

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078245.D
 Acq On : 15 Jun 2023 21:58
 Operator : JC\MD
 Sample : 03231-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

Quant Time: Jun 16 06:14:50 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	375246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	710555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	614435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	241149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265834	53.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.260%	
35) Dibromofluoromethane	8.177	113	226506	50.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	10.571	98	853998	49.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.853	95	267553	49.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	180314	42.509	ug/l	98
3) Chloromethane	2.371	50	200559	50.268	ug/l	98
4) Vinyl Chloride	2.518	62	266467	47.974	ug/l	96
5) Bromomethane	2.953	94	195375	46.544	ug/l	100
6) Chloroethane	3.124	64	189866	50.144	ug/l	99
7) Trichlorofluoromethane	3.506	101	348676	46.292	ug/l	100
8) Diethyl Ether	3.971	74	124144	46.908	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	184223	46.344	ug/l	98
10) Methyl Iodide	4.600	142	272346	48.446	ug/l	98
11) Tert butyl alcohol	5.542	59	160406	232.191	ug/l	99
12) 1,1-Dichloroethene	4.353	96	186581	45.533	ug/l	93
13) Acrolein	4.189	56	205709	270.176	ug/l	96
14) Allyl chloride	5.030	41	240019	47.984	ug/l	93
15) Acrylonitrile	5.730	53	478337	268.566	ug/l	99
16) Acetone	4.442	43	372792	258.866	ug/l	94
17) Carbon Disulfide	4.724	76	456844	43.314	ug/l	99
18) Methyl Acetate	5.036	43	312841	47.184	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	657602	50.298	ug/l	96
20) Methylene Chloride	5.289	84	227071	47.715	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	204739	46.325	ug/l	89
22) Diisopropyl ether	6.683	45	620161	52.708	ug/l	95
23) Vinyl Acetate	6.612	43	1684117	240.787	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	396794	51.122	ug/l	98
25) 2-Butanone	7.494	43	588467	265.726	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	254484	44.404	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	248782	47.191	ug/l	95
28) Bromochloromethane	7.818	49	196197	55.054	ug/l	91
29) Tetrahydrofuran	7.847	42	388856	262.661	ug/l	85
30) Chloroform	7.971	83	433448	51.860	ug/l	93
31) Cyclohexane	8.265	56	301465	46.972	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	379678	51.743	ug/l	95
36) 1,1-Dichloropropene	8.383	75	303108	47.035	ug/l	96
37) Ethyl Acetate	7.571	43	239779	47.629	ug/l #	93
38) Carbon Tetrachloride	8.371	117	327844	48.180	ug/l	98
39) Methylcyclohexane	9.606	83	278034	41.632	ug/l	90
40) Benzene	8.612	78	931467	48.416	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	129948	47.622	ug/l	92
42) 1,2-Dichloroethane	8.677	62	325120	49.287	ug/l	97
43) Isopropyl Acetate	8.694	43	429662	44.627	ug/l	94
44) Trichloroethene	9.359	130	686220	135.061	ug/l	100
45) 1,2-Dichloropropane	9.629	63	246796	51.559	ug/l	99
46) Dibromomethane	9.718	93	170608	48.390	ug/l	97
47) Bromodichloromethane	9.894	83	341860	52.199	ug/l	98
48) Methyl methacrylate	9.688	41	209335	51.811	ug/l	89
49) 1,4-Dioxane	9.700	88	82657	973.349	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1330780	262.485	ug/l	92
52) Toluene	10.635	92	587569	48.372	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	337535	49.488	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	359994	47.747	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	235908	51.339	ug/l	92
56) Ethyl methacrylate	10.882	69	342075	51.126	ug/l	91
57) 1,3-Dichloropropane	11.171	76	396867	51.167	ug/l	100
59) 2-Hexanone	11.200	43	937395	265.540	ug/l	92
60) Dibromochloromethane	11.365	129	256999	51.112	ug/l	99
61) 1,2-Dibromoethane	11.476	107	237716	49.296	ug/l	99
64) Tetrachloroethene	11.112	164	183537	44.775	ug/l	94
65) Chlorobenzene	11.900	112	624126	47.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	238687	49.319	ug/l	98
67) Ethyl Benzene	11.970	91	1122240	49.428	ug/l	96
68) m/p-Xylenes	12.076	106	842102	97.321	ug/l	99
69) o-Xylene	12.406	106	419117	49.324	ug/l	98
70) Styrene	12.418	104	664680	49.687	ug/l	97
71) Bromoform	12.582	173	158917	50.882	ug/l #	99
73) Isopropylbenzene	12.700	105	1016857	44.592	ug/l	99
74) N-amyl acetate	12.500	43	329633	43.896	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	337890	54.072	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	391078	68.600	ug/l	71
77) Bromobenzene	12.988	156	233005	44.016	ug/l	99
78) n-propylbenzene	13.041	91	1136538	45.873	ug/l	99
79) 2-Chlorotoluene	13.129	91	719231	44.972	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	823653	44.612	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	89290	48.120	ug/l	93
82) 4-Chlorotoluene	13.229	91	688954	46.158	ug/l	99
83) tert-Butylbenzene	13.441	119	695485	43.336	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	822859	45.971	ug/l	99
85) sec-Butylbenzene	13.623	105	877195	41.760	ug/l	99
86) p-Isopropyltoluene	13.735	119	741325	43.490	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	388501	43.387	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	381350	44.136	ug/l	100
89) n-Butylbenzene	14.059	91	548637	40.806	ug/l	98
90) Hexachloroethane	14.341	117	134298	44.395	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	398285	45.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53541	47.401	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	128755	41.294	ug/l	97
94) Hexachlorobutadiene	15.506	225	67175	43.610	ug/l	97
95) Naphthalene	15.647	128	423344	40.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	144900	41.552	ug/l	99

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QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Abundance

TIC: VN078245.D\data.ms

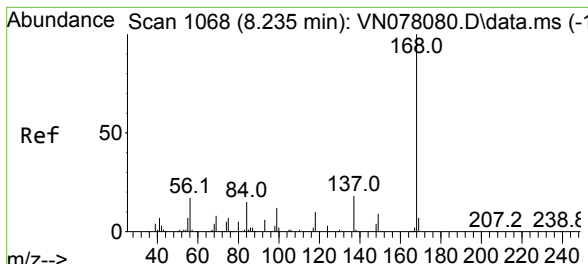
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Chemical compounds identified (from left to right):

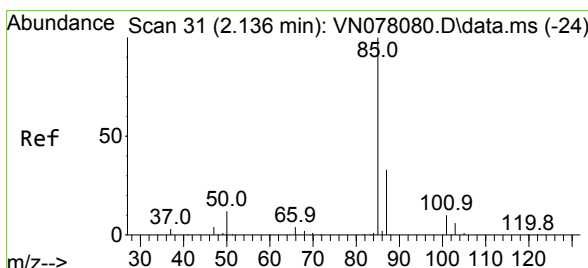
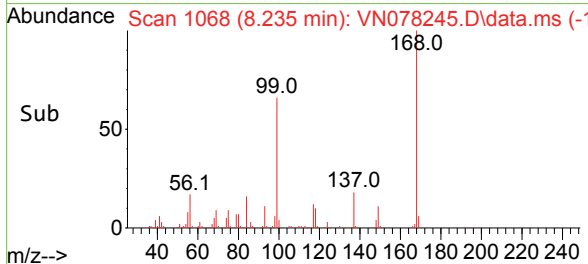
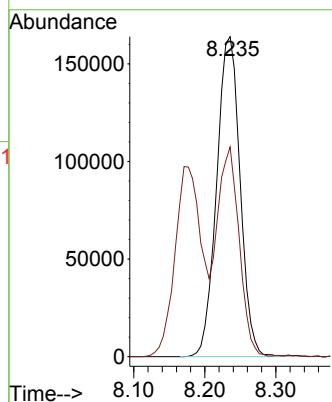
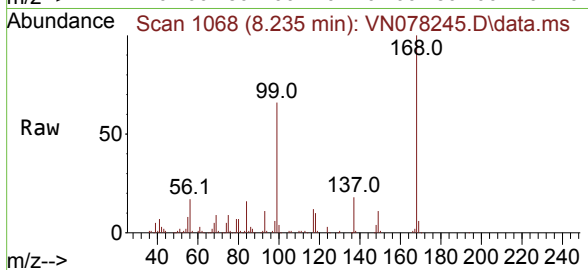
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- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Acetone, 1,2-Trichloroethane, C, T
- Methyl Iodide, T
- Carbon Disulfide, T
- Methyl Acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- 1,1-Dichloroethane, P
- Disopropyl ether, T
- Vinyl Acetate, T
- Ethyl Acetate, T
- 2,2-Dichloropropane, T
- Methacrylonitrile, T
- Chloroform, C
- Cyclohexanone, T
- 1,1-Dichloroethane, T
- 1,2-Dichloroethane, T
- 1,3-Dichloropropane, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- Bromochloromethane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- Ioluene-d8, S
- 2-Hexanone, T
- 1,2-Dibromoethane, I
- 1,2-Dichloroethane, T
- 1,3-Dichloropropane, T
- 1,4-Dichlorobenzene, T
- 1-Ethyl-2-methylbenzene, T
- o-Xylene, T
- Styrene, T
- Isopropylbenzene, T
- 1,2,4-Trichlorobenzene, T
- 1,3,5-Trimethylbenzene, T
- 4-Chlorotoluene, T
- tert-Butylbenzene, T
- sec-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- n-Butylbenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: VN078245.D
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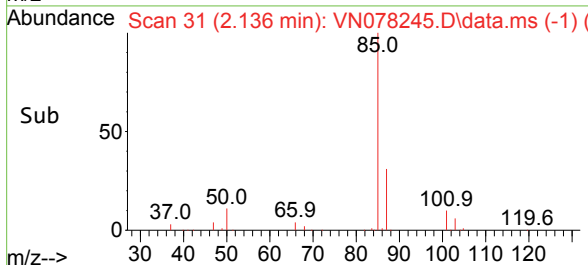
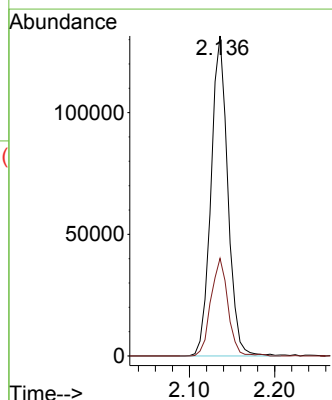
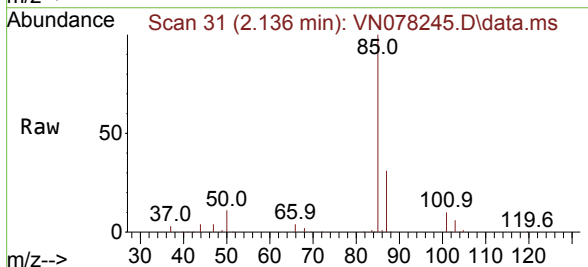
Instrument : MSVOA_N
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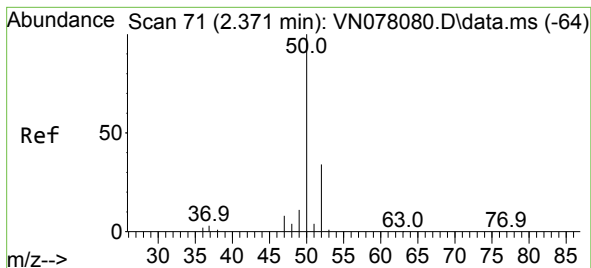
Tgt Ion:168 Resp: 375246
 Ion Ratio Lower Upper
 168 100
 99 65.2 53.0 79.6



#2
 Dichlorodifluoromethane
 Concen: 42.509 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 85 Resp: 180314
 Ion Ratio Lower Upper
 85 100
 87 30.5 15.8 47.4





#3

Chloromethane

Concen: 50.268 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

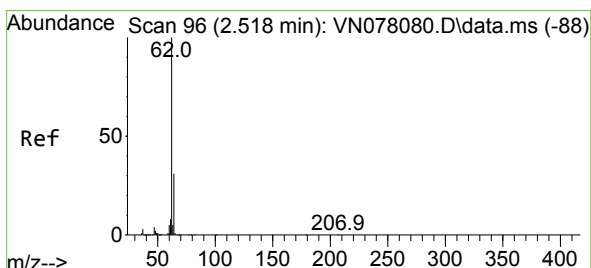
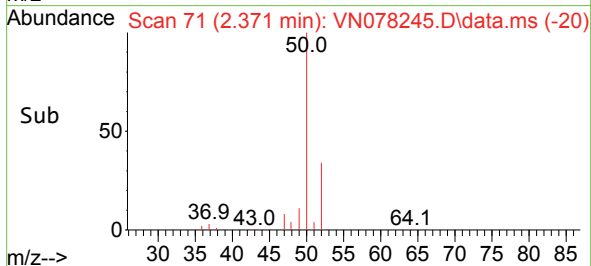
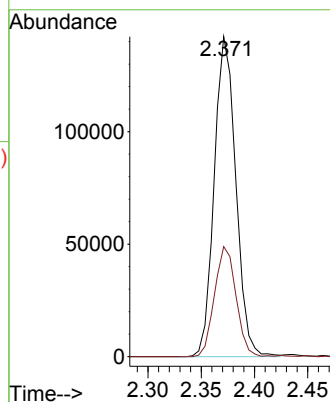
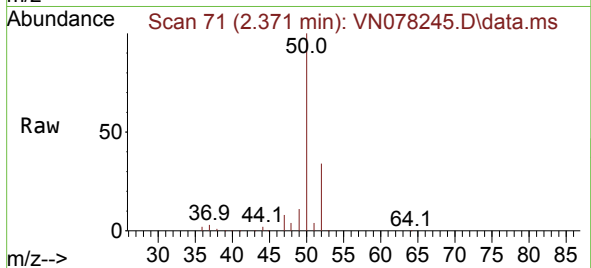
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion: 50 Resp: 200559

Ion Ratio Lower Upper

50 100

52 34.4 26.5 39.7



#4

Vinyl Chloride

Concen: 47.974 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078245.D

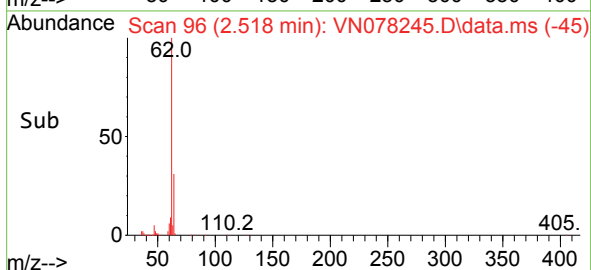
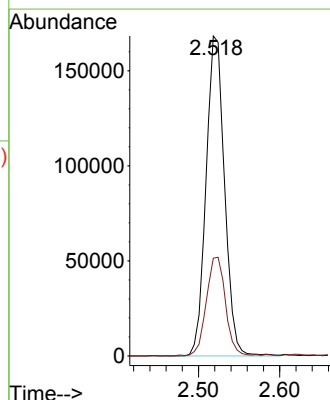
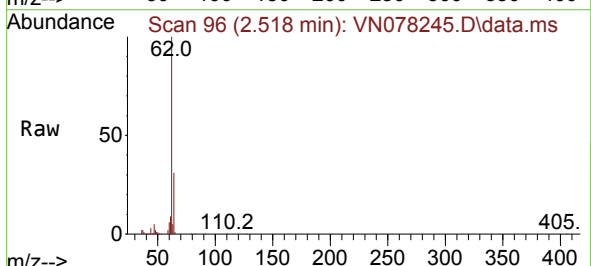
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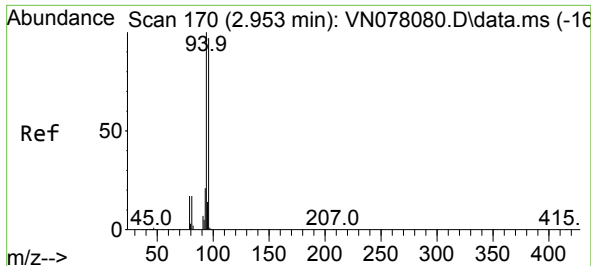
Tgt Ion: 62 Resp: 266467

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2

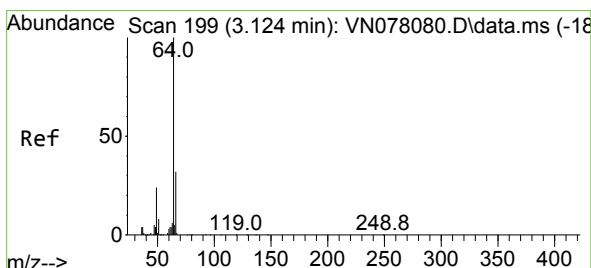
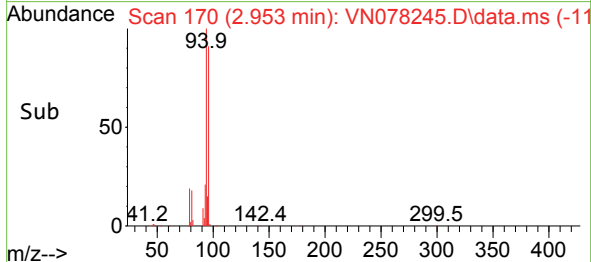
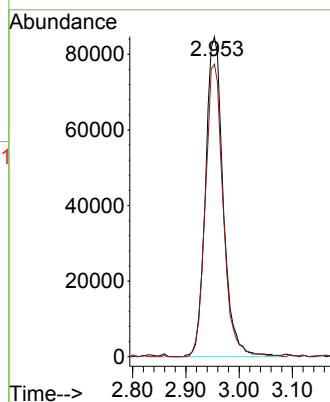
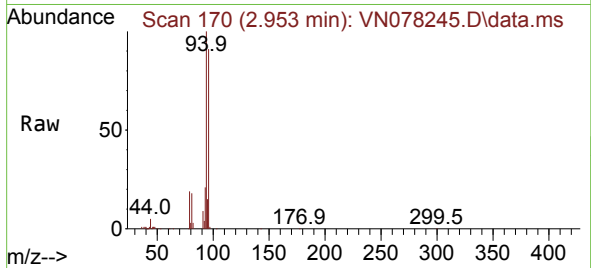




#5
Bromomethane
Concen: 46.544 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

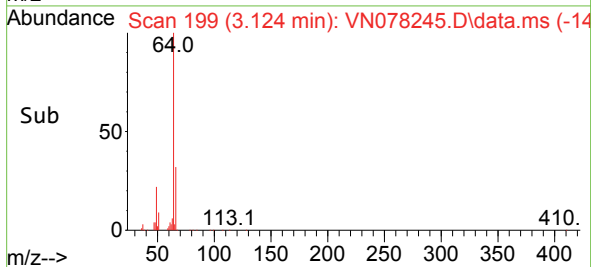
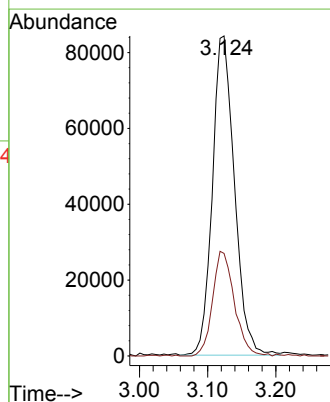
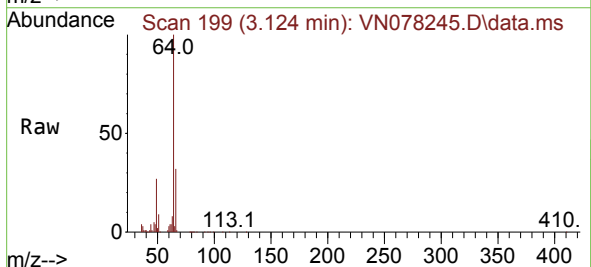
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MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

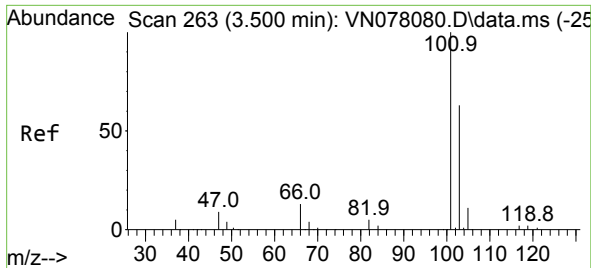
Tgt Ion: 94 Resp: 195375
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7



#6
Chloroethane
Concen: 50.144 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 64 Resp: 189866
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

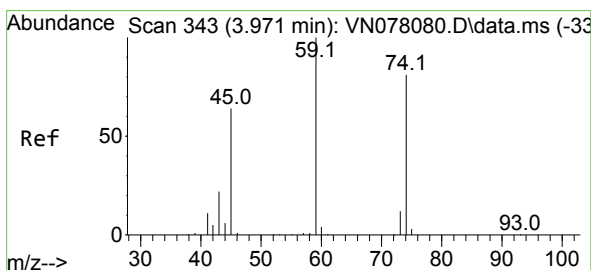
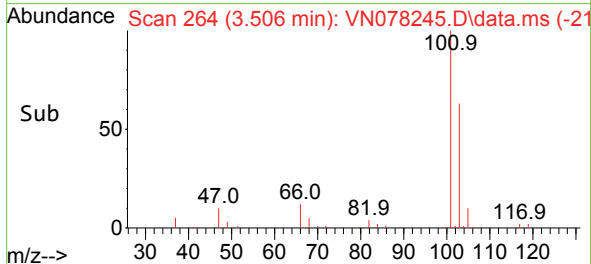
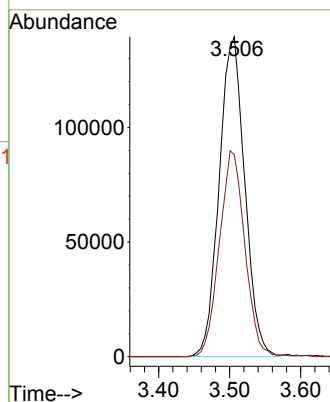
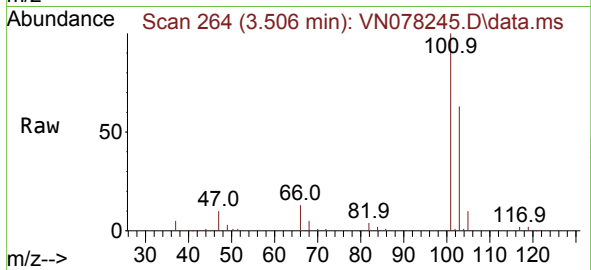




#7
Trichlorofluoromethane
Concen: 46.292 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

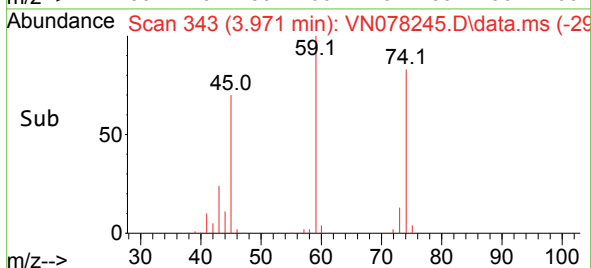
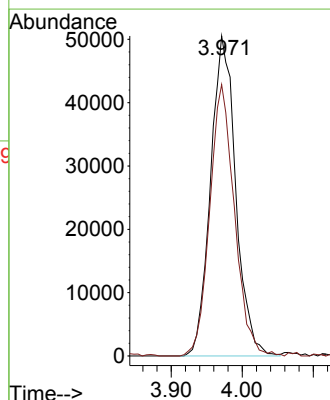
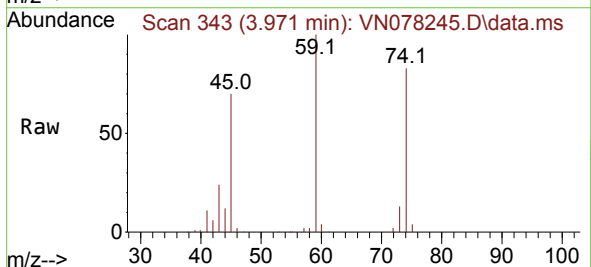
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

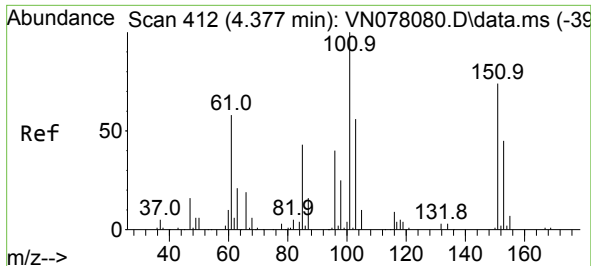
Tgt Ion:101 Resp: 348676
Ion Ratio Lower Upper
101 100
103 63.1 50.7 76.1



#8
Diethyl Ether
Concen: 46.908 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 74 Resp: 124144
Ion Ratio Lower Upper
74 100
45 83.4 34.4 103.3

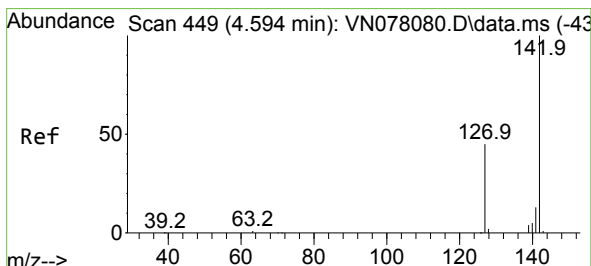
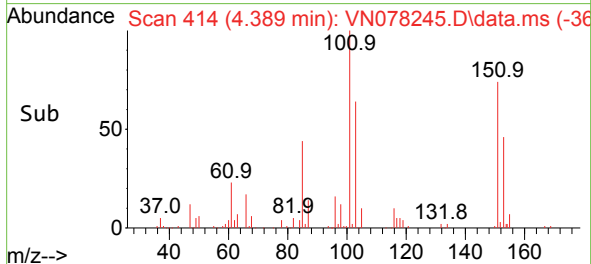
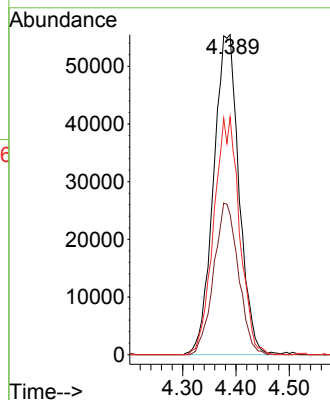
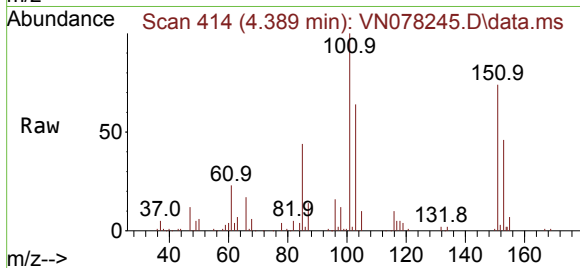




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.344 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

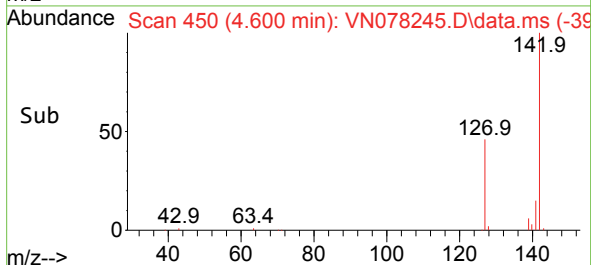
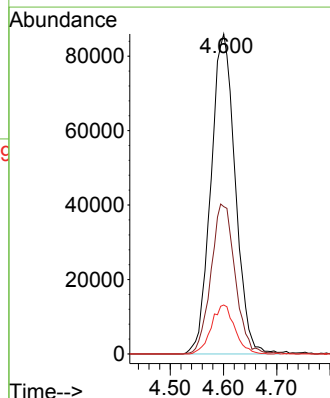
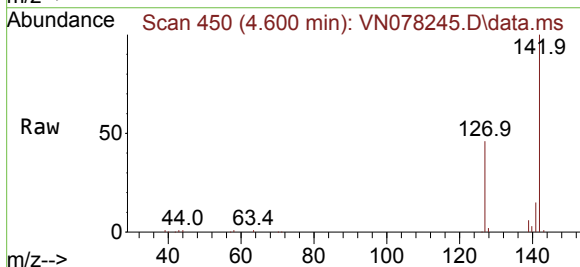
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

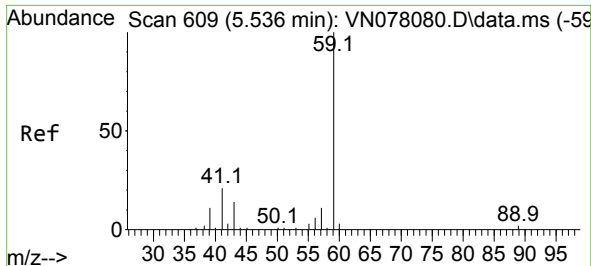
Tgt Ion:101 Resp: 184223
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 75.1 57.6 86.4



#10
Methyl Iodide
Concen: 48.446 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:142 Resp: 272346
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 15.3 11.4 17.0

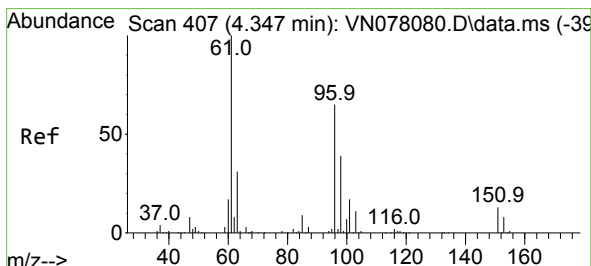
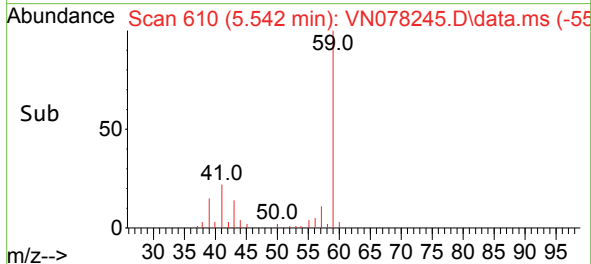
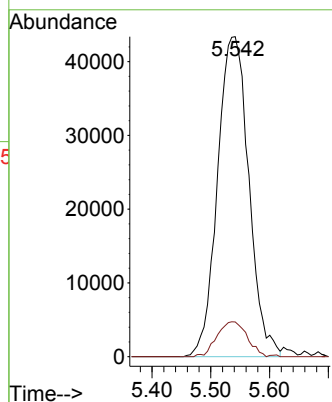
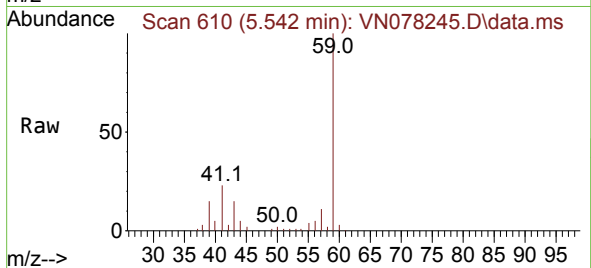




#11
Tert butyl alcohol
Concen: 232.191 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

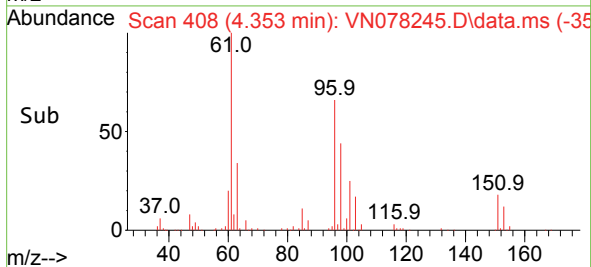
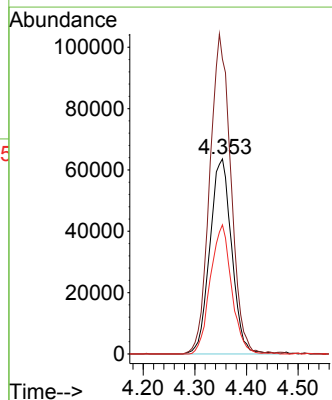
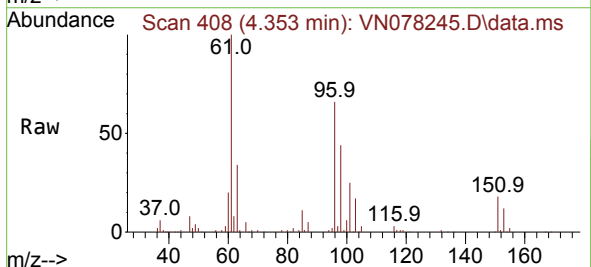
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

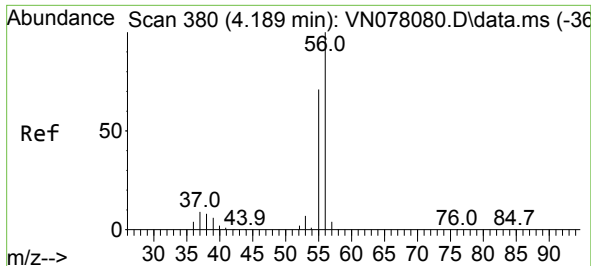
Tgt Ion: 59 Resp: 160406
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.533 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 96 Resp: 186581
Ion Ratio Lower Upper
96 100
61 151.1 112.7 169.1
98 66.2 51.2 76.8

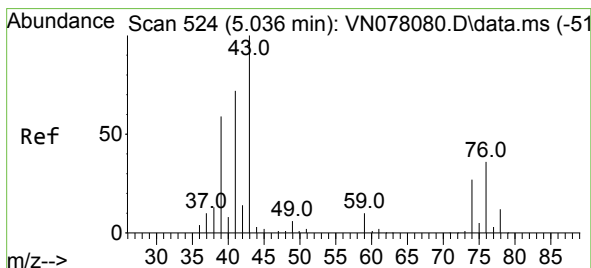
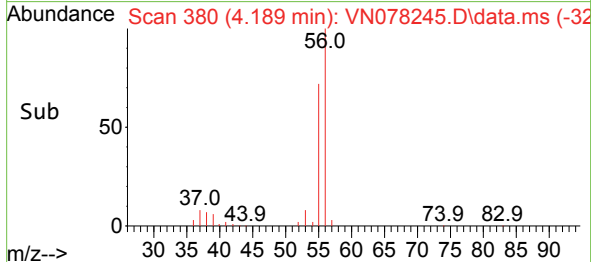
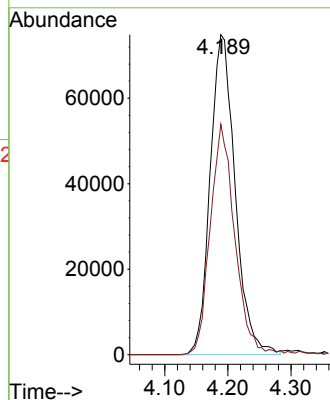
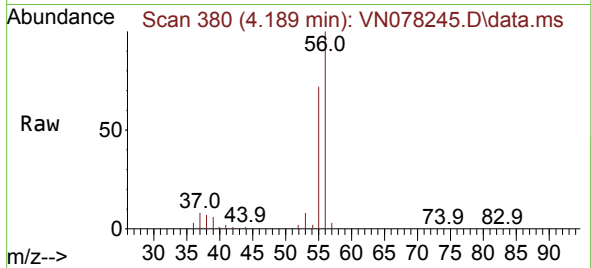




#13
Acrolein
Concen: 270.176 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

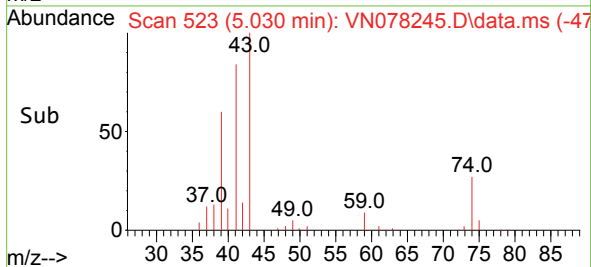
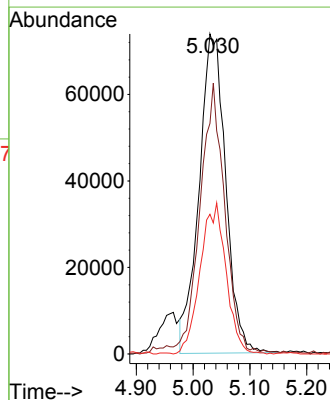
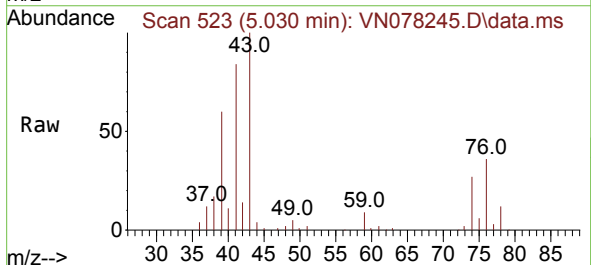
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

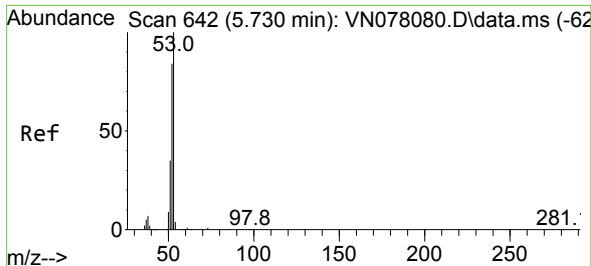
Tgt Ion: 56 Resp: 205709
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7



#14
Allyl chloride
Concen: 47.984 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 41 Resp: 240019
Ion Ratio Lower Upper
41 100
39 80.9 58.8 88.2
76 45.9 39.1 58.7

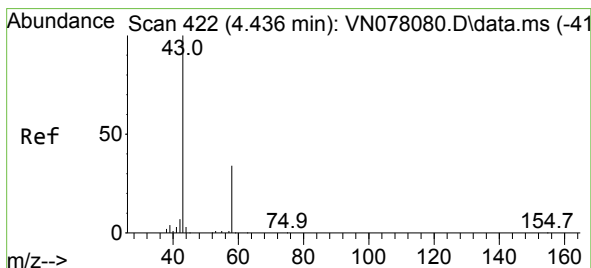
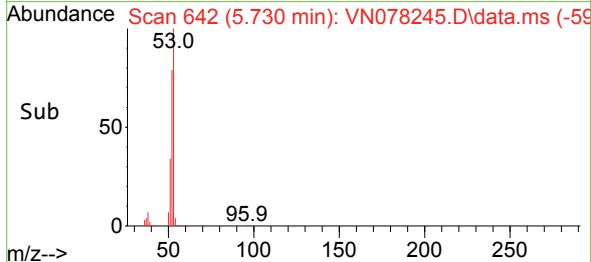
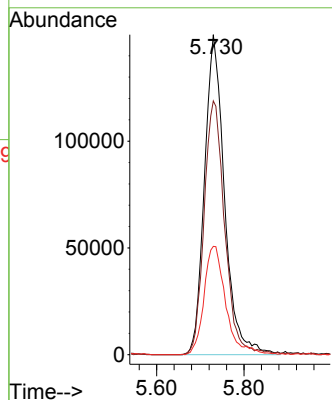
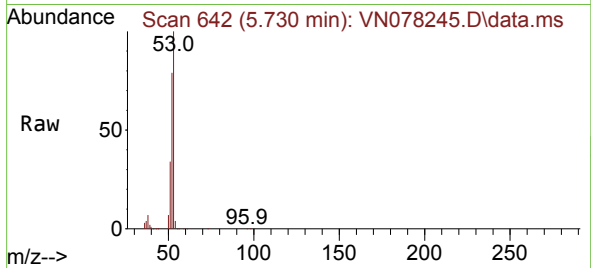




#15
Acrylonitrile
Concen: 268.566 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

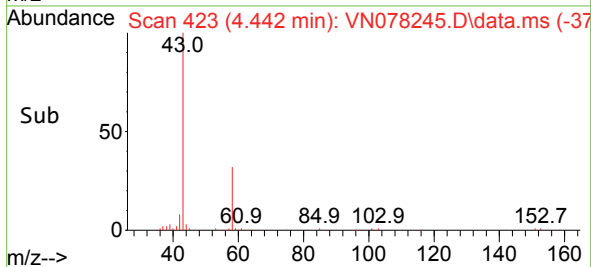
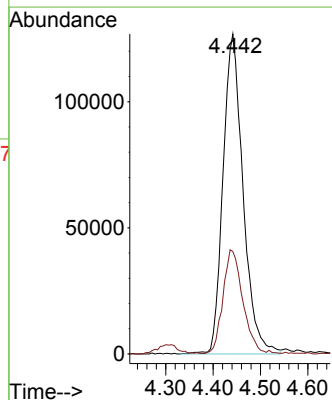
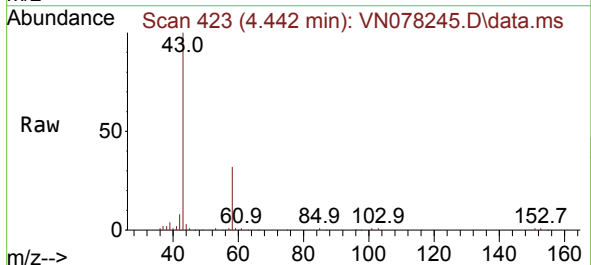
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

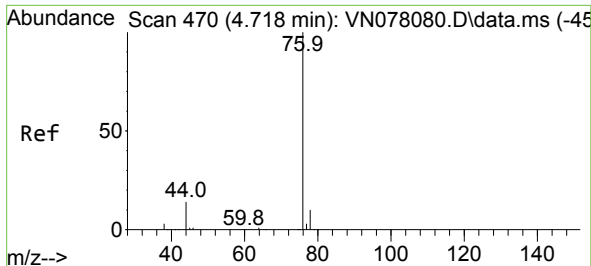
Tgt Ion: 53 Resp: 478337
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 258.866 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 43 Resp: 372792
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

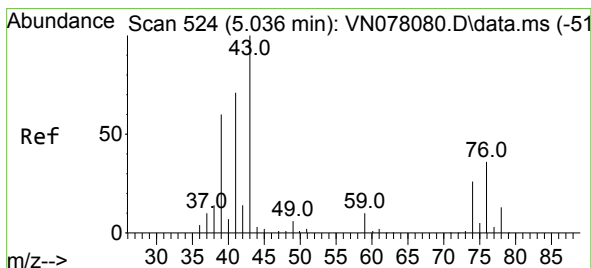
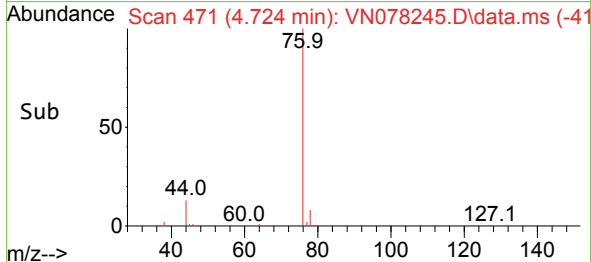
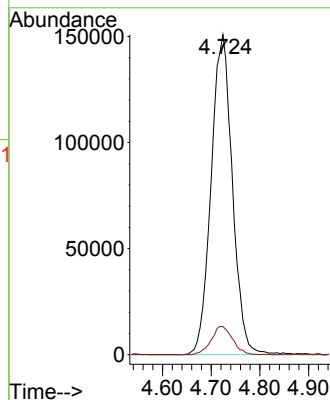
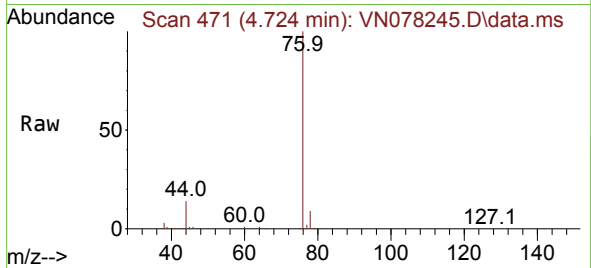




#17
Carbon Disulfide
Concen: 43.314 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

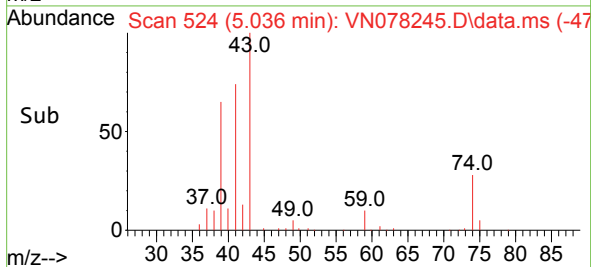
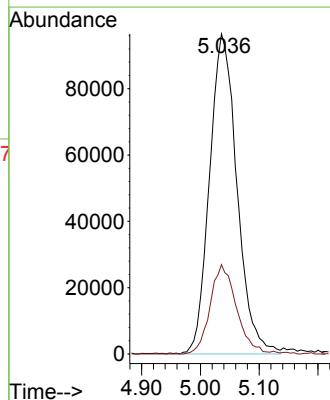
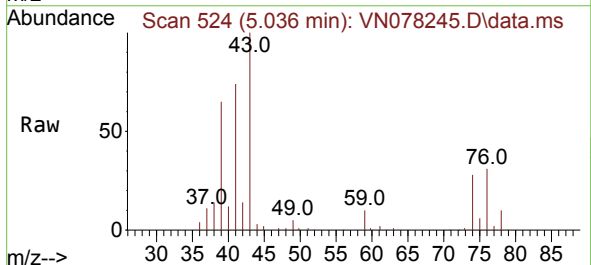
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

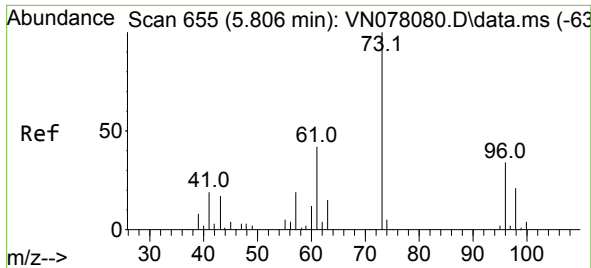
Tgt Ion: 76 Resp: 456844
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 47.184 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 43 Resp: 312841
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

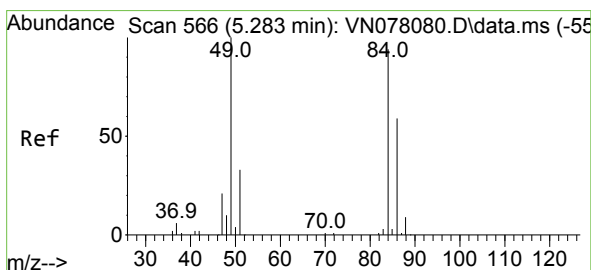
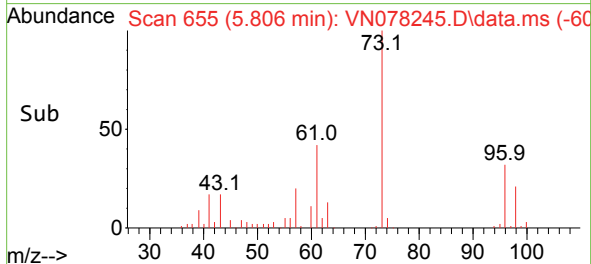
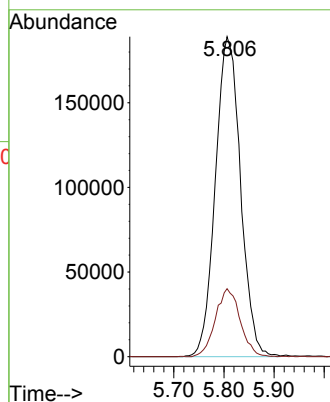
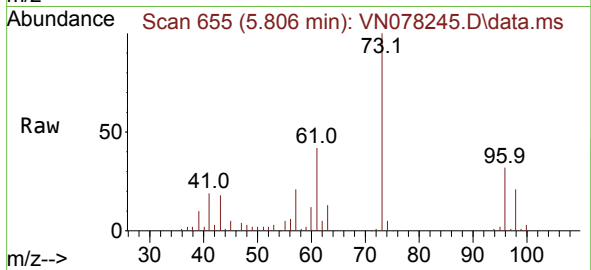




#19
Methyl tert-butyl Ether
Concen: 50.298 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

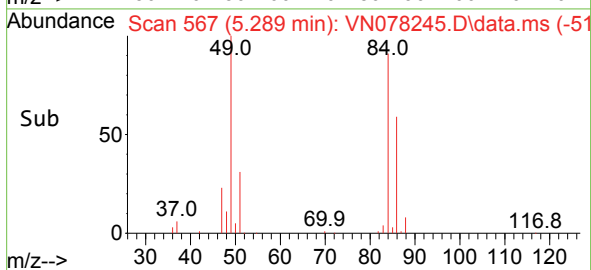
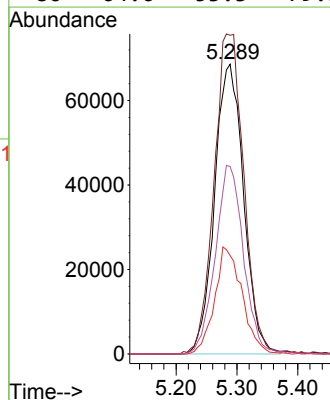
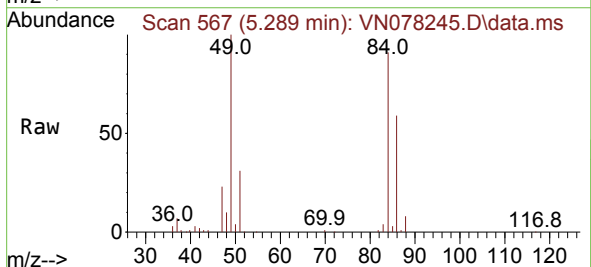
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

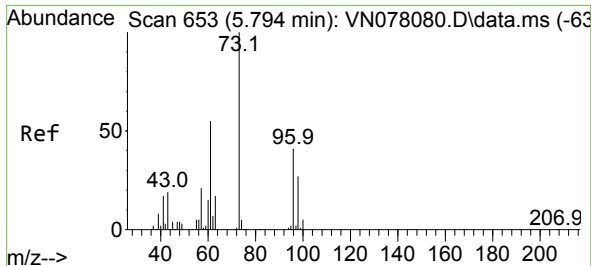
Tgt Ion: 73 Resp: 657602
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4



#20
Methylene Chloride
Concen: 47.715 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 84 Resp: 227071
Ion Ratio Lower Upper
84 100
49 110.0 79.7 119.5
51 34.0 25.2 37.8
86 64.6 53.3 79.9

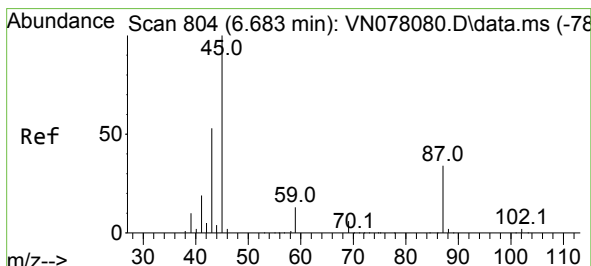
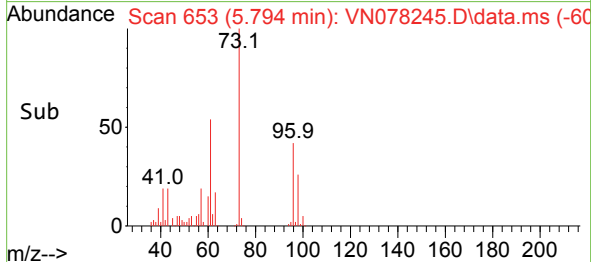
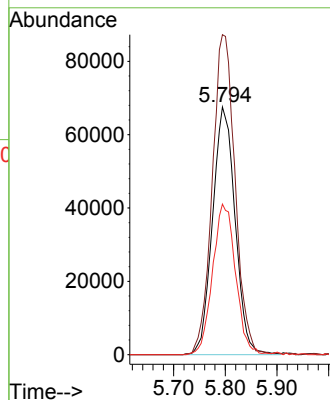
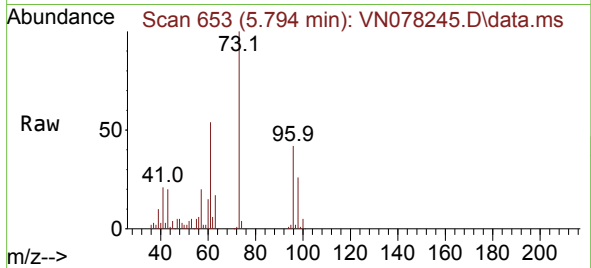




#21
trans-1,2-Dichloroethene
Concen: 46.325 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

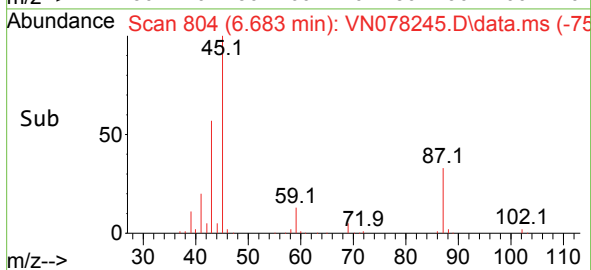
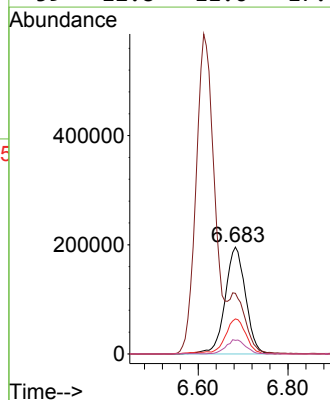
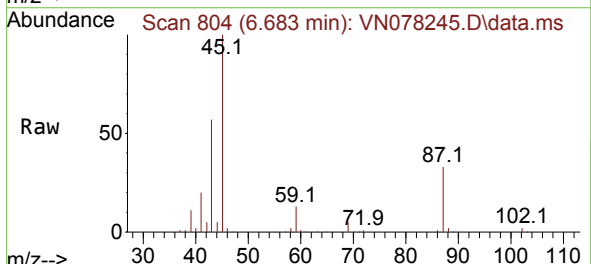
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

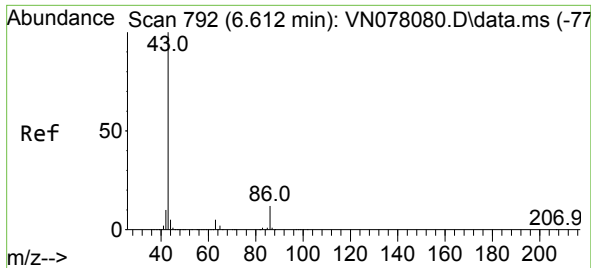
Tgt Ion: 96 Resp: 204739
Ion Ratio Lower Upper
96 100
61 129.2 90.1 135.1
98 60.8 46.4 69.6



#22
Diisopropyl ether
Concen: 52.708 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 45 Resp: 620161
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 32.7 31.8 47.8
59 12.8 11.6 17.4

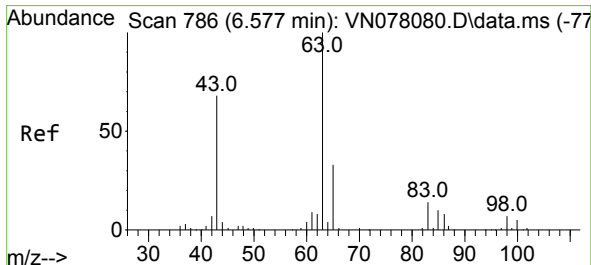
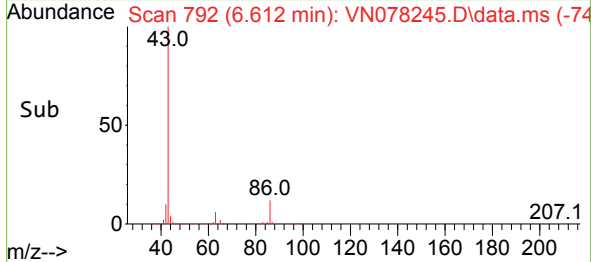
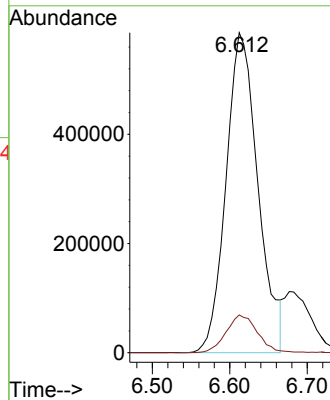
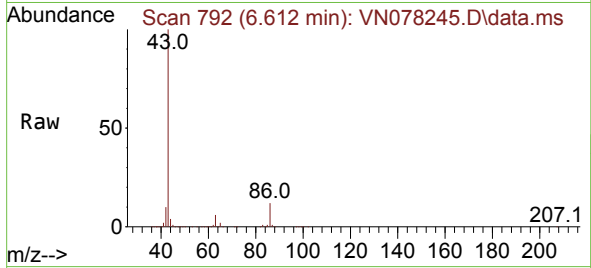




#23
 Vinyl Acetate
 Concen: 240.787 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

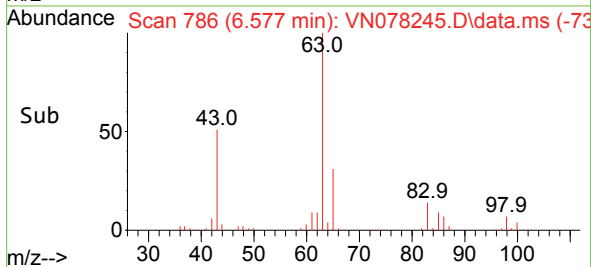
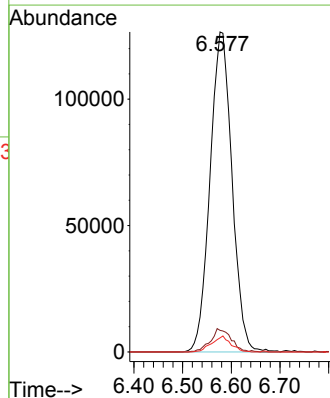
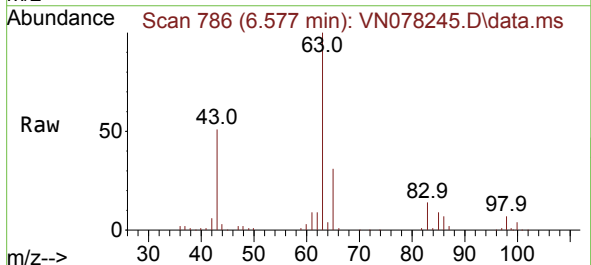
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

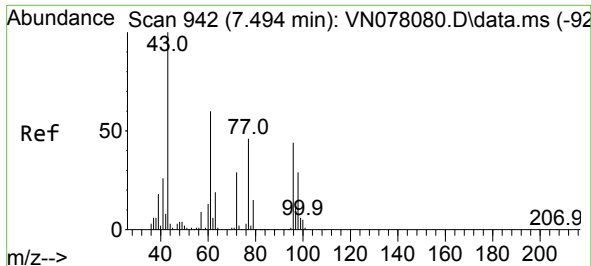
Tgt Ion: 43 Resp: 1684117
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.122 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 63 Resp: 396794
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.4 2.5 7.4

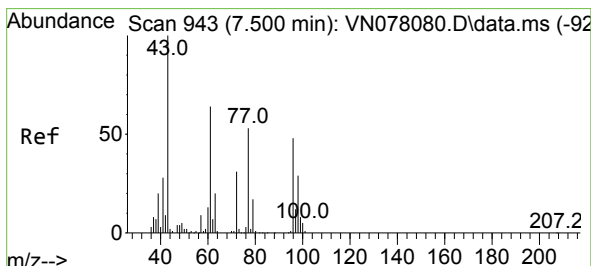
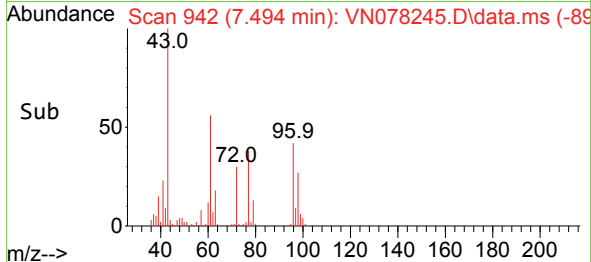
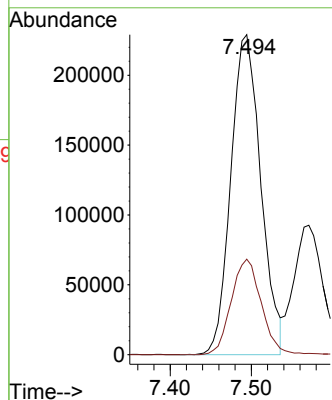
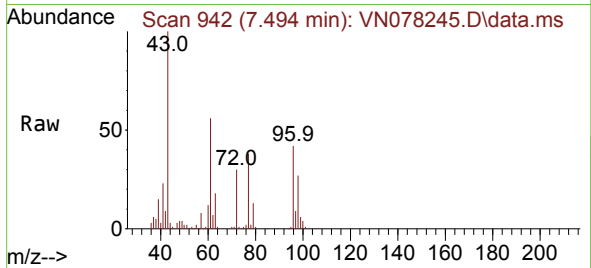




#25
2-Butanone
Concen: 265.726 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

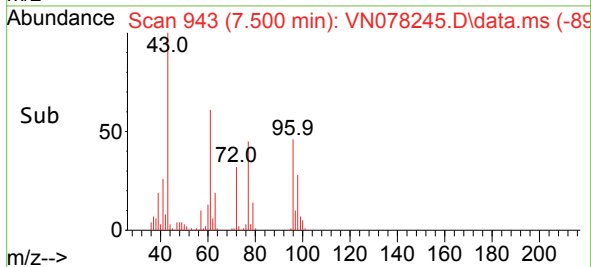
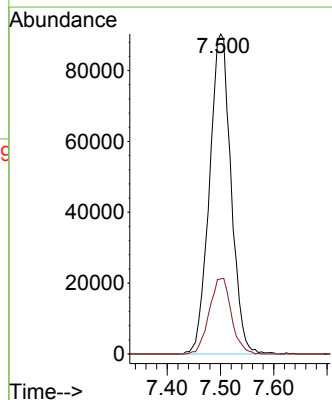
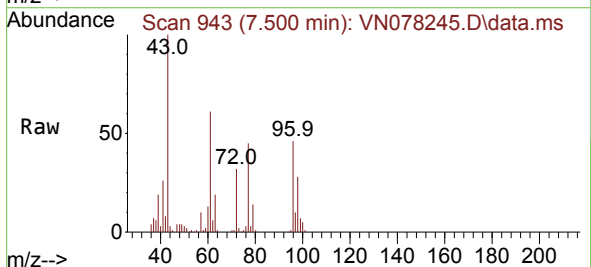
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

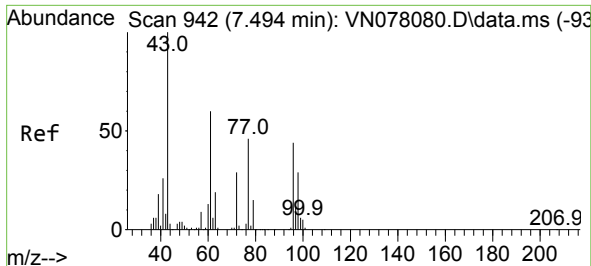
Tgt Ion: 43 Resp: 588467
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 44.404 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 77 Resp: 254484
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6

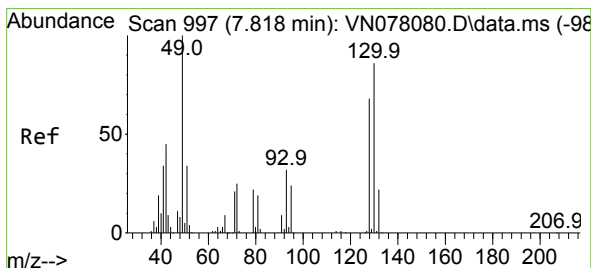
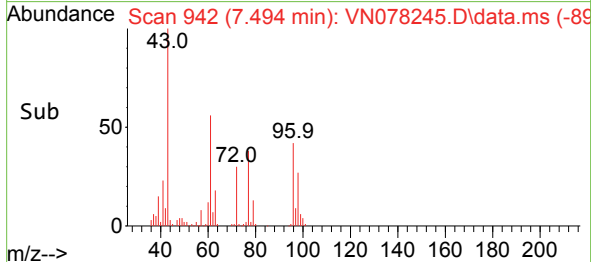
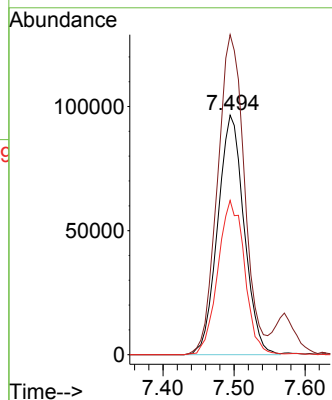
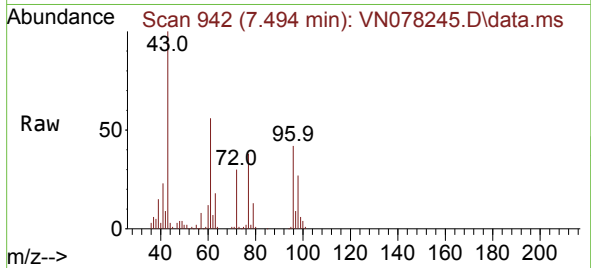




#27
 cis-1,2-Dichloroethene
 Concen: 47.191 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

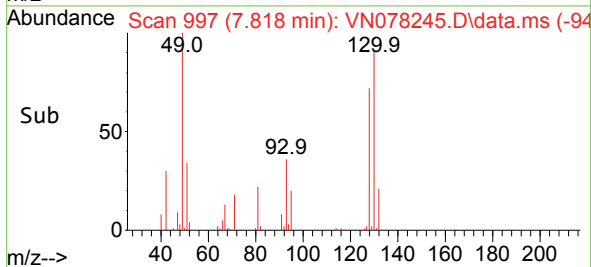
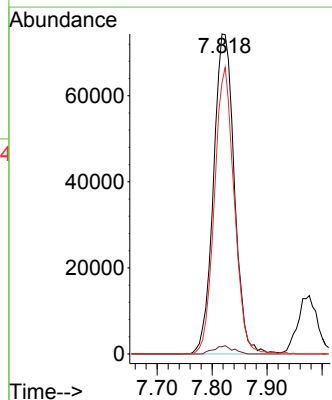
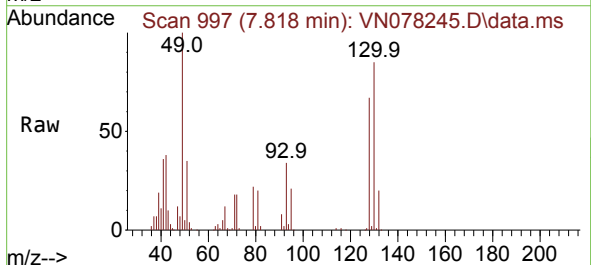
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

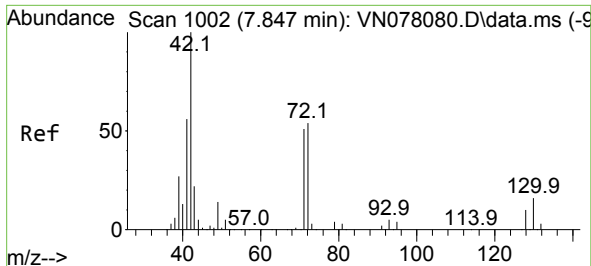
Tgt Ion: 96 Resp: 248782
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 255.2
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 55.054 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 49 Resp: 196197
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 262.661 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

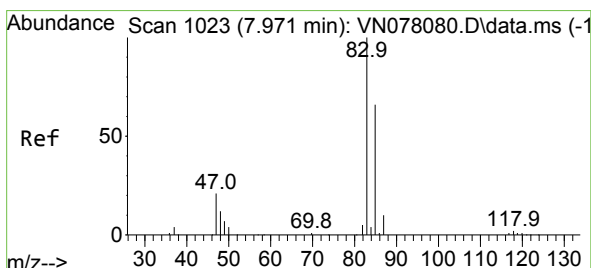
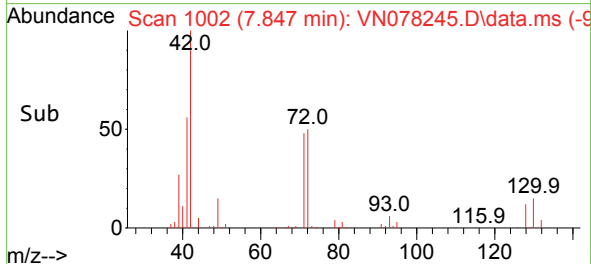
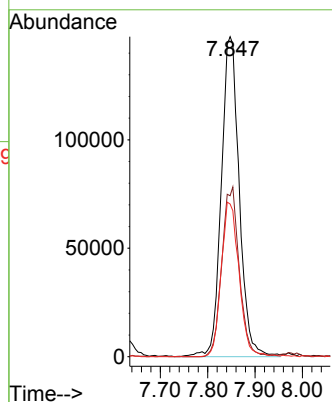
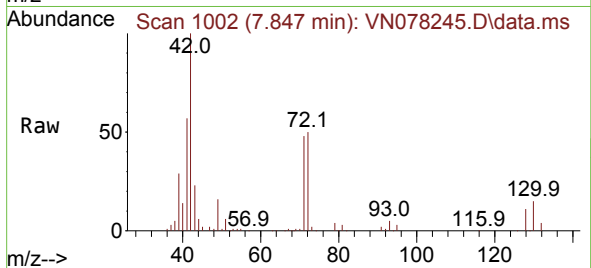
Tgt Ion: 42 Resp: 388856

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

71 47.7 47.4 71.2



#30

Chloroform

Concen: 51.860 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078245.D

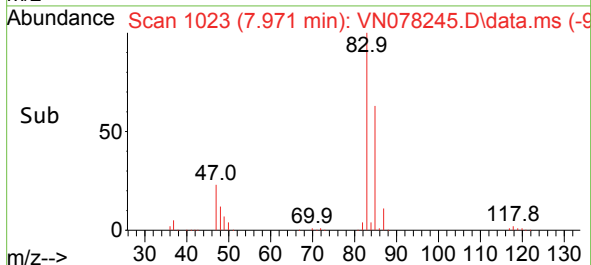
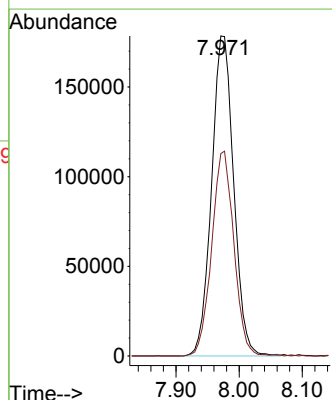
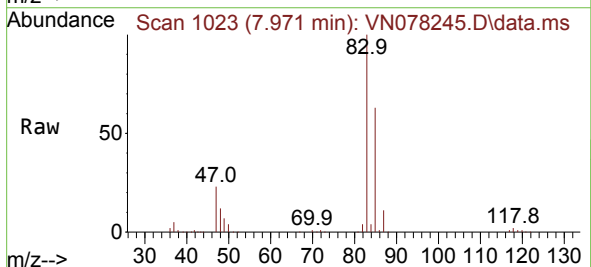
Acq: 15 Jun 2023 21:58

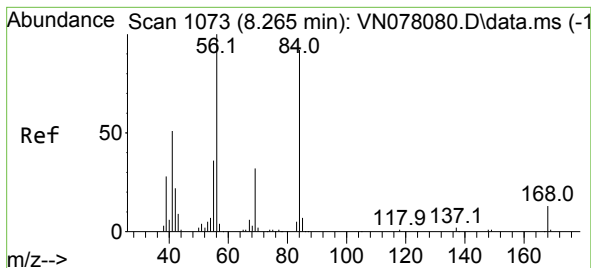
Tgt Ion: 83 Resp: 433448

Ion Ratio Lower Upper

83 100

85 63.2 55.4 83.0





#31

Cyclohexane

Concen: 46.972 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078245.D

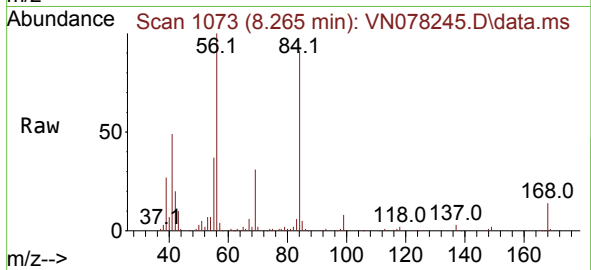
Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD



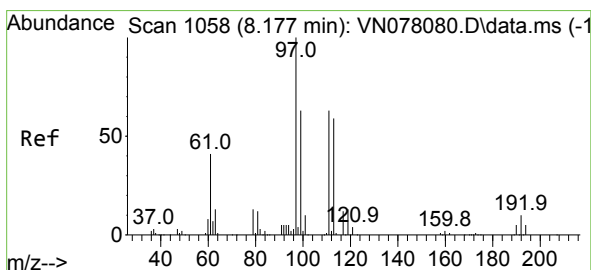
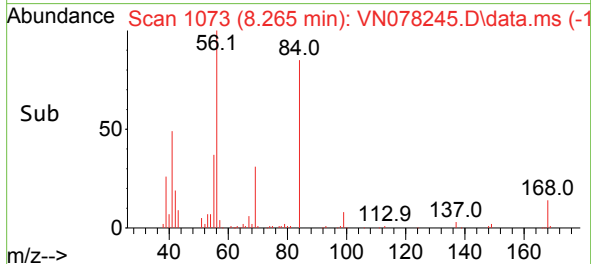
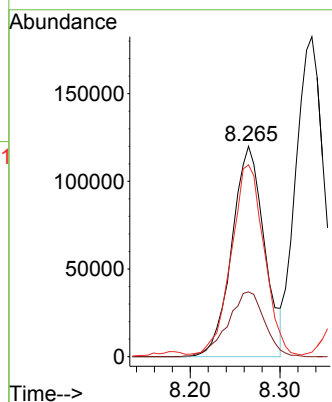
Tgt Ion: 56 Resp: 301465

Ion Ratio Lower Upper

56 100

69 30.8 26.8 40.2

84 89.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.743 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

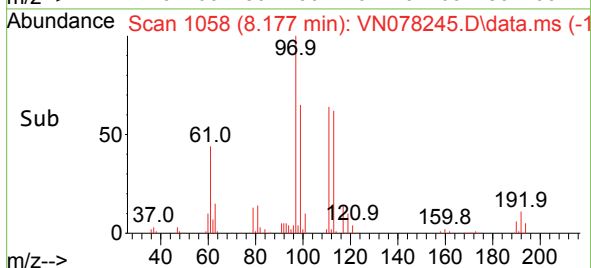
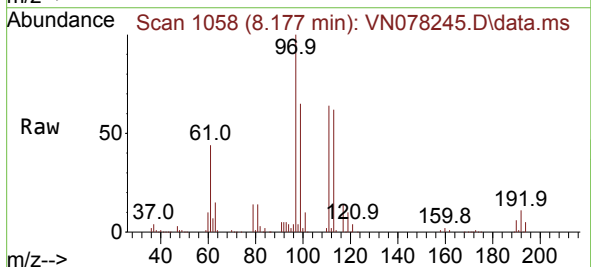
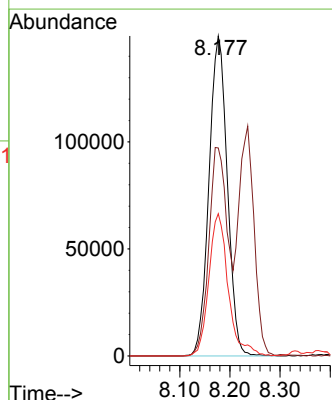
Tgt Ion: 97 Resp: 379678

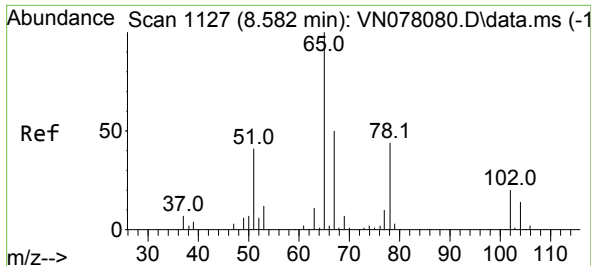
Ion Ratio Lower Upper

97 100

99 67.0 50.3 75.5

61 47.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.133 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

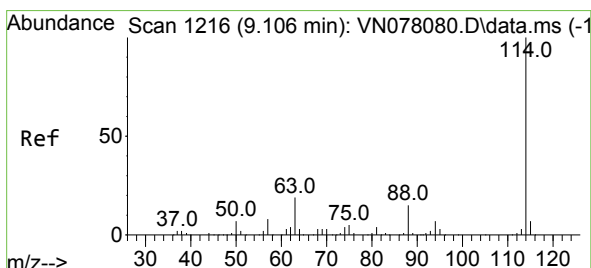
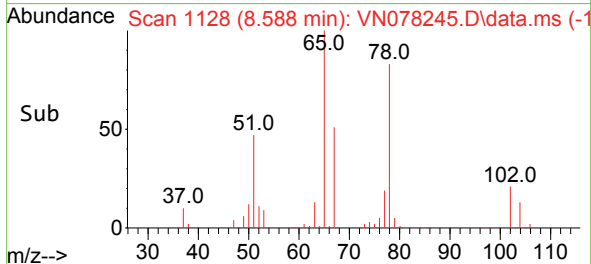
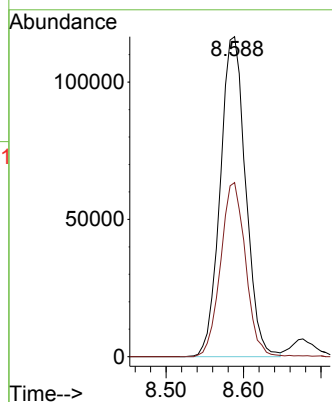
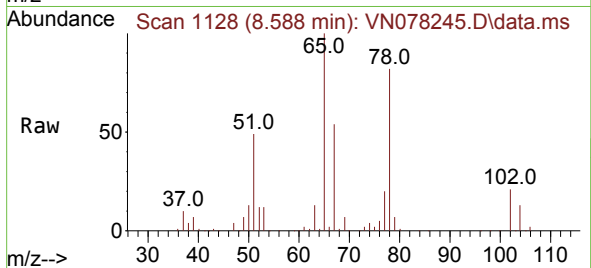
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion: 65 Resp: 265834

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

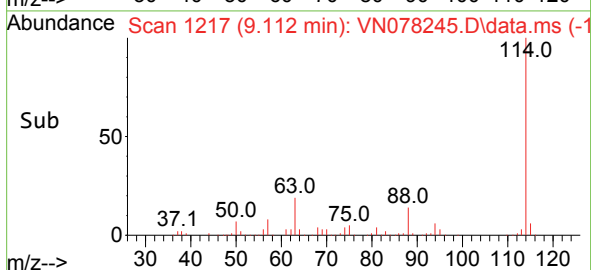
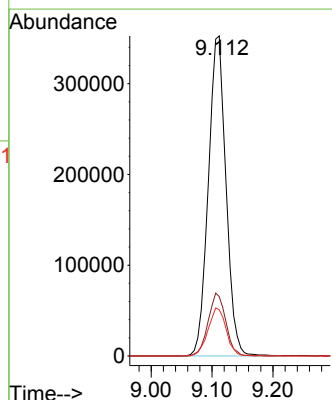
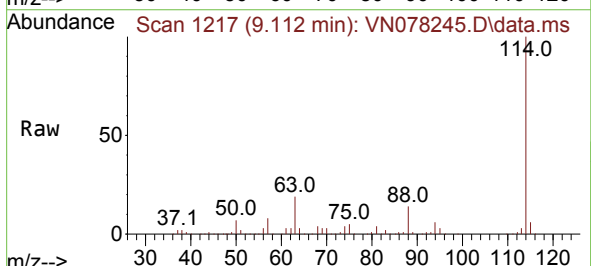
Tgt Ion: 114 Resp: 710555

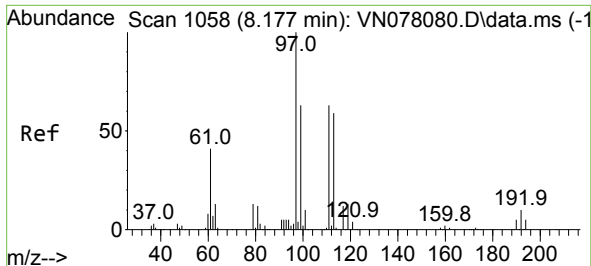
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.5 0.0 30.6

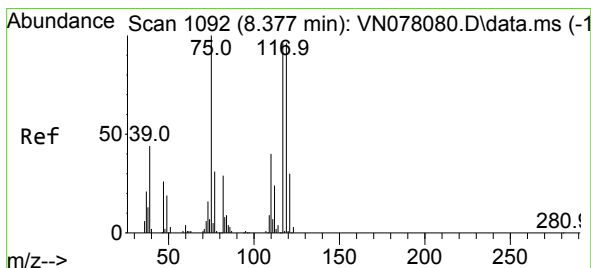
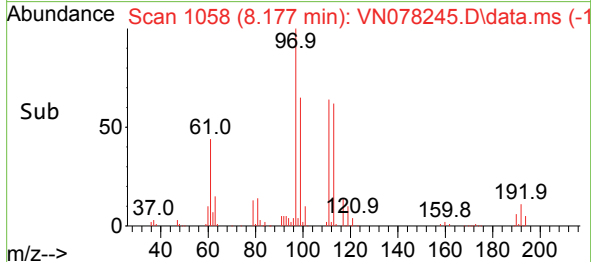
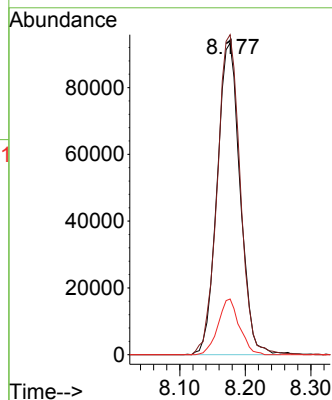
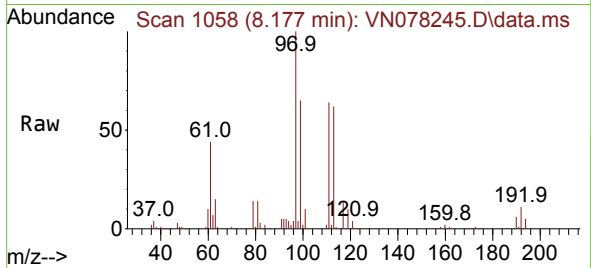




#35
 Dibromofluoromethane
 Concen: 50.416 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

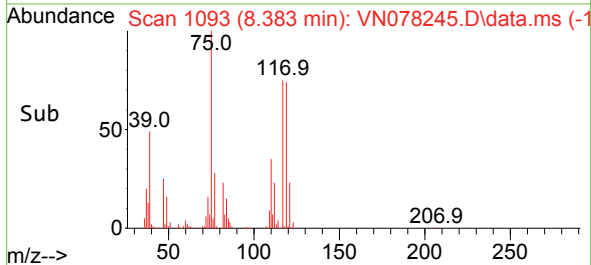
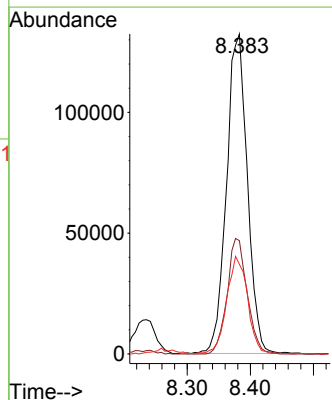
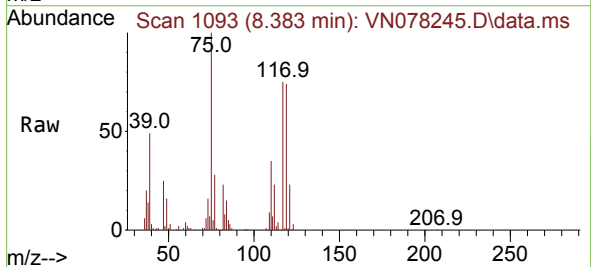
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

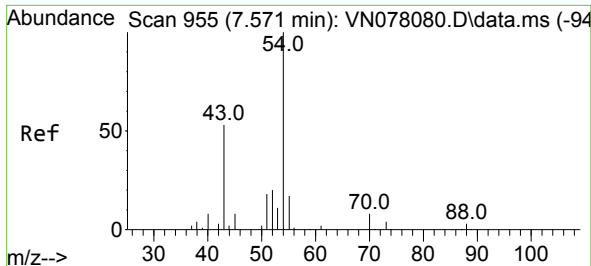
Tgt Ion:113 Resp: 226506
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 16.6 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 47.035 ug/l
 RT: 8.383 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 75 Resp: 303108
 Ion Ratio Lower Upper
 75 100
 110 34.8 19.1 57.3
 77 30.7 25.0 37.4

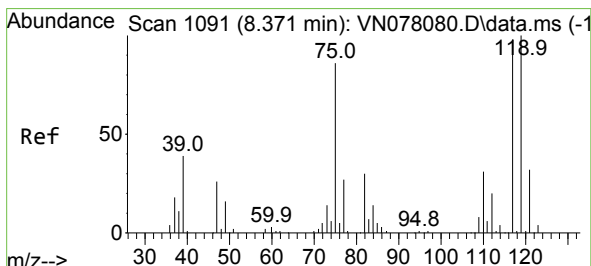
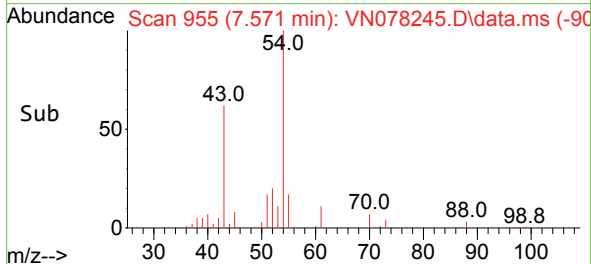
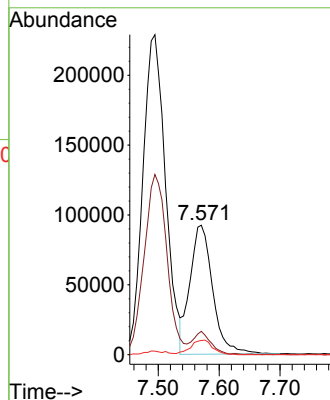
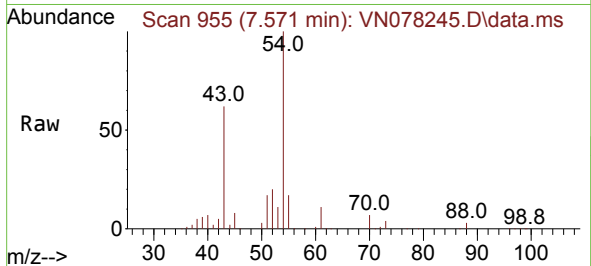




#37
Ethyl Acetate
Concen: 47.629 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

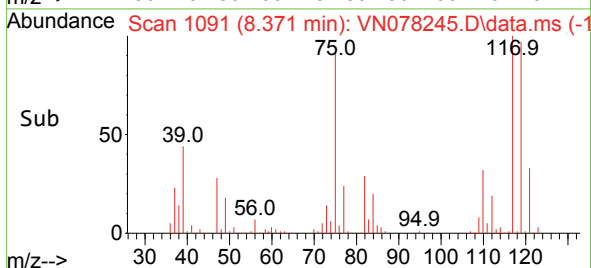
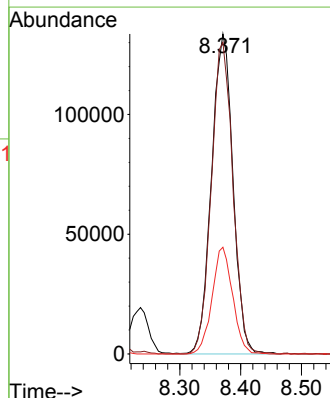
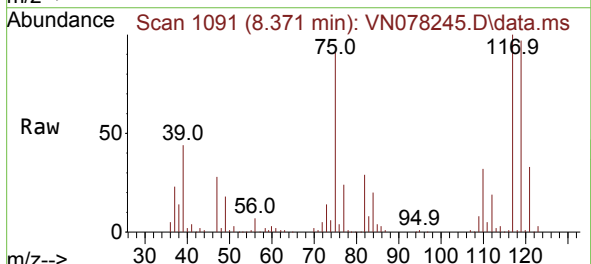
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

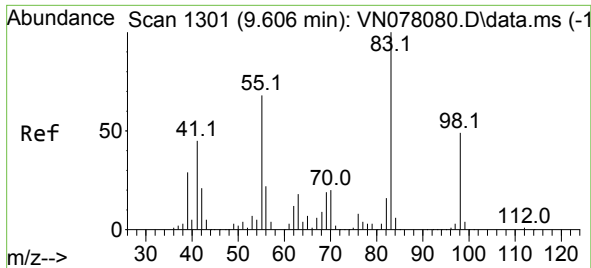
Tgt Ion: 43 Resp: 239779
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 10.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 48.180 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 117 Resp: 327844
Ion Ratio Lower Upper
117 100
119 97.4 77.3 115.9
121 33.3 23.3 34.9

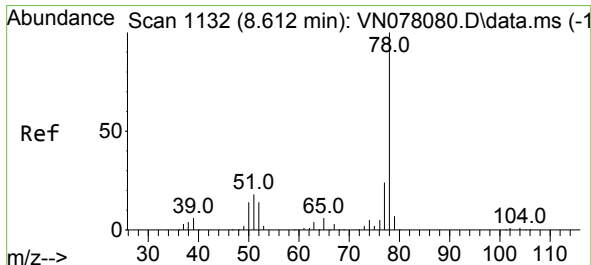
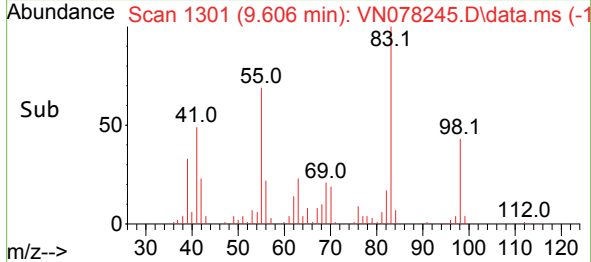
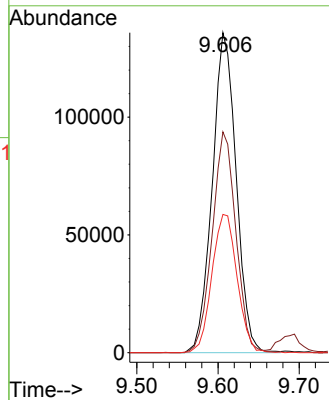
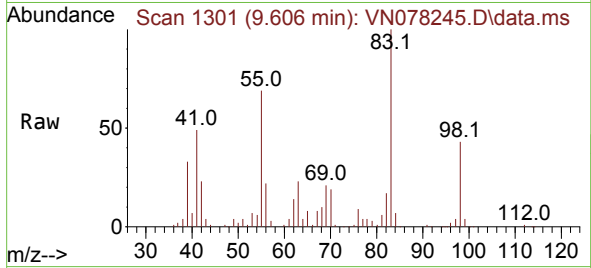




#39
Methylcyclohexane
Concen: 41.632 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

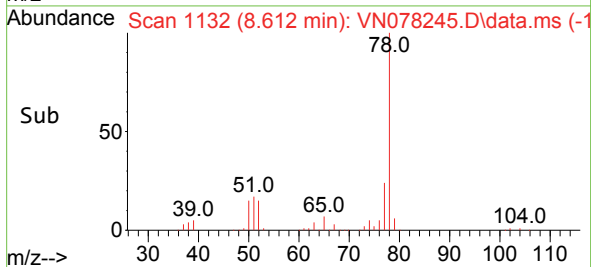
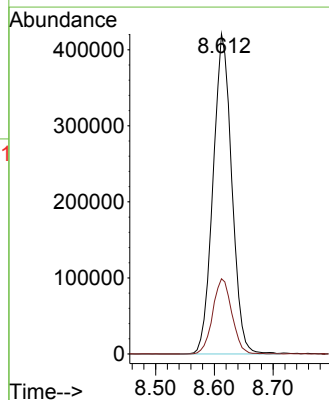
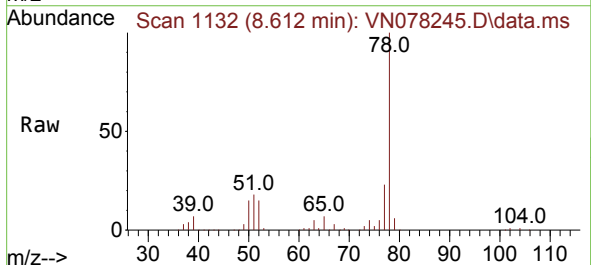
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

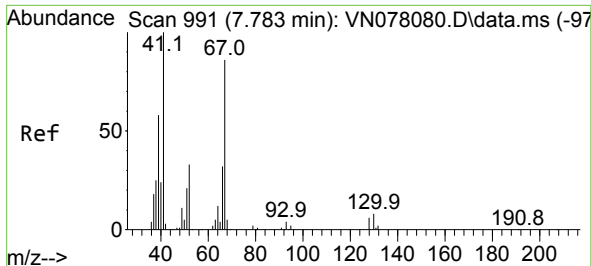
Tgt Ion: 83 Resp: 278034
Ion Ratio Lower Upper
83 100
55 69.0 49.1 73.7
98 43.2 40.6 61.0



#40
Benzene
Concen: 48.416 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 78 Resp: 931467
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

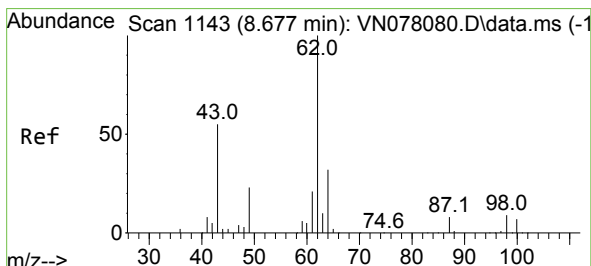
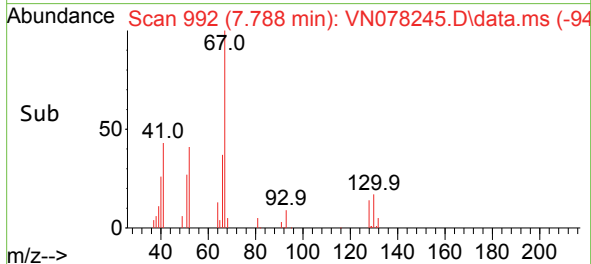
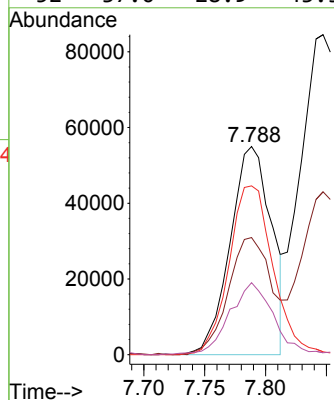
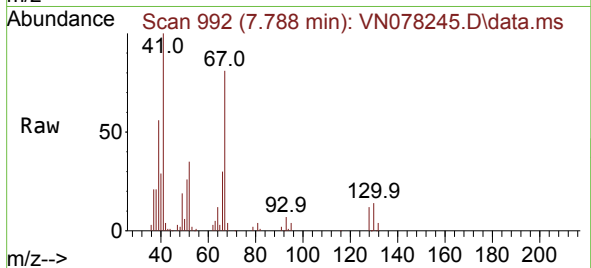




#41
Methacrylonitrile
Concen: 47.622 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

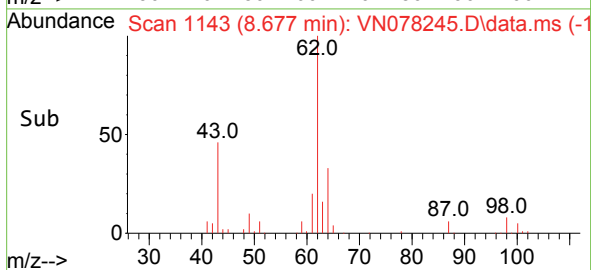
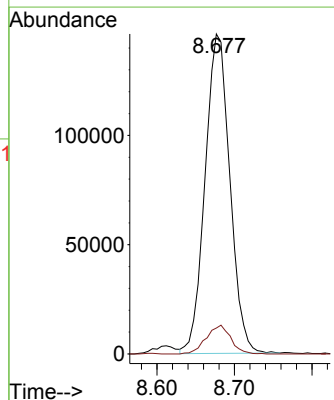
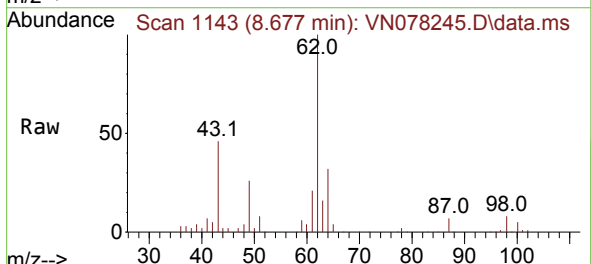
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

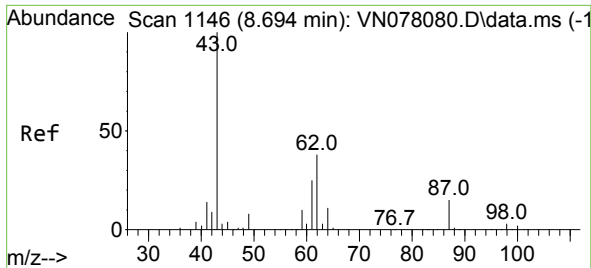
Tgt Ion:	41	Resp:	129948
Ion	Ratio	Lower	Upper
41	100		
39	58.2	42.6	64.0
67	86.2	77.5	116.3
52	37.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.287 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:	62	Resp:	325120
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

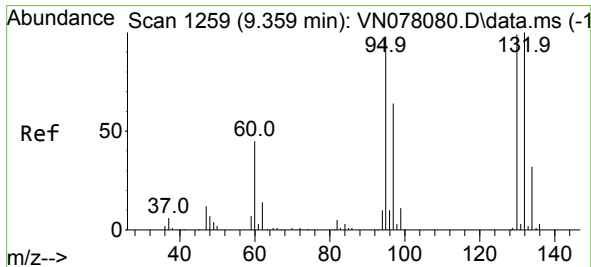
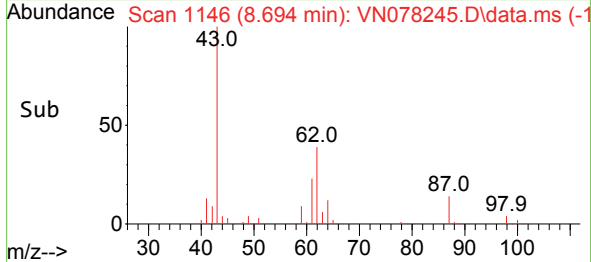
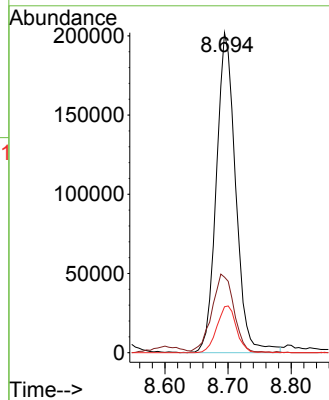
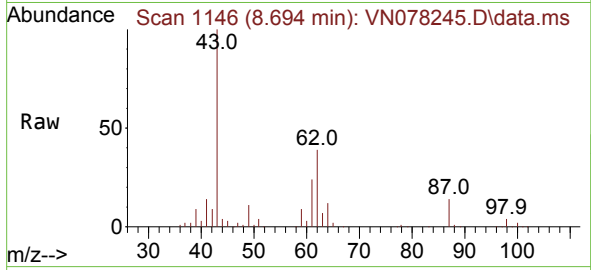




#43
Isopropyl Acetate
Concen: 44.627 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

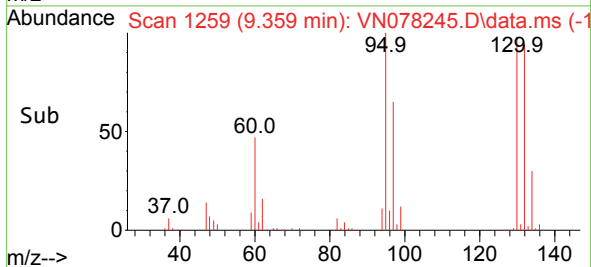
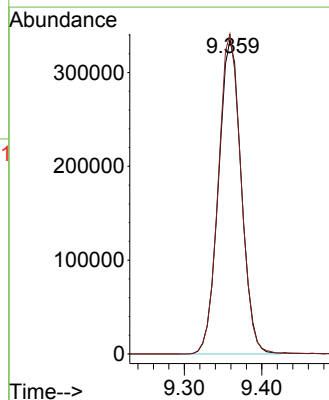
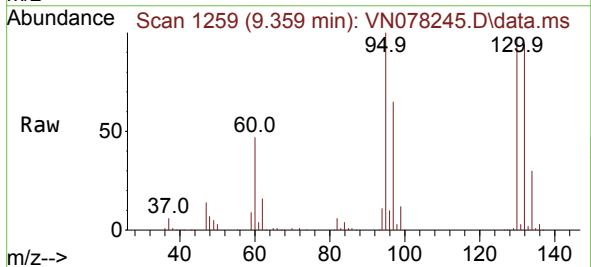
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

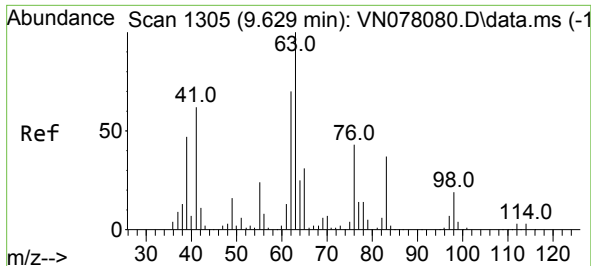
Tgt Ion: 43 Resp: 429662
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 14.6 14.6 21.8



#44
Trichloroethene
Concen: 135.061 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:130 Resp: 686220
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.6

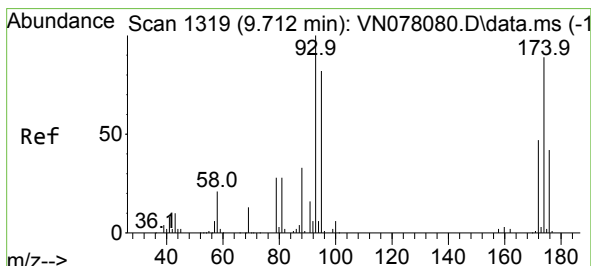
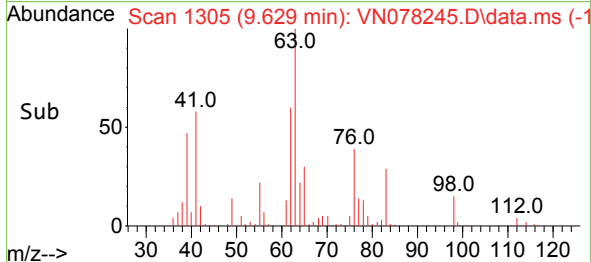
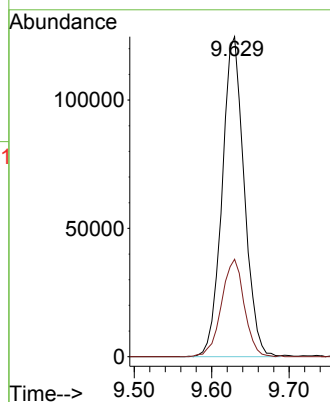
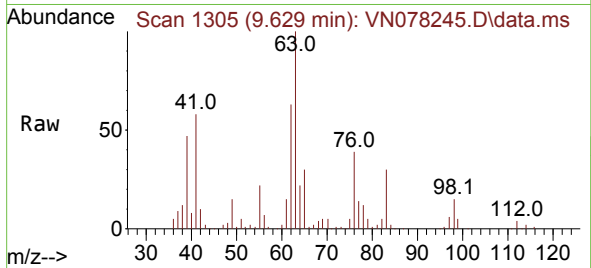




#45
1,2-Dichloropropane
Concen: 51.559 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

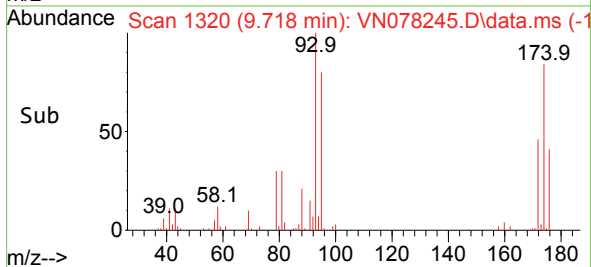
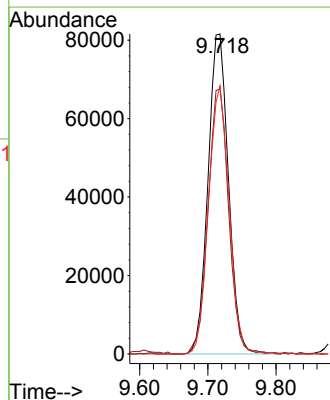
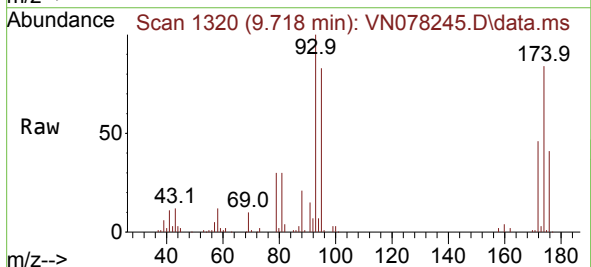
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

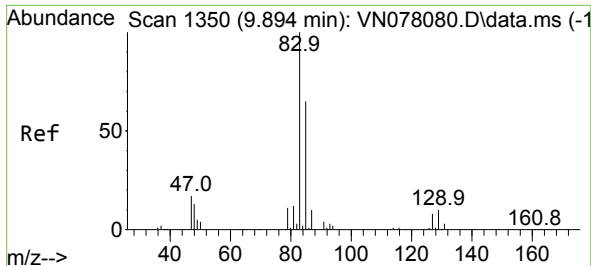
Tgt Ion: 63 Resp: 246796
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9



#46
Dibromomethane
Concen: 48.390 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 93 Resp: 170608
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 84.1 65.6 98.4

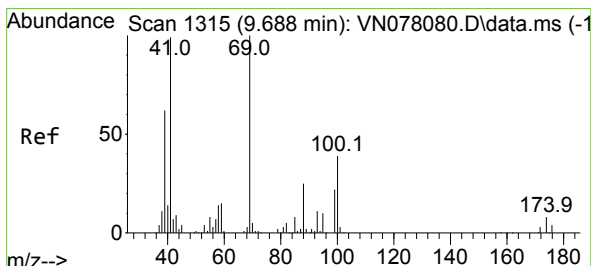
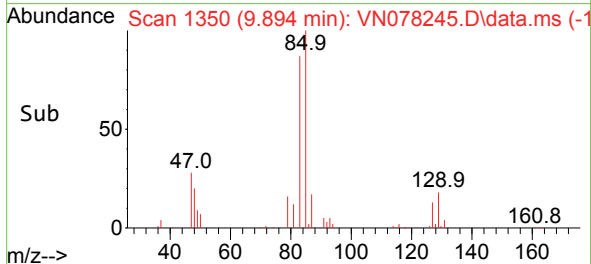
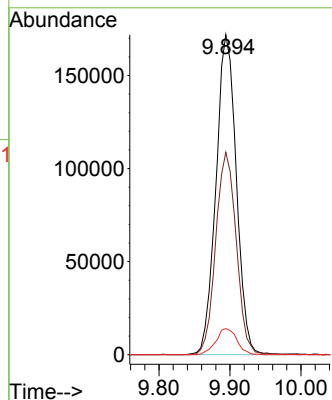
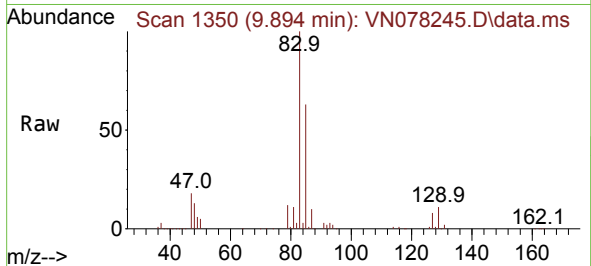




#47
Bromodichloromethane
Concen: 52.199 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

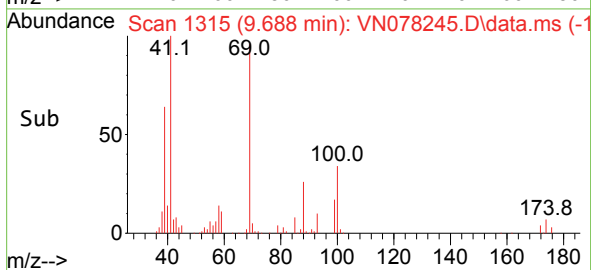
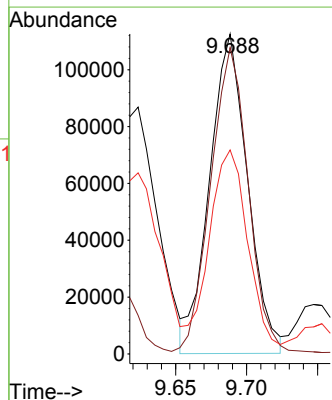
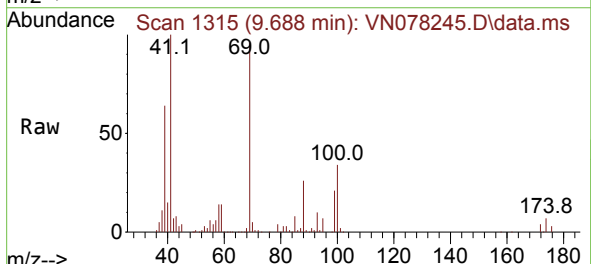
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

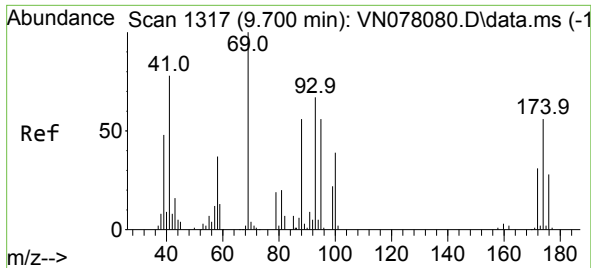
Tgt Ion: 83 Resp: 341860
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 51.811 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 41 Resp: 209335
Ion Ratio Lower Upper
41 100
69 95.9 90.4 135.6
39 66.1 54.6 81.8

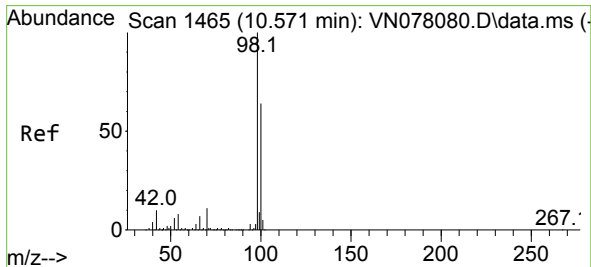
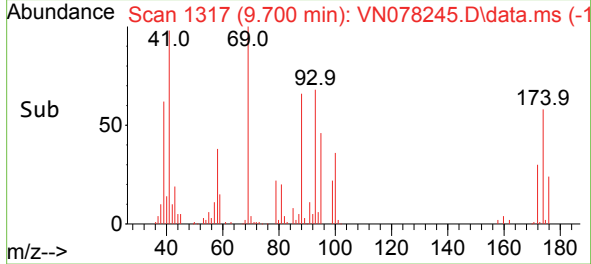
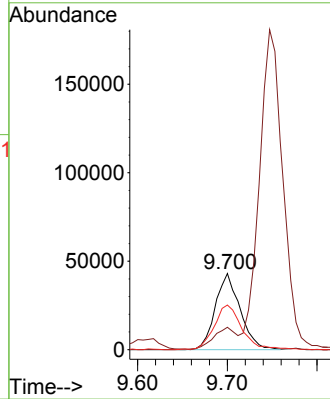
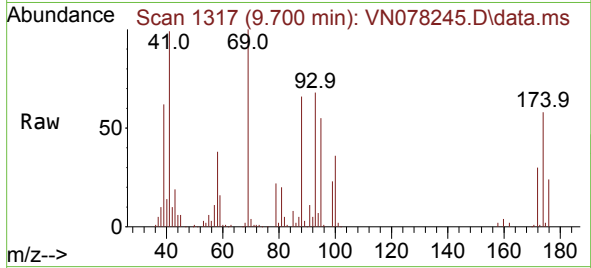




#49
1,4-Dioxane
Concen: 973.349 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

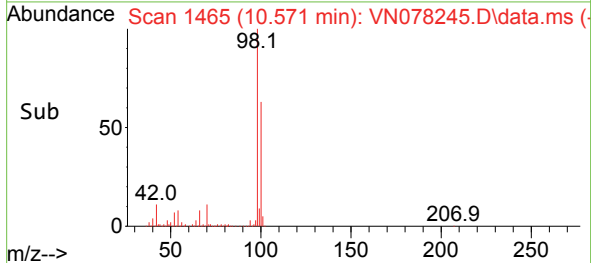
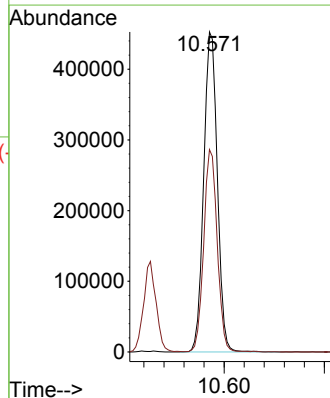
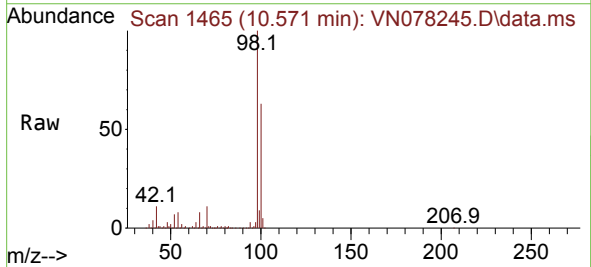
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

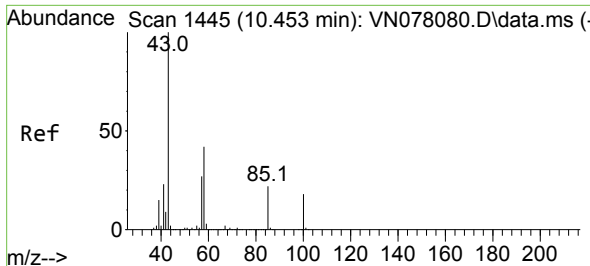
Tgt Ion: 88 Resp: 82657
Ion Ratio Lower Upper
88 100
43 26.7 17.0 25.6#
58 66.0 47.0 70.4



#50
Toluene-d8
Concen: 49.307 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 98 Resp: 853998
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

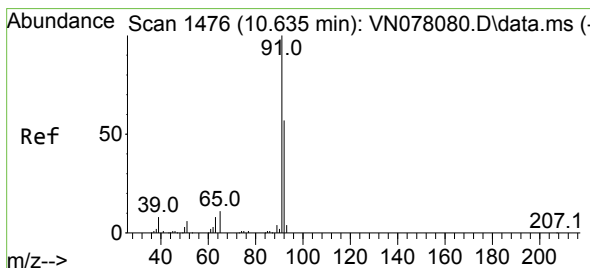
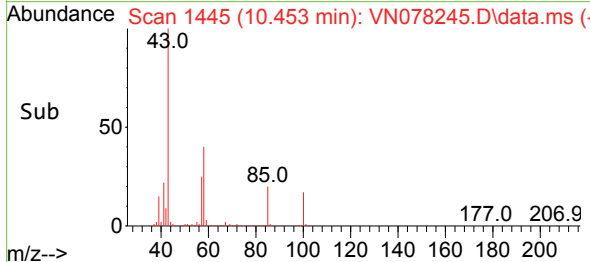
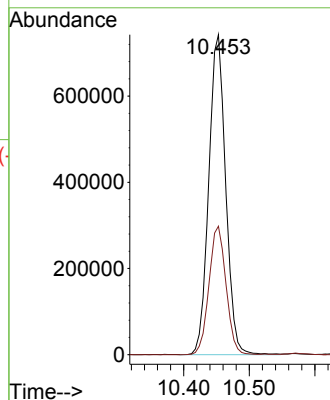
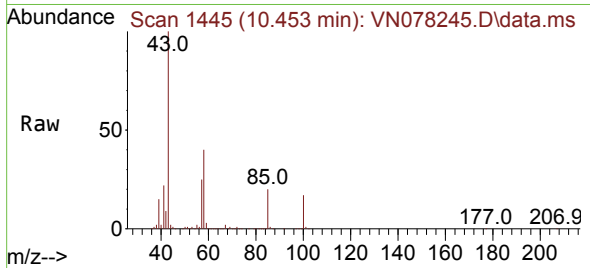




#51
4-Methyl-2-Pentanone
Concen: 262.485 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

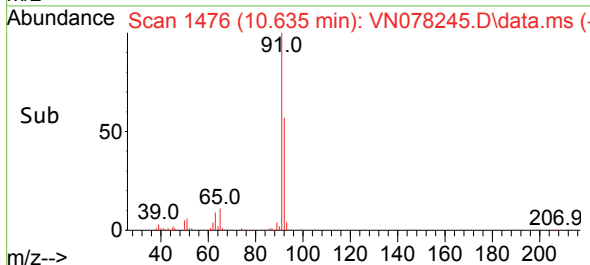
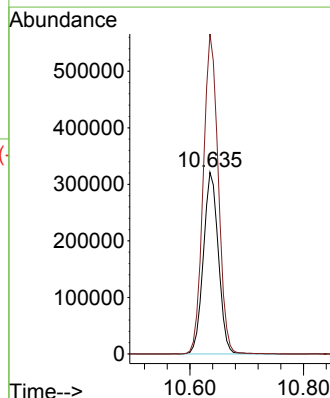
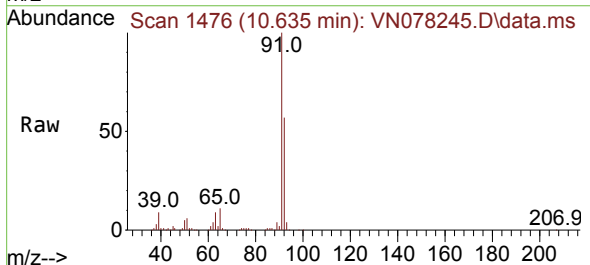
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MSD

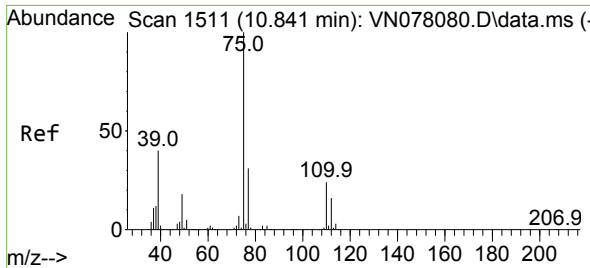
Tgt Ion: 43 Resp: 1330780
Ion Ratio Lower Upper
43 100
58 40.5 36.6 54.8



#52
Toluene
Concen: 48.372 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 92 Resp: 587569
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

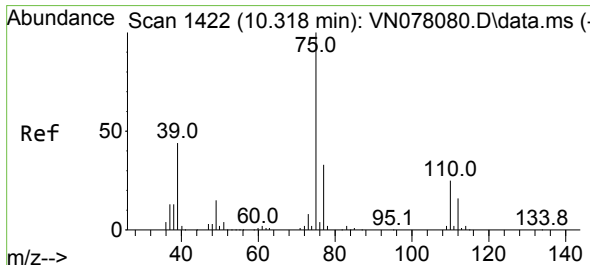
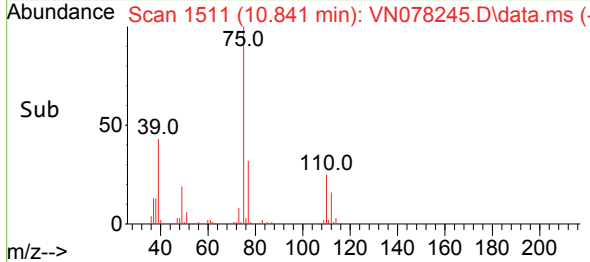
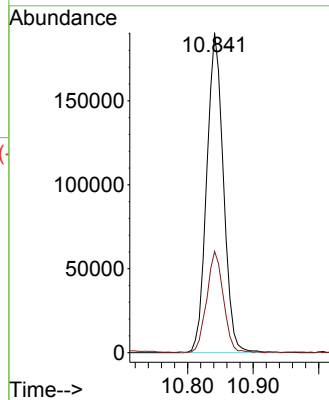
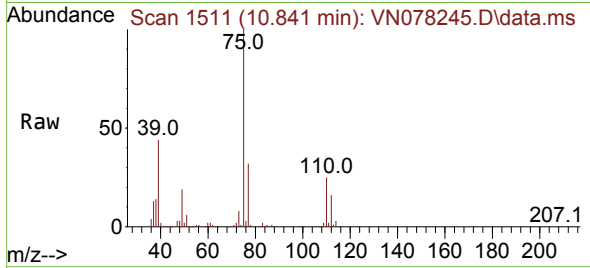




#53
t-1,3-Dichloropropene
Concen: 49.488 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

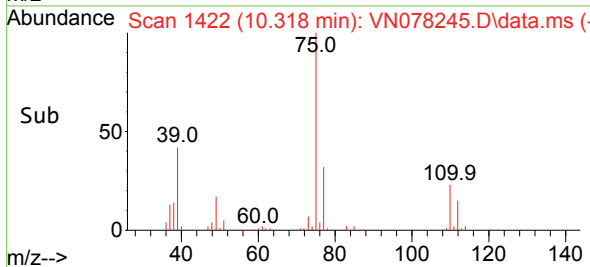
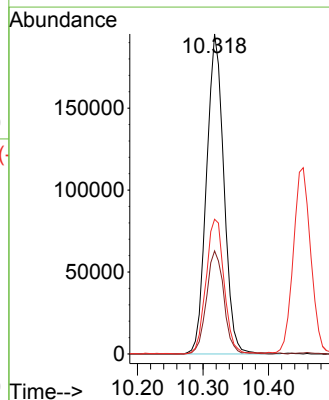
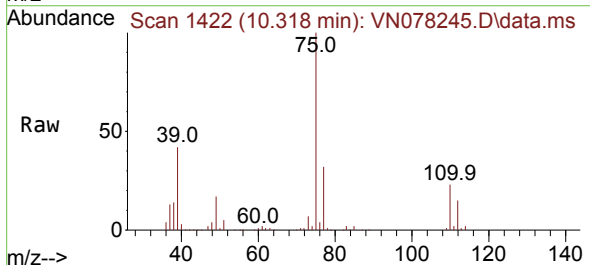
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-4S-06122023MSD

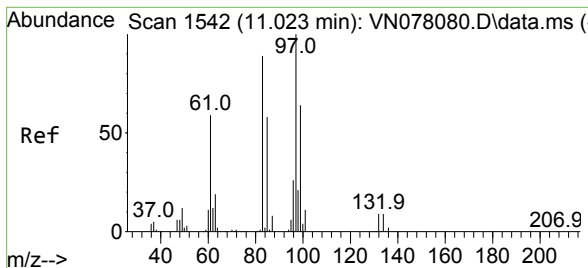
Tgt Ion: 75 Resp: 337535
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 47.747 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 75 Resp: 359994
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 42.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 51.339 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

Tgt Ion: 97 Resp: 235908

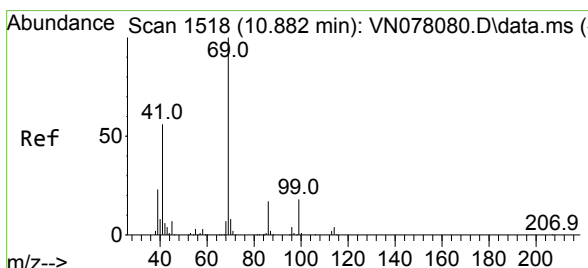
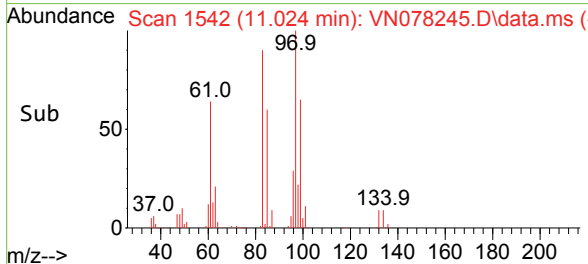
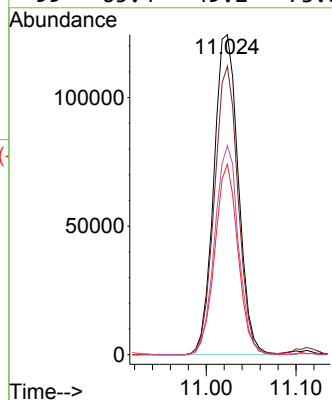
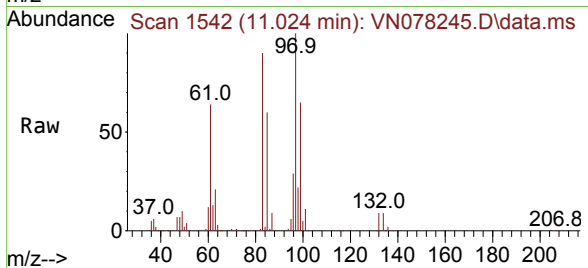
Ion Ratio Lower Upper

97 100

83 90.2 65.1 97.7

85 59.6 43.4 65.2

99 65.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.126 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

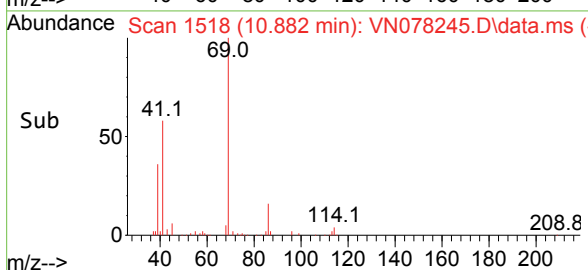
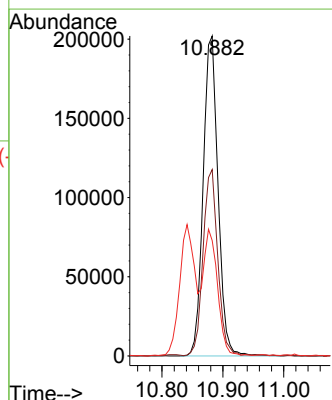
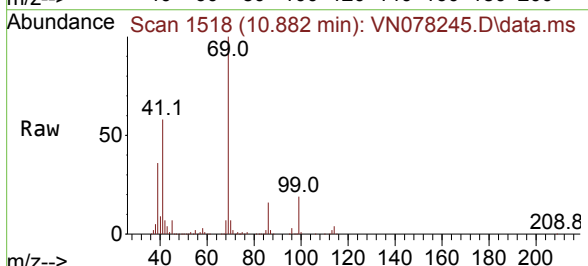
Tgt Ion: 69 Resp: 342075

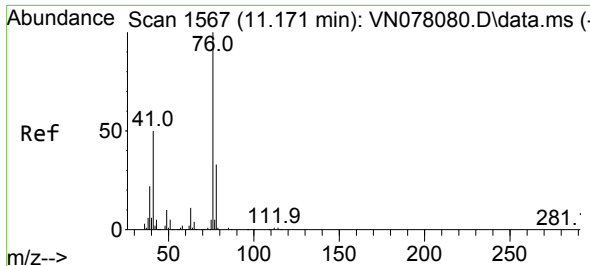
Ion Ratio Lower Upper

69 100

41 57.7 39.6 59.4

39 38.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.167 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078245.D

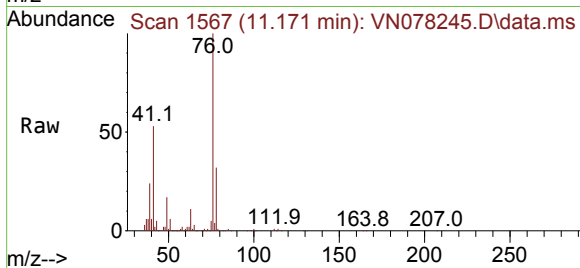
Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

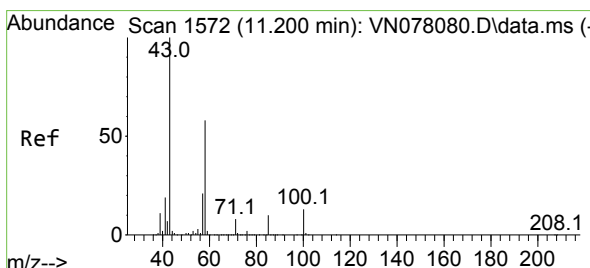
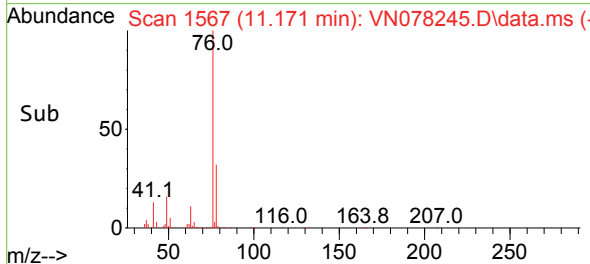
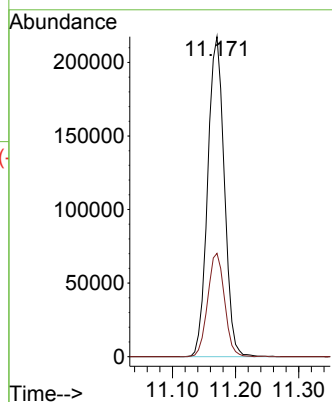


Tgt Ion: 76 Resp: 396867

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#59

2-Hexanone

Concen: 265.540 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN078245.D

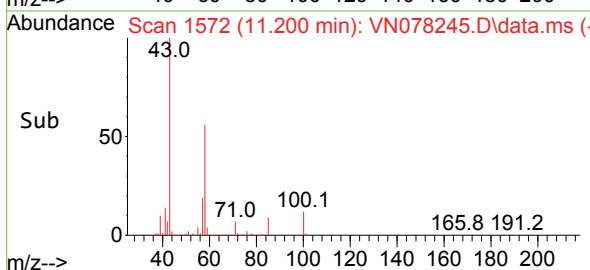
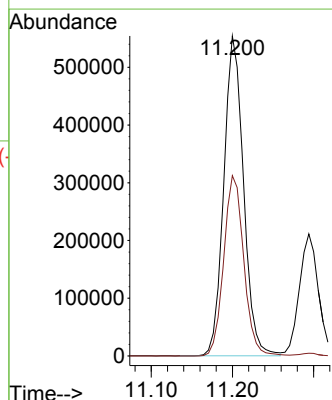
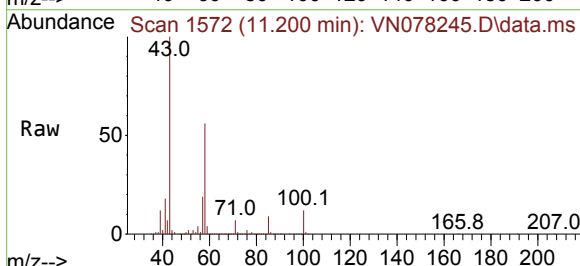
Acq: 15 Jun 2023 21:58

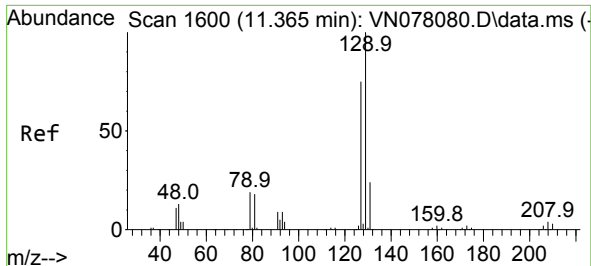
Tgt Ion: 43 Resp: 937395

Ion Ratio Lower Upper

43 100

58 57.3 31.7 95.1

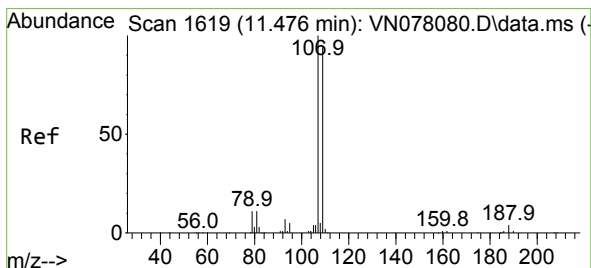
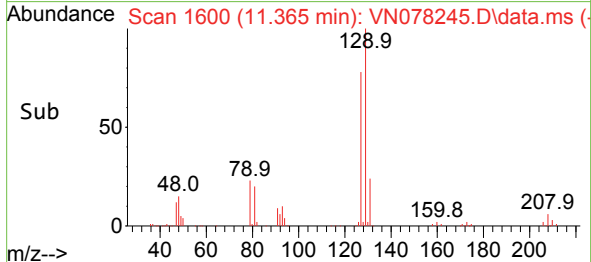
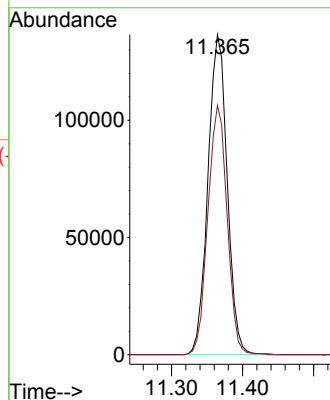
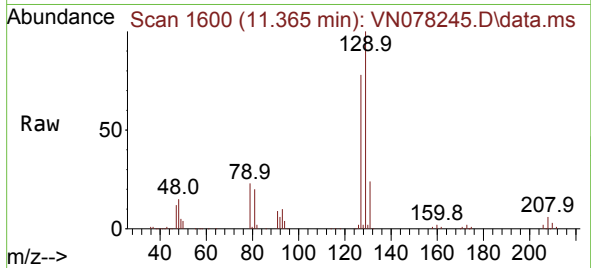




#60
Dibromochloromethane
Concen: 51.112 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

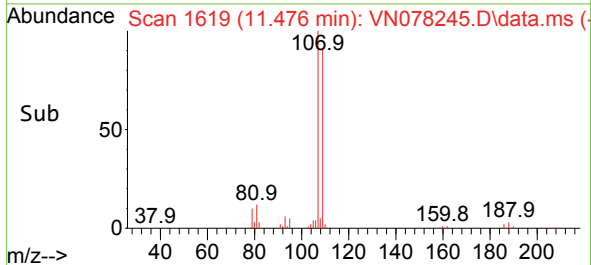
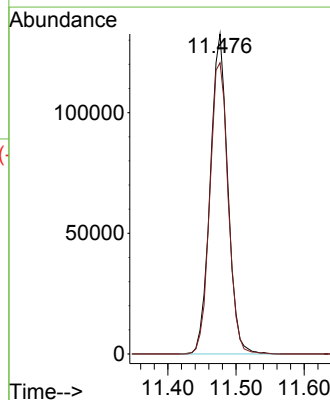
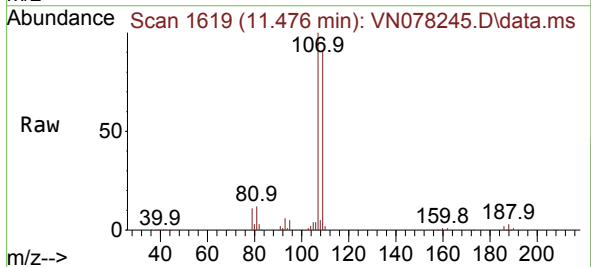
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

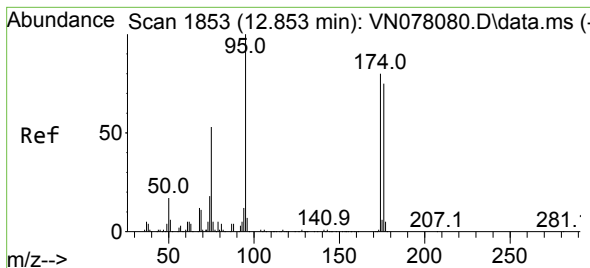
Tgt Ion:129 Resp: 256999
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0



#61
1,2-Dibromoethane
Concen: 49.296 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:107 Resp: 237716
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8





#62

4-Bromofluorobenzene

Concen: 49.691 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

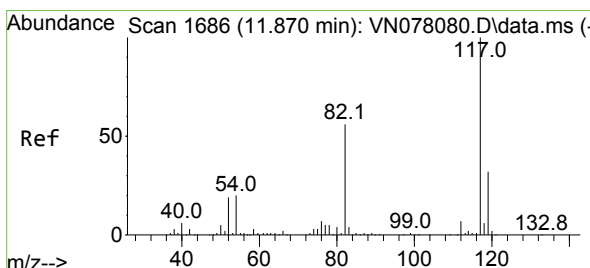
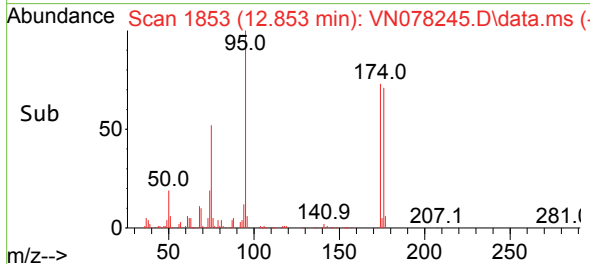
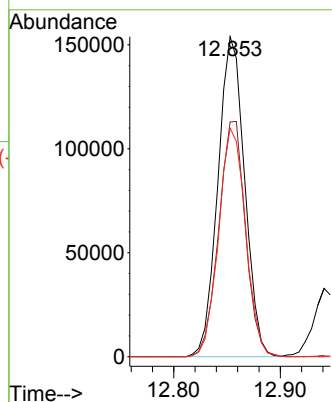
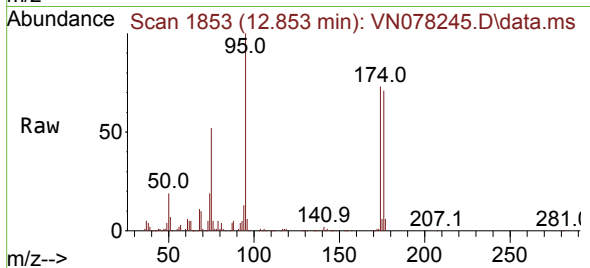
Tgt Ion: 95 Resp: 267553

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.8

176 72.2 0.0 135.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

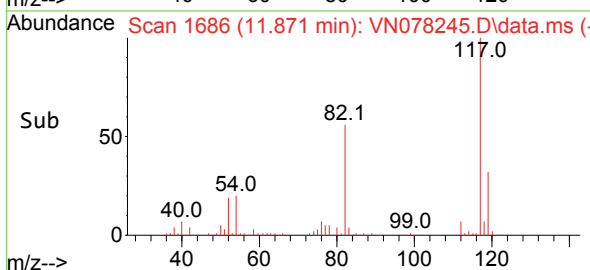
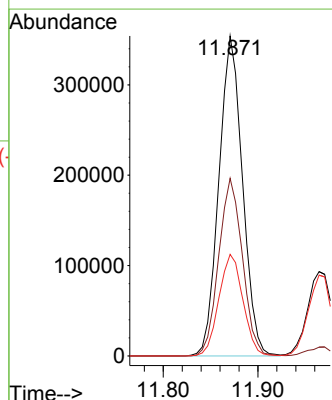
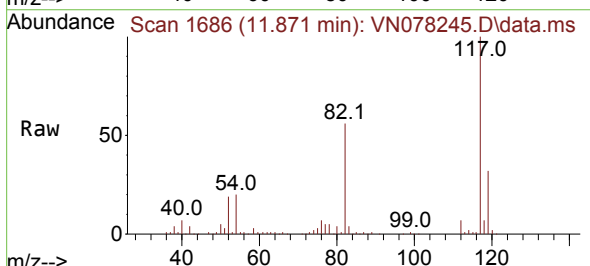
Tgt Ion: 117 Resp: 614435

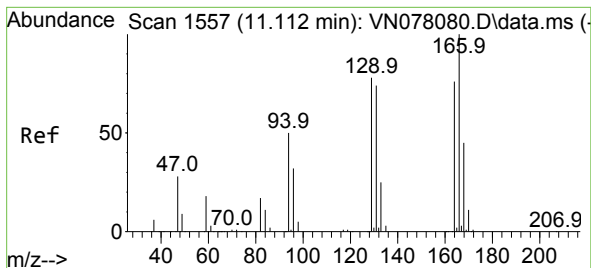
Ion Ratio Lower Upper

117 100

82 55.5 44.0 66.0

119 31.8 25.6 38.4





#64

Tetrachloroethene

Concen: 44.775 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078245.D

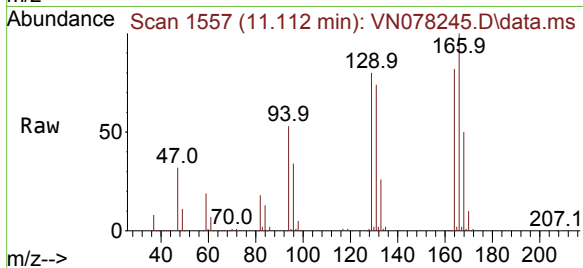
Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD



Tgt Ion:164 Resp: 183537

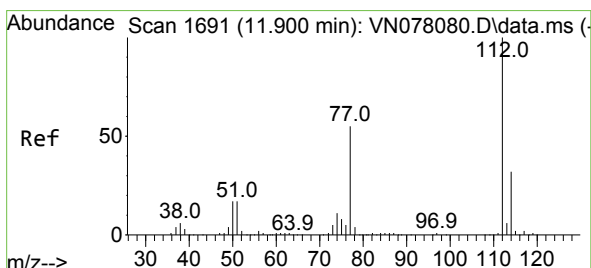
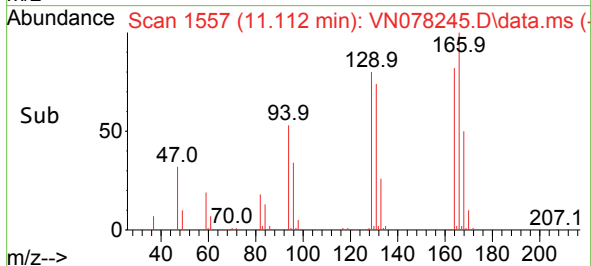
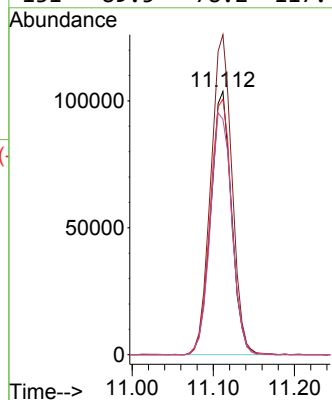
Ion Ratio Lower Upper

164 100

166 121.6 101.4 152.0

129 97.1 82.4 123.6

131 89.5 78.2 117.4



#65

Chlorobenzene

Concen: 47.432 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.000 min

Lab File: VN078245.D

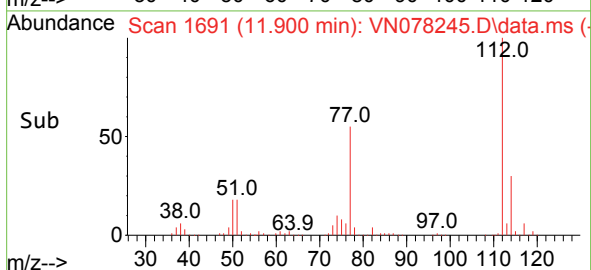
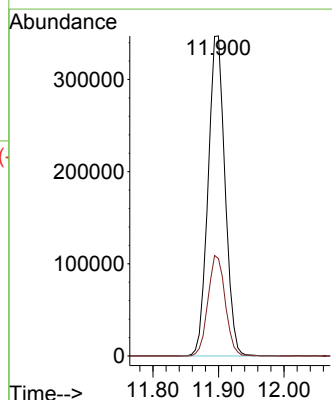
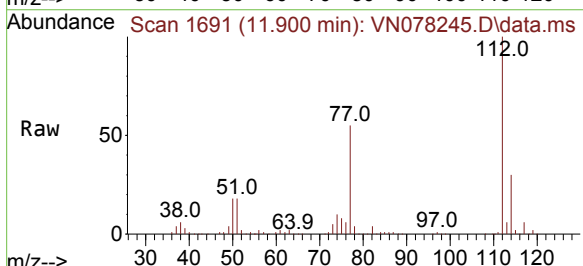
Acq: 15 Jun 2023 21:58

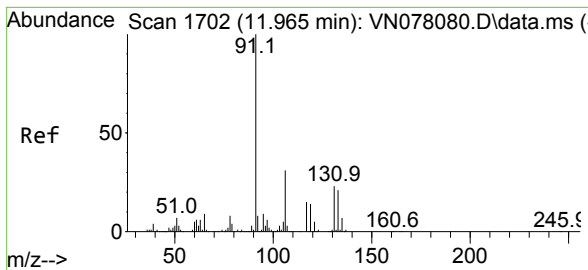
Tgt Ion:112 Resp: 624126

Ion Ratio Lower Upper

112 100

114 30.5 25.0 37.4

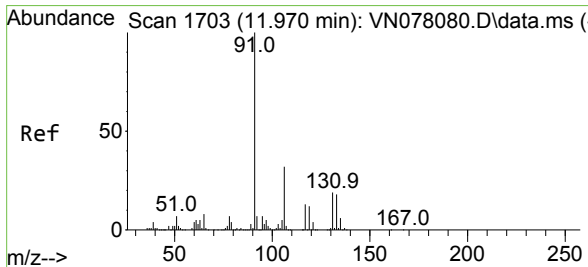
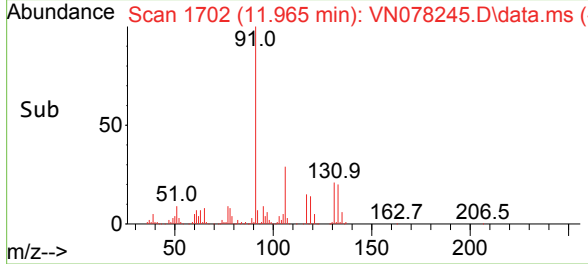
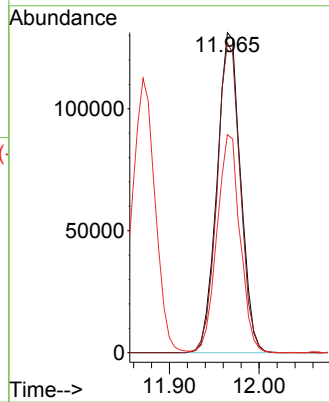
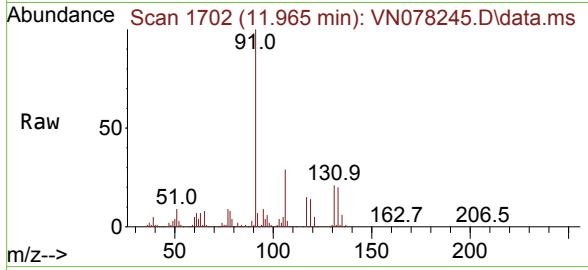




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.319 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

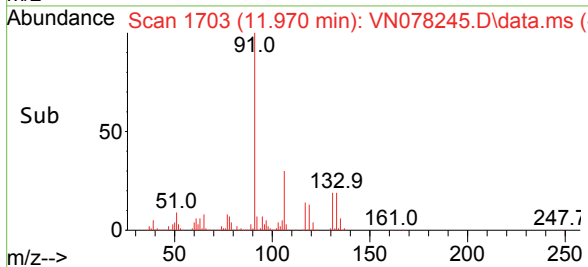
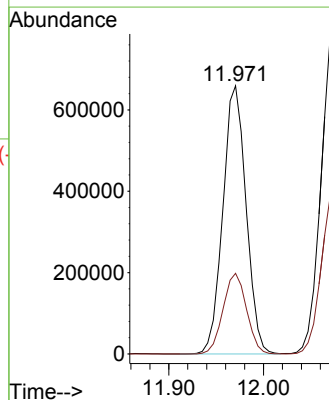
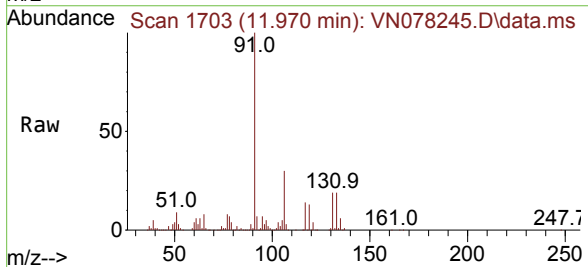
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

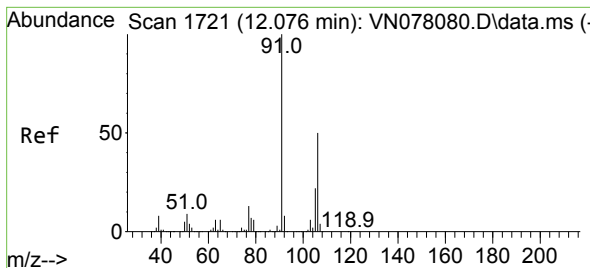
Tgt Ion:131 Resp: 238687
 Ion Ratio Lower Upper
 131 100
 133 95.7 46.4 139.1
 119 66.9 34.1 102.2



#67
 Ethyl Benzene
 Concen: 49.428 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 91 Resp: 1122240
 Ion Ratio Lower Upper
 91 100
 106 30.0 25.6 38.4

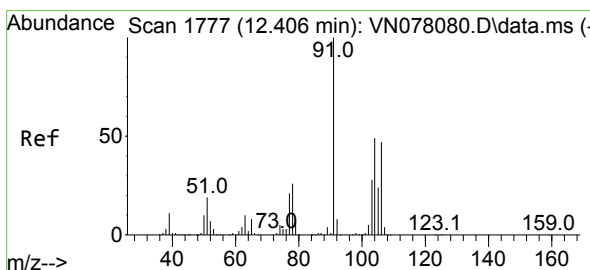
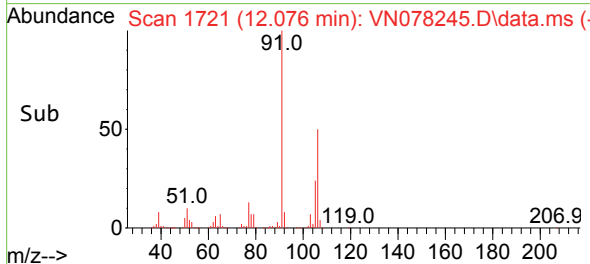
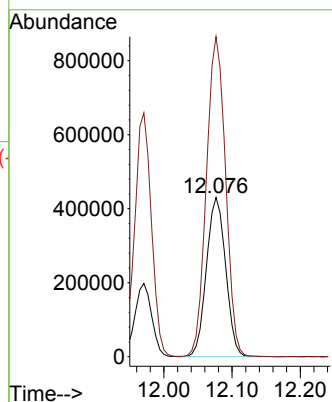
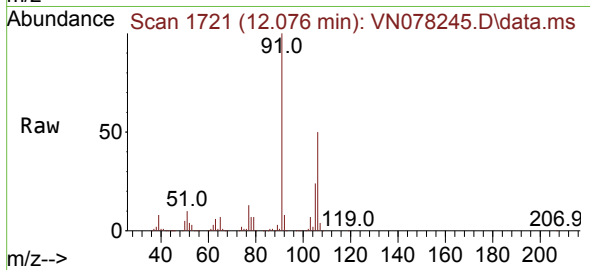




#68
m/p-Xylenes
Concen: 97.321 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

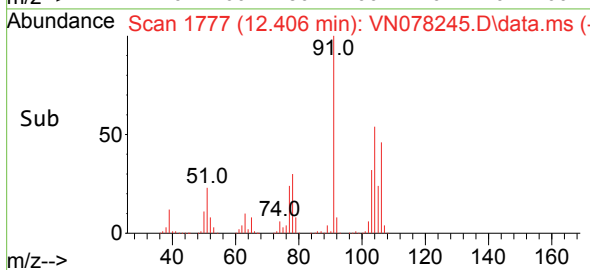
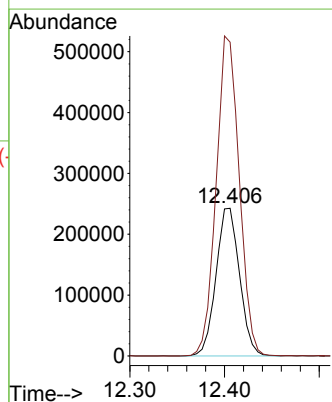
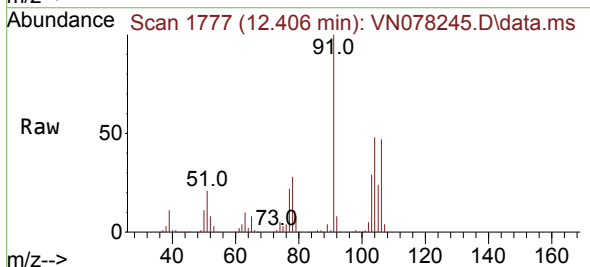
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

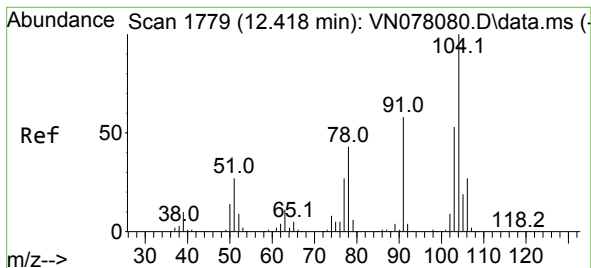
Tgt Ion:106 Resp: 842102
Ion Ratio Lower Upper
106 100
91 200.9 159.6 239.4



#69
o-Xylene
Concen: 49.324 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:106 Resp: 419117
Ion Ratio Lower Upper
106 100
91 213.0 105.2 315.5





#70

Styrene

Concen: 49.687 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

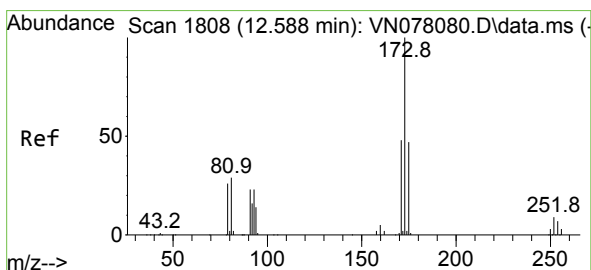
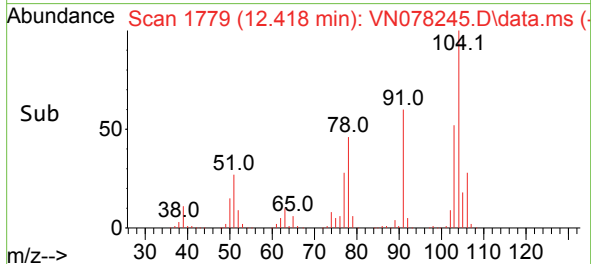
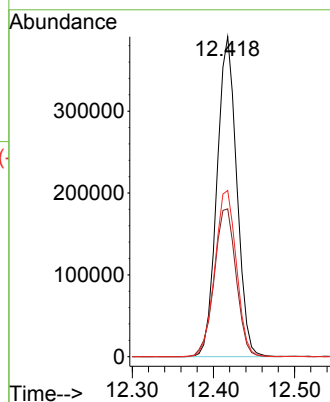
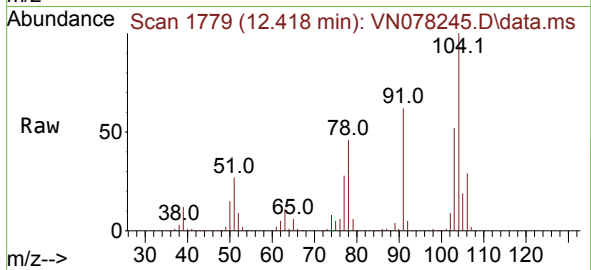
Tgt Ion:104 Resp: 664680

Ion Ratio Lower Upper

104 100

78 51.1 39.5 59.3

103 56.5 43.2 64.8



#71

Bromoform

Concen: 50.882 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

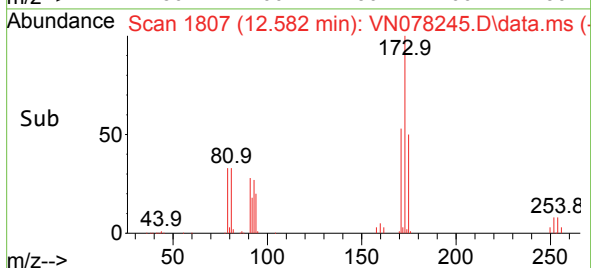
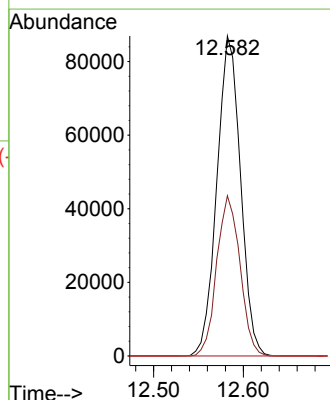
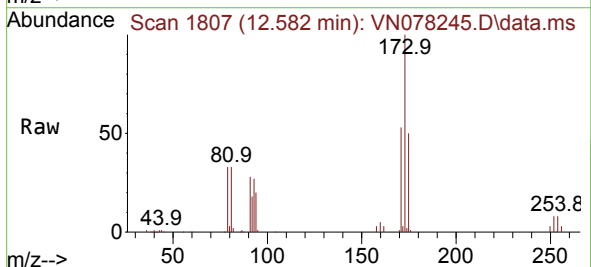
Tgt Ion:173 Resp: 158917

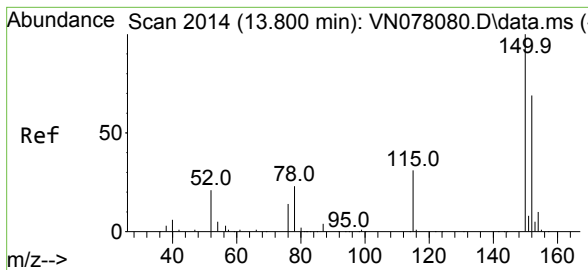
Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.0 0.0 0.0

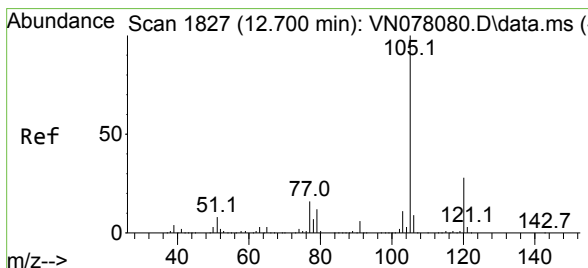
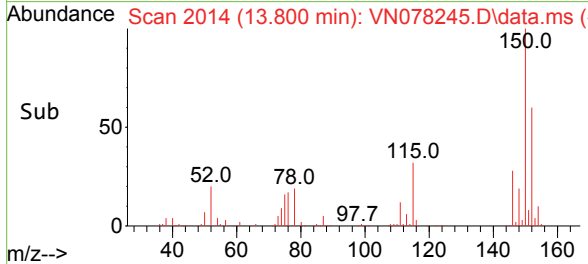
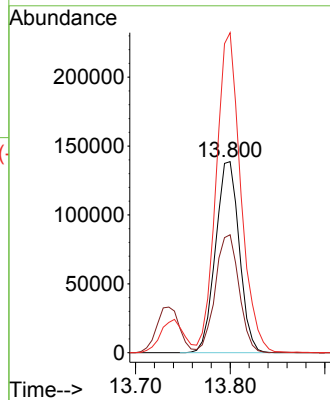
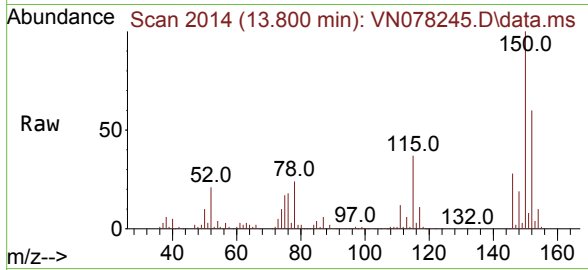




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

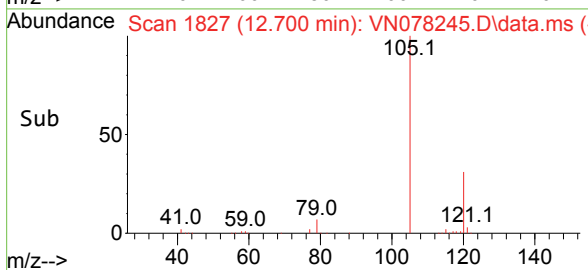
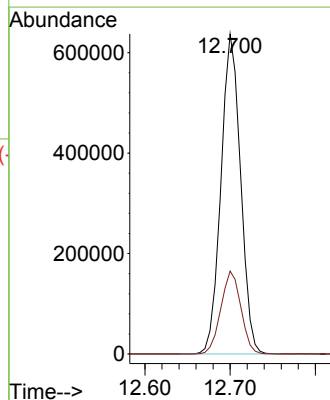
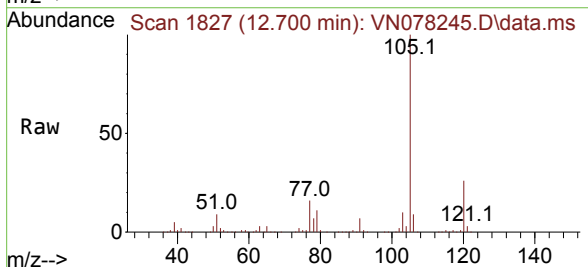
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

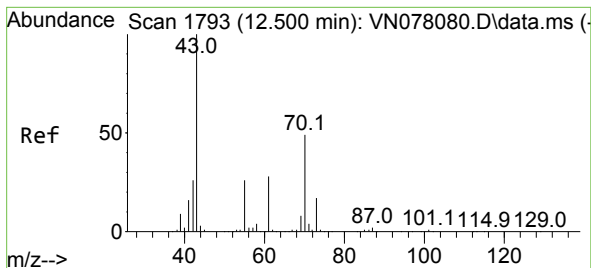
Tgt Ion:152 Resp: 241149
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.3 96.8
 150 173.0 0.0 355.8



#73
 Isopropylbenzene
 Concen: 44.592 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion:105 Resp: 1016857
 Ion Ratio Lower Upper
 105 100
 120 26.4 13.1 39.1





#74

N-amy1 acetate

Concen: 43.896 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078245.D

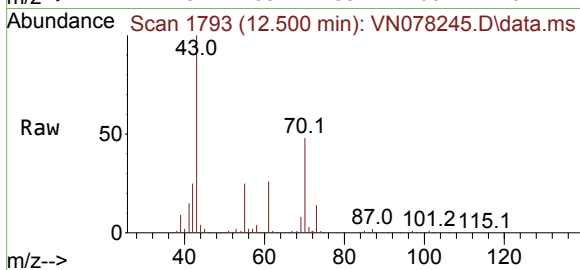
Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD



Tgt Ion: 43 Resp: 329633

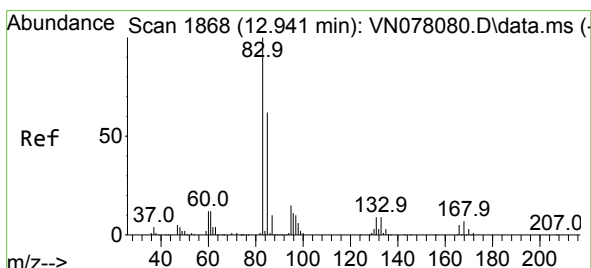
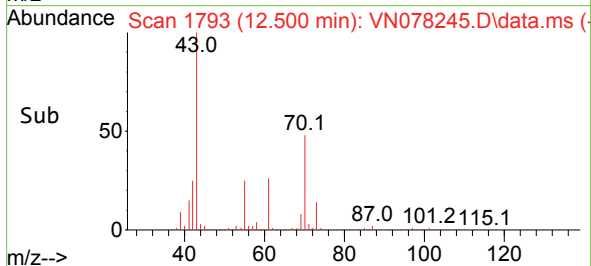
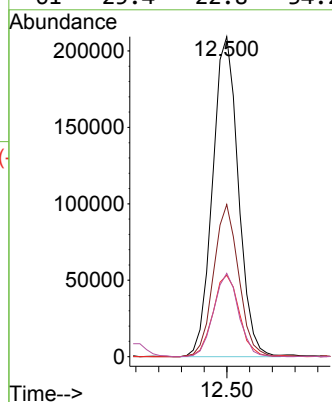
Ion Ratio Lower Upper

43 100

70 46.3 43.4 65.2

55 26.2 21.4 32.0

61 25.4 22.8 34.2



#75

1,1,2,2-Tetrachloroethane

Concen: 54.072 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

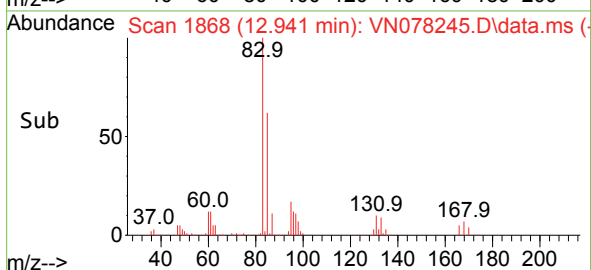
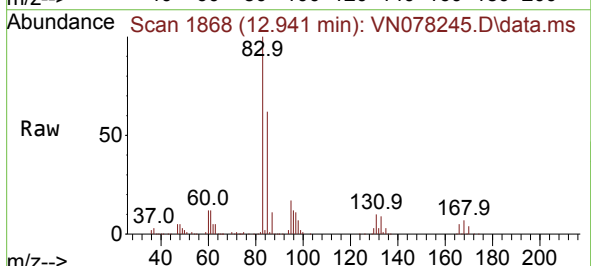
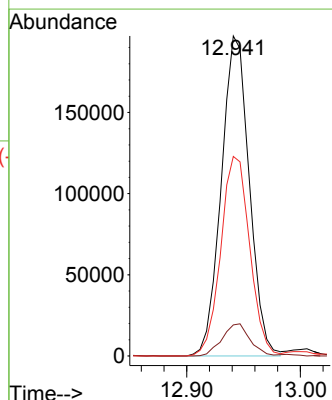
Tgt Ion: 83 Resp: 337890

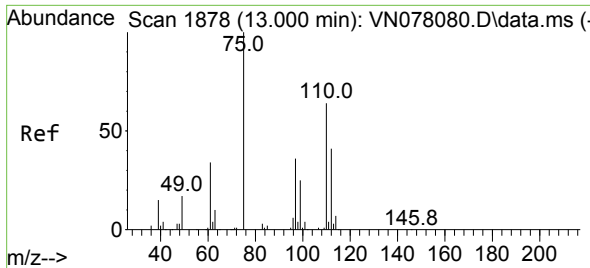
Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.4 31.9 95.7

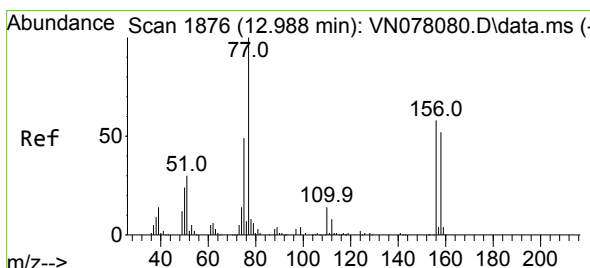
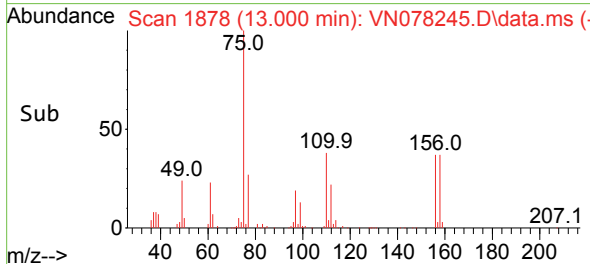
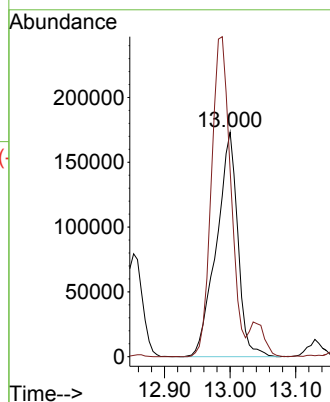
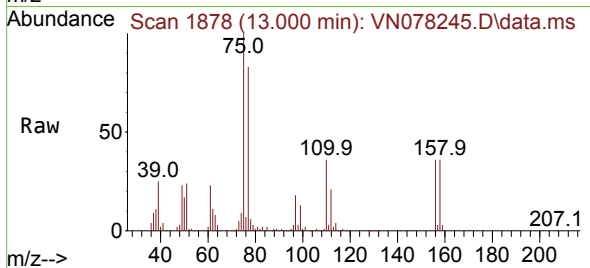




#76
1,2,3-Trichloropropane
Concen: 68.600 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

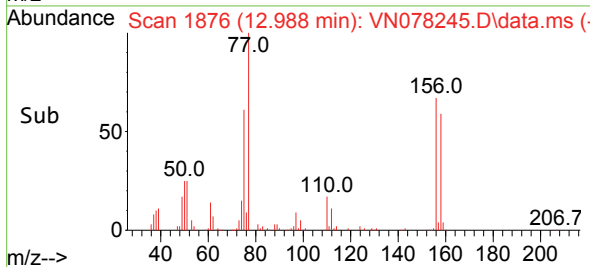
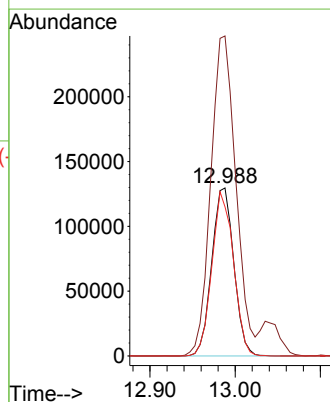
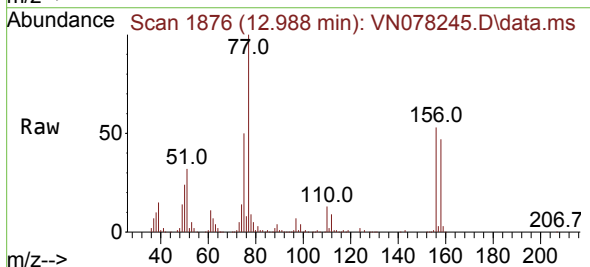
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

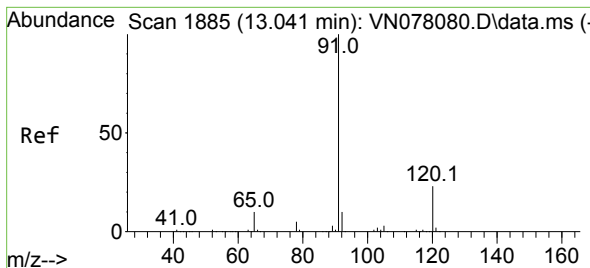
Tgt Ion: 75 Resp: 391078
Ion Ratio Lower Upper
75 100
77 128.8 84.5 253.5



#77
Bromobenzene
Concen: 44.016 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion:156 Resp: 233005
Ion Ratio Lower Upper
156 100
77 216.2 107.7 323.3
158 95.8 48.4 145.3





#78

n-propylbenzene

Concen: 45.873 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

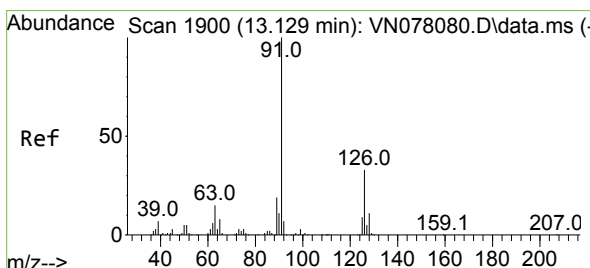
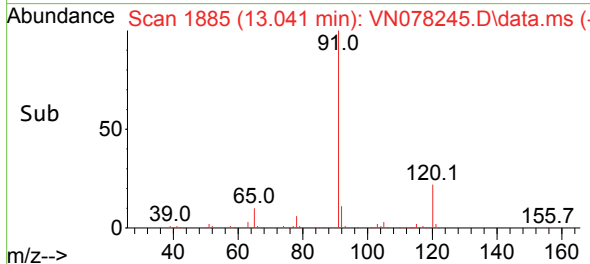
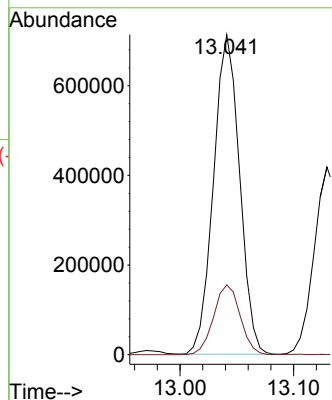
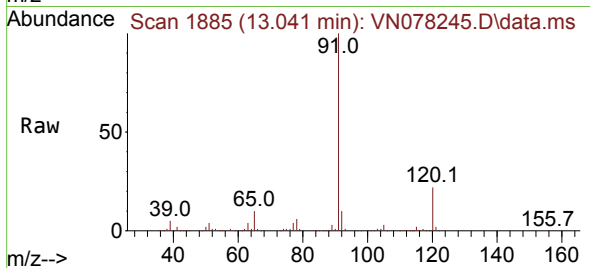
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion: 91 Resp: 1136538

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 44.972 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078245.D

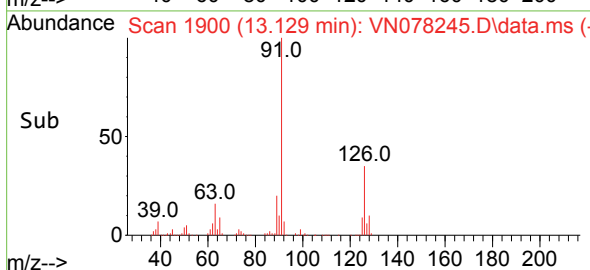
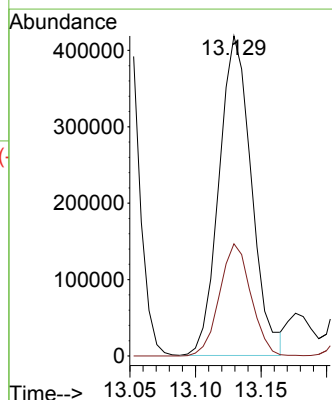
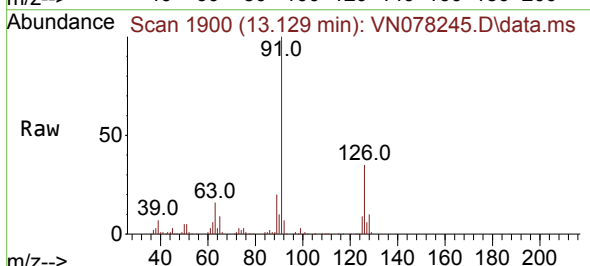
Acq: 15 Jun 2023 21:58

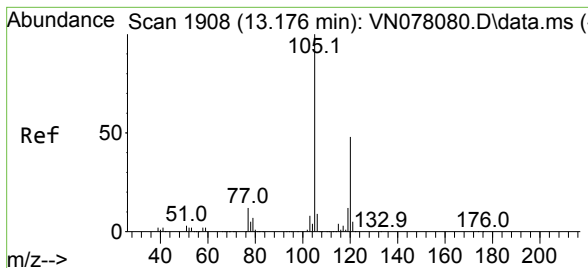
Tgt Ion: 91 Resp: 719231

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 44.612 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

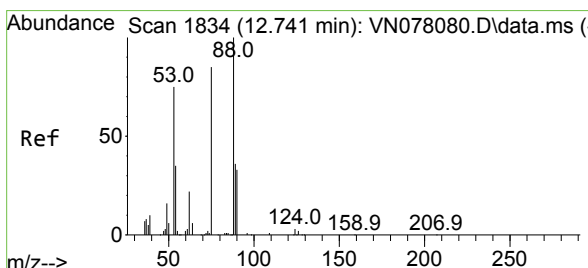
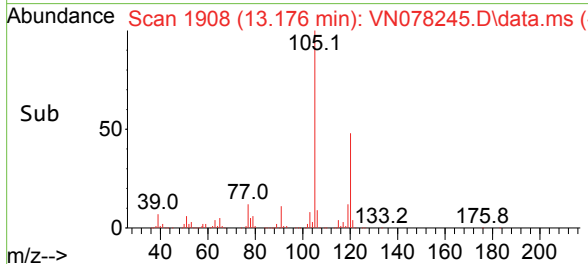
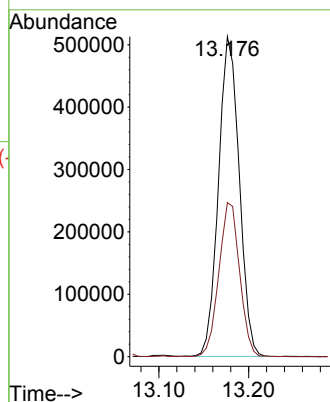
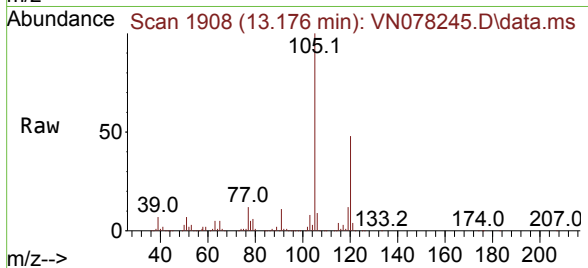
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion:105 Resp: 823653

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.120 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

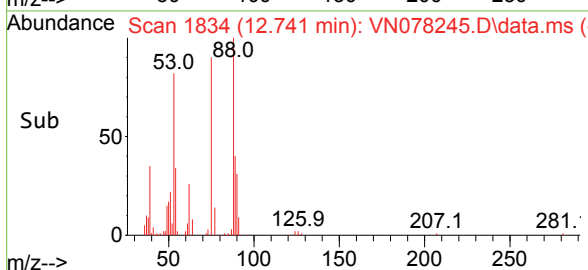
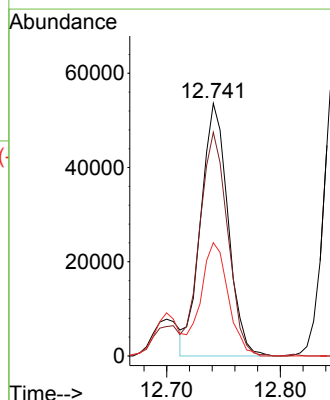
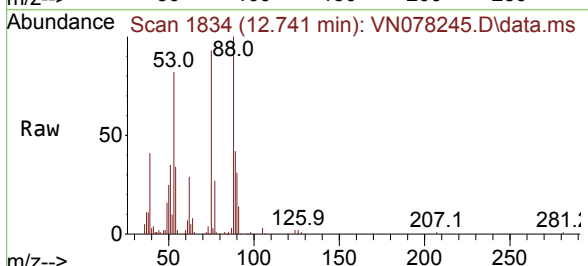
Tgt Ion: 75 Resp: 89290

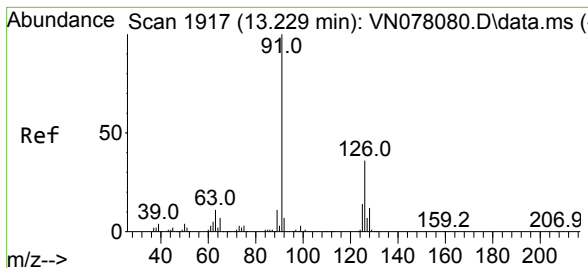
Ion Ratio Lower Upper

75 100

53 91.2 67.4 101.2

89 44.5 38.8 58.2

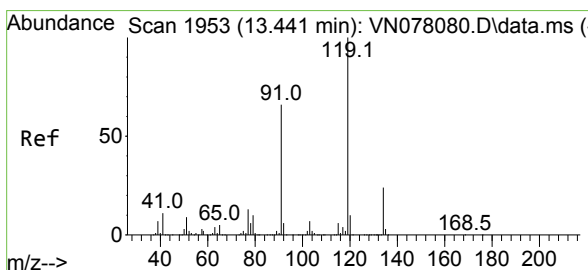
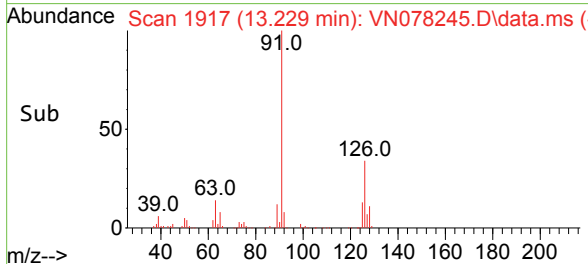
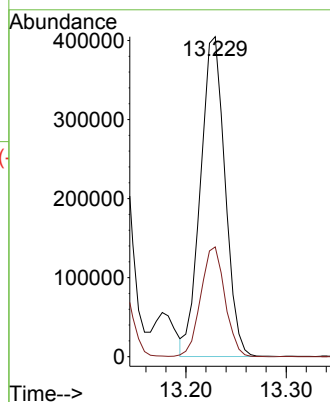
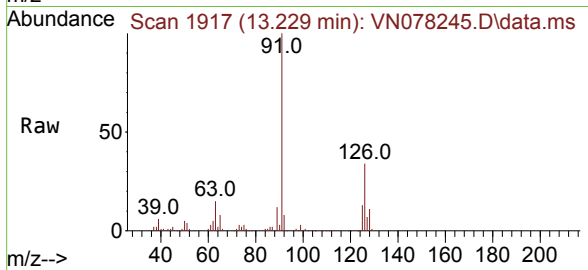




#82
4-Chlorotoluene
Concen: 46.158 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

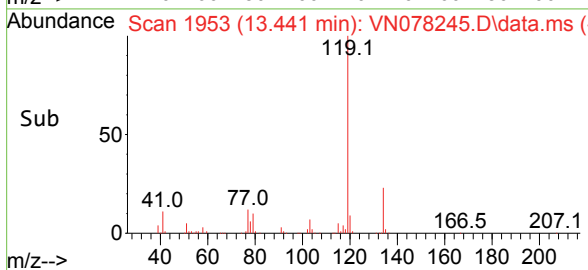
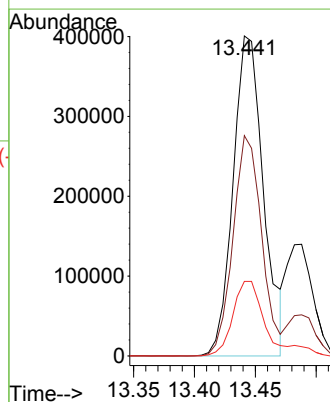
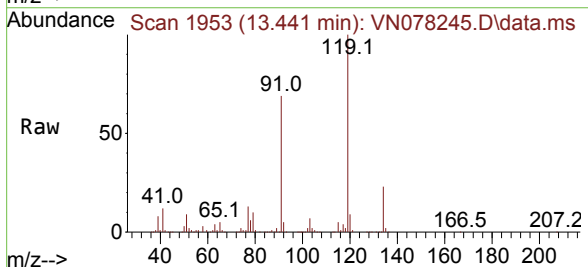
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

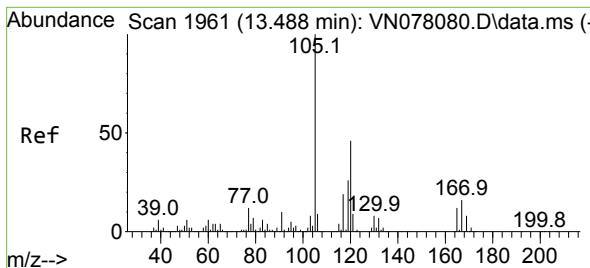
Tgt Ion: 91 Resp: 688954
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 43.336 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 119 Resp: 695485
Ion Ratio Lower Upper
119 100
91 65.0 33.9 101.7
134 25.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 45.971 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

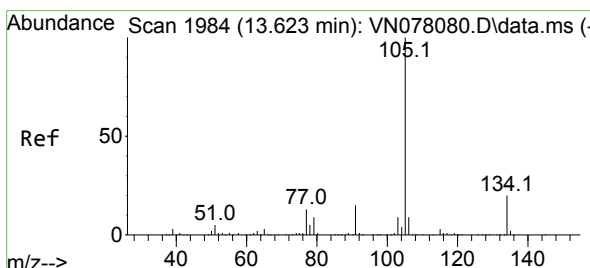
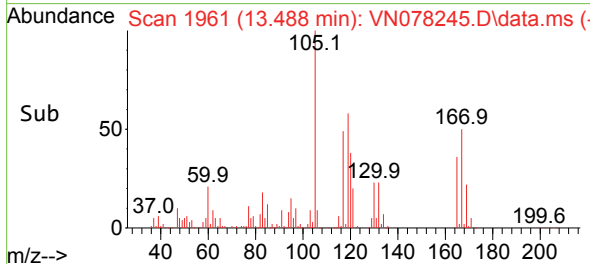
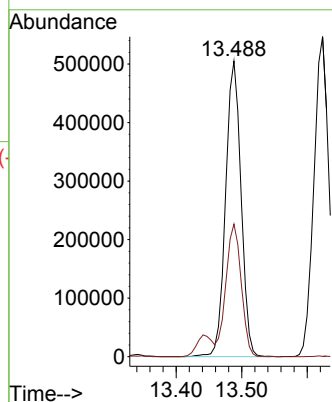
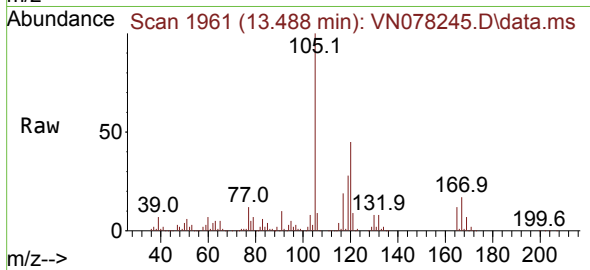
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion:105 Resp: 822859

Ion Ratio Lower Upper

105 100

120 44.8 22.0 66.0



#85

sec-Butylbenzene

Concen: 41.760 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078245.D

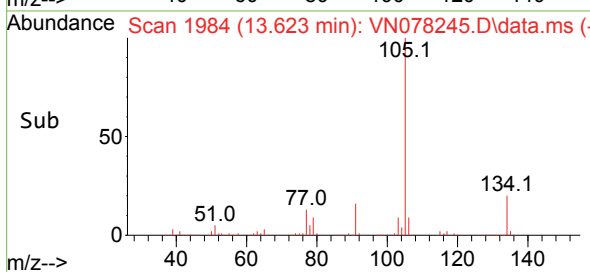
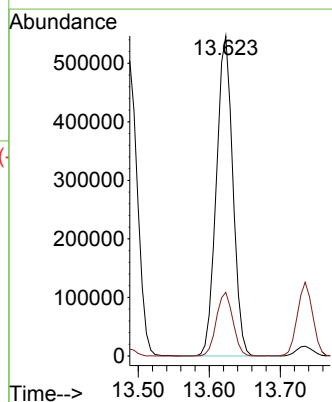
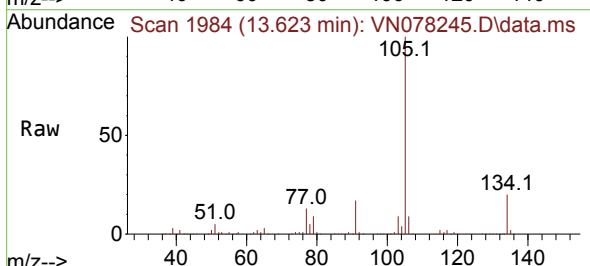
Acq: 15 Jun 2023 21:58

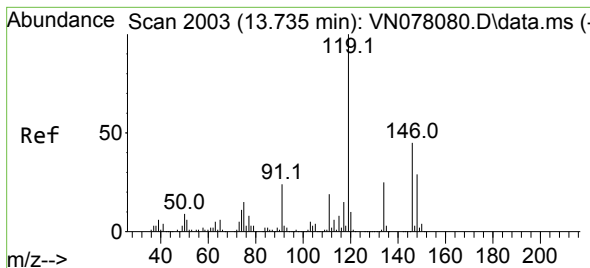
Tgt Ion:105 Resp: 877195

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3





#86

p-Isopropyltoluene

Concen: 43.490 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD

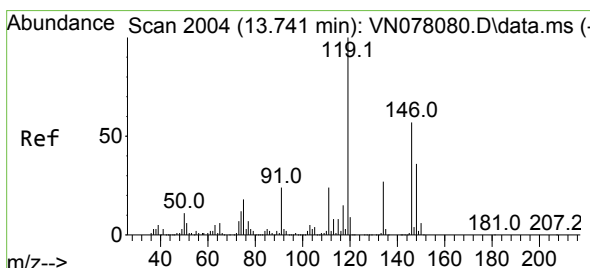
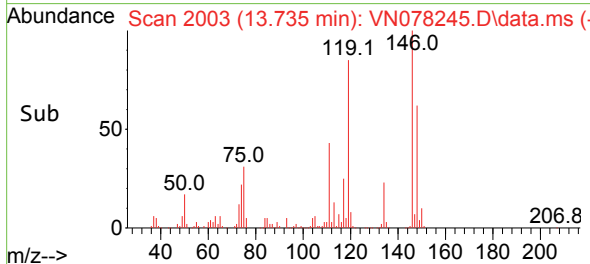
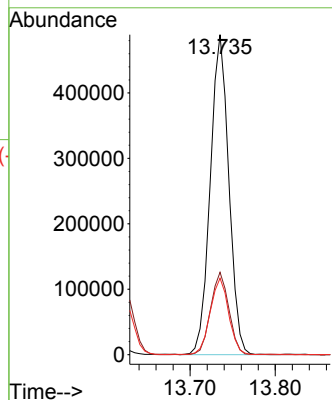
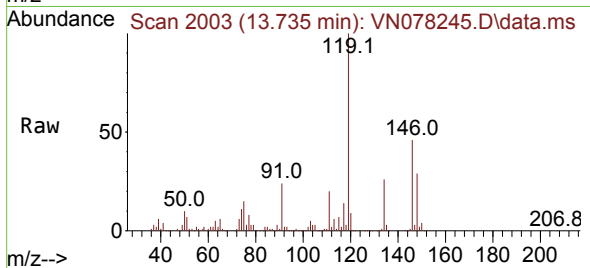
Tgt Ion:119 Resp: 741325

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 23.6 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 43.387 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

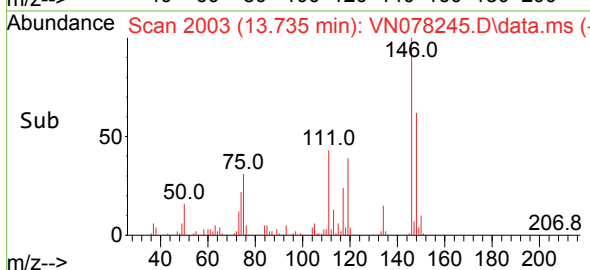
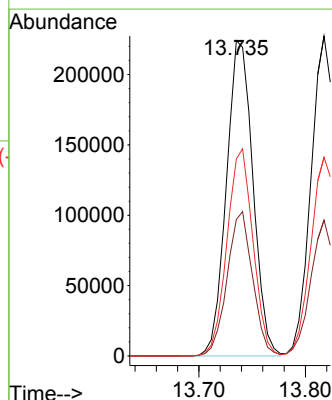
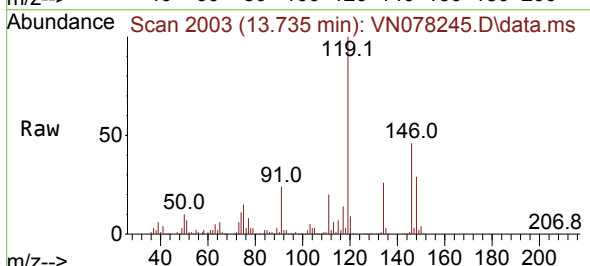
Tgt Ion:146 Resp: 388501

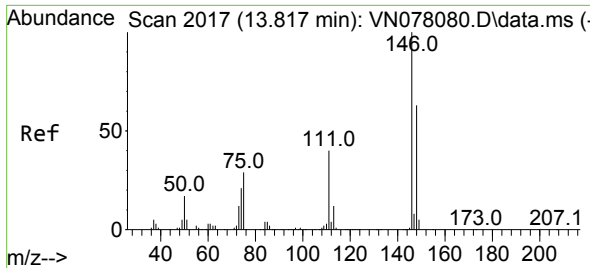
Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

148 64.4 32.0 96.0

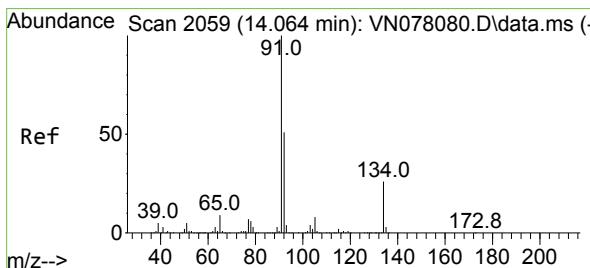
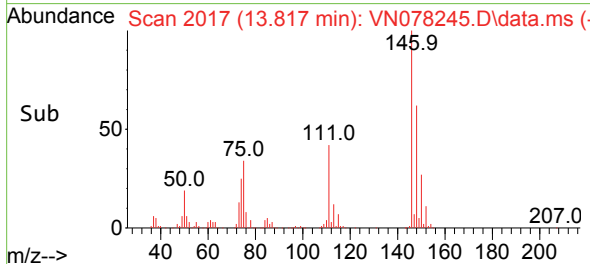
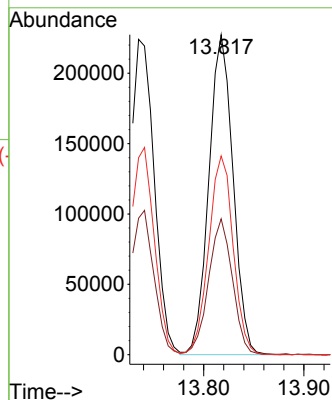
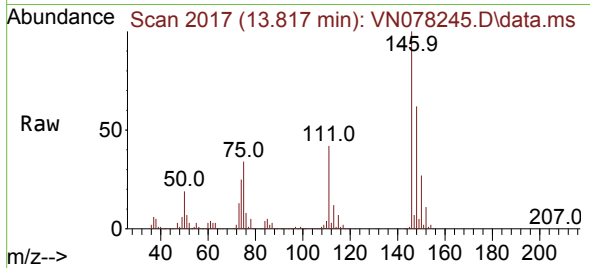




#88
1,4-Dichlorobenzene
Concen: 44.136 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

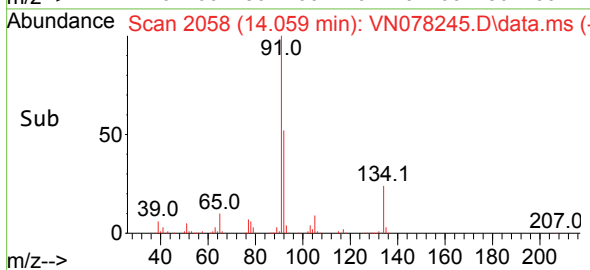
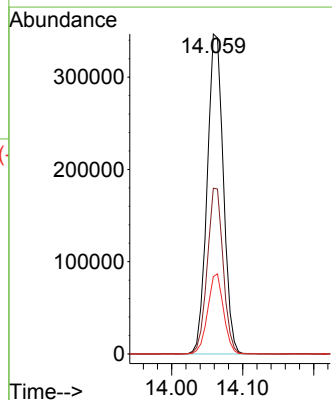
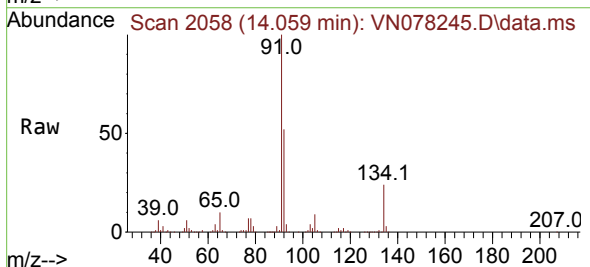
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-4S-06122023MSD

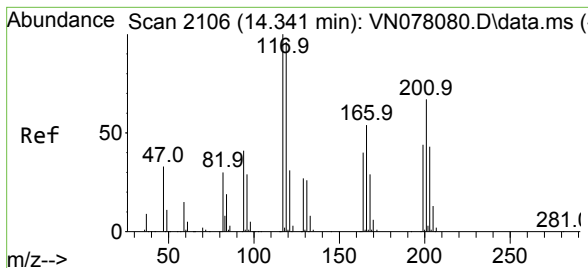
Tgt Ion:146 Resp: 381350
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 63.0 31.6 94.8



#89
n-Butylbenzene
Concen: 40.806 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078245.D
Acq: 15 Jun 2023 21:58

Tgt Ion: 91 Resp: 548637
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 24.7 12.6 37.6





#90

Hexachloroethane

Concen: 44.395 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

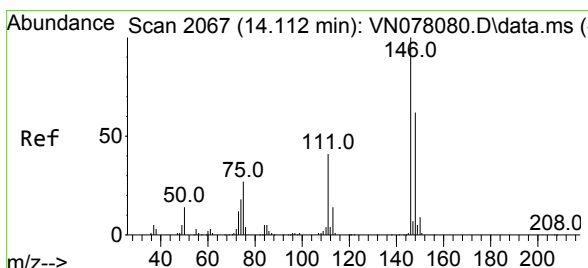
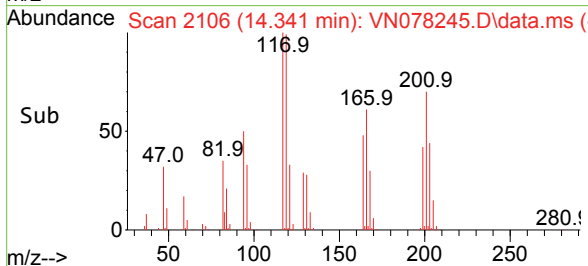
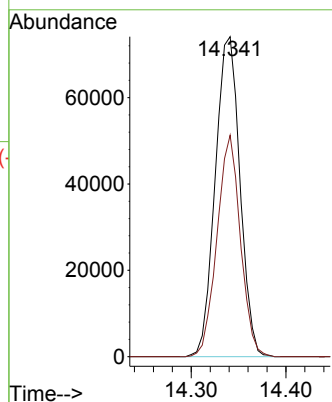
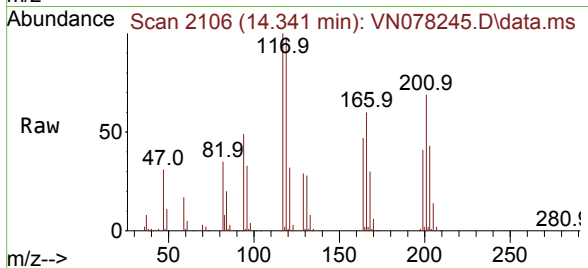
FSND-MW-EVAL-4S-06122023MSD

Tgt Ion:117 Resp: 134298

Ion Ratio Lower Upper

117 100

201 65.6 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 45.512 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

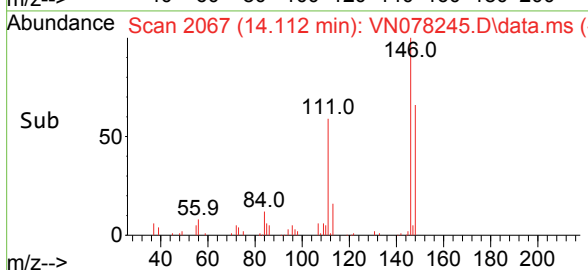
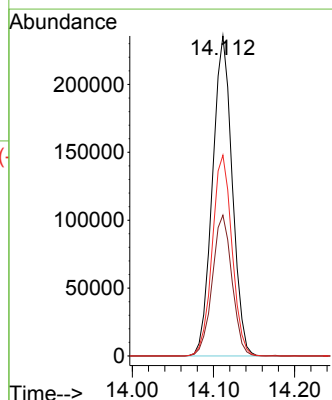
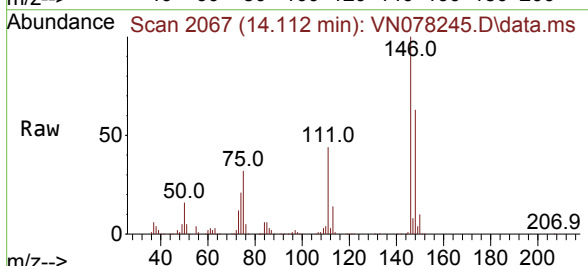
Tgt Ion:146 Resp: 398285

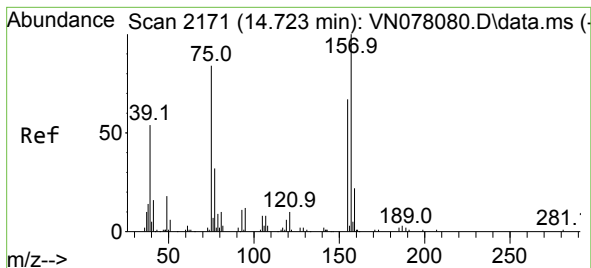
Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 62.7 31.8 95.3

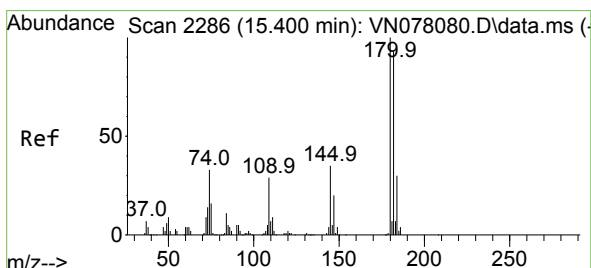
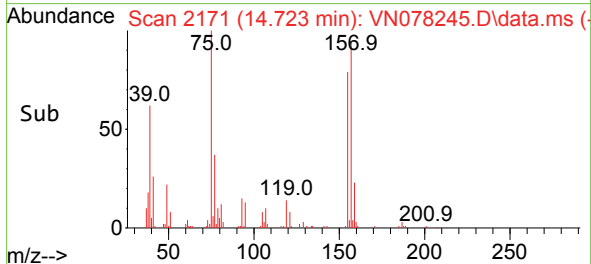
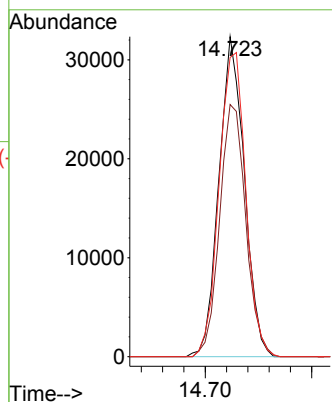
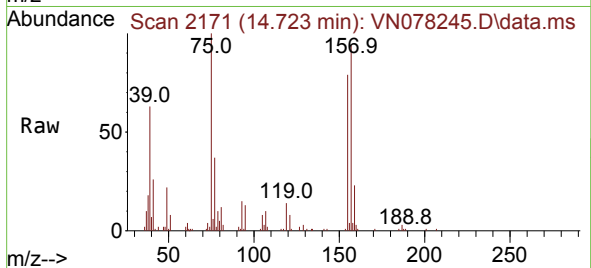




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.401 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

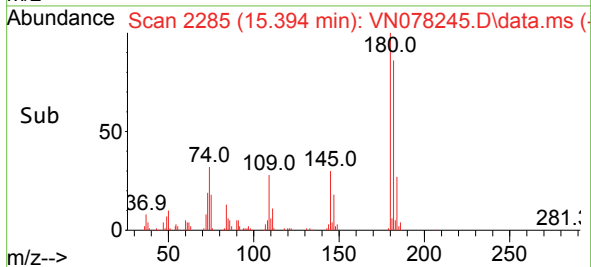
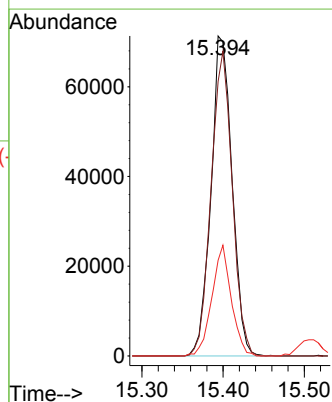
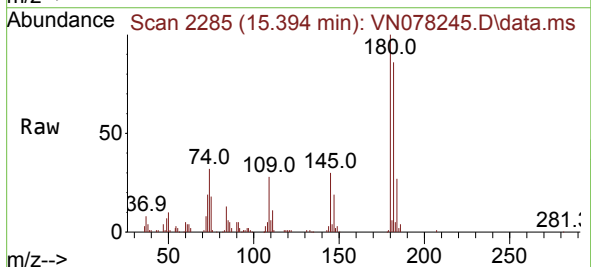
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD

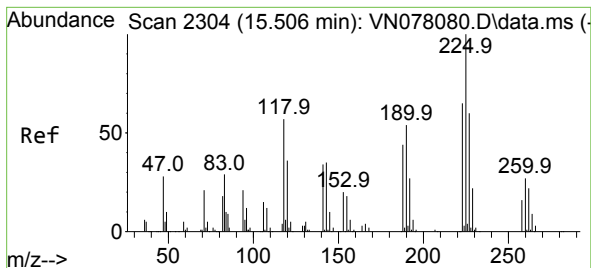
Tgt Ion: 75 Resp: 53541
 Ion Ratio Lower Upper
 75 100
 155 81.2 39.1 117.2
 157 99.7 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 41.294 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Tgt Ion: 180 Resp: 128755
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.1 138.2
 145 31.8 16.6 49.8





#94

Hexachlorobutadiene

Concen: 43.610 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078245.D

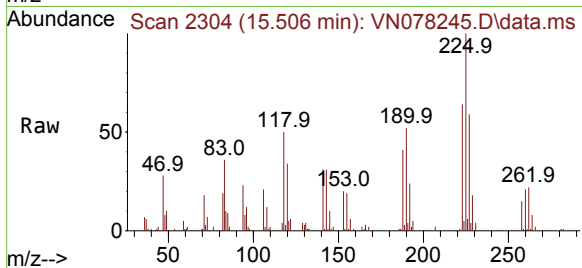
Acq: 15 Jun 2023 21:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-4S-06122023MSD



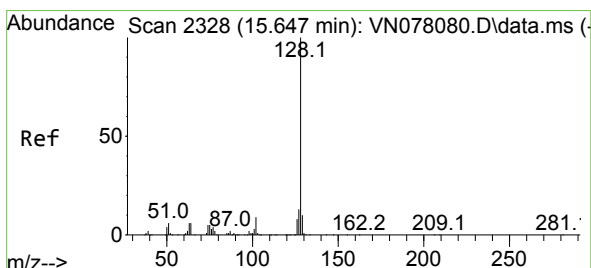
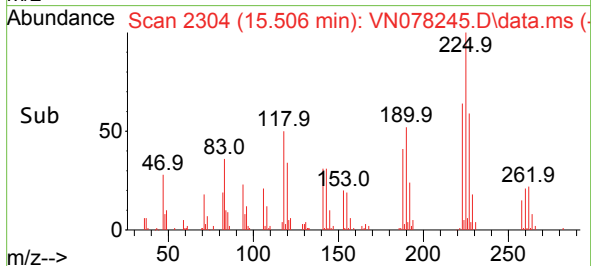
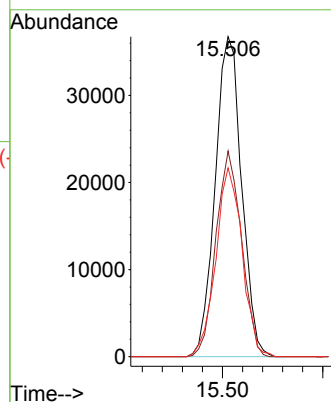
Tgt Ion:225 Resp: 67175

Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 58.8 31.9 95.9



#95

Naphthalene

Concen: 40.364 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078245.D

Acq: 15 Jun 2023 21:58

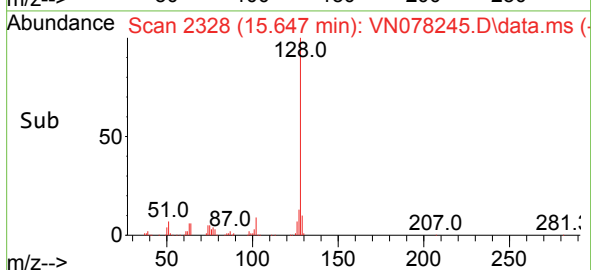
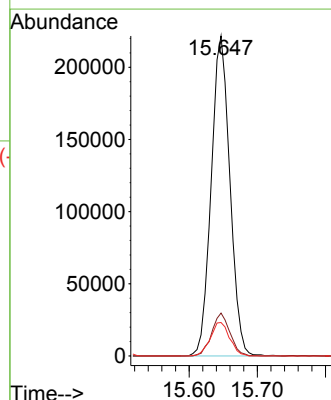
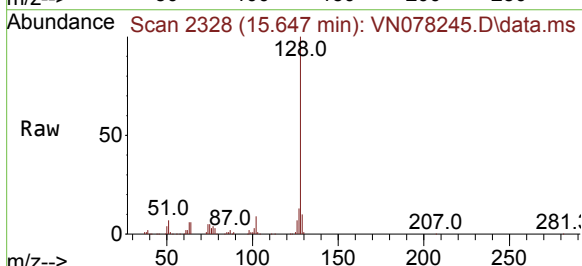
Tgt Ion:128 Resp: 423344

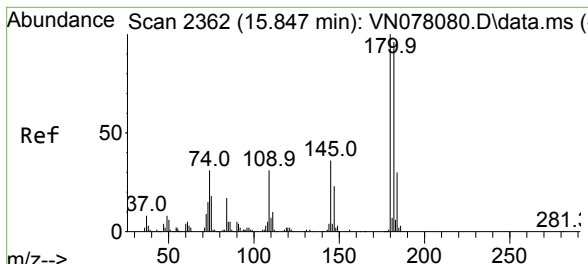
Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

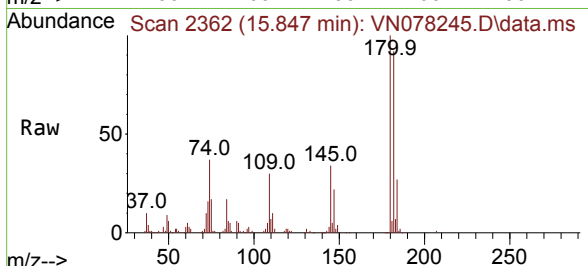
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 41.552 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078245.D
 Acq: 15 Jun 2023 21:58

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MSD



Tgt Ion:	180	Resp:	144900
Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.2	138.6
145	33.8	17.5	52.6

