

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078224.D
 Acq On : 15 Jun 2023 13:32
 Operator : JC\MD
 Sample : VN0615MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBS01

Quant Time: Jun 16 06:05:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	345260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	619177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269189	58.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.960%	
35) Dibromofluoromethane	8.177	113	222936	56.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.880%	
50) Toluene-d8	10.571	98	817806	54.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.853	95	250413	53.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69425	17.789	ug/l	94
3) Chloromethane	2.371	50	76787	19.812	ug/l	99
4) Vinyl Chloride	2.524	62	95223	18.633	ug/l	98
5) Bromomethane	2.965	94	75618	19.579	ug/l	99
6) Chloroethane	3.130	64	71443	20.507	ug/l	96
7) Trichlorofluoromethane	3.506	101	134282	19.376	ug/l	98
8) Diethyl Ether	3.971	74	50149	20.594	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	76217	20.839	ug/l	99
10) Methyl Iodide	4.594	142	100273	19.386	ug/l	94
11) Tert butyl alcohol	5.530	59	62436	98.227	ug/l	99
12) 1,1-Dichloroethene	4.347	96	70581	18.721	ug/l	91
13) Acrolein	4.189	56	73786	105.326	ug/l	93
14) Allyl chloride	5.042	41	90257	19.611	ug/l	90
15) Acrylonitrile	5.736	53	183796	112.156	ug/l	99
16) Acetone	4.442	43	139884	105.571	ug/l	100
17) Carbon Disulfide	4.718	76	172476	17.773	ug/l	100
18) Methyl Acetate	5.036	43	131875	21.618	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	252133	20.960	ug/l	98
20) Methylene Chloride	5.289	84	89182	20.368	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	74958	18.433	ug/l	93
22) Diisopropyl ether	6.683	45	242385	22.390	ug/l #	94
23) Vinyl Acetate	6.618	43	700726	108.888	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	151499	21.214	ug/l	97
25) 2-Butanone	7.494	43	223848	109.859	ug/l	91
26) 2,2-Dichloropropane	7.494	77	124288	23.570	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	100299	20.678	ug/l	93
28) Bromochloromethane	7.818	49	76294	23.268	ug/l	85
29) Tetrahydrofuran	7.847	42	141745	104.060	ug/l	85
30) Chloroform	7.977	83	170007	22.107	ug/l	90
31) Cyclohexane	8.265	56	116463	19.722	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	142735	21.142	ug/l	97
36) 1,1-Dichloropropene	8.377	75	116326	20.715	ug/l	98
37) Ethyl Acetate	7.571	43	95144	21.688	ug/l	93
38) Carbon Tetrachloride	8.377	117	122250	20.617	ug/l	93
39) Methylcyclohexane	9.606	83	101072	17.368	ug/l	90
40) Benzene	8.612	78	354444	21.142	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49496	20.816	ug/l	91
42) 1,2-Dichloroethane	8.677	62	131890	22.945	ug/l	97
43) Isopropyl Acetate	8.694	43	171264	20.414	ug/l #	94
44) Trichloroethene	9.359	130	88899	20.079	ug/l	98
45) 1,2-Dichloropropane	9.629	63	91978	22.051	ug/l	100
46) Dibromomethane	9.712	93	64978	21.150	ug/l	95
47) Bromodichloromethane	9.894	83	133048	23.314	ug/l	98
48) Methyl methacrylate	9.688	41	74224	21.082	ug/l	92
49) 1,4-Dioxane	9.700	88	30115	406.963	ug/l #	94
51) 4-Methyl-2-Pentanone	10.453	43	498422	112.818	ug/l	92
52) Toluene	10.641	92	219046	20.694	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	133200	22.411	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	143809	21.889	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	93229	23.283	ug/l	97
56) Ethyl methacrylate	10.882	69	123937	21.257	ug/l	88
57) 1,3-Dichloropropane	11.171	76	151996	22.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	241078	102.356	ug/l	91
59) 2-Hexanone	11.200	43	343210	111.571	ug/l	91
60) Dibromochloromethane	11.365	129	99240	22.649	ug/l	96
61) 1,2-Dibromoethane	11.476	107	91903	21.871	ug/l	99
64) Tetrachloroethene	11.112	164	76580	21.298	ug/l	98
65) Chlorobenzene	11.900	112	235544	20.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	89588	21.103	ug/l	97
67) Ethyl Benzene	11.970	91	402857	20.228	ug/l	99
68) m/p-Xylenes	12.076	106	307655	40.534	ug/l	98
69) o-Xylene	12.406	106	151418	20.315	ug/l	97
70) Styrene	12.418	104	240770	20.518	ug/l	99
71) Bromoform	12.588	173	60362	22.033	ug/l #	97
73) Isopropylbenzene	12.700	105	374907	20.116	ug/l	99
74) N-amyl acetate	12.500	43	124970	20.362	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	126210	23.316	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	145775	31.288	ug/l	72
77) Bromobenzene	12.988	156	86239	19.933	ug/l	97
78) n-propylbenzene	13.041	91	417356	20.611	ug/l	98
79) 2-Chlorotoluene	13.129	91	268086	20.511	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	312124	20.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	34198	22.551	ug/l	91
82) 4-Chlorotoluene	13.229	91	242811	19.905	ug/l	97
83) tert-Butylbenzene	13.447	119	249727	19.040	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	304660	20.826	ug/l	98
85) sec-Butylbenzene	13.623	105	321065	18.702	ug/l	99
86) p-Isopropyltoluene	13.735	119	262143	18.817	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	142663	19.495	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	139730	19.788	ug/l	98
89) n-Butylbenzene	14.059	91	194951	17.742	ug/l	99
90) Hexachloroethane	14.335	117	48176	19.486	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	146527	20.487	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19073	20.661	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	41664	16.350	ug/l	99
94) Hexachlorobutadiene	15.506	225	24900	18.232	ug/l	99
95) Naphthalene	15.647	128	125462	14.637	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	46237	16.223	ug/l	100

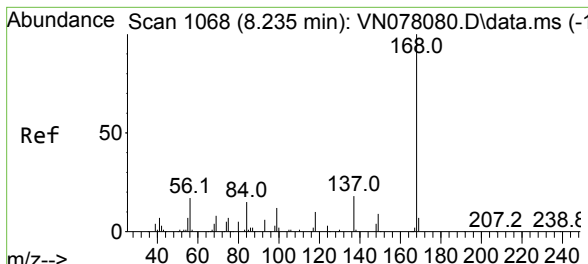
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Response via : Initial Calibration

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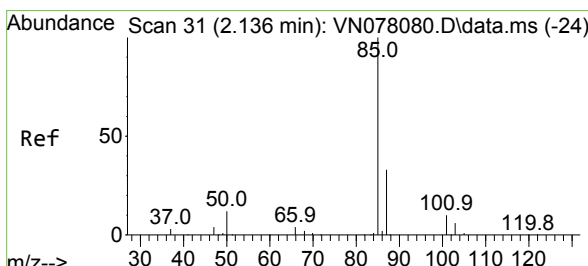
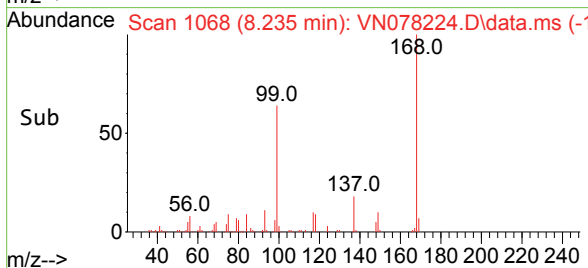
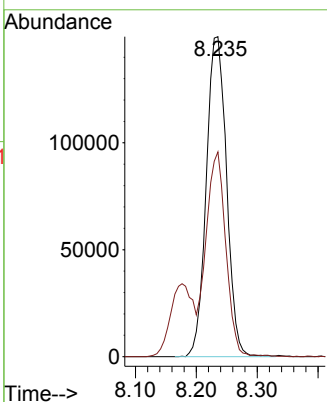
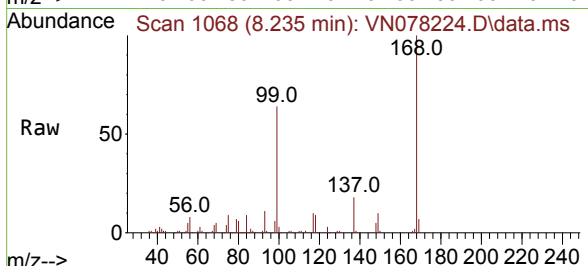
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

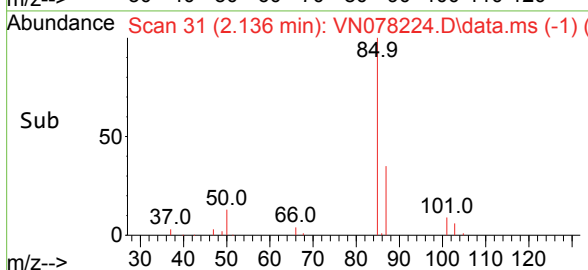
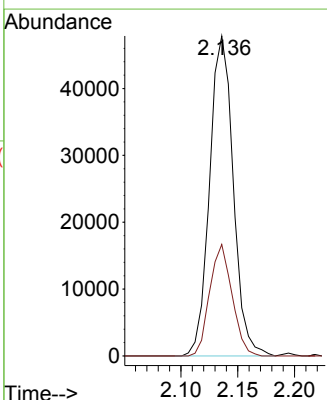
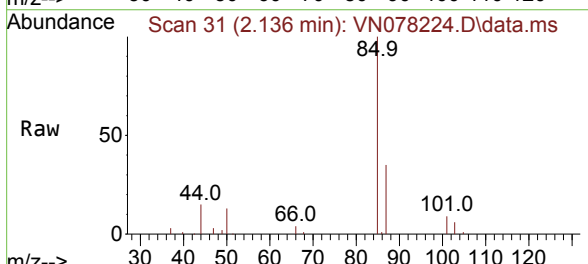
Instrument :
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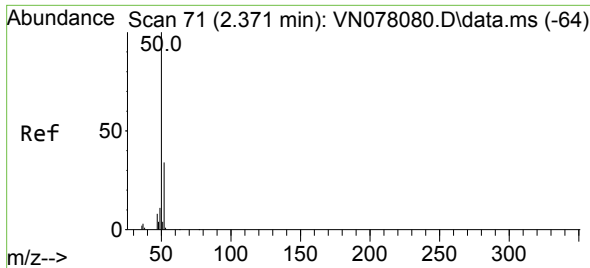
Tgt Ion:168 Resp: 345260
 Ion Ratio Lower Upper
 168 100
 99 63.8 53.0 79.6



#2
 Dichlorodifluoromethane
 Concen: 17.789 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

Tgt Ion: 85 Resp: 69425
 Ion Ratio Lower Upper
 85 100
 87 34.8 15.8 47.4

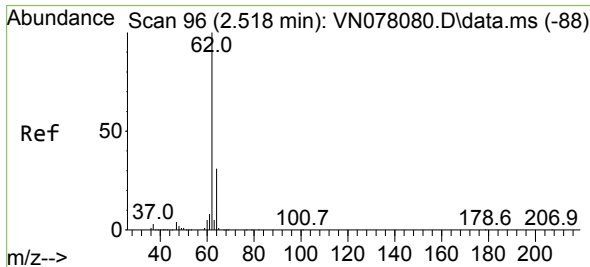
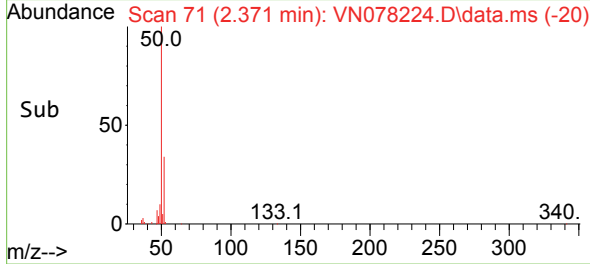
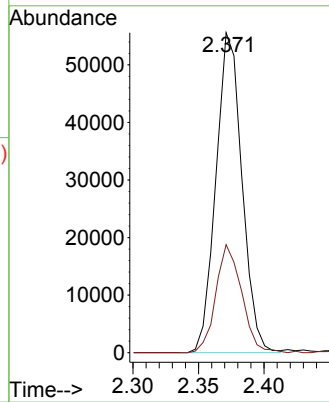
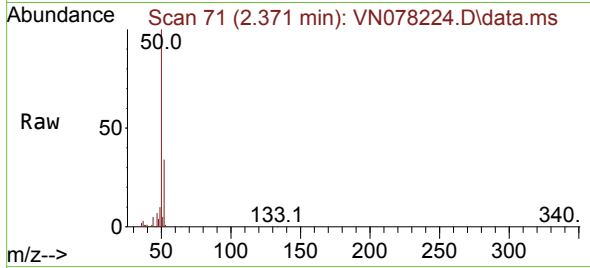




#3
Chloromethane
Concen: 19.812 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

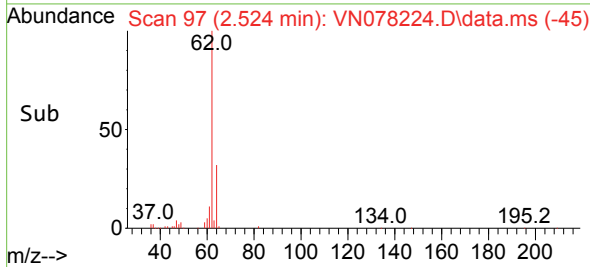
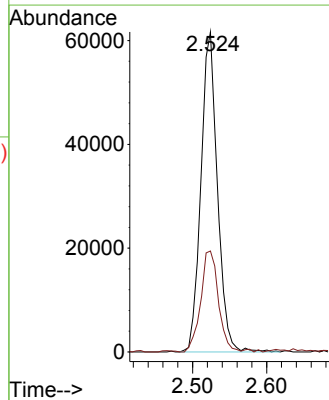
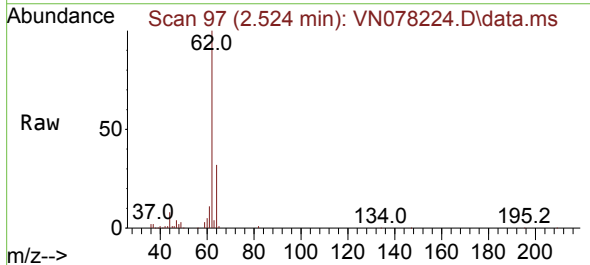
Instrument :
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ClientSampleId :
VN0615MBS01

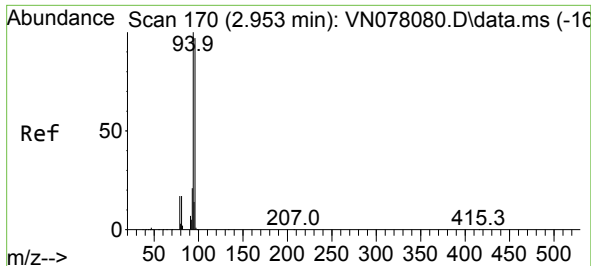
Tgt Ion: 50 Resp: 76787
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 18.633 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 62 Resp: 95223
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

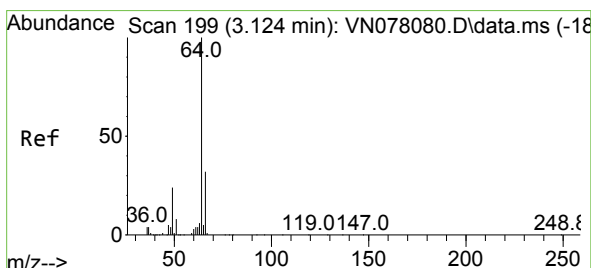
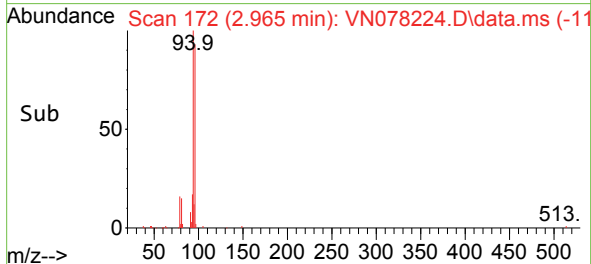
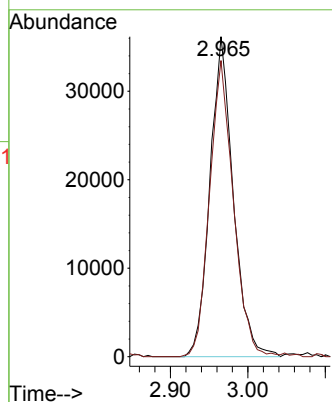
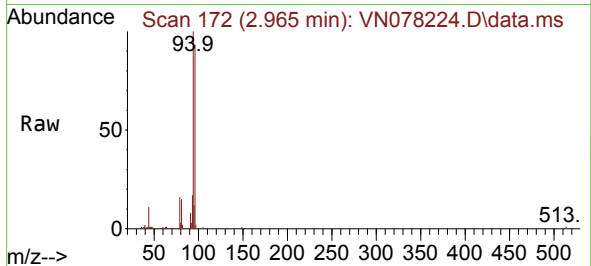




#5
Bromomethane
Concen: 19.579 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

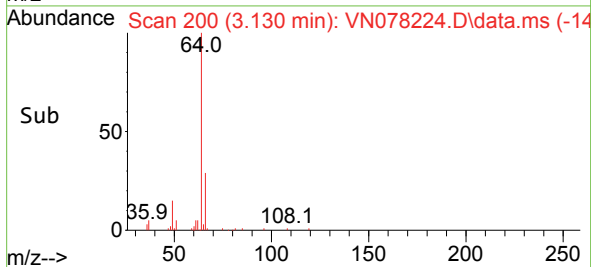
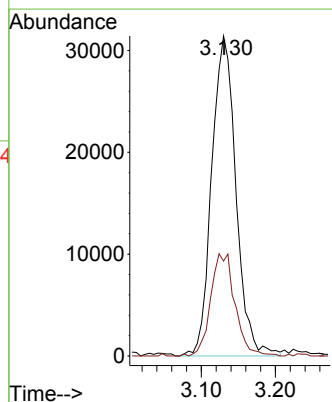
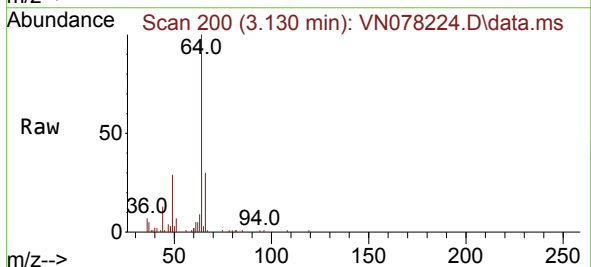
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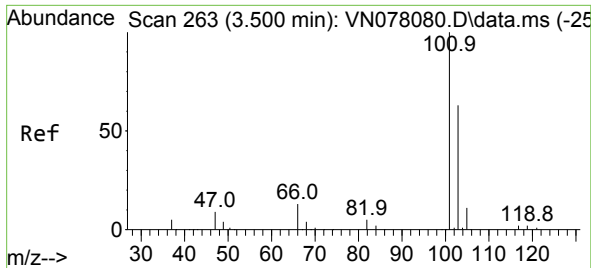
Tgt Ion: 94 Resp: 75618
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7



#6
Chloroethane
Concen: 20.507 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 64 Resp: 71443
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2

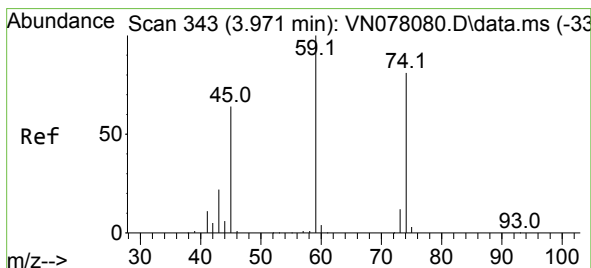
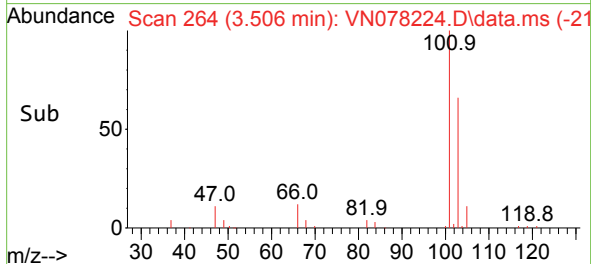
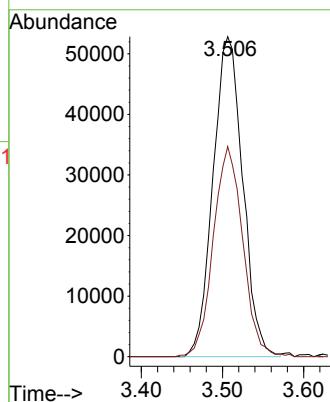
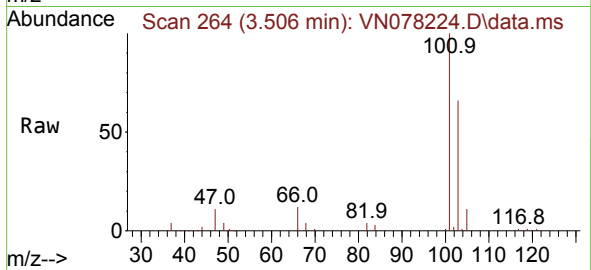




#7
Trichlorofluoromethane
Concen: 19.376 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

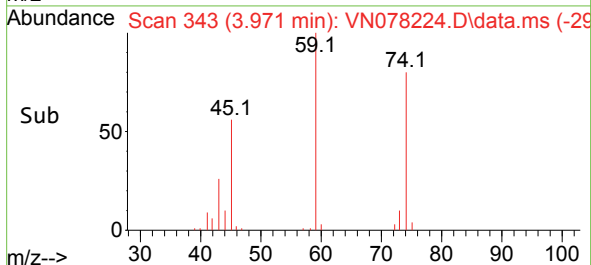
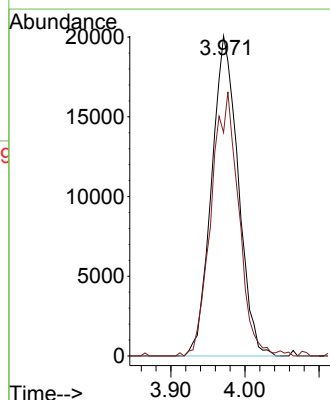
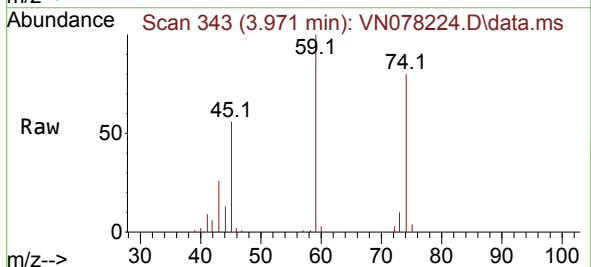
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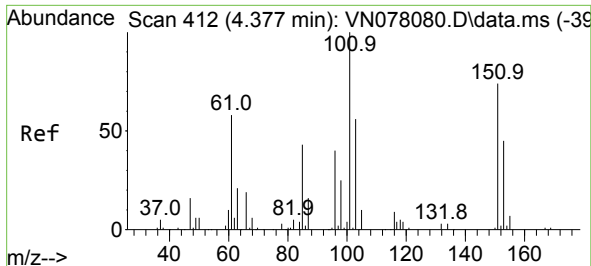
Tgt Ion:101 Resp: 134282
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1



#8
Diethyl Ether
Concen: 20.594 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 74 Resp: 50149
Ion Ratio Lower Upper
74 100
45 84.9 34.4 103.3

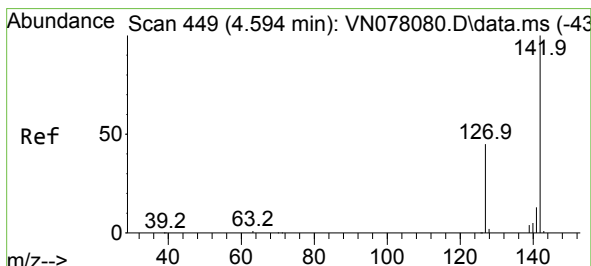
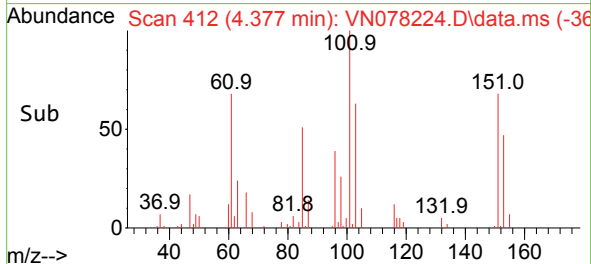
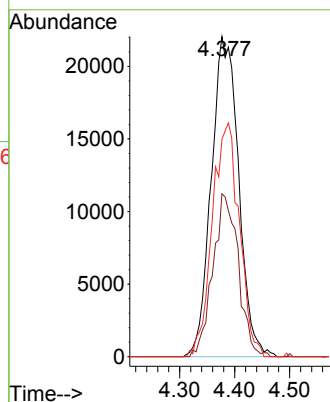
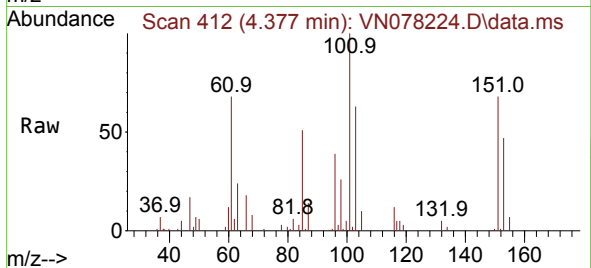




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.839 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078224.D
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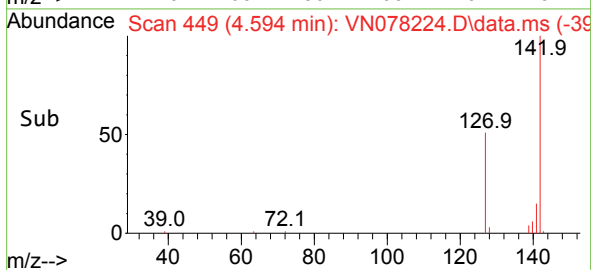
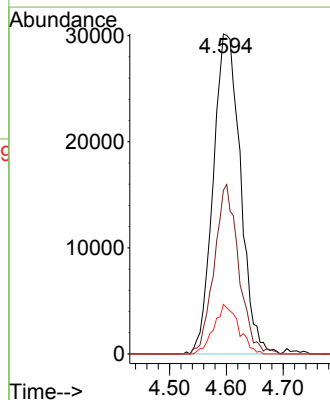
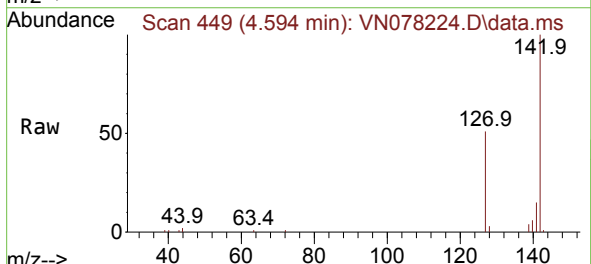
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

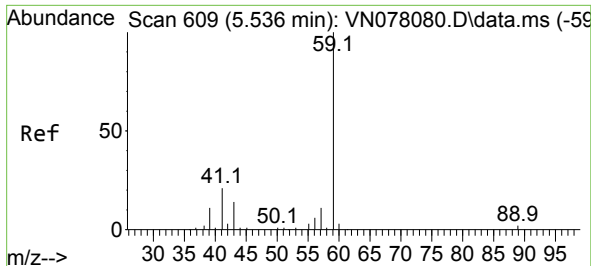
Tgt Ion:101 Resp: 76217
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 72.2 57.6 86.4



#10
Methyl Iodide
Concen: 19.386 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:142 Resp: 100273
Ion Ratio Lower Upper
142 100
127 51.2 37.6 56.4
141 15.5 11.4 17.0

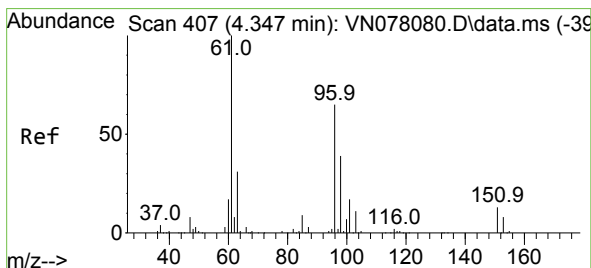
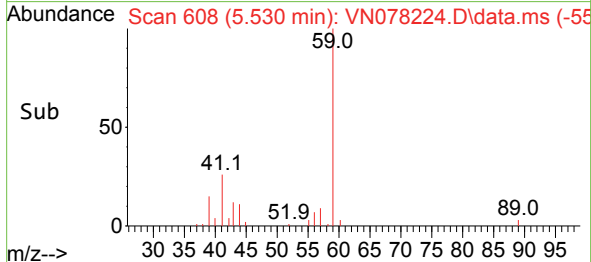
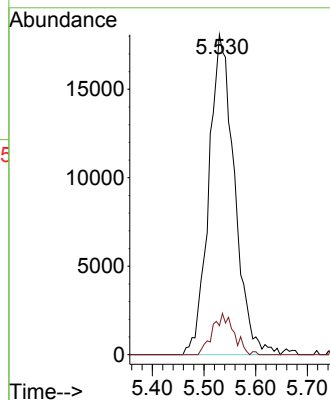
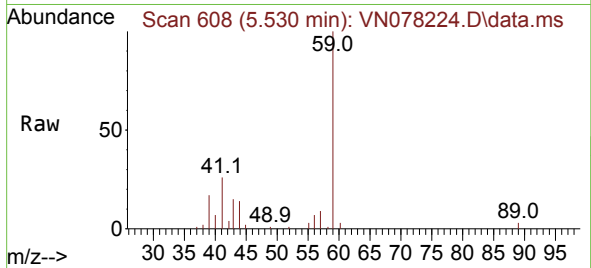




#11
Tert butyl alcohol
Concen: 98.227 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

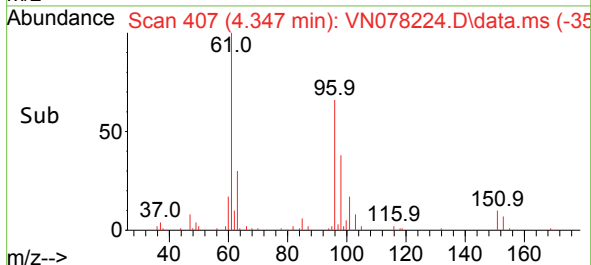
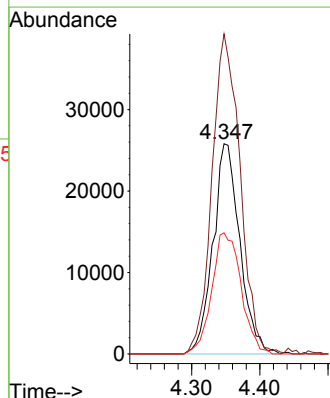
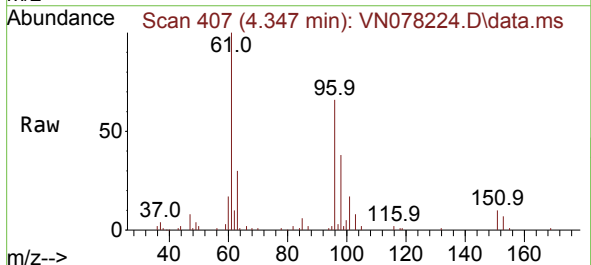
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

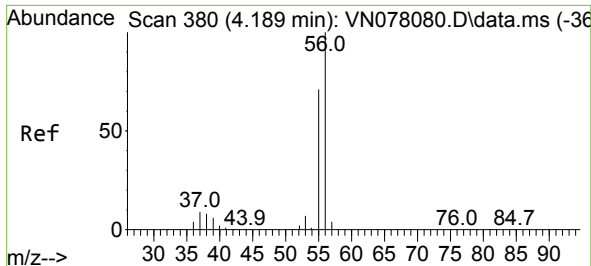
Tgt Ion: 59 Resp: 62436
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.721 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 96 Resp: 70581
Ion Ratio Lower Upper
96 100
61 152.2 112.7 169.1
98 57.6 51.2 76.8

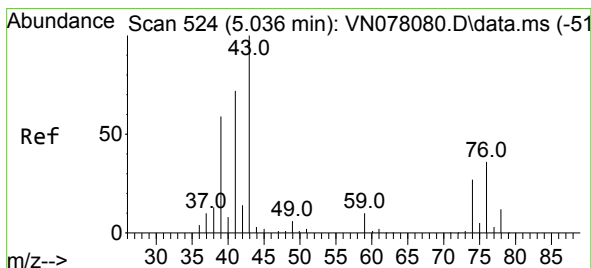
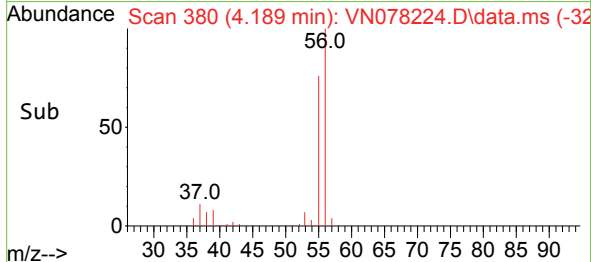
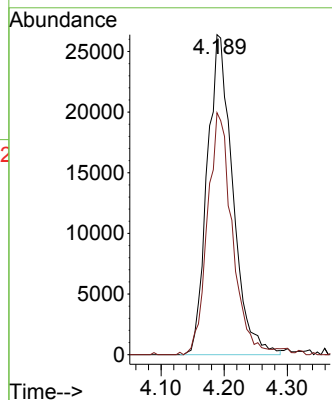
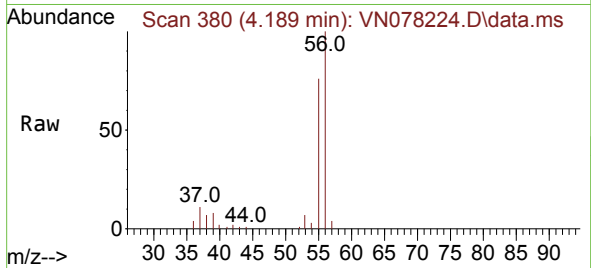




#13
Acrolein
Concen: 105.326 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

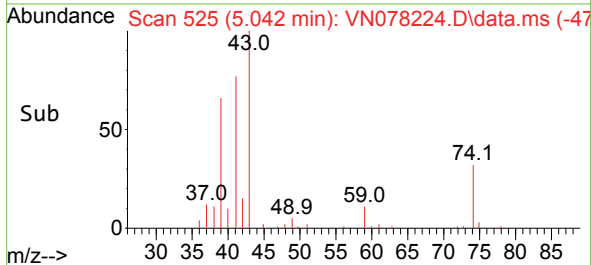
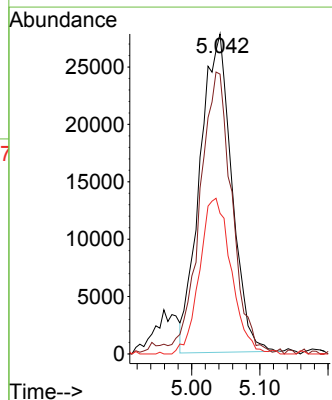
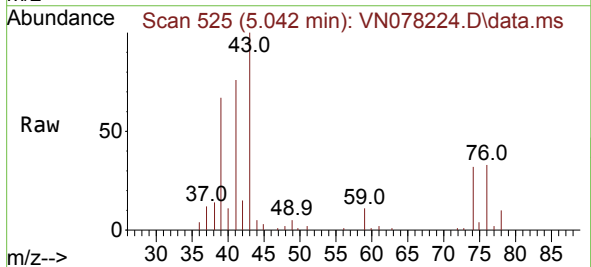
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

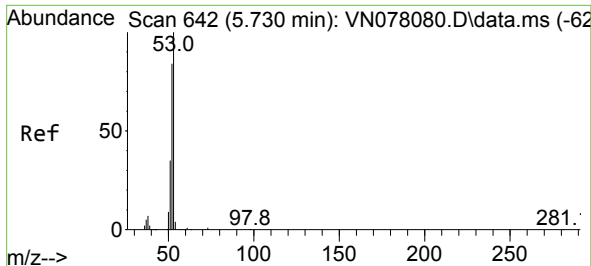
Tgt Ion: 56 Resp: 73786
Ion Ratio Lower Upper
56 100
55 73.5 54.5 81.7



#14
Allyl chloride
Concen: 19.611 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 41 Resp: 90257
Ion Ratio Lower Upper
41 100
39 87.6 58.8 88.2
76 48.4 39.1 58.7

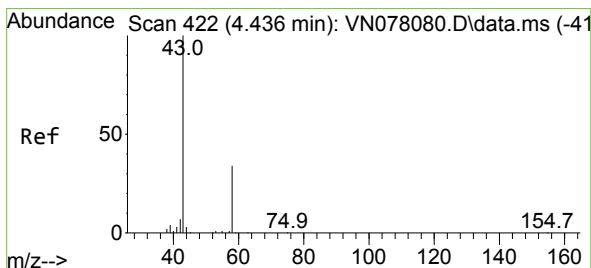
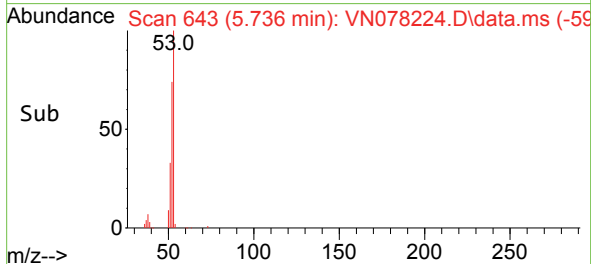
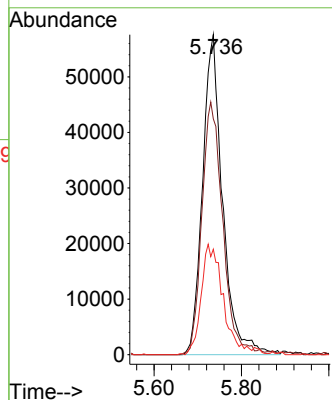
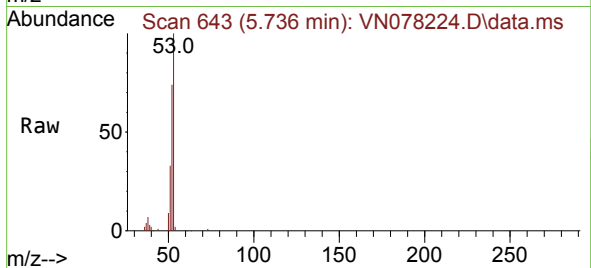




#15
Acrylonitrile
Concen: 112.156 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

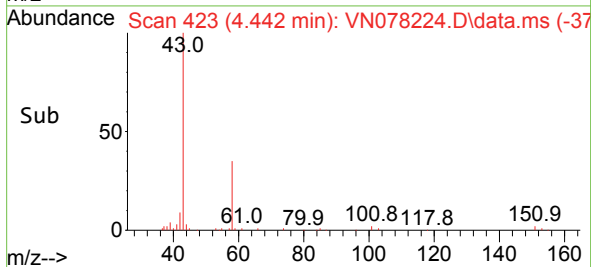
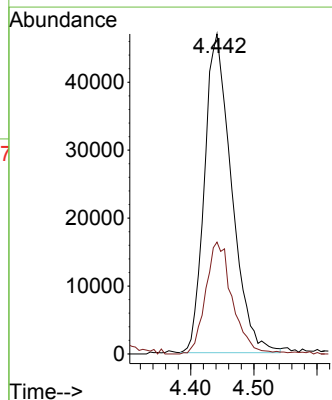
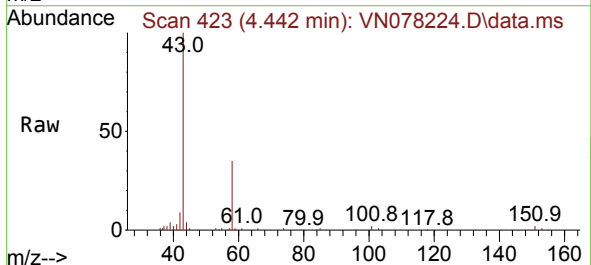
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

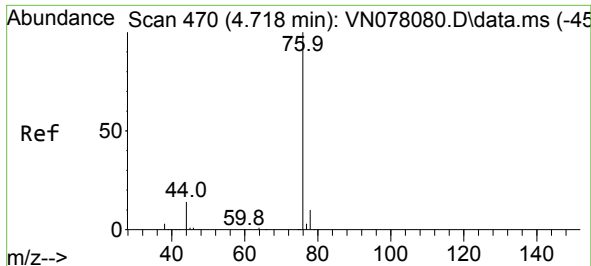
Tgt Ion: 53 Resp: 183796
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 105.571 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 43 Resp: 139884
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

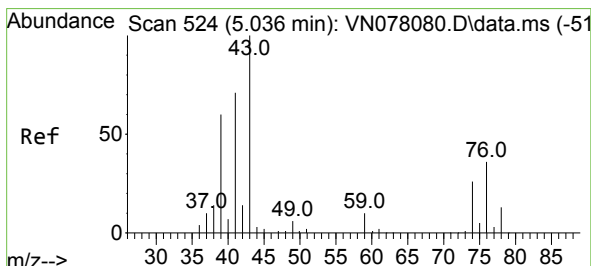
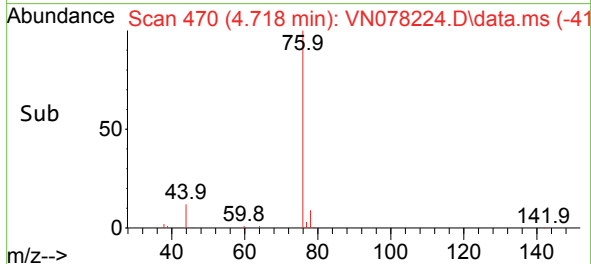
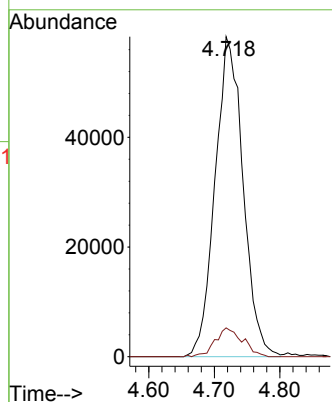
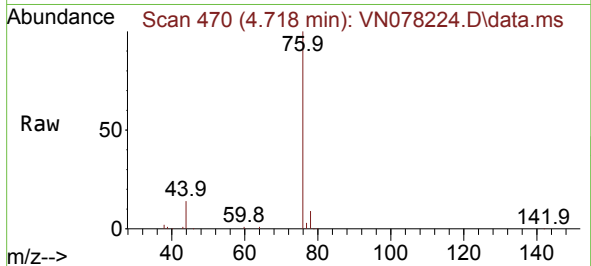




#17
Carbon Disulfide
Concen: 17.773 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

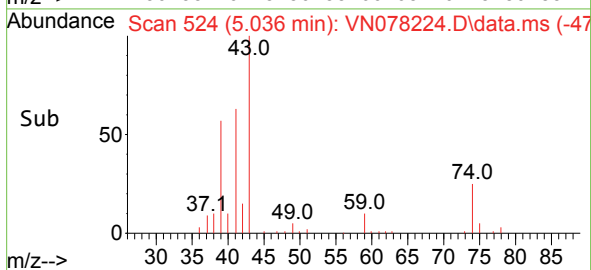
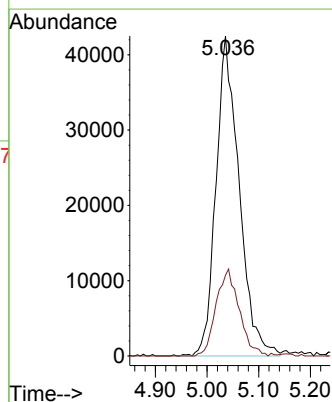
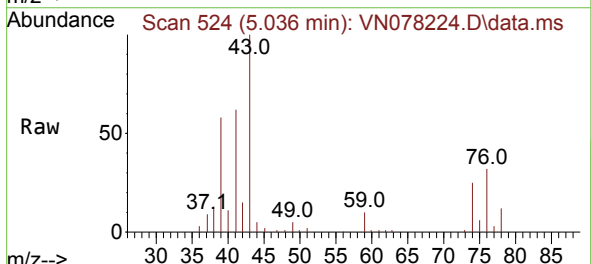
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

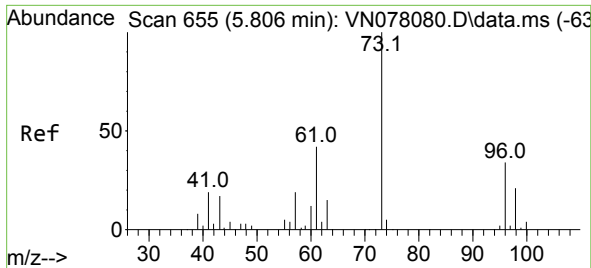
Tgt Ion: 76 Resp: 172476
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 21.618 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 43 Resp: 131875
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4

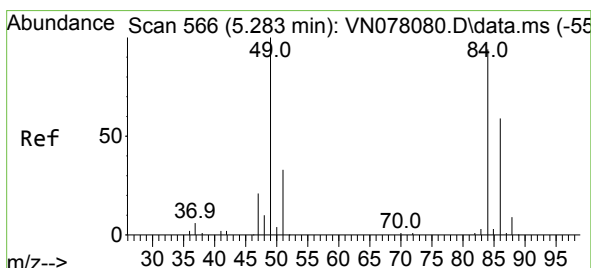
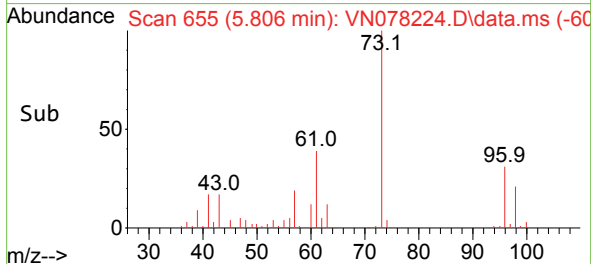
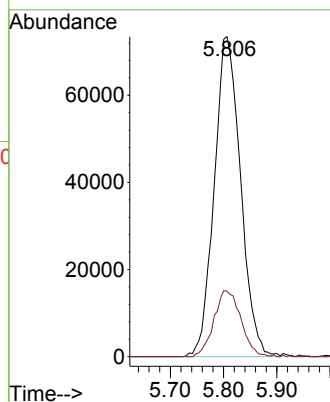
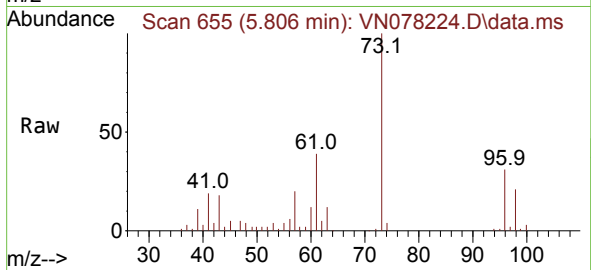




#19
Methyl tert-butyl Ether
Concen: 20.960 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

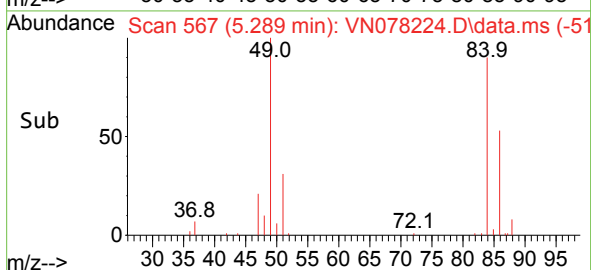
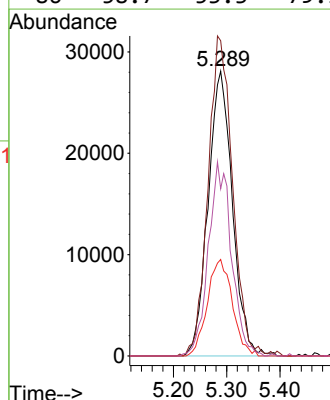
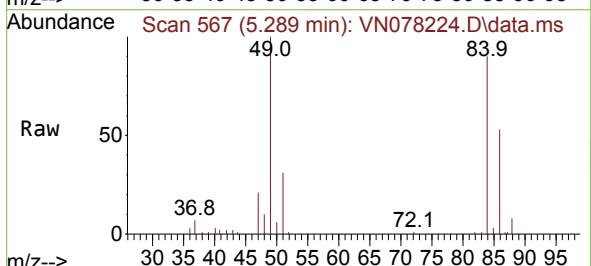
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

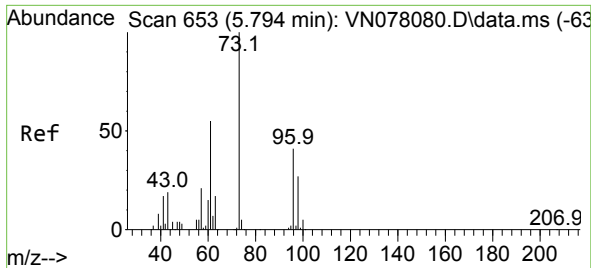
Tgt Ion: 73 Resp: 252133
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4



#20
Methylene Chloride
Concen: 20.368 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 84 Resp: 89182
Ion Ratio Lower Upper
84 100
49 110.0 79.7 119.5
51 33.9 25.2 37.8
86 58.7 53.3 79.9

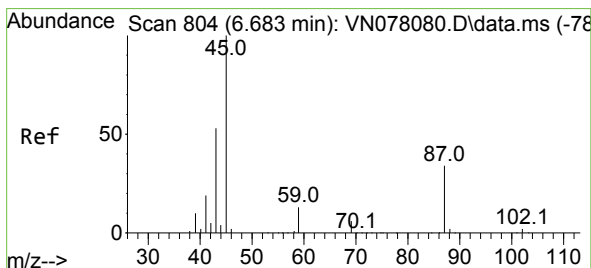
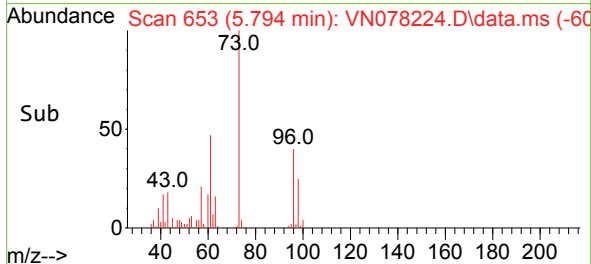
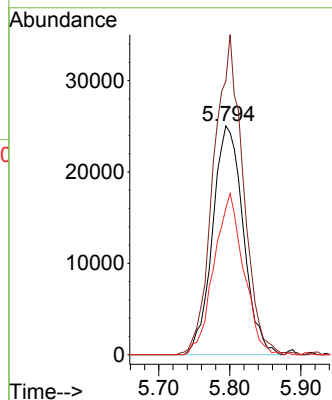
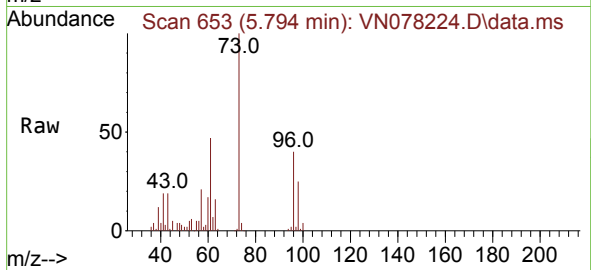




#21
trans-1,2-Dichloroethene
Concen: 18.433 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

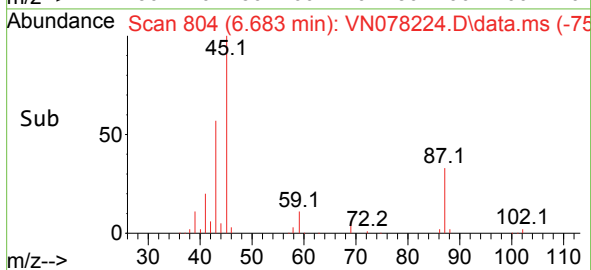
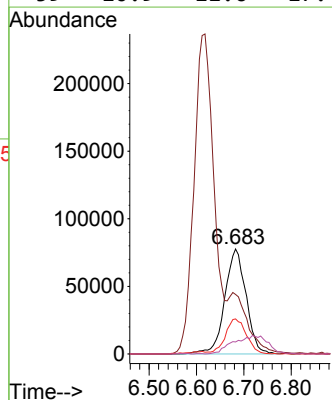
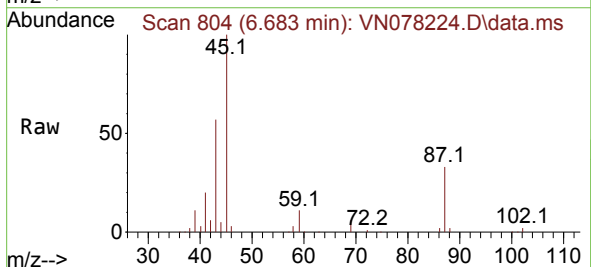
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

Tgt Ion: 96 Resp: 74958
Ion Ratio Lower Upper
96 100
61 118.8 90.1 135.1
98 64.0 46.4 69.6



#22
Diisopropyl ether
Concen: 22.390 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 45 Resp: 242385
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 33.5 31.8 47.8
59 10.9 11.6 17.4#

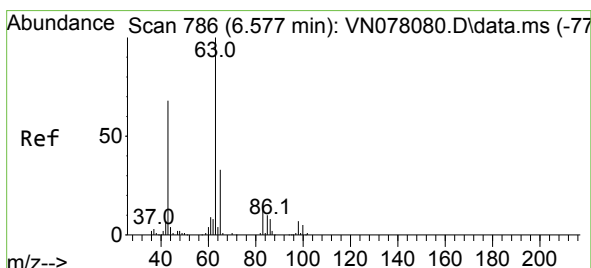
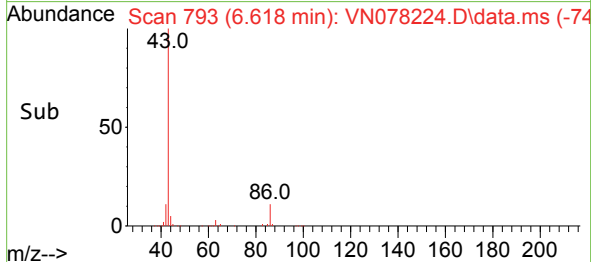
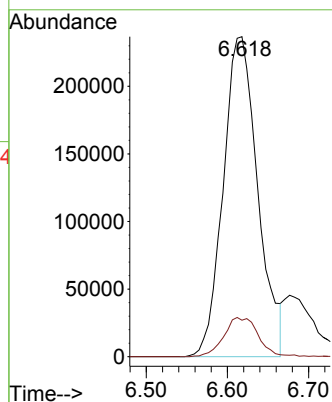
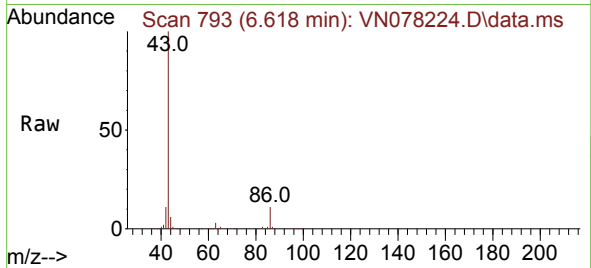




#23
 Vinyl Acetate
 Concen: 108.888 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

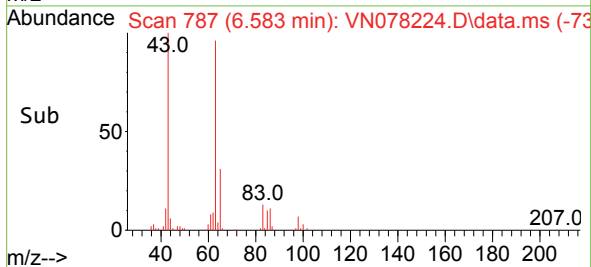
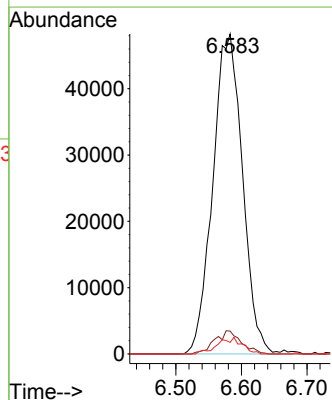
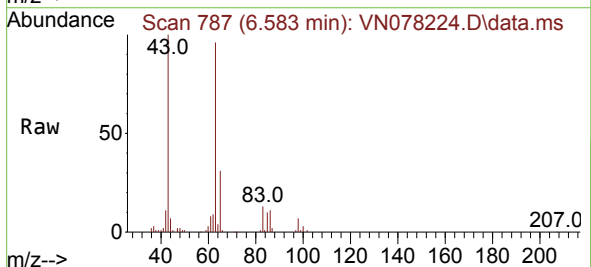
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBS01

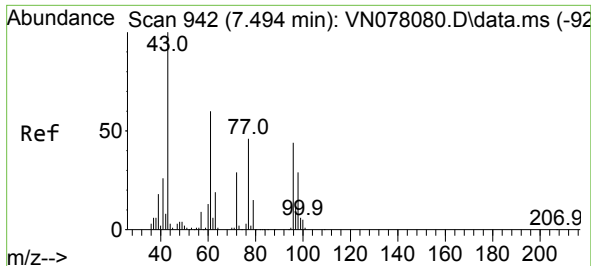
Tgt Ion: 43 Resp: 700726
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.214 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

Tgt Ion: 63 Resp: 151499
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.6 2.5 7.4

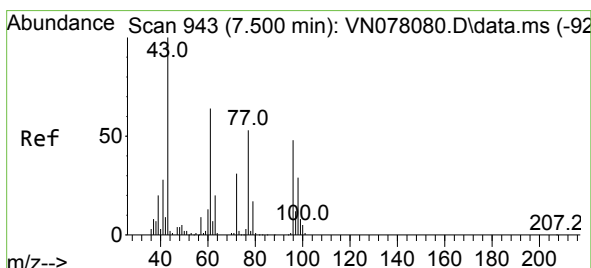
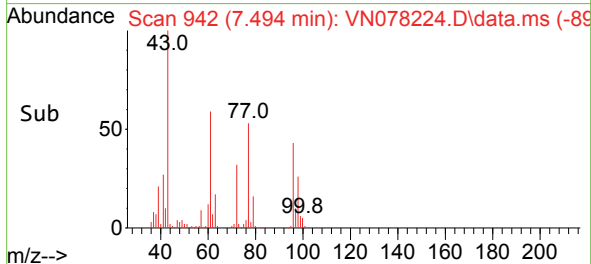
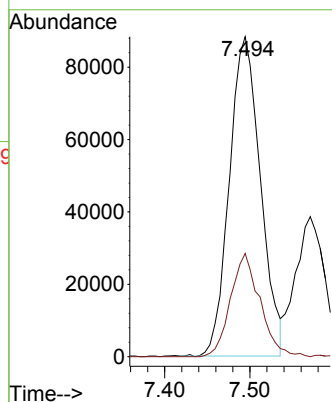
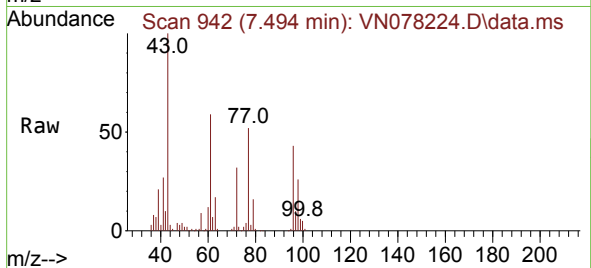




#25
2-Butanone
Concen: 109.859 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

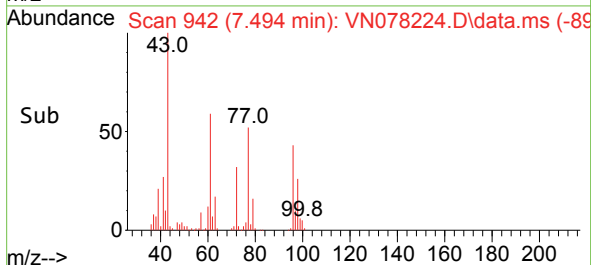
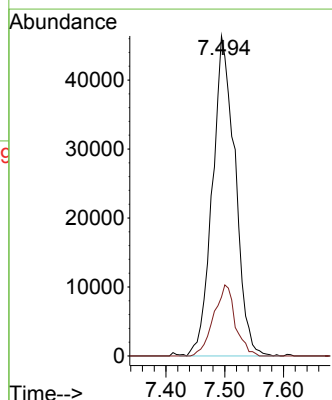
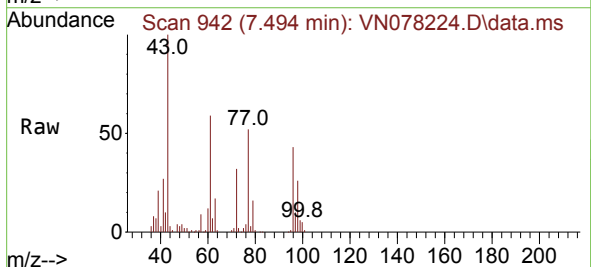
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

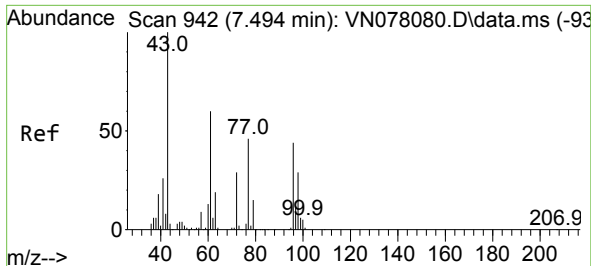
Tgt Ion: 43 Resp: 223848
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 23.570 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 77 Resp: 124288
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

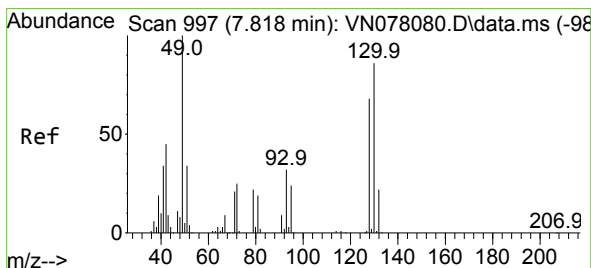
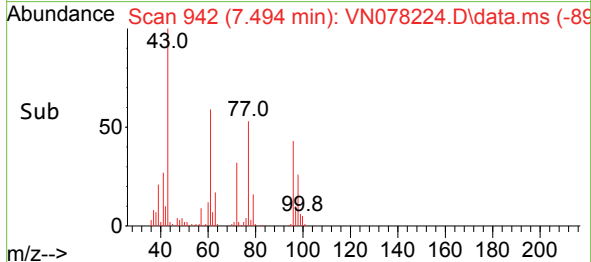
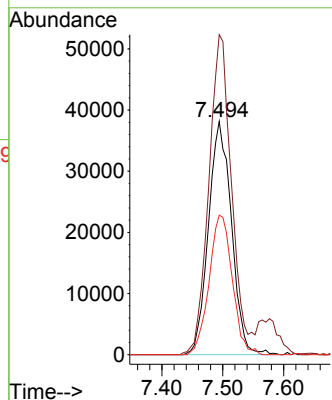
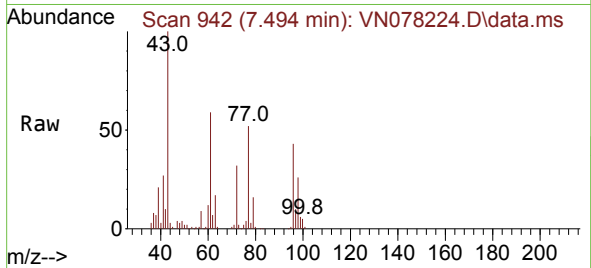




#27
 cis-1,2-Dichloroethene
 Concen: 20.678 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

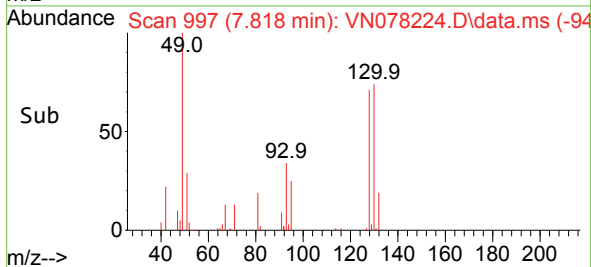
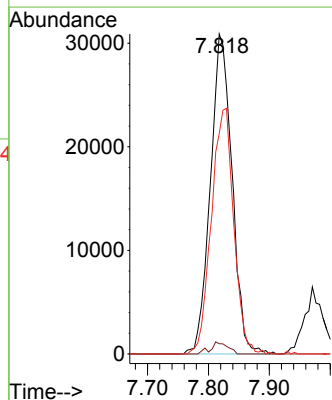
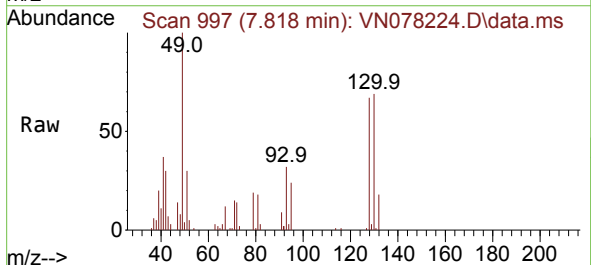
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBS01

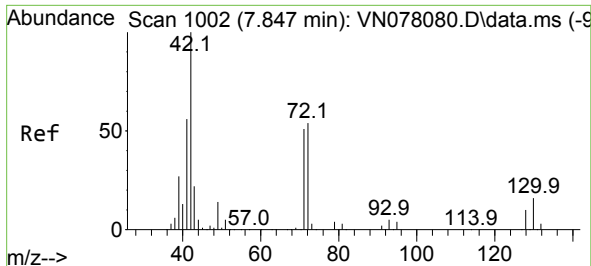
Tgt Ion: 96 Resp: 100299
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 255.2
 98 60.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 23.268 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

Tgt Ion: 49 Resp: 76294
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.8
 130 79.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 104.060 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

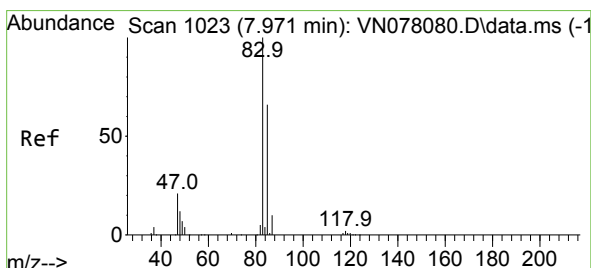
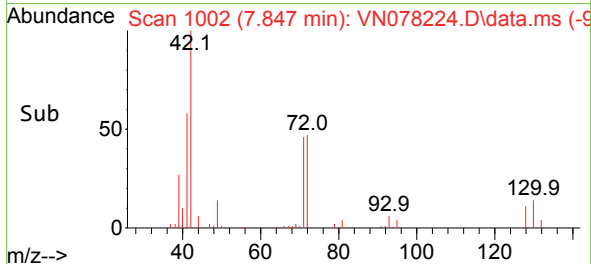
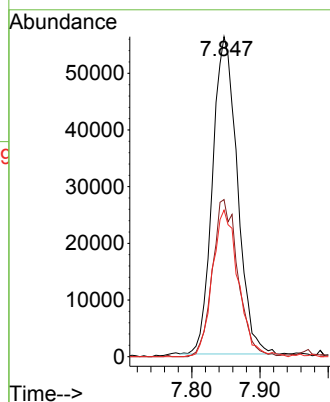
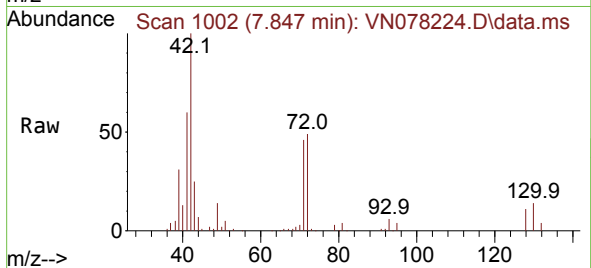
Tgt Ion: 42 Resp: 141745

Ion Ratio Lower Upper

42 100

72 51.1 49.8 74.6

71 48.3 47.4 71.2



#30

Chloroform

Concen: 22.107 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078224.D

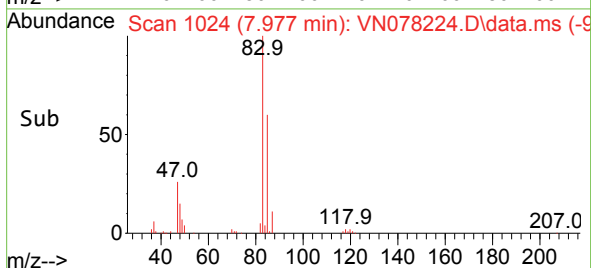
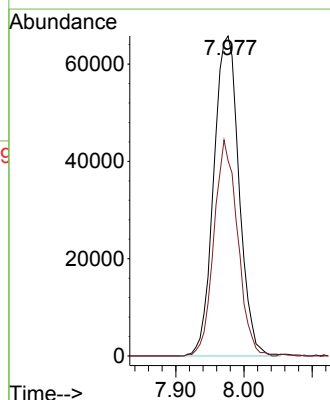
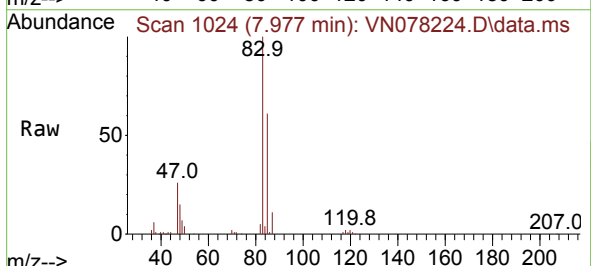
Acq: 15 Jun 2023 13:32

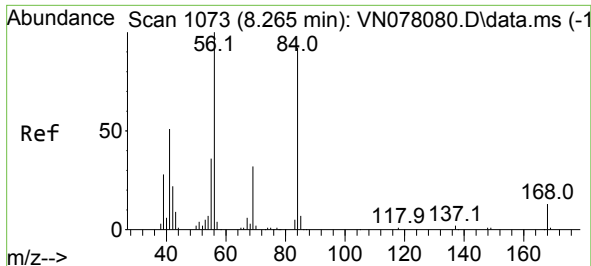
Tgt Ion: 83 Resp: 170007

Ion Ratio Lower Upper

83 100

85 61.0 55.4 83.0

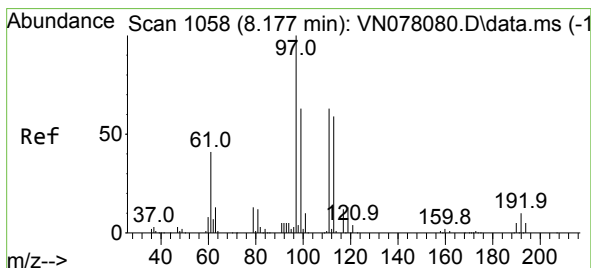
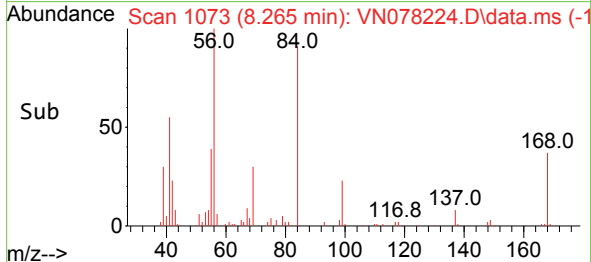
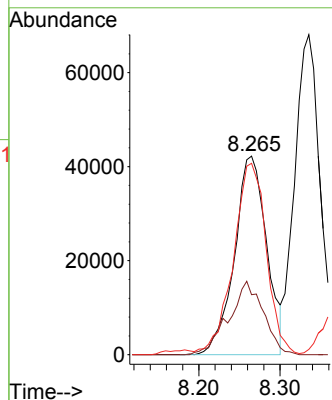
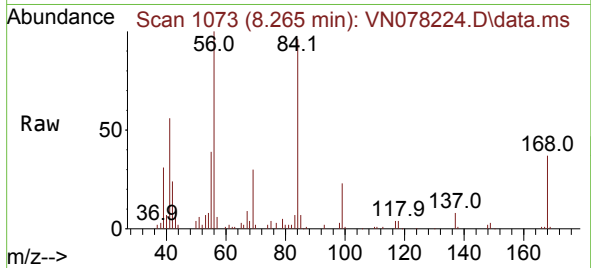




#31
Cyclohexane
Concen: 19.722 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

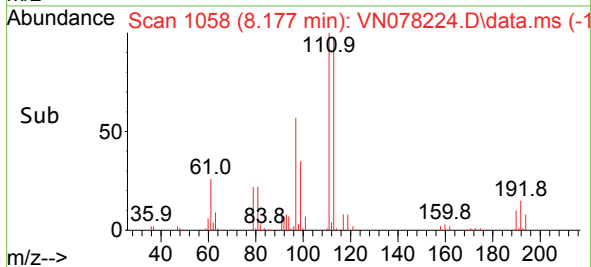
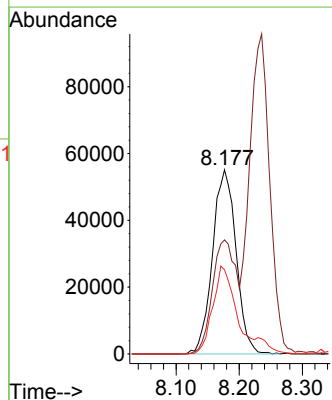
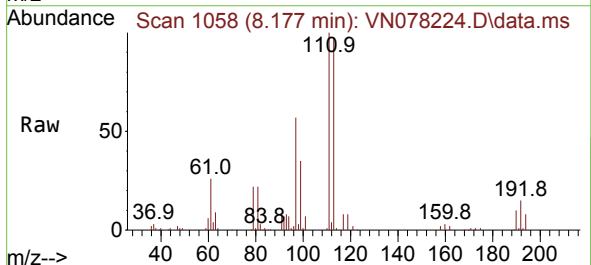
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

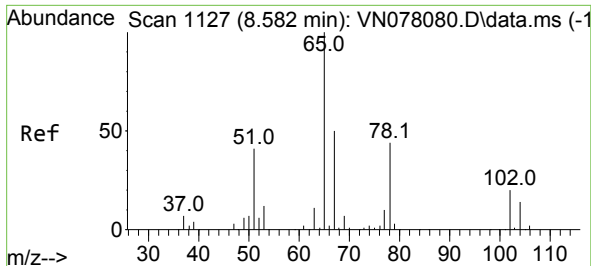
Tgt Ion: 56 Resp: 116463
Ion Ratio Lower Upper
56 100
69 30.2 26.8 40.2
84 94.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 21.142 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 97 Resp: 142735
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 46.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.476 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

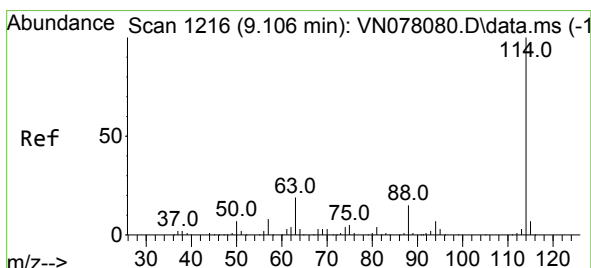
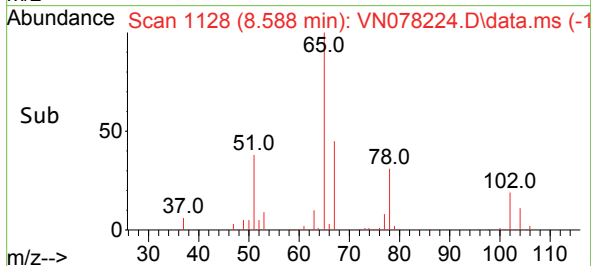
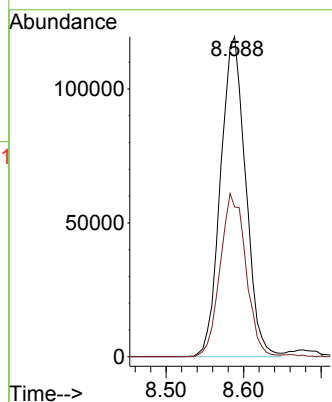
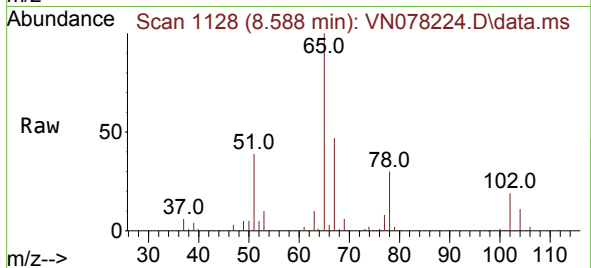
VN0615MBS01

Tgt Ion: 65 Resp: 269189

Ion Ratio Lower Upper

65 100

67 52.2 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: VN078224.D

Acq: 15 Jun 2023 13:32

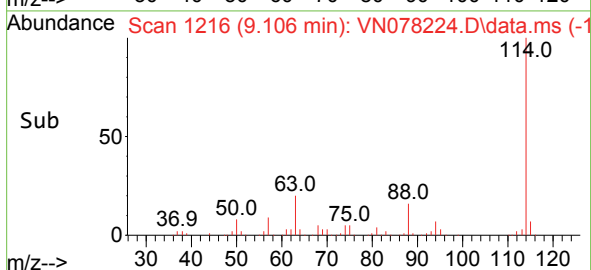
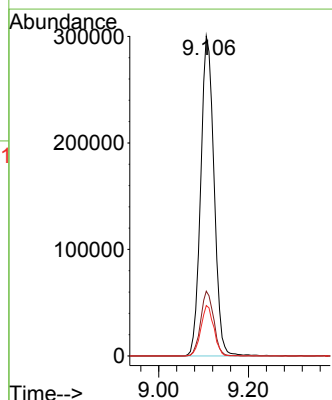
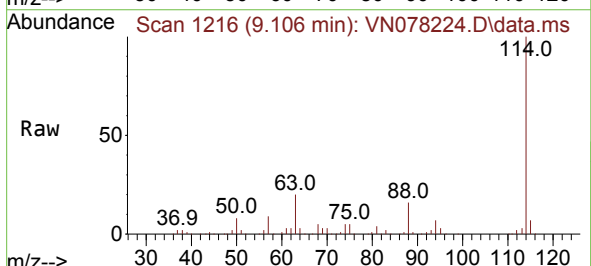
Tgt Ion:114 Resp: 619177

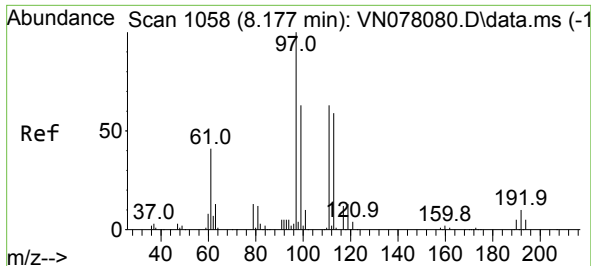
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.8 0.0 30.6

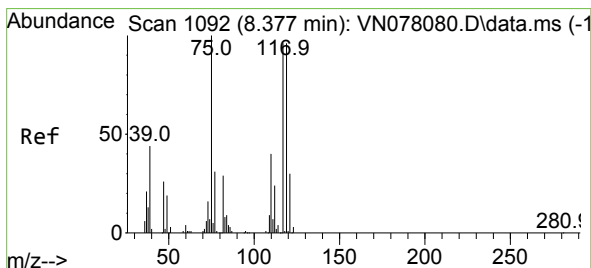
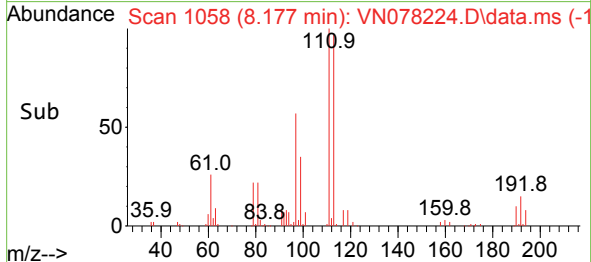
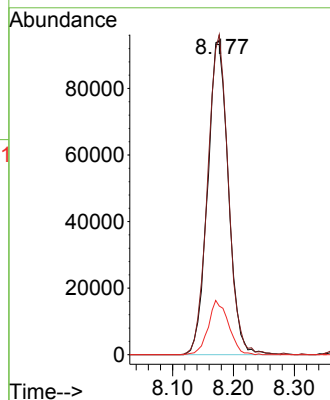
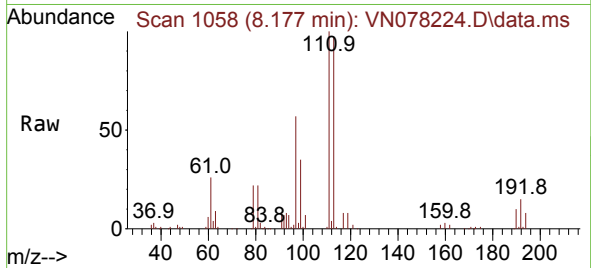




#35
Dibromofluoromethane
Concen: 56.944 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

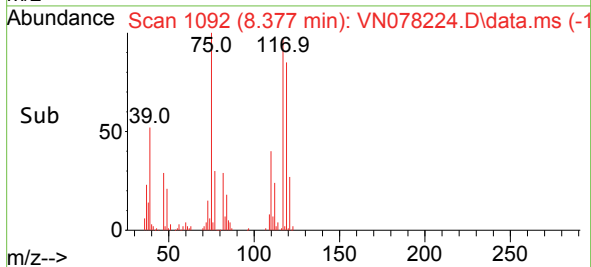
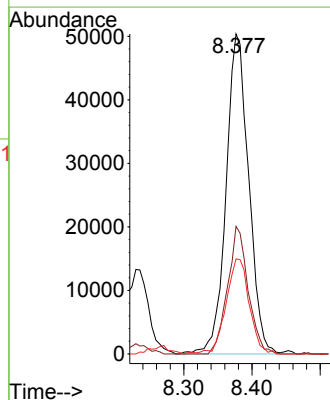
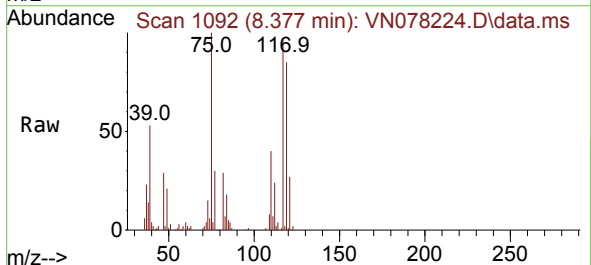
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

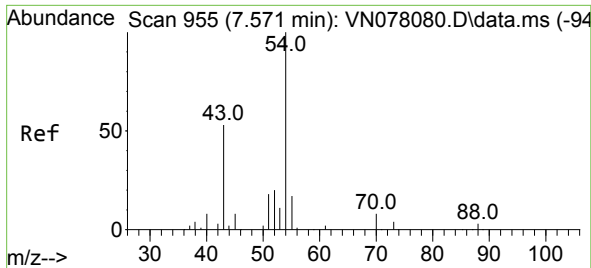
Tgt Ion:113 Resp: 222936
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.715 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 75 Resp: 116326
Ion Ratio Lower Upper
75 100
110 36.2 19.1 57.3
77 30.6 25.0 37.4

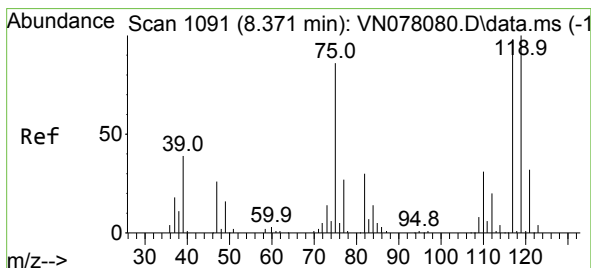
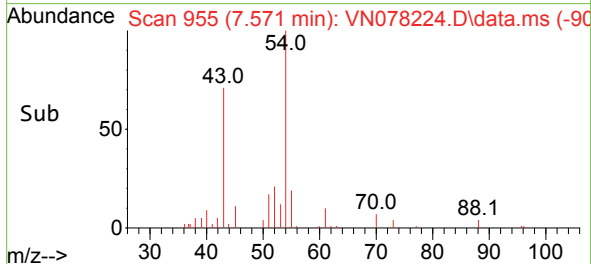
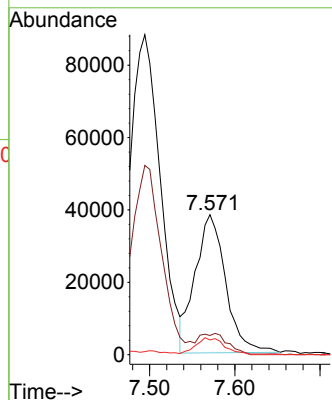
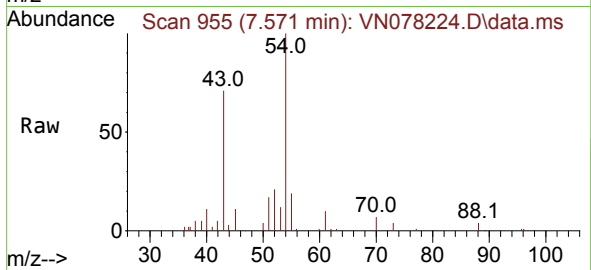




#37
Ethyl Acetate
Concen: 21.688 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

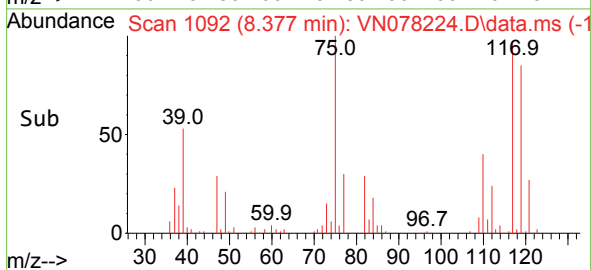
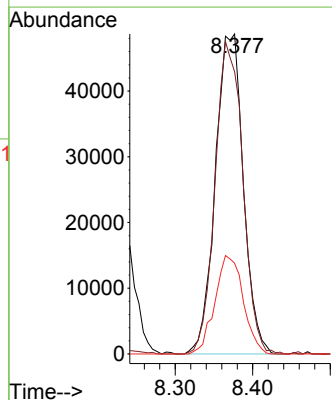
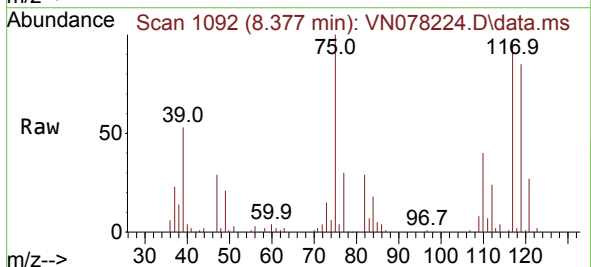
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

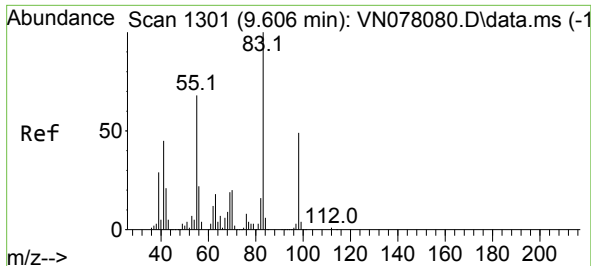
Tgt Ion:	43	Resp:	95144
Ion	Ratio	Lower	Upper
43	100		
61	13.5	13.2	19.8
70	11.4	11.3	16.9



#38
Carbon Tetrachloride
Concen: 20.617 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:	117	Resp:	122250
Ion	Ratio	Lower	Upper
117	100		
119	88.2	77.3	115.9
121	28.4	23.3	34.9





#39

Methylcyclohexane

Concen: 17.368 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

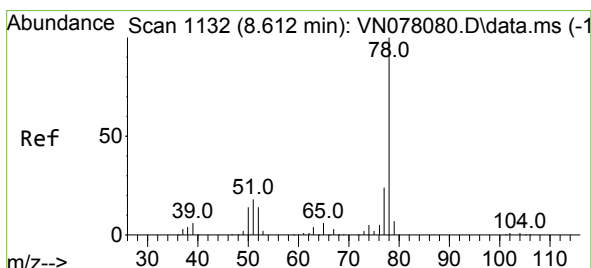
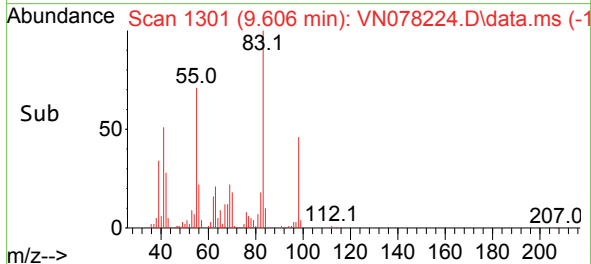
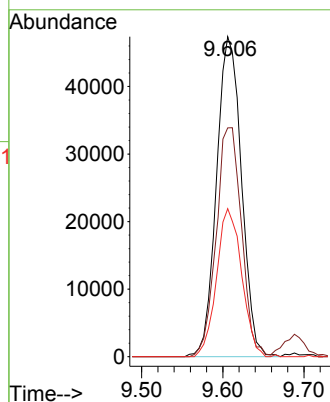
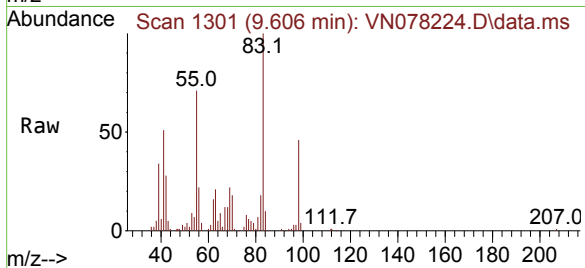
Tgt Ion: 83 Resp: 101072

Ion Ratio Lower Upper

83 100

55 71.5 49.1 73.7

98 46.3 40.6 61.0



#40

Benzene

Concen: 21.142 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078224.D

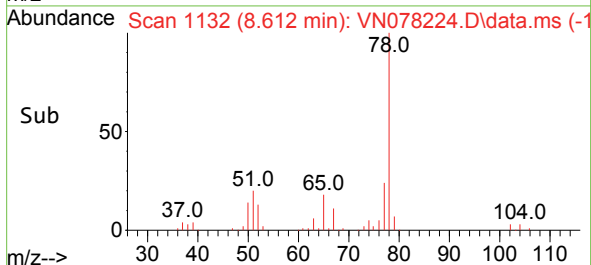
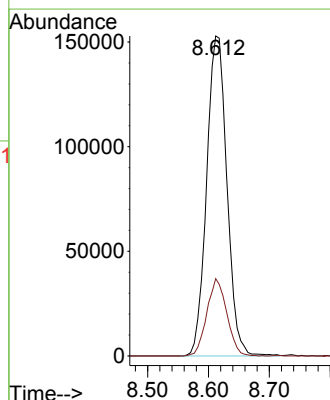
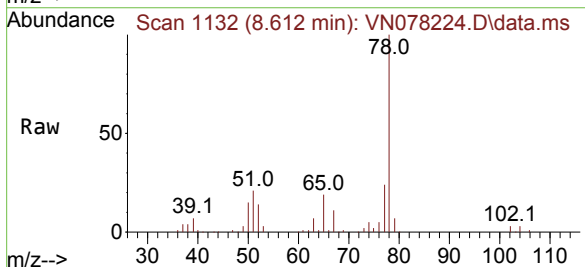
Acq: 15 Jun 2023 13:32

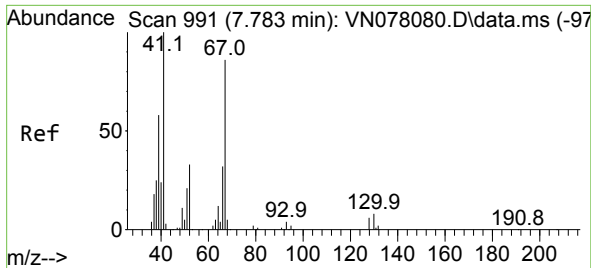
Tgt Ion: 78 Resp: 354444

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

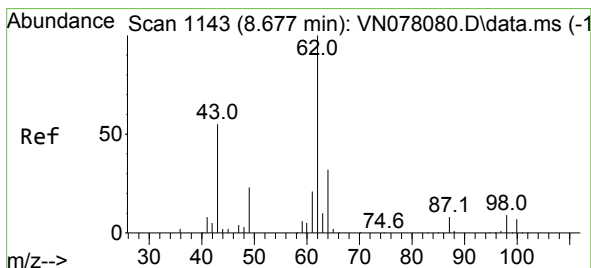
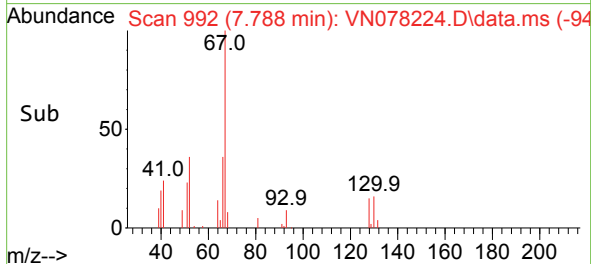
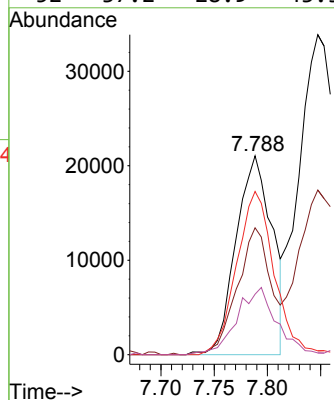
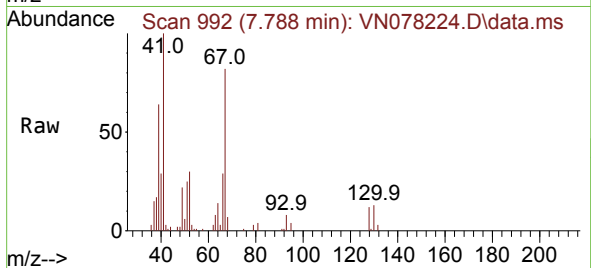




#41
Methacrylonitrile
Concen: 20.816 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

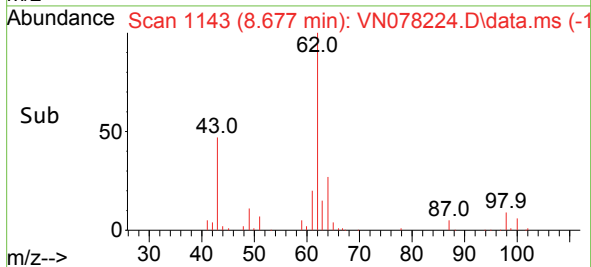
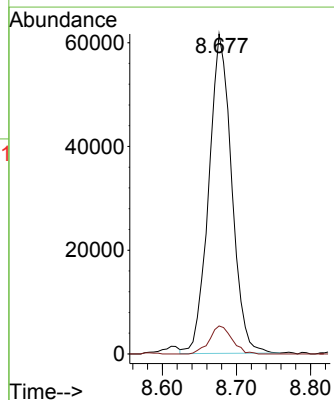
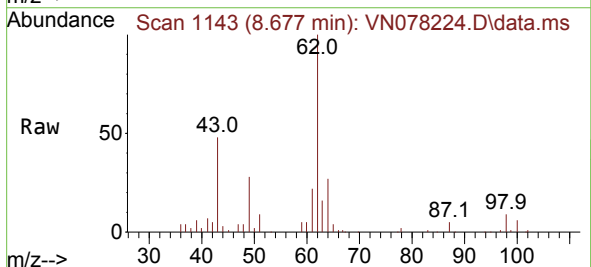
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

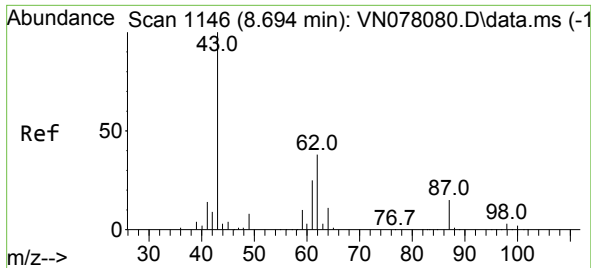
Tgt Ion:	41	Resp:	49496
Ion Ratio	Lower	Upper	
41	100		
39	59.7	42.6	64.0
67	86.4	77.5	116.3
52	37.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.945 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:	62	Resp:	131890
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	19.8

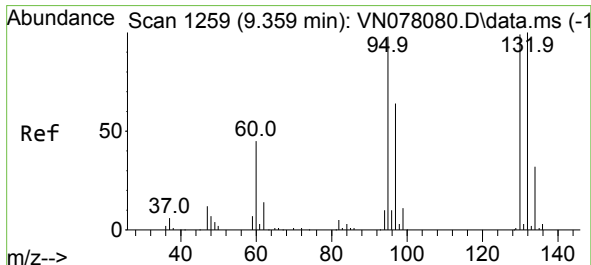
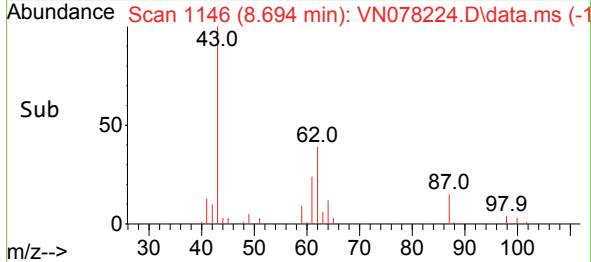
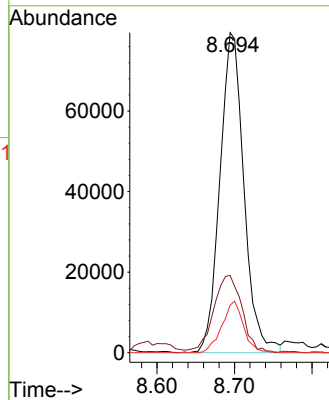
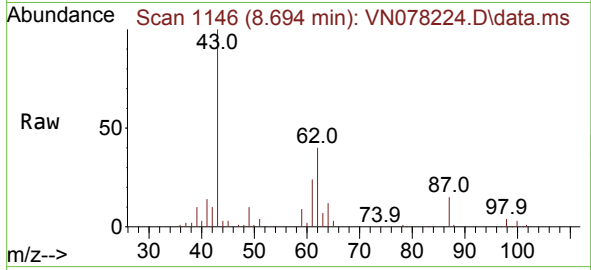




#43
Isopropyl Acetate
Concen: 20.414 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

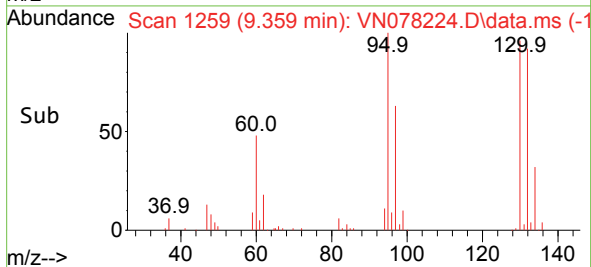
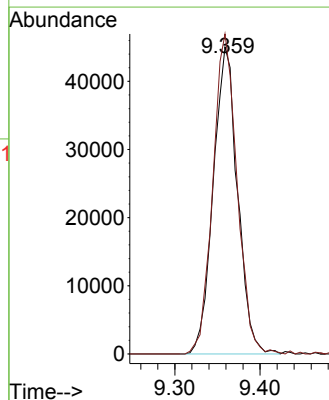
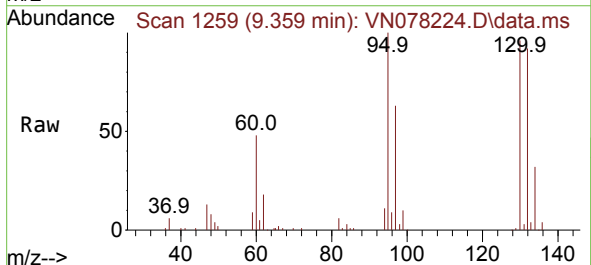
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

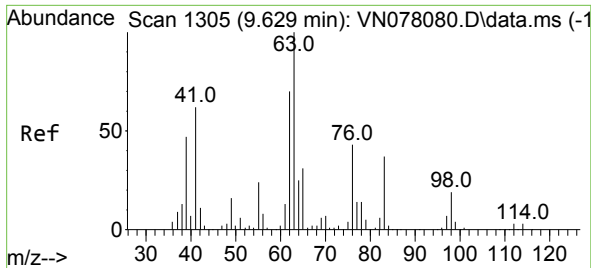
Tgt Ion: 43 Resp: 171264
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 14.4 14.6 21.8#



#44
Trichloroethene
Concen: 20.079 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:130 Resp: 88899
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.6

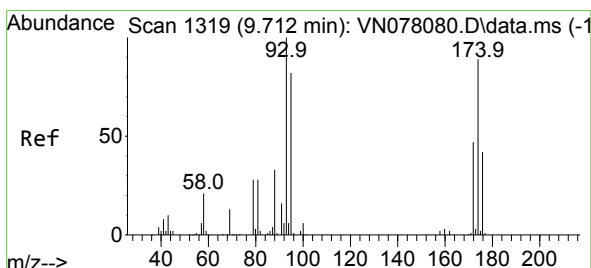
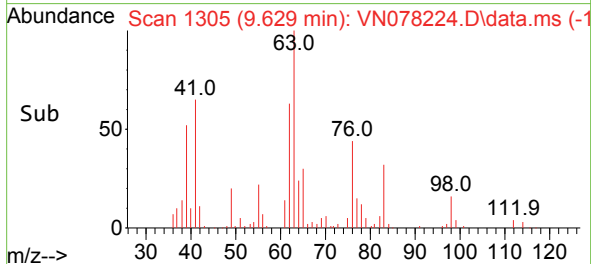
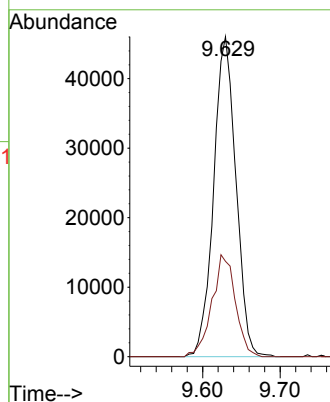
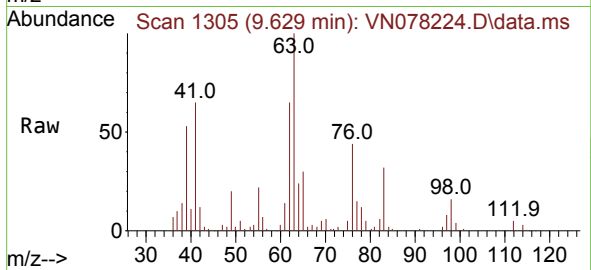




#45
1,2-Dichloropropane
Concen: 22.051 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

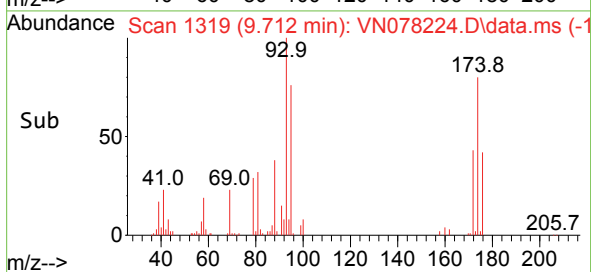
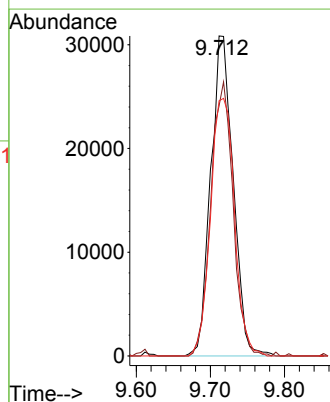
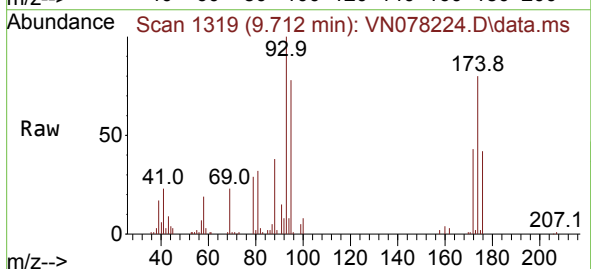
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

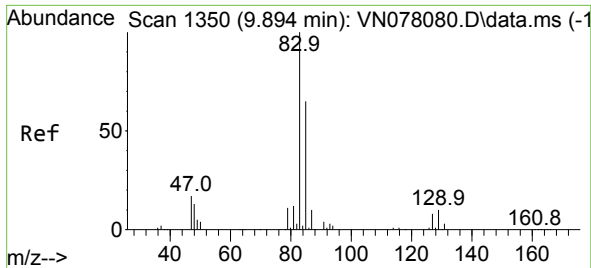
Tgt Ion: 63 Resp: 91978
Ion Ratio Lower Upper
63 100
65 29.8 23.9 35.9



#46
Dibromomethane
Concen: 21.150 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 93 Resp: 64978
Ion Ratio Lower Upper
93 100
95 85.1 63.8 95.8
174 86.0 65.6 98.4

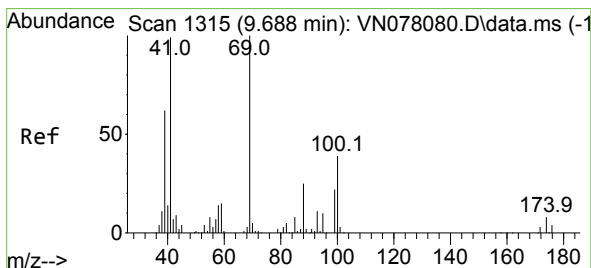
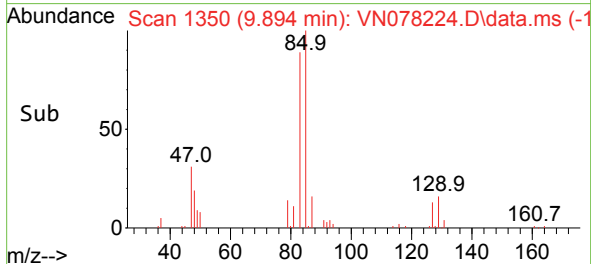
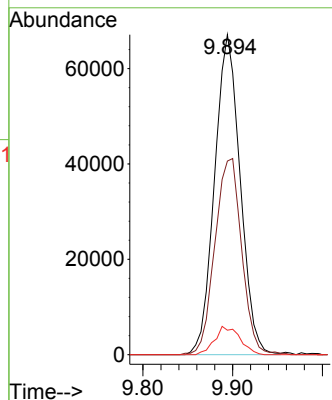
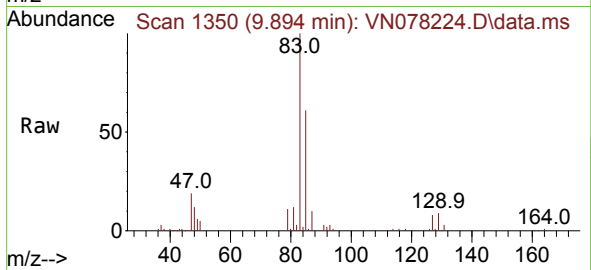




#47
Bromodichloromethane
Concen: 23.314 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

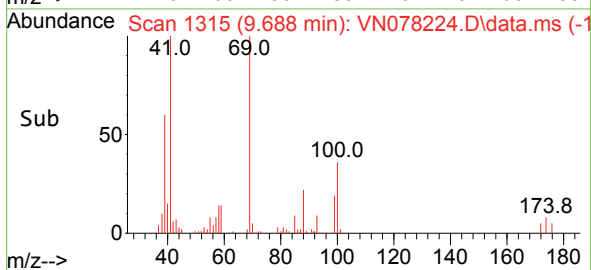
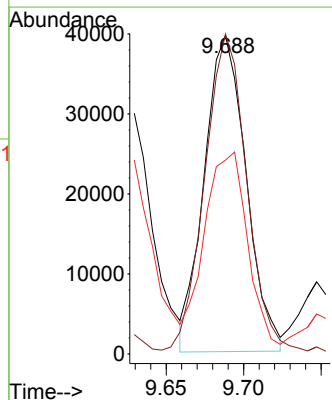
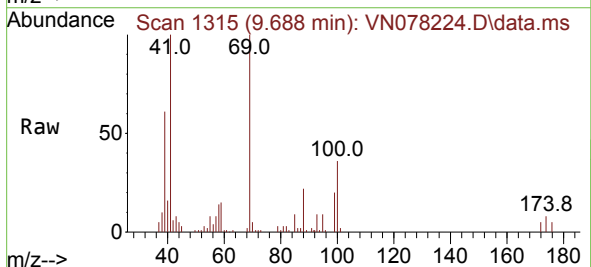
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

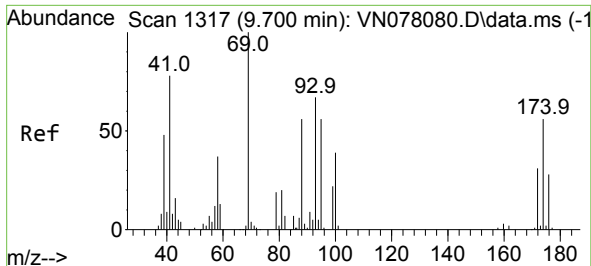
Tgt Ion: 83 Resp: 133048
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 21.082 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 41 Resp: 74224
Ion Ratio Lower Upper
41 100
69 100.6 90.4 135.6
39 67.1 54.6 81.8





#49

1,4-Dioxane

Concen: 406.963 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

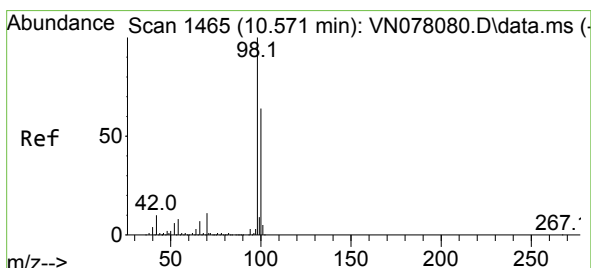
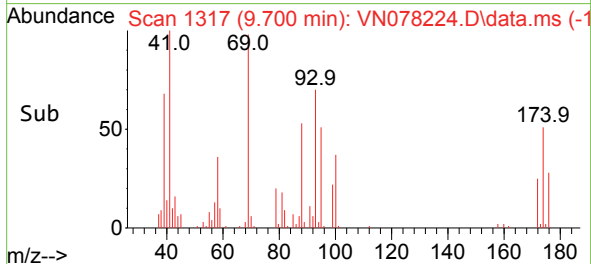
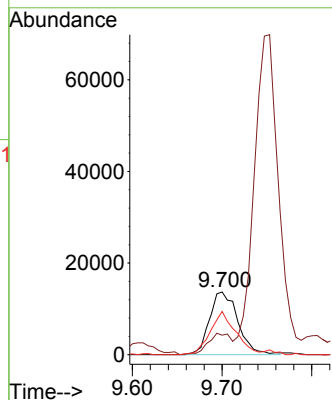
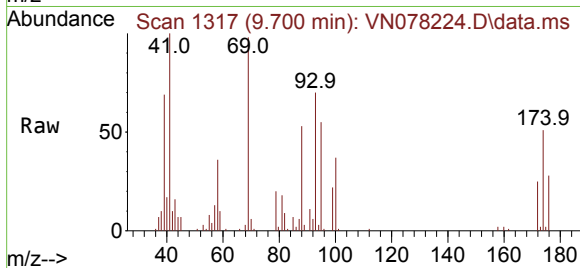
Tgt Ion: 88 Resp: 30115

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6#

58 61.8 47.0 70.4



#50

Toluene-d8

Concen: 54.186 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078224.D

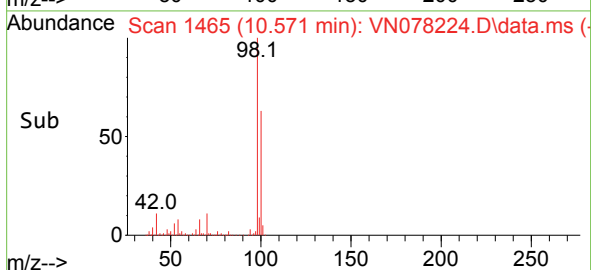
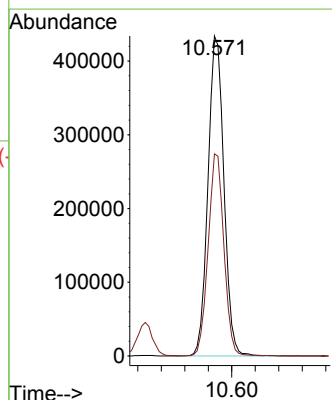
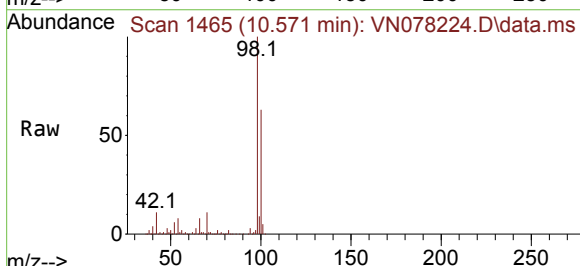
Acq: 15 Jun 2023 13:32

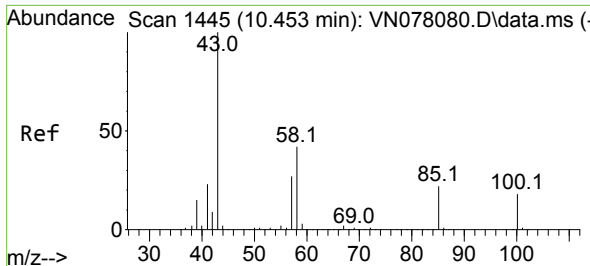
Tgt Ion: 98 Resp: 817806

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0

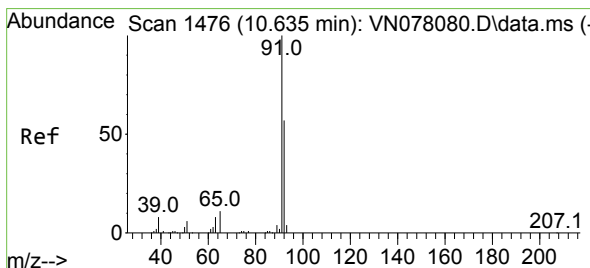
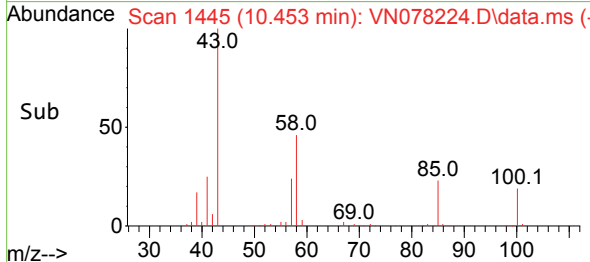
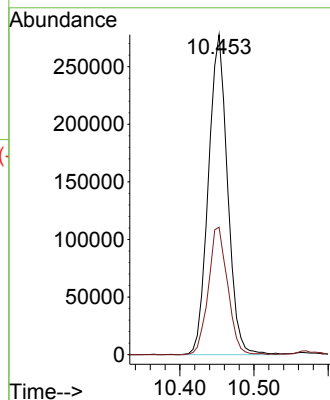
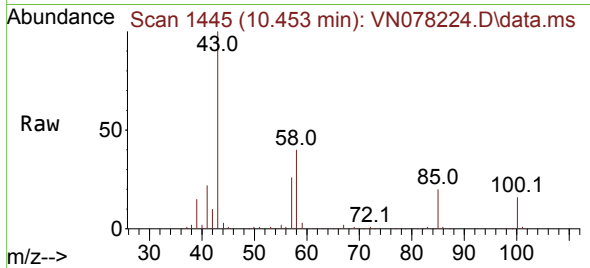




#51
4-Methyl-2-Pentanone
Concen: 112.818 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

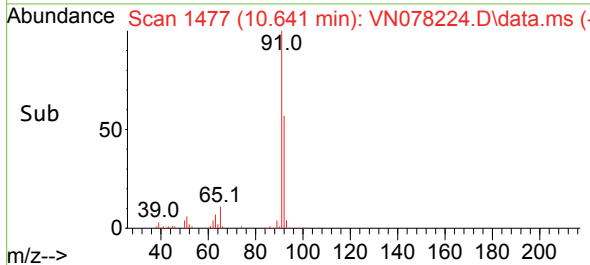
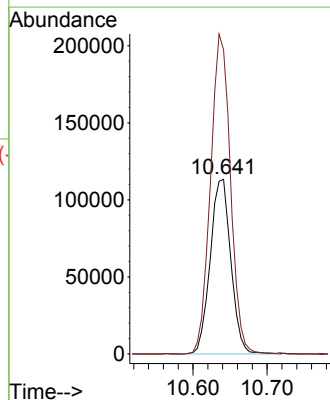
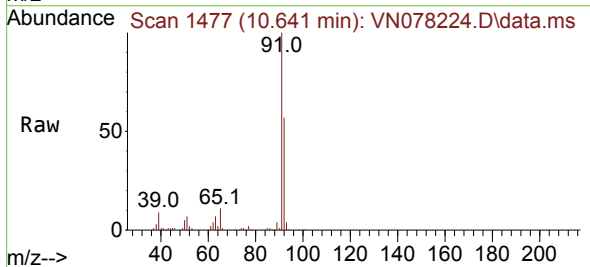
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

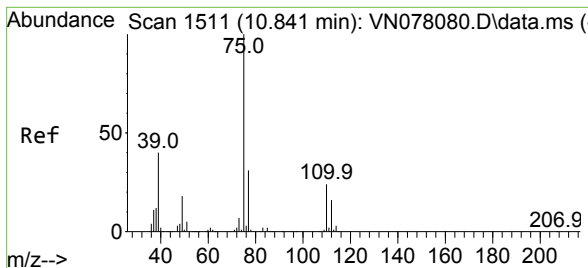
Tgt Ion: 43 Resp: 498422
Ion Ratio Lower Upper
43 100
58 40.3 36.6 54.8



#52
Toluene
Concen: 20.694 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 92 Resp: 219046
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0

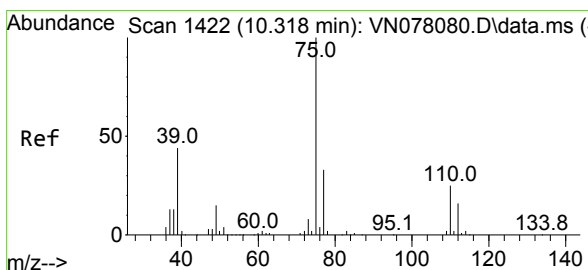
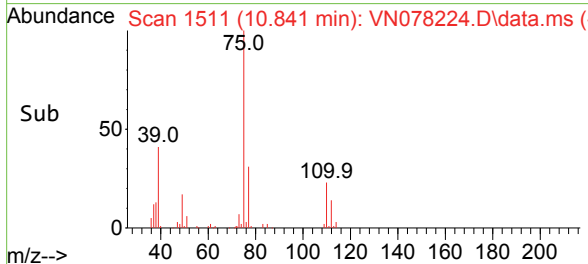
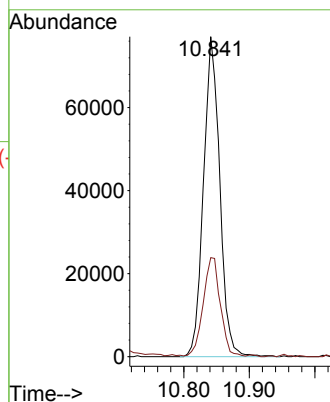
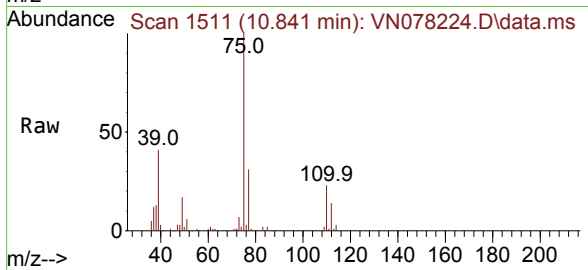




#53
t-1,3-Dichloropropene
Concen: 22.411 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

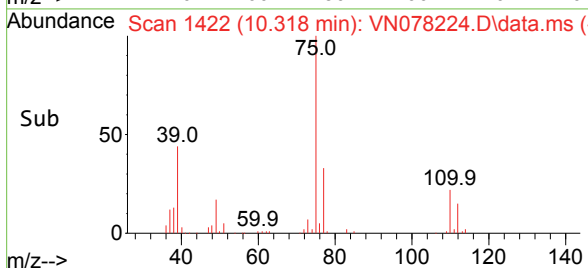
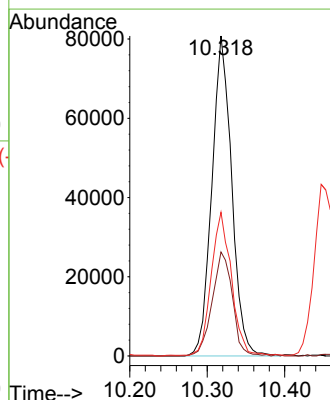
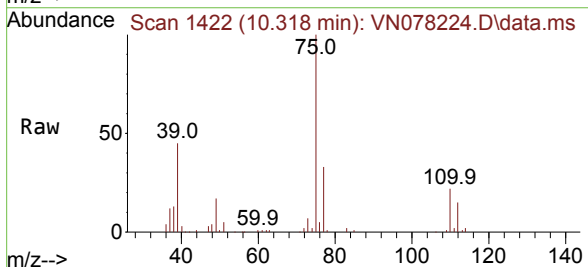
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

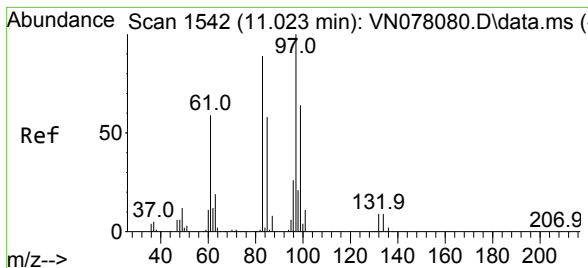
Tgt Ion: 75 Resp: 133200
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.889 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 75 Resp: 143809
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 44.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 23.283 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

Tgt Ion: 97 Resp: 93229

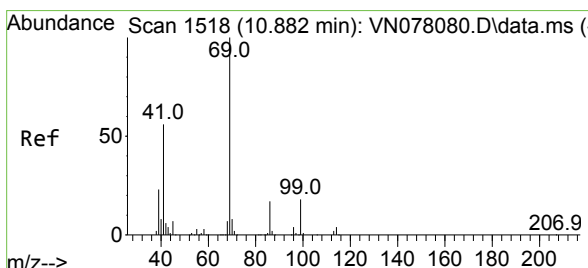
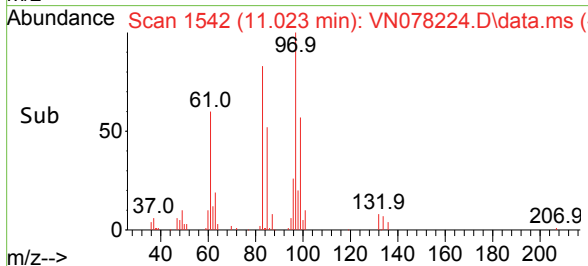
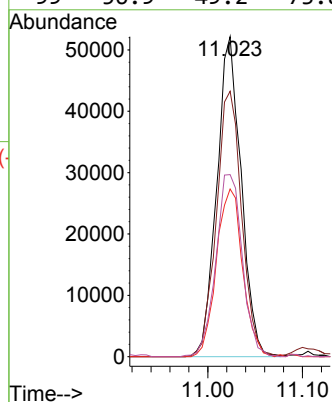
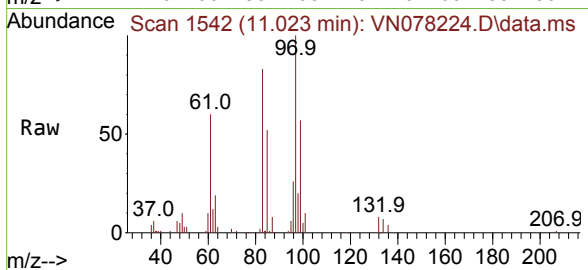
Ion Ratio Lower Upper

97 100

83 82.9 65.1 97.7

85 52.4 43.4 65.2

99 56.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.257 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

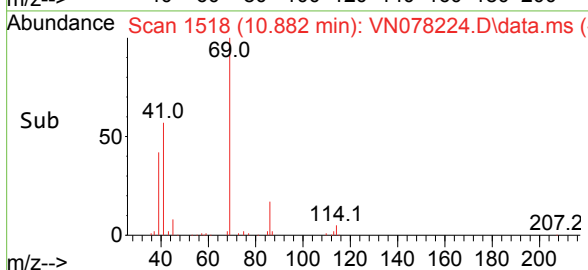
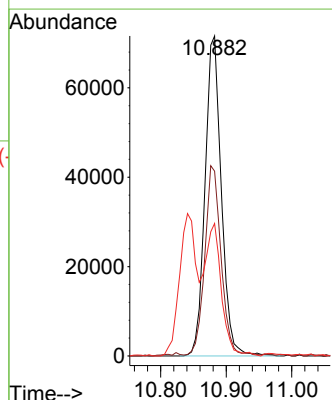
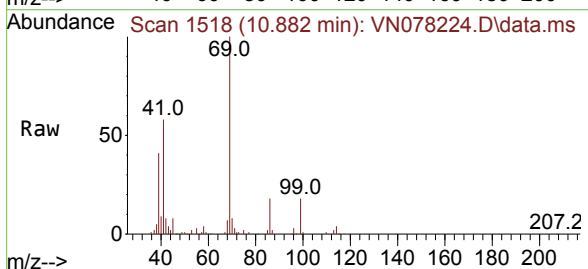
Tgt Ion: 69 Resp: 123937

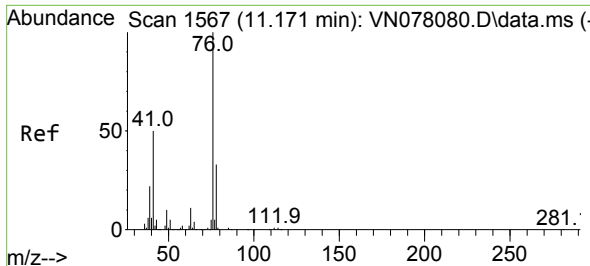
Ion Ratio Lower Upper

69 100

41 58.7 39.6 59.4

39 42.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.488 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

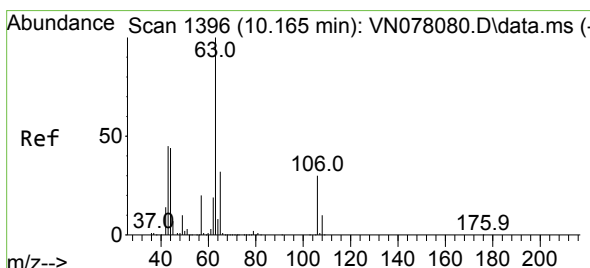
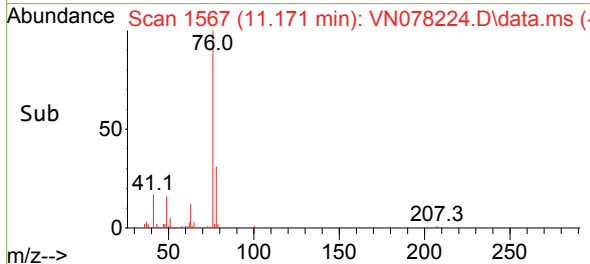
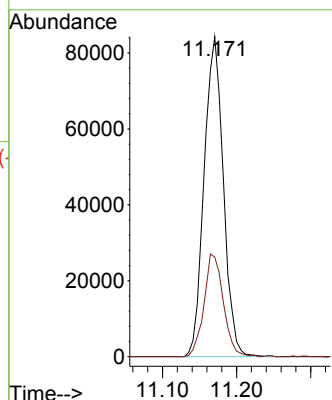
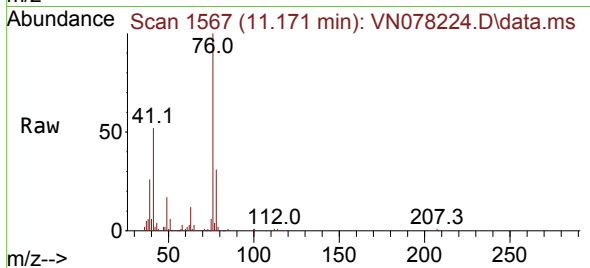
VN0615MBS01

Tgt Ion: 76 Resp: 151996

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 102.356 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078224.D

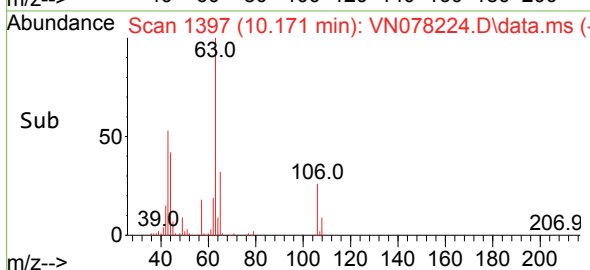
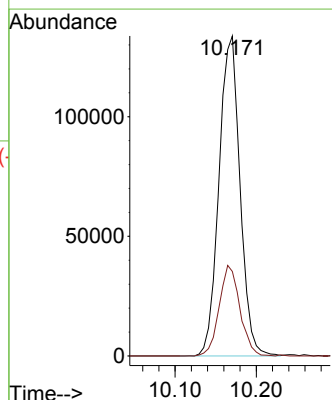
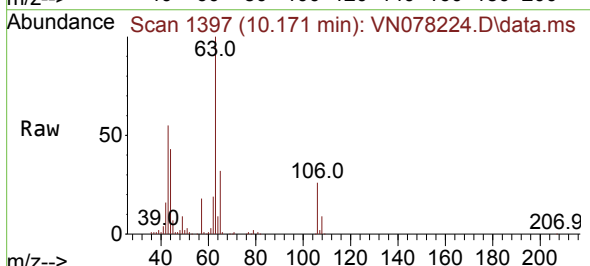
Acq: 15 Jun 2023 13:32

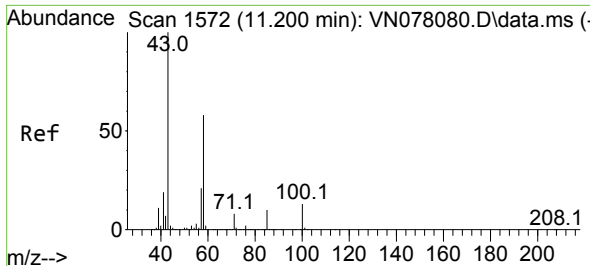
Tgt Ion: 63 Resp: 241078

Ion Ratio Lower Upper

63 100

106 27.9 26.2 39.4

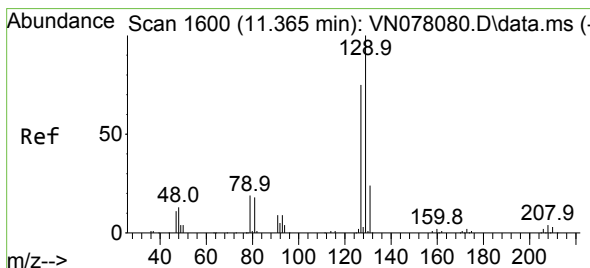
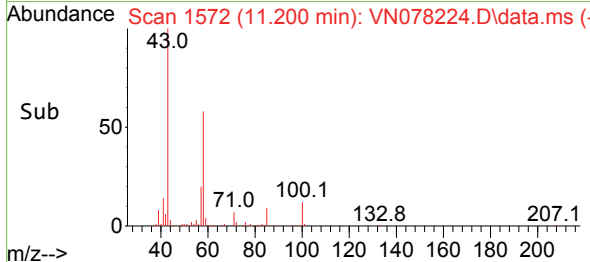
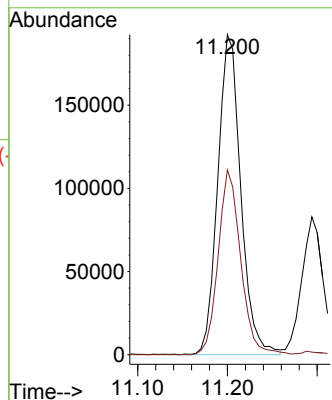
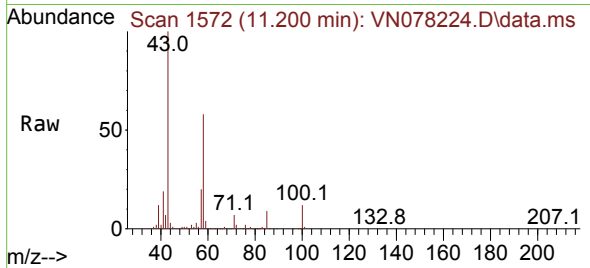




#59
2-Hexanone
Concen: 111.571 ug/l
RT: 11.200 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

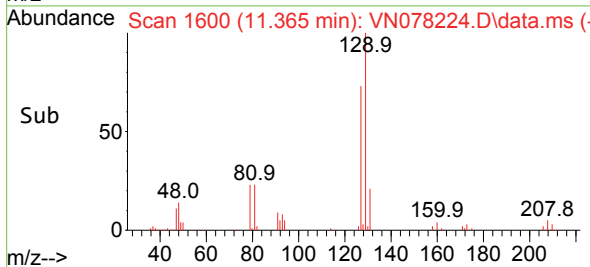
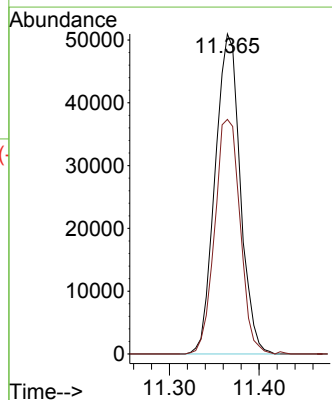
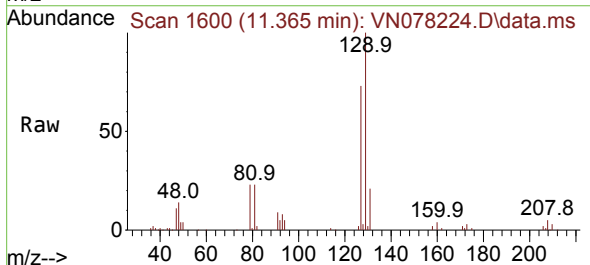
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

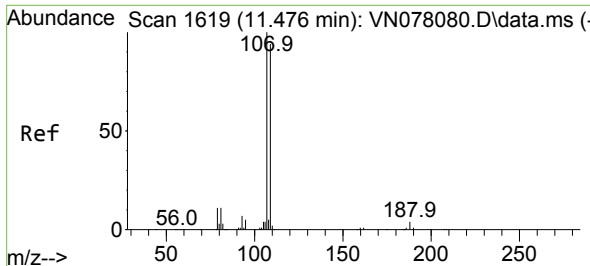
Tgt Ion: 43 Resp: 343210
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1



#60
Dibromochloromethane
Concen: 22.649 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:129 Resp: 99240
Ion Ratio Lower Upper
129 100
127 73.9 38.6 116.0

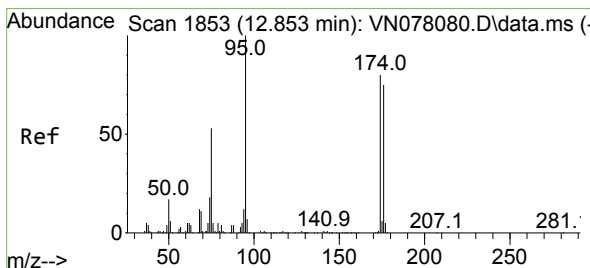
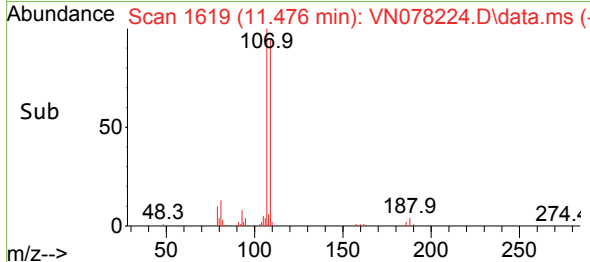
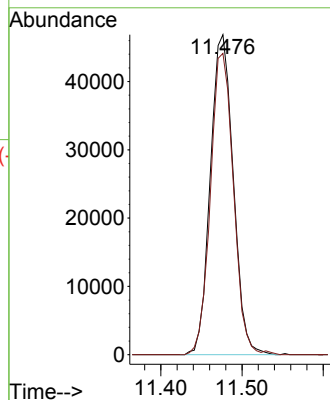
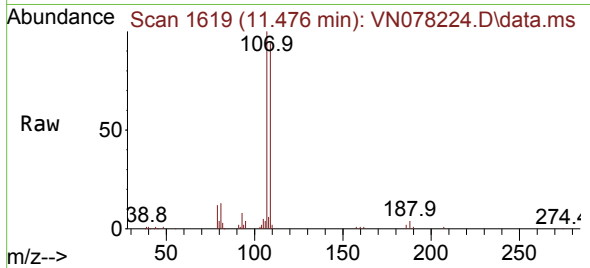




#61
1,2-Dibromoethane
Concen: 21.871 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

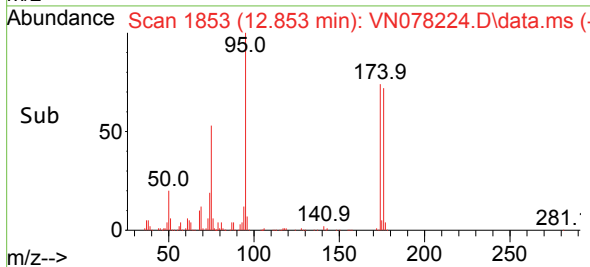
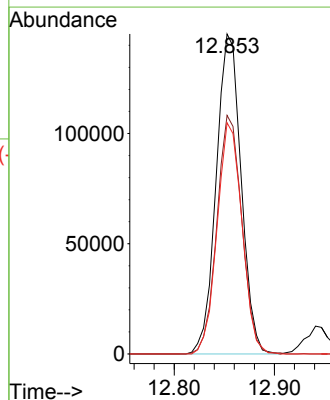
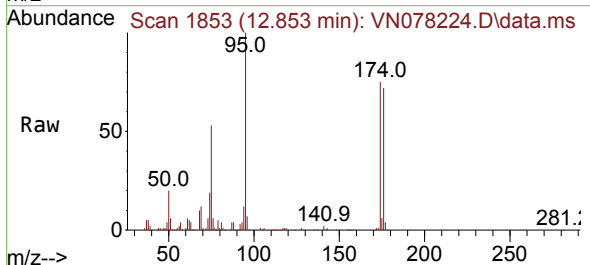
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

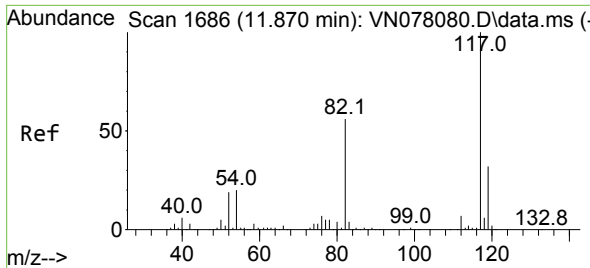
Tgt Ion:107 Resp: 91903
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.371 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 95 Resp: 250413
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.1 0.0 135.8

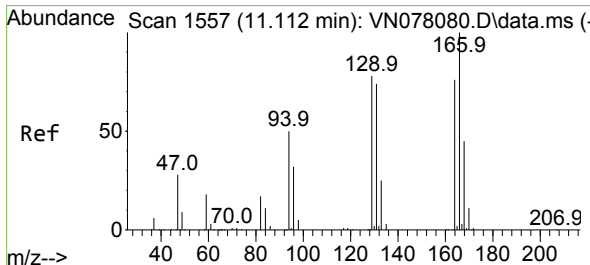
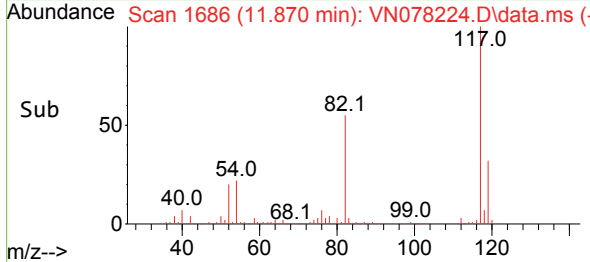
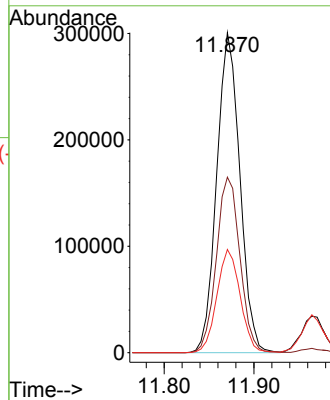
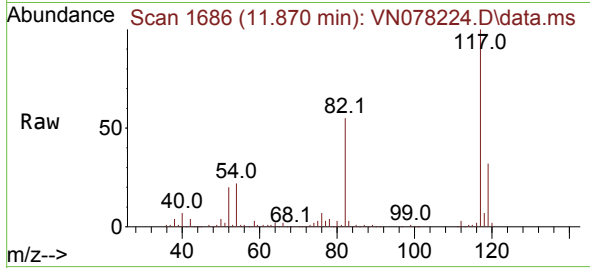




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

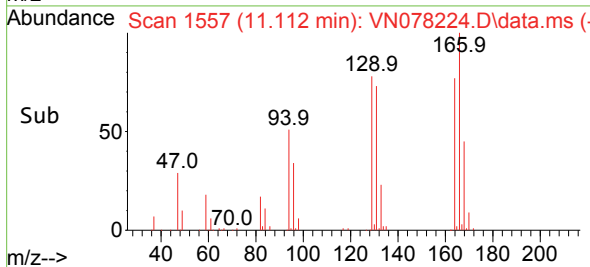
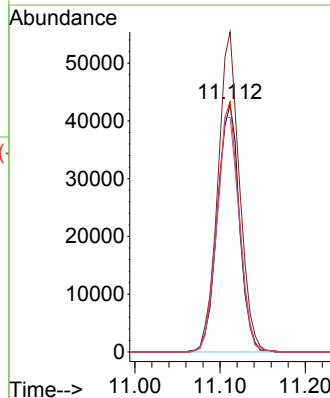
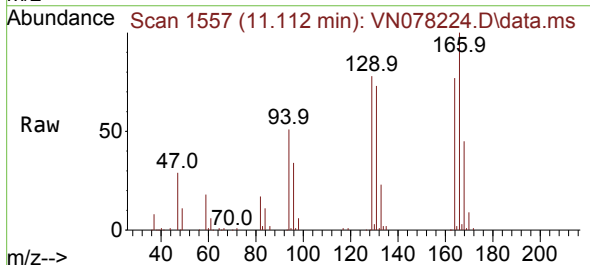
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

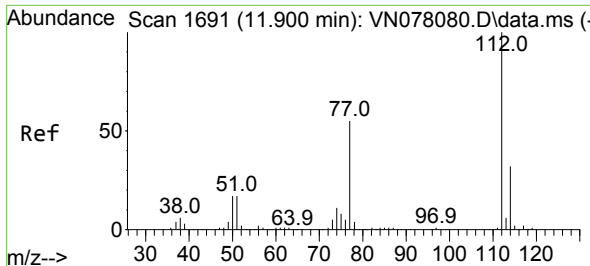
Tgt Ion:117	Resp: 538973
Ion Ratio	Lower Upper
117 100	
82 54.9	44.0 66.0
119 32.3	25.6 38.4



#64
Tetrachloroethene
Concen: 21.298 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt	Ion:164	Resp:	76580
Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.4	152.0
129	101.0	82.4	123.6
131	94.5	78.2	117.4

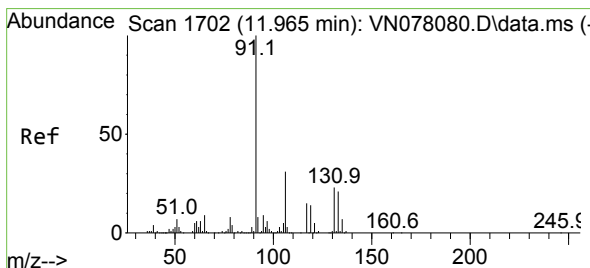
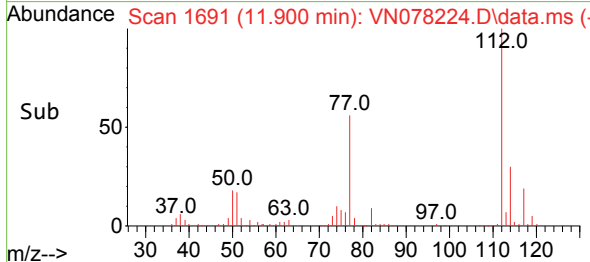
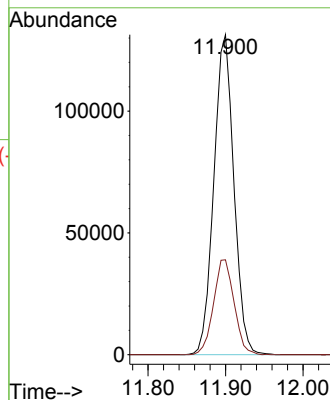
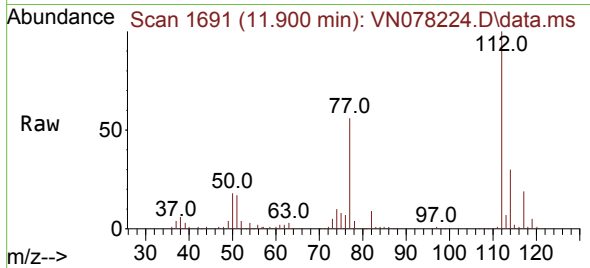




#65
Chlorobenzene
Concen: 20.407 ug/l
RT: 11.900 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

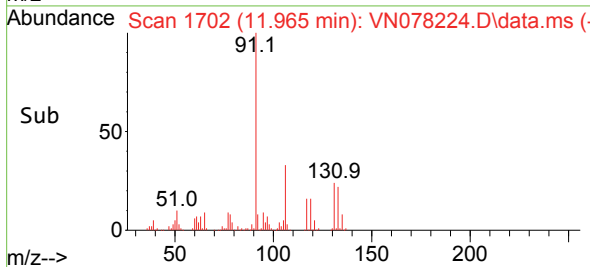
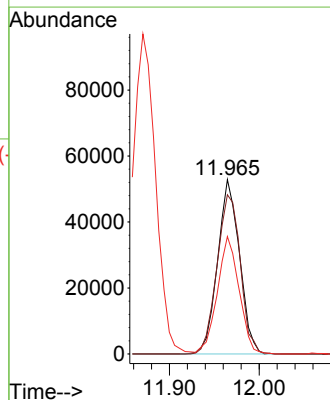
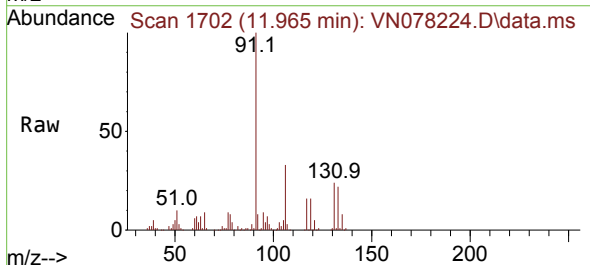
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

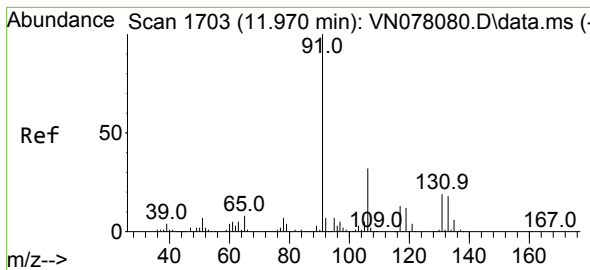
Tgt Ion:112 Resp: 235544
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.103 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:131 Resp: 89588
Ion Ratio Lower Upper
131 100
133 97.3 46.4 139.1
119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 20.228 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

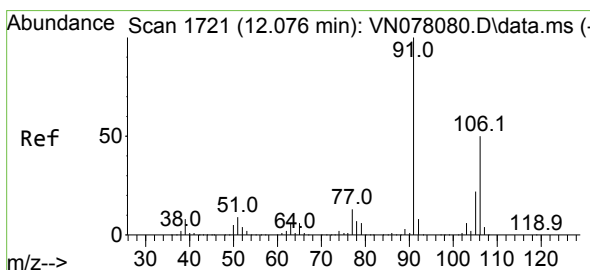
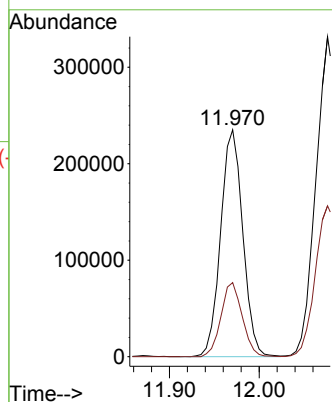
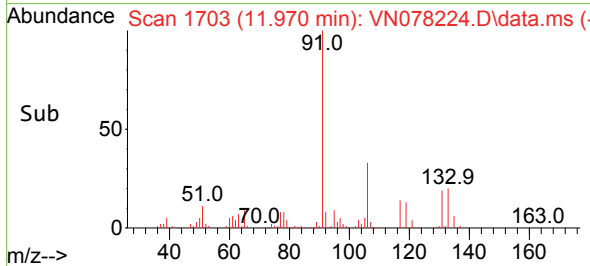
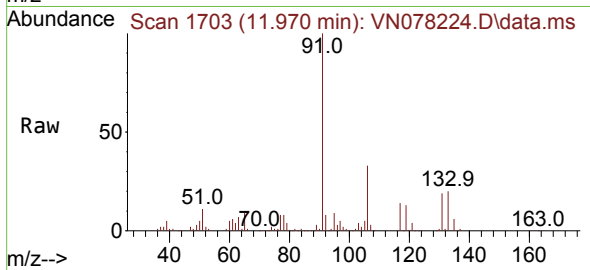
VN0615MBS01

Tgt Ion: 91 Resp: 402857

Ion Ratio Lower Upper

91 100

106 32.6 25.6 38.4



#68

m/p-Xylenes

Concen: 40.534 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. -0.000 min

Lab File: VN078224.D

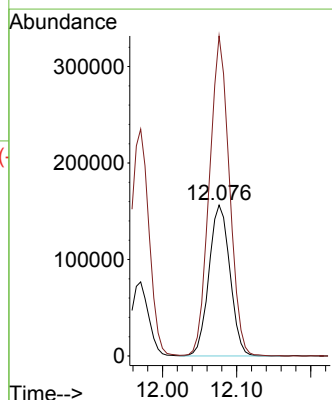
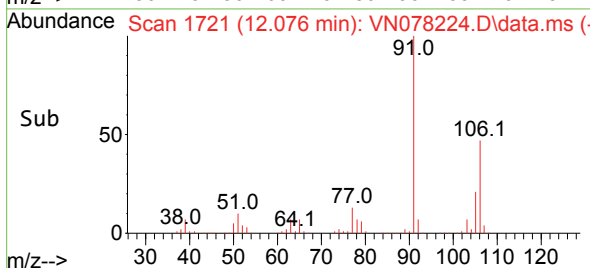
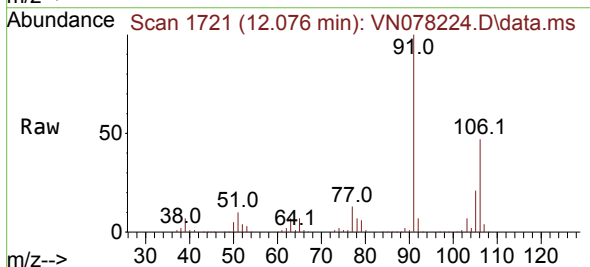
Acq: 15 Jun 2023 13:32

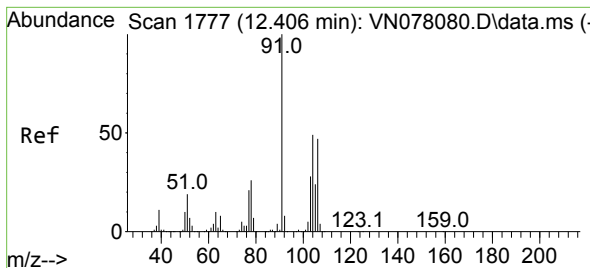
Tgt Ion: 106 Resp: 307655

Ion Ratio Lower Upper

106 100

91 202.6 159.6 239.4





#69

o-Xylene

Concen: 20.315 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

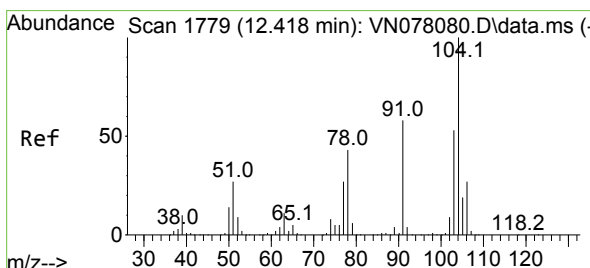
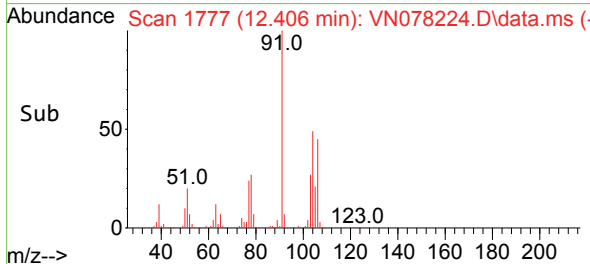
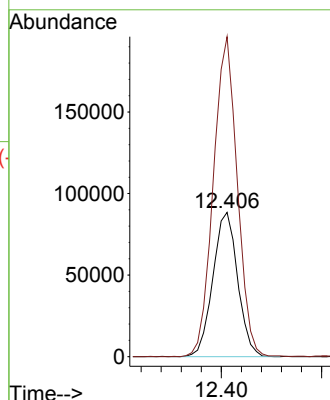
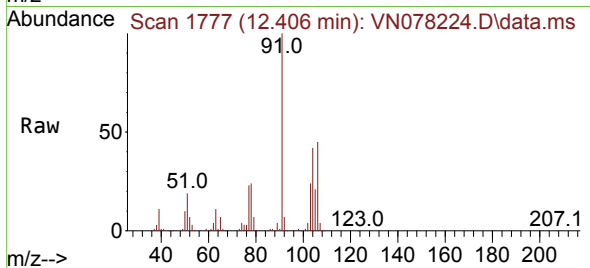
VN0615MBS01

Tgt Ion:106 Resp: 151418

Ion Ratio Lower Upper

106 100

91 215.0 105.2 315.5



#70

Styrene

Concen: 20.518 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

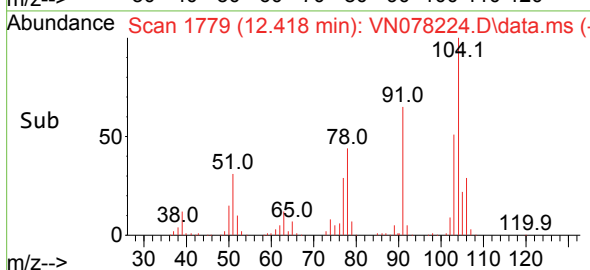
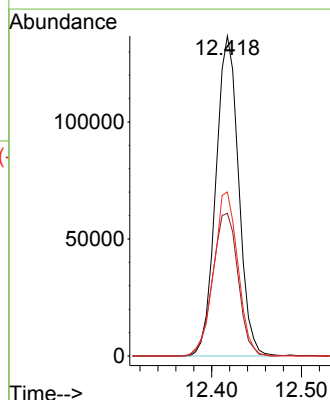
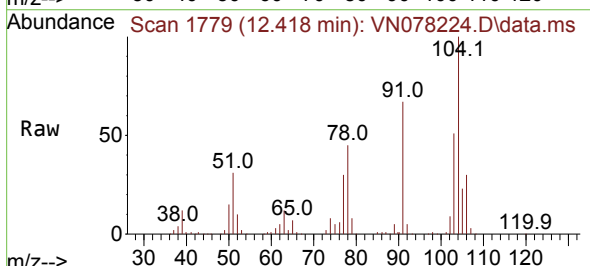
Tgt Ion:104 Resp: 240770

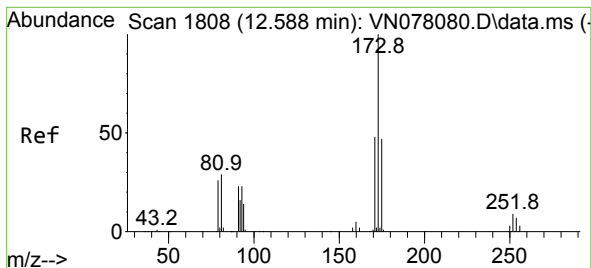
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 54.4 43.2 64.8





#71

Bromoform

Concen: 22.033 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

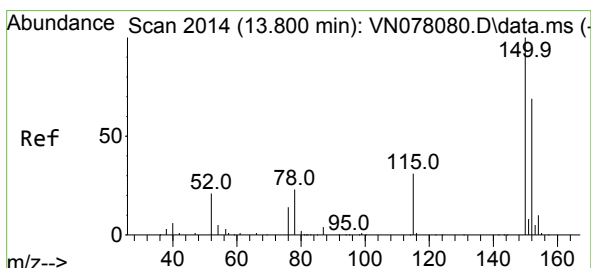
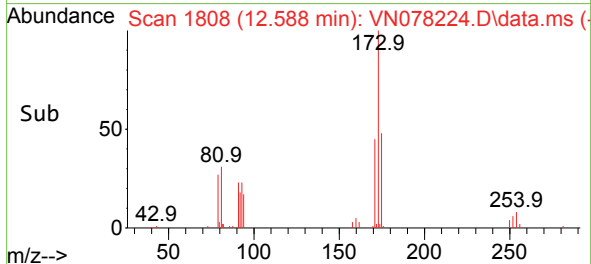
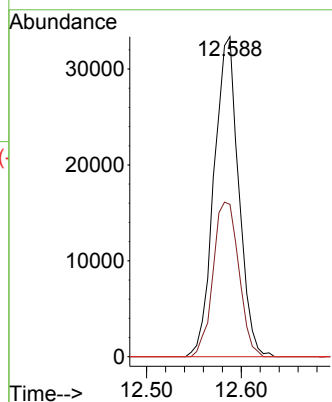
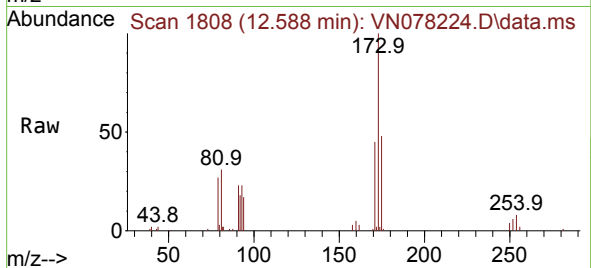
Tgt Ion:173 Resp: 60362

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

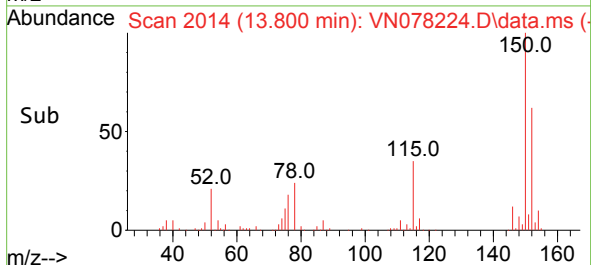
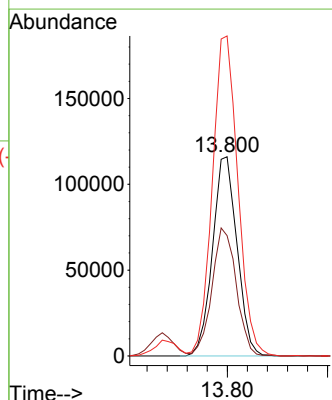
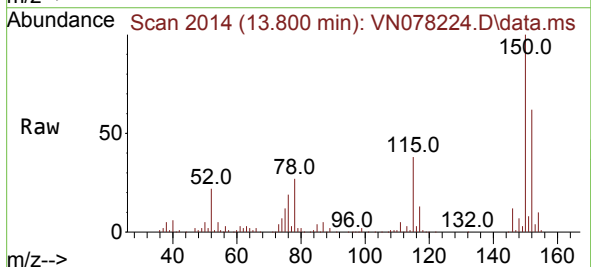
Tgt Ion:152 Resp: 197086

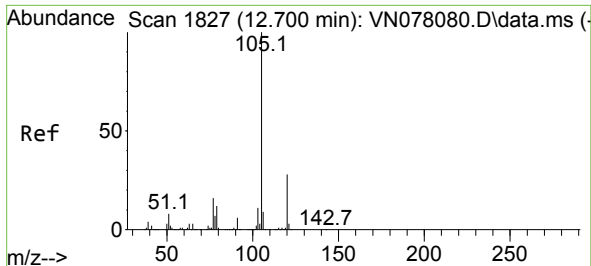
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 167.1 0.0 355.8

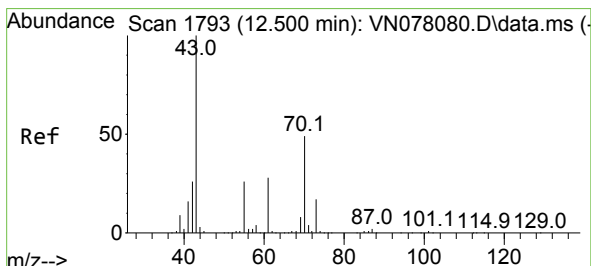
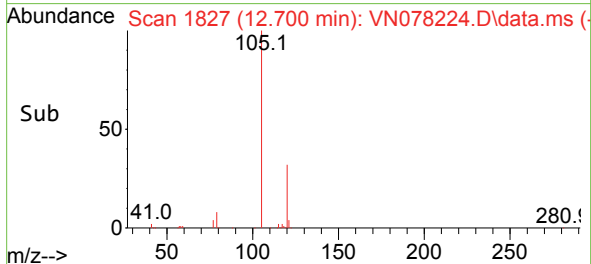
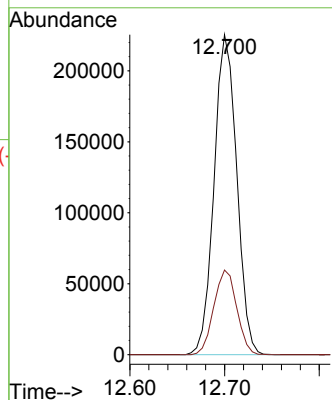
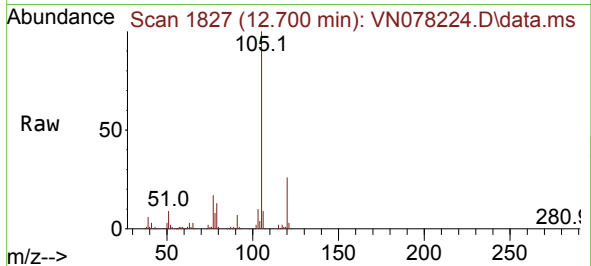




#73
Isopropylbenzene
Concen: 20.116 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

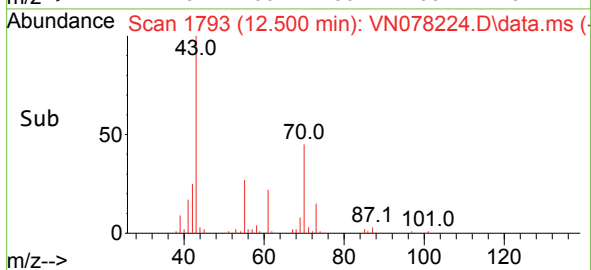
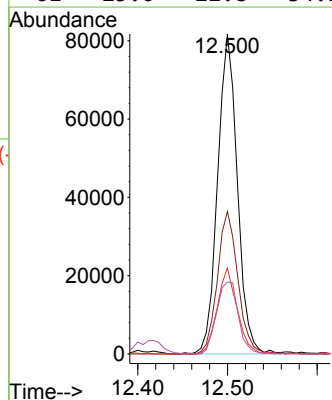
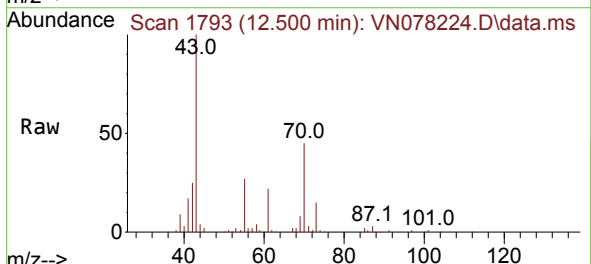
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

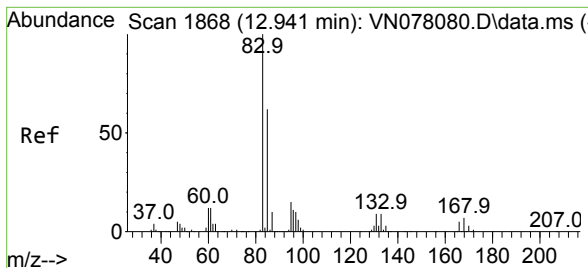
Tgt Ion:105 Resp: 374907
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 20.362 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 43 Resp: 124970
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 27.2 21.4 32.0
61 25.0 22.8 34.2

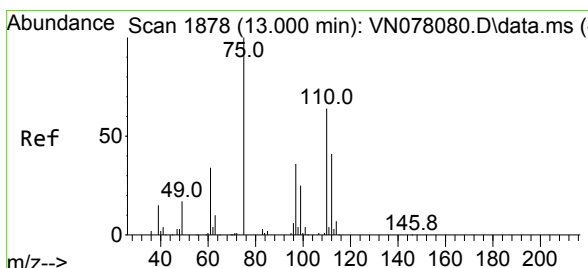
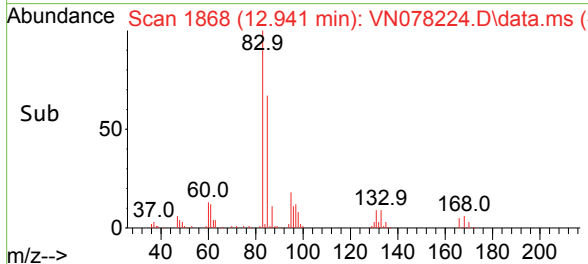
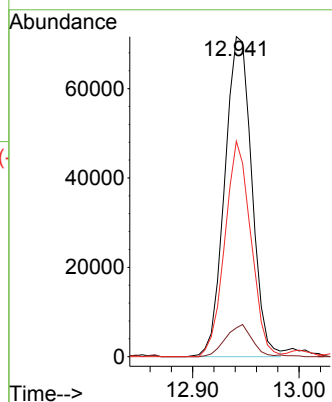
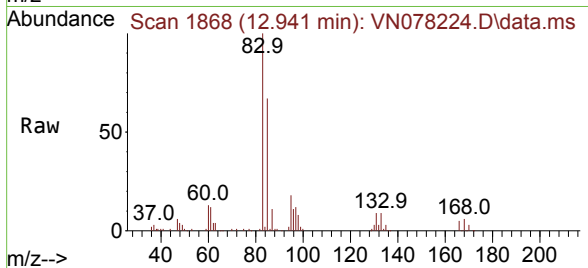




#75
1,1,2,2-Tetrachloroethane
Concen: 23.316 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

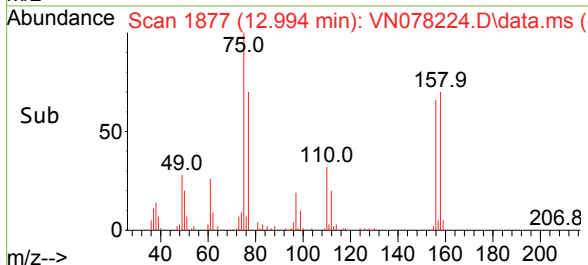
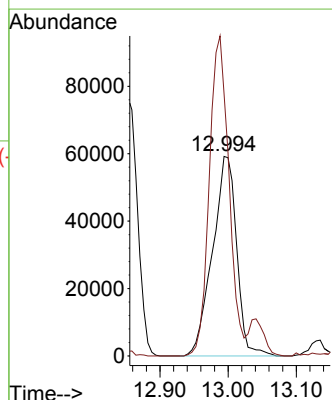
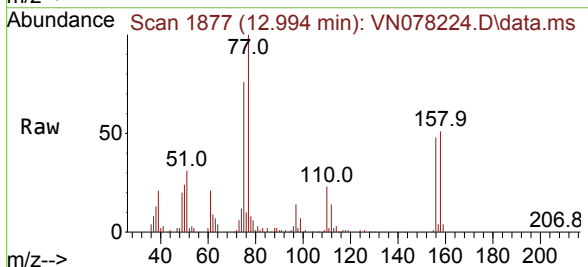
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

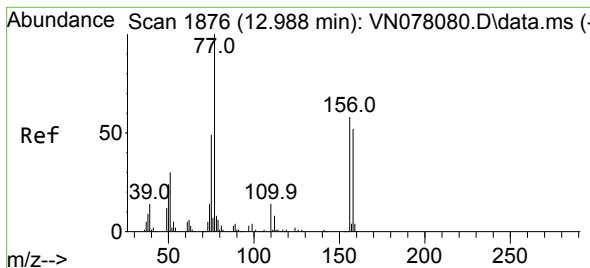
Tgt Ion: 83 Resp: 126210
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.288 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 75 Resp: 145775
Ion Ratio Lower Upper
75 100
77 130.2 84.5 253.5





#77

Bromobenzene

Concen: 19.933 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

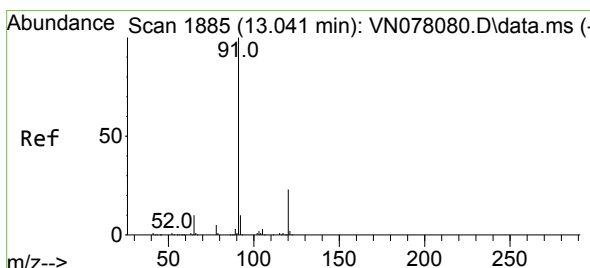
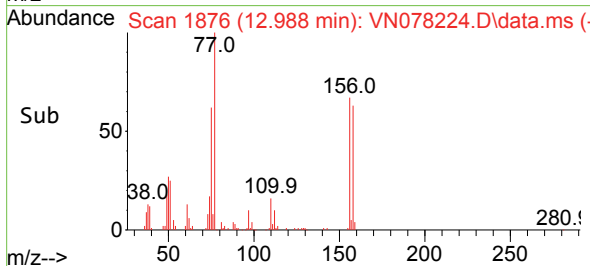
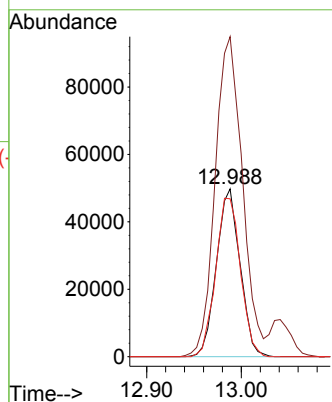
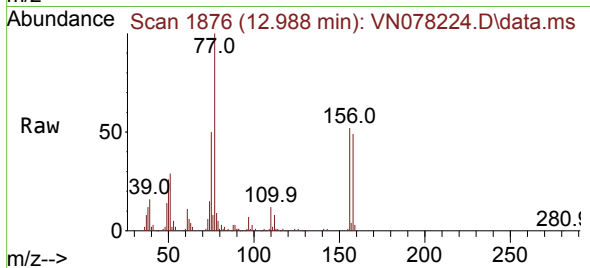
Tgt Ion:156 Resp: 86239

Ion Ratio Lower Upper

156 100

77 220.1 107.7 323.3

158 99.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.611 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078224.D

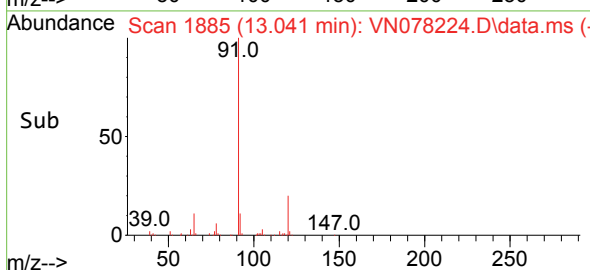
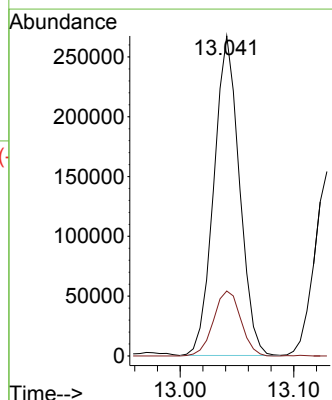
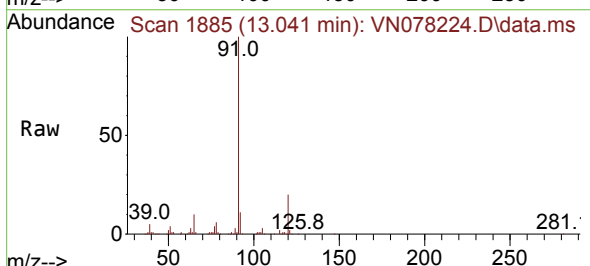
Acq: 15 Jun 2023 13:32

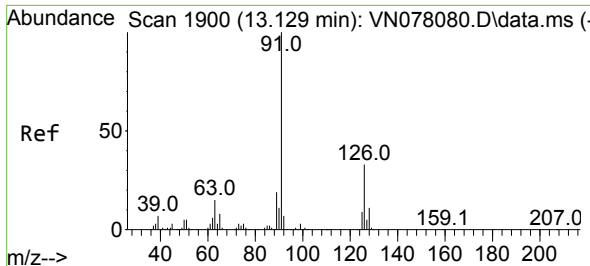
Tgt Ion: 91 Resp: 417356

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

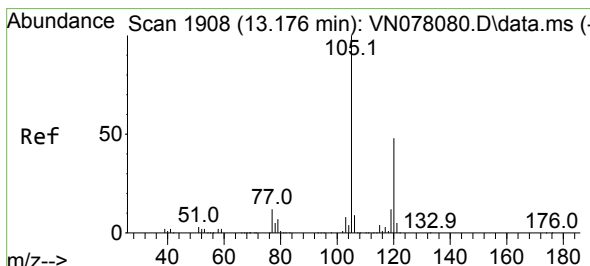
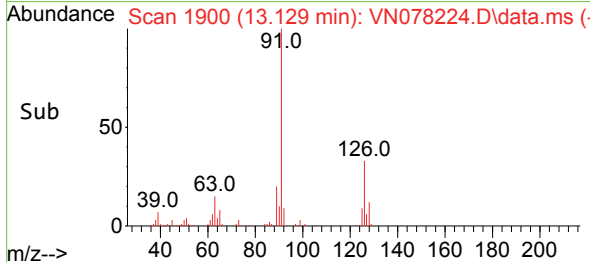
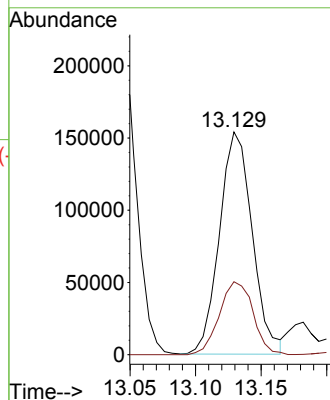
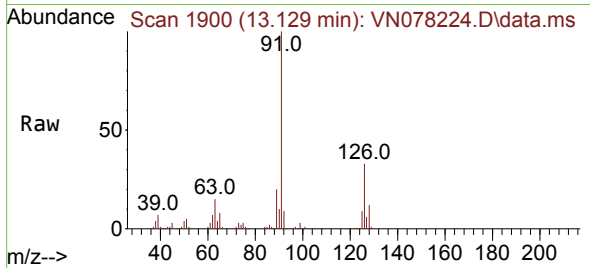




#79
2-Chlorotoluene
Concen: 20.511 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

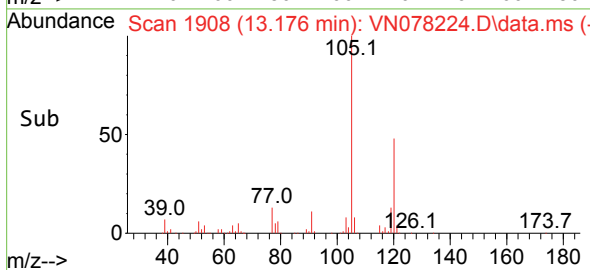
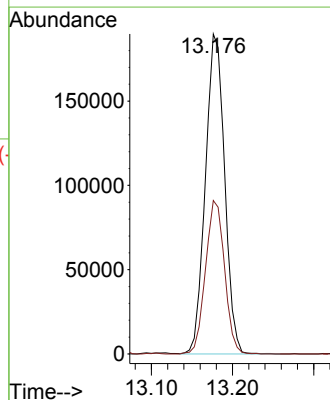
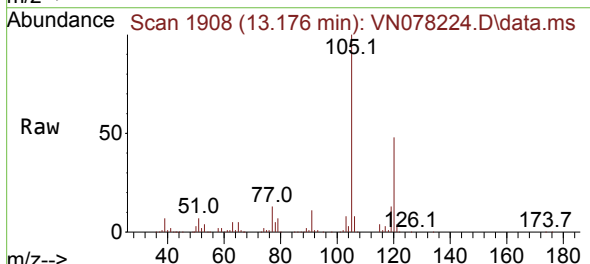
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

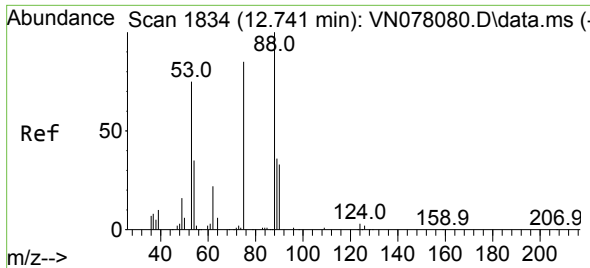
Tgt Ion: 91 Resp: 268086
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 105 Resp: 312124
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

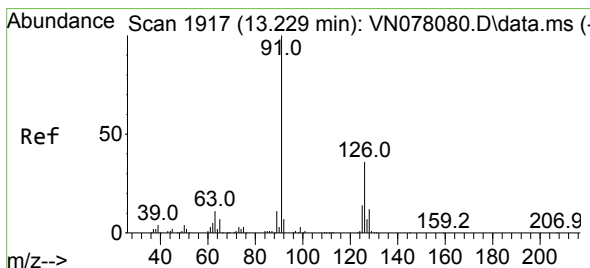
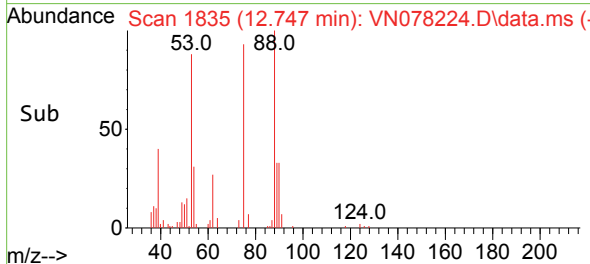
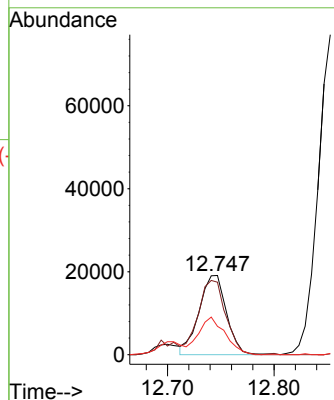
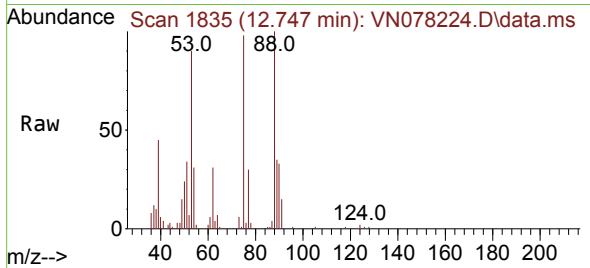




#81
trans-1,4-Dichloro-2-butene
Concen: 22.551 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

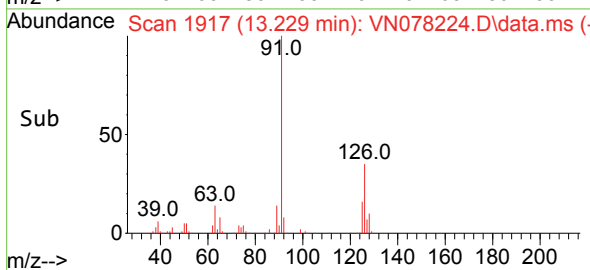
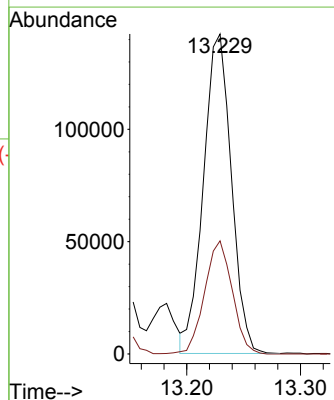
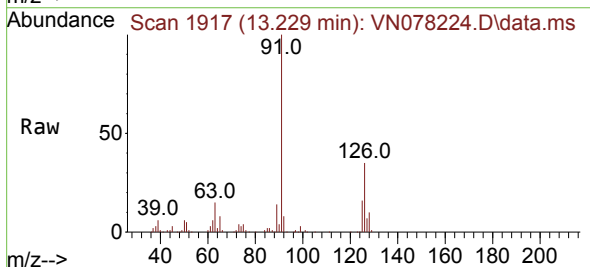
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

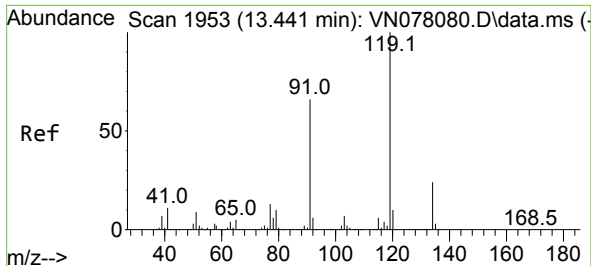
Tgt Ion: 75 Resp: 34198
Ion Ratio Lower Upper
75 100
53 94.8 67.4 101.2
89 45.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.905 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 91 Resp: 242811
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0

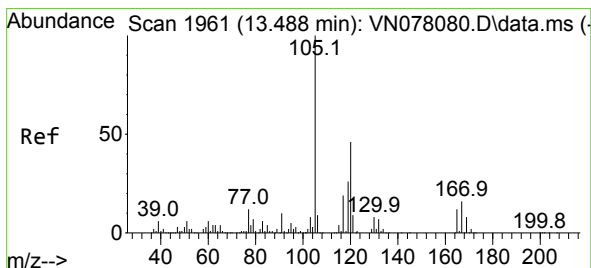
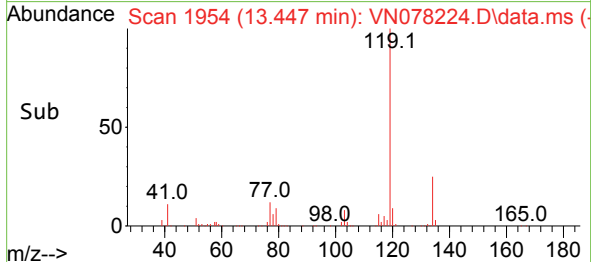
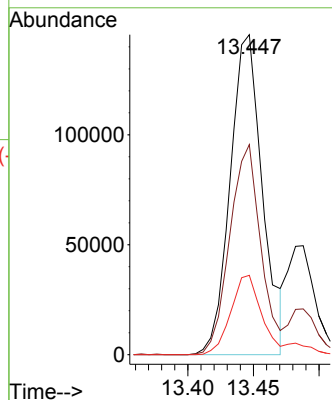
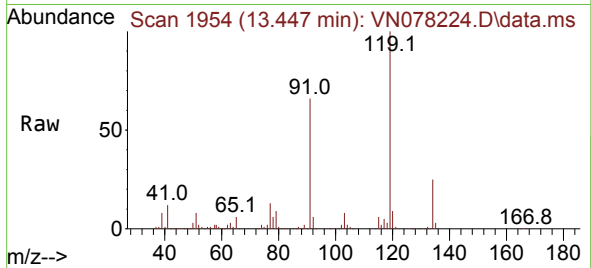




#83
tert-Butylbenzene
Concen: 19.040 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

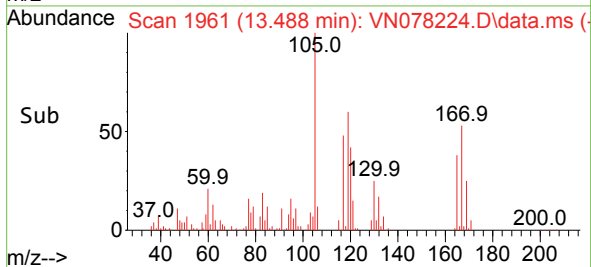
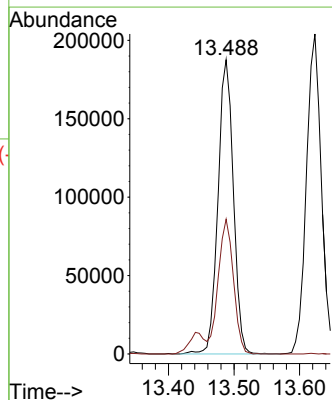
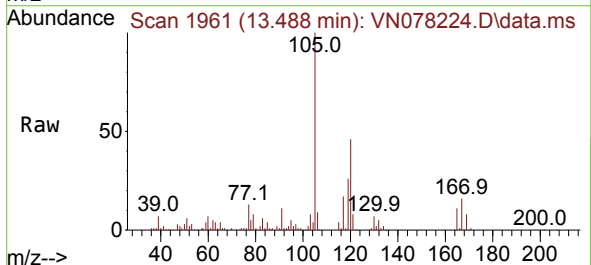
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

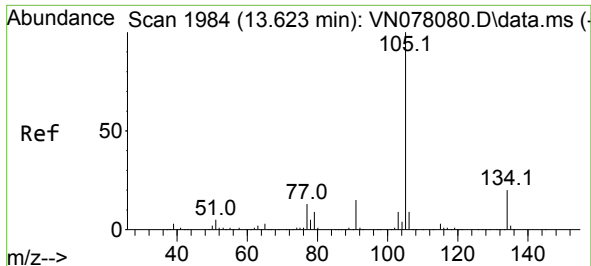
Tgt Ion:119 Resp: 249727
Ion Ratio Lower Upper
119 100
91 63.1 33.9 101.7
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.826 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:105 Resp: 304660
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

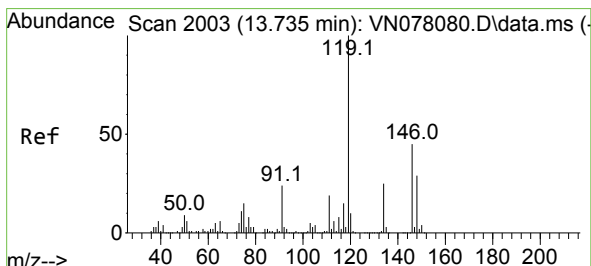
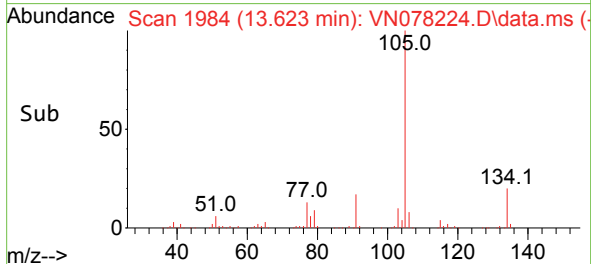
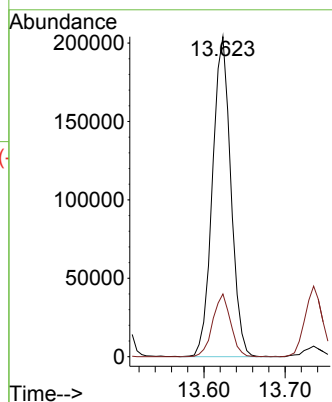
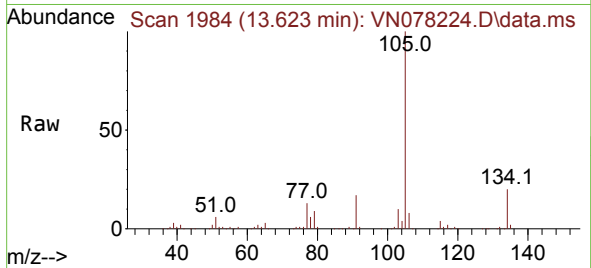




#85
 sec-Butylbenzene
 Concen: 18.702 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

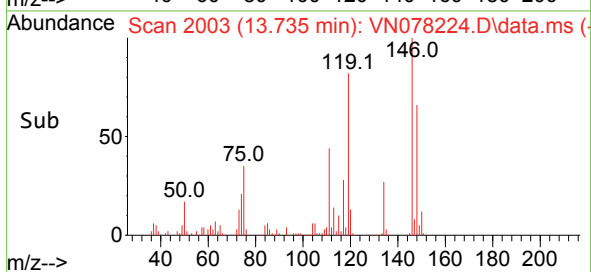
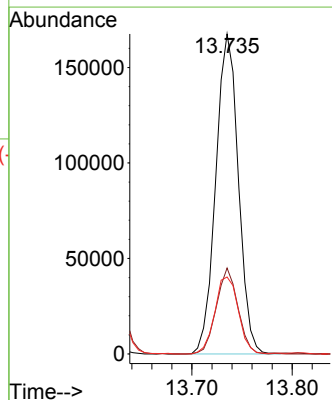
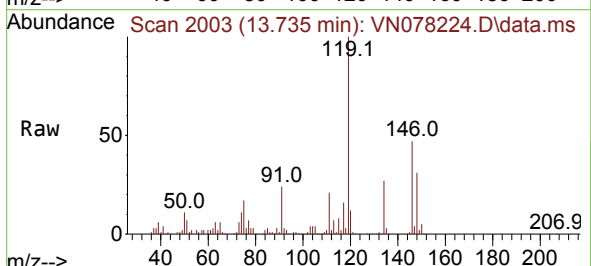
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615MBS01

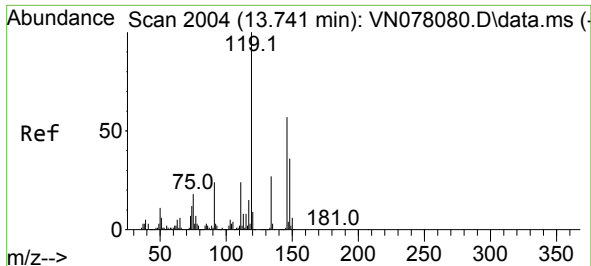
Tgt Ion:105 Resp: 321065
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.817 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078224.D
 Acq: 15 Jun 2023 13:32

Tgt Ion:119 Resp: 262143
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.2 12.4 37.2

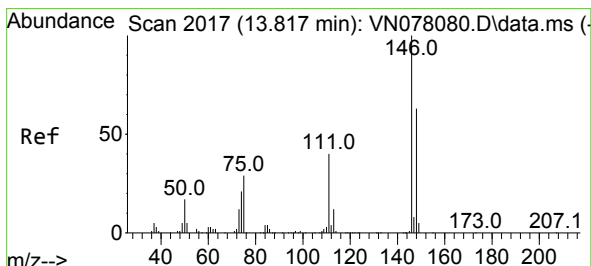
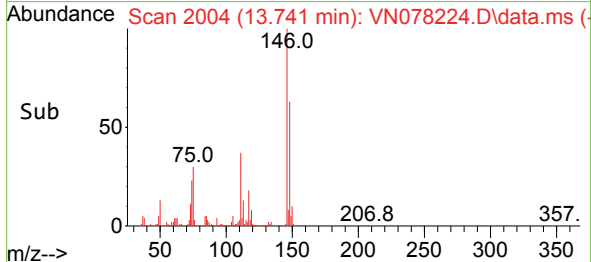
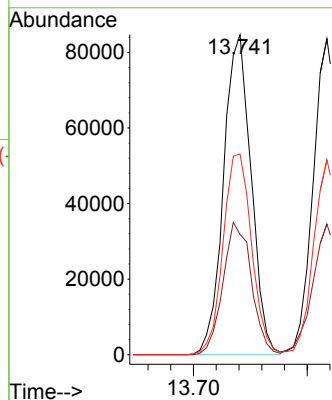
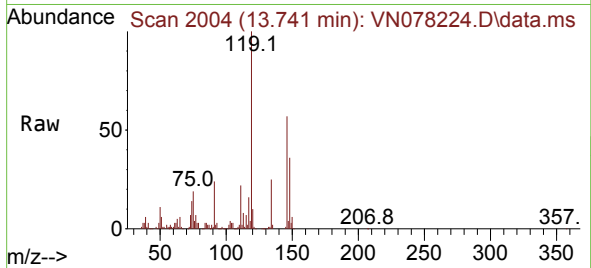




#87
1,3-Dichlorobenzene
Concen: 19.495 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

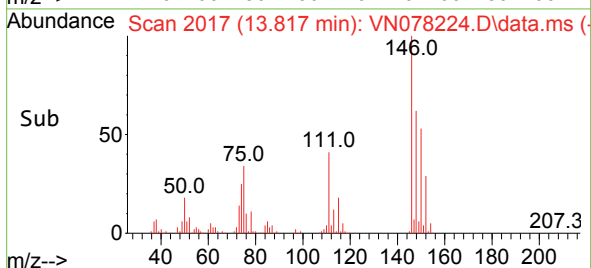
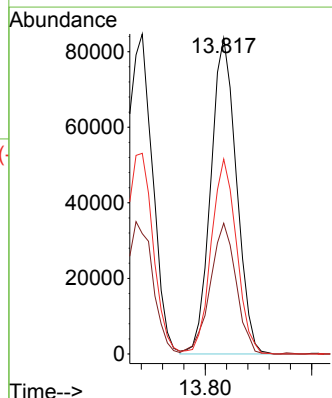
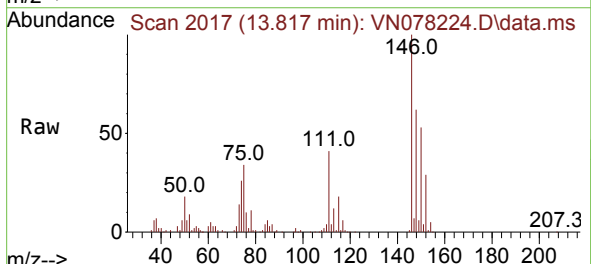
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

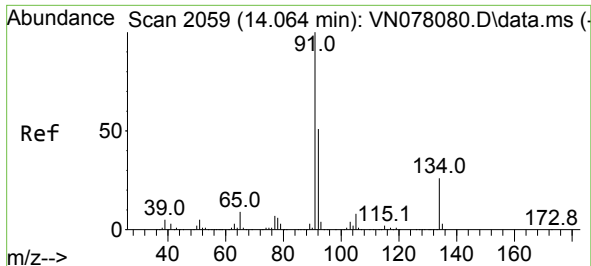
Tgt Ion:146 Resp: 142663
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.3
148 65.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.788 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:146 Resp: 139730
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 60.9 31.6 94.8

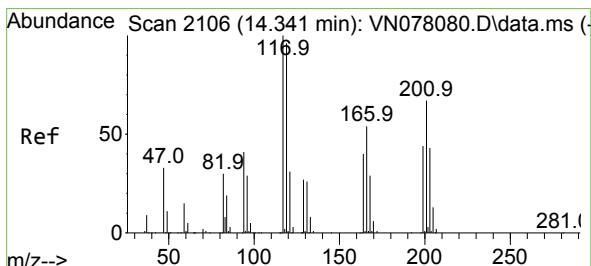
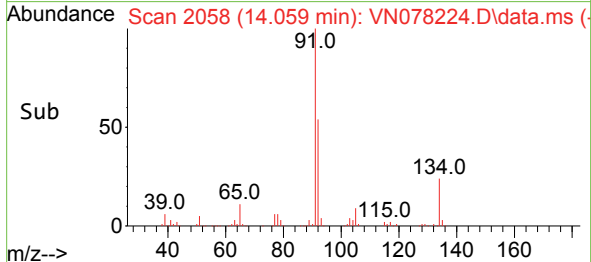
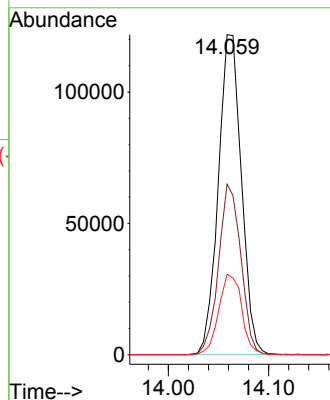
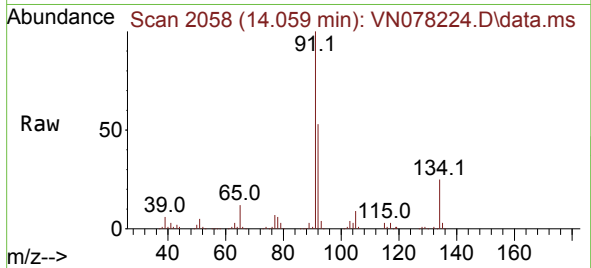




#89
n-Butylbenzene
Concen: 17.742 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

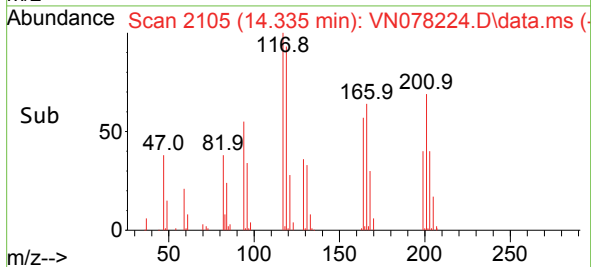
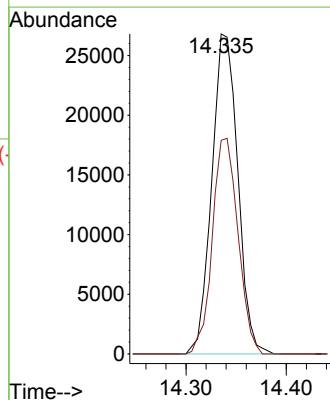
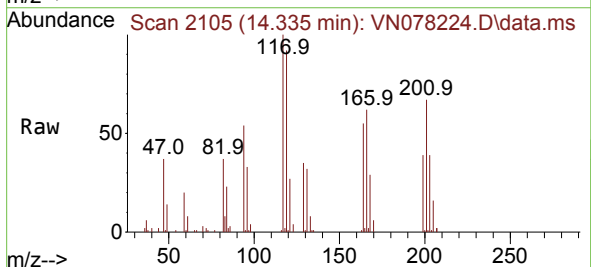
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

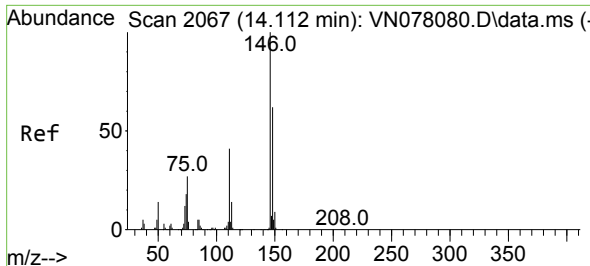
Tgt Ion: 91 Resp: 194951
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 19.486 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 117 Resp: 48176
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0

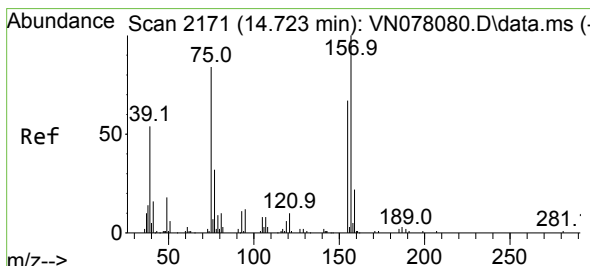
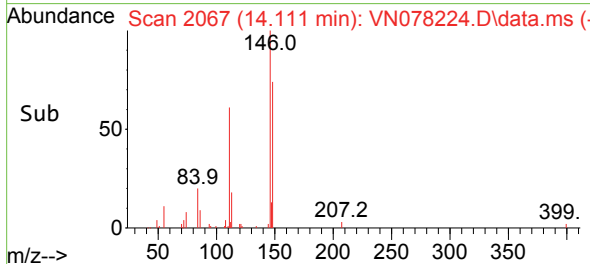
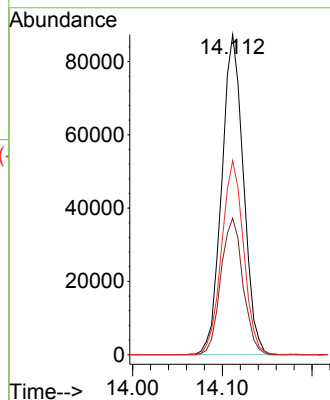
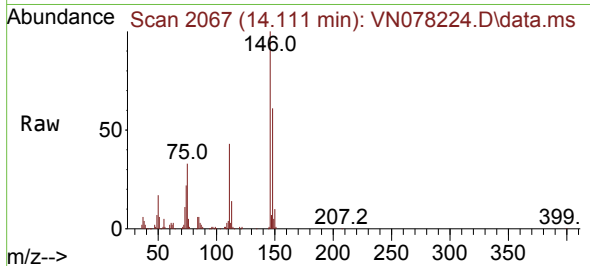




#91
1,2-Dichlorobenzene
Concen: 20.487 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

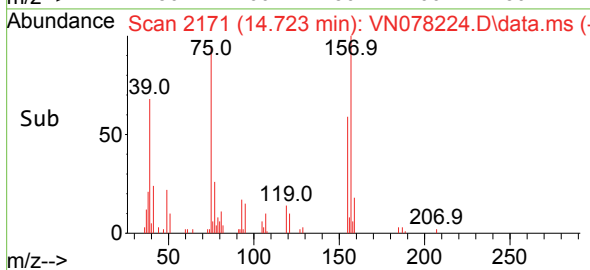
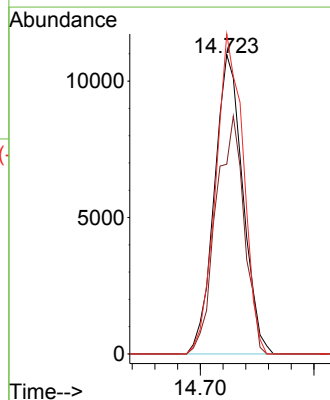
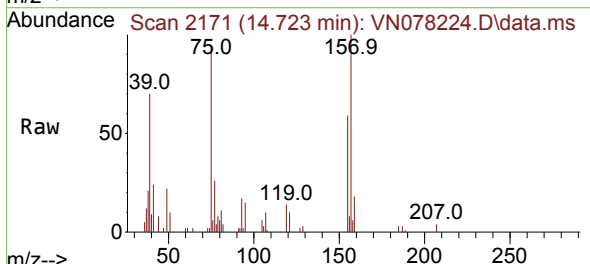
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

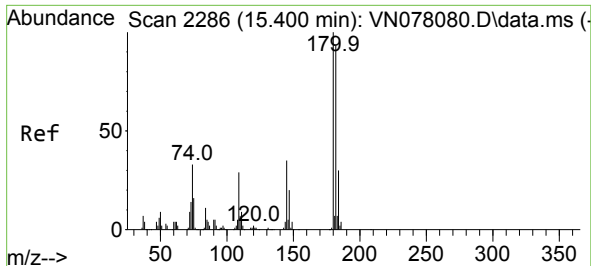
Tgt Ion:146 Resp: 146527
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 61.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.661 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion: 75 Resp: 19073
Ion Ratio Lower Upper
75 100
155 78.8 39.1 117.2
157 103.6 50.3 150.9

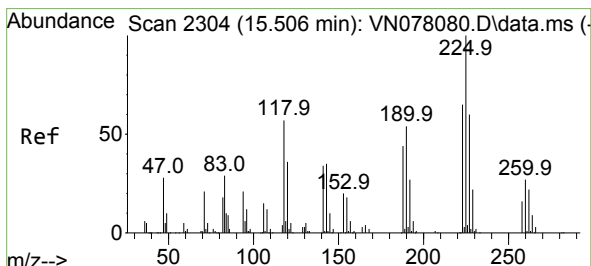
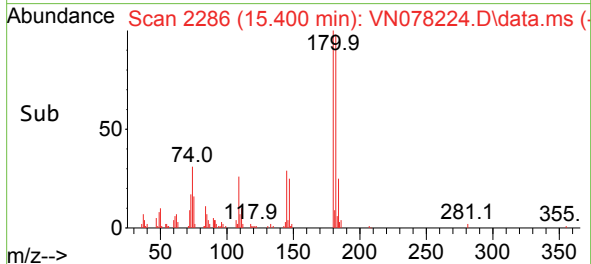
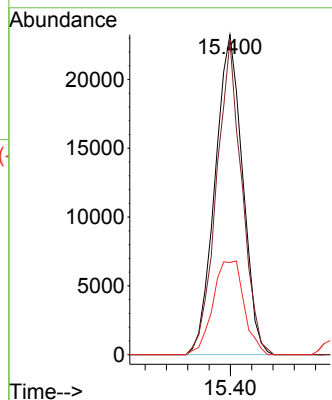
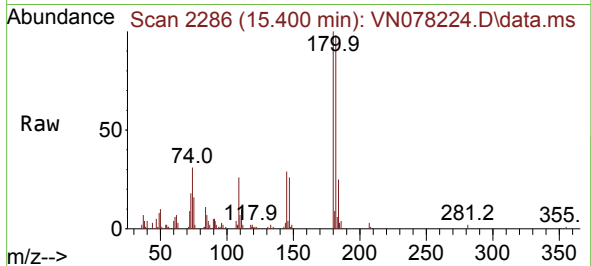




#93
1,2,4-Trichlorobenzene
Concen: 16.350 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

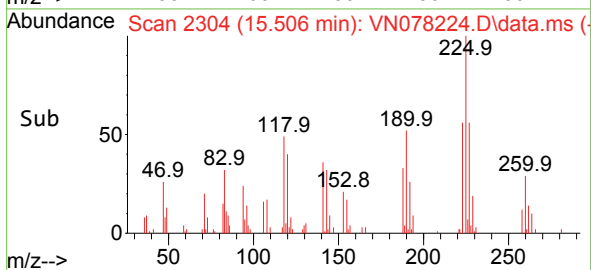
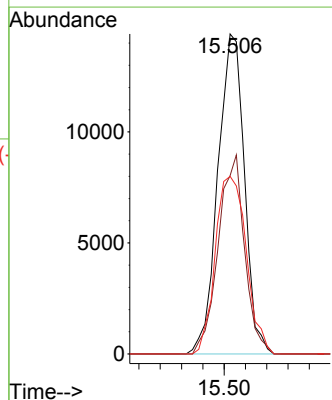
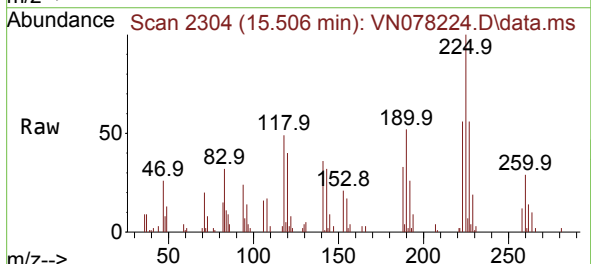
Instrument :
MSVOA_N
ClientSampleId :
VN0615MBS01

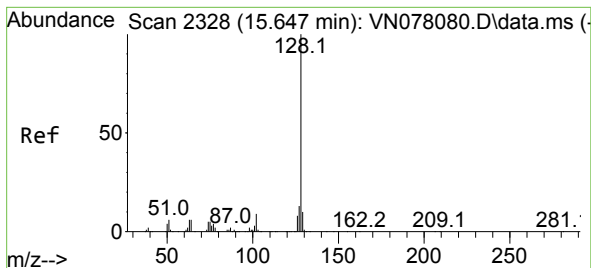
Tgt Ion:180 Resp: 41664
Ion Ratio Lower Upper
180 100
182 90.7 46.1 138.2
145 33.0 16.6 49.8



#94
Hexachlorobutadiene
Concen: 18.232 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078224.D
Acq: 15 Jun 2023 13:32

Tgt Ion:225 Resp: 24900
Ion Ratio Lower Upper
225 100
223 61.7 31.3 93.8
227 65.0 31.9 95.9





#95

Naphthalene

Concen: 14.637 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0615MBS01

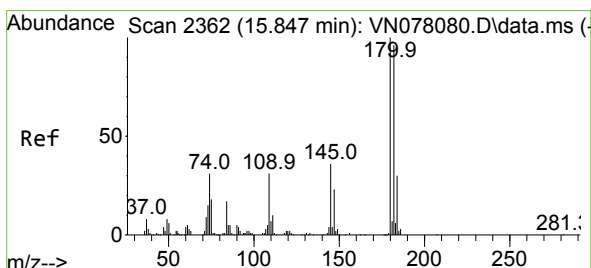
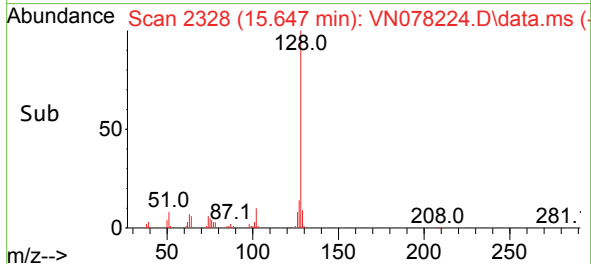
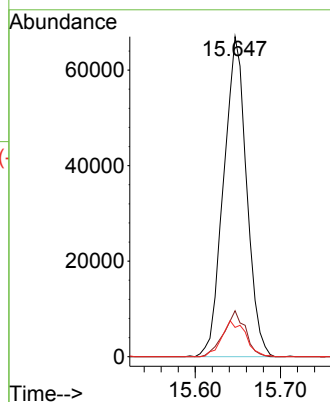
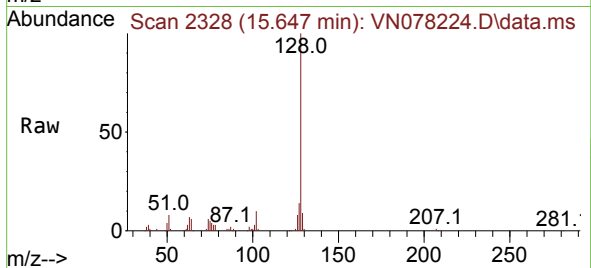
Tgt Ion:128 Resp: 125462

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.223 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078224.D

Acq: 15 Jun 2023 13:32

Tgt Ion:180 Resp: 46237

Ion Ratio Lower Upper

180 100

182 92.3 46.2 138.6

145 35.6 17.5 52.6

