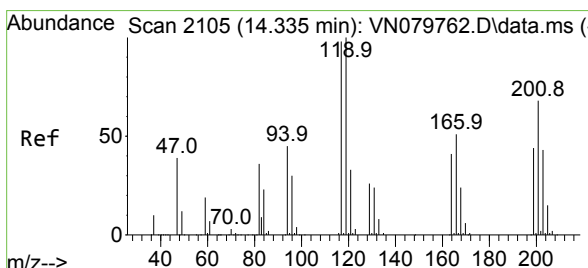
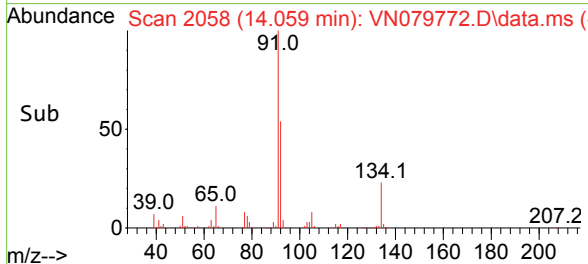
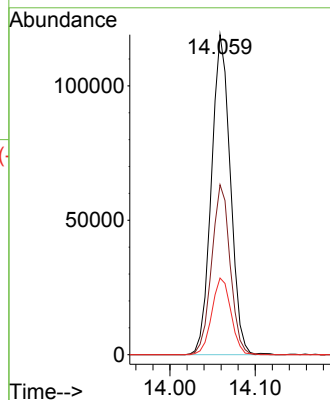
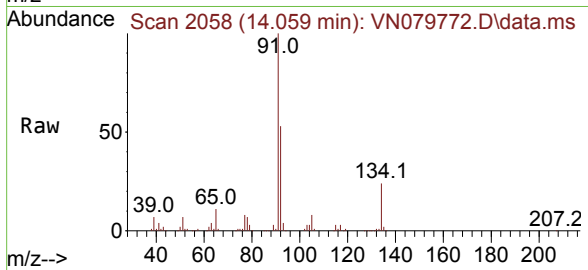
Tgt Ion: 91 Resp: 183774

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 24.2 12.6 37.6



#90

Hexachloroethane

Concen: 19.435 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079772.D

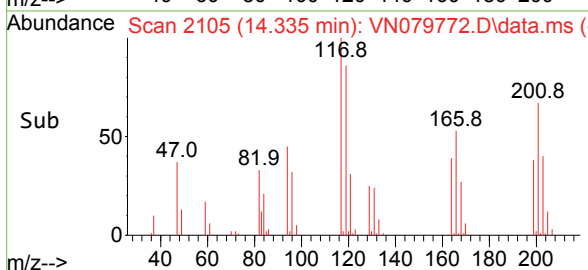
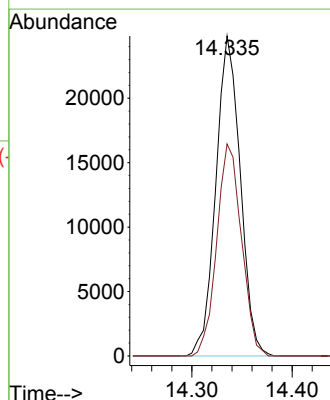
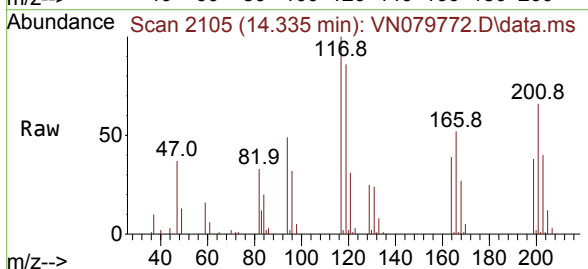
Acq: 01 Nov 2023 15:32

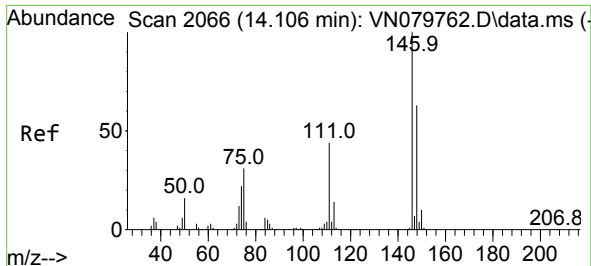
Tgt Ion: 117 Resp: 42058

Ion Ratio Lower Upper

117 100

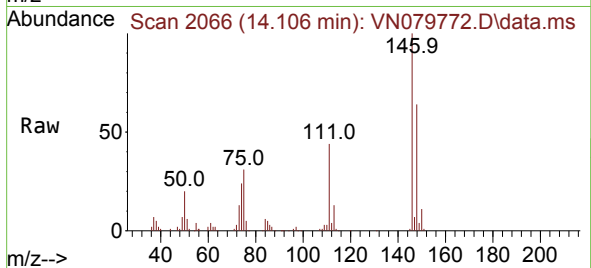
201 67.0 29.3 88.0



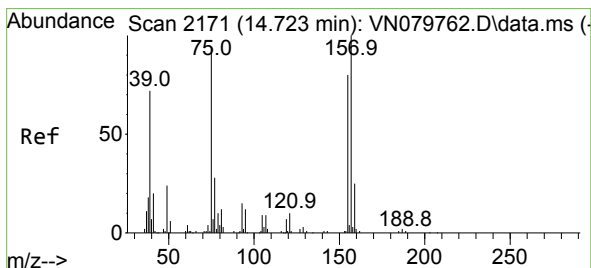
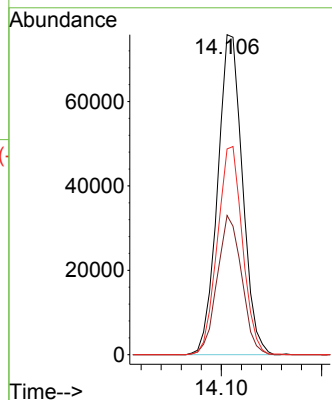
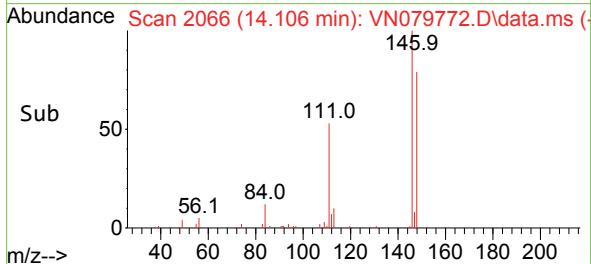


#91
1,2-Dichlorobenzene
Concen: 19.982 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Instrument :
MSVOA_N
ClientSampleId :

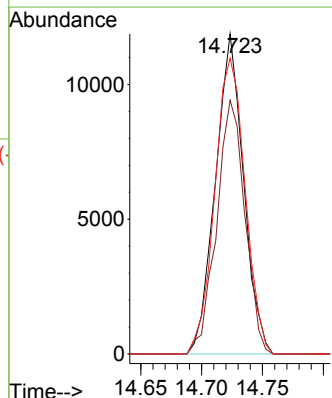
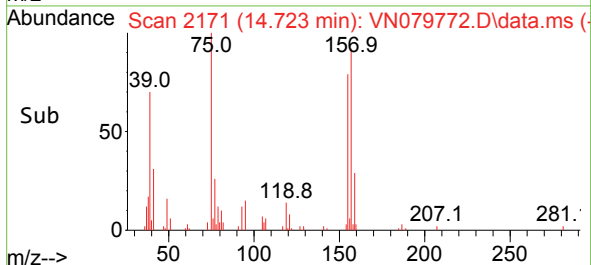
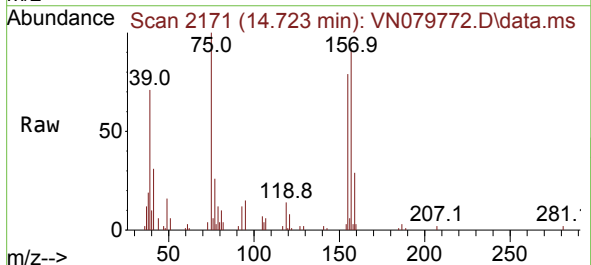


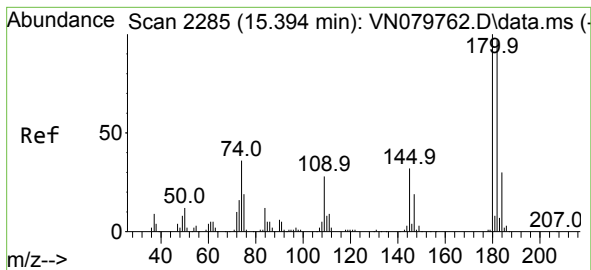
Tgt Ion:146 Resp: 130497
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 65.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.815 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079772.D
Acq: 01 Nov 2023 15:32

Tgt Ion: 75 Resp: 19010
Ion Ratio Lower Upper
75 100
155 80.2 39.1 117.2
157 100.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.982 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

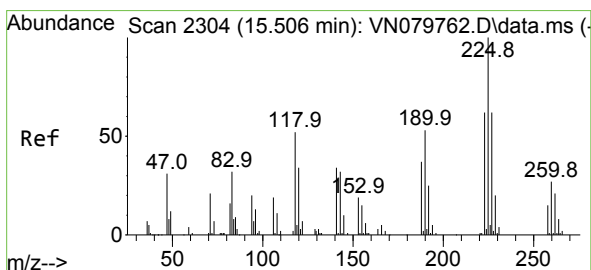
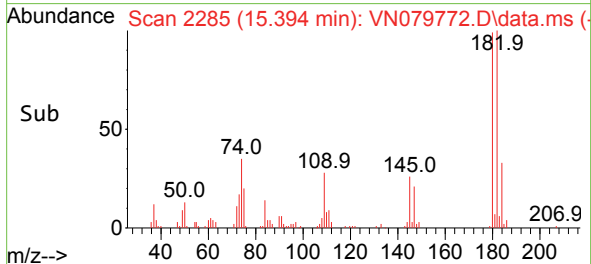
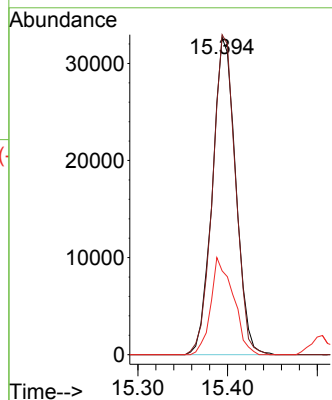
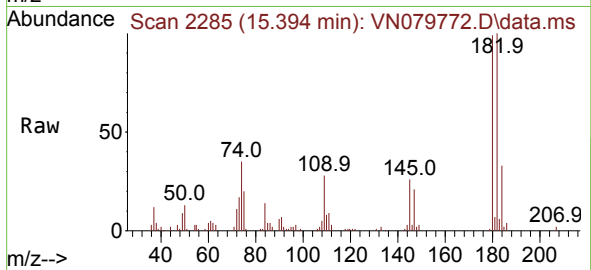
Tgt Ion:180 Resp: 58945

Ion Ratio Lower Upper

180 100

182 99.0 46.1 138.2

145 29.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.476 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

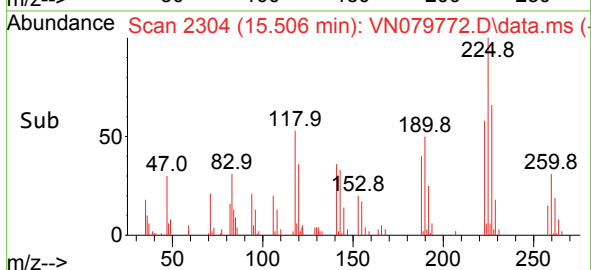
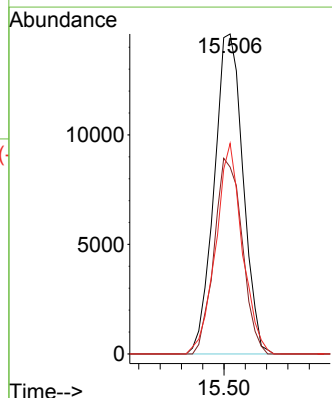
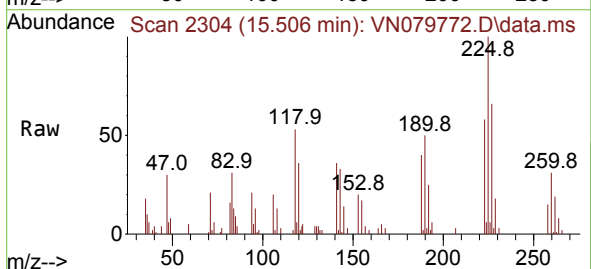
Tgt Ion:225 Resp: 27416

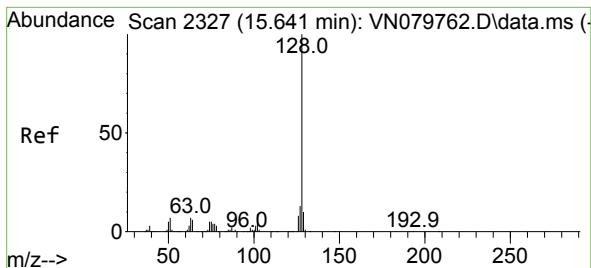
Ion Ratio Lower Upper

225 100

223 59.4 31.3 93.8

227 60.6 31.9 95.9





#95

Naphthalene

Concen: 18.282 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

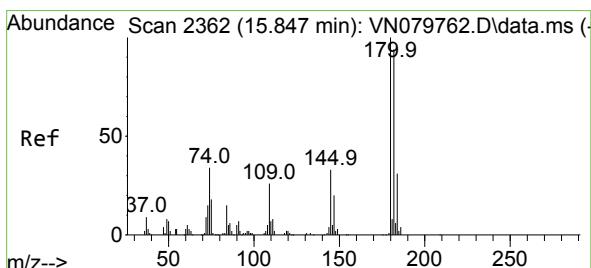
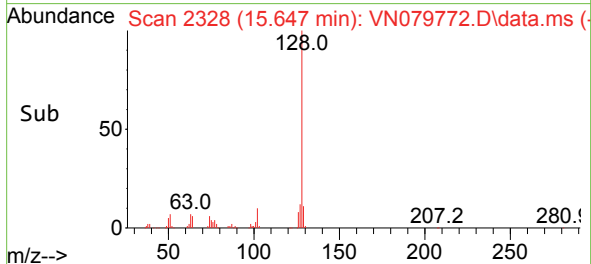
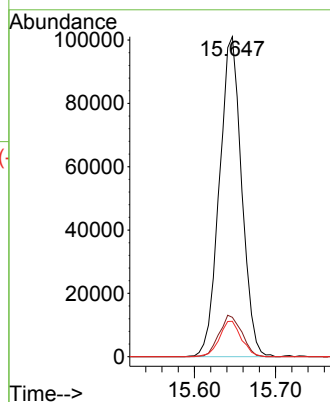
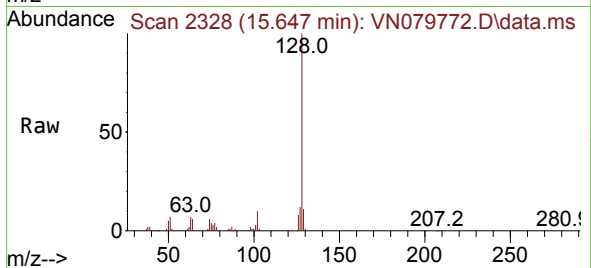
Tgt Ion:128 Resp: 192522

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.455 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079772.D

Acq: 01 Nov 2023 15:32

Tgt Ion:180 Resp: 59218

Ion Ratio Lower Upper

180 100

182 91.9 46.2 138.6

145 32.4 17.5 52.6

