

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079979.D
 Acq On : 07 Nov 2023 20:57
 Operator : JC\MD
 Sample : VN1107MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

Quant Time: Nov 08 04:36:20 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	8.230	168	337137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	532746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299137	58.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.480%	
35) Dibromofluoromethane	8.171	113	232152	56.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.460%	
50) Toluene-d8	10.571	98	841588	55.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.853	95	289357	57.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75915	18.694	ug/l	95
3) Chloromethane	2.359	50	105590	20.045	ug/l	99
4) Vinyl Chloride	2.512	62	103233	19.420	ug/l	98
5) Bromomethane	2.948	94	47858	14.818	ug/l	97
6) Chloroethane	3.118	64	56086	13.353	ug/l	99
7) Trichlorofluoromethane	3.495	101	151897	22.975	ug/l	99
8) Diethyl Ether	3.959	74	48603	19.372	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	73510	19.180	ug/l	98
10) Methyl Iodide	4.589	142	81281	18.571	ug/l	99
11) Tert butyl alcohol	5.524	59	64339	98.125	ug/l	97
12) 1,1-Dichloroethene	4.342	96	69315	19.101	ug/l #	82
13) Acrolein	4.183	56	47326	82.191	ug/l	97
14) Allyl chloride	5.024	41	121283	21.821	ug/l #	87
15) Acrylonitrile	5.724	53	216797	106.100	ug/l	99
16) Acetone	4.436	43	177262	98.249	ug/l	94
17) Carbon Disulfide	4.712	76	175392	16.756	ug/l	98
18) Methyl Acetate	5.030	43	185323	21.470	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	252434	20.205	ug/l	96
20) Methylene Chloride	5.283	84	90034	19.777	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	75834	18.737	ug/l #	79
22) Diisopropyl ether	6.677	45	284330	22.074	ug/l #	89
23) Vinyl Acetate	6.612	43	712721	100.314	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	165171	21.098	ug/l	97
25) 2-Butanone	7.494	43	283441	107.282	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	117995	18.224	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93913	19.398	ug/l	86
28) Bromochloromethane	7.818	49	84750	22.213	ug/l #	73
29) Tetrahydrofuran	7.847	42	177235	103.108	ug/l #	78
30) Chloroform	7.971	83	171179	20.129	ug/l	96
31) Cyclohexane	8.265	56	131134	19.321	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	143340	20.687	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	118034	20.025	ug/l	94
37) Ethyl Acetate	7.565	43	112704	20.848	ug/l #	94
38) Carbon Tetrachloride	8.365	117	120212	20.236	ug/l	95
39) Methylcyclohexane	9.606	83	104833	18.898	ug/l #	83
40) Benzene	8.612	78	364878	20.667	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	64819	22.580	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	134441	21.800	ug/l	98
43) Isopropyl Acetate	8.694	43	192055	20.258	ug/l #	91
44) Trichloroethene	9.353	130	84978	19.397	ug/l	99
45) 1,2-Dichloropropane	9.624	63	100168	22.201	ug/l	98
46) Dibromomethane	9.712	93	63487	20.608	ug/l	95
47) Bromodichloromethane	9.888	83	136811	20.823	ug/l	97
48) Methyl methacrylate	9.682	41	88631	21.344	ug/l #	82
49) 1,4-Dioxane	9.700	88	31957	435.534	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	595177	111.512	ug/l	90
52) Toluene	10.635	92	222228	21.232	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	129950	20.176	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	142806	20.342	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	89762	21.322	ug/l	95
56) Ethyl methacrylate	10.876	69	124749	20.775	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	156958	21.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	300251	98.654	ug/l	89
59) 2-Hexanone	11.200	43	424954	104.077	ug/l	88
60) Dibromochloromethane	11.365	129	91451	20.295	ug/l	98
61) 1,2-Dibromoethane	11.476	107	87374	20.679	ug/l	98
64) Tetrachloroethene	11.112	164	70779	20.514	ug/l	99
65) Chlorobenzene	11.894	112	231191	20.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	86985	20.892	ug/l	98
67) Ethyl Benzene	11.970	91	402705	20.001	ug/l	93
68) m/p-Xylenes	12.076	106	298237	39.764	ug/l	91
69) o-Xylene	12.406	106	146598	20.298	ug/l	93
70) Styrene	12.418	104	242790	20.918	ug/l	97
71) Bromoform	12.582	173	60848	20.581	ug/l #	99
73) Isopropylbenzene	12.700	105	362955	19.965	ug/l	99
74) N-amyl acetate	12.500	43	153742	19.374	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	132216	20.512	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	159391	28.342	ug/l	72
77) Bromobenzene	12.982	156	89833	20.183	ug/l	93
78) n-propylbenzene	13.041	91	429201	20.616	ug/l	98
79) 2-Chlorotoluene	13.129	91	271083	20.383	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	302378	21.378	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	34250	16.570	ug/l #	80
82) 4-Chlorotoluene	13.223	91	272857	20.646	ug/l	97
83) tert-Butylbenzene	13.441	119	249227	21.526	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	300339	21.582	ug/l	100
85) sec-Butylbenzene	13.617	105	340692	21.239	ug/l	99
86) p-Isopropyltoluene	13.735	119	271823	20.785	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	158793	19.178	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	160469	19.093	ug/l	99
89) n-Butylbenzene	14.059	91	223801	19.868	ug/l	97
90) Hexachloroethane	14.341	117	53575	20.685	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	160441	20.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23067	21.102	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	70598	18.995	ug/l	99
94) Hexachlorobutadiene	15.506	225	34593	20.532	ug/l	98
95) Naphthalene	15.647	128	227516	18.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70321	19.302	ug/l	98

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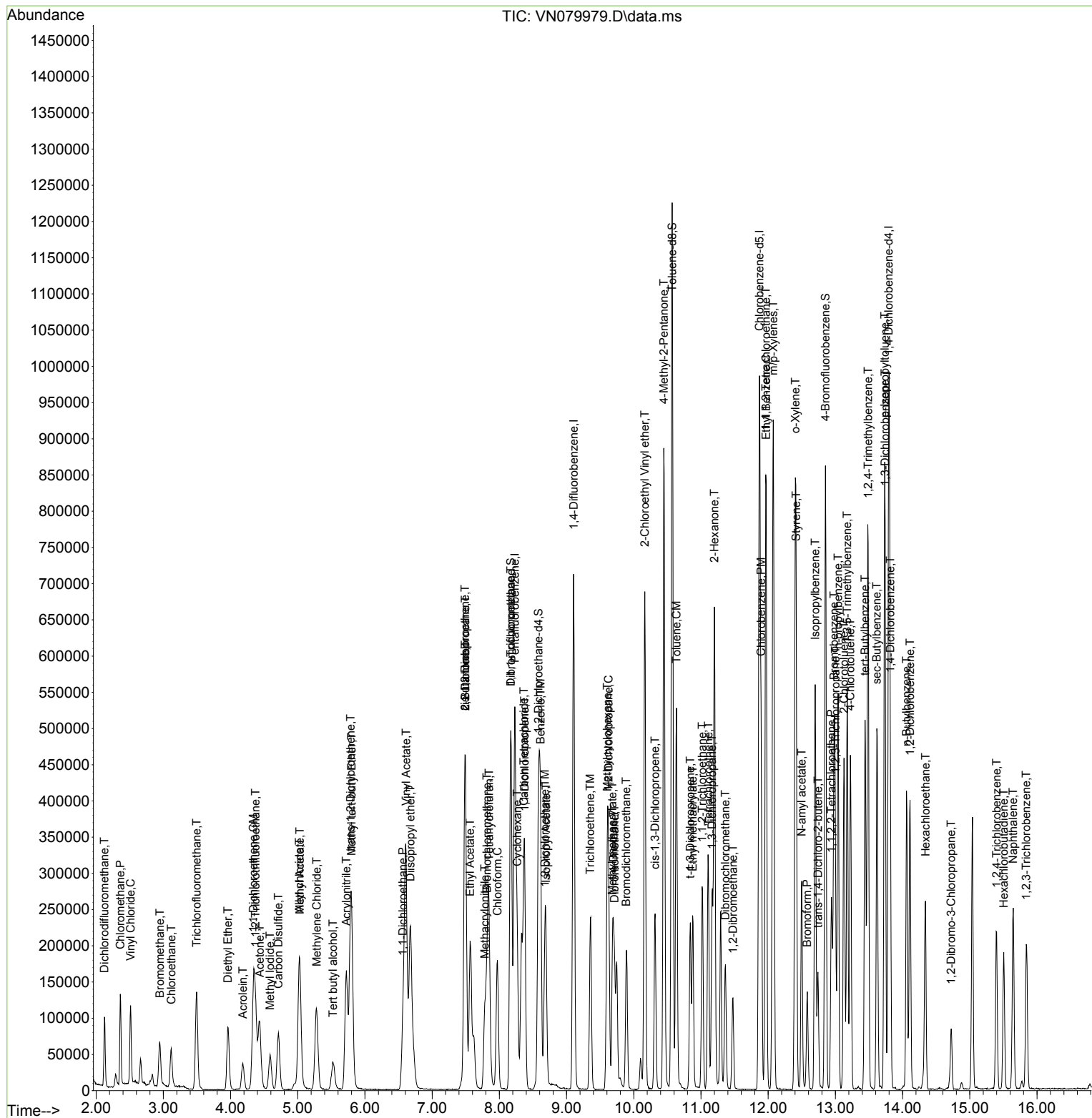
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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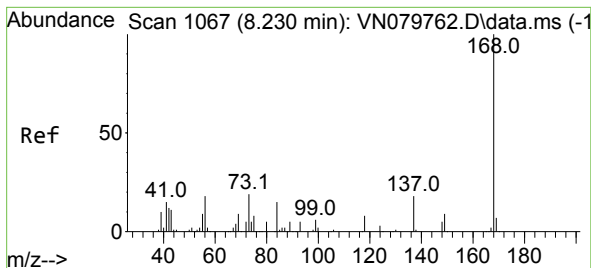
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

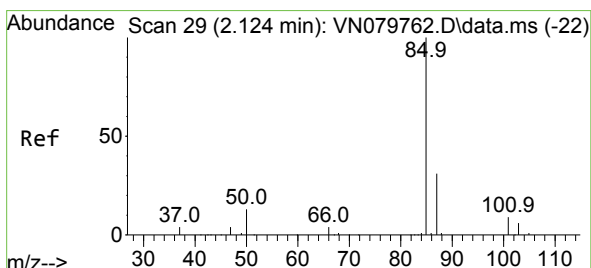
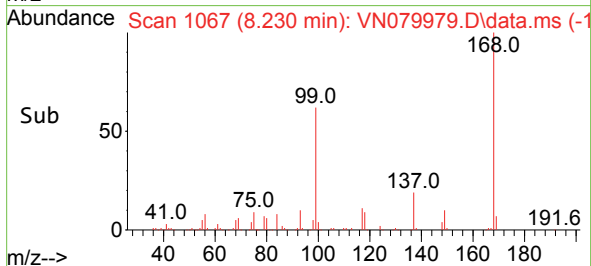
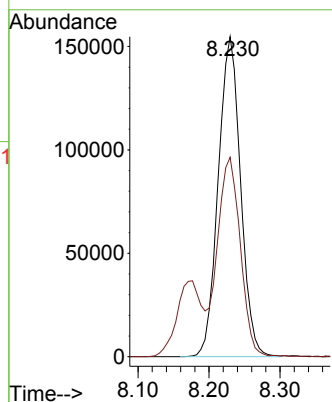
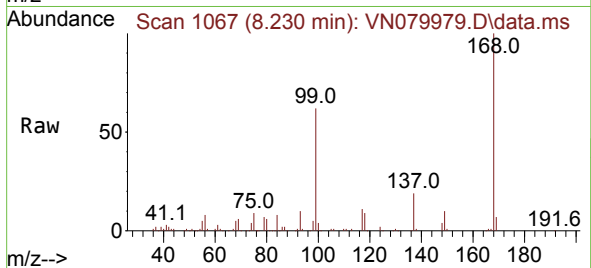
VN1107MBS01

Tgt Ion:168 Resp: 337137

Ion Ratio Lower Upper

168 100

99 62.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 18.694 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079979.D

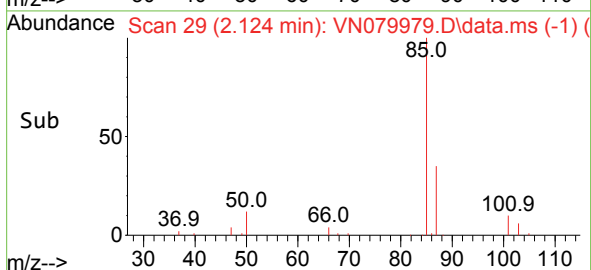
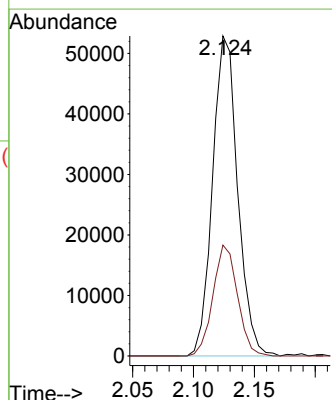
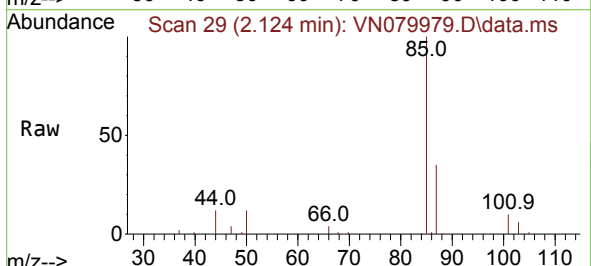
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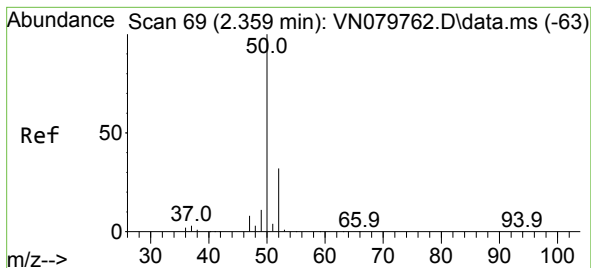
Tgt Ion: 85 Resp: 75915

Ion Ratio Lower Upper

85 100

87 34.6 15.8 47.4





#3

Chloromethane

Concen: 20.045 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

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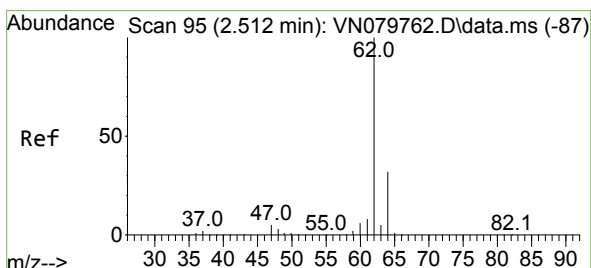
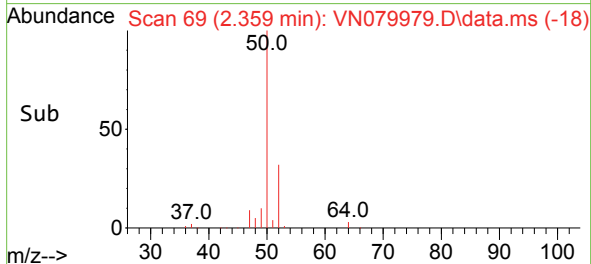
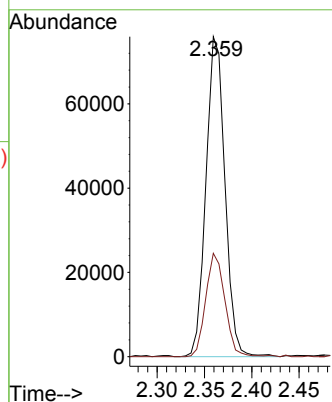
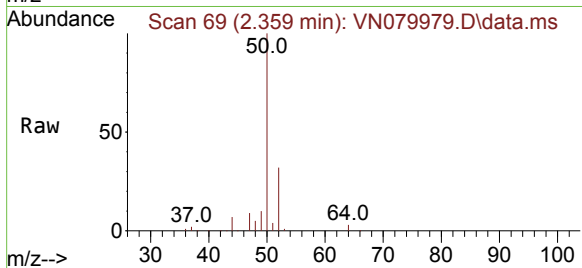
VN1107MBS01

Tgt Ion: 50 Resp: 105590

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.420 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079979.D

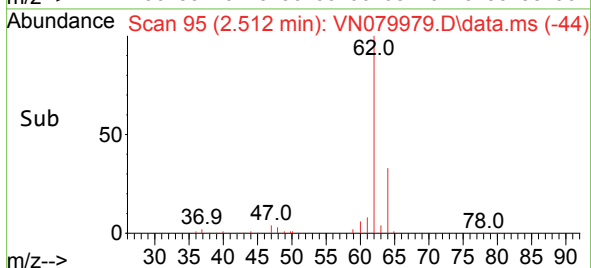
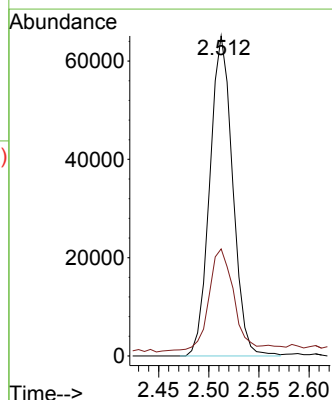
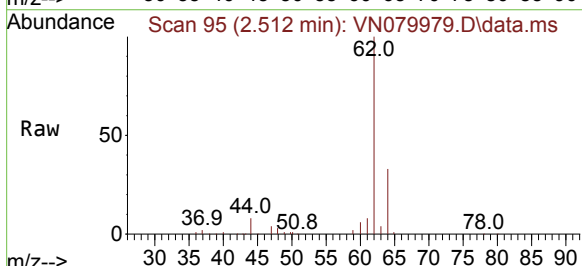
Acq: 07 Nov 2023 20:57

Tgt Ion: 62 Resp: 103233

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2

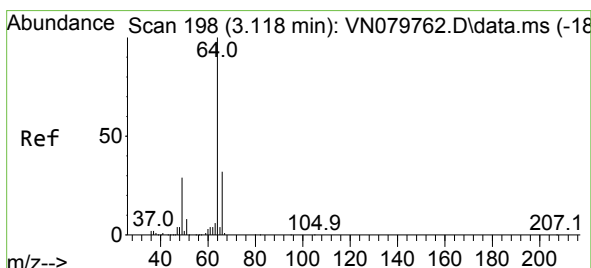
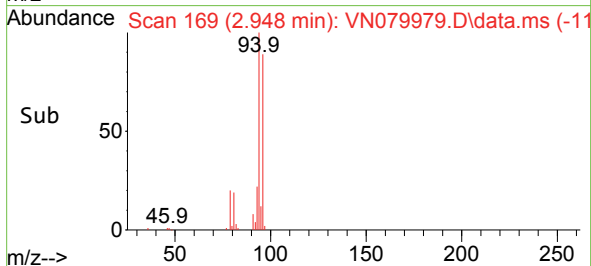
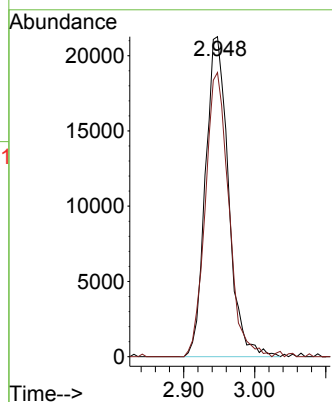
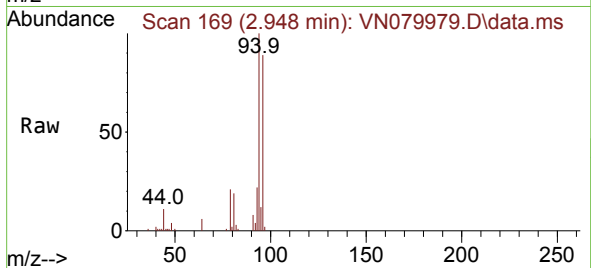




#5
Bromomethane
Concen: 14.818 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079979.D
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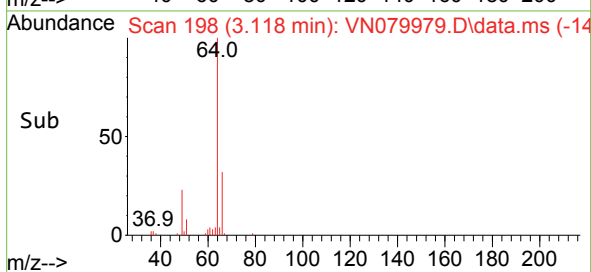
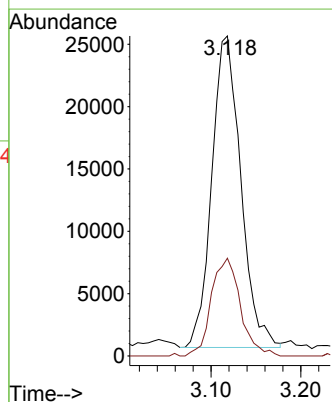
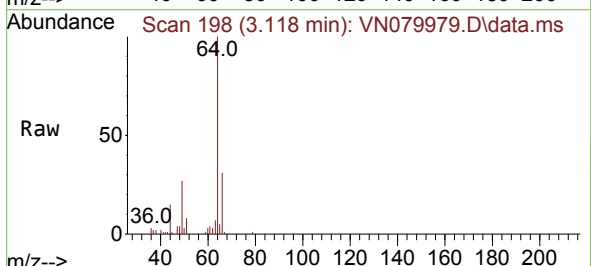
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Tgt Ion: 94 Resp: 47858
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 13.353 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 64 Resp: 56086
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

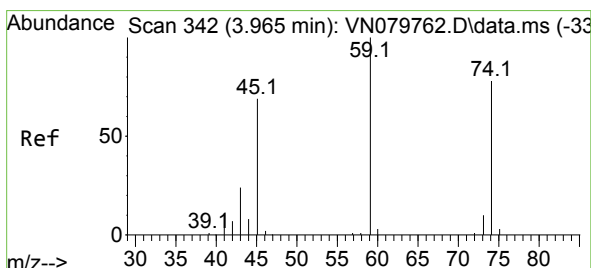
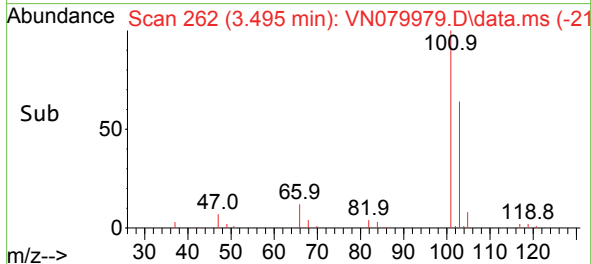
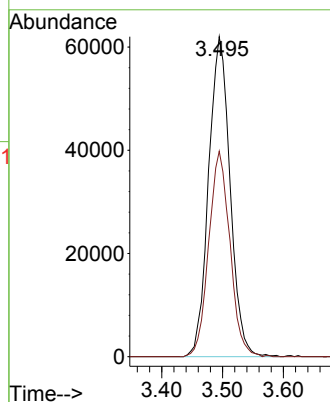
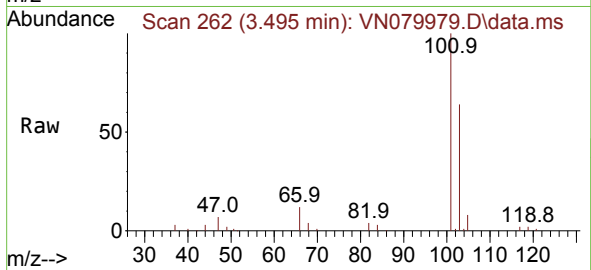




#7
 Trichlorofluoromethane
 Concen: 22.975 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

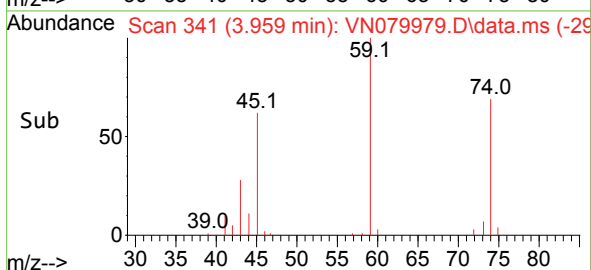
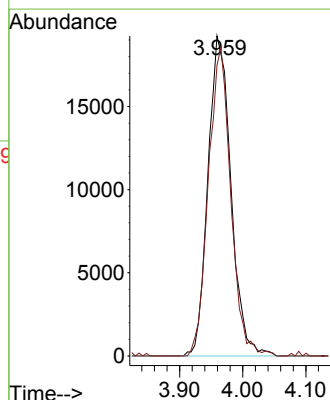
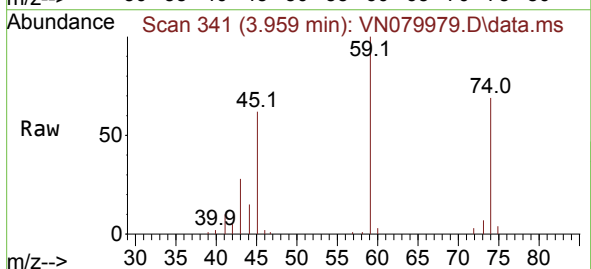
Instrument :
 MSVOA_N
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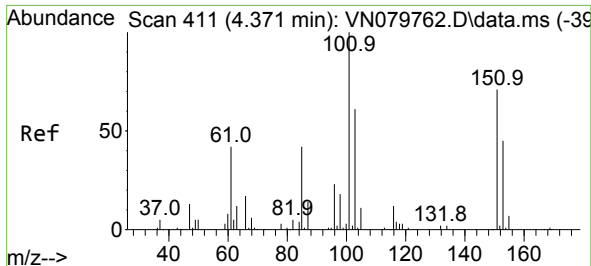
Tgt Ion:101 Resp: 151897
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.372 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 48603
 Ion Ratio Lower Upper
 74 100
 45 93.9 34.4 103.3

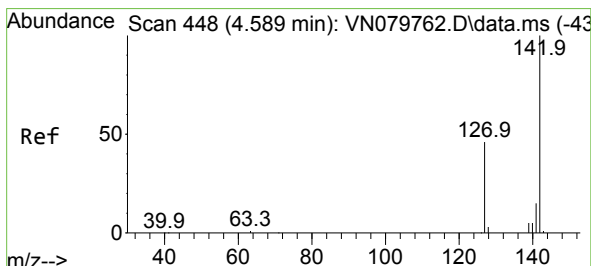
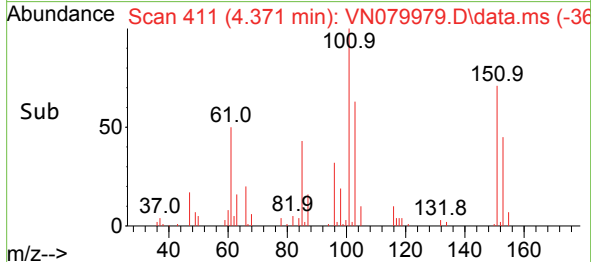
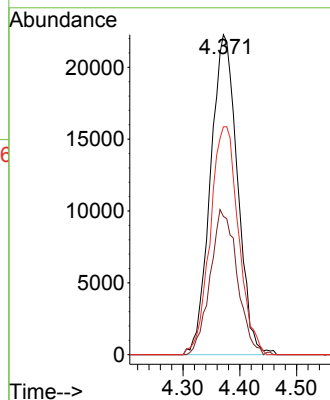
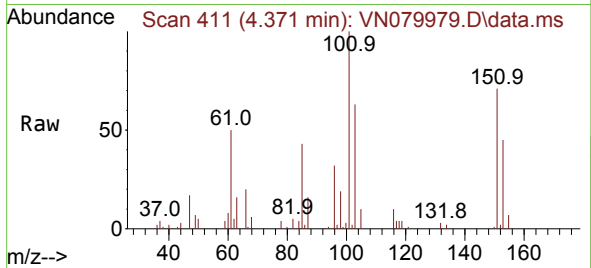




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.180 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

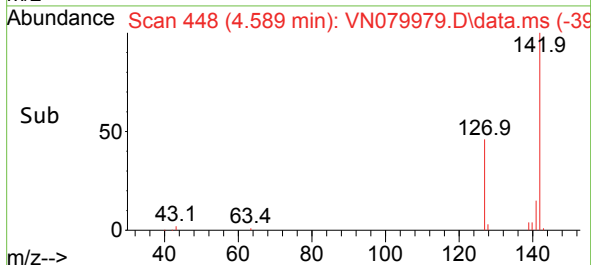
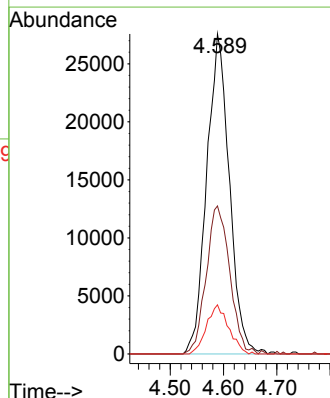
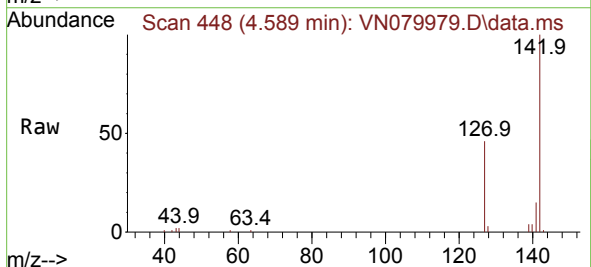
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

Tgt Ion:101 Resp: 73510
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 18.571 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:142 Resp: 81281
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 15.4 11.4 17.0

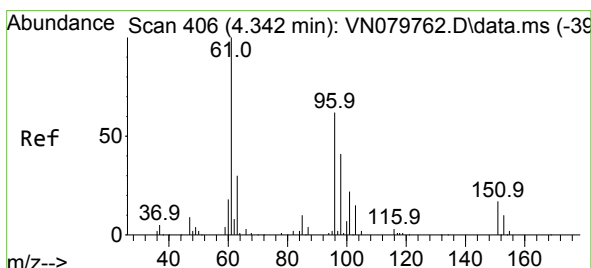
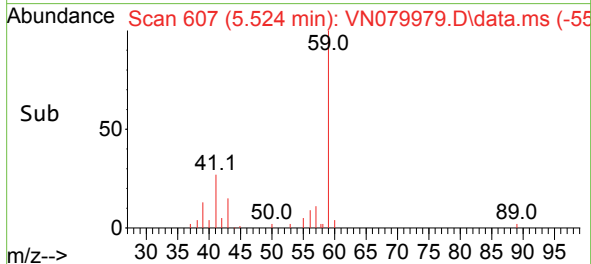
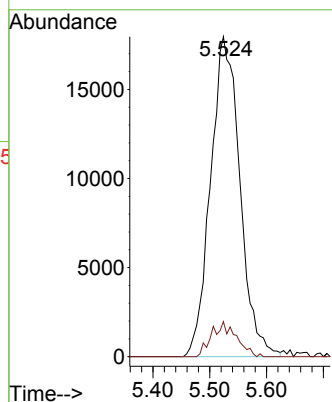
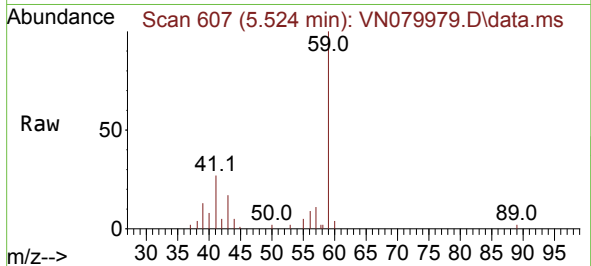




#11
Tert butyl alcohol
Concen: 98.125 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

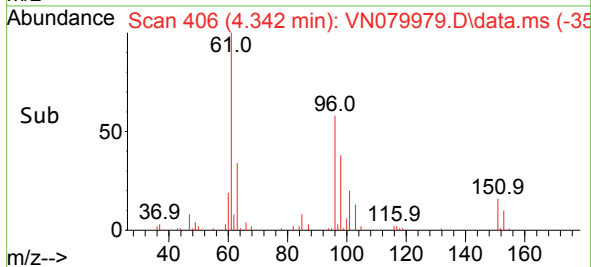
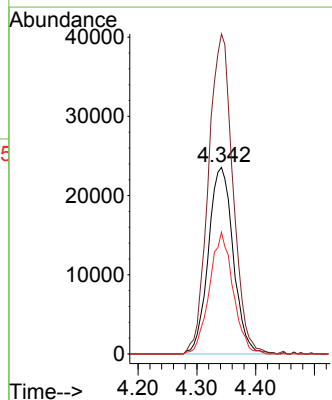
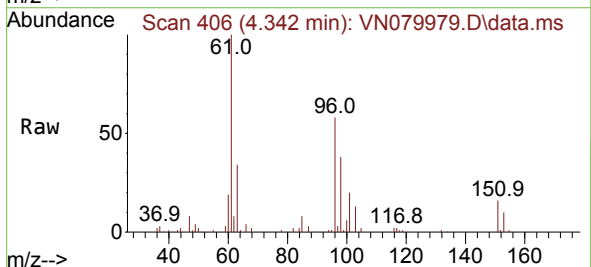
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

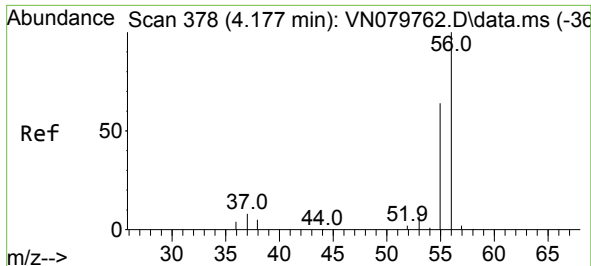
Tgt Ion: 59 Resp: 64339
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.101 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 96 Resp: 69315
Ion Ratio Lower Upper
96 100
61 171.5 112.7 169.1#
98 65.3 51.2 76.8

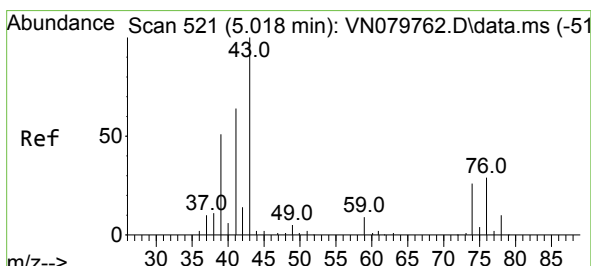
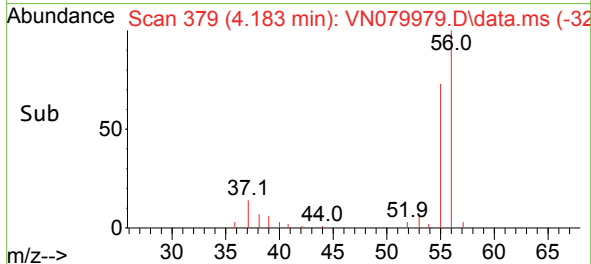
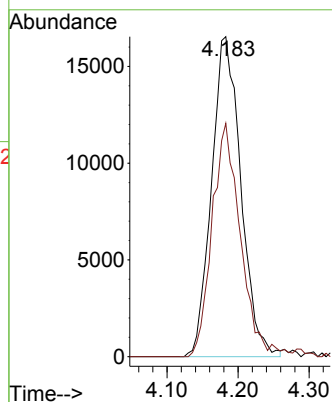
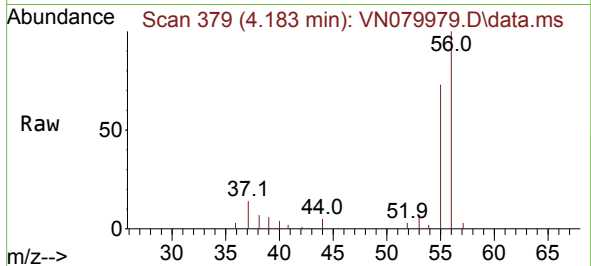




#13
Acrolein
Concen: 82.191 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

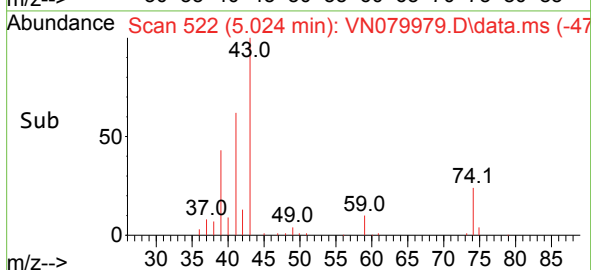
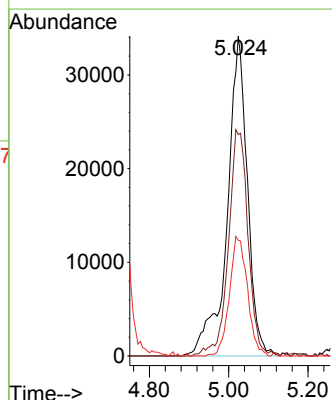
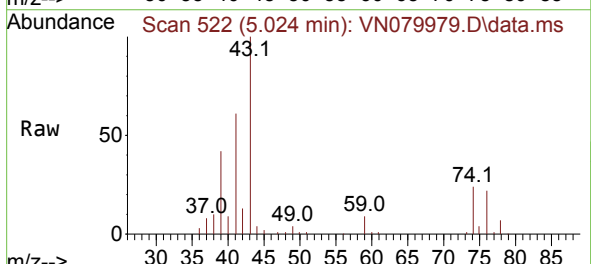
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

Tgt Ion: 56 Resp: 47326
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 21.821 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 41 Resp: 121283
Ion Ratio Lower Upper
41 100
39 68.0 58.8 88.2
76 33.2 39.1 58.7#

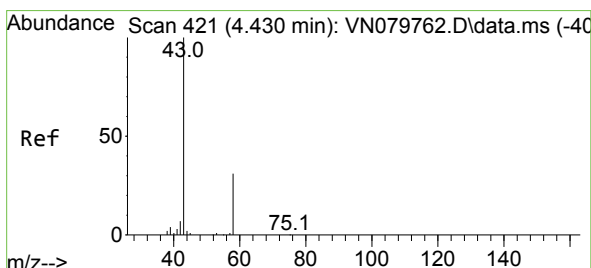
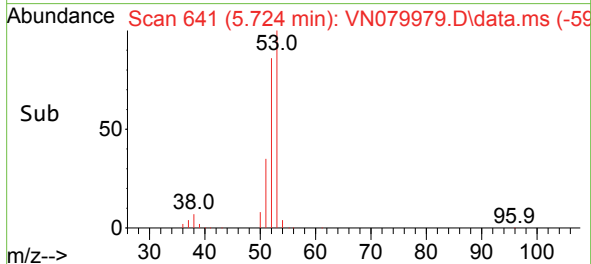
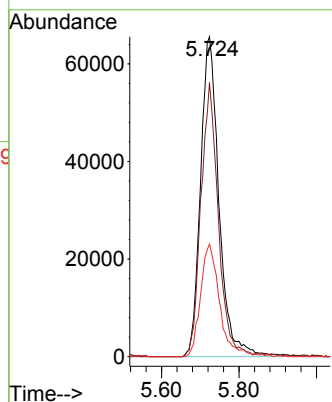
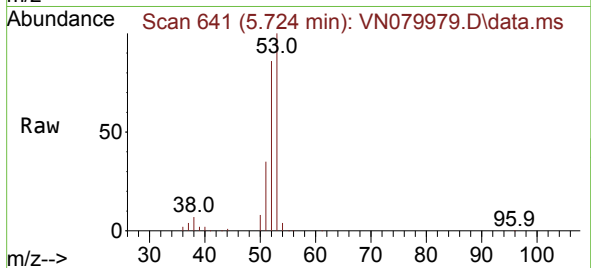




#15
Acrylonitrile
Concen: 106.100 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

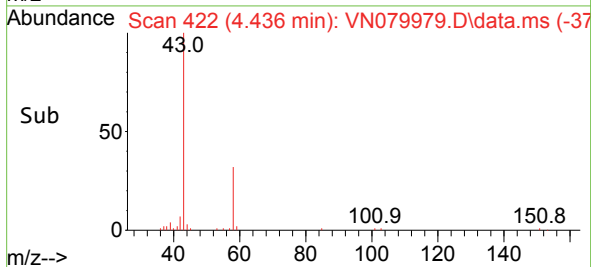
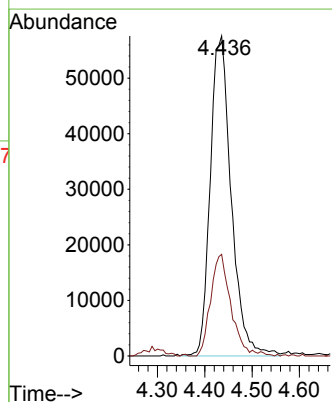
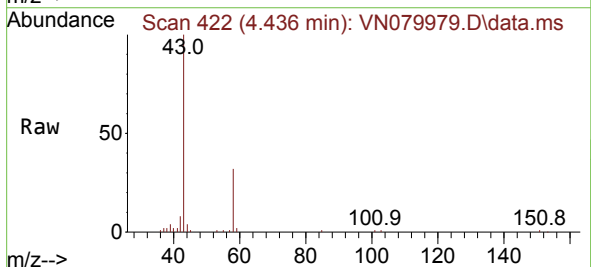
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

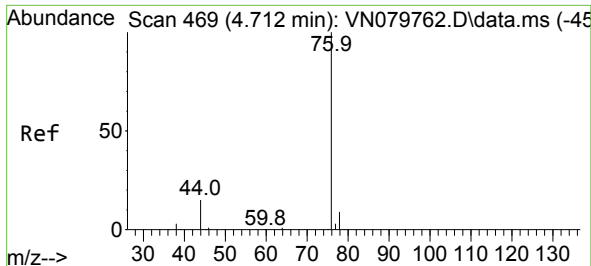
Tgt Ion: 53 Resp: 216797
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 36.3 28.9 43.3



#16
Acetone
Concen: 98.249 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 43 Resp: 177262
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0

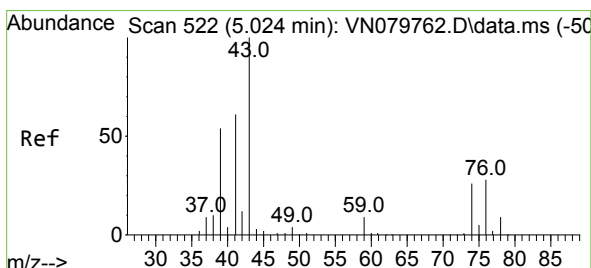
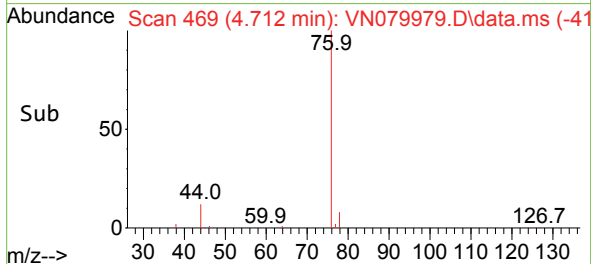
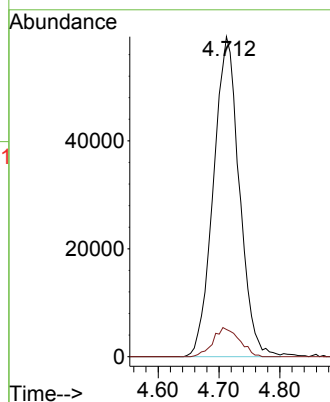
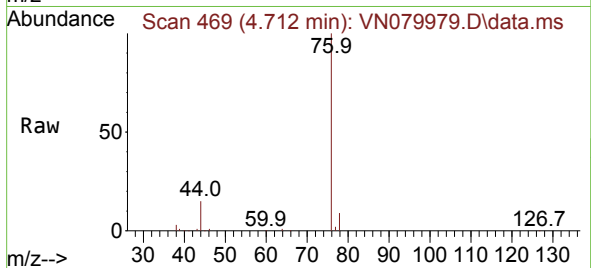




#17
Carbon Disulfide
Concen: 16.756 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

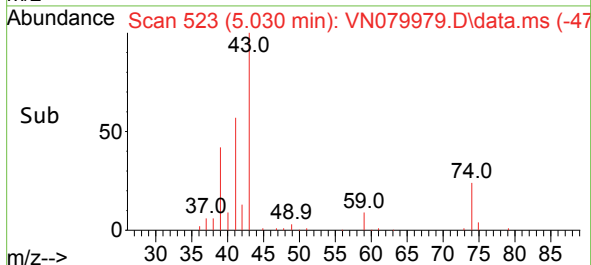
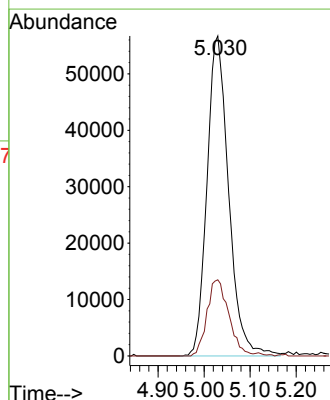
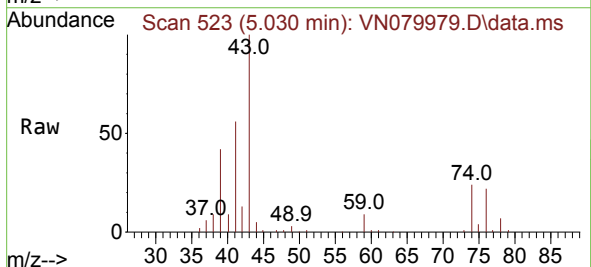
Instrument :
MSVOA_N
ClientSampleId :
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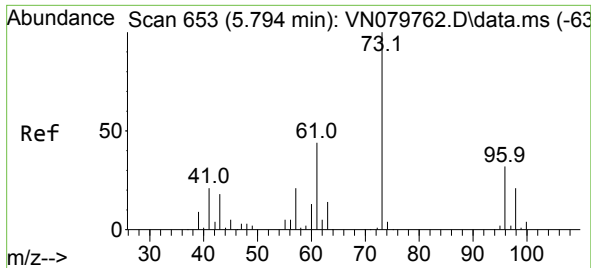
Tgt Ion: 76 Resp: 175392
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 21.470 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 43 Resp: 185323
Ion Ratio Lower Upper
43 100
74 23.9 26.2 39.4#

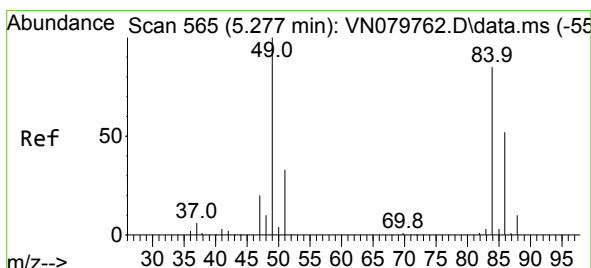
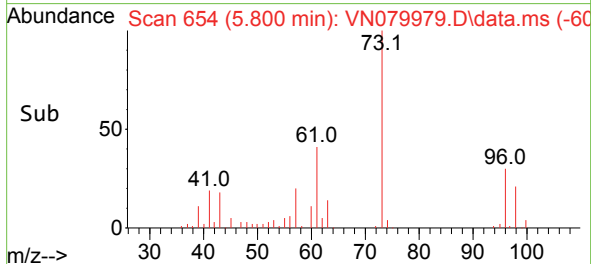
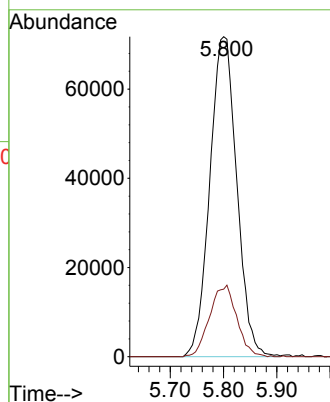
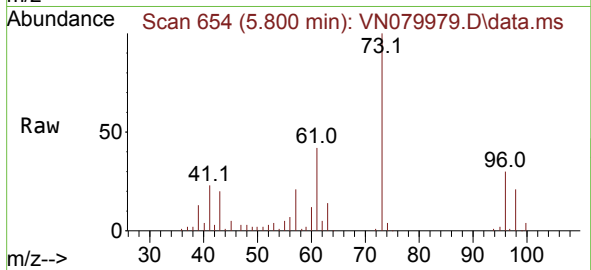




#19
Methyl tert-butyl Ether
Concen: 20.205 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

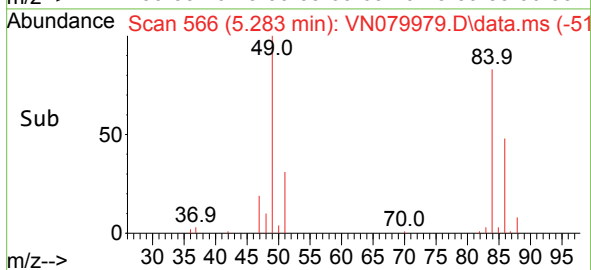
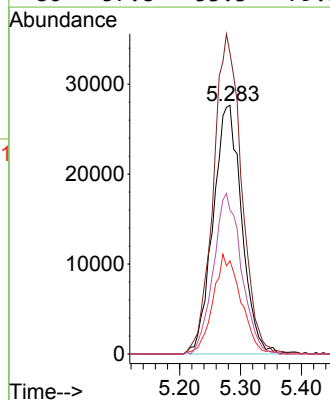
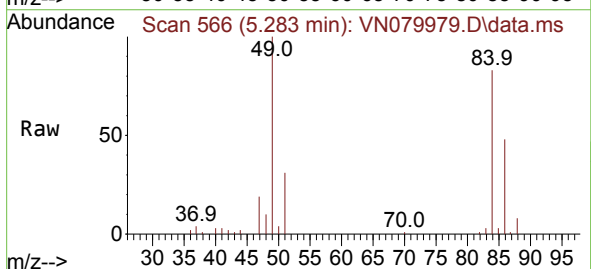
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

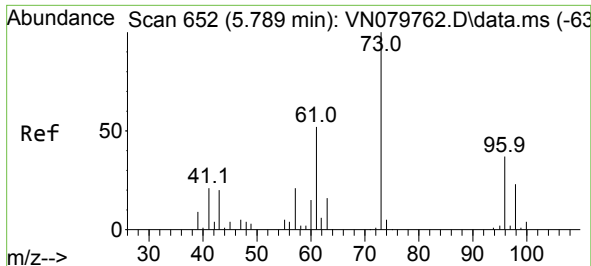
Tgt Ion: 73 Resp: 252434
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4



#20
Methylene Chloride
Concen: 19.777 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 84 Resp: 90034
Ion Ratio Lower Upper
84 100
49 121.1 79.7 119.5#
51 37.4 25.2 37.8
86 57.8 53.3 79.9

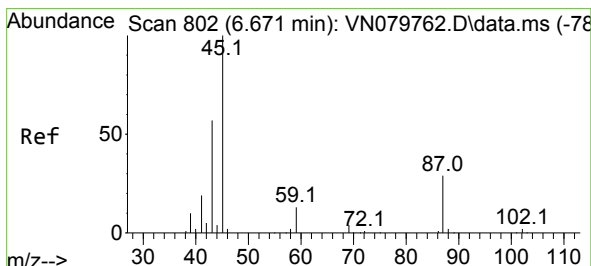
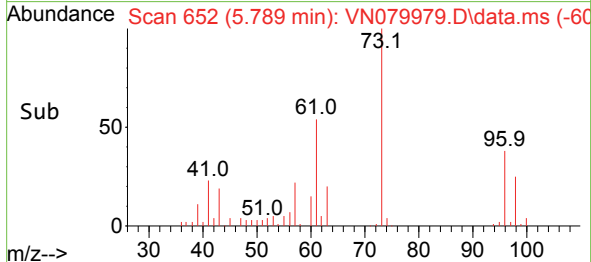
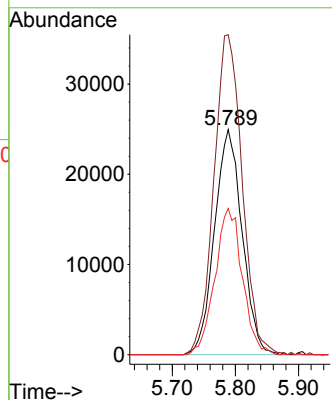
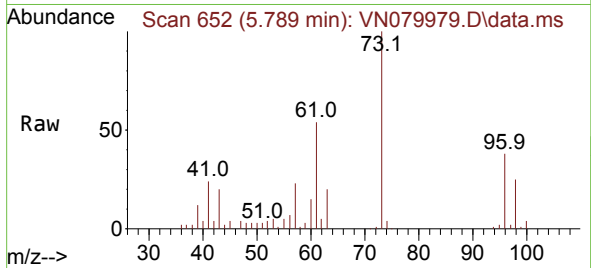




#21
trans-1,2-Dichloroethene
Concen: 18.737 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

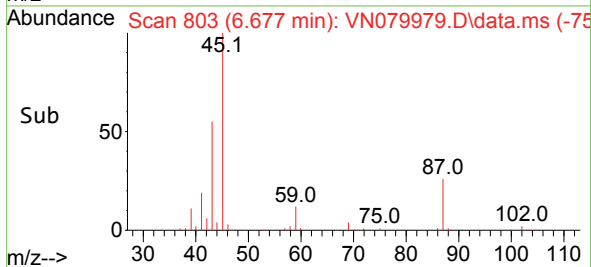
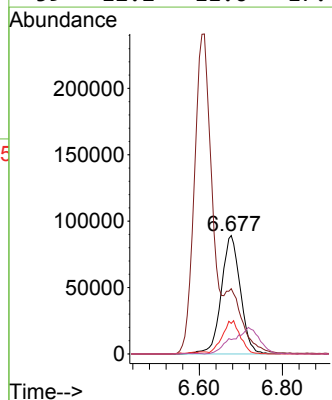
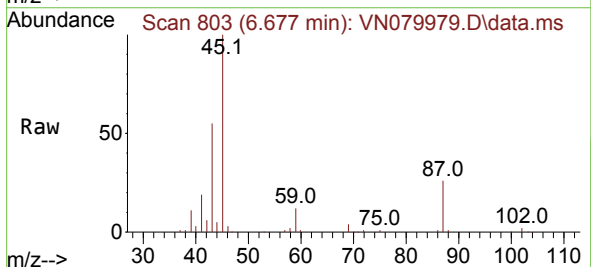
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

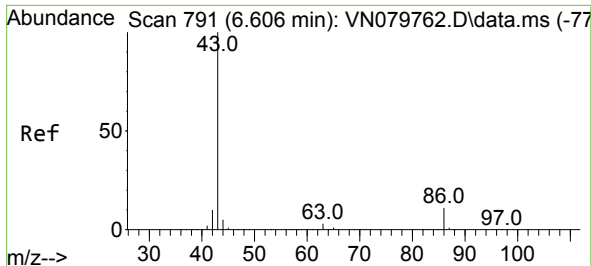
Tgt Ion: 96 Resp: 75834
Ion Ratio Lower Upper
96 100
61 142.2 90.1 135.1#
98 65.0 46.4 69.6



#22
Diisopropyl ether
Concen: 22.074 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 45 Resp: 284330
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 25.9 31.8 47.8#
59 12.2 11.6 17.4

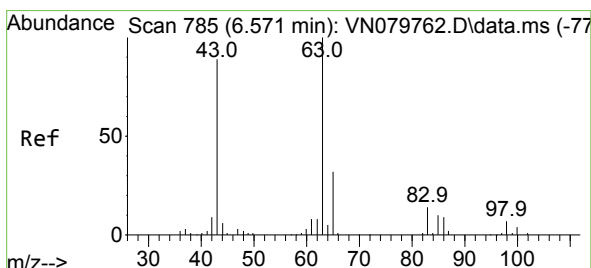
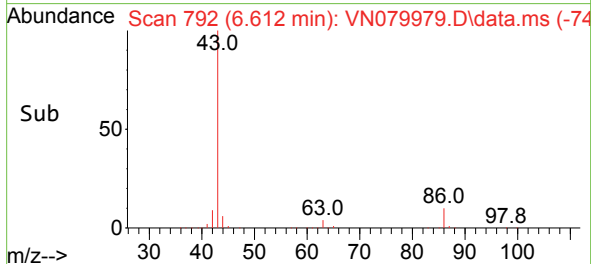
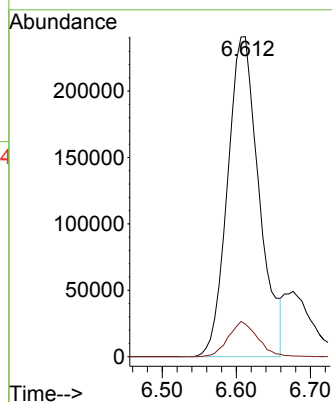
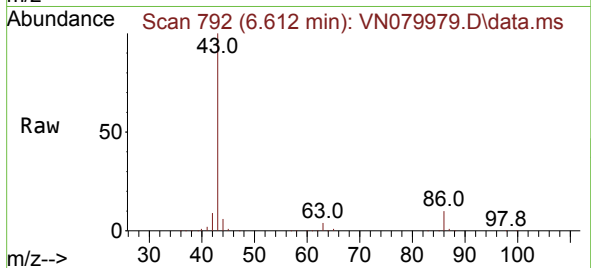




#23
 Vinyl Acetate
 Concen: 100.314 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

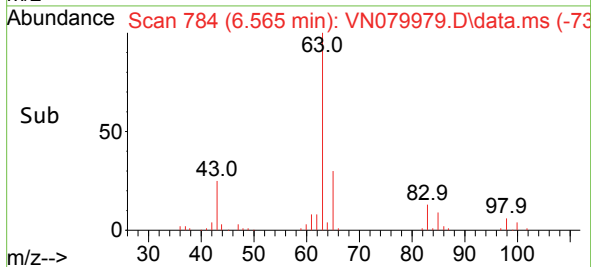
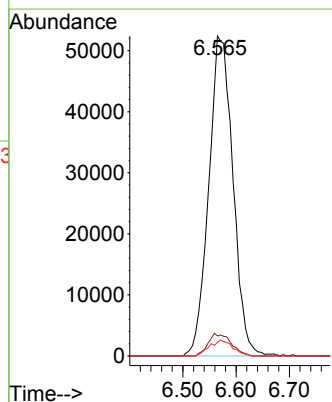
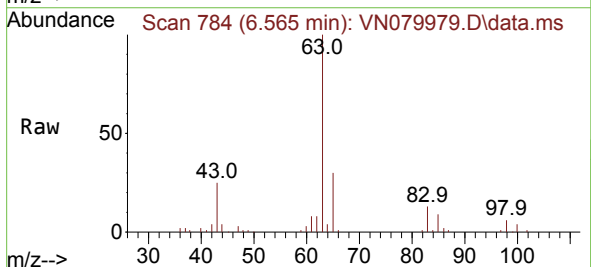
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

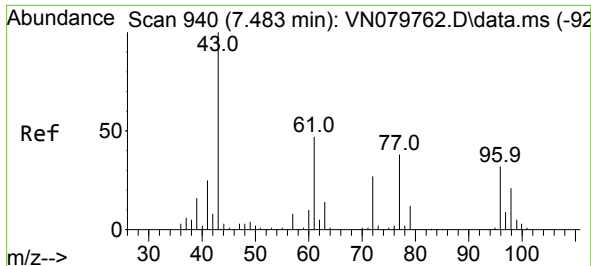
Tgt Ion: 43 Resp: 712721
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.098 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

Tgt Ion: 63 Resp: 165171
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.3 2.5 7.4

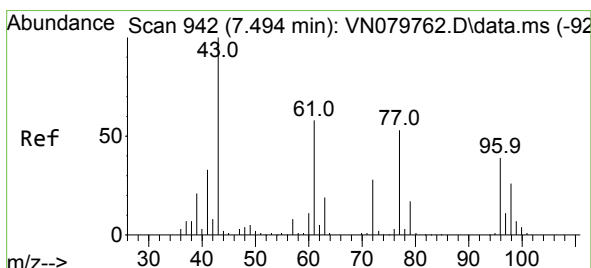
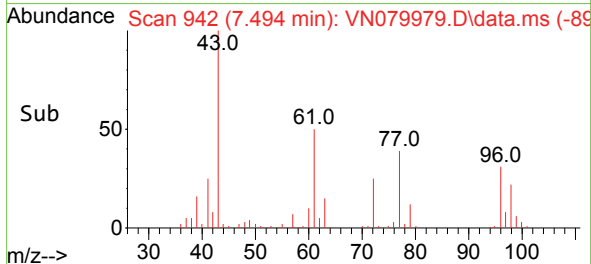
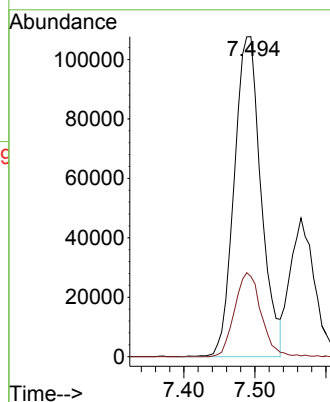
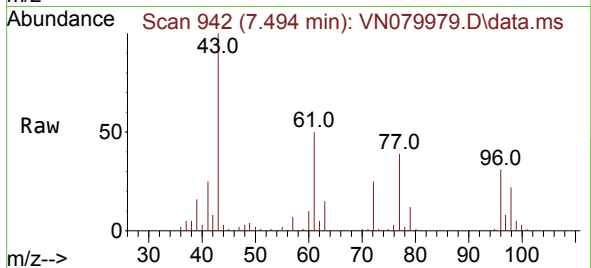




#25
2-Butanone
Concen: 107.282 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

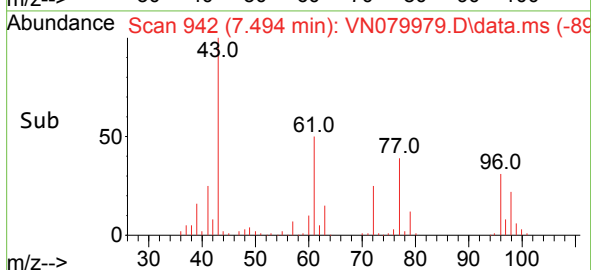
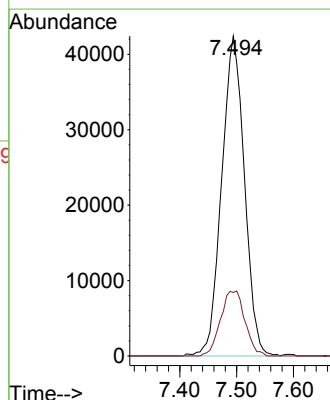
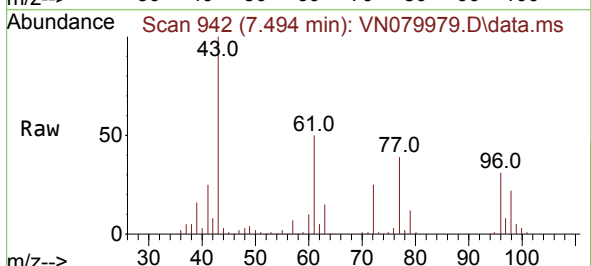
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

Tgt Ion: 43 Resp: 283441
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.224 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 77 Resp: 117995
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6

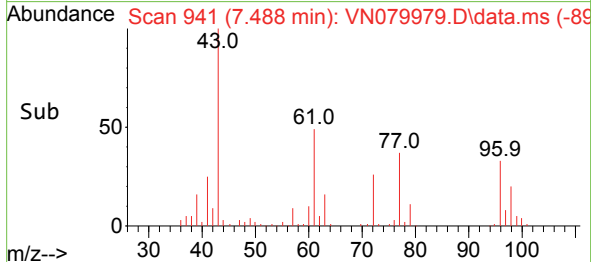
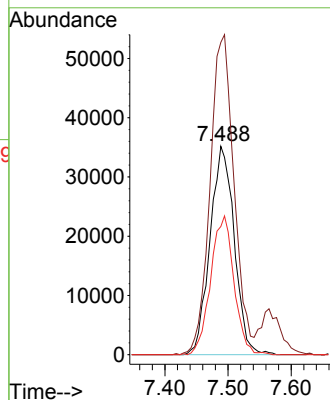
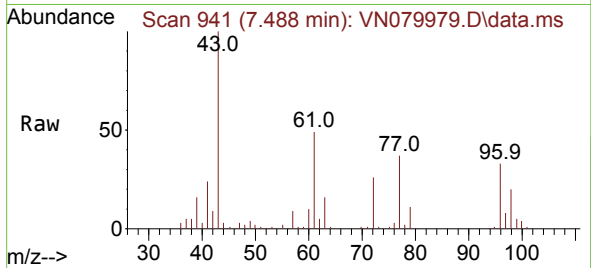




#27
 cis-1,2-Dichloroethene
 Concen: 19.398 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

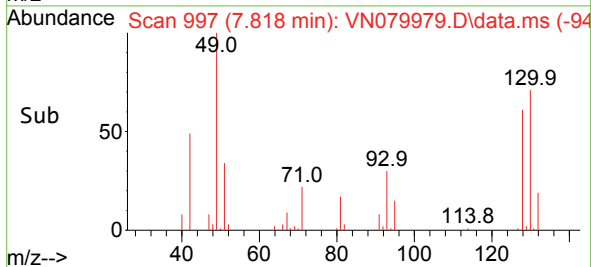
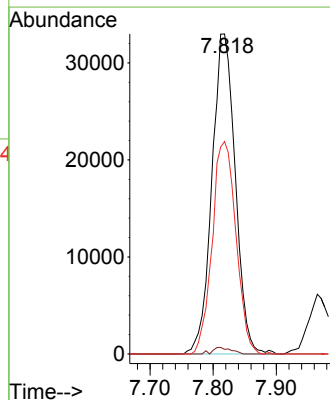
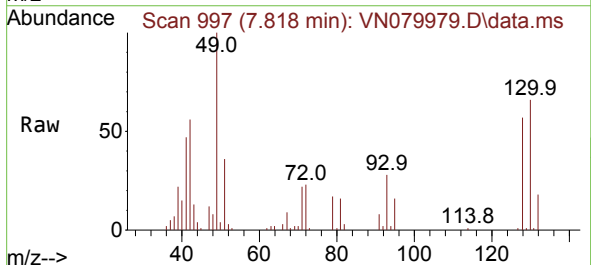
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

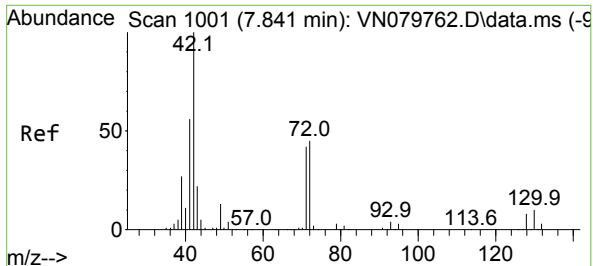
Tgt Ion: 96 Resp: 93913
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 255.2
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.213 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

Tgt Ion: 49 Resp: 84750
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 67.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 103.108 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

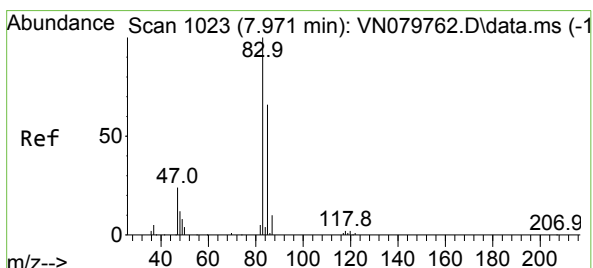
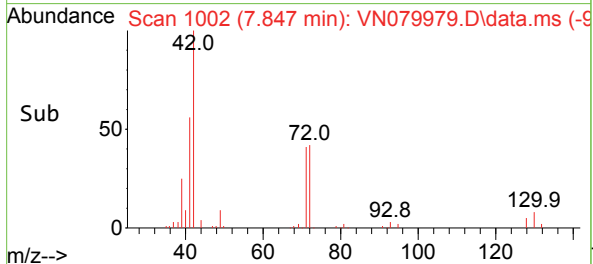
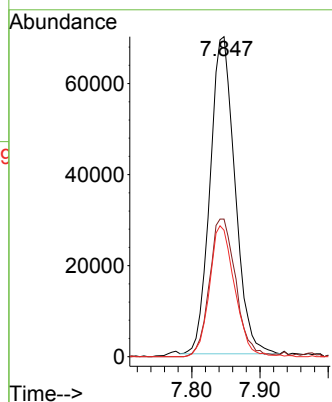
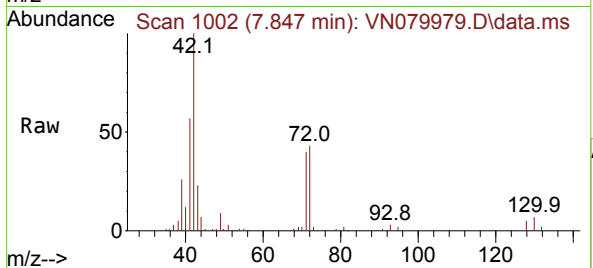
Tgt Ion: 42 Resp: 177235

Ion Ratio Lower Upper

42 100

72 46.0 49.8 74.6#

71 41.8 47.4 71.2#



#30

Chloroform

Concen: 20.129 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079979.D

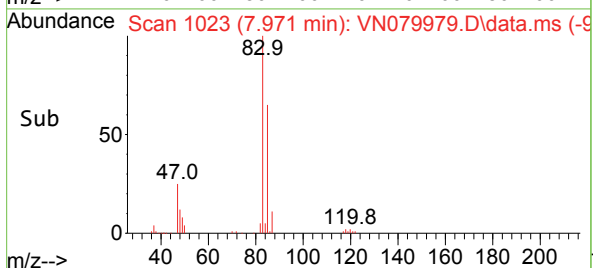
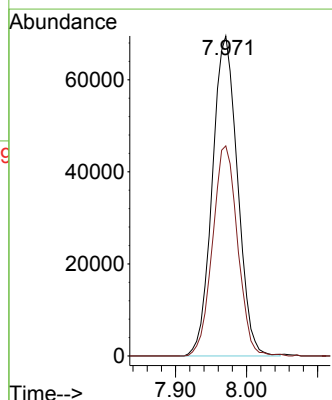
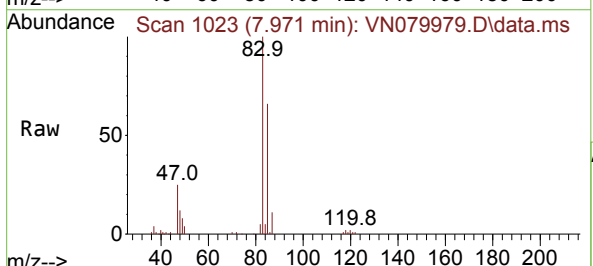
Acq: 07 Nov 2023 20:57

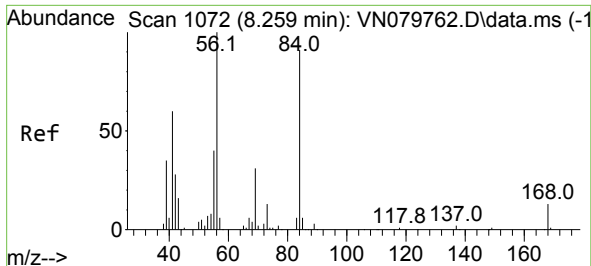
Tgt Ion: 83 Resp: 171179

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0

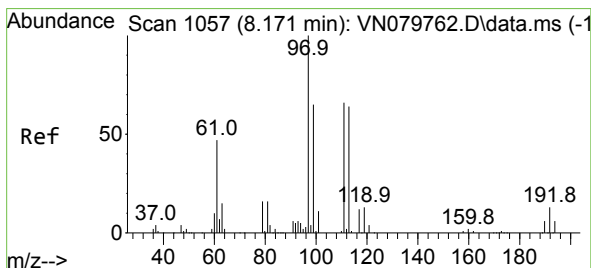
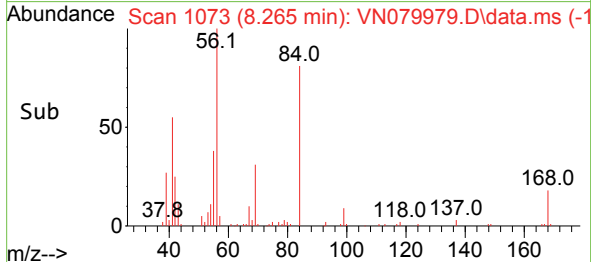
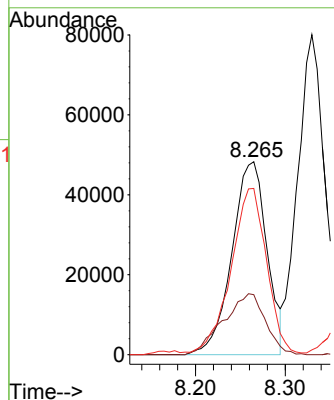
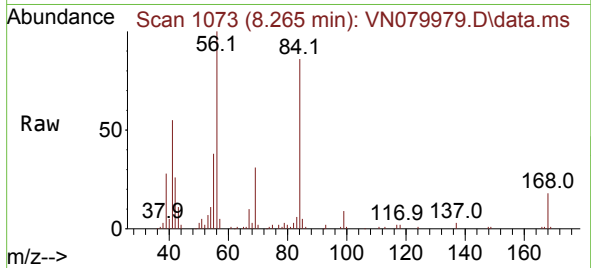




#31
Cyclohexane
Concen: 19.321 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

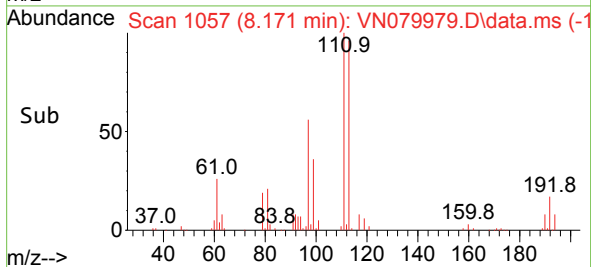
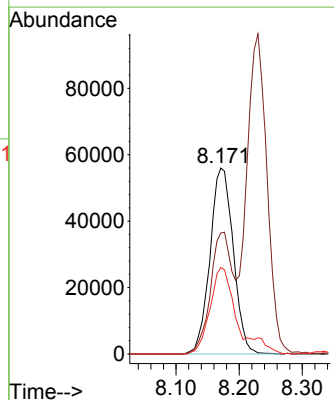
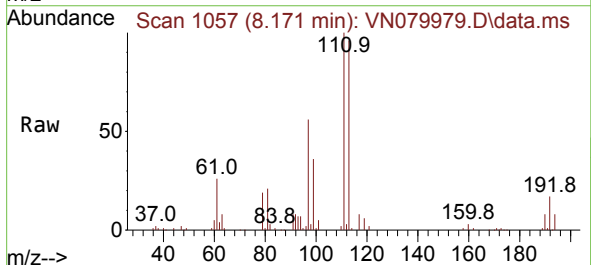
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

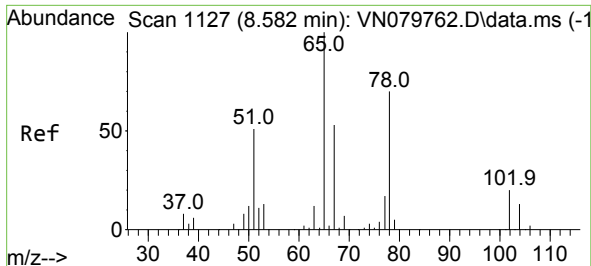
Tgt Ion: 56 Resp: 131134
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 85.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.687 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 97 Resp: 143340
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 53.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 58.239 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

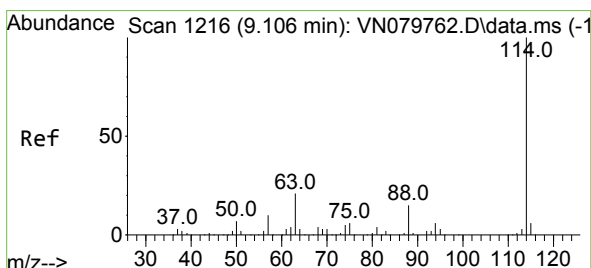
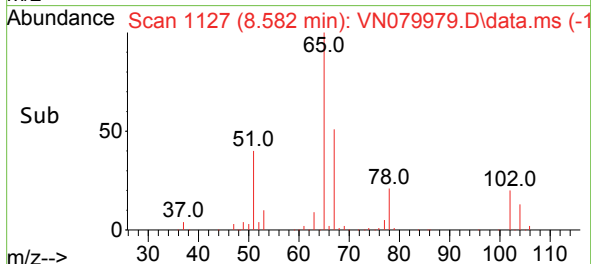
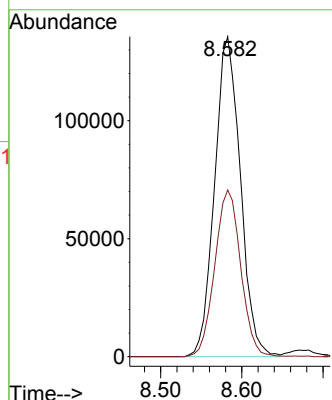
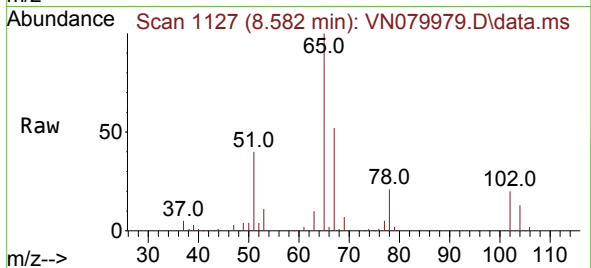
VN1107MBS01

Tgt Ion: 65 Resp: 299137

Ion Ratio Lower Upper

65 100

67 52.4 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: VN079979.D

Acq: 07 Nov 2023 20:57

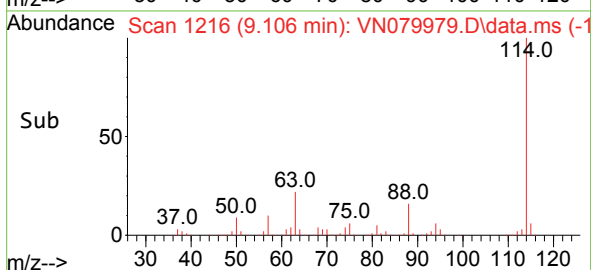
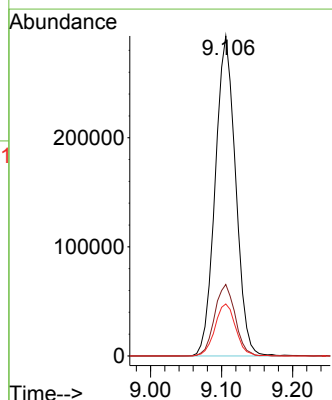
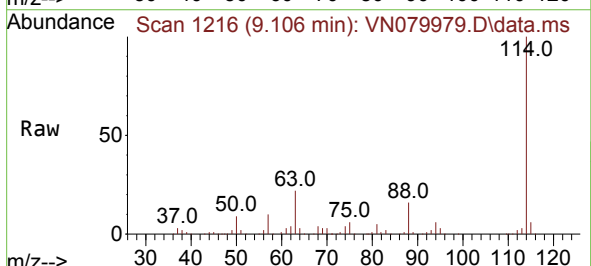
Tgt Ion: 114 Resp: 583284

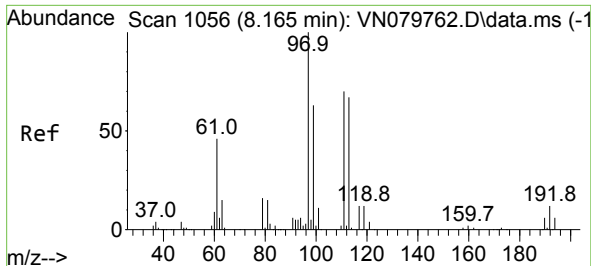
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.3 0.0 30.6

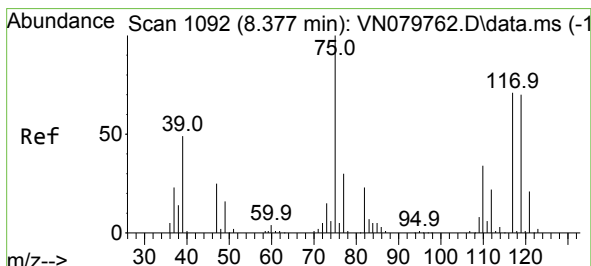
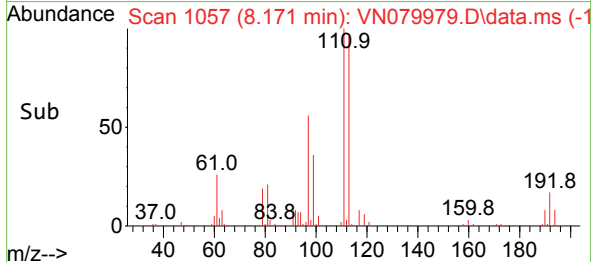
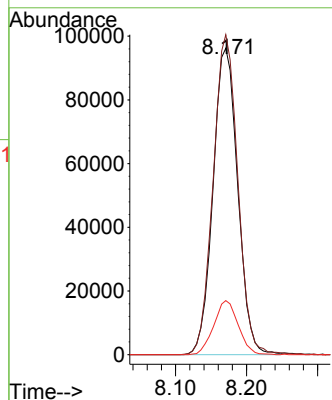
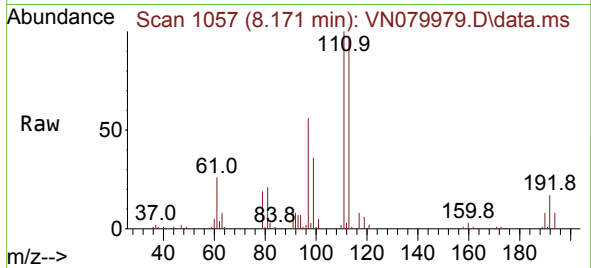




#35
Dibromofluoromethane
Concen: 56.235 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

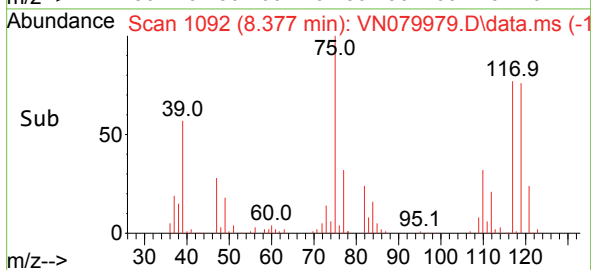
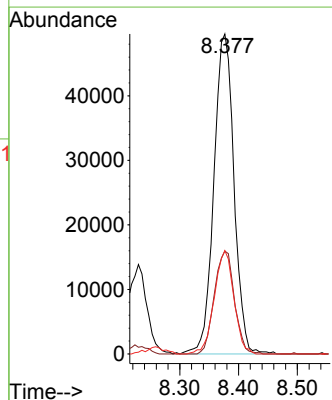
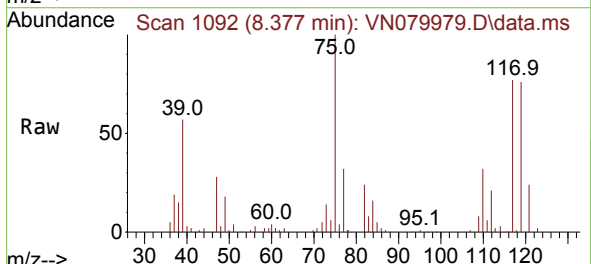
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

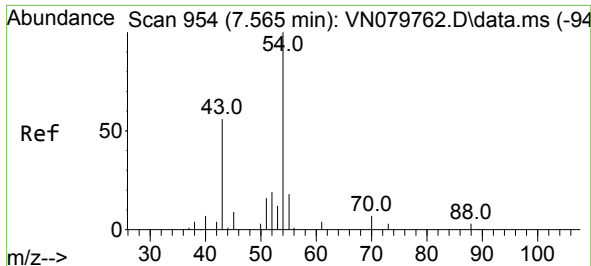
Tgt Ion:113 Resp: 232152
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.025 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 75 Resp: 118034
Ion Ratio Lower Upper
75 100
110 32.0 19.1 57.3
77 31.5 25.0 37.4

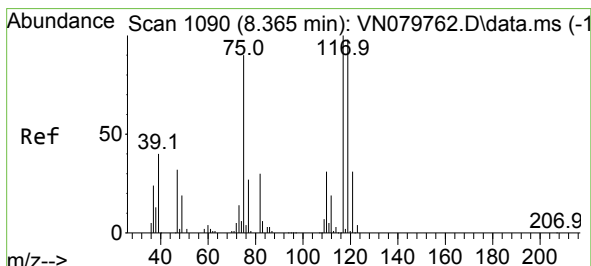
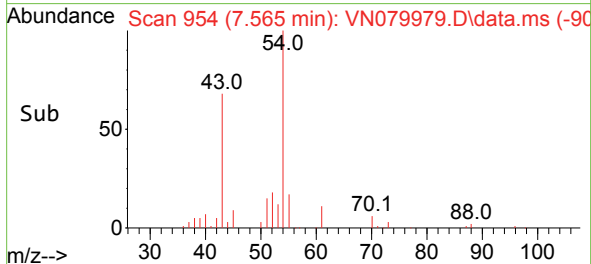
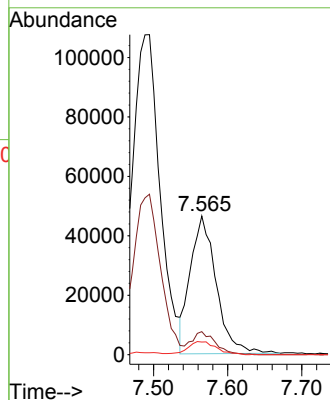
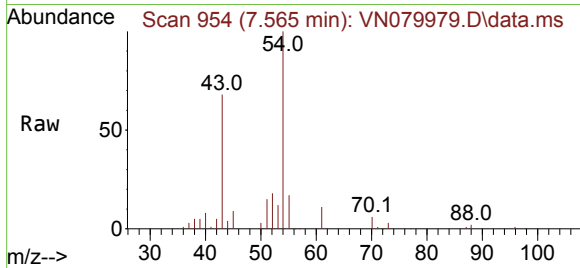




#37
Ethyl Acetate
Concen: 20.848 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

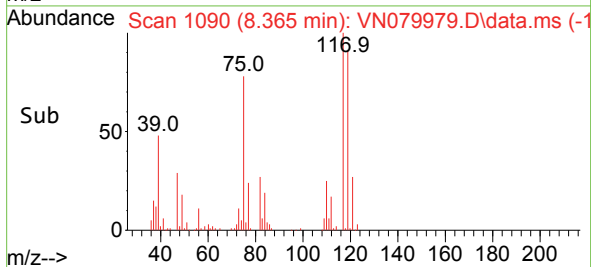
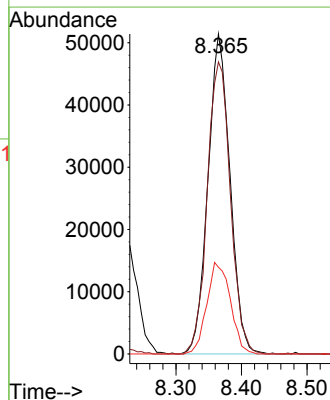
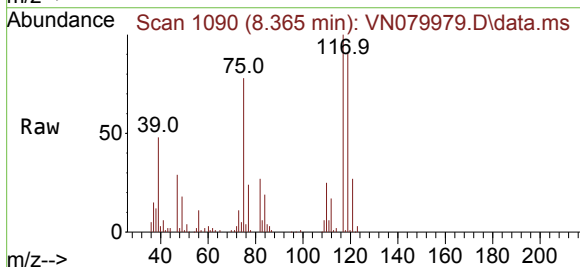
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

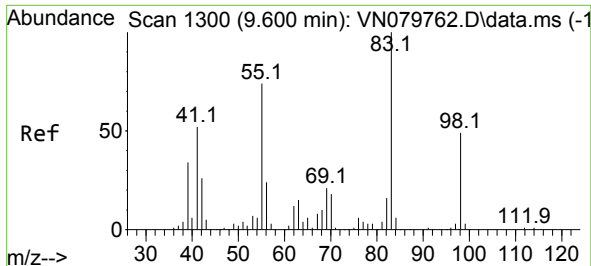
Tgt Ion: 43 Resp: 112704
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 10.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 20.236 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 117 Resp: 120212
Ion Ratio Lower Upper
117 100
119 91.3 77.3 115.9
121 27.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.898 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

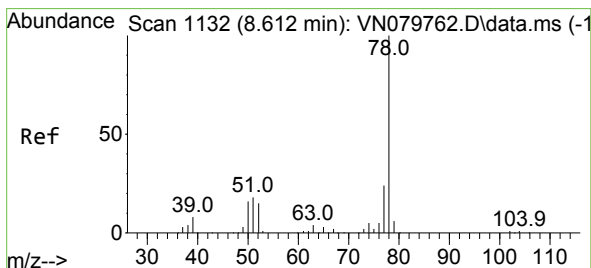
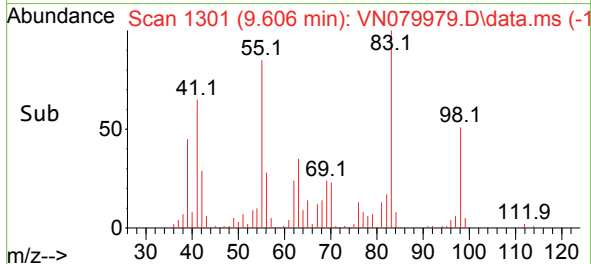
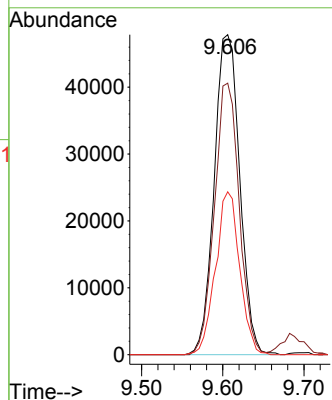
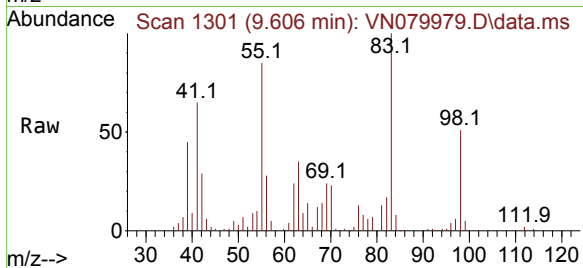
Tgt Ion: 83 Resp: 104833

Ion Ratio Lower Upper

83 100

55 84.9 49.1 73.7#

98 50.9 40.6 61.0



#40

Benzene

Concen: 20.667 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079979.D

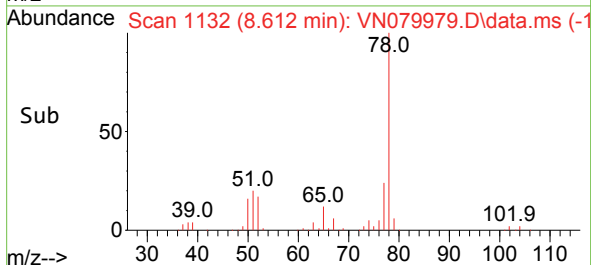
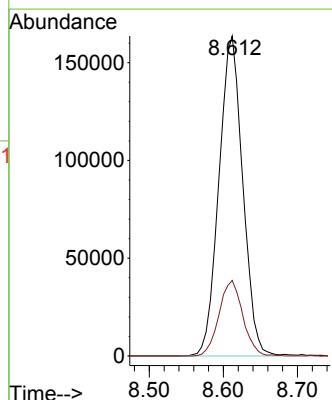
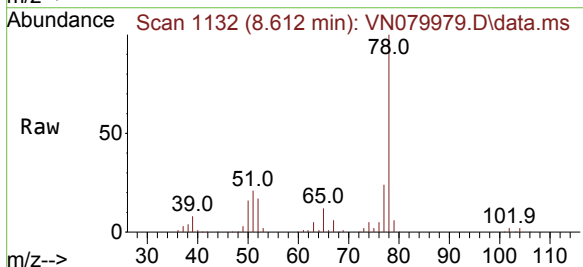
Acq: 07 Nov 2023 20:57

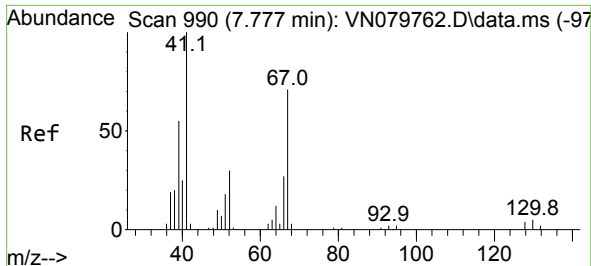
Tgt Ion: 78 Resp: 364878

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

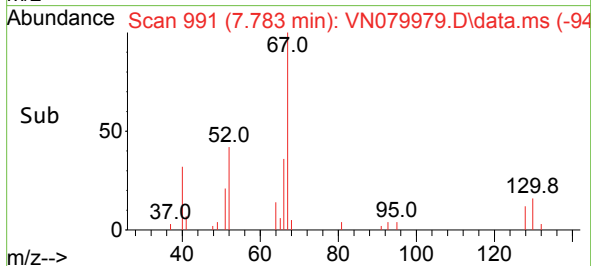
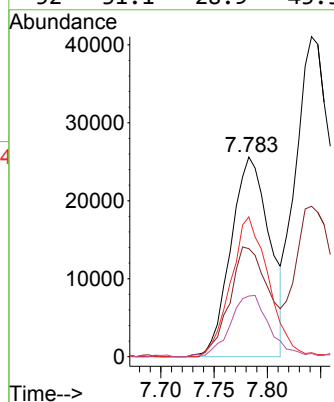
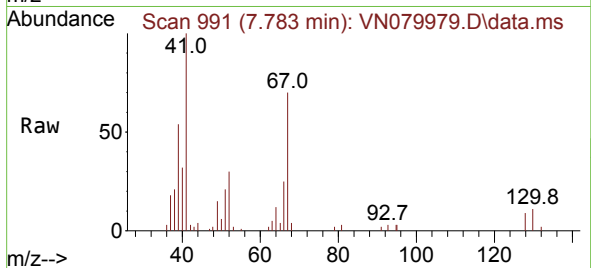




#41
Methacrylonitrile
Concen: 22.580 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

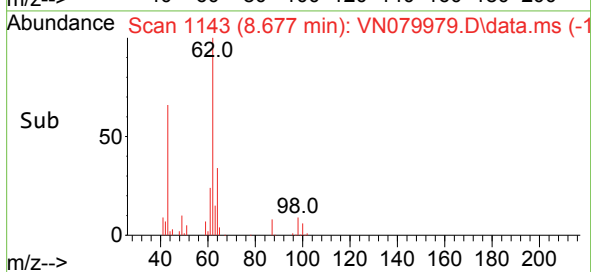
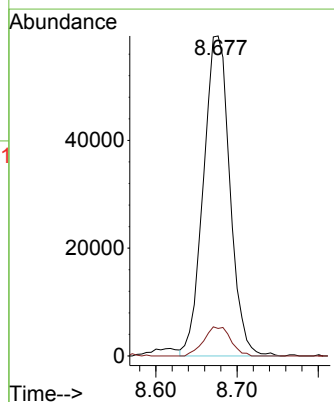
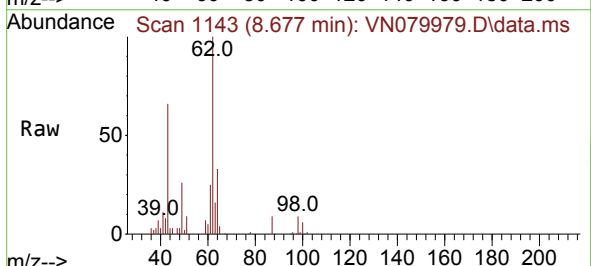
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

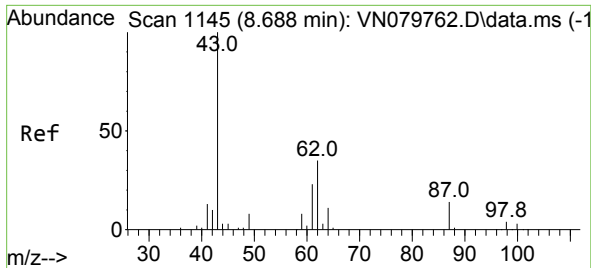
Tgt Ion: 41	Resp: 64819
Ion Ratio	Lower Upper
41 100	
39 55.5	42.6 64.0
67 68.7	77.5 116.3#
52 31.1	28.9 43.3



#42
1,2-Dichloroethane
Concen: 21.800 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 62	Resp: 134441
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.8

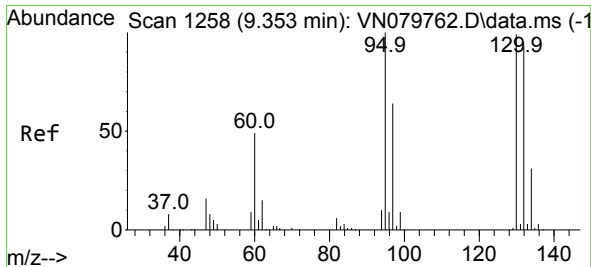
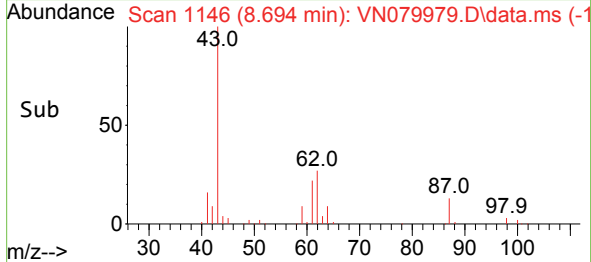
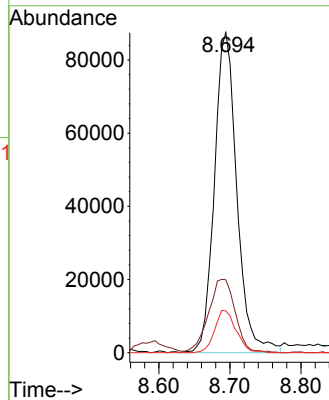
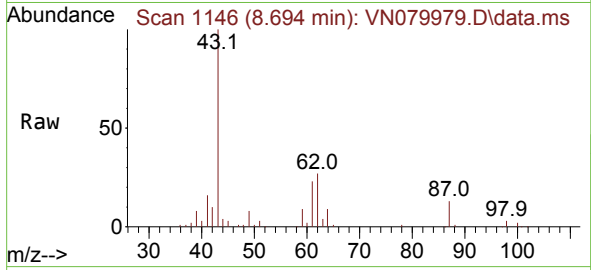




#43
Isopropyl Acetate
Concen: 20.258 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

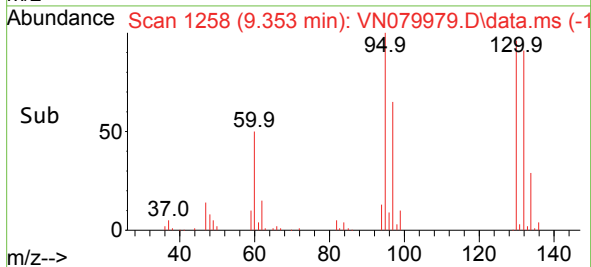
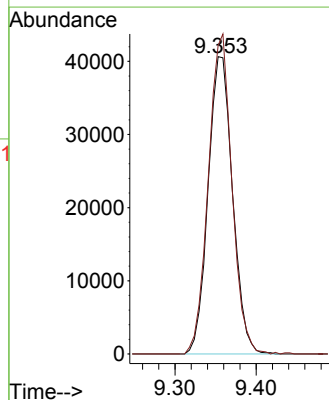
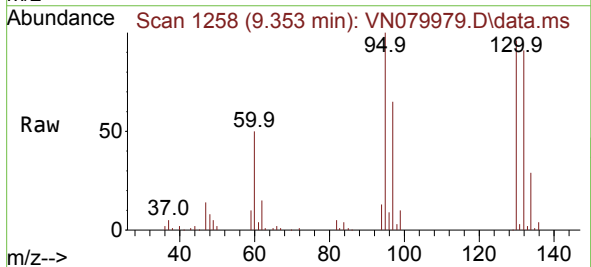
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

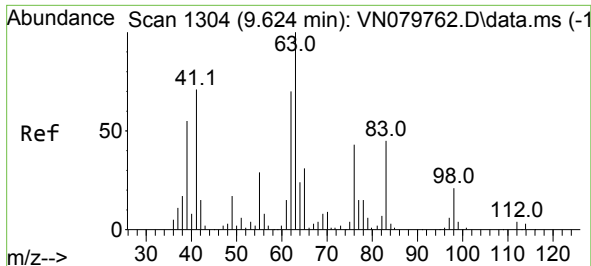
Tgt Ion: 43 Resp: 192055
Ion Ratio Lower Upper
43 100
61 27.3 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 19.397 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:130 Resp: 84978
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.6

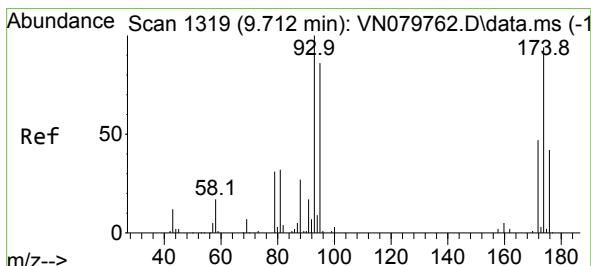
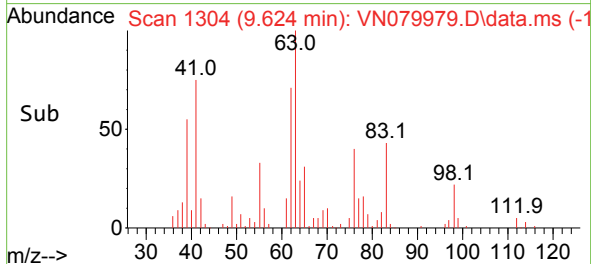
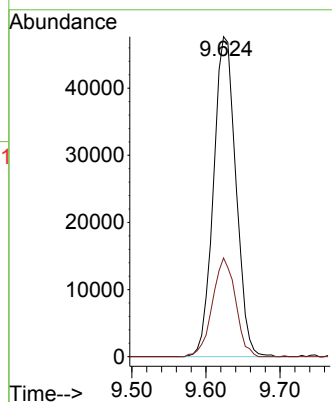
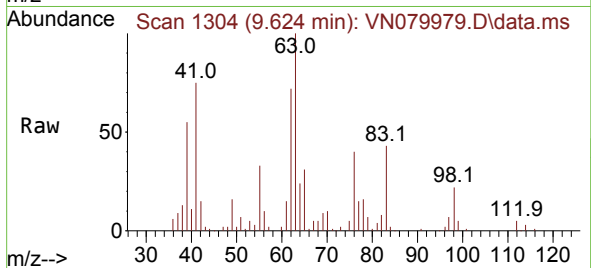




#45
1,2-Dichloropropane
Concen: 22.201 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

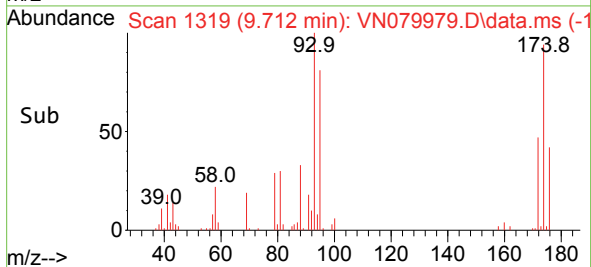
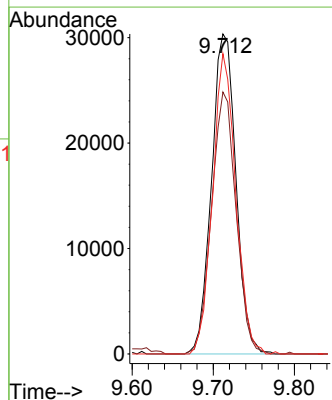
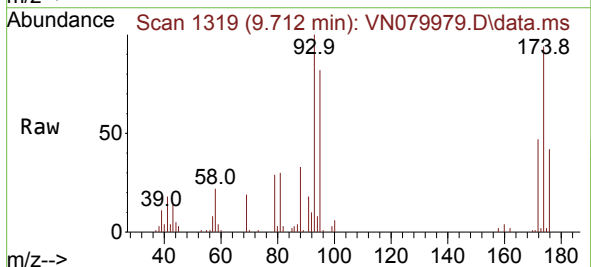
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

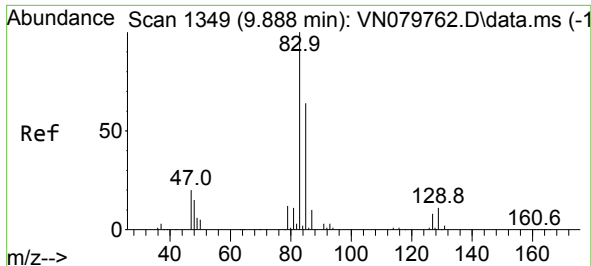
Tgt Ion: 63 Resp: 100168
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9



#46
Dibromomethane
Concen: 20.608 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 93 Resp: 63487
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 89.2 65.6 98.4





#47

Bromodichloromethane

Concen: 20.823 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

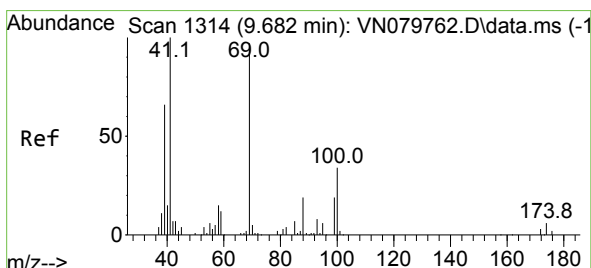
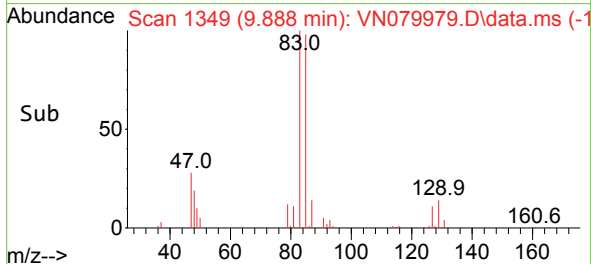
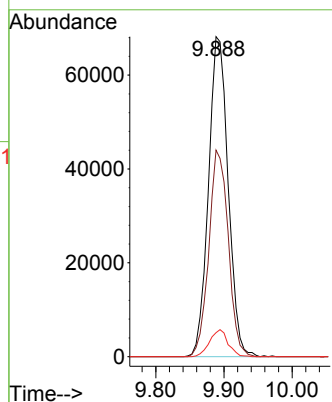
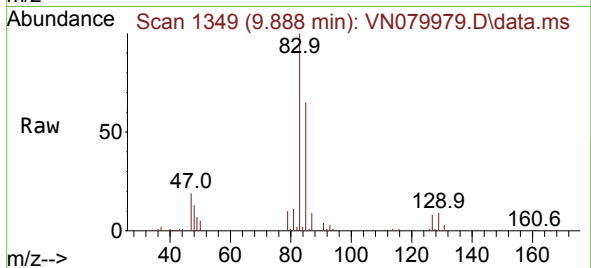
Tgt Ion: 83 Resp: 136811

Ion Ratio Lower Upper

83 100

85 64.5 49.6 74.4

127 7.5 7.0 10.6



#48

Methyl methacrylate

Concen: 21.344 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

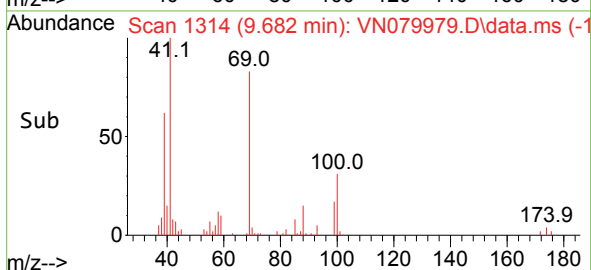
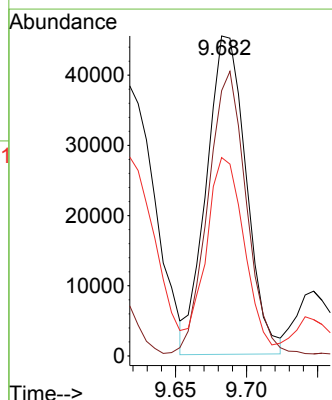
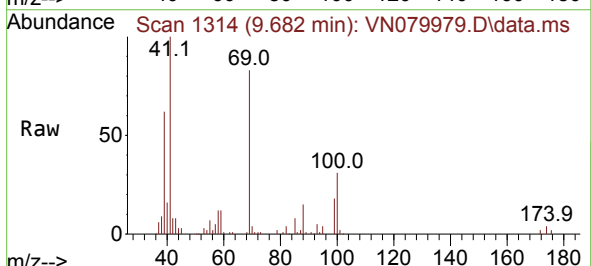
Tgt Ion: 41 Resp: 88631

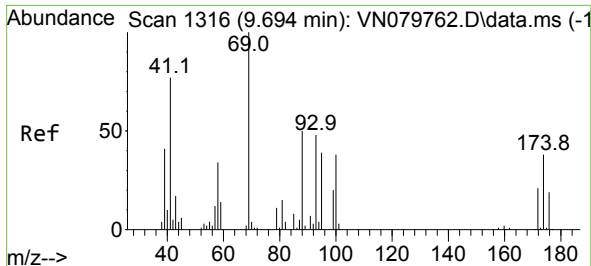
Ion Ratio Lower Upper

41 100

69 87.5 90.4 135.6#

39 60.7 54.6 81.8





#49

1,4-Dioxane

Concen: 435.534 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

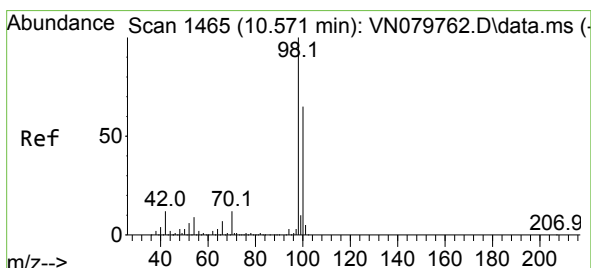
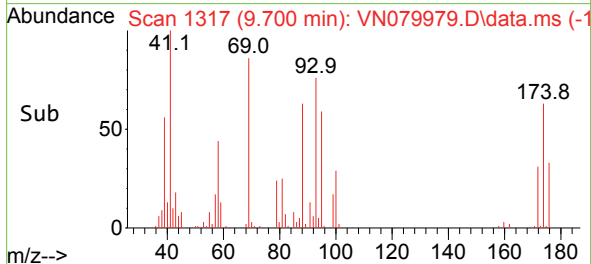
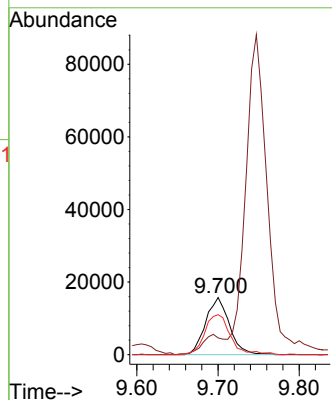
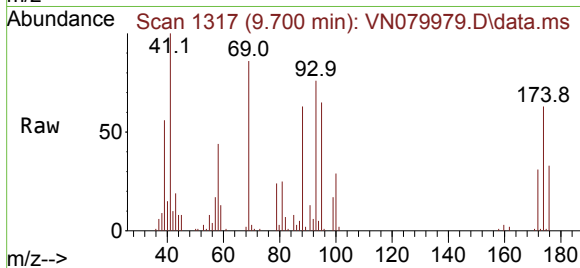
Tgt Ion: 88 Resp: 31957

Ion Ratio Lower Upper

88 100

43 34.4 17.0 25.6#

58 76.0 47.0 70.4#



#50

Toluene-d8

Concen: 55.377 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079979.D

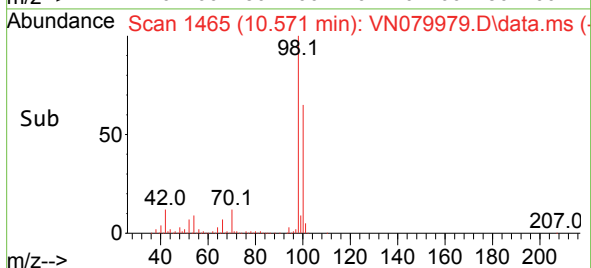
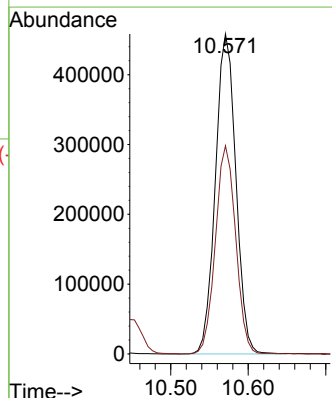
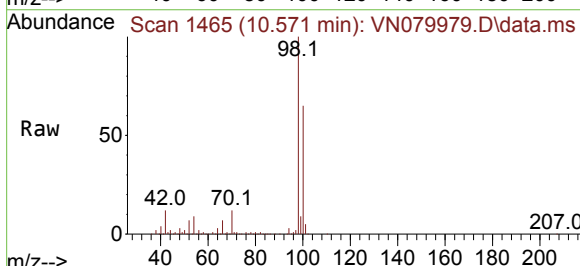
Acq: 07 Nov 2023 20:57

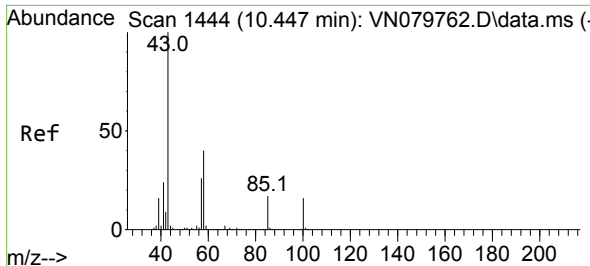
Tgt Ion: 98 Resp: 841588

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

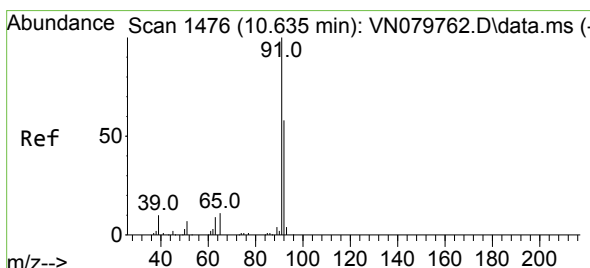
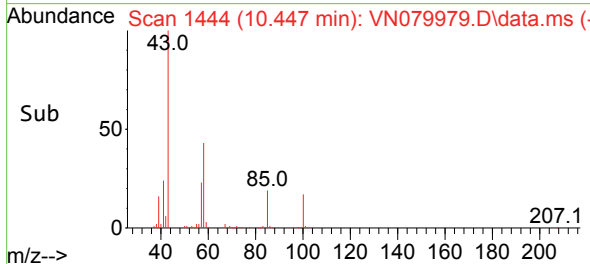
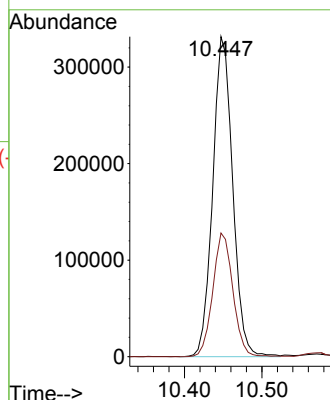
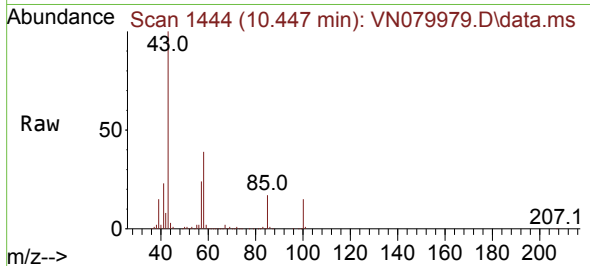




#51
4-Methyl-2-Pentanone
Concen: 111.512 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

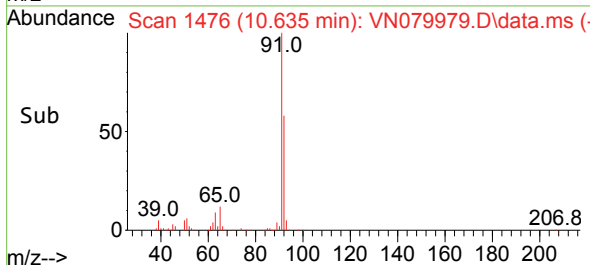
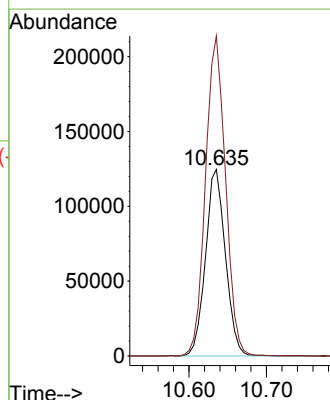
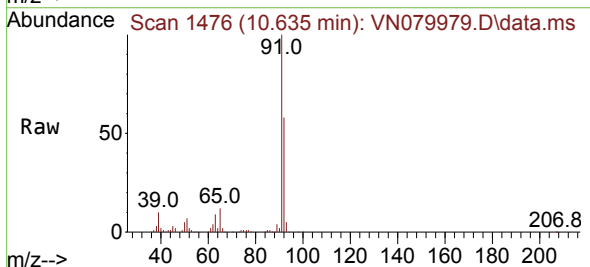
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

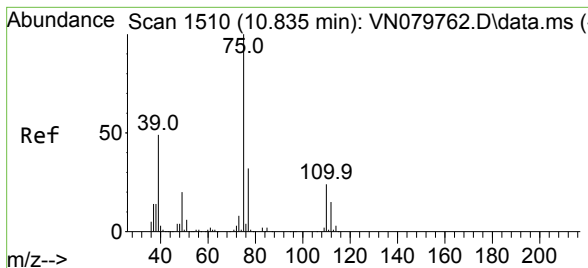
Tgt Ion: 43 Resp: 595177
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#52
Toluene
Concen: 21.232 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 92 Resp: 222228
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0

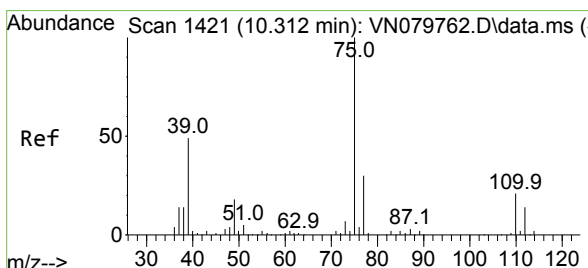
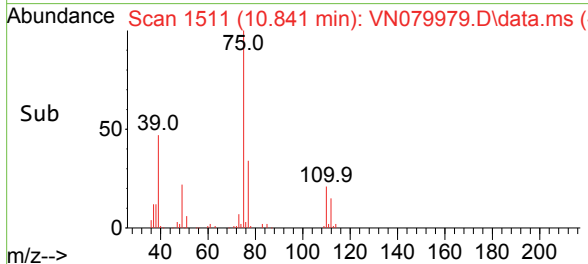
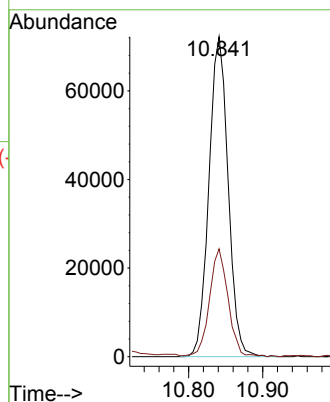
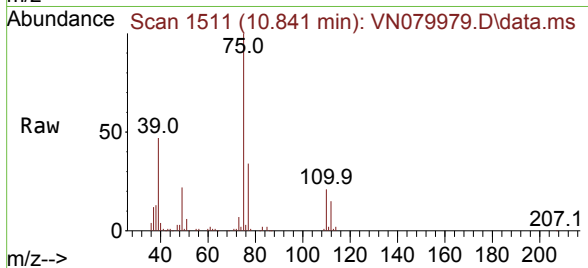




#53
 t-1,3-Dichloropropene
 Concen: 20.176 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

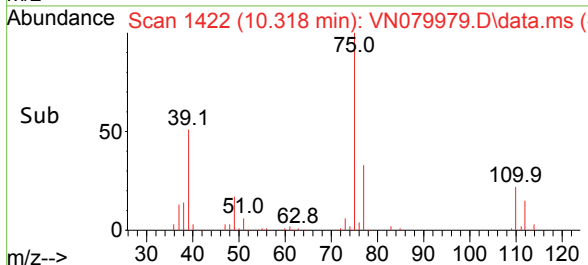
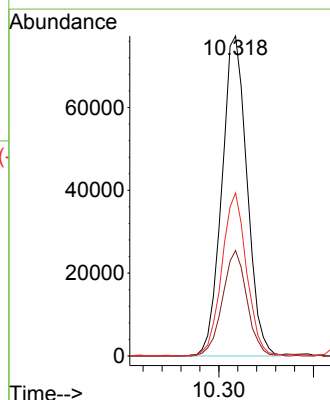
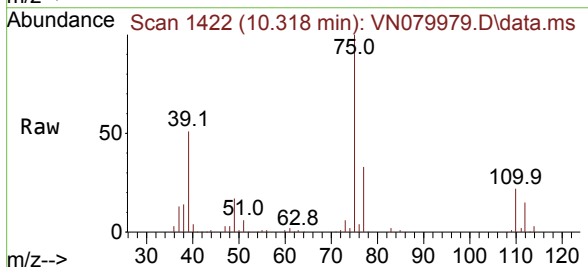
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

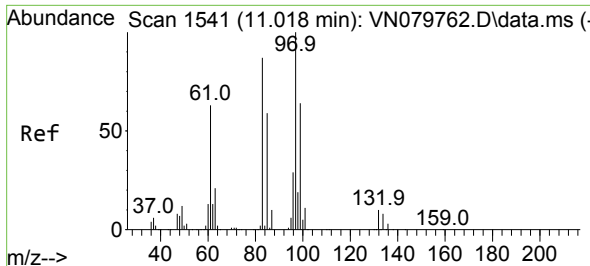
Tgt Ion: 75 Resp: 129950
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.342 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

Tgt Ion: 75 Resp: 142806
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 39 51.0 31.6 47.4#

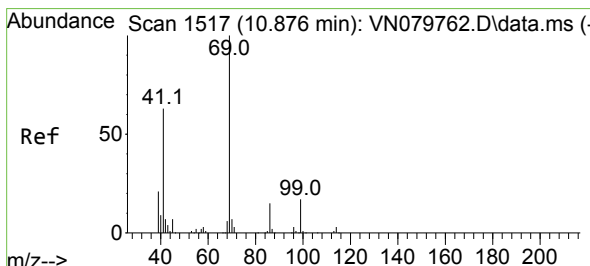
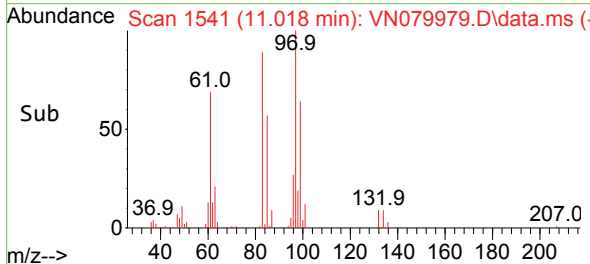
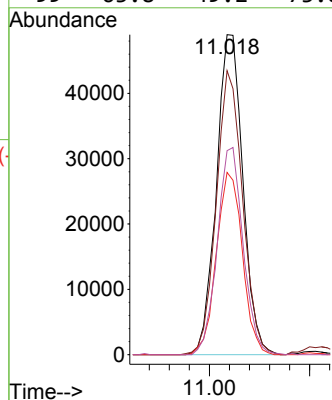
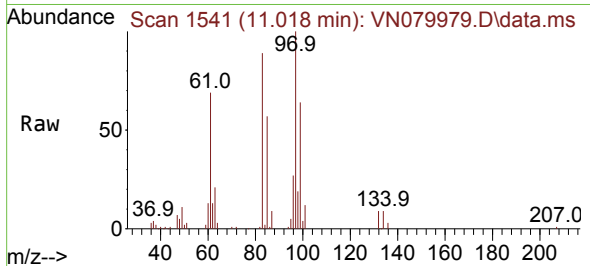




#55
1,1,2-Trichloroethane
Concen: 21.322 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

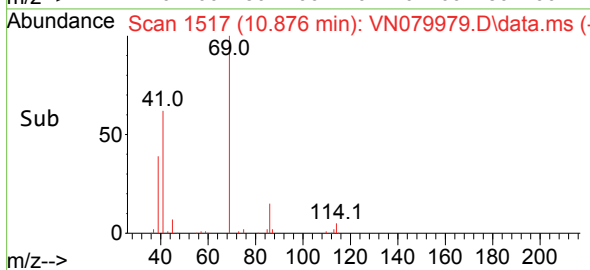
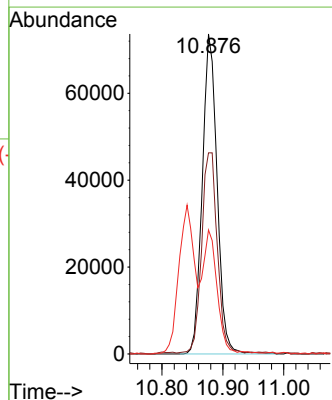
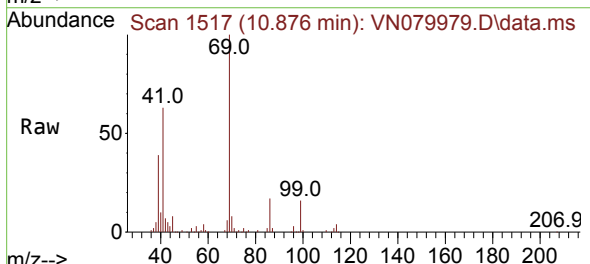
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

Tgt Ion:	97	Resp:	89762
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.1	97.7
85	57.0	43.4	65.2
99	63.8	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.775 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:	69	Resp:	124749
Ion	Ratio	Lower	Upper
69	100		
41	65.9	39.6	59.4#
39	37.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.152 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

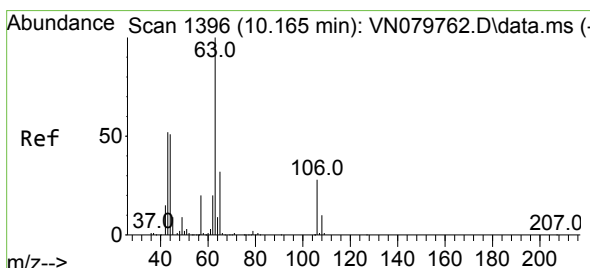
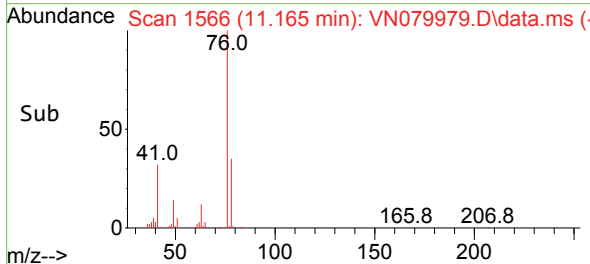
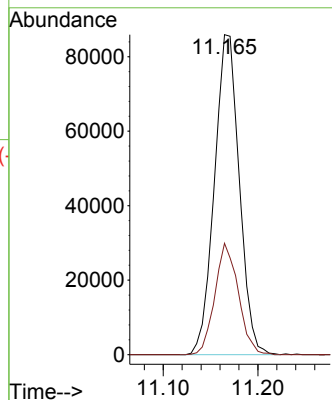
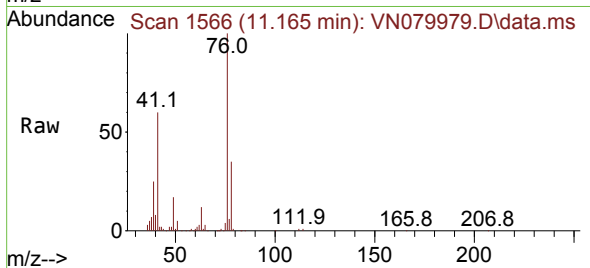
VN1107MBS01

Tgt Ion: 76 Resp: 156958

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 98.654 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079979.D

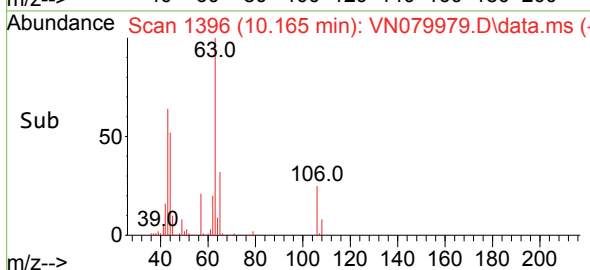
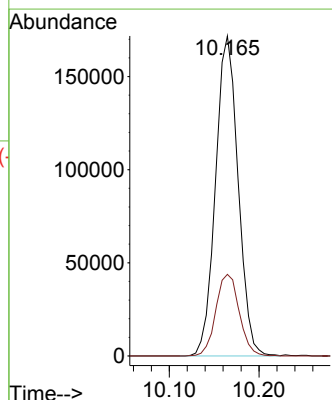
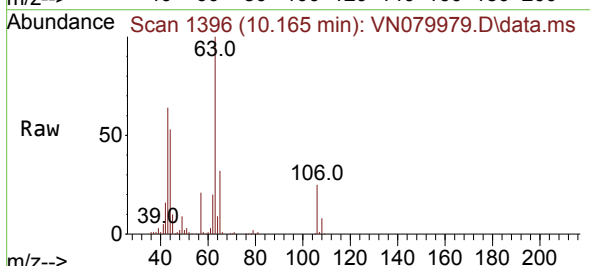
Acq: 07 Nov 2023 20:57

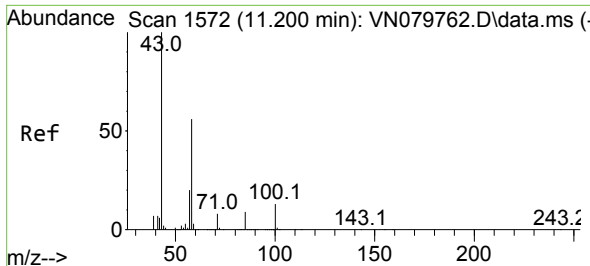
Tgt Ion: 63 Resp: 300251

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4

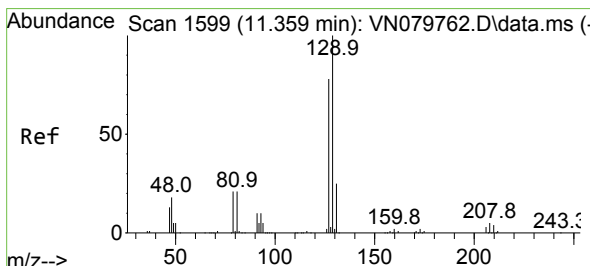
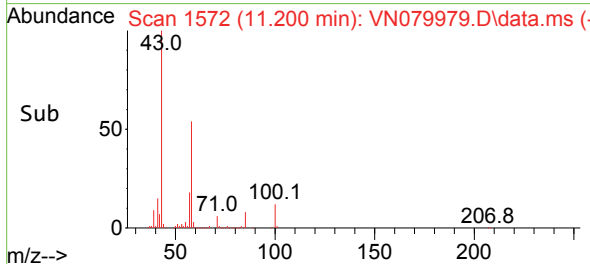
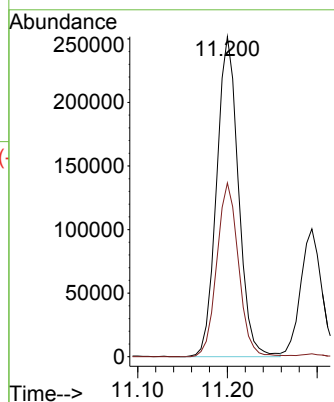
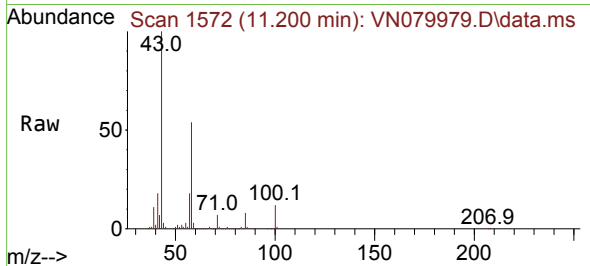




#59
2-Hexanone
Concen: 104.077 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

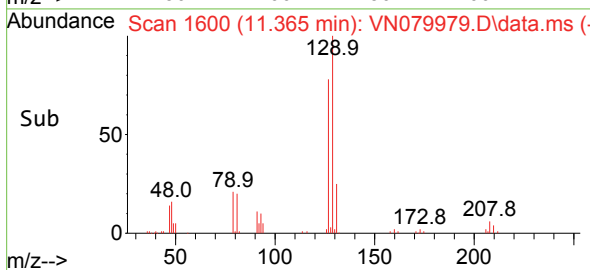
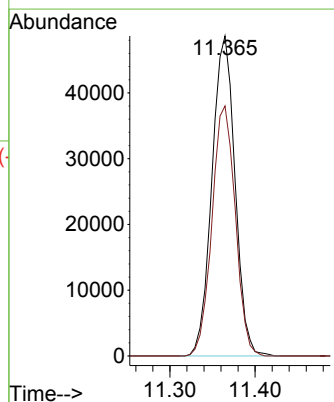
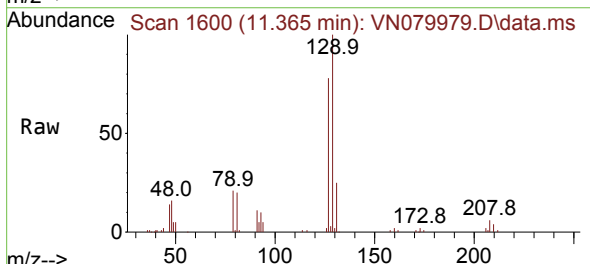
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

Tgt Ion: 43 Resp: 424954
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.295 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 129 Resp: 91451
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

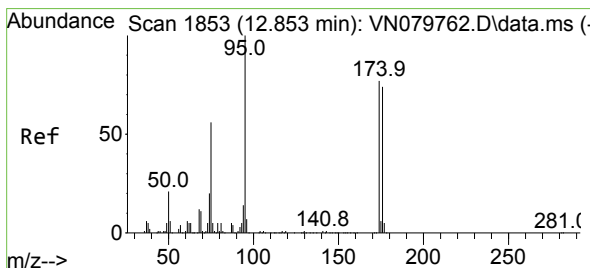
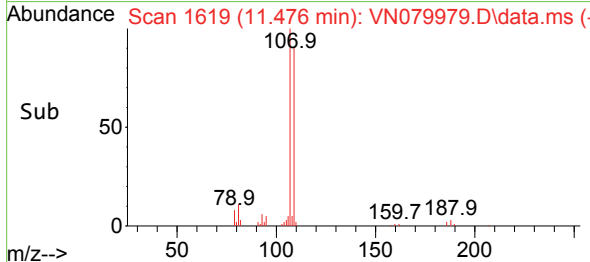
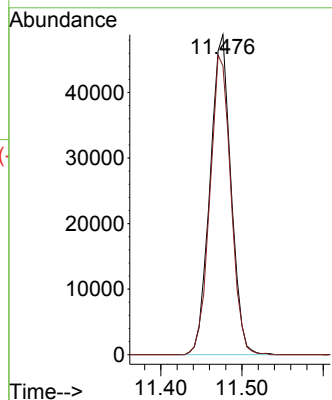
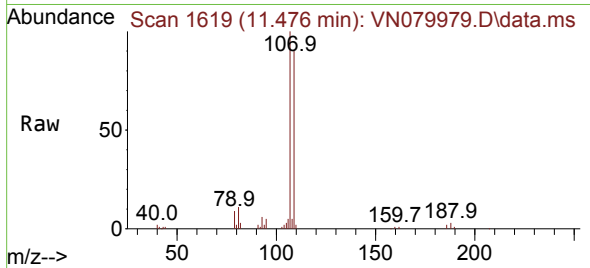




#61
1,2-Dibromoethane
Concen: 20.679 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

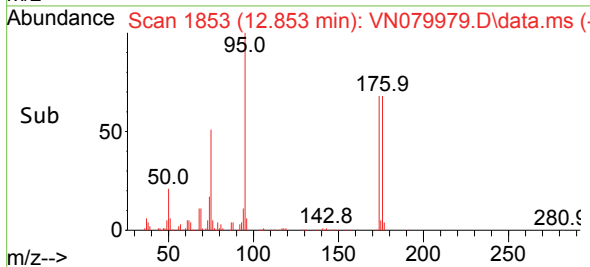
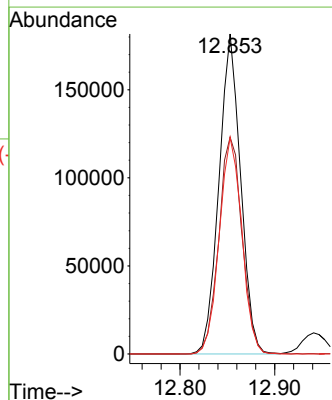
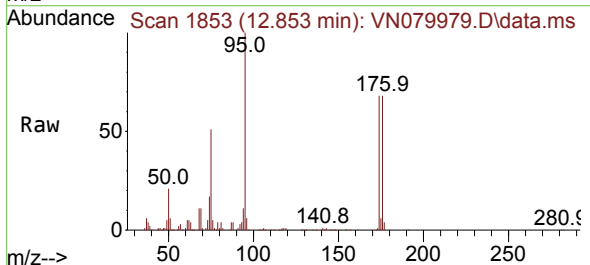
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

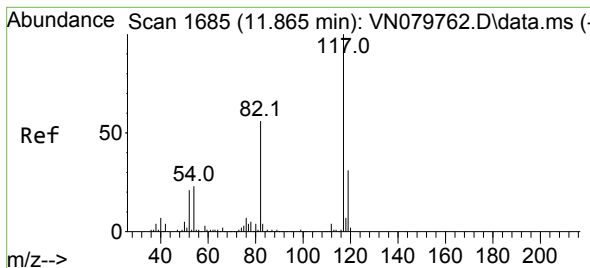
Tgt Ion:107 Resp: 87374
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.409 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 95 Resp: 289357
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

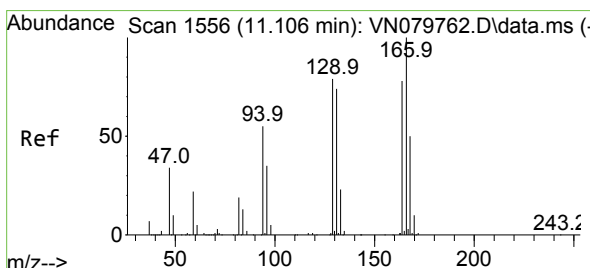
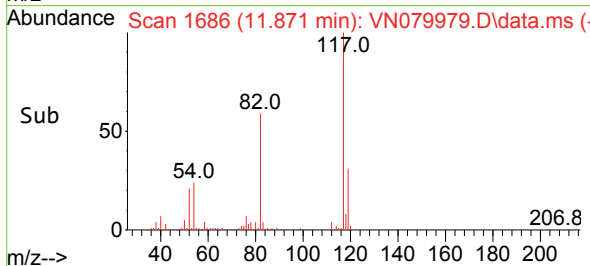
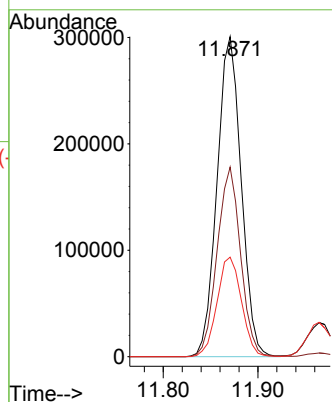
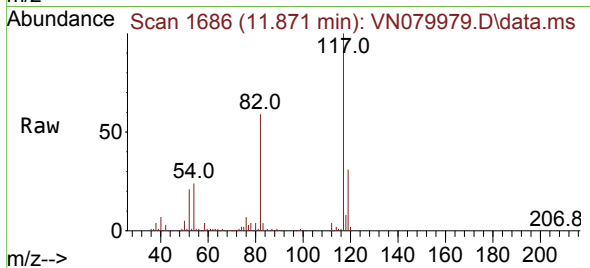
Tgt Ion:117 Resp: 532746

Ion Ratio Lower Upper

117 100

82 59.3 44.0 66.0

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 20.514 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Tgt Ion:164 Resp: 70779

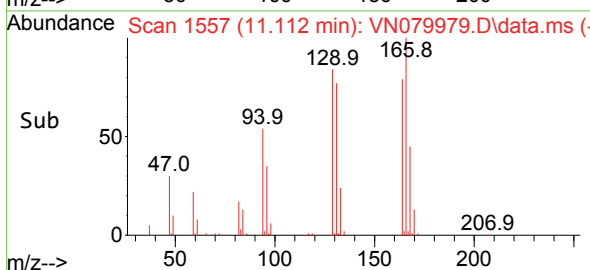
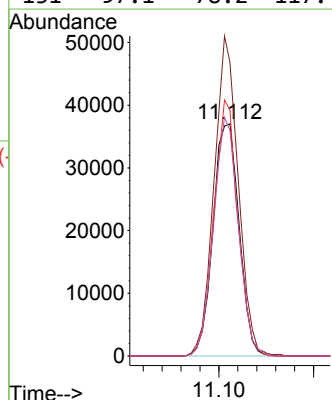
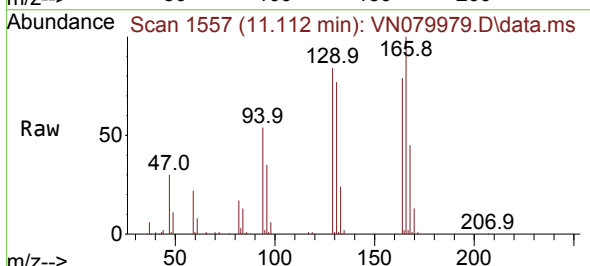
Ion Ratio Lower Upper

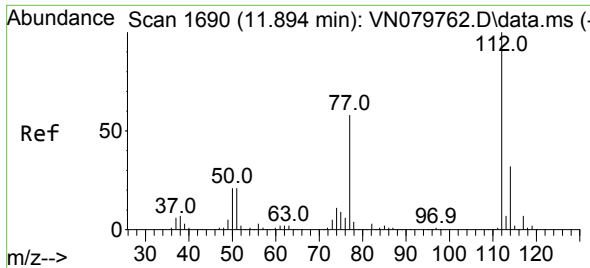
164 100

166 126.4 101.4 152.0

129 105.9 82.4 123.6

131 97.1 78.2 117.4

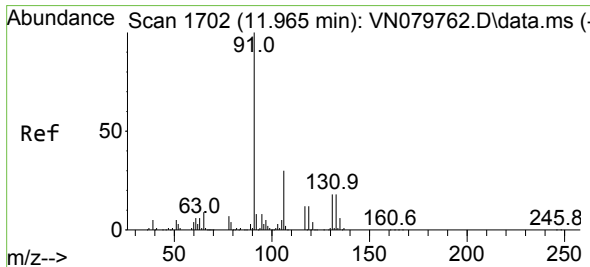
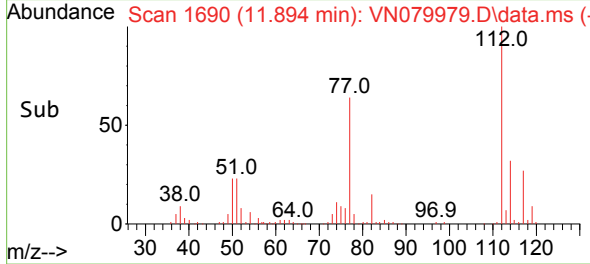
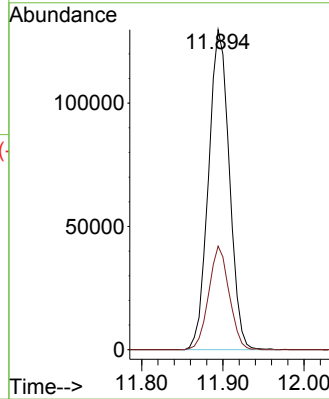
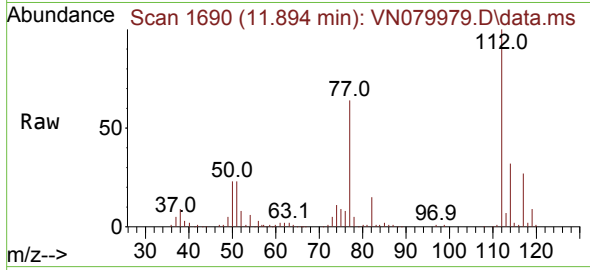




#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

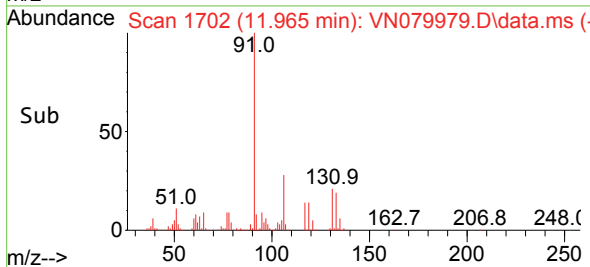
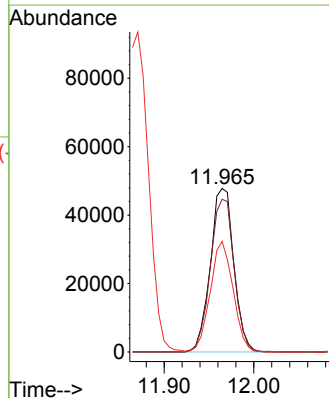
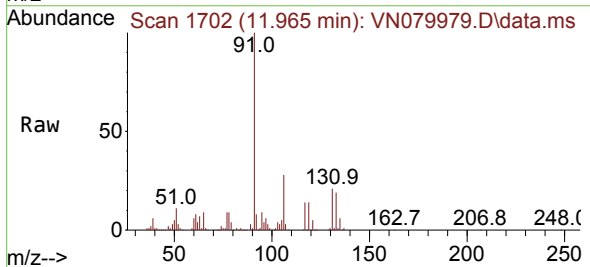
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

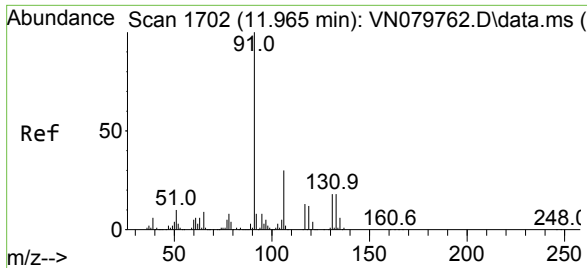
Tgt Ion:112 Resp: 231191
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.892 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:131 Resp: 86985
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 65.8 34.1 102.2

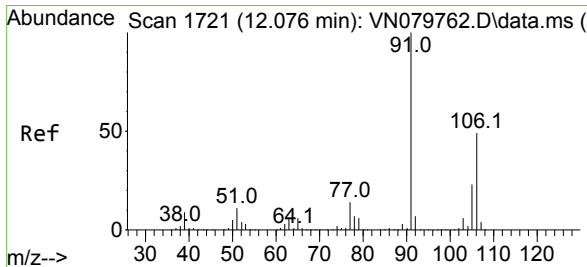
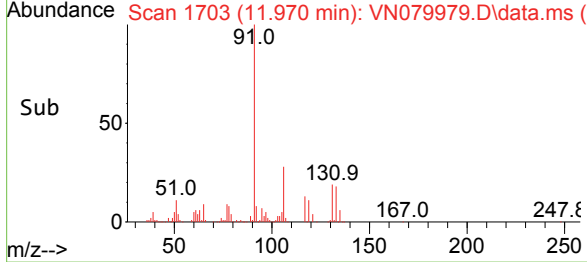
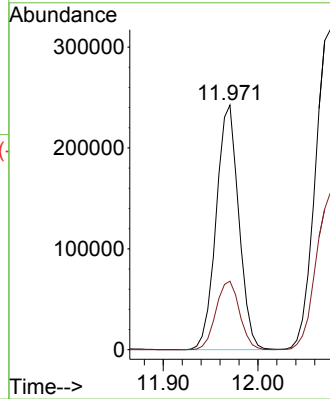
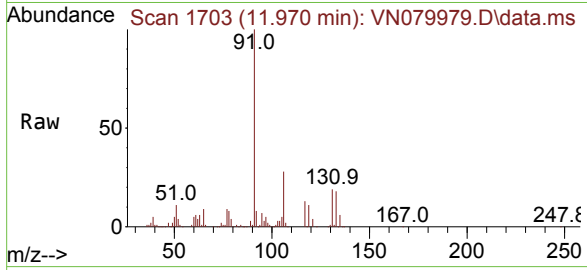




#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 11.970 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

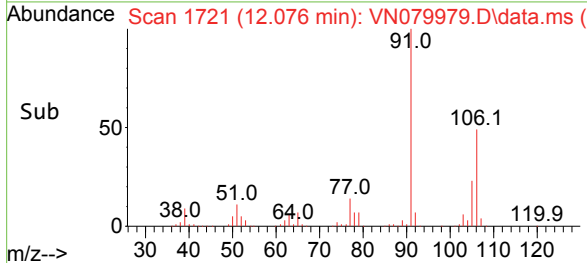
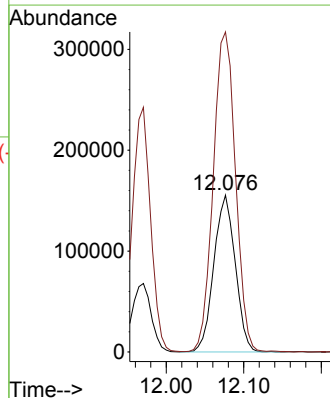
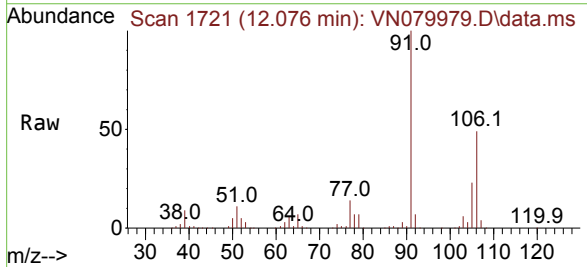
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

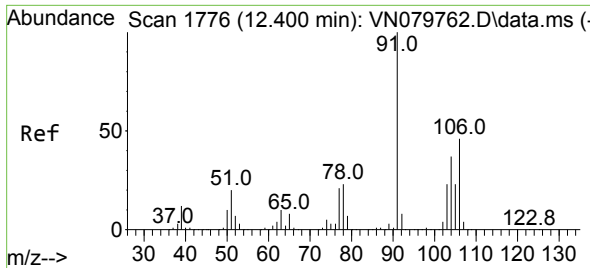
Tgt Ion: 91 Resp: 402705
Ion Ratio Lower Upper
91 100
106 28.0 25.6 38.4



#68
m/p-Xylenes
Concen: 39.764 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:106 Resp: 298237
Ion Ratio Lower Upper
106 100
91 212.4 159.6 239.4

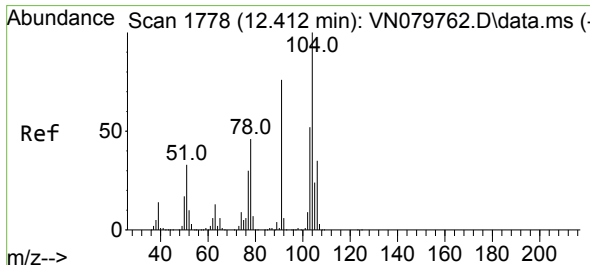
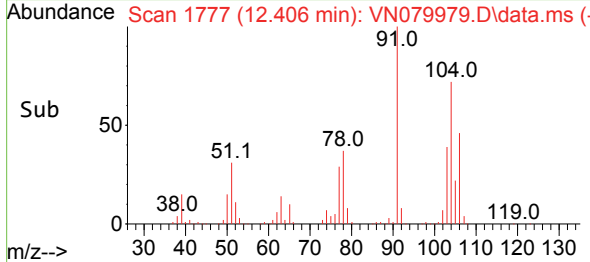
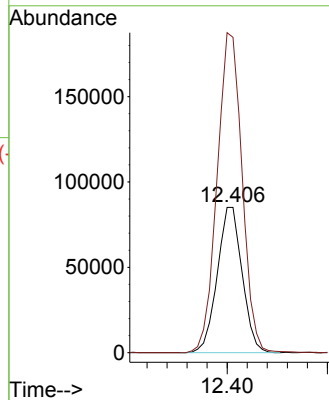
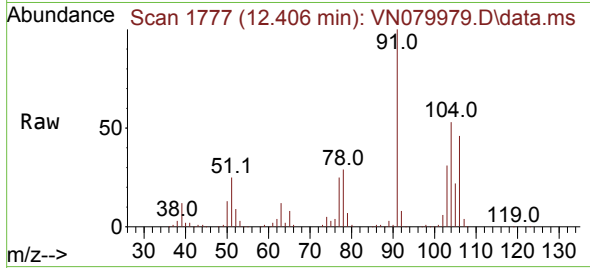




#69
o-Xylene
Concen: 20.298 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

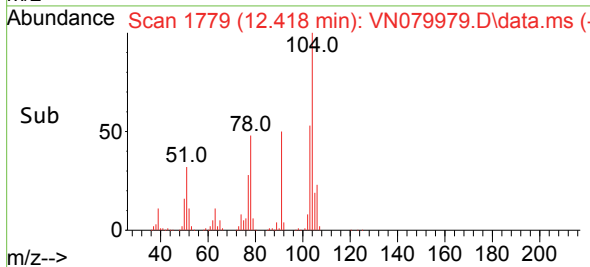
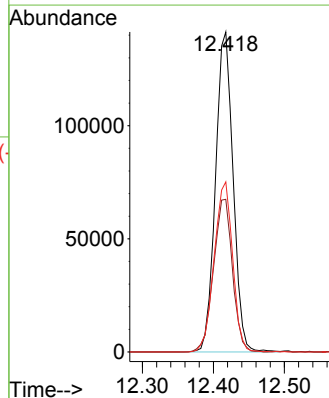
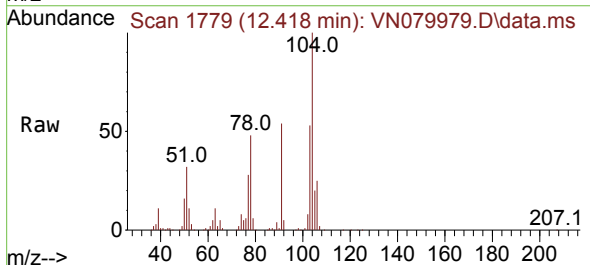
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

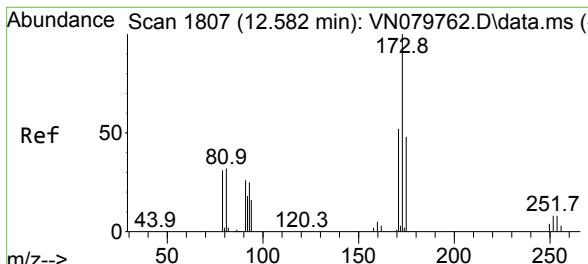
Tgt Ion:106 Resp: 146598
Ion Ratio Lower Upper
106 100
91 221.6 105.2 315.5



#70
Styrene
Concen: 20.918 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:104 Resp: 242790
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.8 43.2 64.8

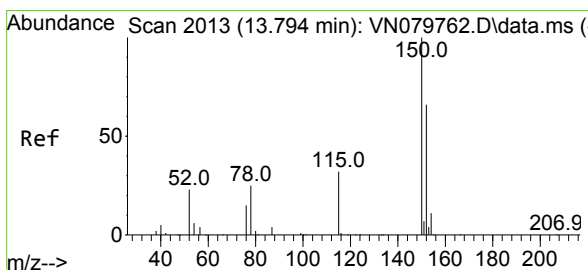
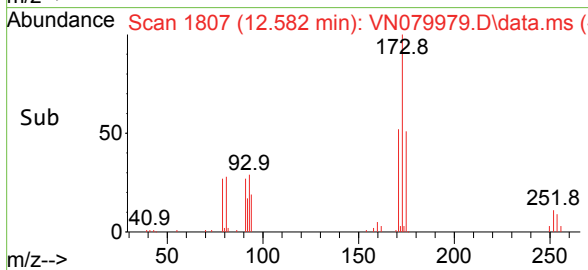
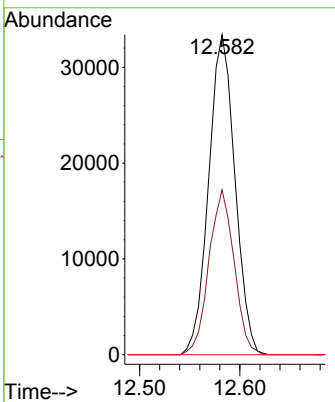
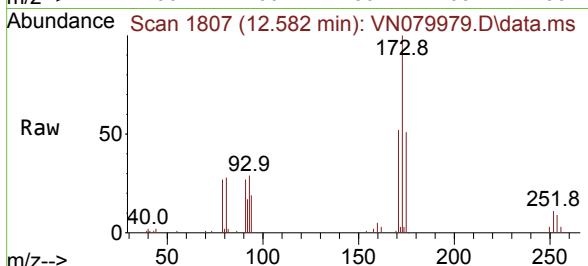




#71
 Bromoform
 Concen: 20.581 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

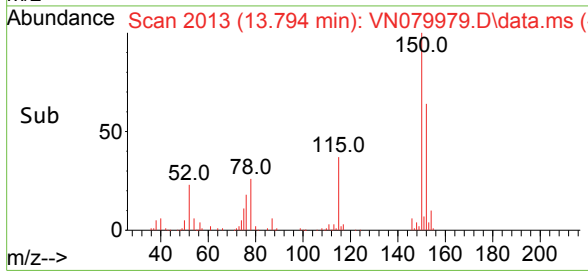
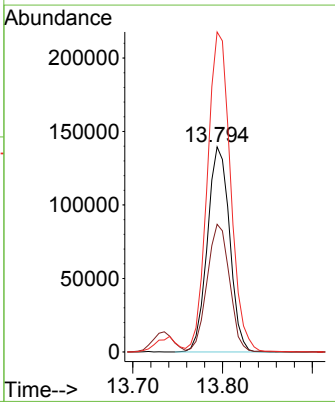
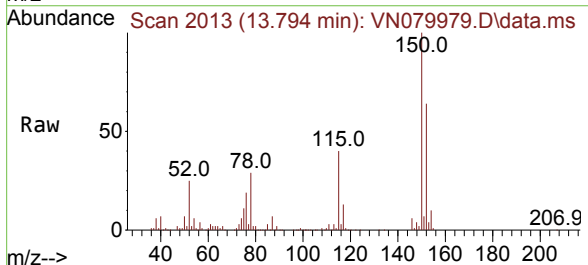
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

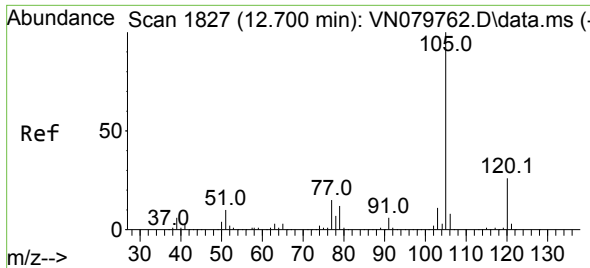
Tgt Ion:	173	Resp:	60848
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.3	73.0
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

Tgt Ion:	152	Resp:	239543
Ion Ratio	Lower	Upper	
152	100		
115	63.2	32.3	96.8
150	163.0	0.0	355.8

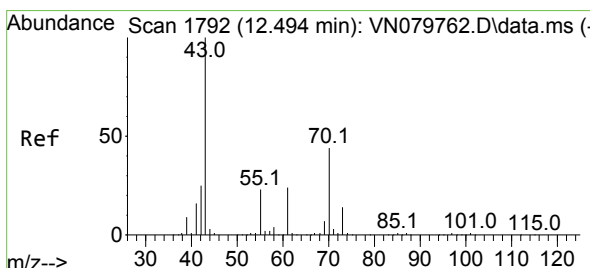
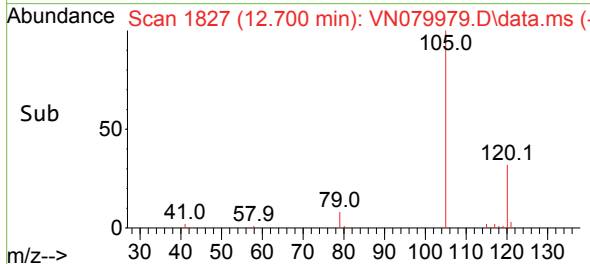
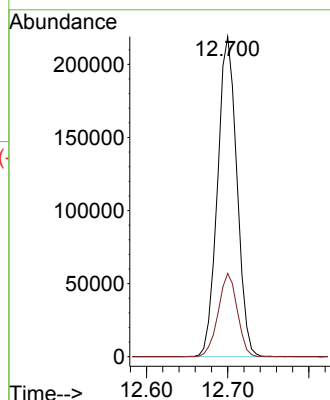
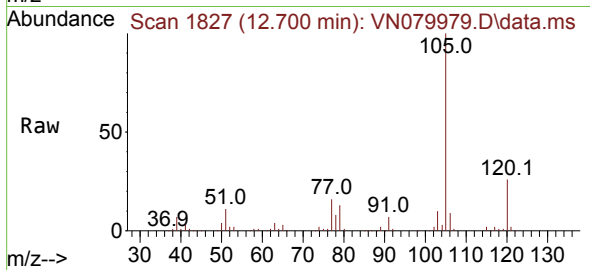




#73
Isopropylbenzene
Concen: 19.965 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

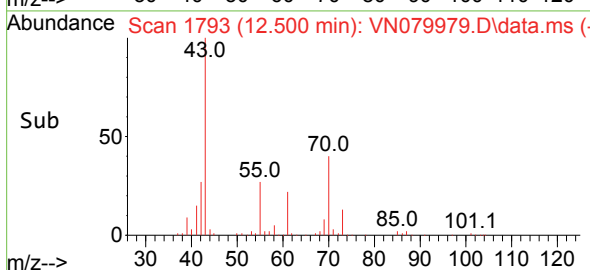
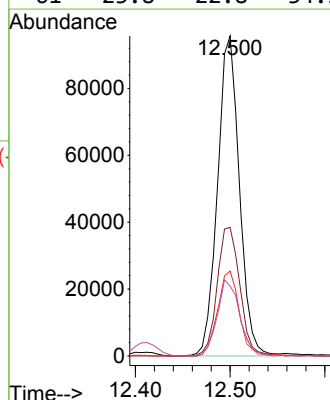
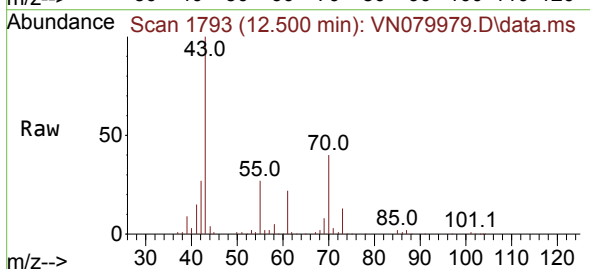
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

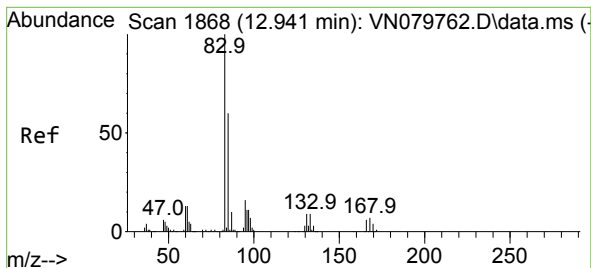
Tgt Ion:105 Resp: 362955
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 19.374 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 43 Resp: 153742
Ion Ratio Lower Upper
43 100
70 41.6 43.4 65.2#
55 26.8 21.4 32.0
61 23.8 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 20.512 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

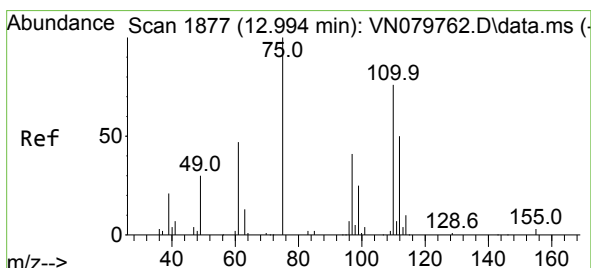
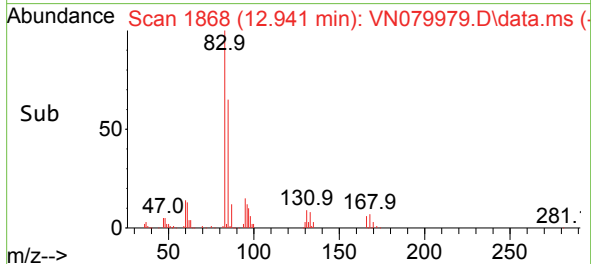
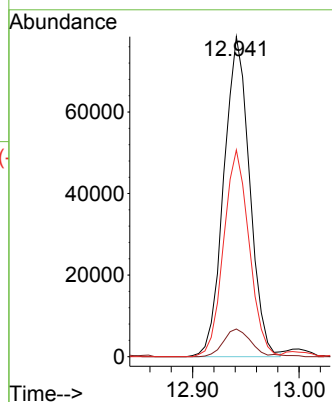
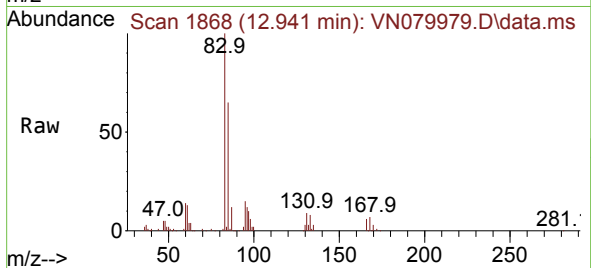
Tgt Ion: 83 Resp: 132216

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.342 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN079979.D

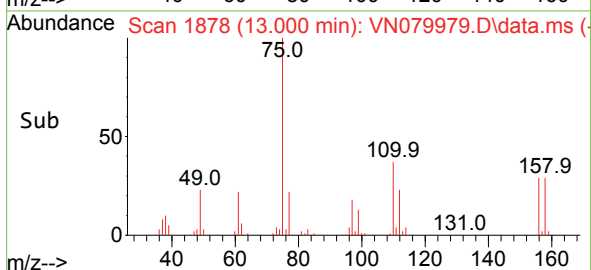
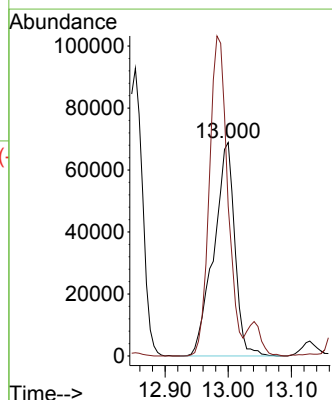
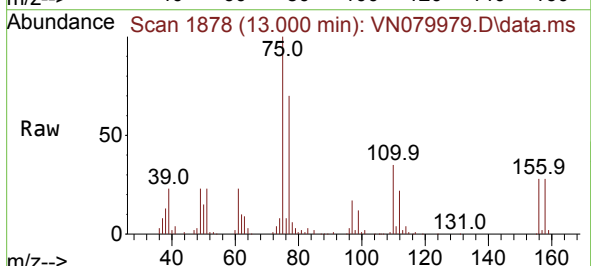
Acq: 07 Nov 2023 20:57

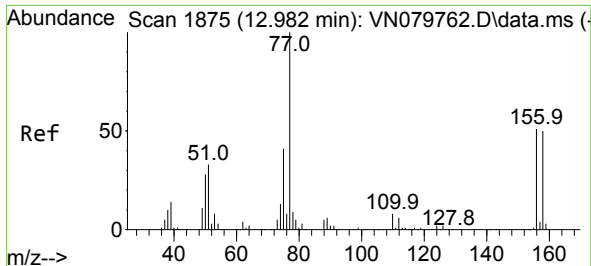
Tgt Ion: 75 Resp: 159391

Ion Ratio Lower Upper

75 100

77 130.5 84.5 253.5

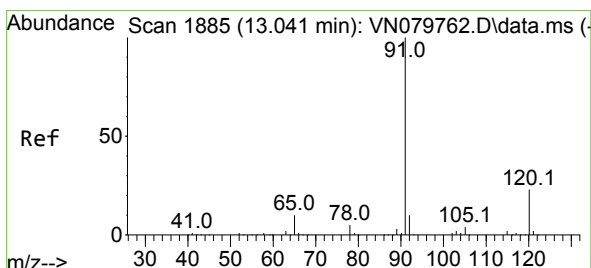
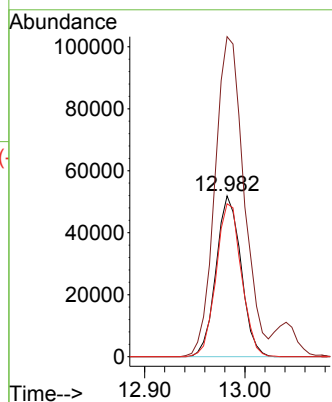
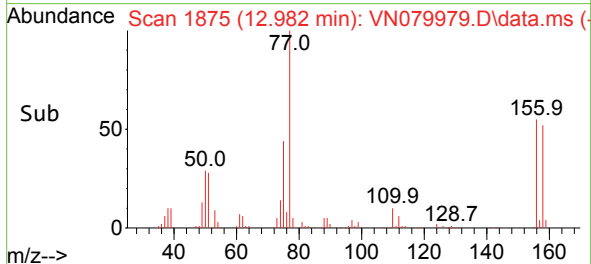
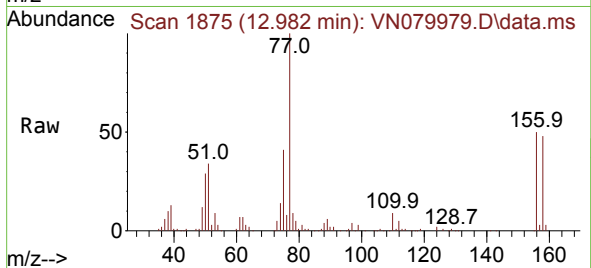




#77
Bromobenzene
Concen: 20.183 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

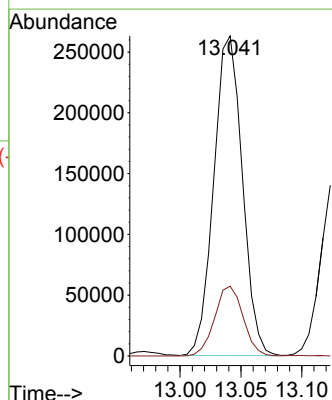
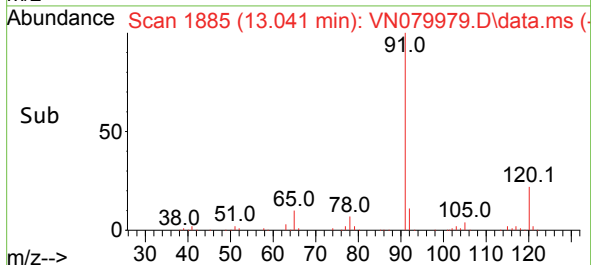
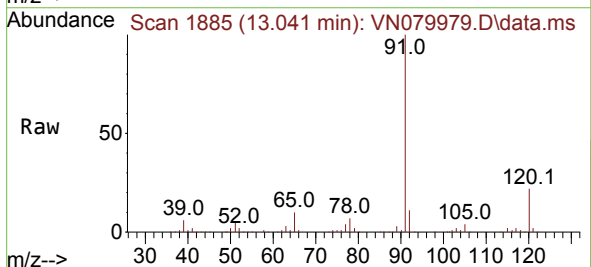
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

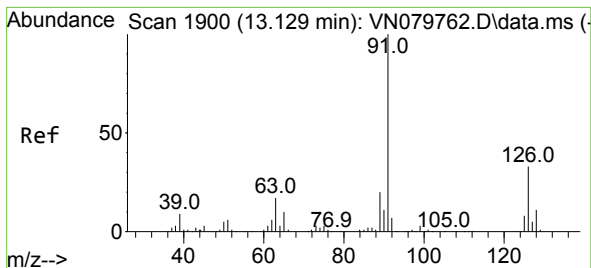
Tgt Ion:156 Resp: 89833
Ion Ratio Lower Upper
156 100
77 231.5 107.7 323.3
158 96.3 48.4 145.3



#78
n-propylbenzene
Concen: 20.616 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 91 Resp: 429201
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.383 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

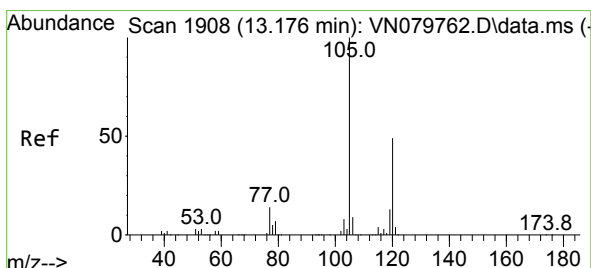
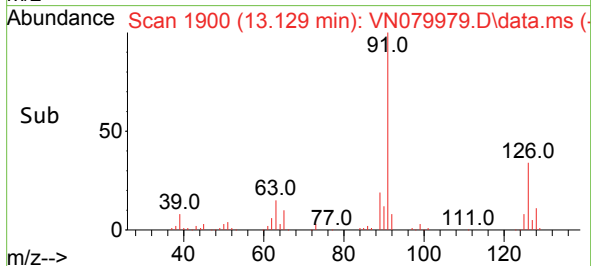
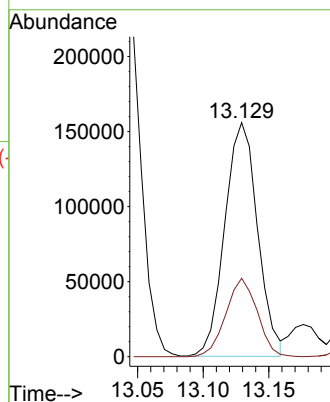
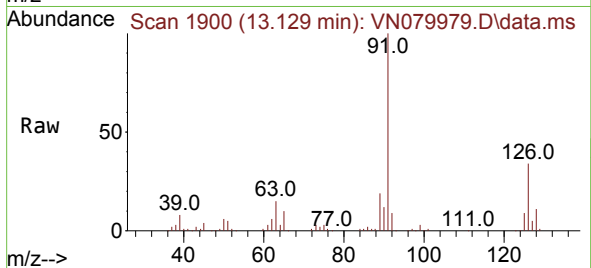
VN1107MBS01

Tgt Ion: 91 Resp: 271083

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.378 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079979.D

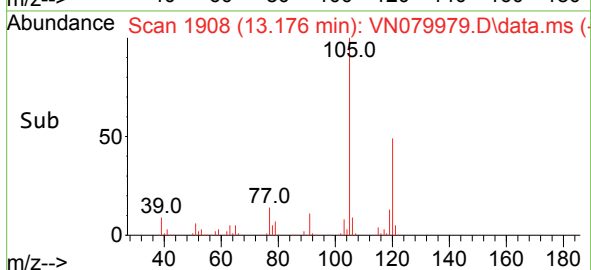
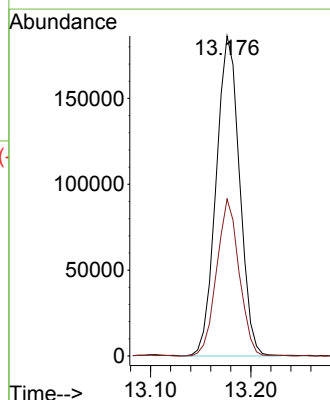
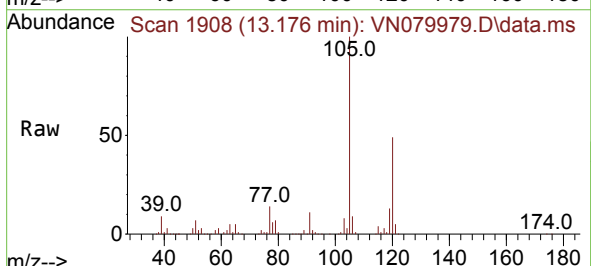
Acq: 07 Nov 2023 20:57

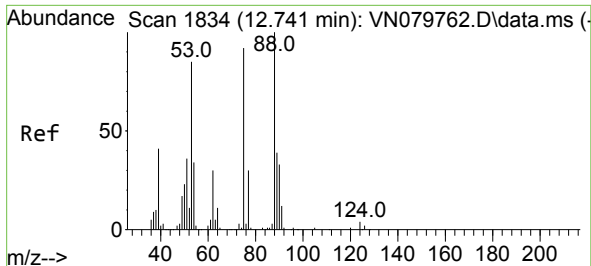
Tgt Ion: 105 Resp: 302378

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.3

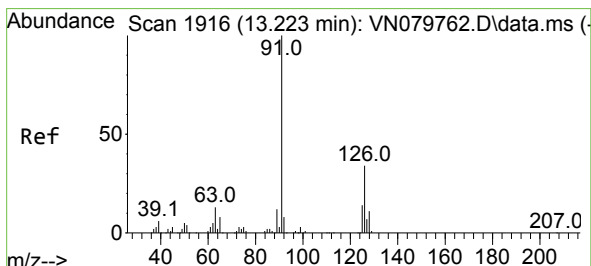
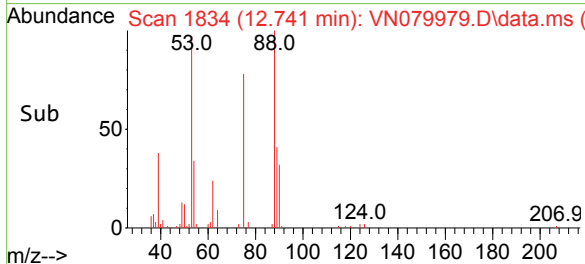
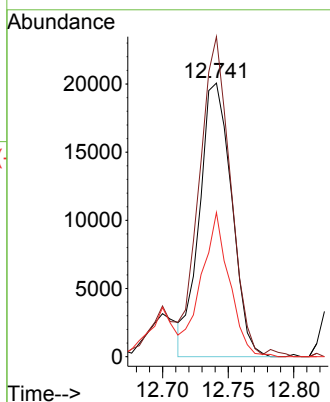
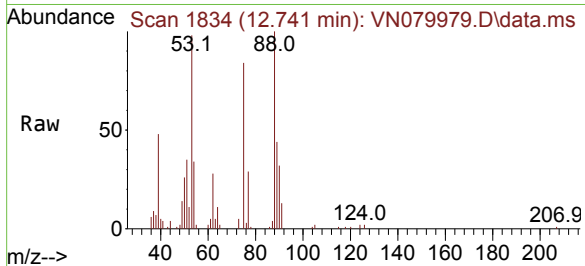




#81
trans-1,4-Dichloro-2-butene
Concen: 16.570 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

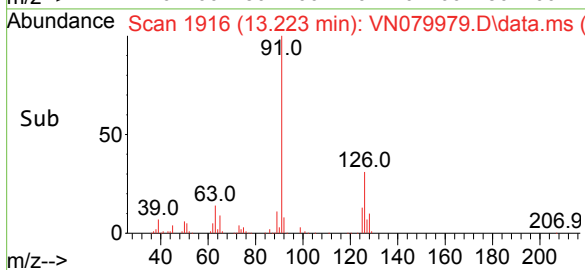
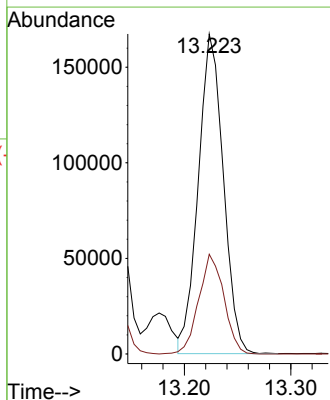
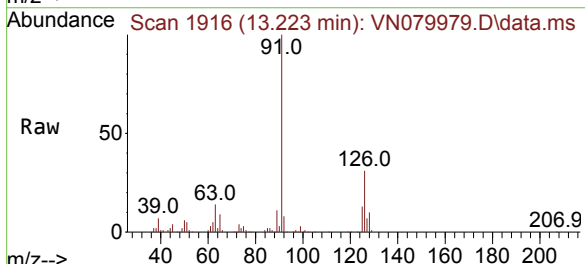
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

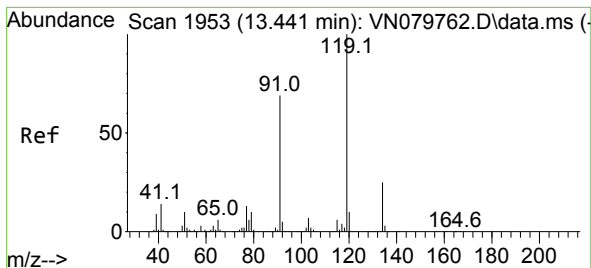
Tgt Ion: 75 Resp: 34250
Ion Ratio Lower Upper
75 100
53 111.3 67.4 101.2#
89 46.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.646 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 91 Resp: 272857
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.526 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

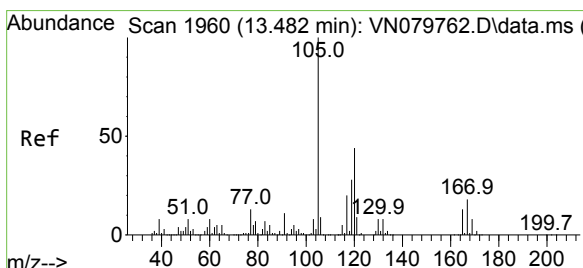
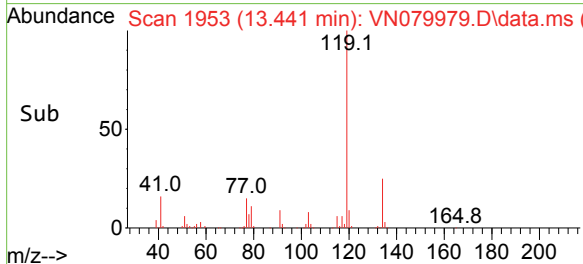
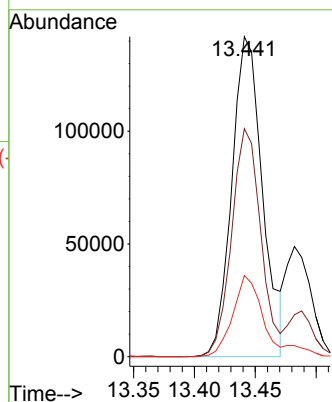
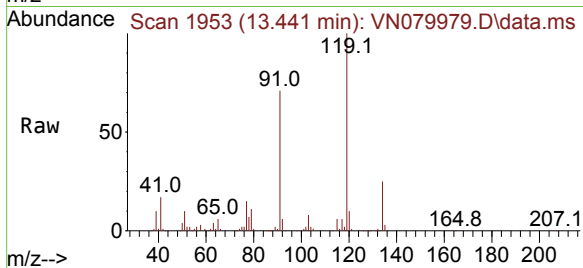
Tgt Ion:119 Resp: 249227

Ion Ratio Lower Upper

119 100

91 67.9 33.9 101.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.582 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079979.D

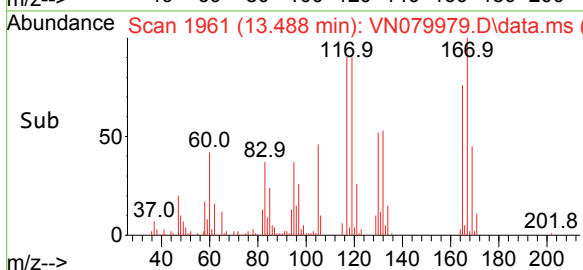
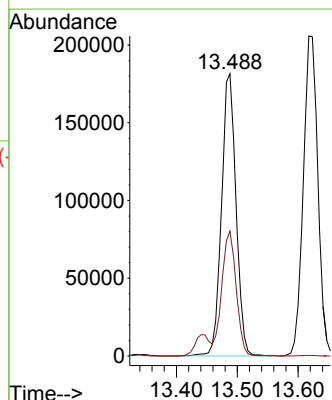
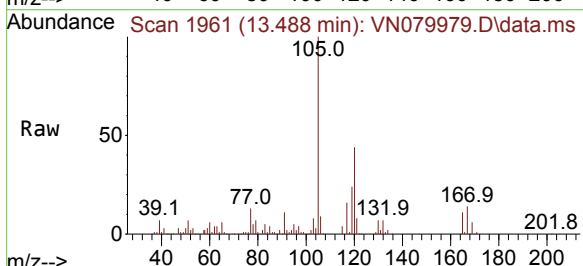
Acq: 07 Nov 2023 20:57

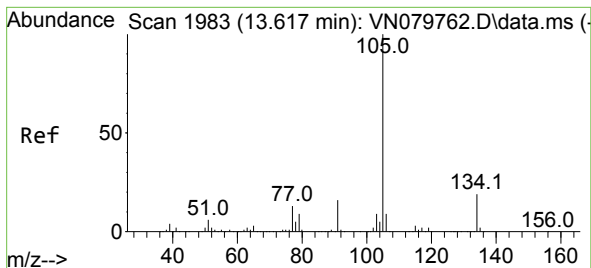
Tgt Ion:105 Resp: 300339

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 21.239 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

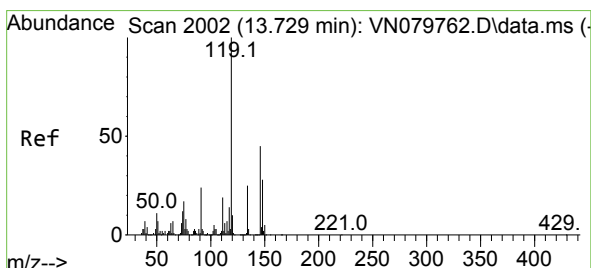
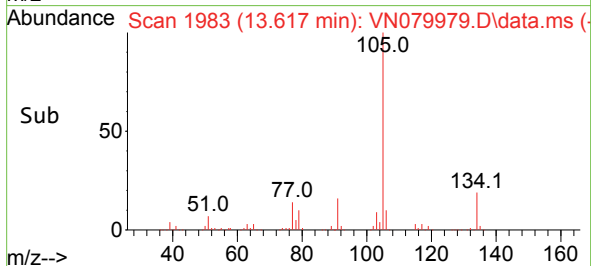
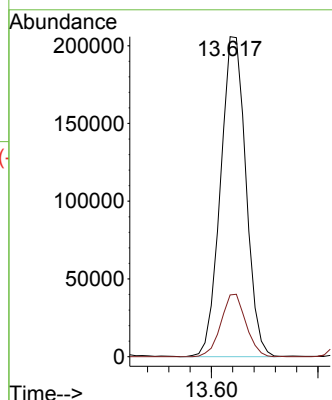
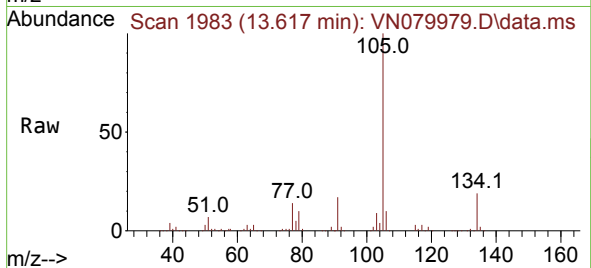
VN1107MBS01

Tgt Ion:105 Resp: 340692

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.785 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

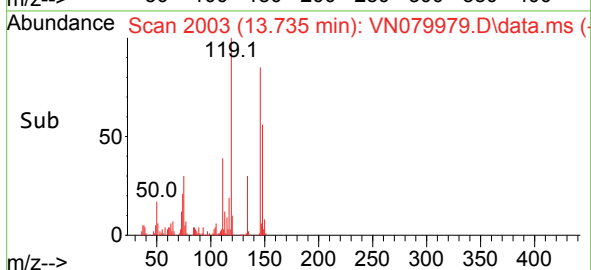
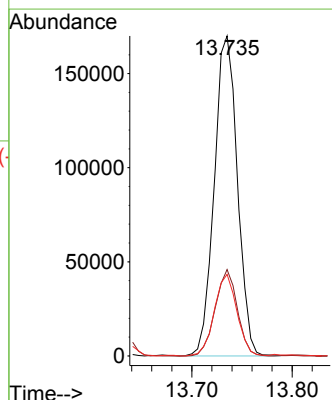
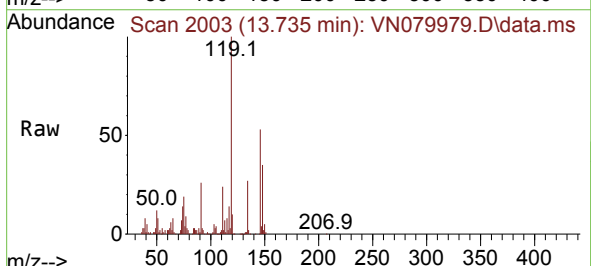
Tgt Ion:119 Resp: 271823

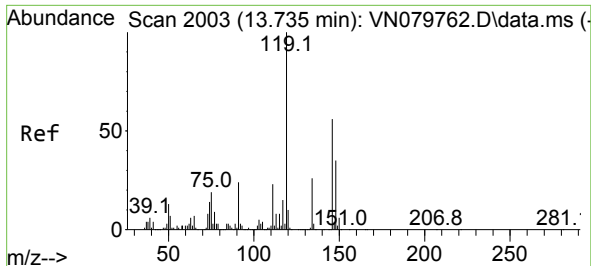
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.9 12.4 37.2

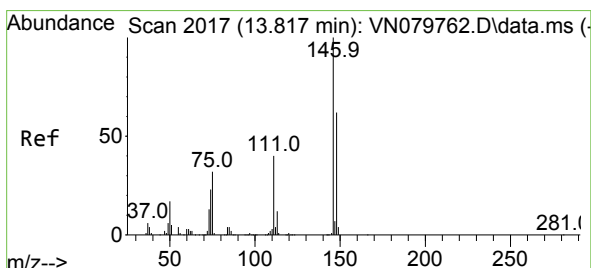
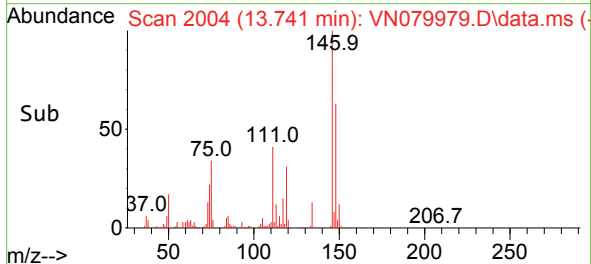
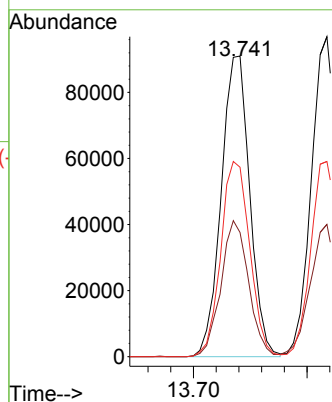
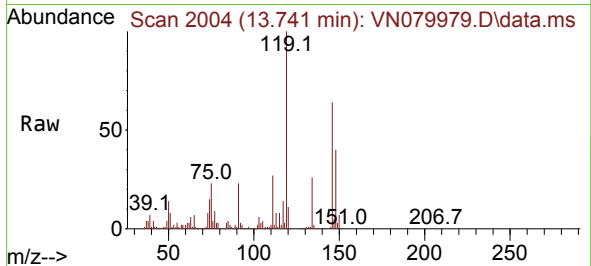




#87
1,3-Dichlorobenzene
Concen: 19.178 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

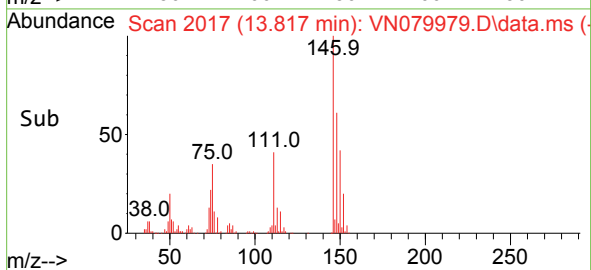
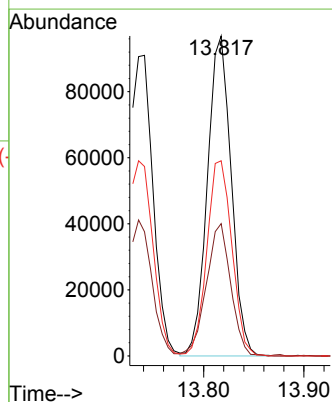
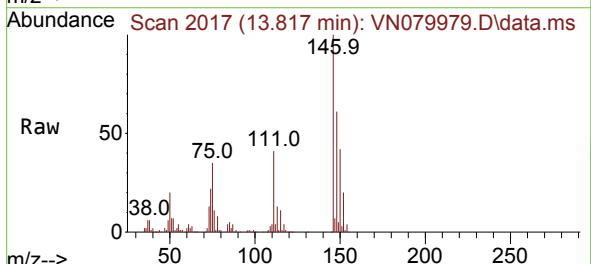
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

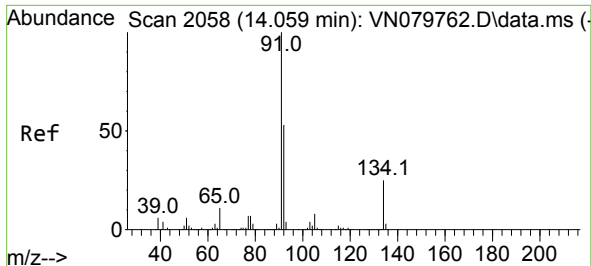
Tgt Ion:146 Resp: 158793
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 65.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.093 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion:146 Resp: 160469
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 64.0 31.6 94.8

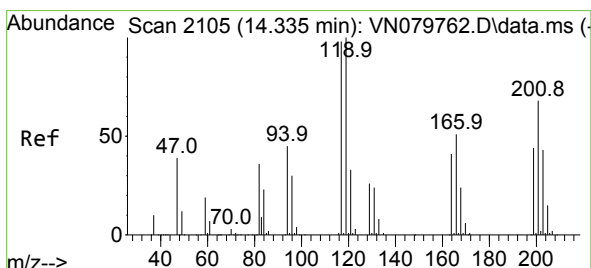
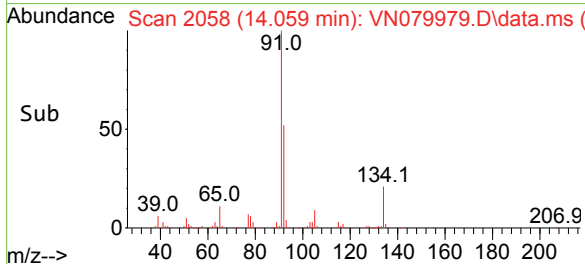
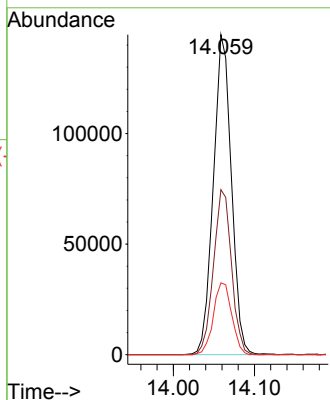
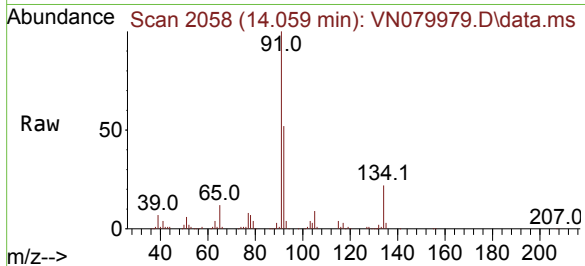




#89
n-Butylbenzene
Concen: 19.868 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

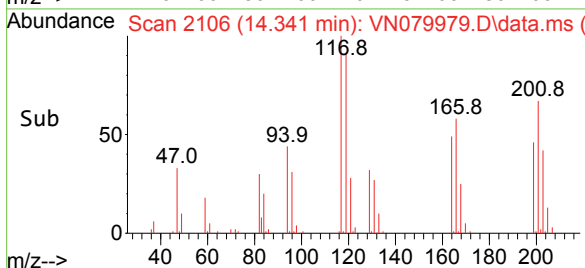
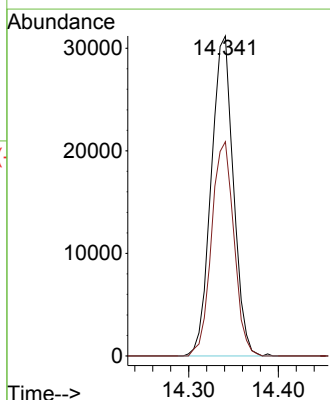
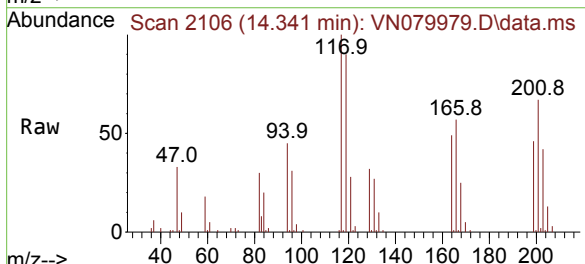
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBS01

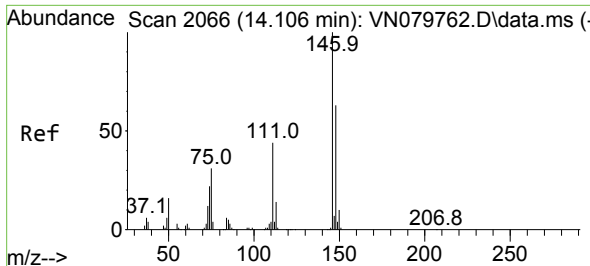
Tgt Ion: 91 Resp: 223801
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 22.9 12.6 37.6



#90
Hexachloroethane
Concen: 20.685 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079979.D
Acq: 07 Nov 2023 20:57

Tgt Ion: 117 Resp: 53575
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0

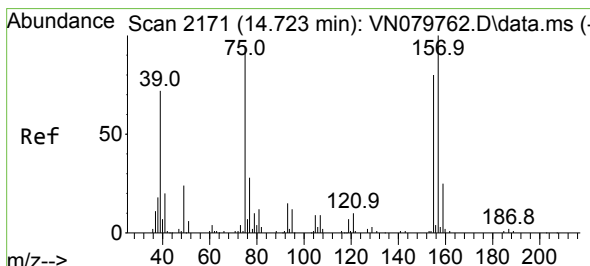
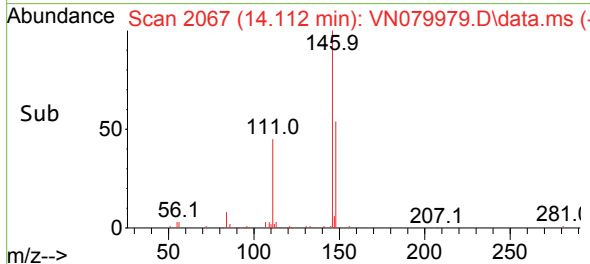
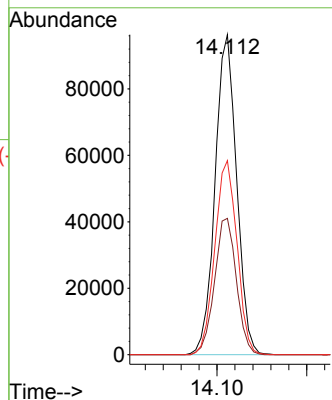
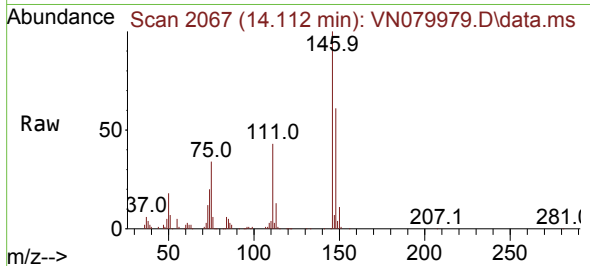




#91
 1,2-Dichlorobenzene
 Concen: 20.526 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

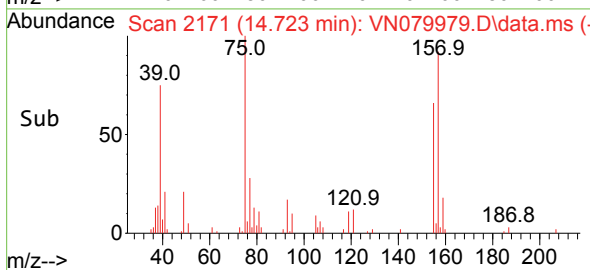
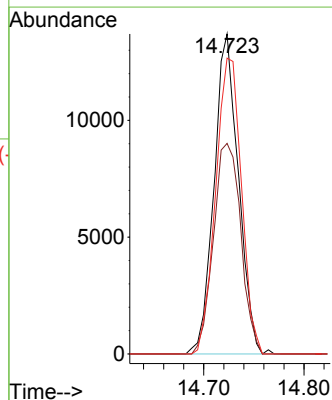
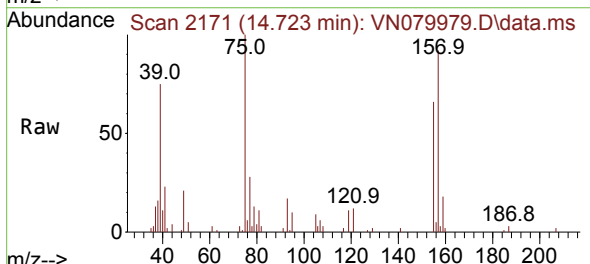
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

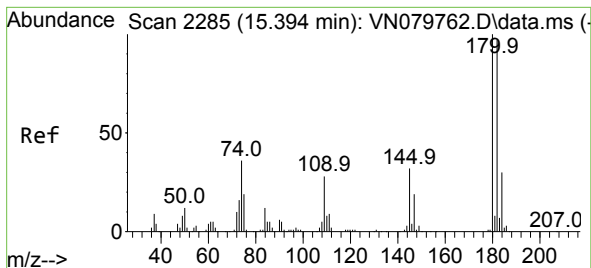
Tgt Ion:146 Resp: 160441
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.0 66.0
 148 62.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.102 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079979.D
 Acq: 07 Nov 2023 20:57

Tgt Ion: 75 Resp: 23067
 Ion Ratio Lower Upper
 75 100
 155 73.9 39.1 117.2
 157 97.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.995 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

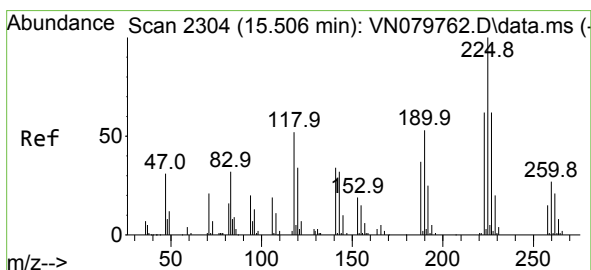
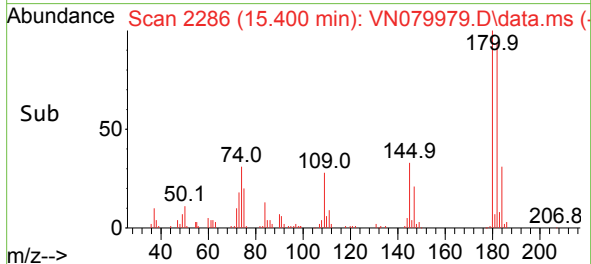
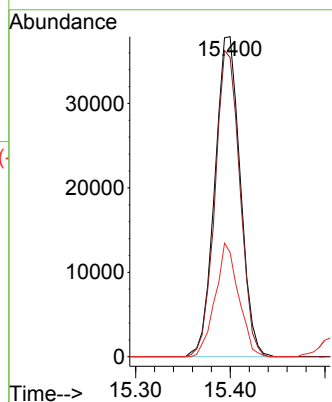
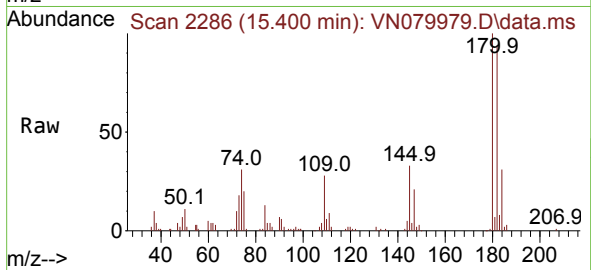
Tgt Ion:180 Resp: 70598

Ion Ratio Lower Upper

180 100

182 93.3 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 20.532 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

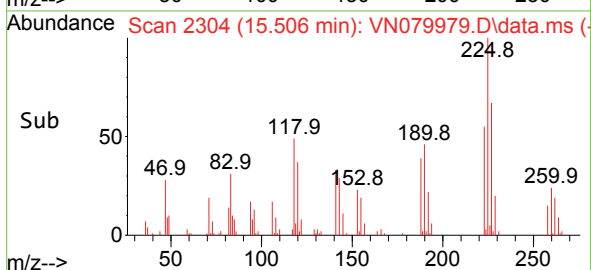
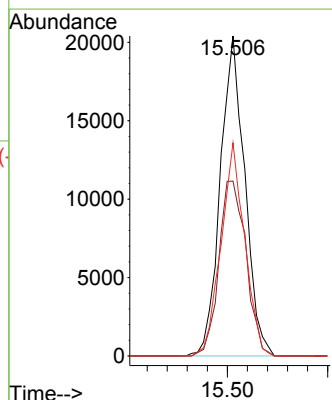
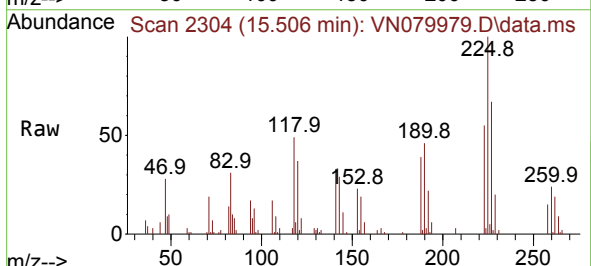
Tgt Ion:225 Resp: 34593

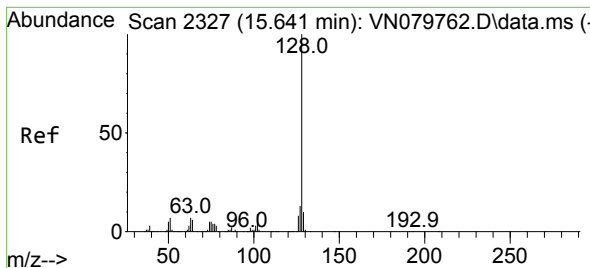
Ion Ratio Lower Upper

225 100

223 60.5 31.3 93.8

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 18.051 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBS01

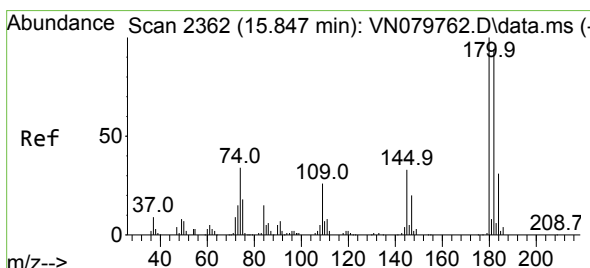
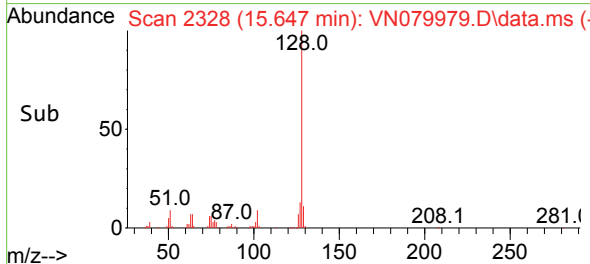
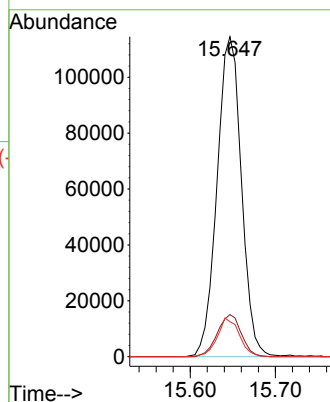
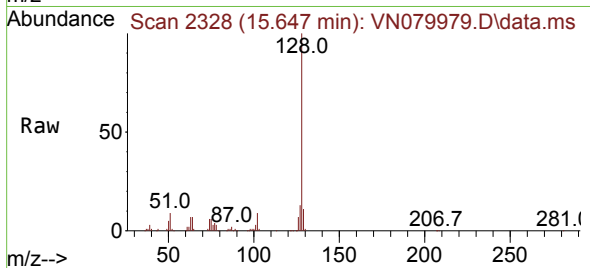
Tgt Ion:128 Resp: 227516

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.302 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079979.D

Acq: 07 Nov 2023 20:57

Tgt Ion:180 Resp: 70321

Ion Ratio Lower Upper

180 100

182 94.6 46.2 138.6

145 33.3 17.5 52.6

