

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079835.D
 Acq On : 03 Nov 2023 09:07
 Operator : JC\MD
 Sample : 05222-11MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD

Quant Time: Nov 03 09:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	252197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	459538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224874	58.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.060%	
35) Dibromofluoromethane	8.171	113	175061	53.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.640%	
50) Toluene-d8	10.571	98	609699	50.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.847	95	208204	52.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	157356	51.800	ug/l	97
3) Chloromethane	2.359	50	208881	55.589	ug/l	99
4) Vinyl Chloride	2.512	62	250610	63.024	ug/l	99
5) Bromomethane	2.953	94	151614	62.753	ug/l	98
6) Chloroethane	3.118	64	167547	53.325	ug/l	97
7) Trichlorofluoromethane	3.501	101	247231	49.988	ug/l	99
8) Diethyl Ether	3.959	74	105994	56.475	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	131381	45.824	ug/l	99
10) Methyl Iodide	4.589	142	179207	54.735	ug/l	99
11) Tert butyl alcohol	5.518	59	117628	239.819	ug/l	100
12) 1,1-Dichloroethene	4.342	96	138898	51.167	ug/l #	78
13) Acrolein	4.177	56	129278	375.207	ug/l	96
14) Allyl chloride	5.018	41	229229	55.132	ug/l	90
15) Acrylonitrile	5.718	53	457395	299.239	ug/l	99
16) Acetone	4.424	43	354512	262.670	ug/l	90
17) Carbon Disulfide	4.712	76	394870	50.428	ug/l	100
18) Methyl Acetate	5.024	43	335798	52.004	ug/l #	84
19) Methyl tert-butyl Ether	5.789	73	553571	59.230	ug/l	94
20) Methylene Chloride	5.277	84	189400	55.616	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	165358	54.617	ug/l #	78
22) Diisopropyl ether	6.671	45	619054	64.248	ug/l #	88
23) Vinyl Acetate	6.606	43	1492573	280.831	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	347978	59.418	ug/l	97
25) 2-Butanone	7.483	43	589454	298.251	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	207174	42.774	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	206717	57.080	ug/l	88
28) Bromochloromethane	7.812	49	182294	63.872	ug/l #	74
29) Tetrahydrofuran	7.836	42	397621	309.229	ug/l #	75
30) Chloroform	7.965	83	358152	56.301	ug/l	92
31) Cyclohexane	8.259	56	237618	46.801	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	287960	55.555	ug/l	93
36) 1,1-Dichloropropene	8.371	75	237812	51.210	ug/l	95
37) Ethyl Acetate	7.565	43	224003	52.595	ug/l #	90
38) Carbon Tetrachloride	8.365	117	239748	51.226	ug/l	97
39) Methylcyclohexane	9.606	83	195175	44.659	ug/l #	85
40) Benzene	8.606	78	763409	54.885	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	139389	61.632	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	292373	60.177	ug/l	97
43) Isopropyl Acetate	8.688	43	389030	52.086	ug/l #	91
44) Trichloroethene	9.353	130	178798	51.803	ug/l	99
45) 1,2-Dichloropropane	9.624	63	212159	59.686	ug/l	99
46) Dibromomethane	9.712	93	140393	57.844	ug/l	96
47) Bromodichloromethane	9.888	83	284289	54.922	ug/l	95
48) Methyl methacrylate	9.682	41	198887	60.793	ug/l #	80
49) 1,4-Dioxane	9.694	88	57250	990.353	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1271305	302.331	ug/l	89
52) Toluene	10.629	92	455132	55.194	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	282508	55.673	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	295708	53.464	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	191134	57.628	ug/l	96
56) Ethyl methacrylate	10.876	69	280394	59.269	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	340056	58.167	ug/l	99
59) 2-Hexanone	11.194	43	911612	283.389	ug/l	88
60) Dibromochloromethane	11.359	129	206233	58.091	ug/l	100
61) 1,2-Dibromoethane	11.471	107	187581	56.349	ug/l	99
64) Tetrachloroethene	11.106	164	137826	51.876	ug/l	98
65) Chlorobenzene	11.894	112	464080	52.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	182572	56.946	ug/l	98
67) Ethyl Benzene	11.965	91	825616	53.253	ug/l	95
68) m/p-Xylenes	12.071	106	619112	107.199	ug/l	94
69) o-Xylene	12.400	106	303019	54.487	ug/l	92
70) Styrene	12.412	104	514877	57.608	ug/l	97
71) Bromoform	12.582	173	132019	57.990	ug/l #	99
73) Isopropylbenzene	12.700	105	727991	50.191	ug/l	100
74) N-amyl acetate	12.494	43	313084	49.453	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	273794	53.240	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	332973	74.212	ug/l	70
77) Bromobenzene	12.982	156	189474	53.357	ug/l	95
78) n-propylbenzene	13.035	91	866282	52.155	ug/l	97
79) 2-Chlorotoluene	13.123	91	542525	51.130	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	603258	53.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	75118	45.551	ug/l #	83
82) 4-Chlorotoluene	13.223	91	539810	51.196	ug/l	99
83) tert-Butylbenzene	13.441	119	494623	53.547	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	609772	54.921	ug/l	98
85) sec-Butylbenzene	13.617	105	667459	52.154	ug/l	100
86) p-Isopropyltoluene	13.729	119	555866	53.274	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	332001	50.258	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	327515	48.845	ug/l	99
89) n-Butylbenzene	14.059	91	457872	50.949	ug/l	98
90) Hexachloroethane	14.335	117	104360	50.503	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	328443	52.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47971	55.006	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	152085	51.291	ug/l	96
94) Hexachlorobutadiene	15.500	225	61314	45.614	ug/l	97
95) Naphthalene	15.641	128	491186	48.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	152707	52.539	ug/l	98

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

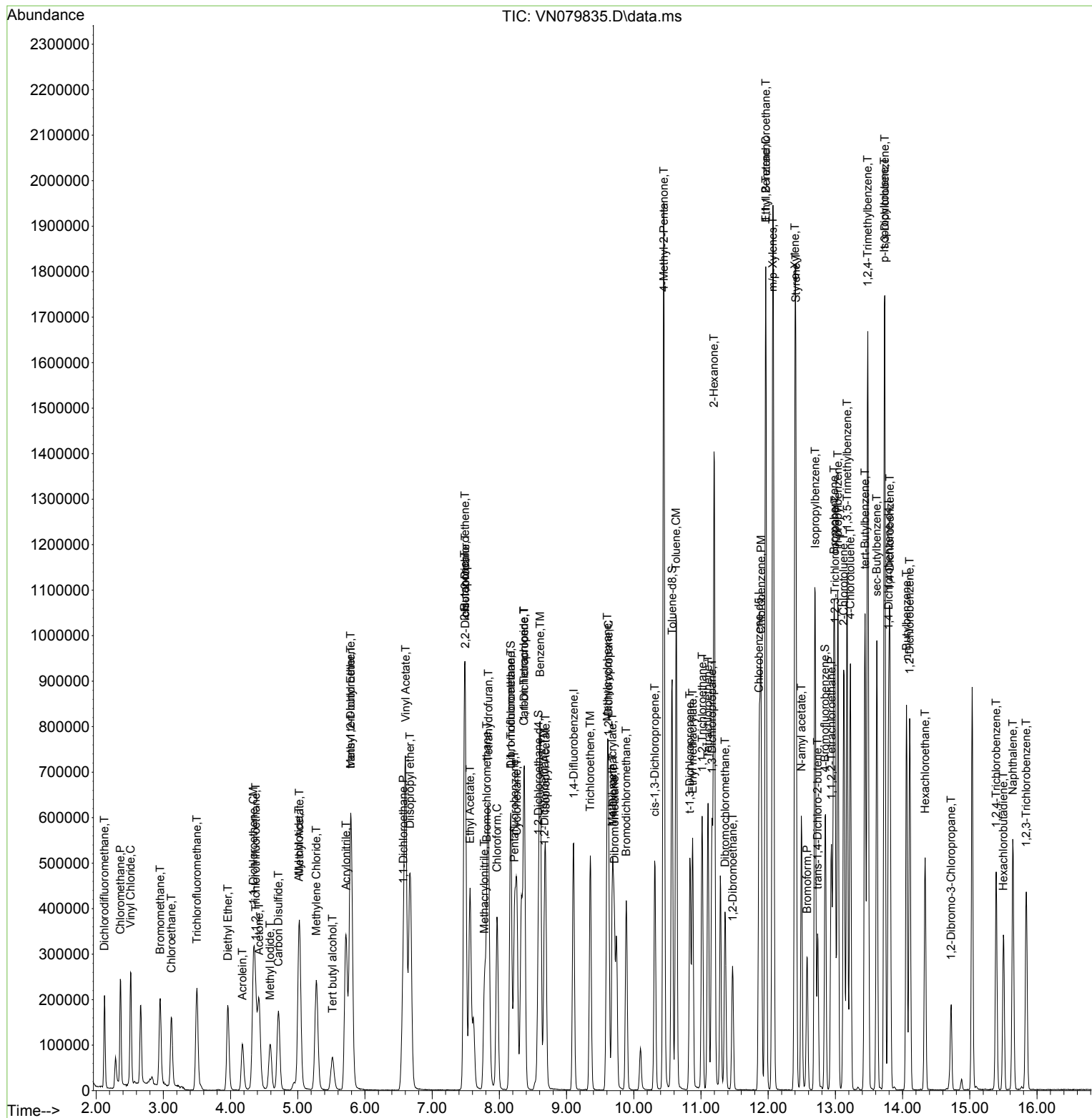
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

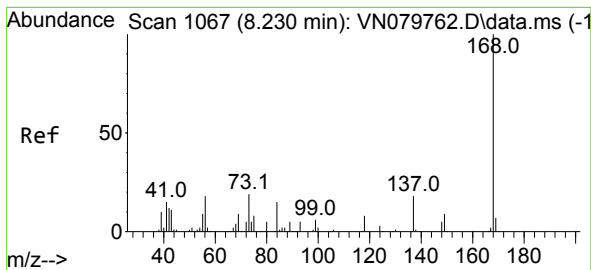
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN079835.D

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Instrument :

MSVOA_N

ClientSampleId :

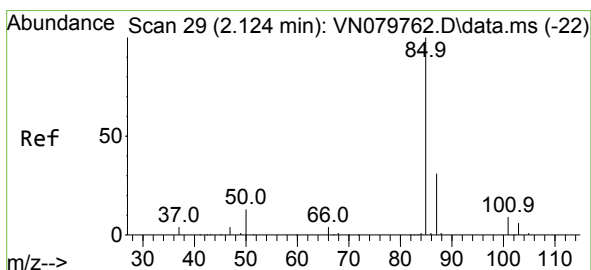
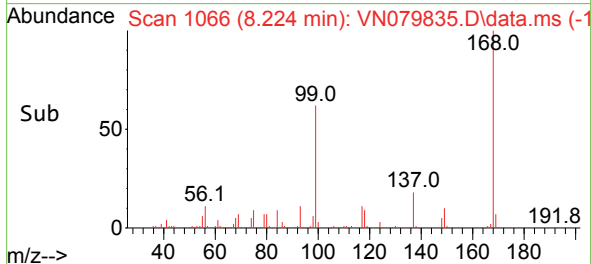
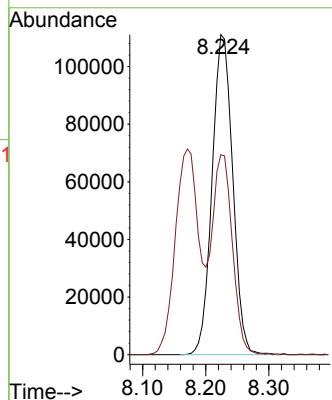
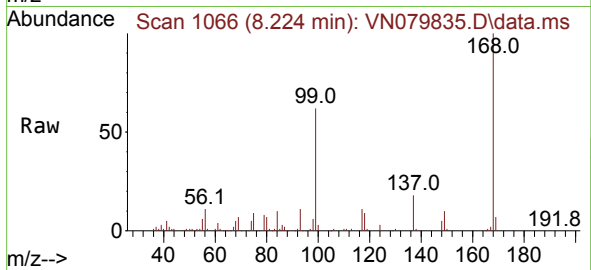
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion:168 Resp: 252197

Ion Ratio Lower Upper

168 100

99 62.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 51.800 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079835.D

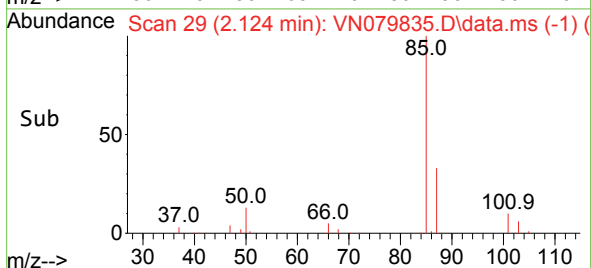
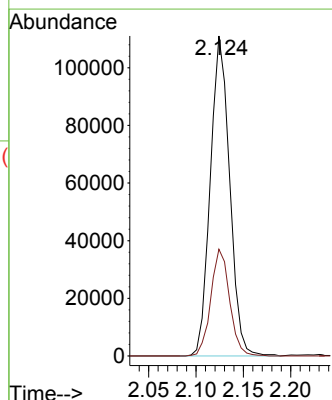
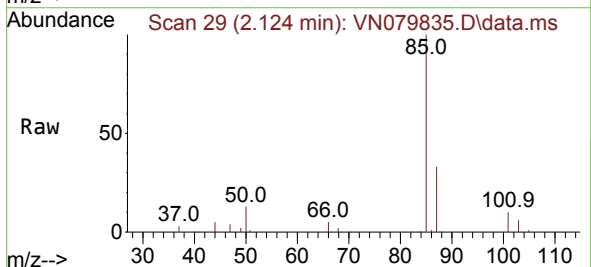
Acq: 03 Nov 2023 09:07

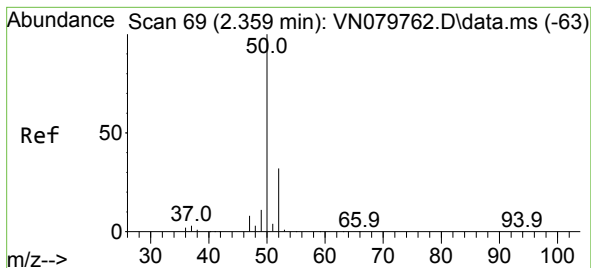
Tgt Ion: 85 Resp: 157356

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4





#3

Chloromethane

Concen: 55.589 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

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ClientSampleId :

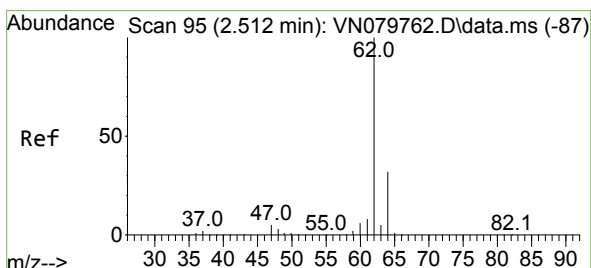
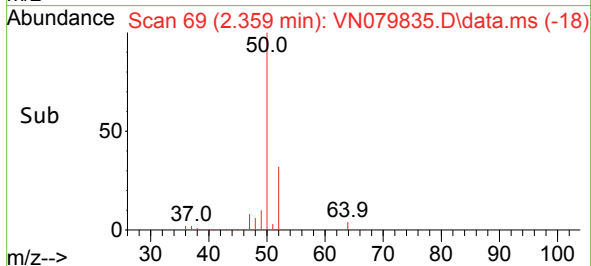
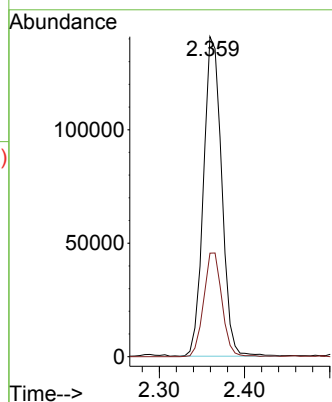
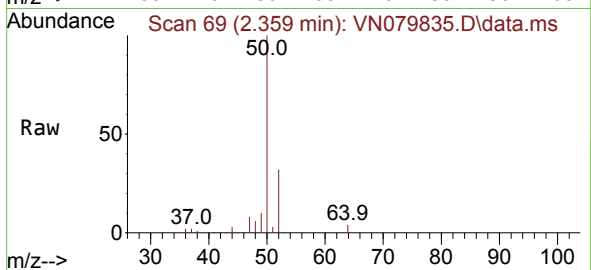
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 50 Resp: 208881

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 63.024 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079835.D

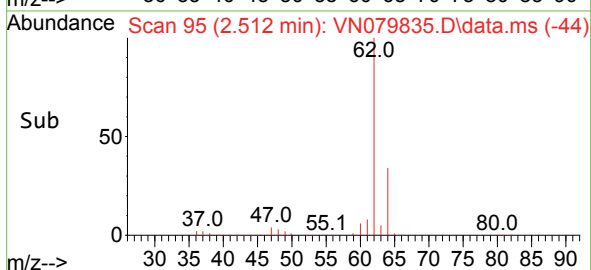
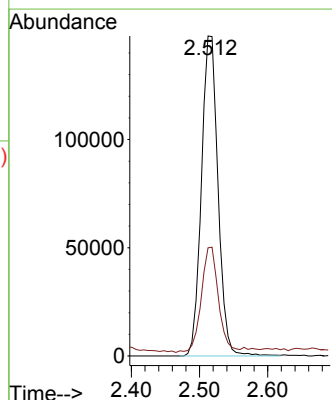
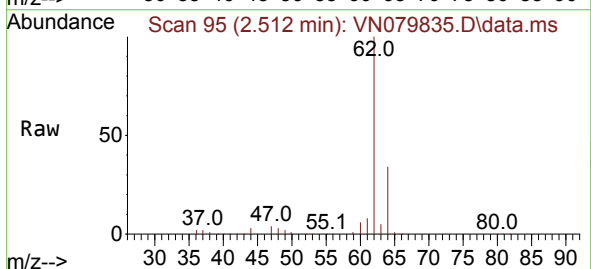
Acq: 03 Nov 2023 09:07

Tgt Ion: 62 Resp: 250610

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2

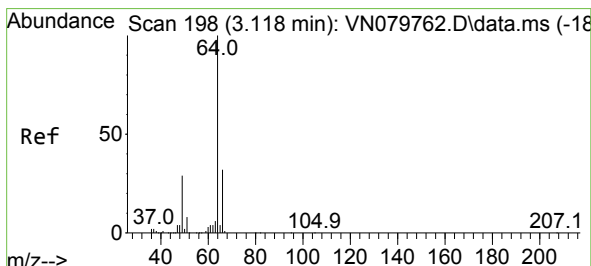
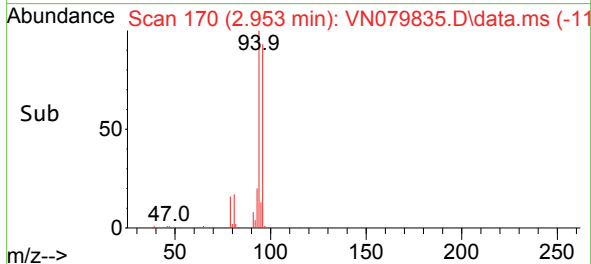
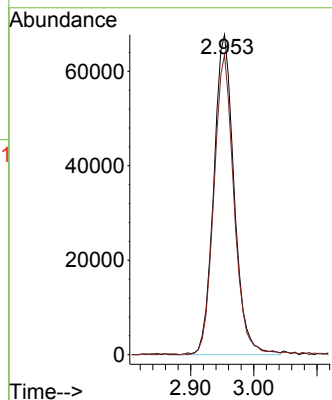
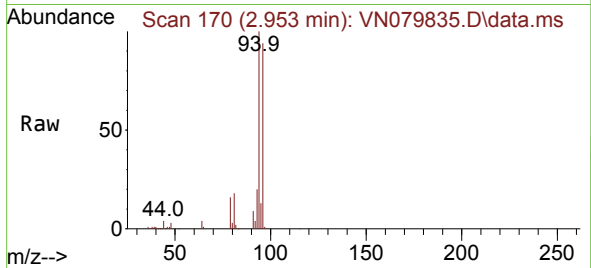




#5
Bromomethane
Concen: 62.753 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

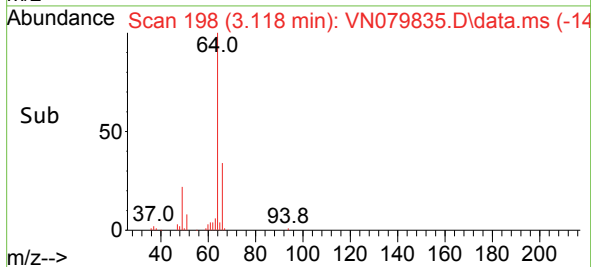
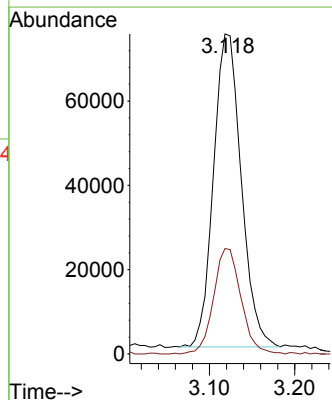
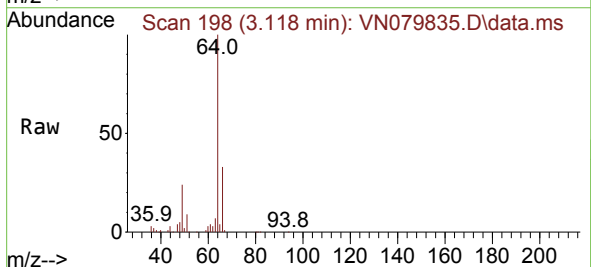
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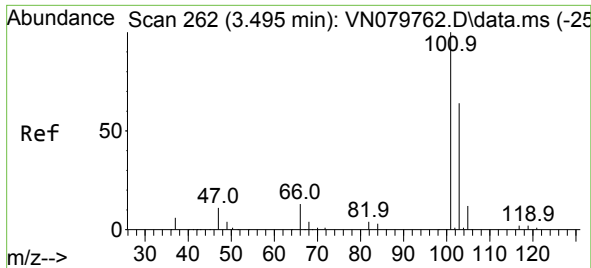
Tgt Ion: 94 Resp: 151614
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7



#6
Chloroethane
Concen: 53.325 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 64 Resp: 167547
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2

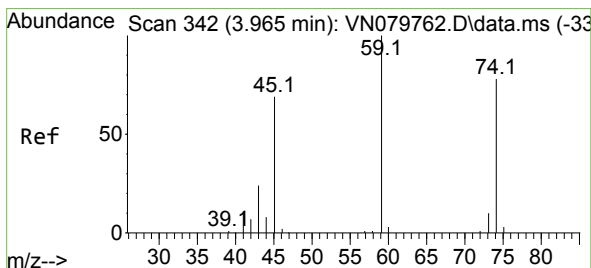
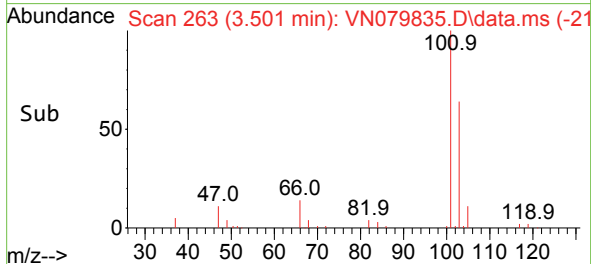
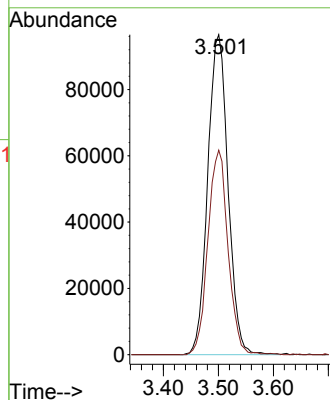
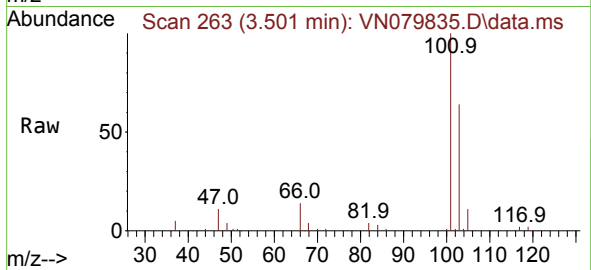




#7
Trichlorofluoromethane
Concen: 49.988 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

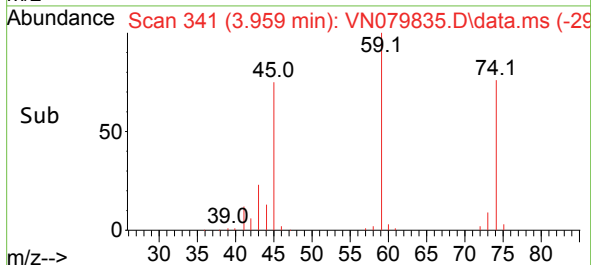
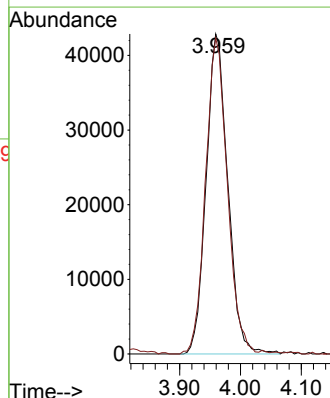
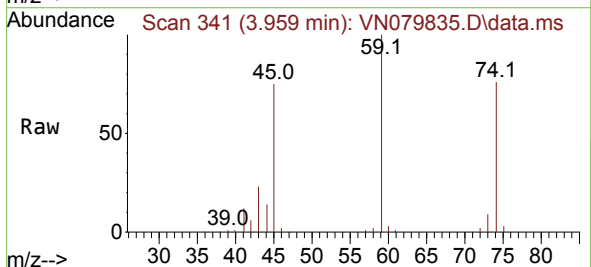
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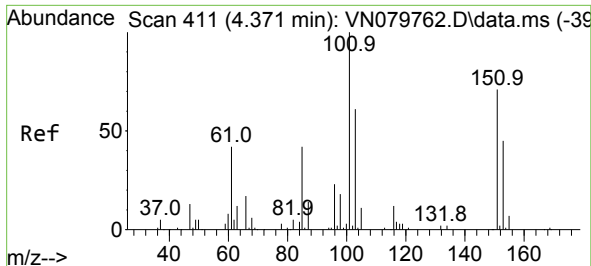
Tgt Ion:101 Resp: 247231
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1



#8
Diethyl Ether
Concen: 56.475 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 74 Resp: 105994
Ion Ratio Lower Upper
74 100
45 99.2 34.4 103.3

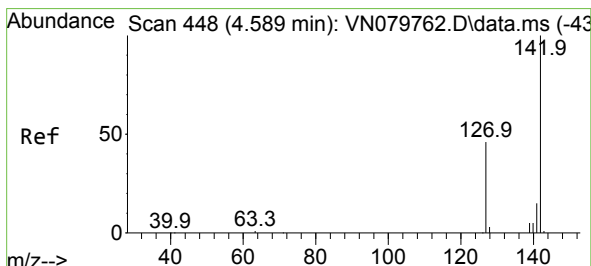
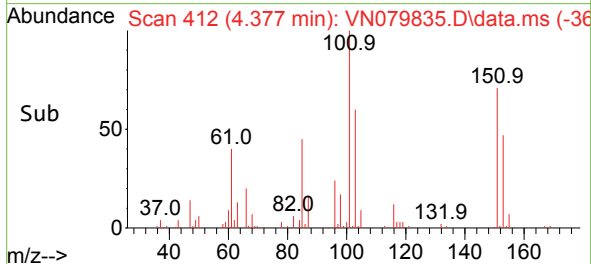
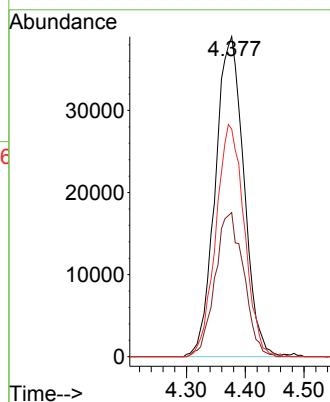
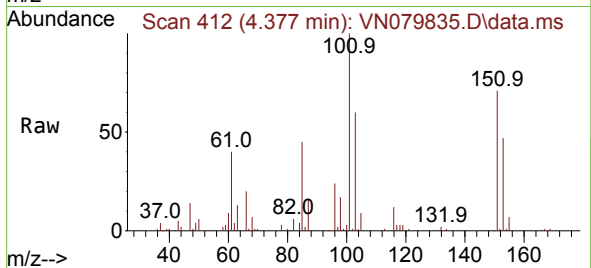




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.824 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

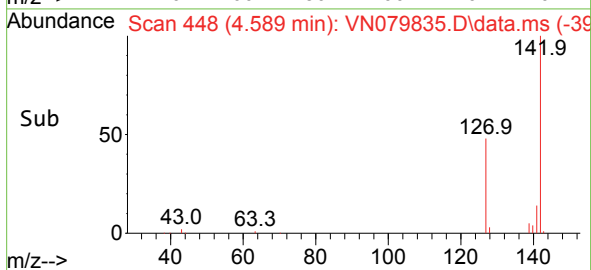
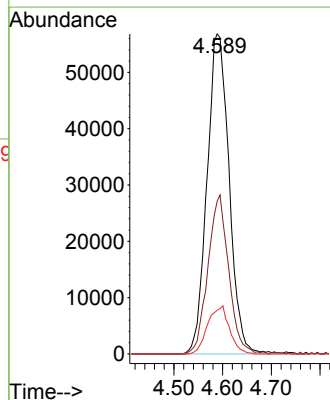
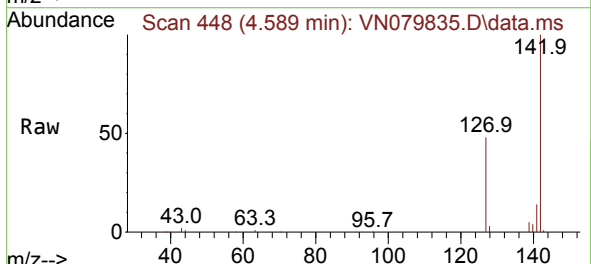
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

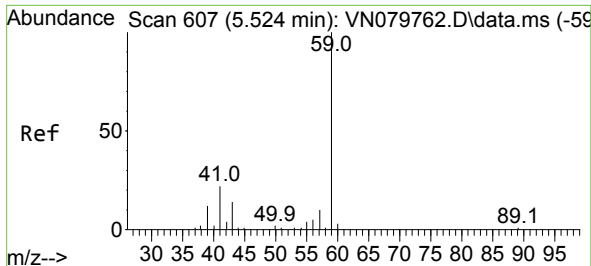
Tgt Ion:101 Resp: 131381
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 72.2 57.6 86.4



#10
Methyl Iodide
Concen: 54.735 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:142 Resp: 179207
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 13.6 11.4 17.0

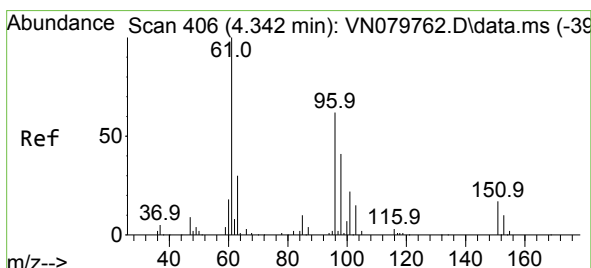
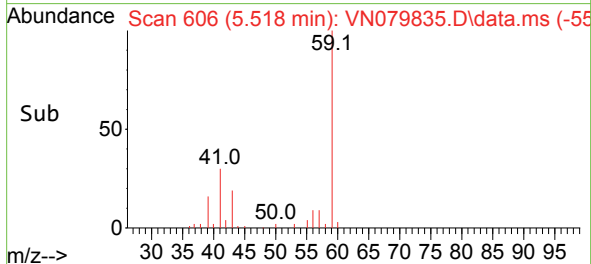
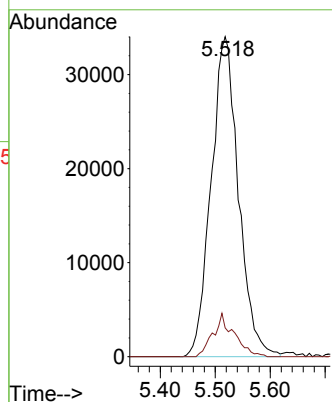
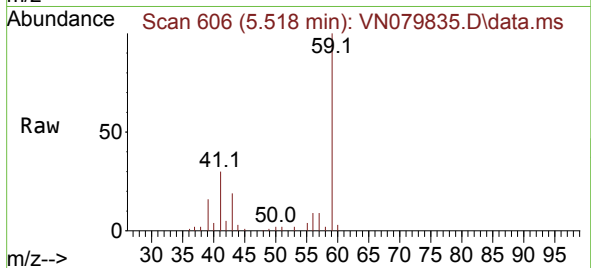




#11
Tert butyl alcohol
Concen: 239.819 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

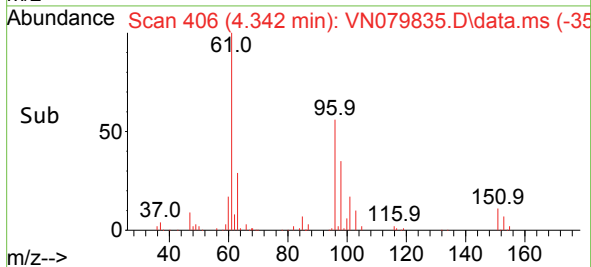
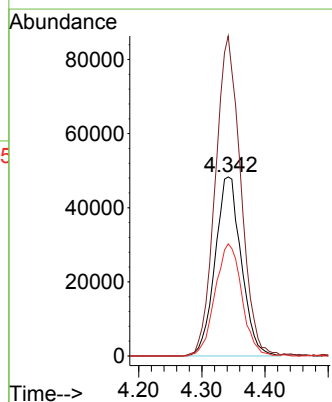
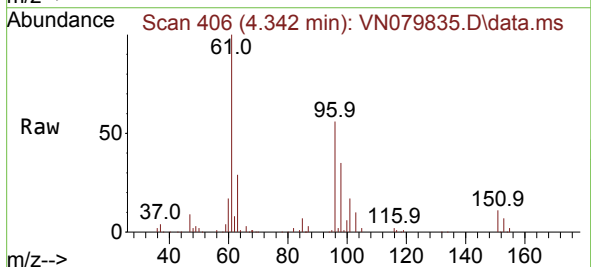
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

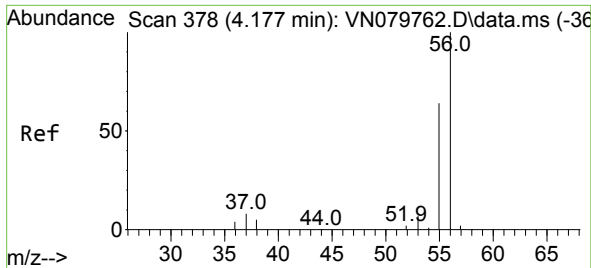
Tgt Ion: 59 Resp: 117628
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.167 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 96 Resp: 138898
Ion Ratio Lower Upper
96 100
61 178.6 112.7 169.1#
98 62.7 51.2 76.8

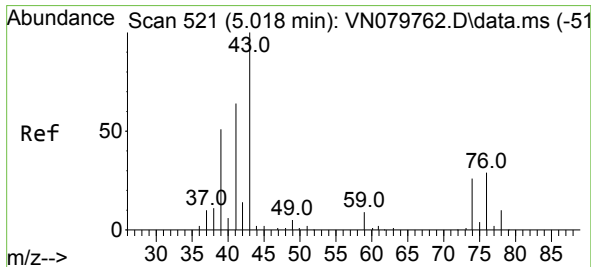
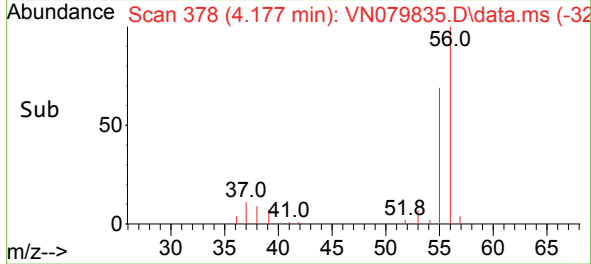
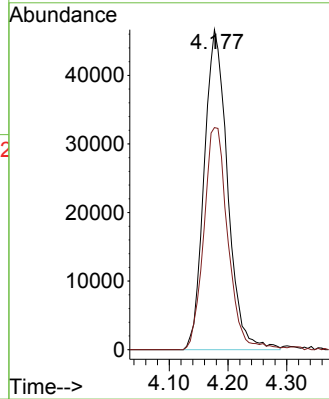
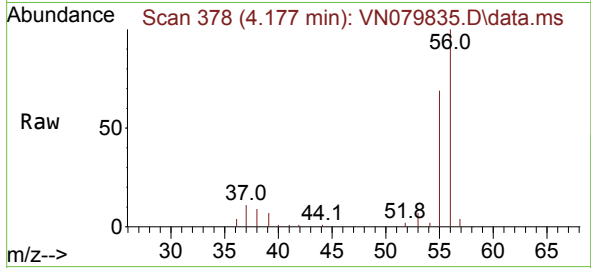




#13
Acrolein
Concen: 375.207 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

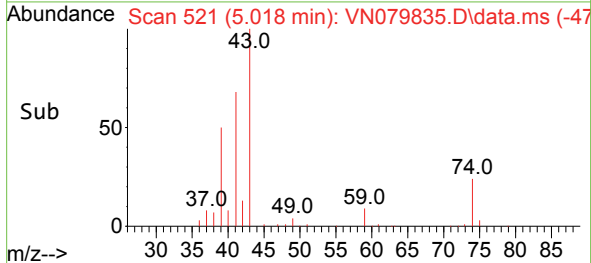
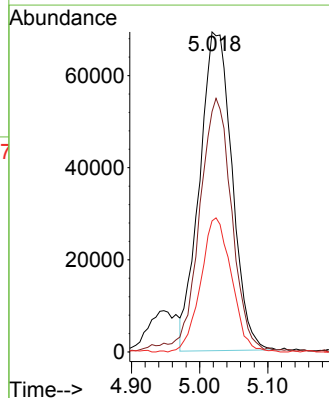
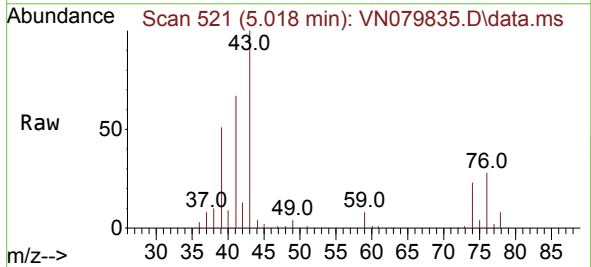
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

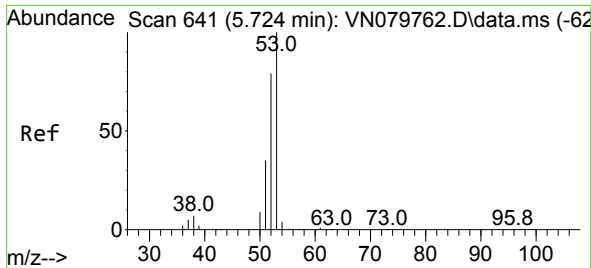
Tgt Ion: 56 Resp: 129278
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7



#14
Allyl chloride
Concen: 55.132 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 41 Resp: 229229
Ion Ratio Lower Upper
41 100
39 80.5 58.8 88.2
76 39.9 39.1 58.7

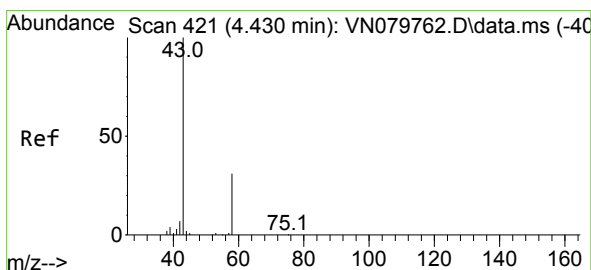
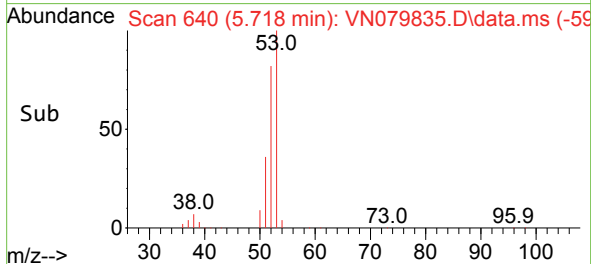
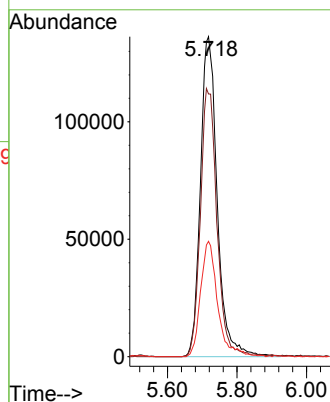
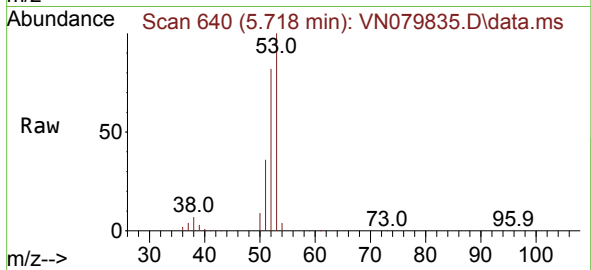




#15
Acrylonitrile
Concen: 299.239 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

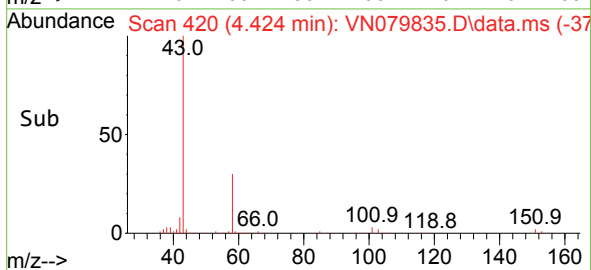
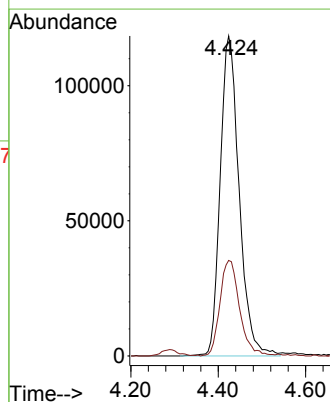
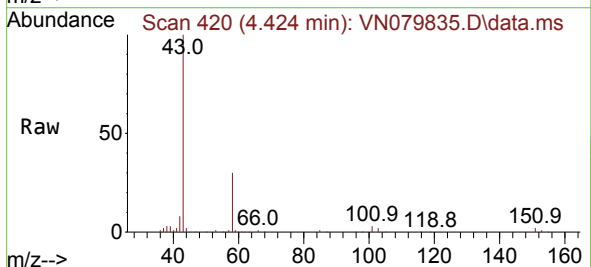
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

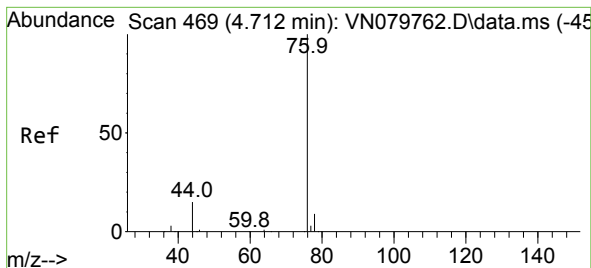
Tgt Ion: 53 Resp: 457395
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 262.670 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 43 Resp: 354512
Ion Ratio Lower Upper
43 100
58 29.4 28.0 42.0





#17

Carbon Disulfide

Concen: 50.428 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

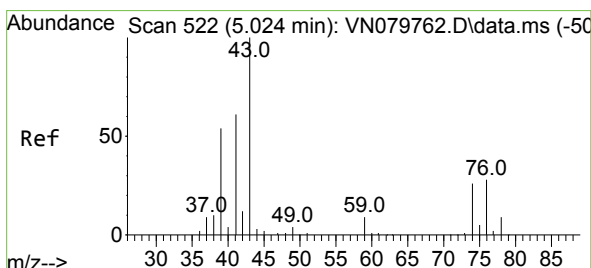
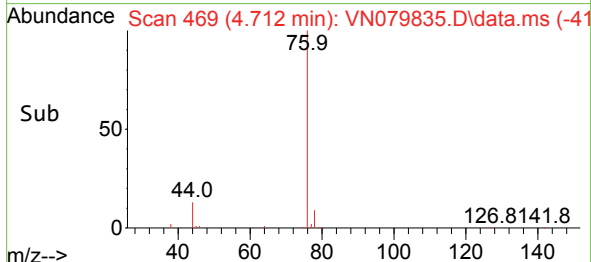
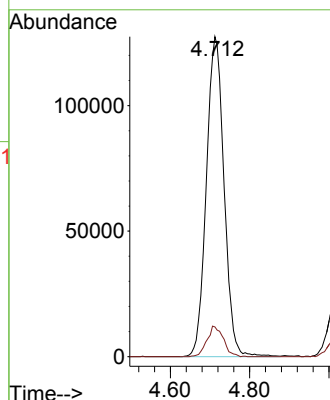
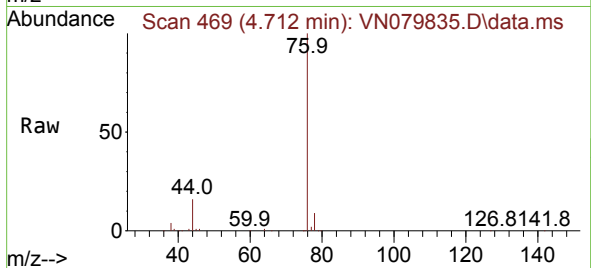
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 76 Resp: 394870

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 52.004 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079835.D

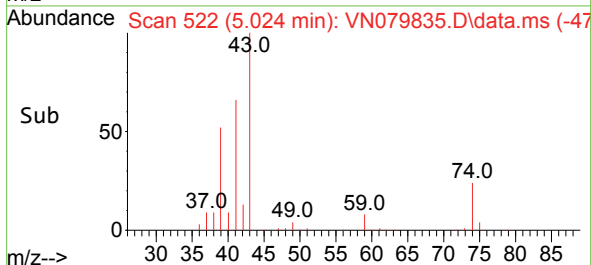
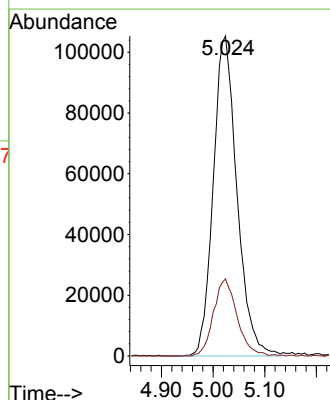
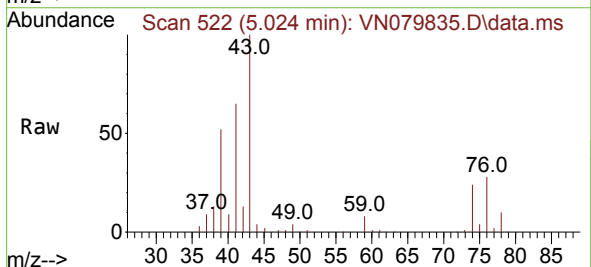
Acq: 03 Nov 2023 09:07

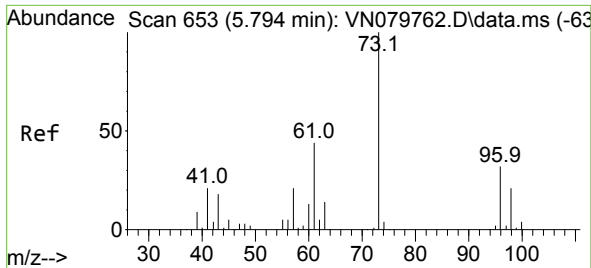
Tgt Ion: 43 Resp: 335798

Ion Ratio Lower Upper

43 100

74 23.9 26.2 39.4#

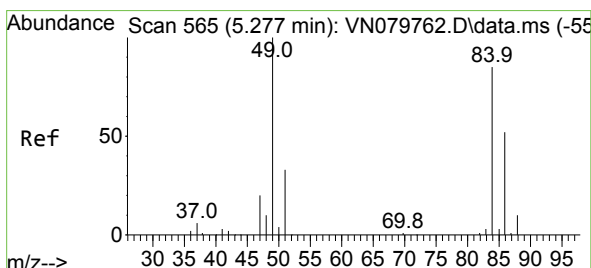
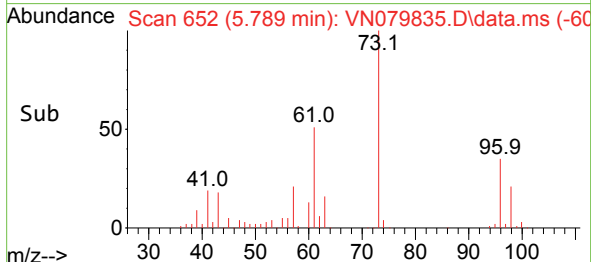
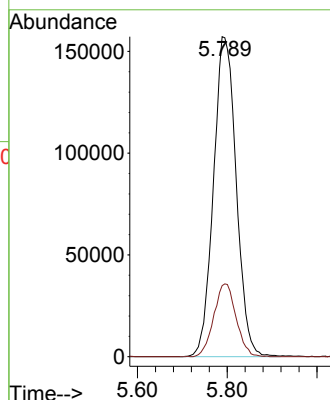
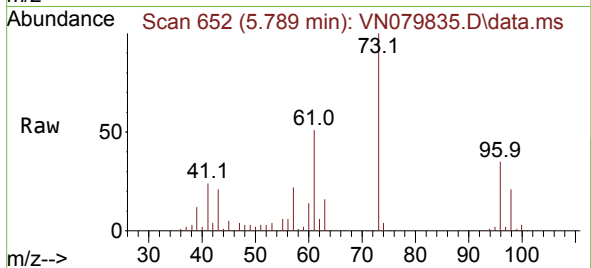




#19
Methyl tert-butyl Ether
Concen: 59.230 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

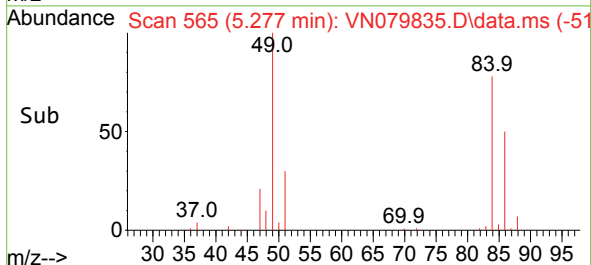
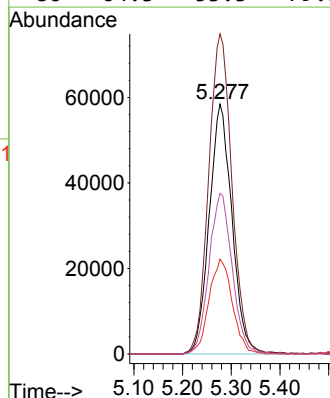
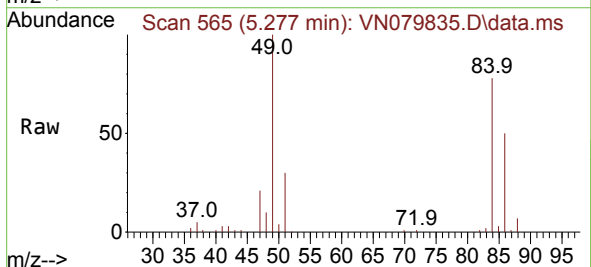
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

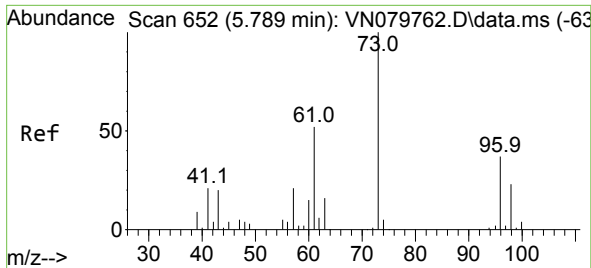
Tgt Ion: 73 Resp: 553571
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 55.616 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 84 Resp: 189400
Ion Ratio Lower Upper
84 100
49 128.1 79.7 119.5#
51 38.0 25.2 37.8#
86 64.3 53.3 79.9

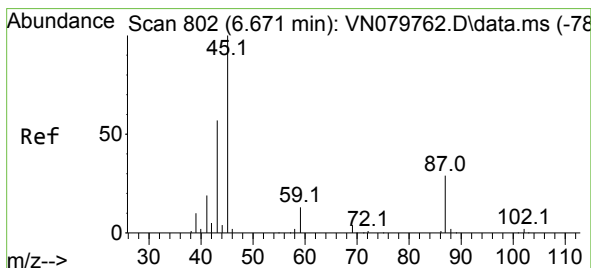
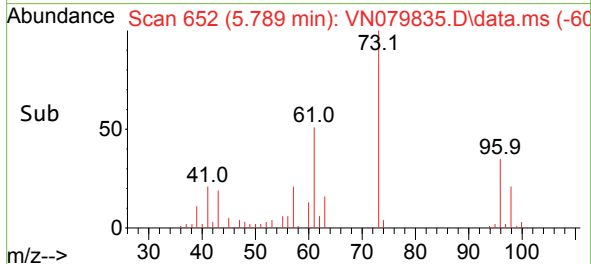
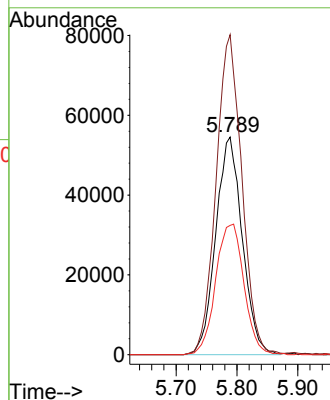
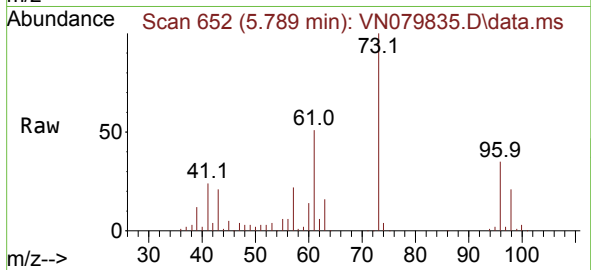




#21
trans-1,2-Dichloroethene
Concen: 54.617 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

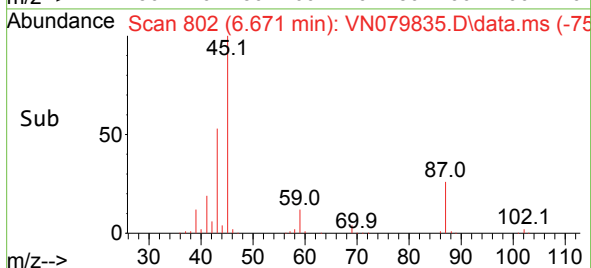
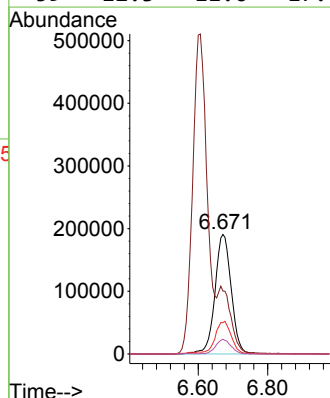
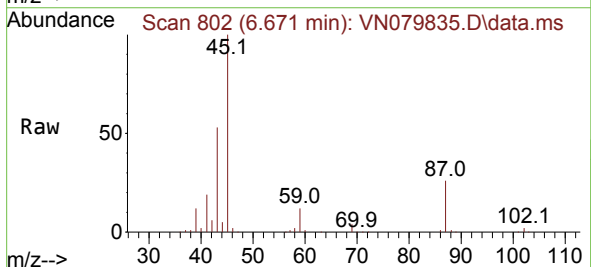
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

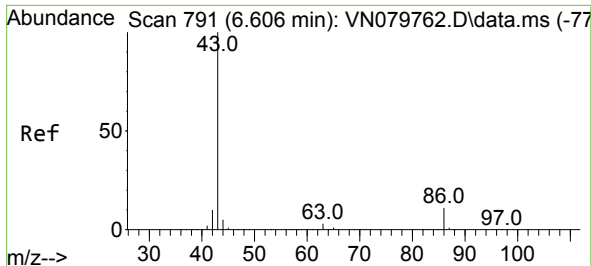
Tgt Ion: 96 Resp: 165358
Ion Ratio Lower Upper
96 100
61 147.1 90.1 135.1#
98 59.4 46.4 69.6



#22
Diisopropyl ether
Concen: 64.248 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 45 Resp: 619054
Ion Ratio Lower Upper
45 100
43 52.2 45.5 68.3
87 26.2 31.8 47.8#
59 12.3 11.6 17.4

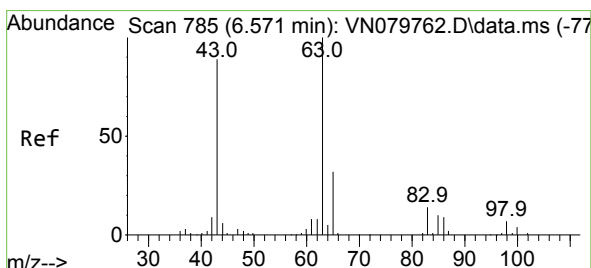
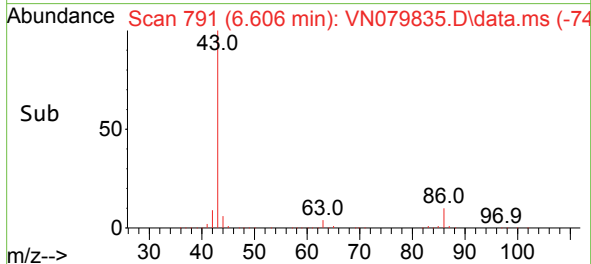
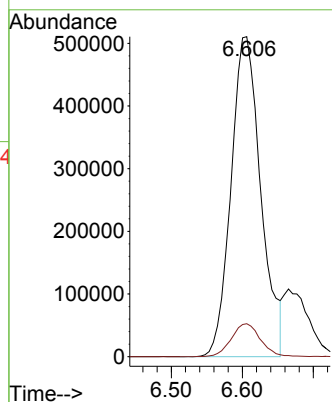
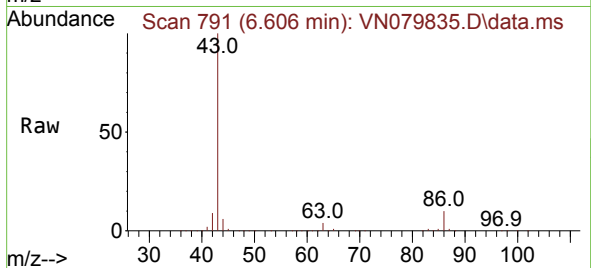




#23
 Vinyl Acetate
 Concen: 280.831 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

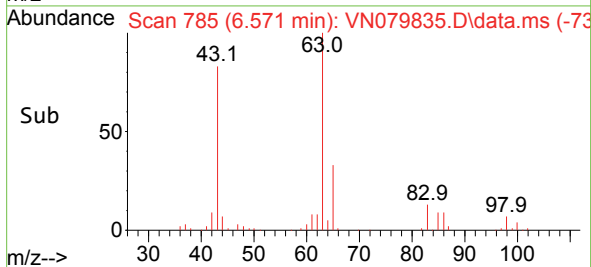
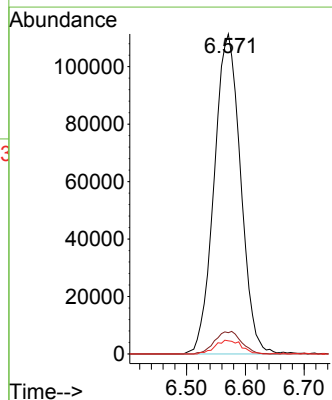
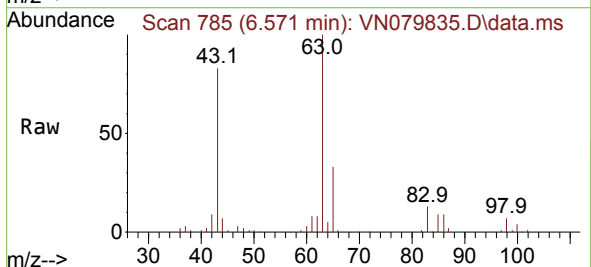
Instrument :
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 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD

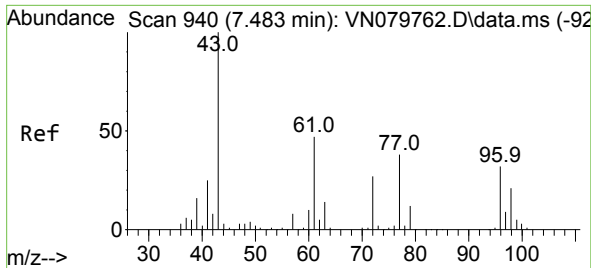
Tgt Ion: 43 Resp: 1492573
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 59.418 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion: 63 Resp: 347978
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.1 2.5 7.4

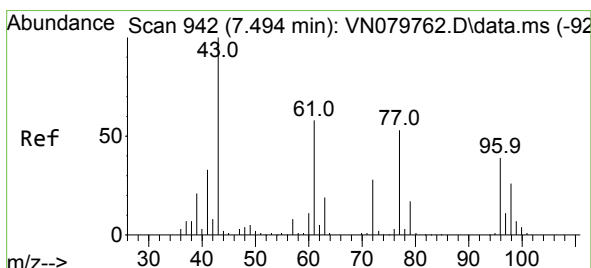
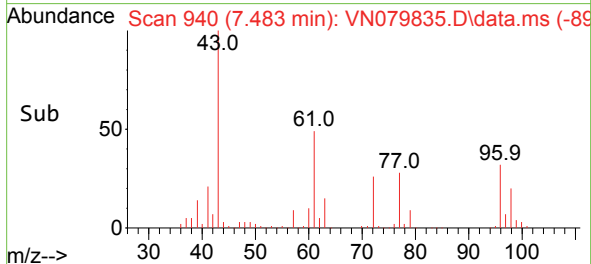
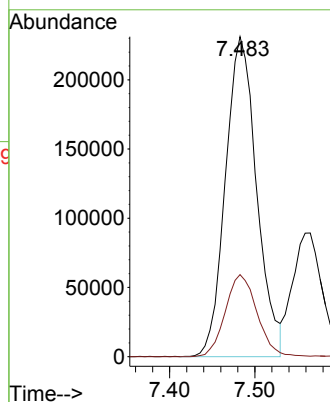
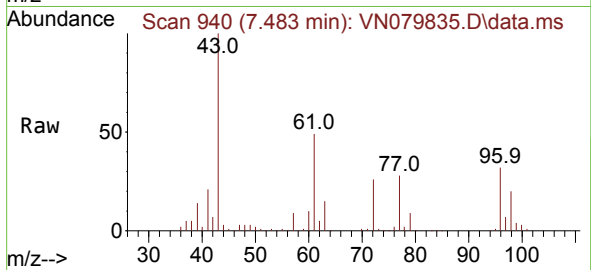




#25
2-Butanone
Concen: 298.251 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

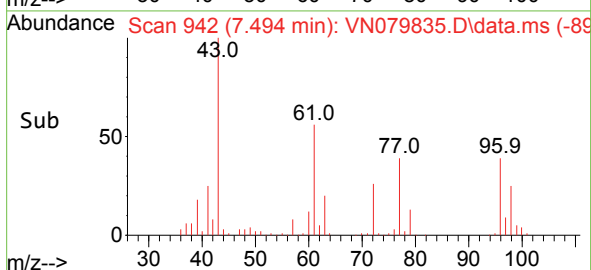
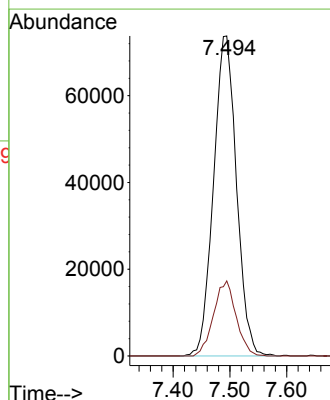
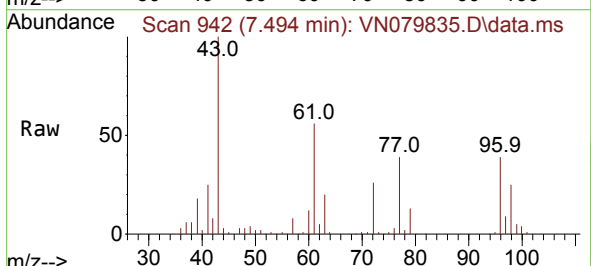
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 43 Resp: 589454
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 42.774 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 77 Resp: 207174
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6



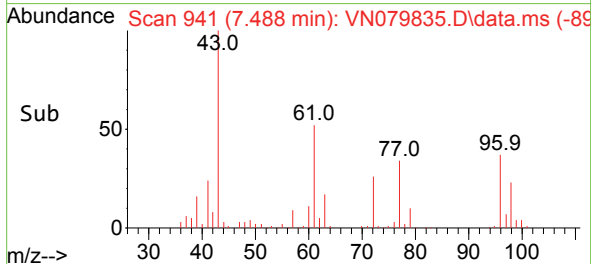
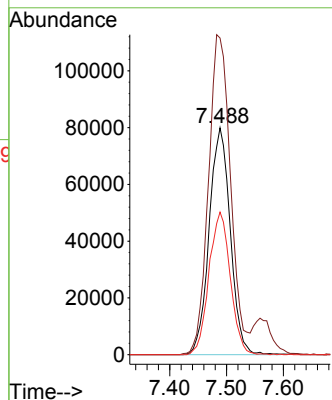
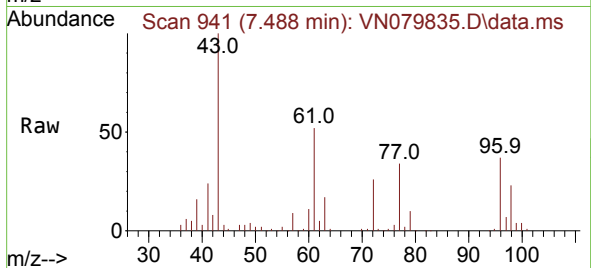


#27
 cis-1,2-Dichloroethene
 Concen: 57.080 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 96 Resp: 206717

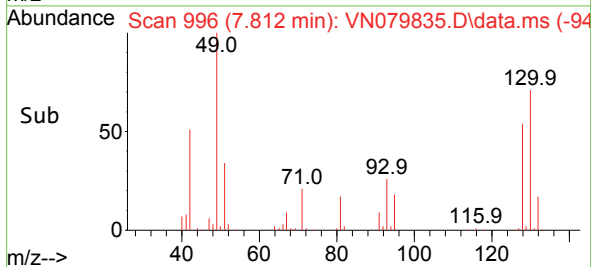
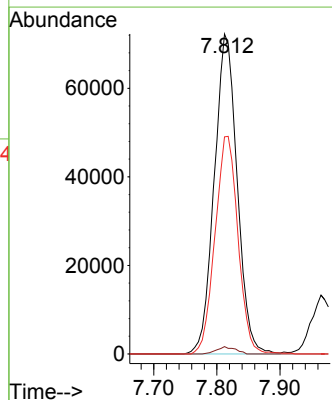
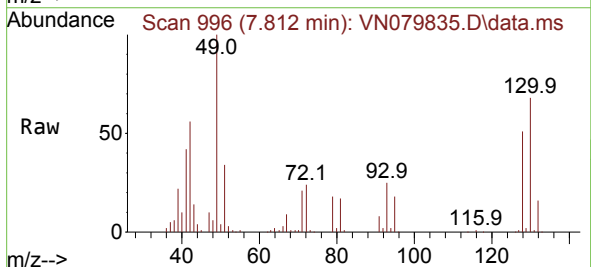
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	255.2
98	63.4	0.0	128.8

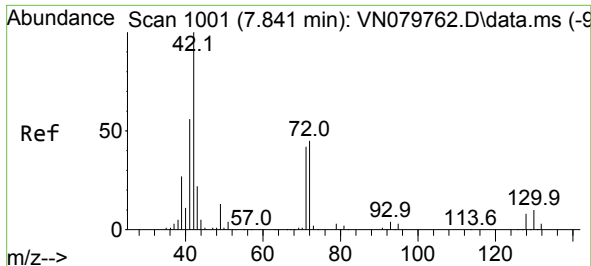


#28
 Bromochloromethane
 Concen: 63.872 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion: 49 Resp: 182294

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	68.2	75.3	112.9#





#29

Tetrahydrofuran

Concen: 309.229 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079835.D

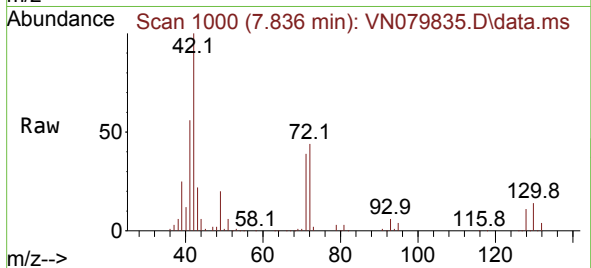
Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD



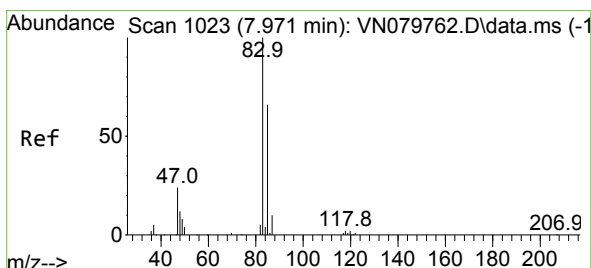
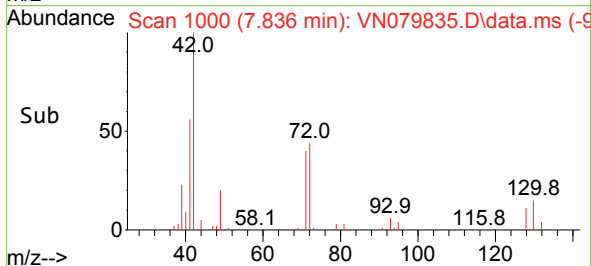
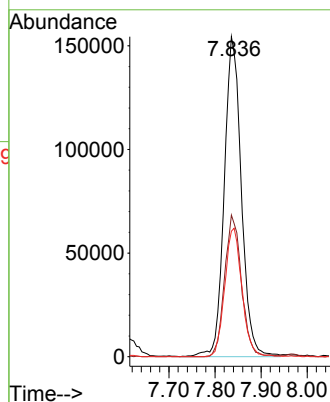
Tgt Ion: 42 Resp: 397621

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6#

71 40.3 47.4 71.2#



#30

Chloroform

Concen: 56.301 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079835.D

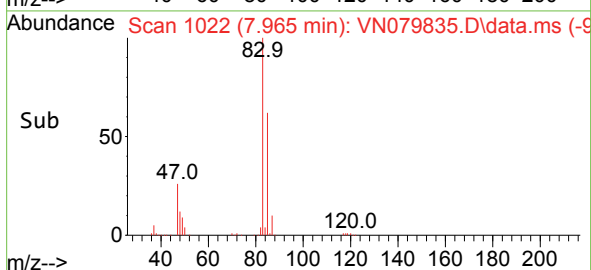
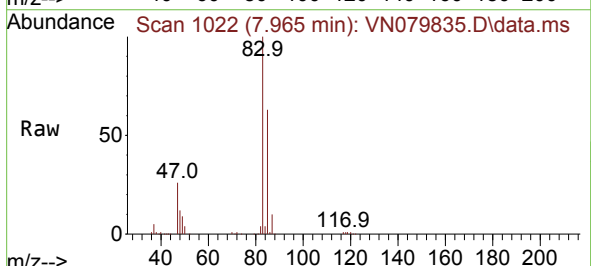
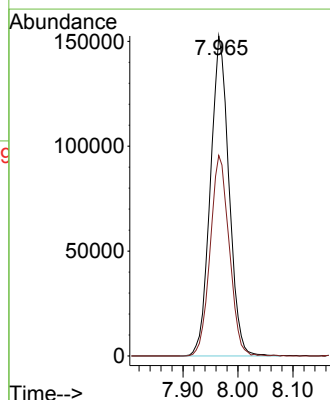
Acq: 03 Nov 2023 09:07

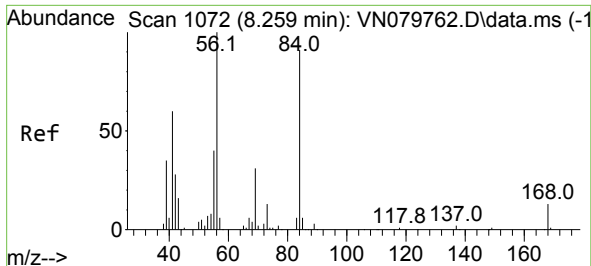
Tgt Ion: 83 Resp: 358152

Ion Ratio Lower Upper

83 100

85 62.6 55.4 83.0

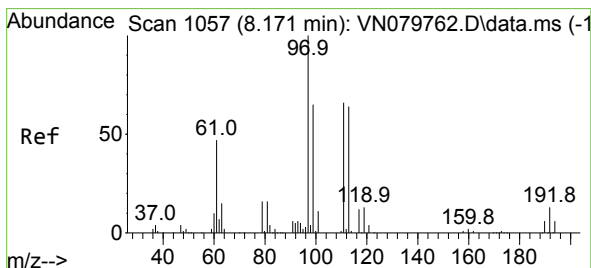
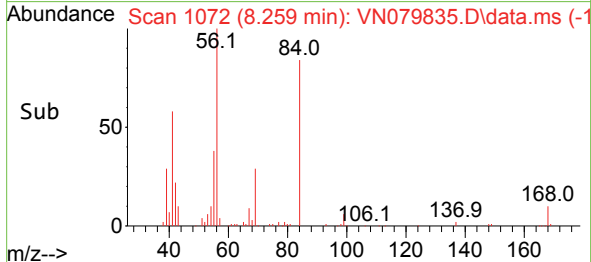
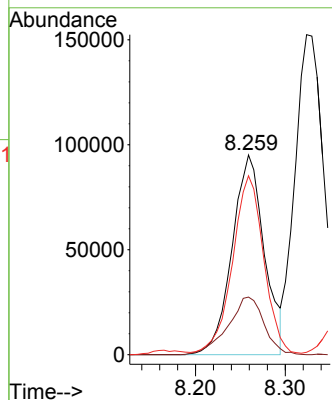
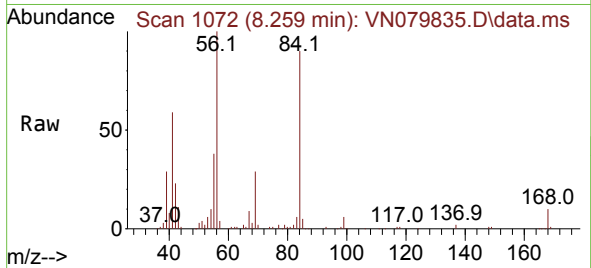




#31
Cyclohexane
Concen: 46.801 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

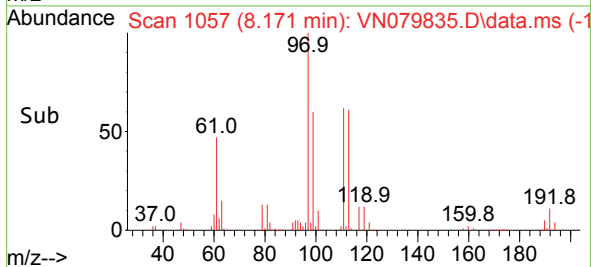
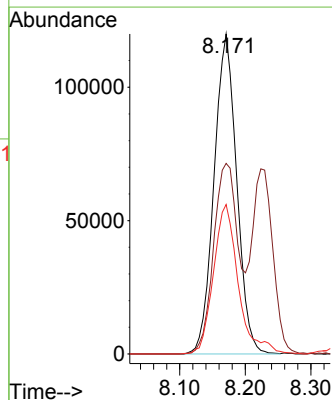
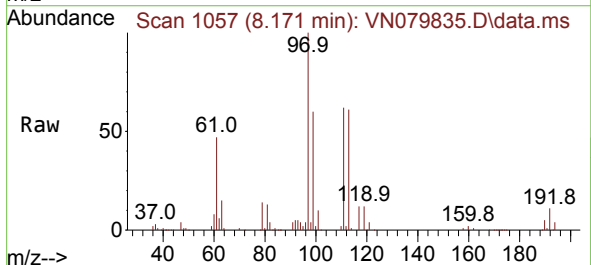
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

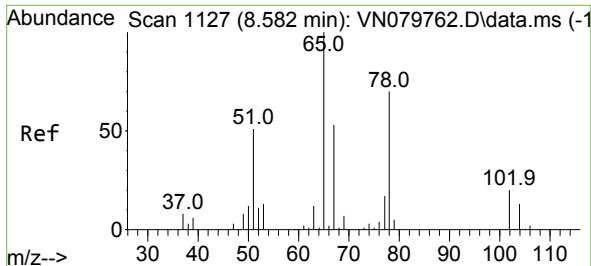
Tgt Ion: 56 Resp: 237618
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 87.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 55.555 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 97 Resp: 287960
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.526 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

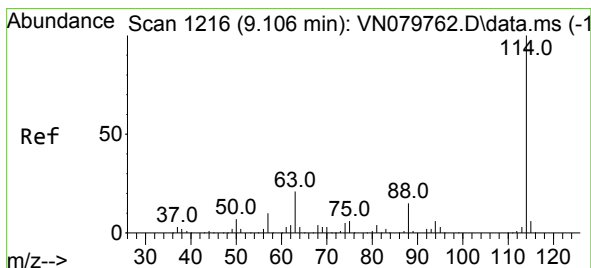
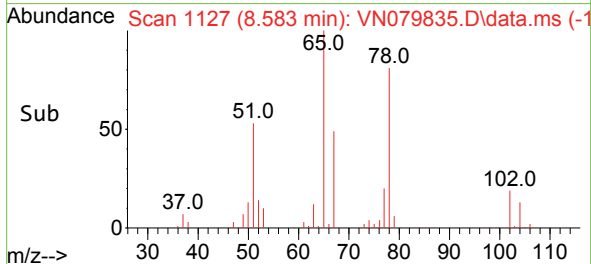
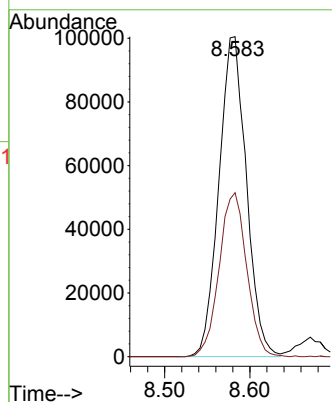
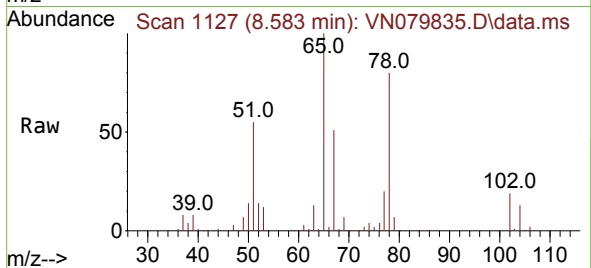
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 65 Resp: 224874

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

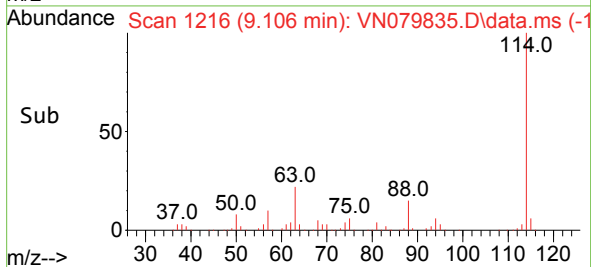
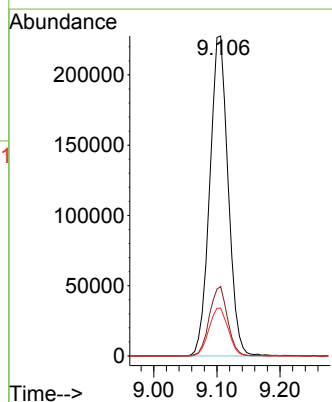
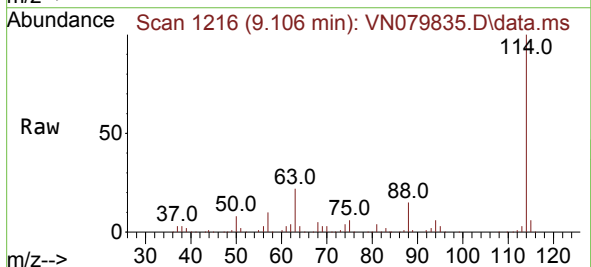
Tgt Ion: 114 Resp: 459538

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.825 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079835.D

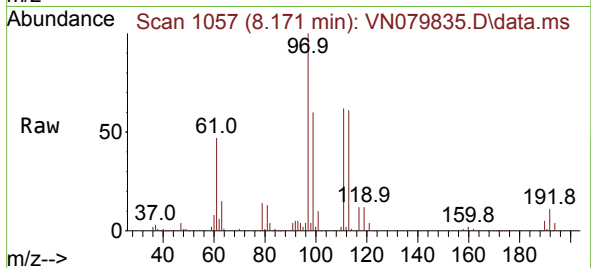
Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD



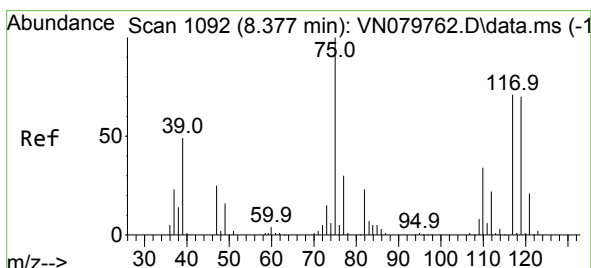
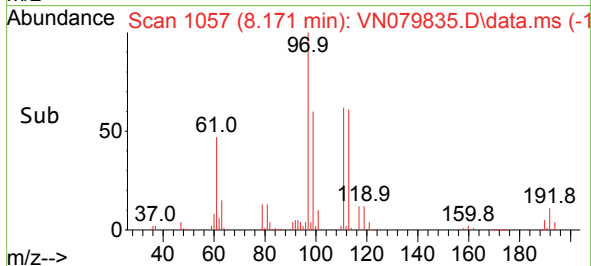
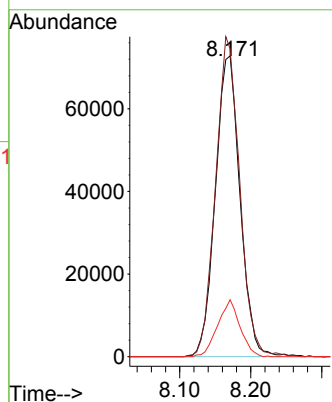
Tgt Ion:113 Resp: 175061

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 51.210 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

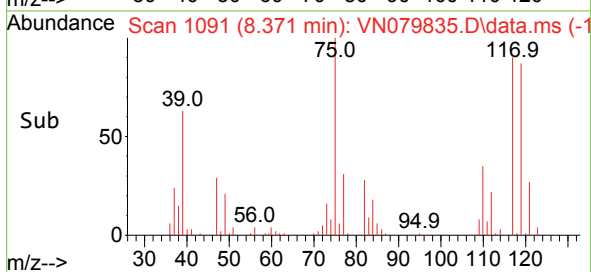
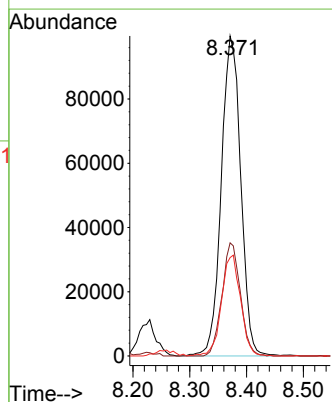
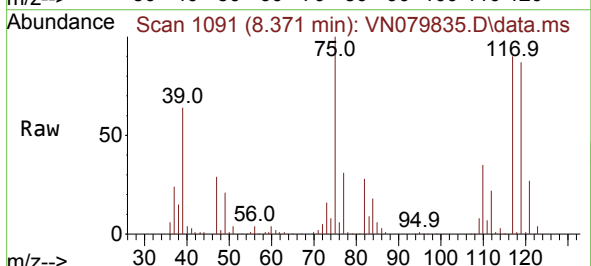
Tgt Ion: 75 Resp: 237812

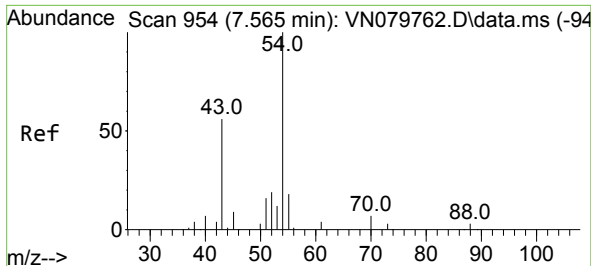
Ion Ratio Lower Upper

75 100

110 33.4 19.1 57.3

77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 52.595 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD

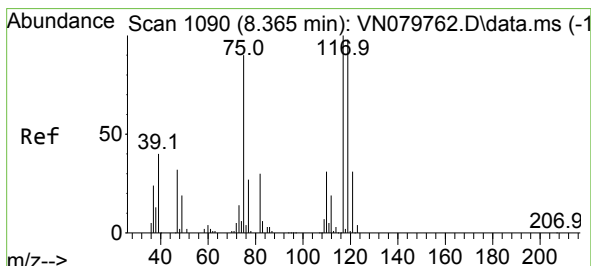
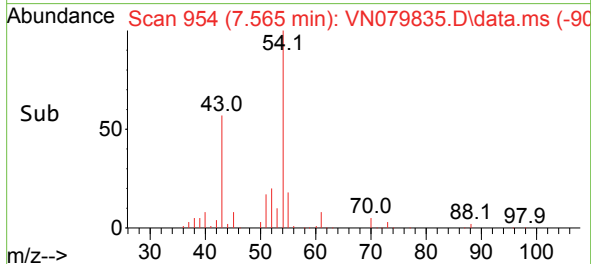
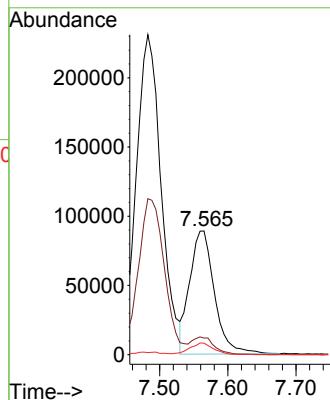
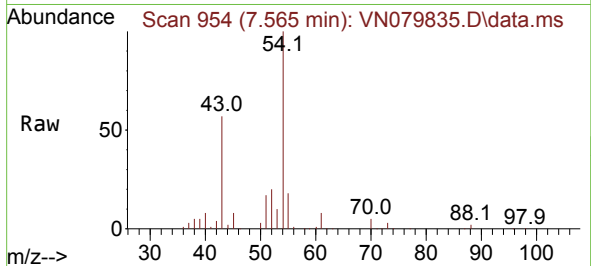
Tgt Ion: 43 Resp: 224003

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 9.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 51.226 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

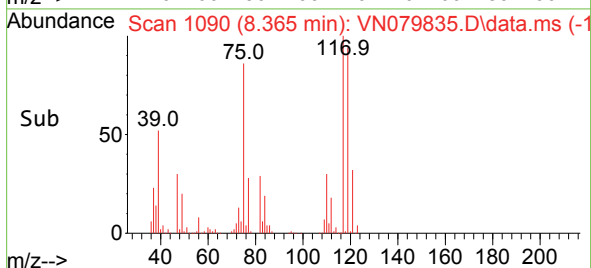
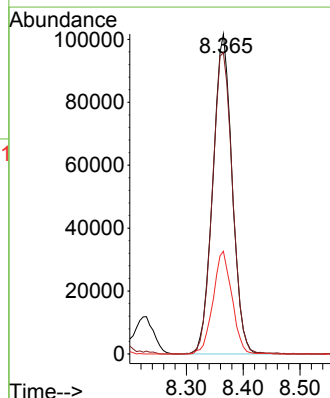
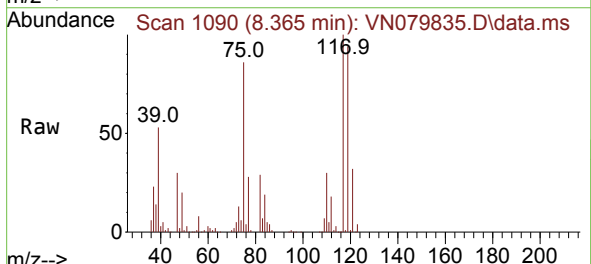
Tgt Ion: 117 Resp: 239748

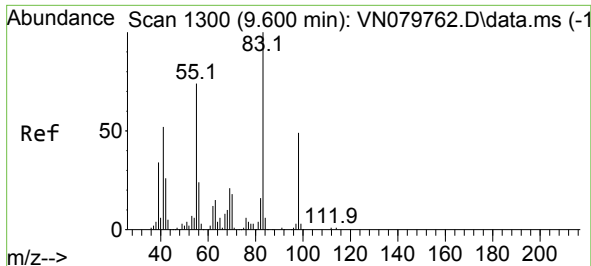
Ion Ratio Lower Upper

117 100

119 94.1 77.3 115.9

121 32.1 23.3 34.9





#39

Methylcyclohexane

Concen: 44.659 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

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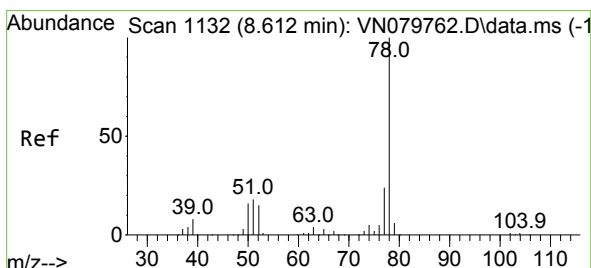
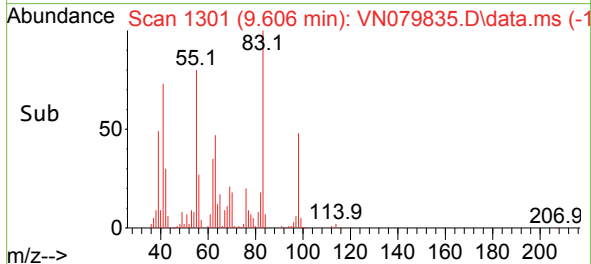
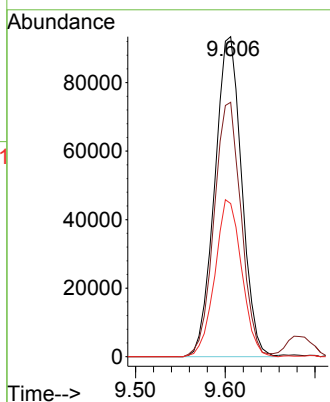
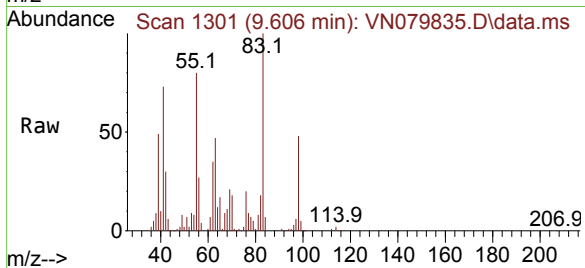
Tgt Ion: 83 Resp: 195175

Ion Ratio Lower Upper

83 100

55 79.5 49.1 73.7#

98 47.9 40.6 61.0



#40

Benzene

Concen: 54.885 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079835.D

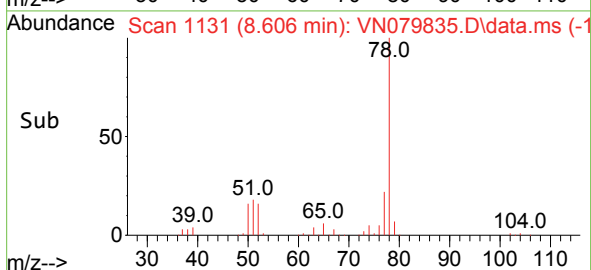
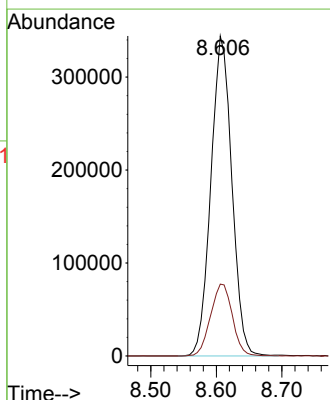
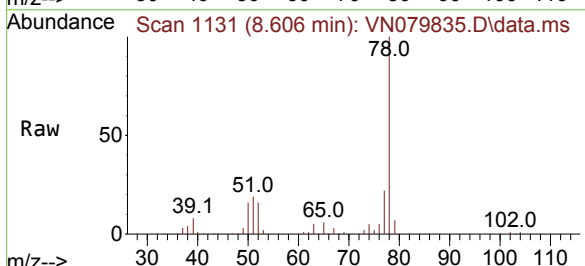
Acq: 03 Nov 2023 09:07

Tgt Ion: 78 Resp: 763409

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

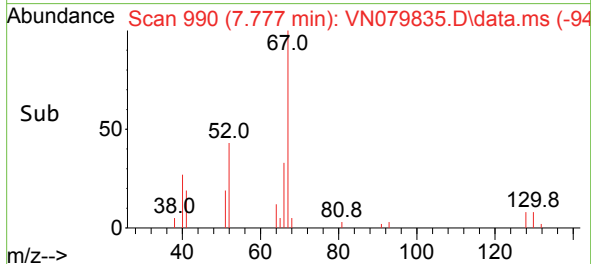
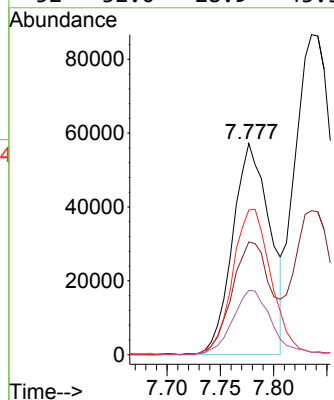
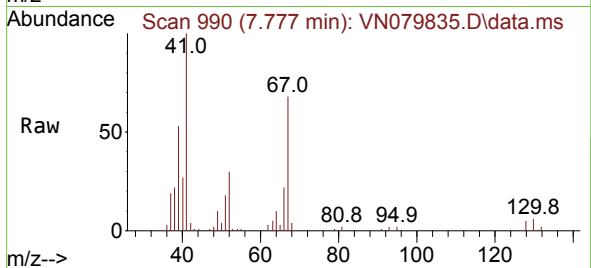




#41
Methacrylonitrile
Concen: 61.632 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

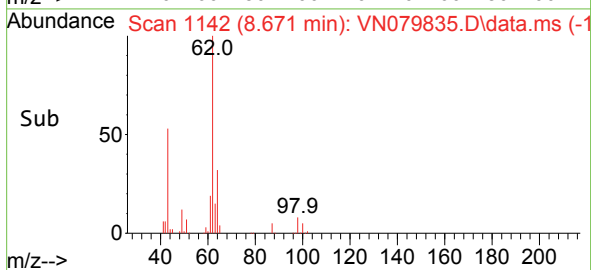
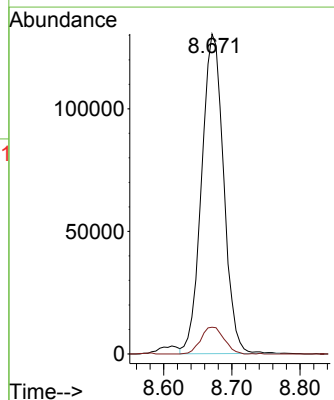
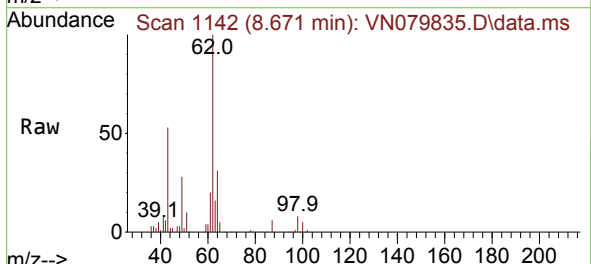
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

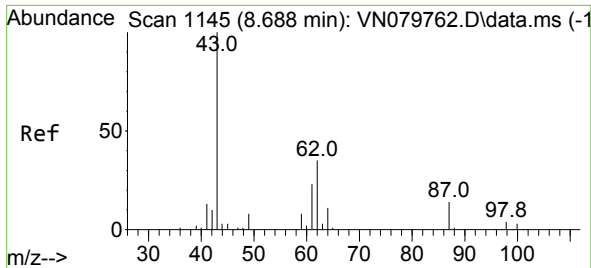
Tgt Ion:	41	Resp:	139389
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.6	64.0
67	71.8	77.5	116.3
52	32.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 60.177 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:	62	Resp:	292373
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

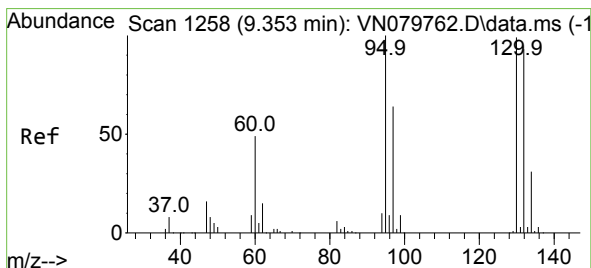
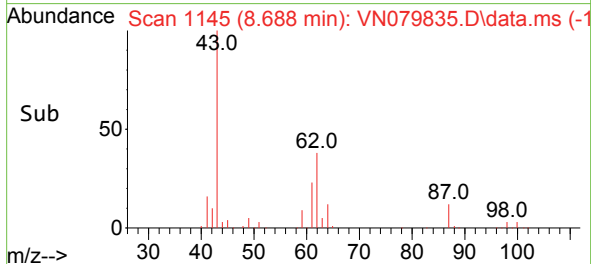
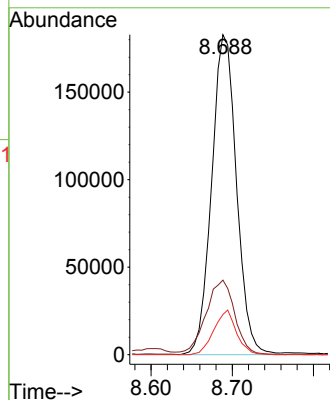
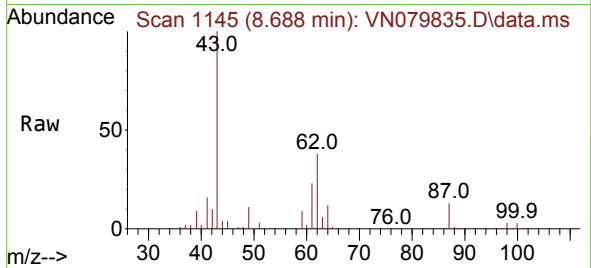




#43
Isopropyl Acetate
Concen: 52.086 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

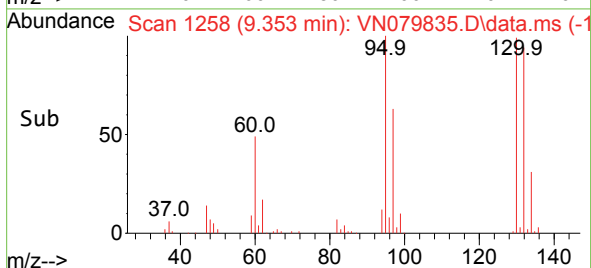
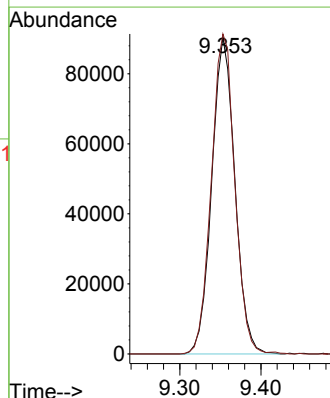
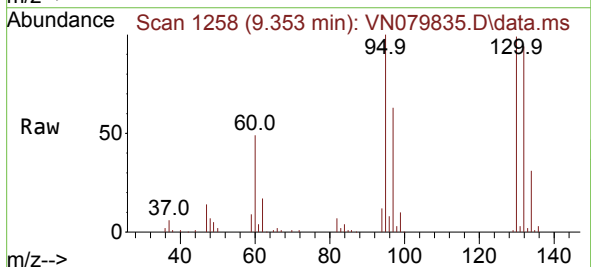
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

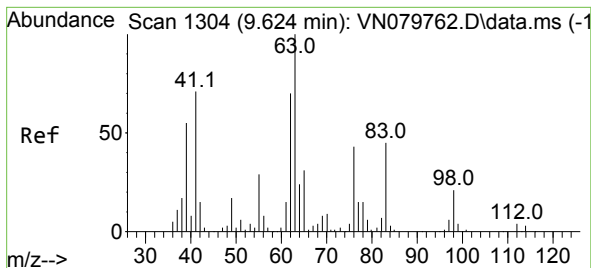
Tgt Ion: 43 Resp: 389030
Ion Ratio Lower Upper
43 100
61 27.2 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 51.803 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:130 Resp: 178798
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.686 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

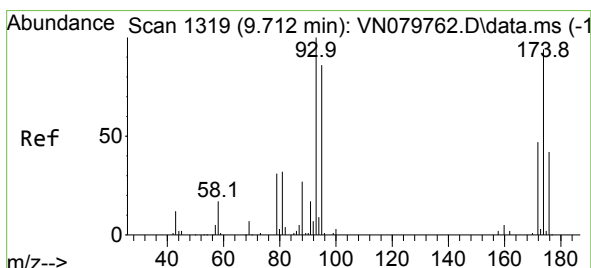
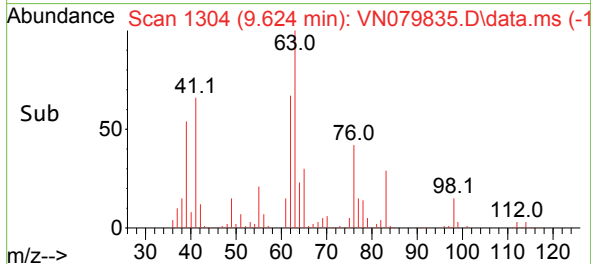
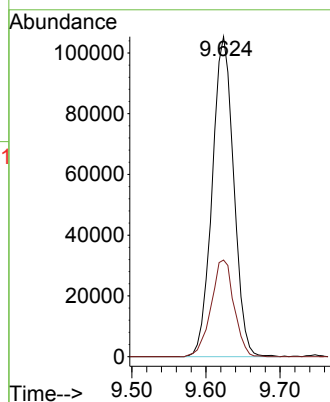
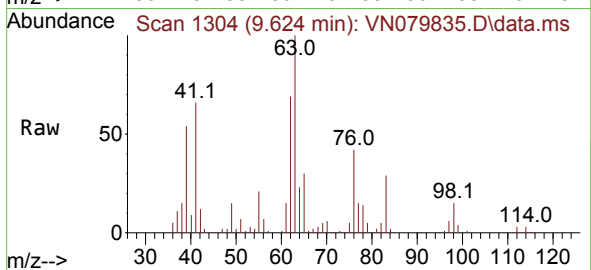
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 63 Resp: 212159

Ion Ratio Lower Upper

63 100

65 30.2 23.9 35.9



#46

Dibromomethane

Concen: 57.844 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

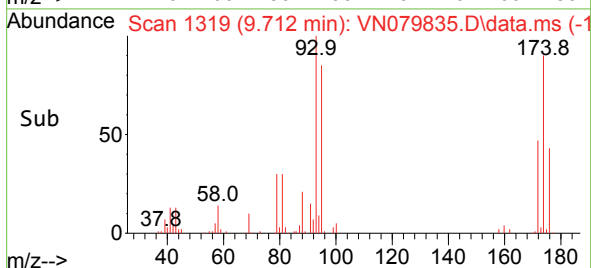
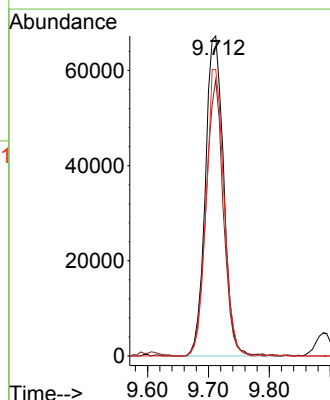
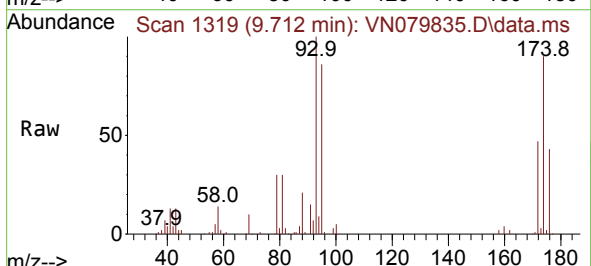
Tgt Ion: 93 Resp: 140393

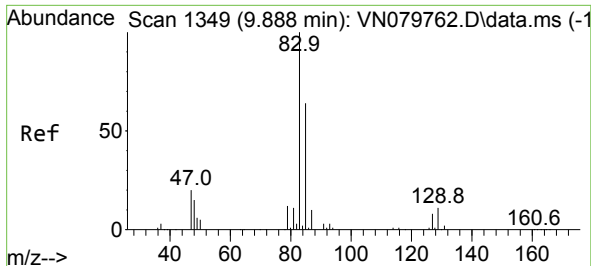
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 87.3 65.6 98.4

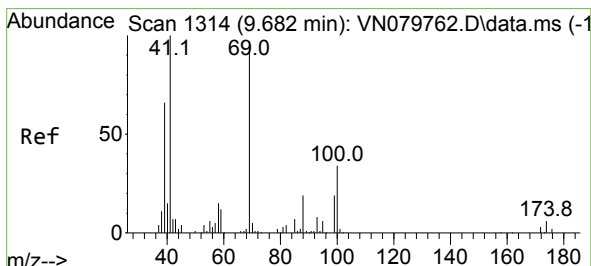
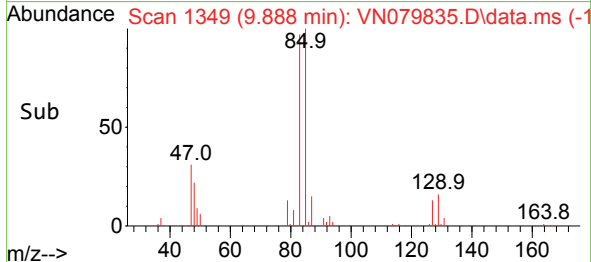
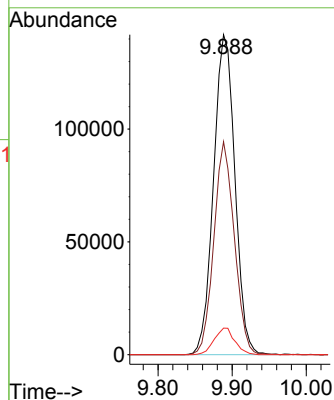
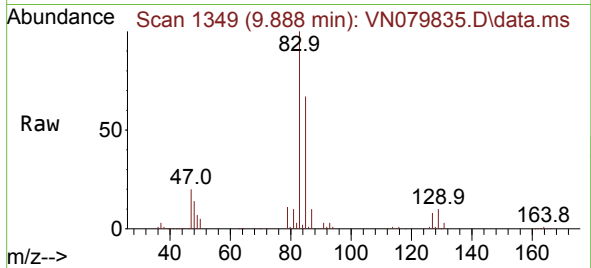




#47
Bromodichloromethane
Concen: 54.922 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

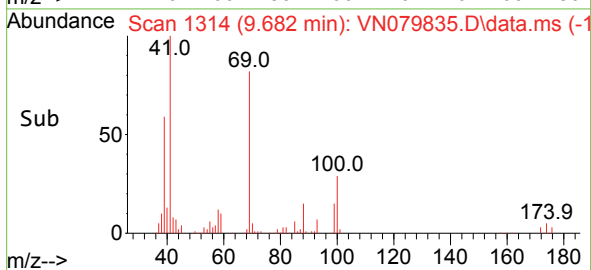
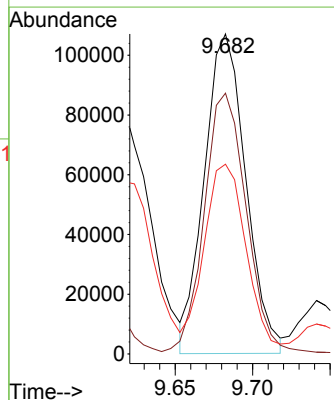
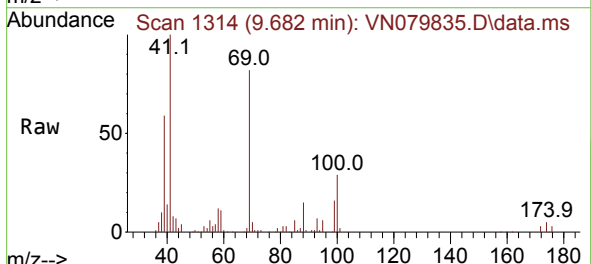
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

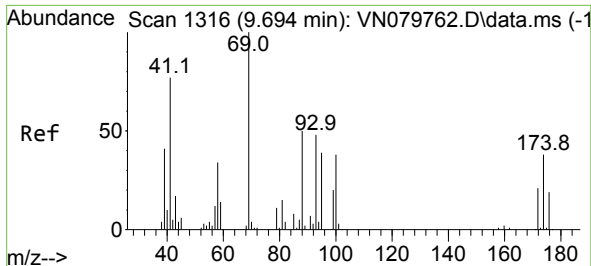
Tgt Ion: 83 Resp: 284289
Ion Ratio Lower Upper
83 100
85 66.5 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 60.793 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 41 Resp: 198887
Ion Ratio Lower Upper
41 100
69 83.8 90.4 135.6#
39 60.8 54.6 81.8





#49

1,4-Dioxane

Concen: 990.353 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD

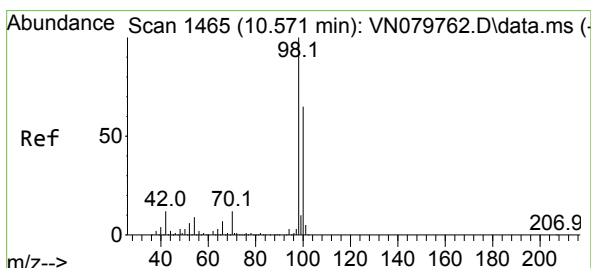
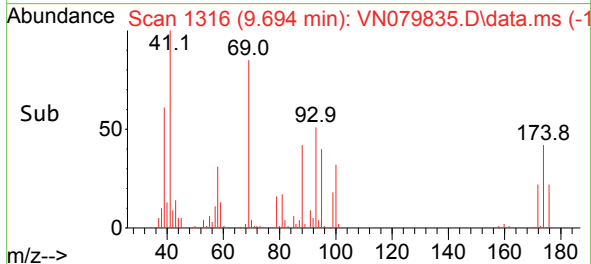
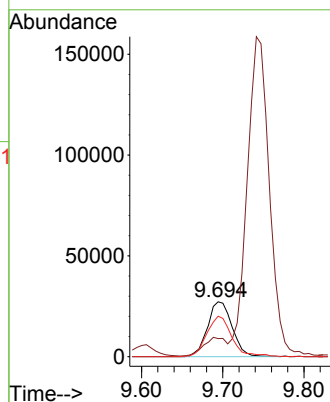
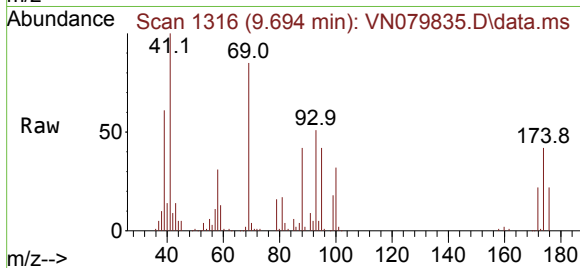
Tgt Ion: 88 Resp: 57250

Ion Ratio Lower Upper

88 100

43 30.9 17.0 25.6#

58 75.2 47.0 70.4#



#50

Toluene-d8

Concen: 50.921 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079835.D

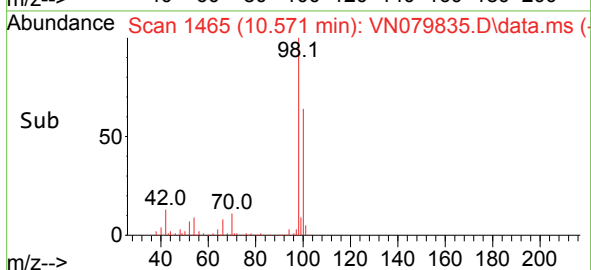
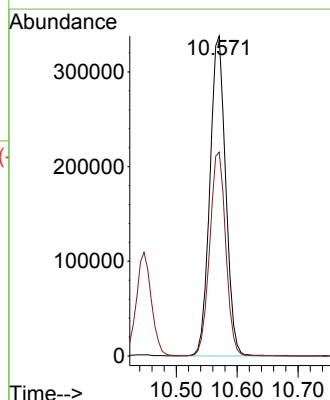
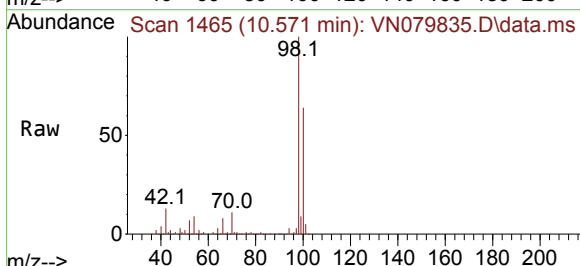
Acq: 03 Nov 2023 09:07

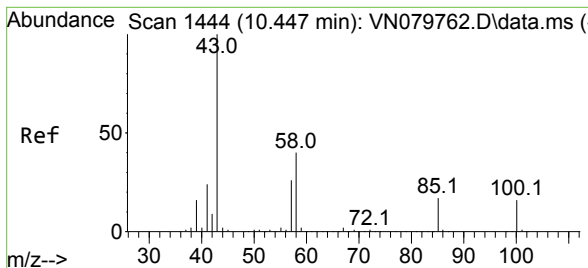
Tgt Ion: 98 Resp: 609699

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

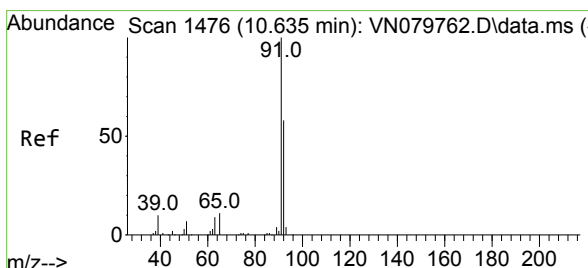
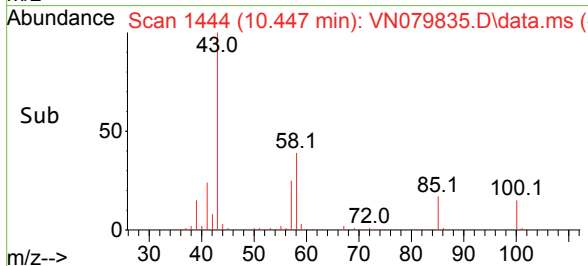
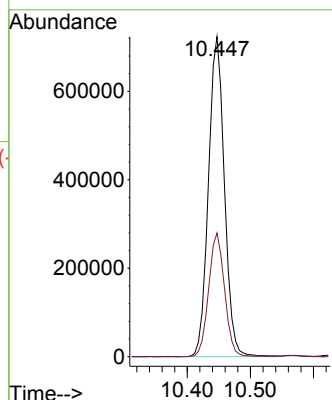
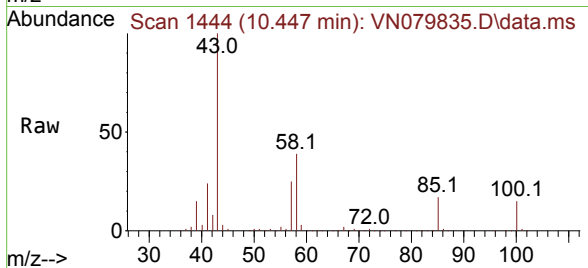




#51
4-Methyl-2-Pentanone
Concen: 302.331 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

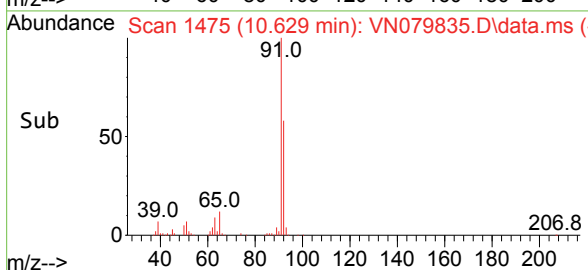
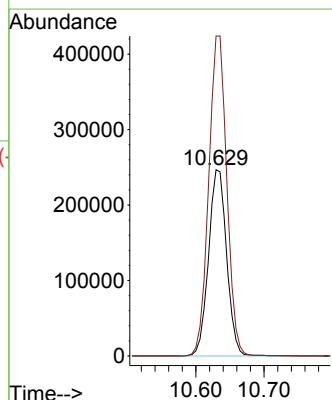
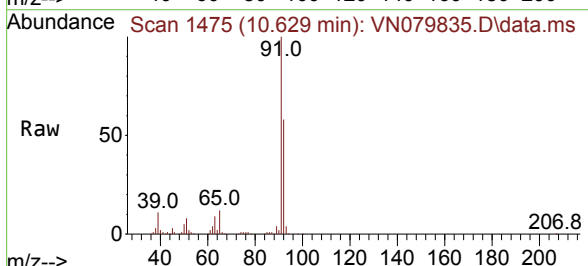
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

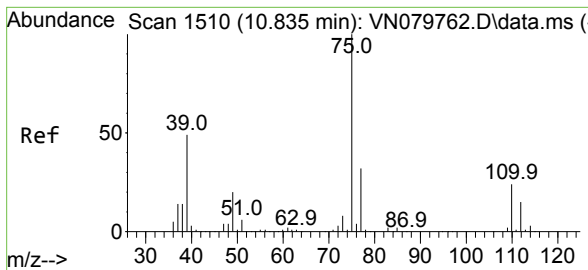
Tgt Ion: 43 Resp: 1271305
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8



#52
Toluene
Concen: 55.194 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 92 Resp: 455132
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

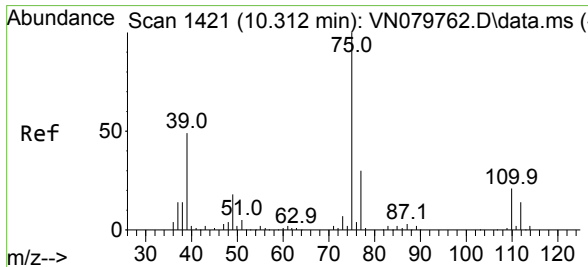
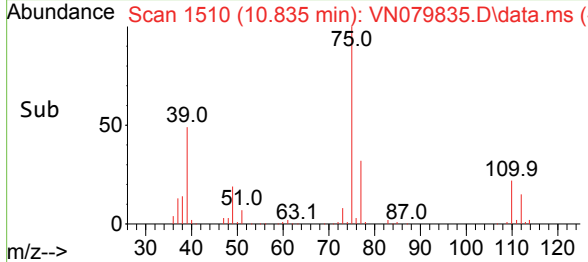
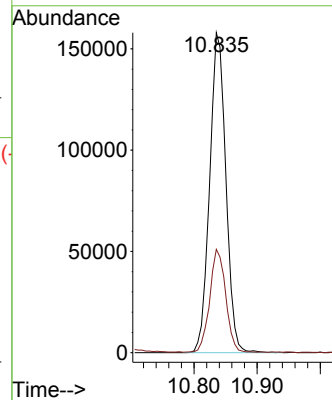
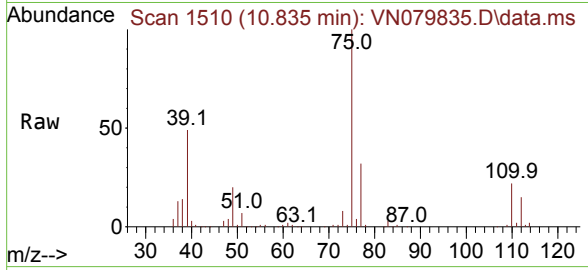




#53
 t-1,3-Dichloropropene
 Concen: 55.673 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

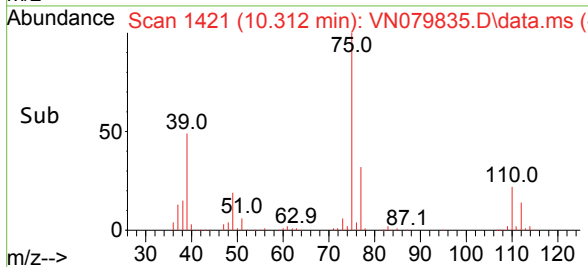
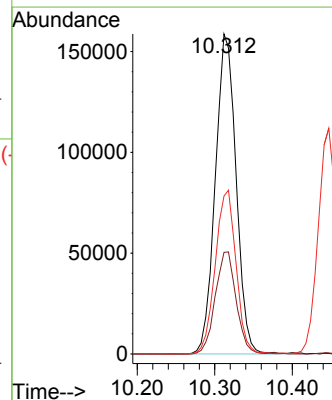
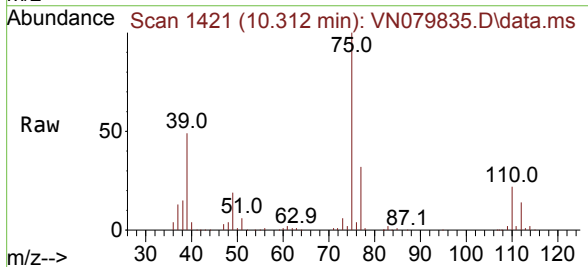
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

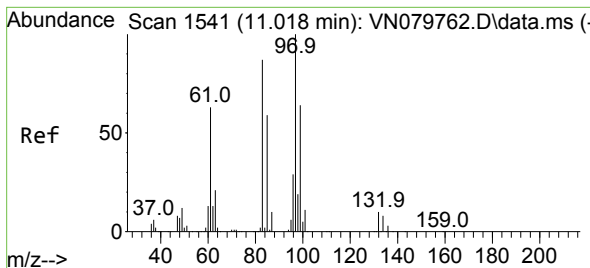
Tgt Ion: 75 Resp: 282508
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.464 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion: 75 Resp: 295708
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 49.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 57.628 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 97 Resp: 191134

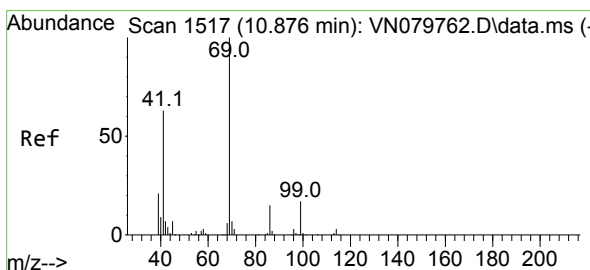
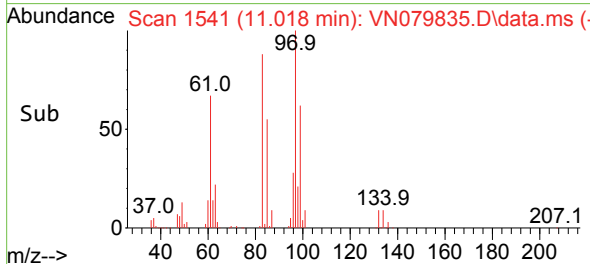
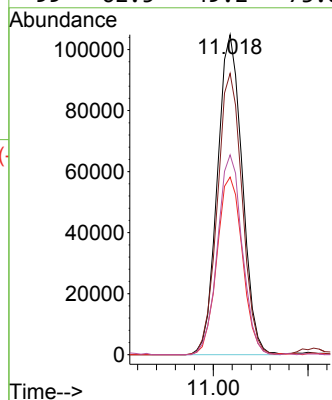
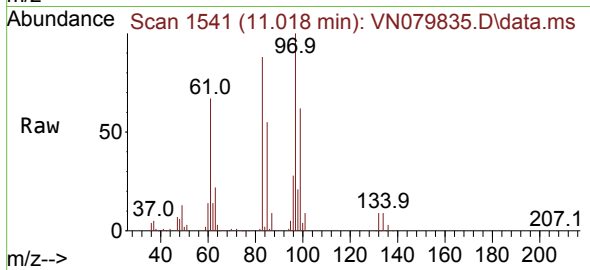
Ion Ratio Lower Upper

97 100

83 87.9 65.1 97.7

85 55.5 43.4 65.2

99 62.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 59.269 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

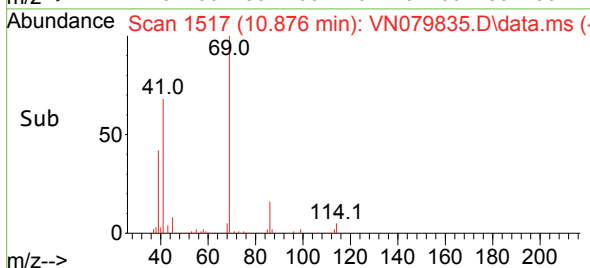
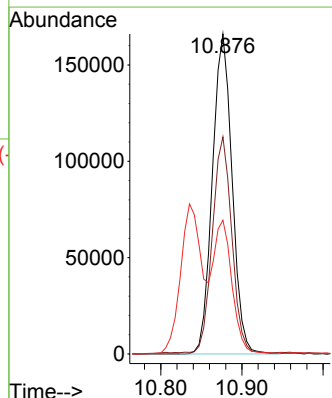
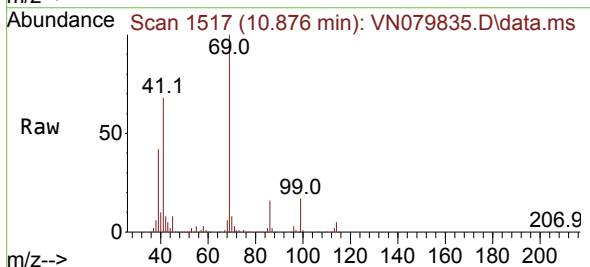
Tgt Ion: 69 Resp: 280394

Ion Ratio Lower Upper

69 100

41 66.2 39.6 59.4#

39 38.4 28.6 43.0

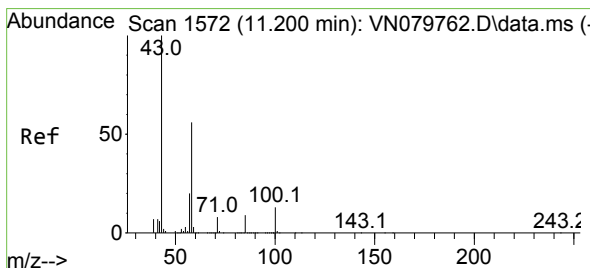
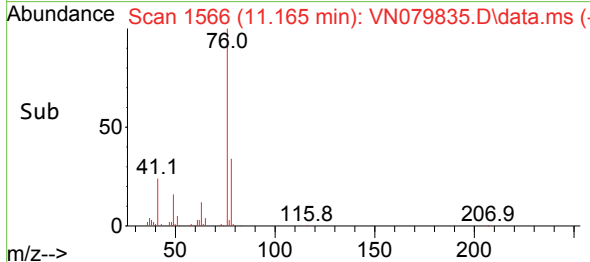
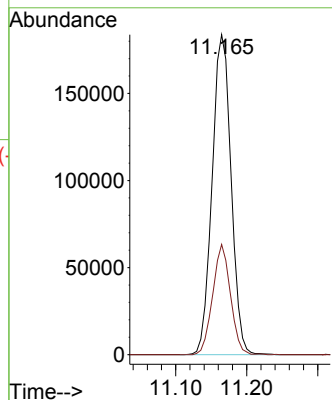
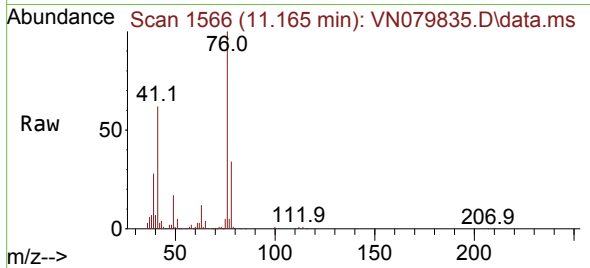




#57
1,3-Dichloropropane
Concen: 58.167 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

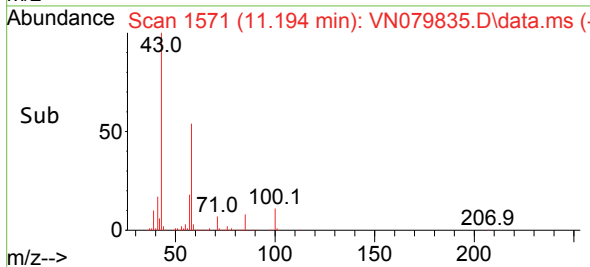
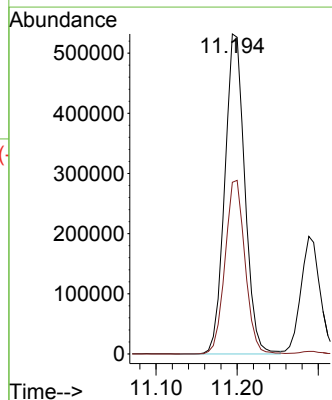
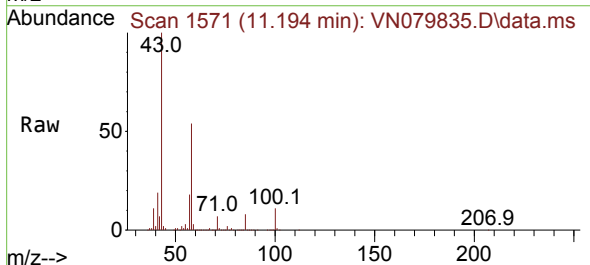
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

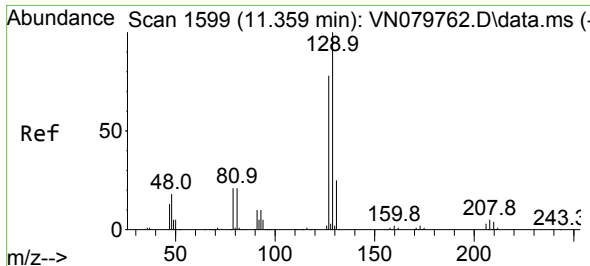
Tgt Ion: 76 Resp: 340056
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#59
2-Hexanone
Concen: 283.389 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 43 Resp: 911612
Ion Ratio Lower Upper
43 100
58 54.2 31.7 95.1

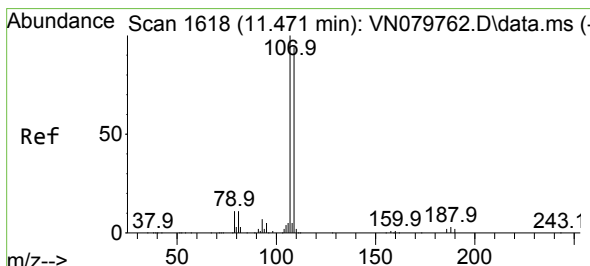
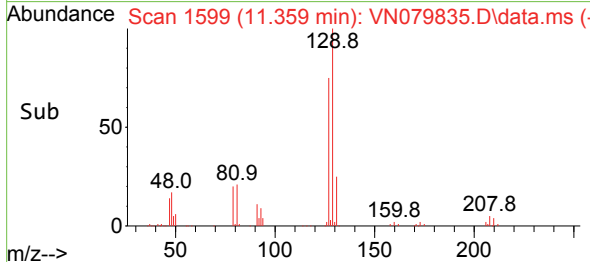
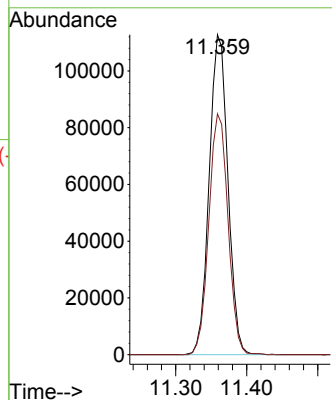
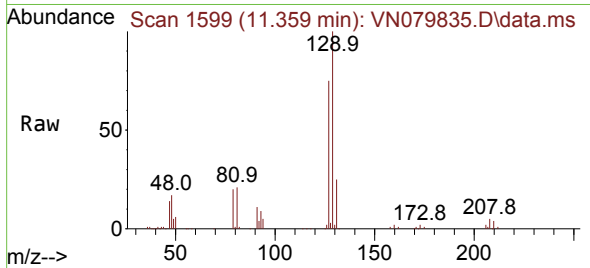




#60
 Dibromochloromethane
 Concen: 58.091 ug/l
 RT: 11.359 min Scan# 1599
 Delta R.T. -0.006 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

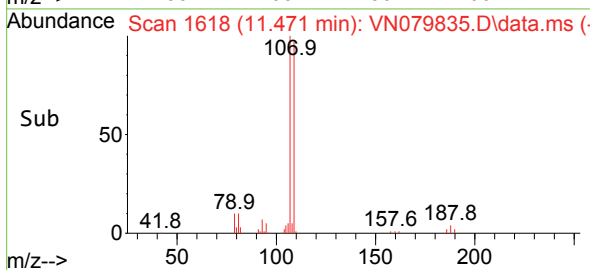
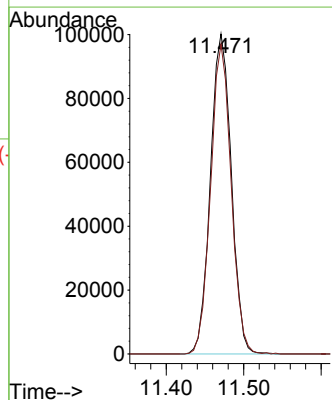
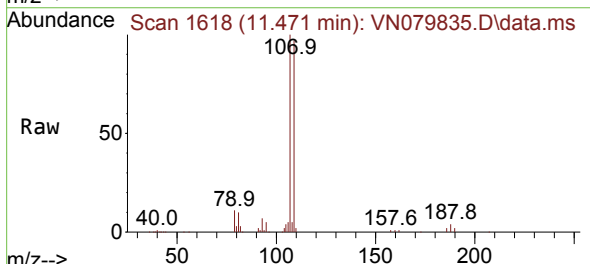
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

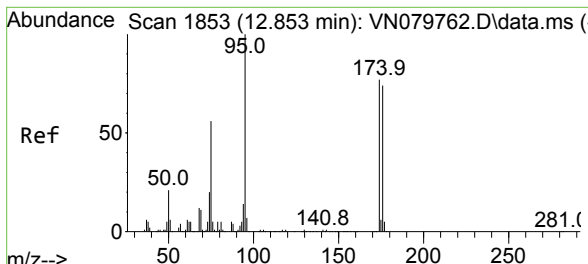
Tgt Ion:129 Resp: 206233
 Ion Ratio Lower Upper
 129 100
 127 77.2 38.6 116.0



#61
 1,2-Dibromoethane
 Concen: 56.349 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion:107 Resp: 187581
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.6 114.8

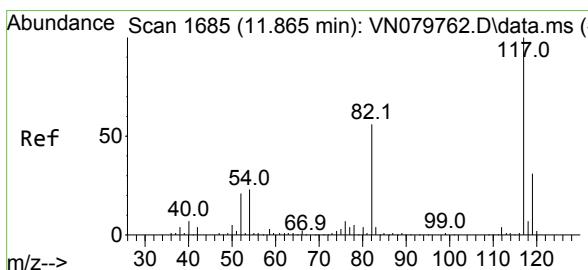
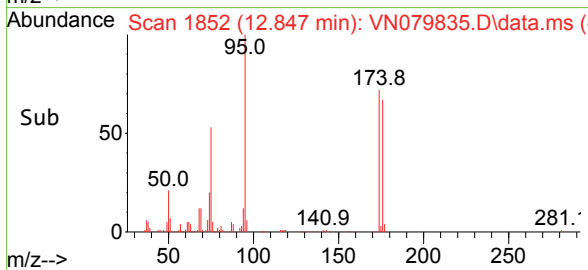
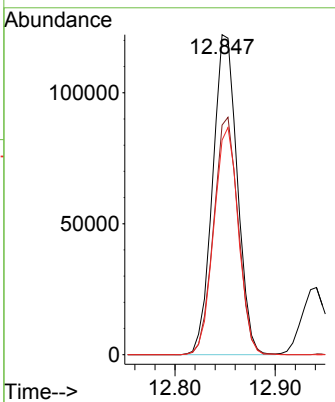
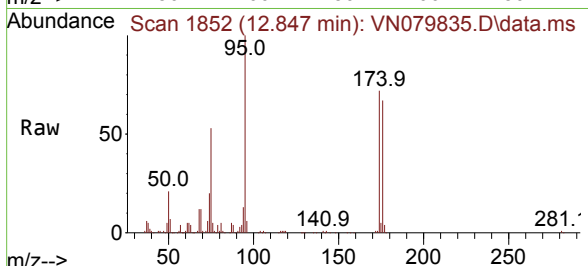




#62
 4-Bromofluorobenzene
 Concen: 52.432 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

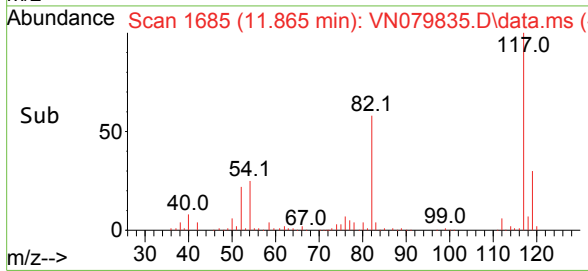
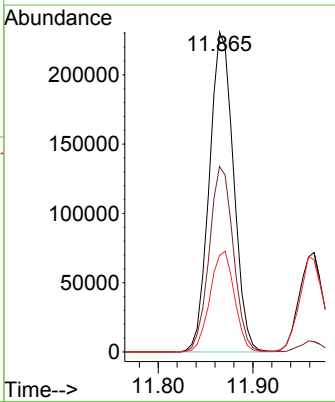
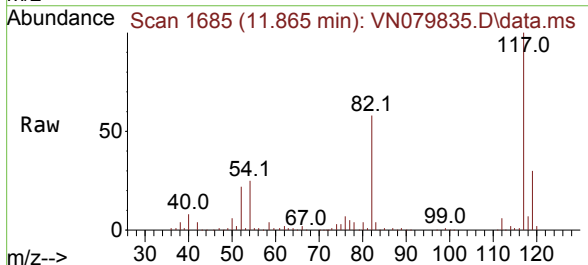
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

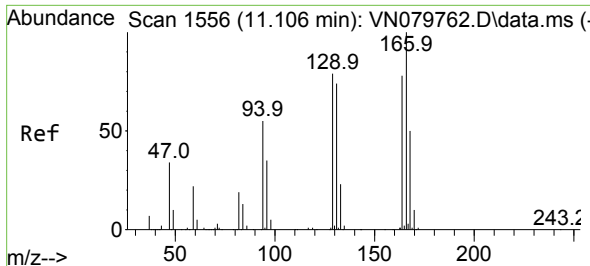
Tgt Ion:	95	Resp:	208204
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	143.8
176	71.1	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion:	117	Resp:	410224
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.0	66.0
119	30.2	25.6	38.4

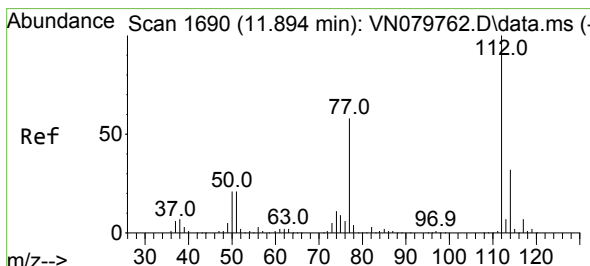
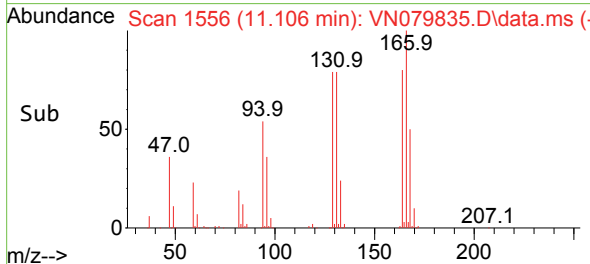
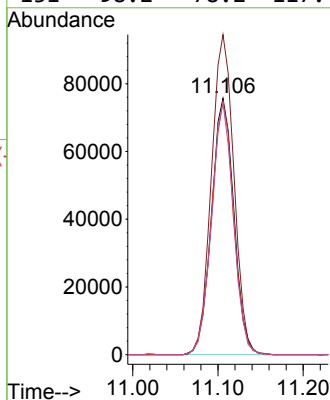
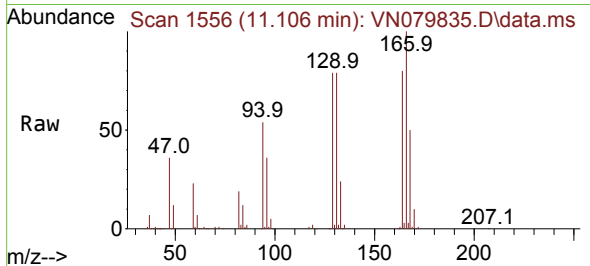




#64
Tetrachloroethene
Concen: 51.876 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

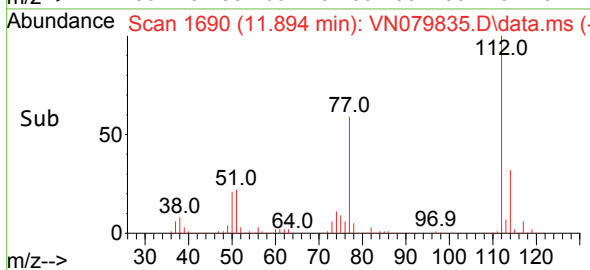
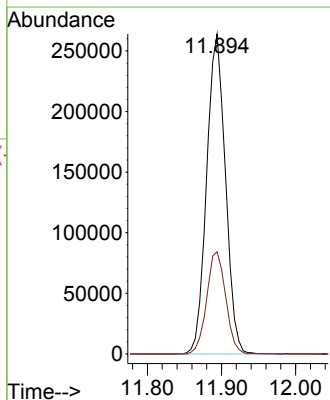
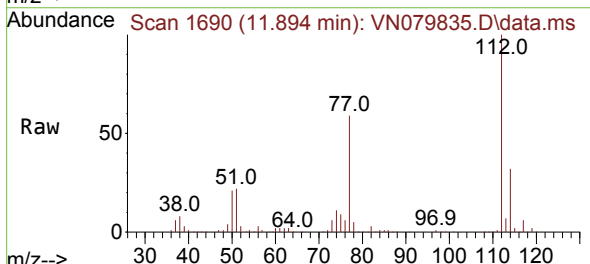
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

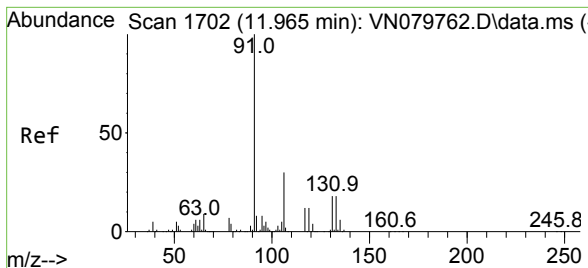
Tgt Ion:164 Resp: 137826
Ion Ratio Lower Upper
164 100
166 124.8 101.4 152.0
129 98.6 82.4 123.6
131 98.2 78.2 117.4



#65
Chlorobenzene
Concen: 52.152 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:112 Resp: 464080
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

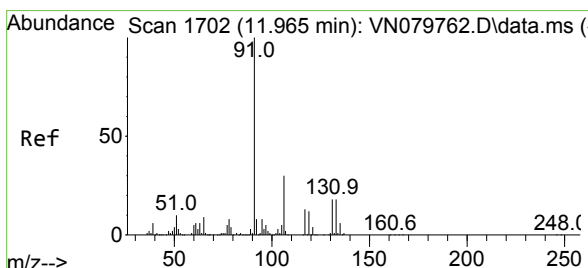
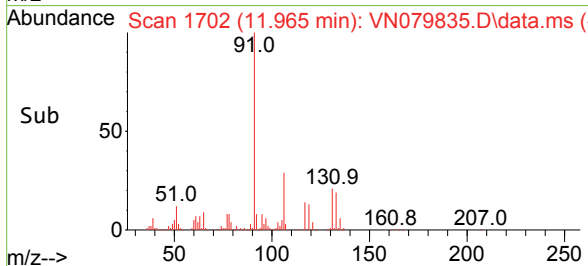
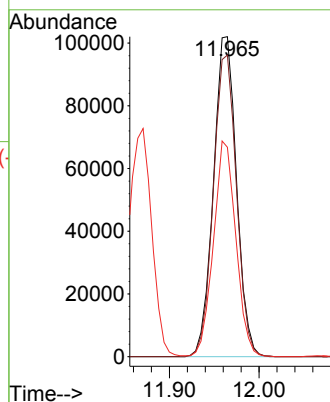
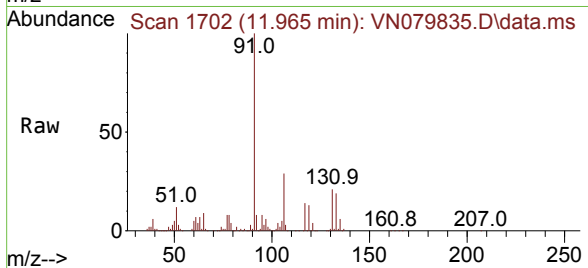




#66
1,1,1,2-Tetrachloroethane
Concen: 56.946 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

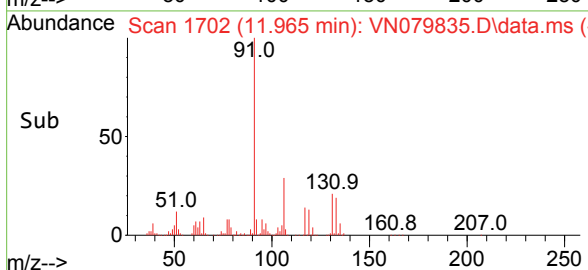
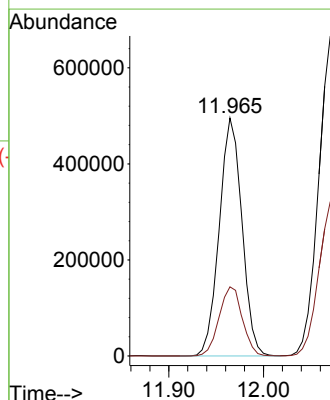
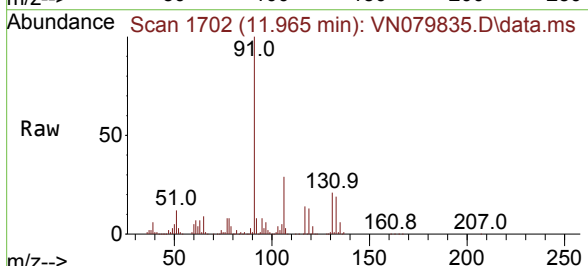
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

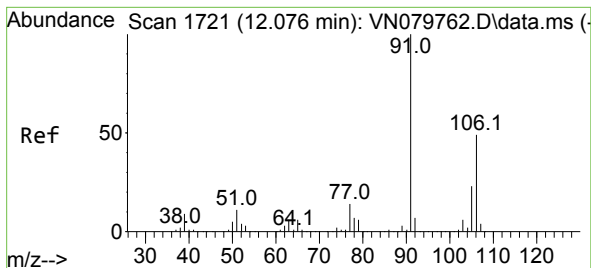
Tgt Ion:131 Resp: 182572
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 65.6 34.1 102.2



#67
Ethyl Benzene
Concen: 53.253 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 91 Resp: 825616
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4

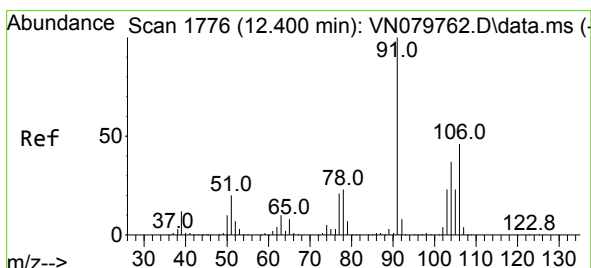
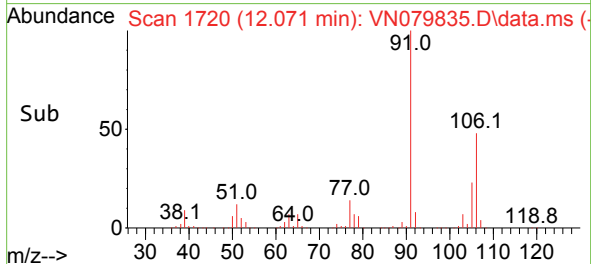
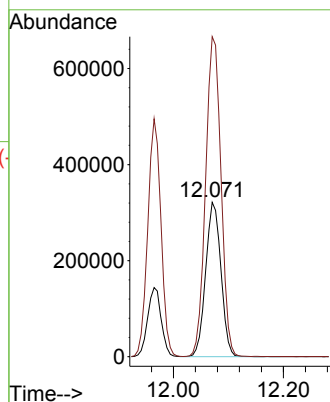
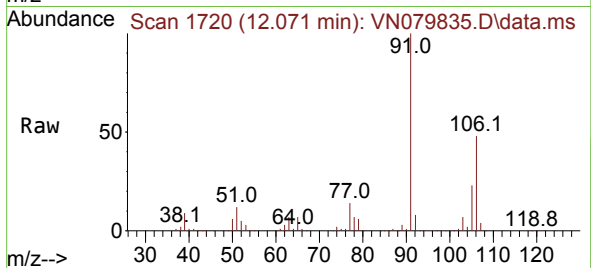




#68
m/p-Xylenes
Concen: 107.199 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

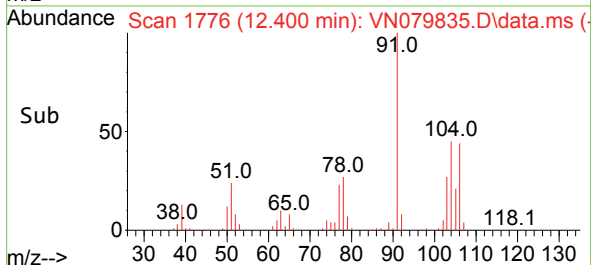
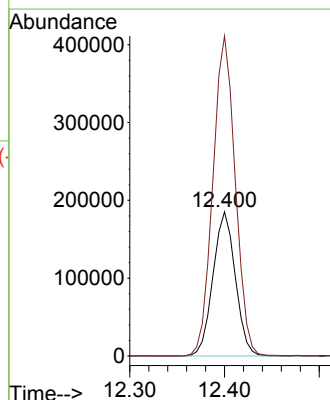
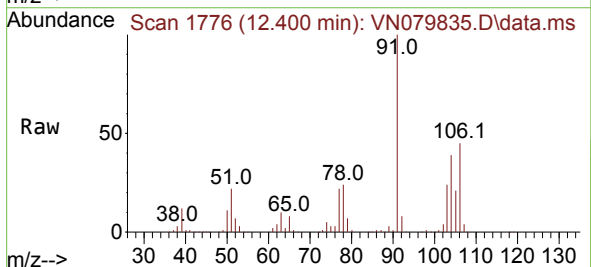
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

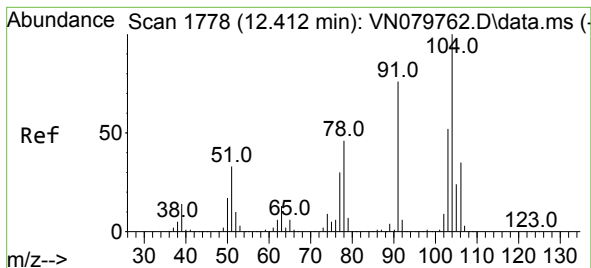
Tgt Ion:106 Resp: 619112
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4



#69
o-Xylene
Concen: 54.487 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:106 Resp: 303019
Ion Ratio Lower Upper
106 100
91 223.1 105.2 315.5





#70

Styrene

Concen: 57.608 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD

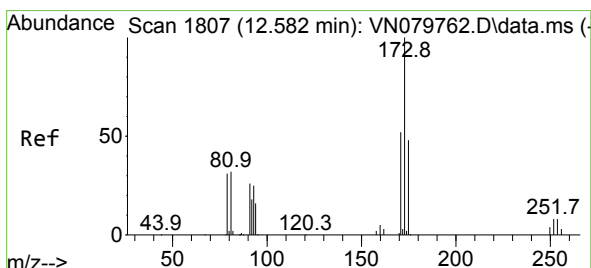
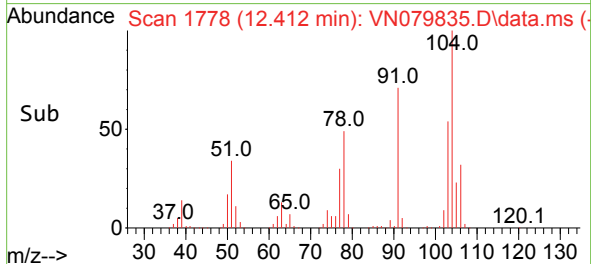
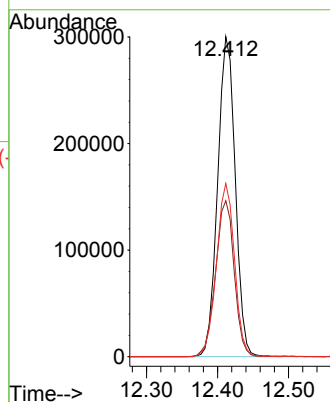
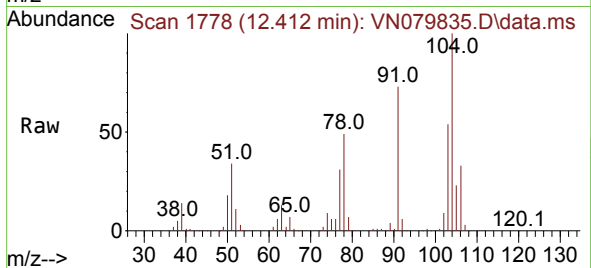
Tgt Ion:104 Resp: 514877

Ion Ratio Lower Upper

104 100

78 51.9 39.5 59.3

103 55.7 43.2 64.8



#71

Bromoform

Concen: 57.990 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

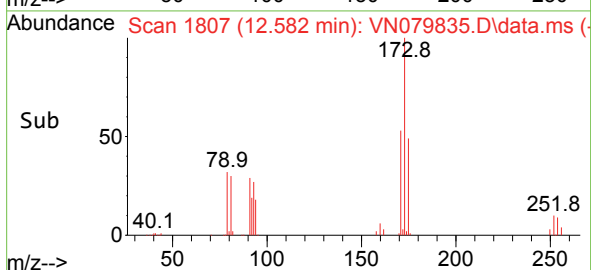
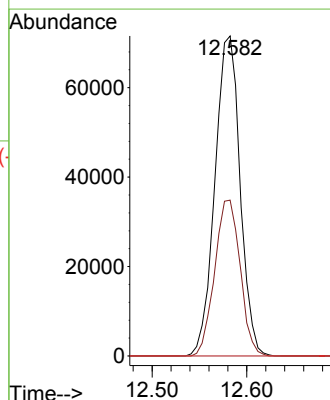
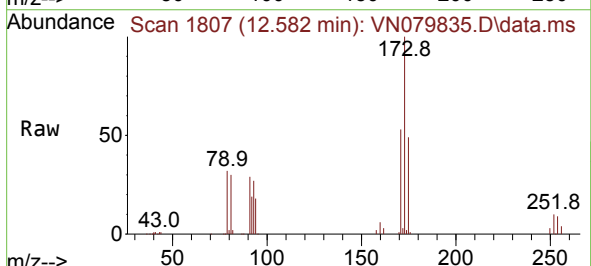
Tgt Ion:173 Resp: 132019

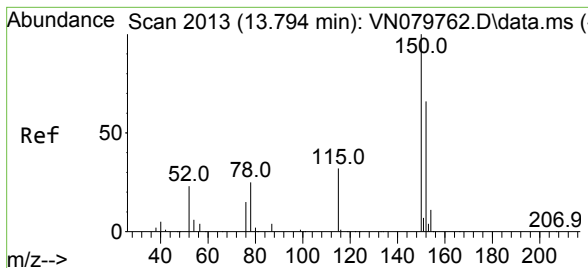
Ion Ratio Lower Upper

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: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079835.D

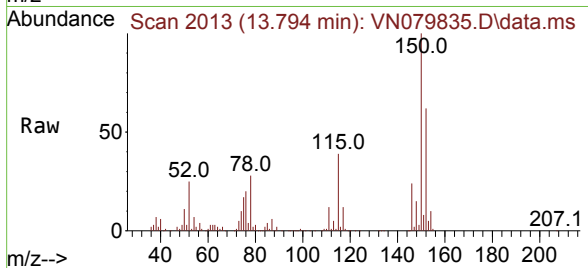
Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-02D-20231101MSD



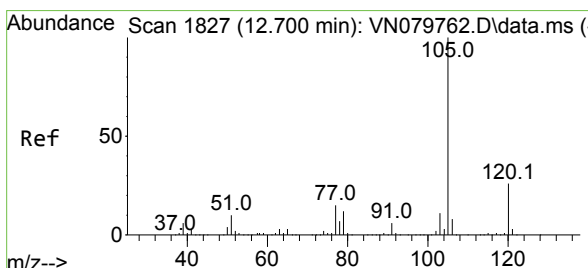
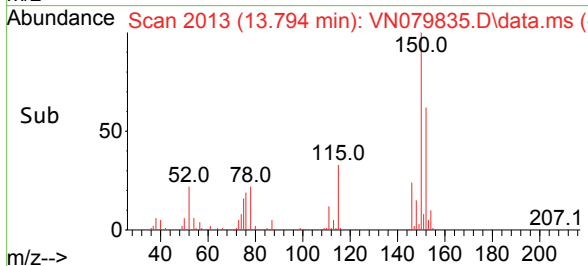
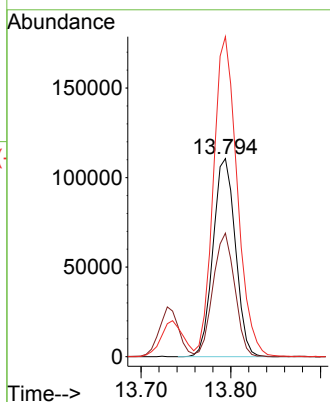
Tgt Ion:152 Resp: 191113

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 172.4 0.0 355.8



#73

Isopropylbenzene

Concen: 50.191 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079835.D

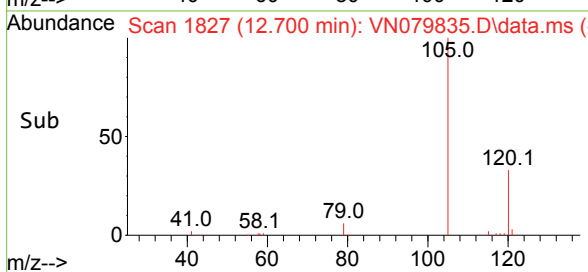
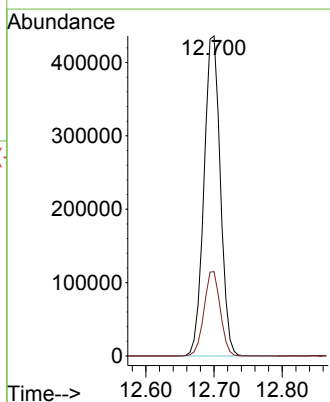
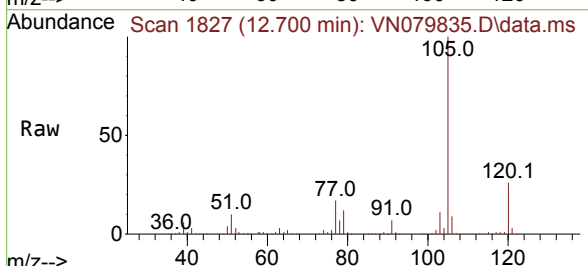
Acq: 03 Nov 2023 09:07

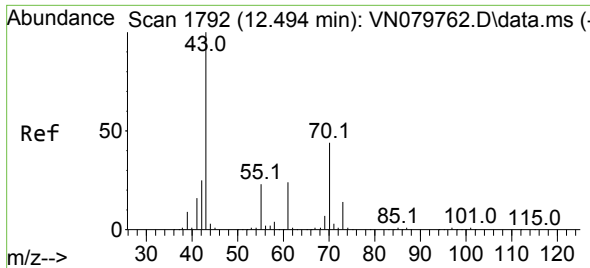
Tgt Ion:105 Resp: 727991

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1

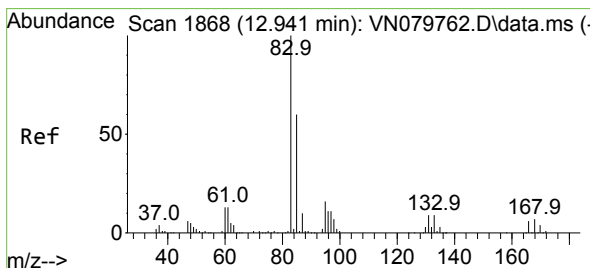
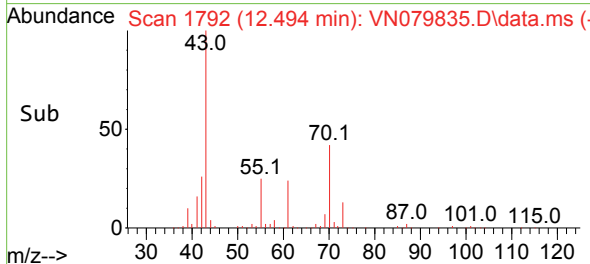
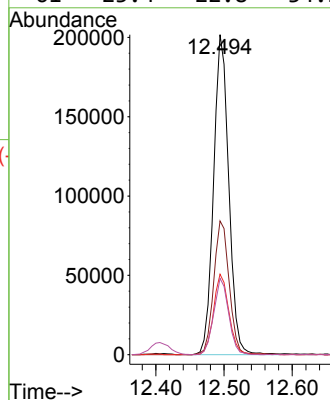
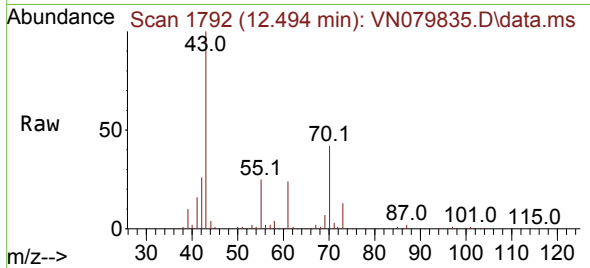




#74
N-amy1 acetate
Concen: 49.453 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

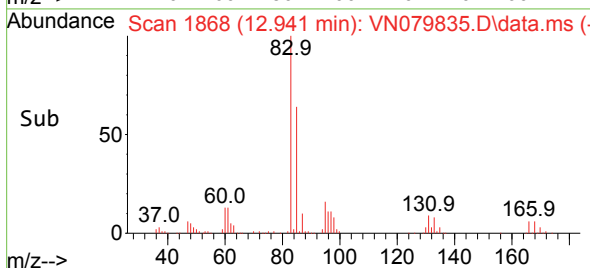
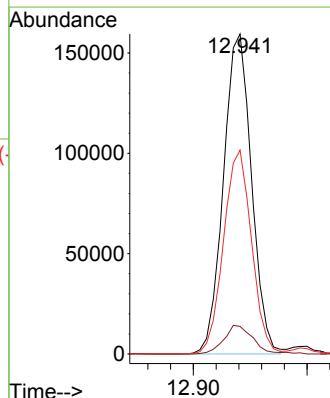
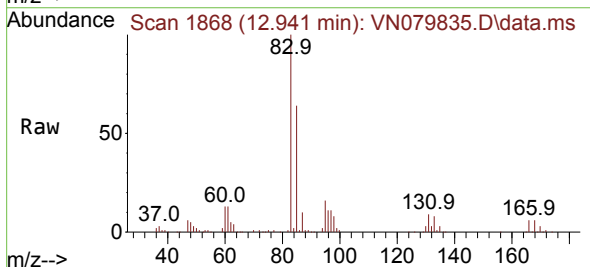
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

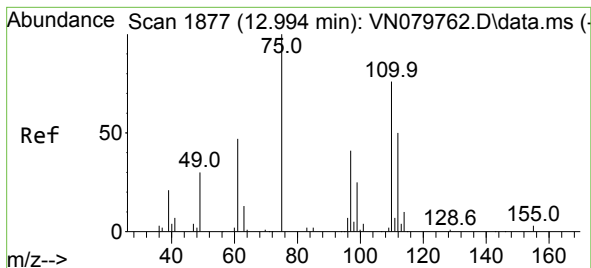
Tgt Ion:	43	Resp:	313084
Ion	Ratio	Lower	Upper
43	100		
70	42.5	43.4	65.2#
55	25.7	21.4	32.0
61	23.4	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 53.240 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:	83	Resp:	273794
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	15.0
85	63.5	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 74.212 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

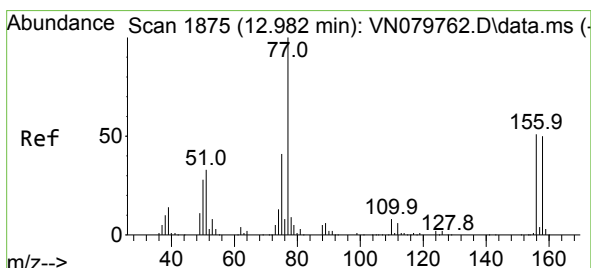
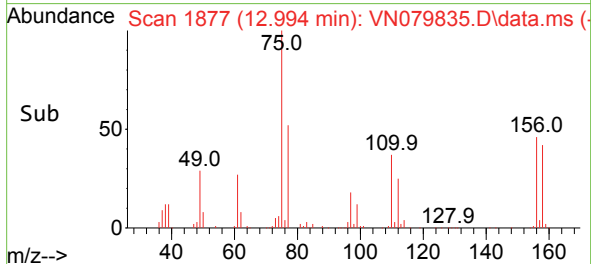
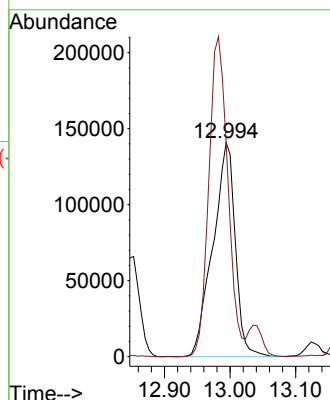
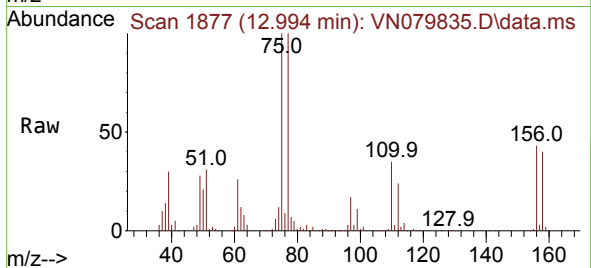
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion: 75 Resp: 332973

Ion Ratio Lower Upper

75 100

77 128.1 84.5 253.5



#77

Bromobenzene

Concen: 53.357 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

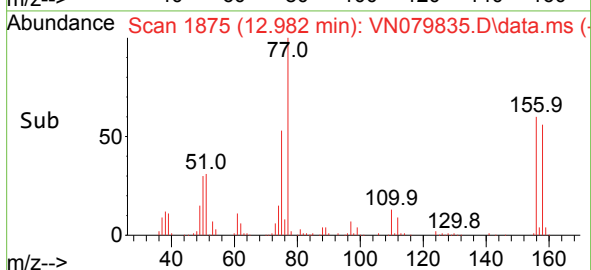
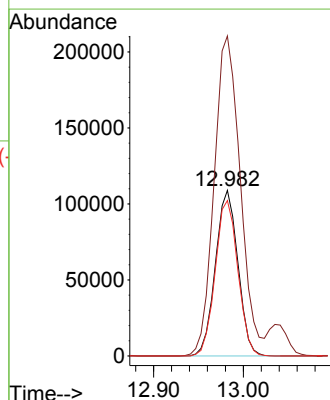
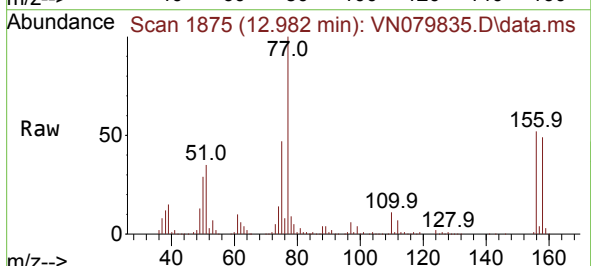
Tgt Ion:156 Resp: 189474

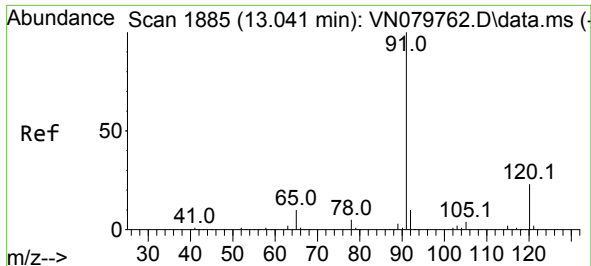
Ion Ratio Lower Upper

156 100

77 225.2 107.7 323.3

158 94.4 48.4 145.3

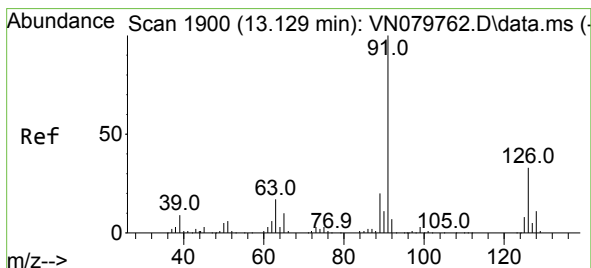
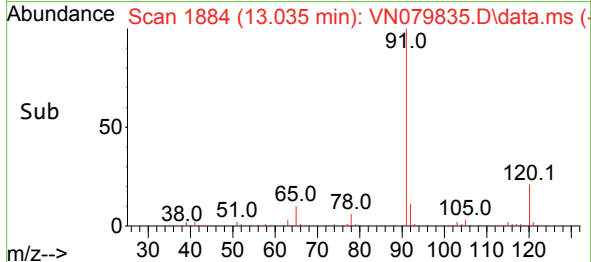
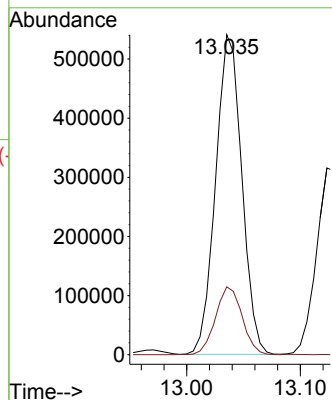
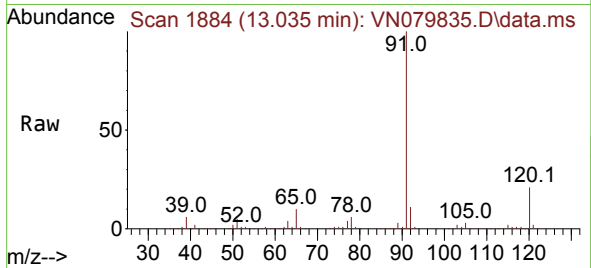




#78
n-propylbenzene
Concen: 52.155 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

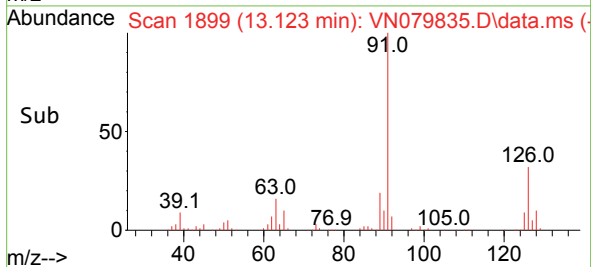
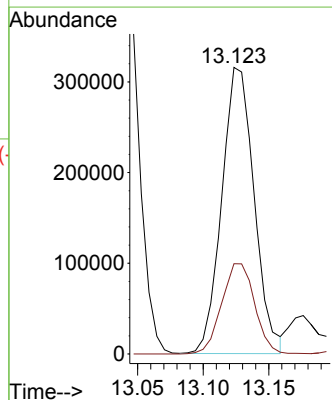
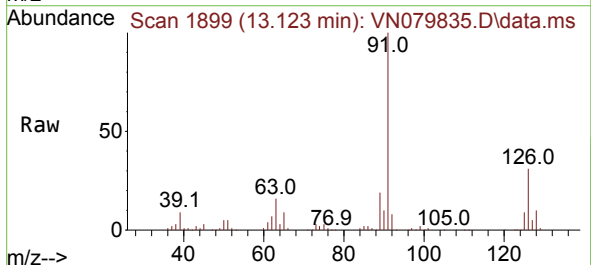
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

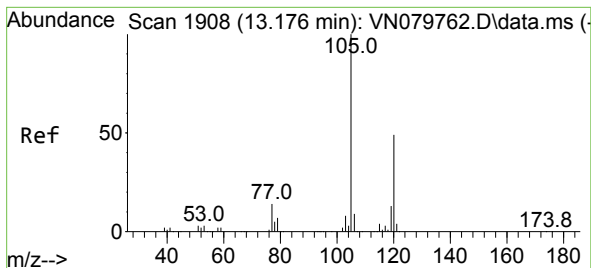
Tgt Ion: 91 Resp: 866282
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 51.130 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 91 Resp: 542525
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 53.458 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

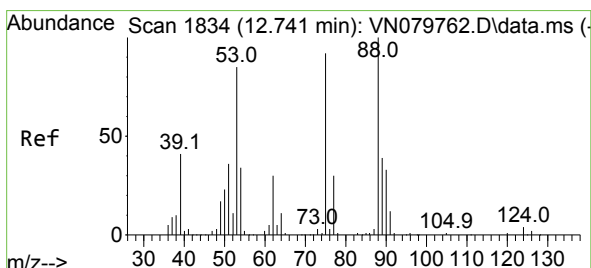
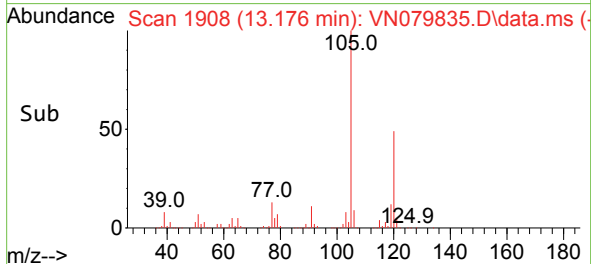
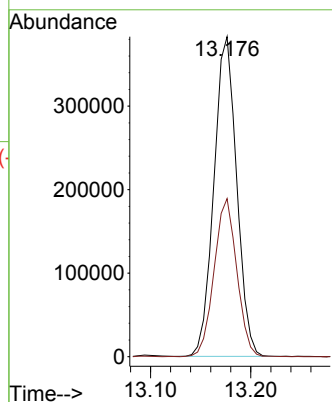
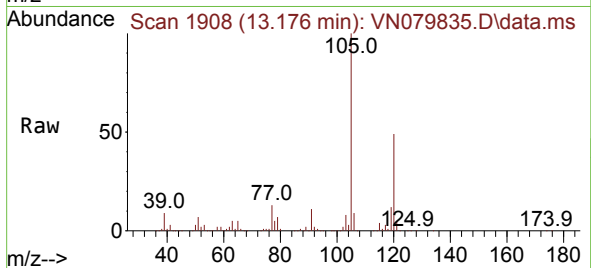
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion:105 Resp: 603258

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 45.551 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

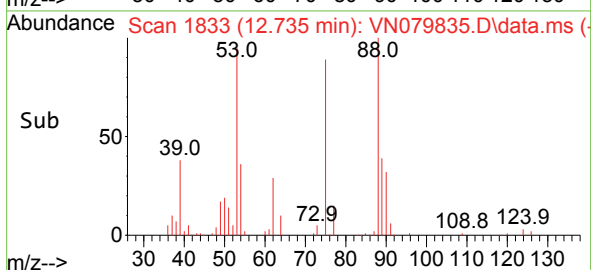
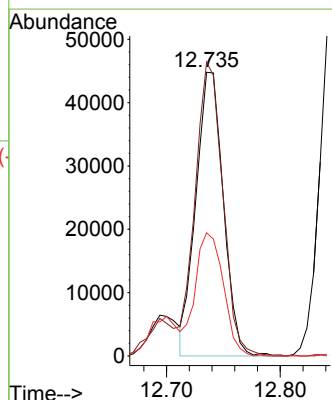
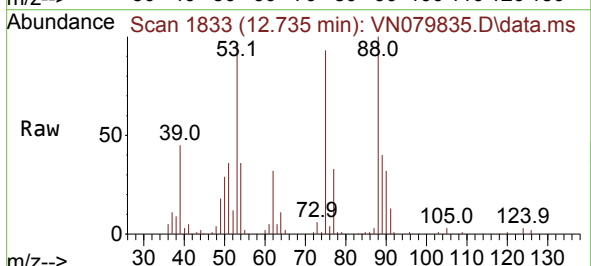
Tgt Ion: 75 Resp: 75118

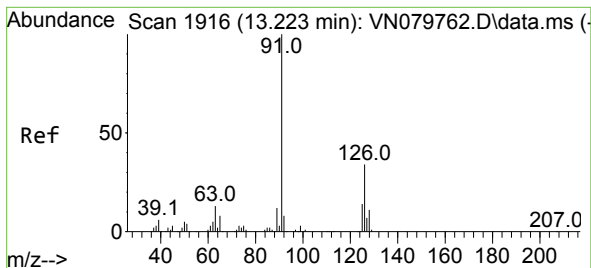
Ion Ratio Lower Upper

75 100

53 105.8 67.4 101.2#

89 44.9 38.8 58.2

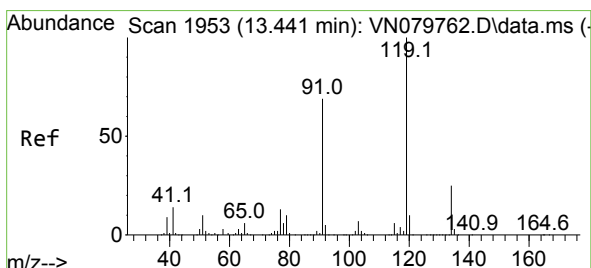
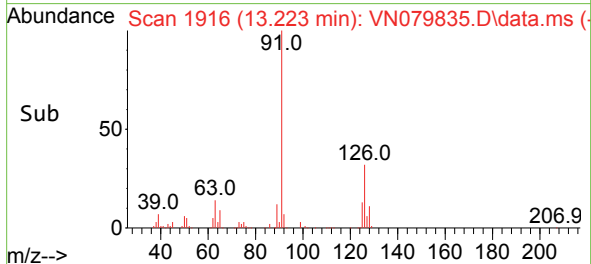
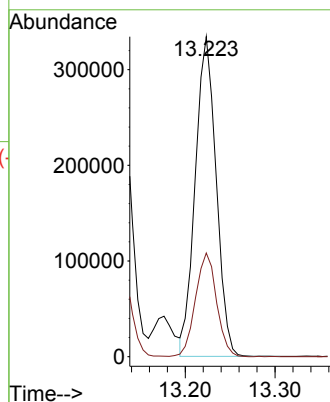
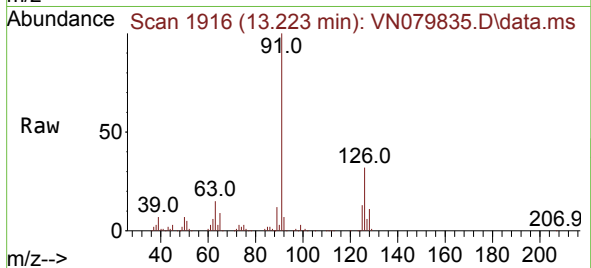




#82
4-Chlorotoluene
Concen: 51.196 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

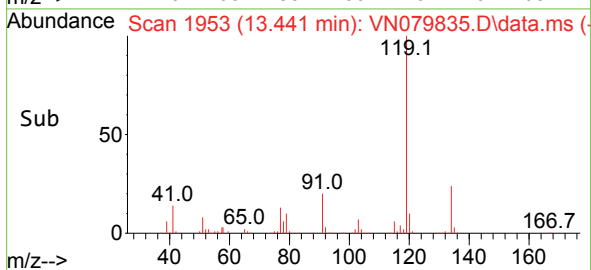
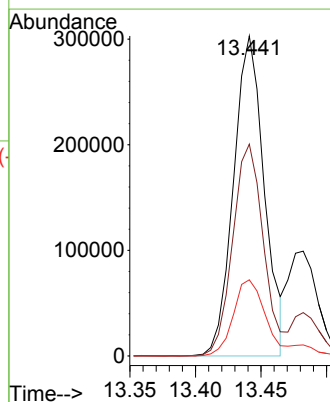
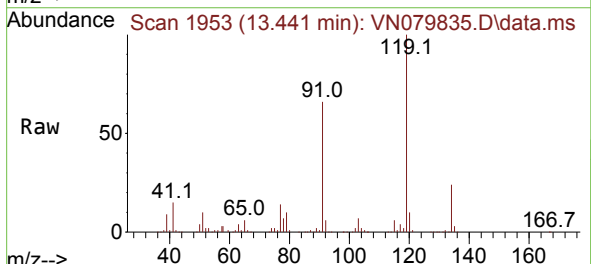
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02D-20231101MSD

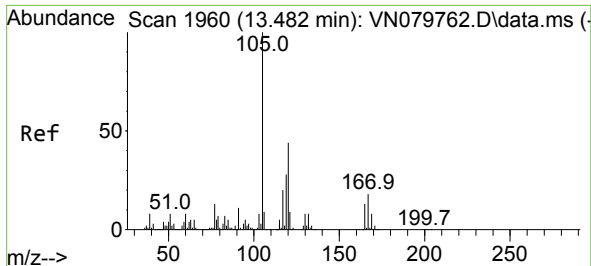
Tgt Ion: 91 Resp: 539810
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 53.547 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 119 Resp: 494623
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 24.8 13.2 39.6

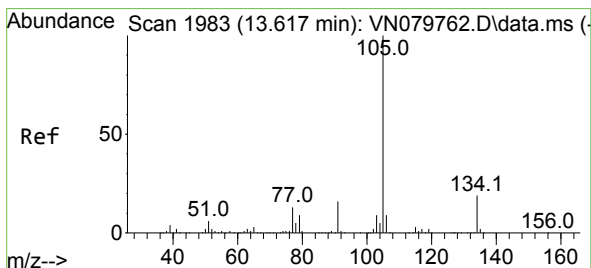
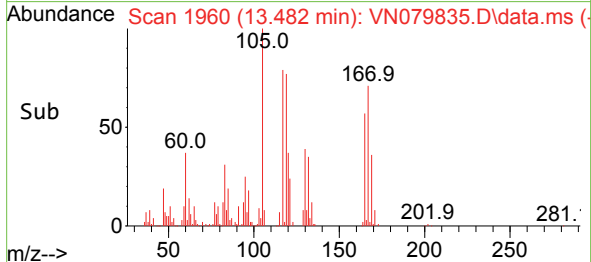
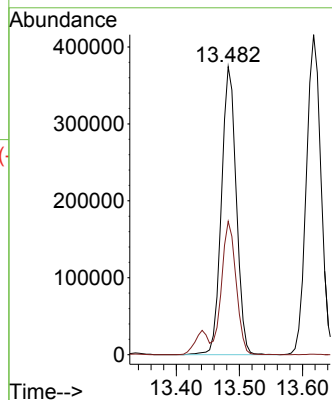
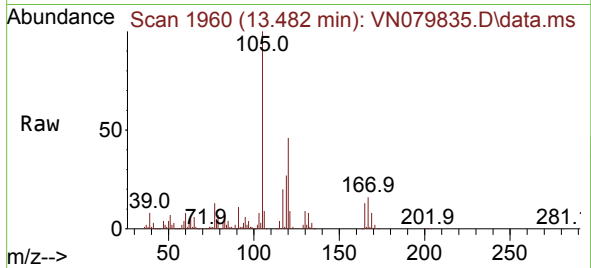




#84
1,2,4-Trimethylbenzene
Concen: 54.921 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

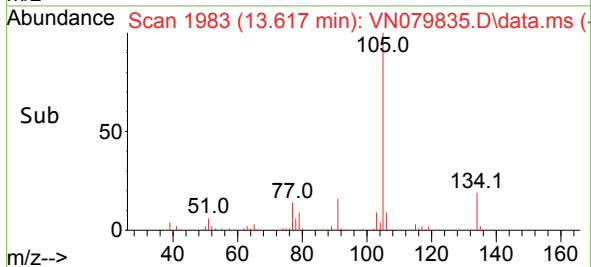
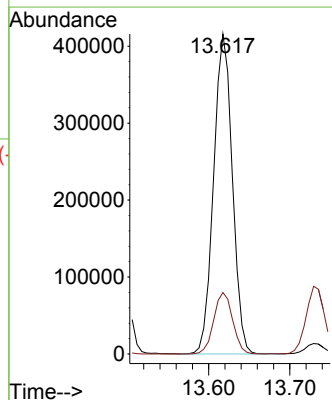
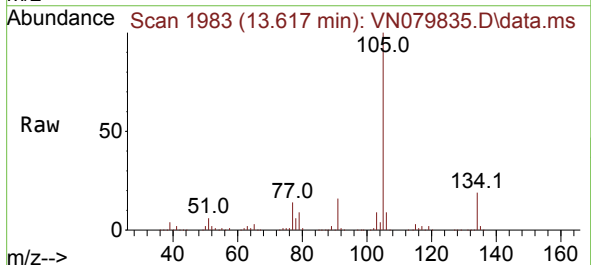
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

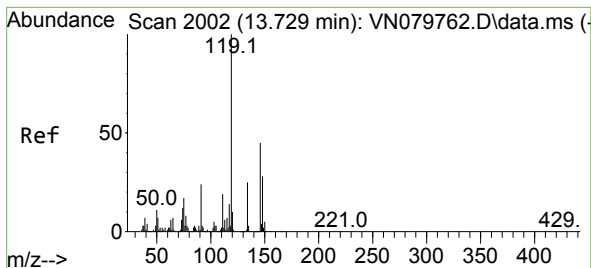
Tgt Ion:105 Resp: 609772
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 52.154 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion:105 Resp: 667459
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.3

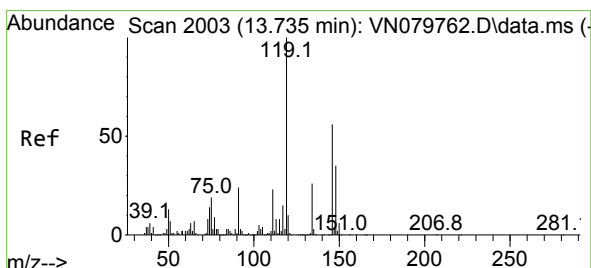
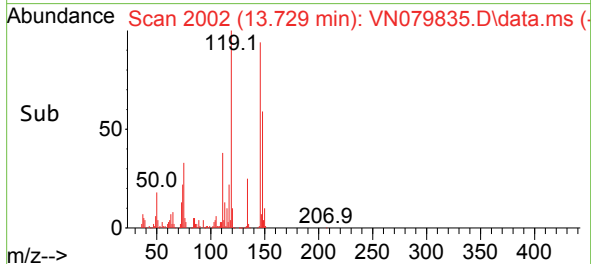
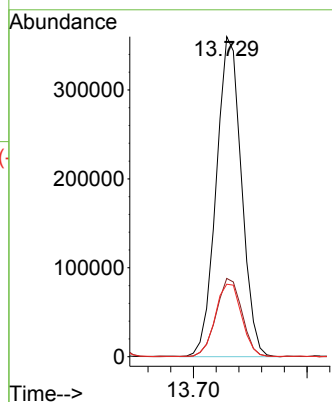
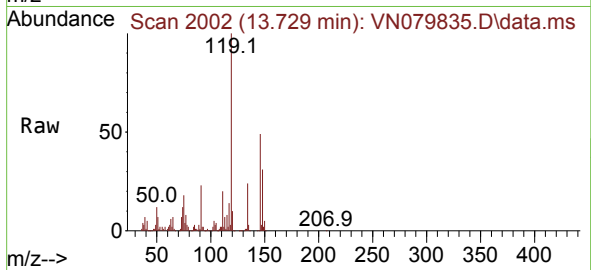




#86
 p-Isopropyltoluene
 Concen: 53.274 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

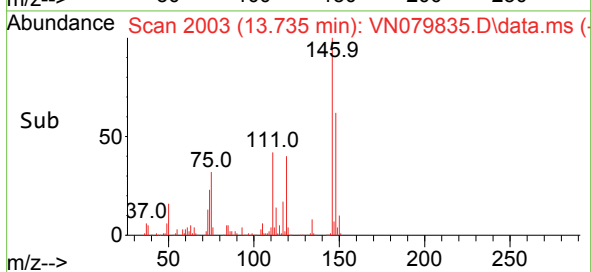
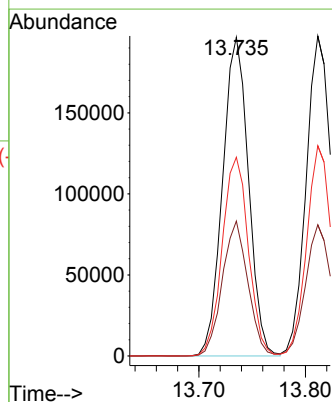
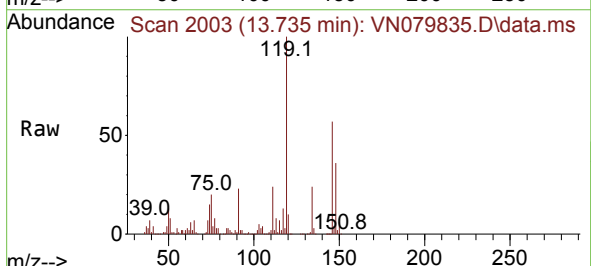
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD

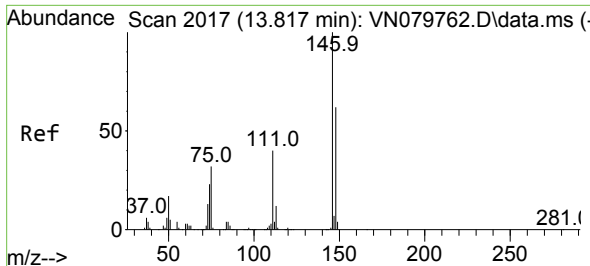
Tgt Ion:119 Resp: 555866
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 23.7 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 50.258 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion:146 Resp: 332001
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 63.0 32.0 96.0

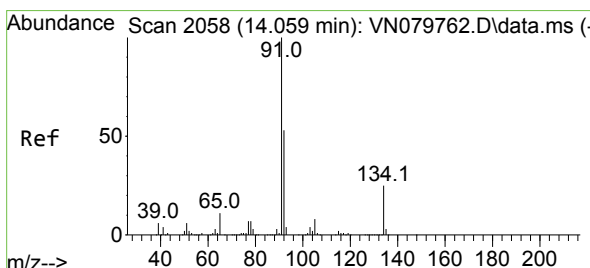
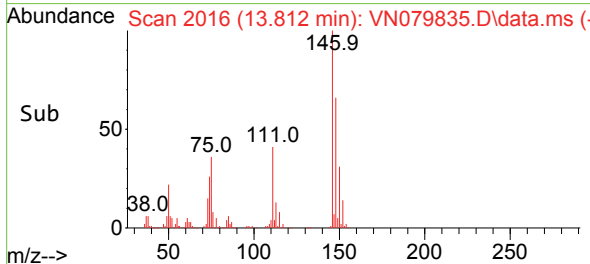
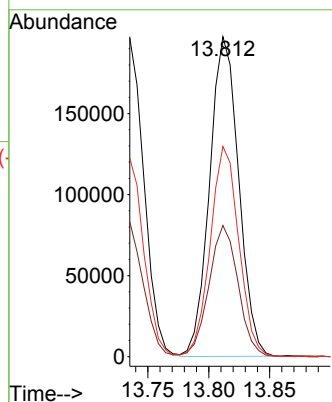
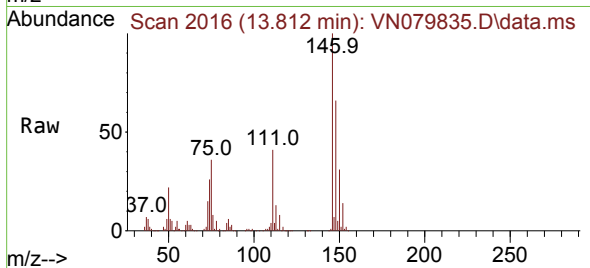




#88
1,4-Dichlorobenzene
Concen: 48.845 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

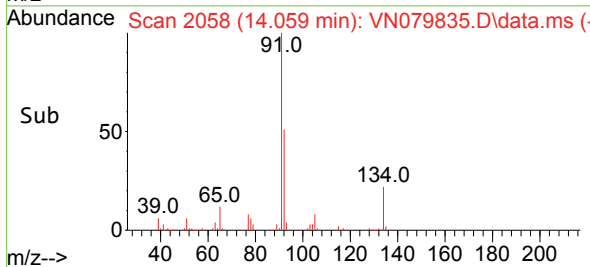
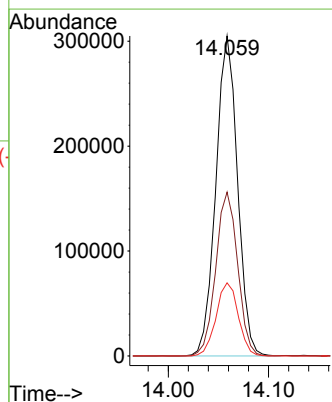
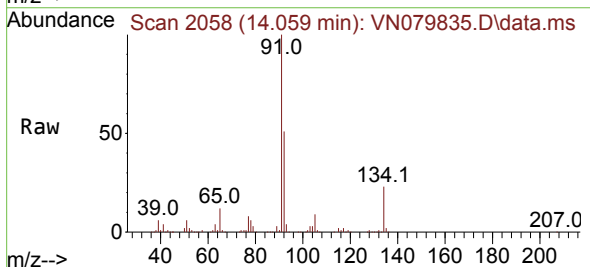
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

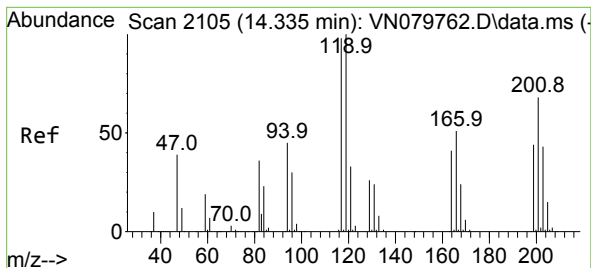
Tgt Ion:146 Resp: 327515
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.7 31.6 94.8



#89
n-Butylbenzene
Concen: 50.949 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

Tgt Ion: 91 Resp: 457872
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 23.4 12.6 37.6





#90

Hexachloroethane

Concen: 50.503 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

Instrument :

MSVOA_N

ClientSampleId :

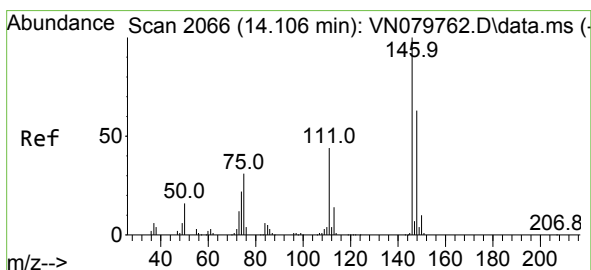
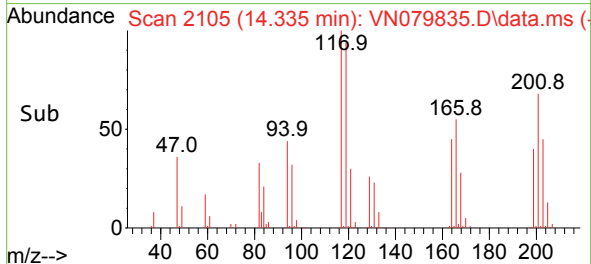
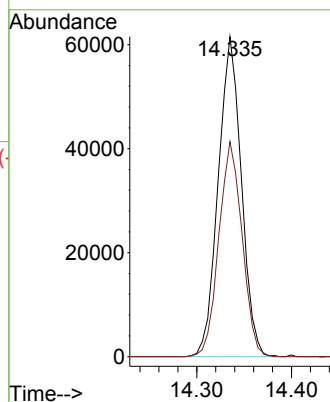
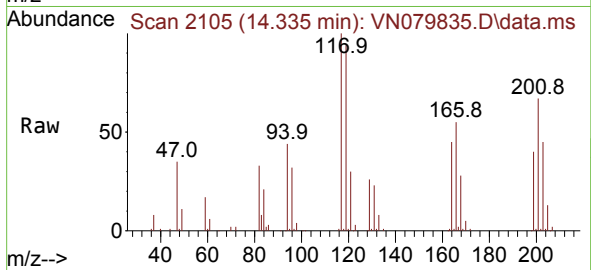
FSND-MW-EVAL-02D-20231101MSD

Tgt Ion:117 Resp: 104360

Ion Ratio Lower Upper

117 100

201 67.6 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 52.668 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079835.D

Acq: 03 Nov 2023 09:07

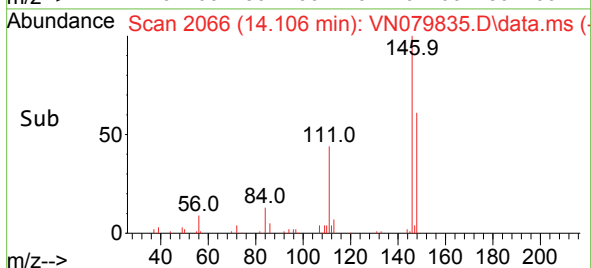
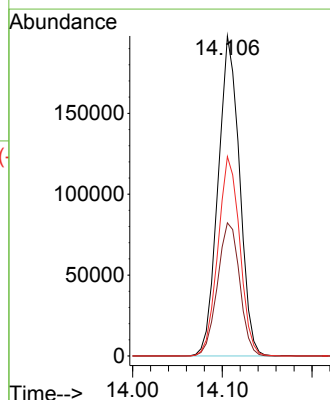
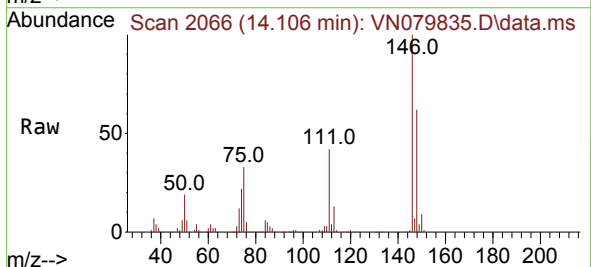
Tgt Ion:146 Resp: 328443

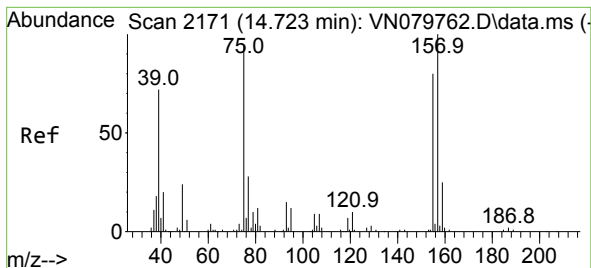
Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 63.4 31.8 95.3

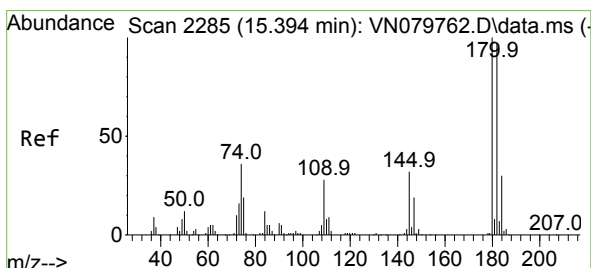
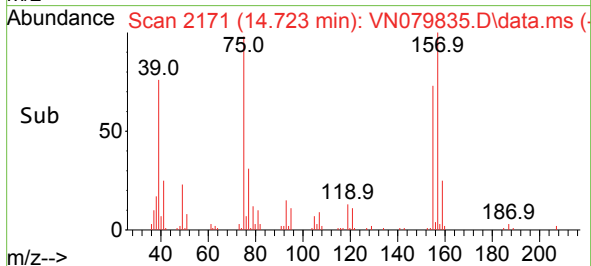
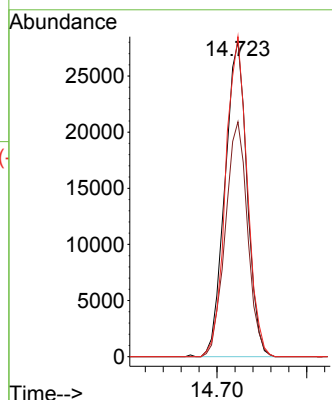
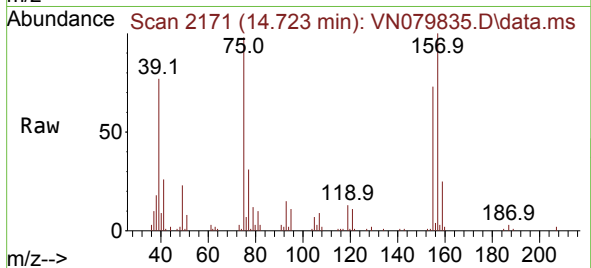




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.006 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

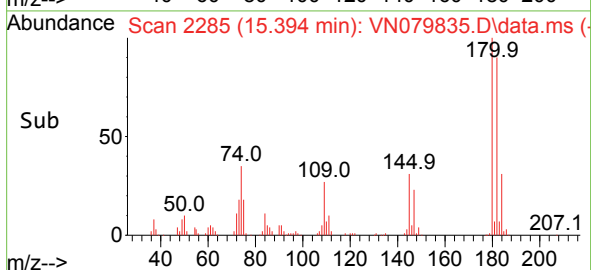
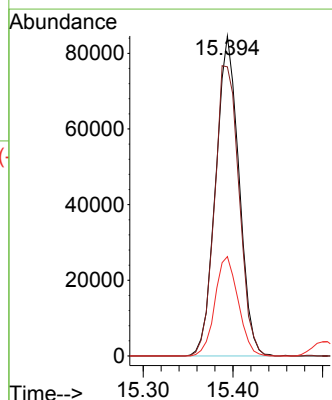
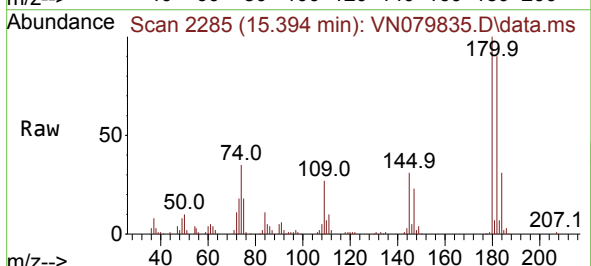
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD

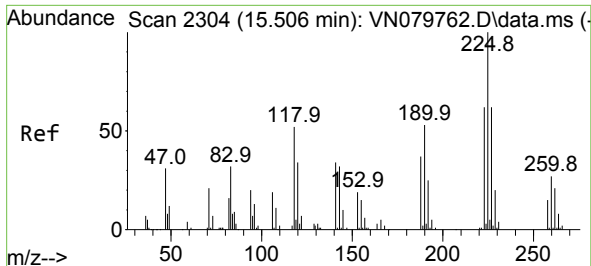
Tgt Ion: 75 Resp: 47971
 Ion Ratio Lower Upper
 75 100
 155 75.0 39.1 117.2
 157 98.9 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 51.291 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Tgt Ion:180 Resp: 152085
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.1 138.2
 145 31.0 16.6 49.8

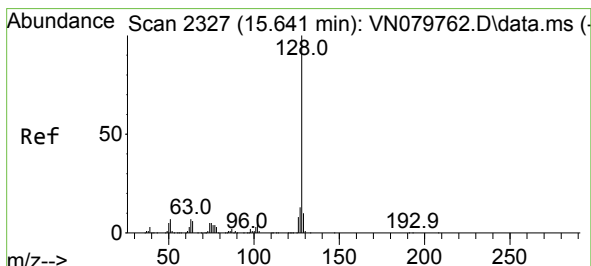
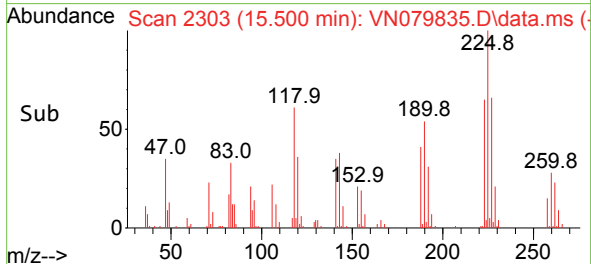
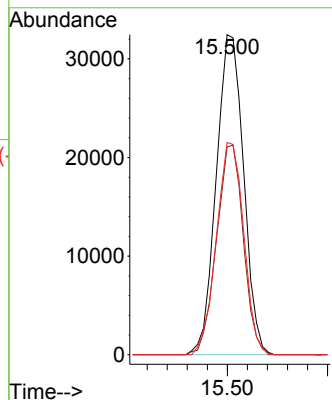
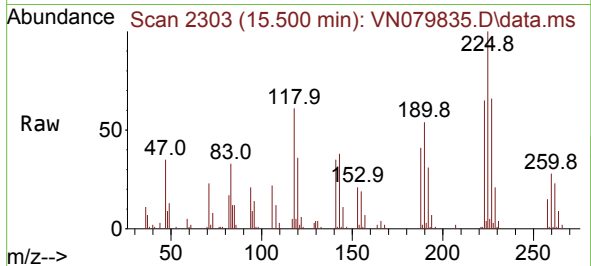




#94
Hexachlorobutadiene
Concen: 45.614 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

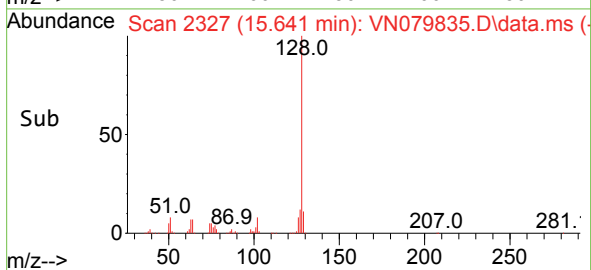
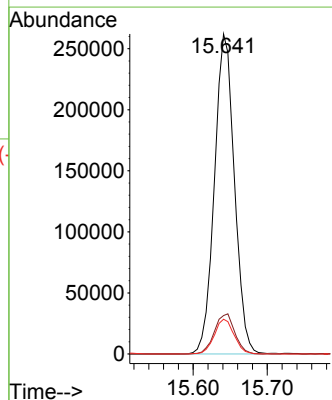
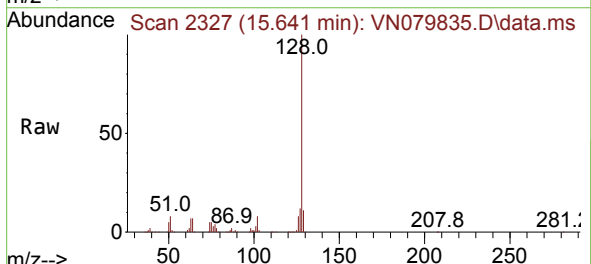
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02D-20231101MSD

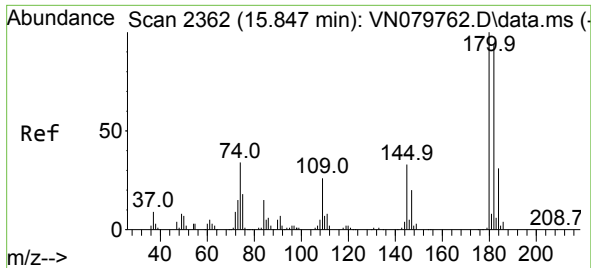
Tgt Ion:225 Resp: 61314
Ion Ratio Lower Upper
225 100
223 64.1 31.3 93.8
227 66.3 31.9 95.9



#95
Naphthalene
Concen: 48.847 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079835.D
Acq: 03 Nov 2023 09:07

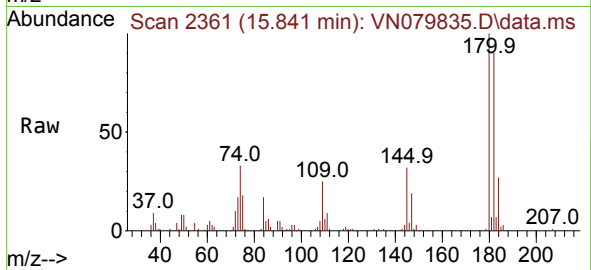
Tgt Ion:128 Resp: 491186
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.539 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079835.D
 Acq: 03 Nov 2023 09:07

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02D-20231101MSD



Tgt Ion:180 Resp: 152707
 Ion Ratio Lower Upper
 180 100
 182 93.8 46.2 138.6
 145 33.9 17.5 52.6

