

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079761.D
 Acq On : 01 Nov 2023 10:03
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 02 05:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	326564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	560565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	525300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	484251	97.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 194.660%#	
35) Dibromofluoromethane	8.165	113	398933	100.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 201.100%#	
50) Toluene-d8	10.571	98	1500645	102.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 205.480%#	
62) 4-Bromofluorobenzene	12.853	95	527900	108.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 217.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	400598	101.841	ug/l	99
3) Chloromethane	2.359	50	467525	100.048	ug/l	100
4) Vinyl Chloride	2.512	62	520601	101.108	ug/l	100
5) Bromomethane	2.930	94	284779	91.027	ug/l	97
6) Chloroethane	3.106	64	456043	111.674	ug/l	98
7) Trichlorofluoromethane	3.489	101	650125	101.516	ug/l	98
8) Diethyl Ether	3.959	74	255173	104.998	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	371699	100.121	ug/l	98
10) Methyl Iodide	4.589	142	443465	104.602	ug/l	97
11) Tert butyl alcohol	5.518	59	293124	461.527	ug/l	100
12) 1,1-Dichloroethene	4.336	96	358360	101.949	ug/l	84
13) Acrolein	4.177	56	196333	498.283	ug/l	99
14) Allyl chloride	5.018	41	568169	105.532	ug/l	92
15) Acrylonitrile	5.718	53	997608	504.033	ug/l	99
16) Acetone	4.424	43	865664	495.337	ug/l	93
17) Carbon Disulfide	4.706	76	1003961	99.017	ug/l	100
18) Methyl Acetate	5.018	43	815486	97.533	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	1272050	105.111	ug/l	94
20) Methylene Chloride	5.277	84	423209	95.972	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	398839	101.736	ug/l	85
22) Diisopropyl ether	6.671	45	1334280	106.942	ug/l #	91
23) Vinyl Acetate	6.600	43	3815572	554.423	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	771778	101.773	ug/l	99
25) 2-Butanone	7.483	43	1346785	526.263	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	650303	103.690	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	476620	101.637	ug/l	89
28) Bromochloromethane	7.812	49	367730	99.504	ug/l #	79
29) Tetrahydrofuran	7.836	42	859263	516.069	ug/l #	78
30) Chloroform	7.965	83	783008	95.057	ug/l	97
31) Cyclohexane	8.259	56	631465	96.049	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	679883	101.298	ug/l	96
36) 1,1-Dichloropropene	8.371	75	585208	103.305	ug/l	96
37) Ethyl Acetate	7.559	43	537936	103.542	ug/l #	92
38) Carbon Tetrachloride	8.365	117	586706	102.766	ug/l	99
39) Methylcyclohexane	9.600	83	584675	109.671	ug/l #	90
40) Benzene	8.606	78	1735399	102.280	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	282864	102.530	ug/l	89
42) 1,2-Dichloroethane	8.671	62	600533	101.327	ug/l	98
43) Isopropyl Acetate	8.688	43	937259	102.870	ug/l #	91
44) Trichloroethene	9.353	130	427806	101.610	ug/l	99
45) 1,2-Dichloropropane	9.624	63	454924	104.917	ug/l	93
46) Dibromomethane	9.712	93	311238	105.123	ug/l	96
47) Bromodichloromethane	9.888	83	629905	99.760	ug/l	97
48) Methyl methacrylate	9.683	41	440242	110.315	ug/l #	84
49) 1,4-Dioxane	9.694	88	143556	2035.782	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	2768043	539.637	ug/l	91
52) Toluene	10.630	92	1092435	108.605	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	704613	113.831	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	748221	110.898	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	419791	103.759	ug/l	95
56) Ethyl methacrylate	10.877	69	678142	117.510	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	752169	105.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1672143	571.687	ug/l	91
59) 2-Hexanone	11.200	43	2260282	576.011	ug/l	84
60) Dibromochloromethane	11.359	129	474748	109.625	ug/l	99
61) 1,2-Dibromoethane	11.471	107	438021	107.867	ug/l	99
64) Tetrachloroethene	11.106	164	338392	99.465	ug/l	99
65) Chlorobenzene	11.894	112	1151227	101.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	431501	105.105	ug/l	97
67) Ethyl Benzene	11.965	91	2129188	107.250	ug/l	97
68) m/p-Xylenes	12.071	106	1584140	214.206	ug/l	95
69) o-Xylene	12.400	106	782677	109.905	ug/l	94
70) Styrene	12.412	104	1321926	115.506	ug/l	98
71) Bromoform	12.582	173	329048	112.873	ug/l #	98
73) Isopropylbenzene	12.700	105	1961464	105.162	ug/l	100
74) N-amyl acetate	12.494	43	857507	105.327	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	632369	95.623	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	806142	139.897	ug/l	71
77) Bromobenzene	12.982	156	466950	102.256	ug/l	96
78) n-propylbenzene	13.035	91	2324127	108.811	ug/l	98
79) 2-Chlorotoluene	13.129	91	1391111	101.951	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1588004	109.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	240921	113.607	ug/l	94
82) 4-Chlorotoluene	13.223	91	1407942	103.837	ug/l	100
83) tert-Butylbenzene	13.441	119	1315674	110.760	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1612424	112.934	ug/l	100
85) sec-Butylbenzene	13.618	105	1815522	110.317	ug/l	100
86) p-Isopropyltoluene	13.729	119	1536281	114.496	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	859281	101.152	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	853515	98.986	ug/l	100
89) n-Butylbenzene	14.059	91	1316448	113.912	ug/l	100
90) Hexachloroethane	14.335	117	264713	99.617	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	818717	102.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	116828	104.173	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	412611	108.209	ug/l	97
94) Hexachlorobutadiene	15.500	225	158116	91.473	ug/l	99
95) Naphthalene	15.641	128	1416990	109.580	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	390330	104.430	ug/l	98

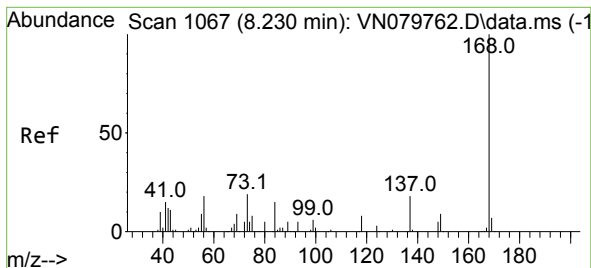
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

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MSVOA_N

ClientSampleId :

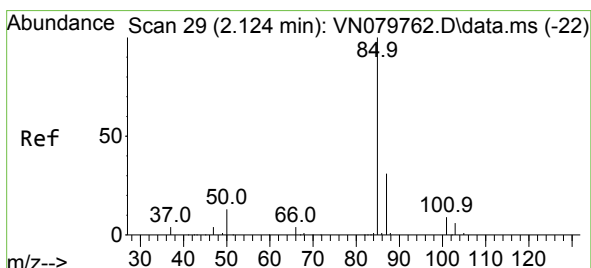
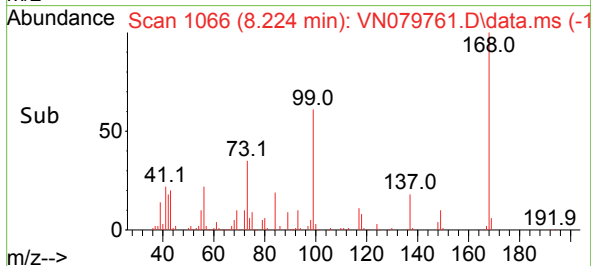
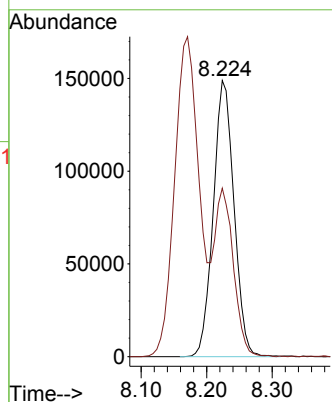
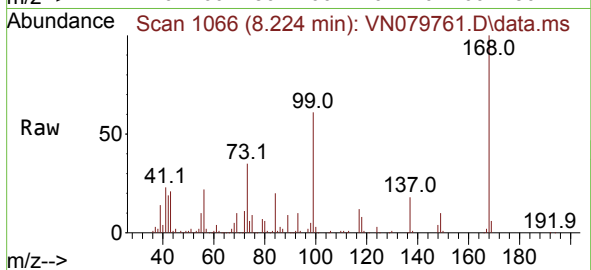
VSTDIC100

Tgt Ion:168 Resp: 326564

Ion Ratio Lower Upper

168 100

99 60.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 101.841 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079761.D

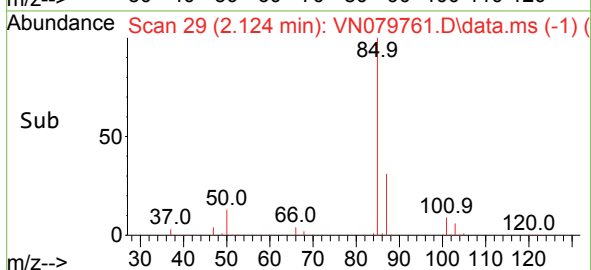
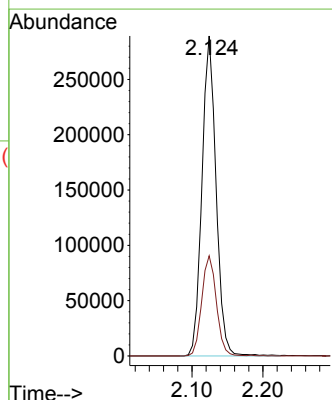
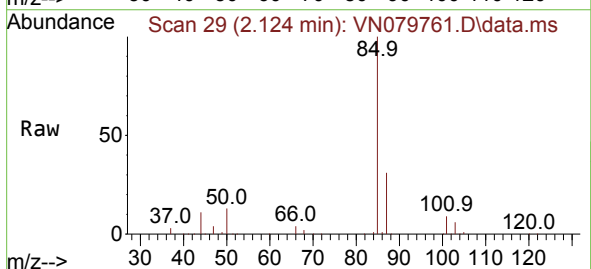
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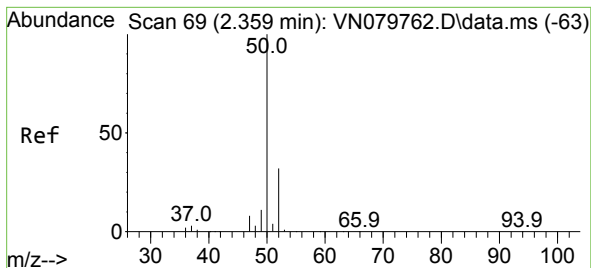
Tgt Ion: 85 Resp: 400598

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4





#3

Chloromethane

Concen: 100.048 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

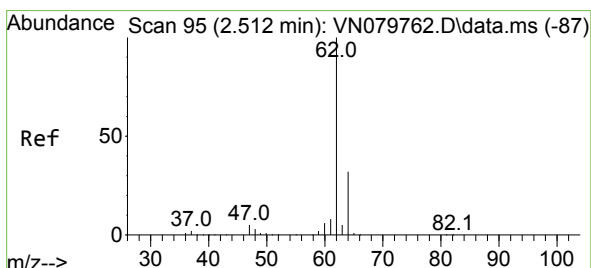
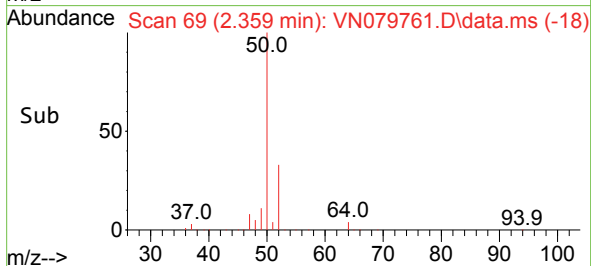
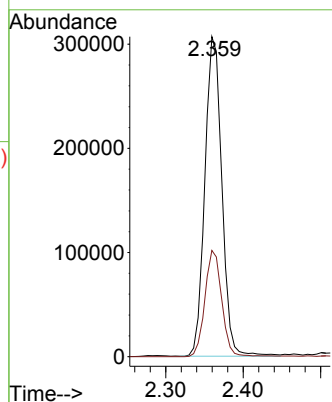
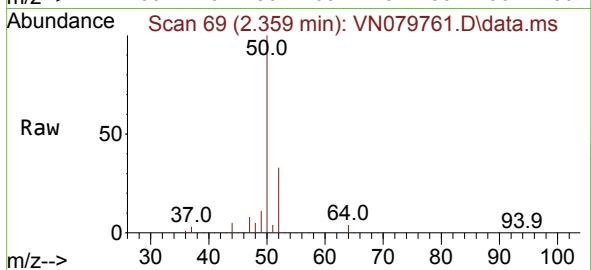
VSTDIC100

Tgt Ion: 50 Resp: 467525

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 101.108 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079761.D

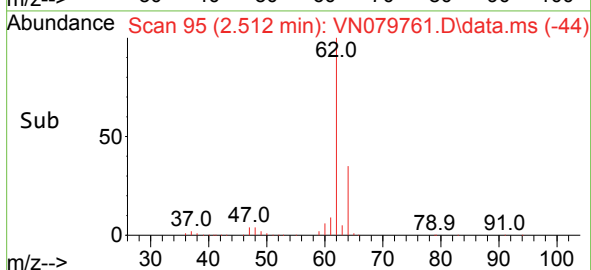
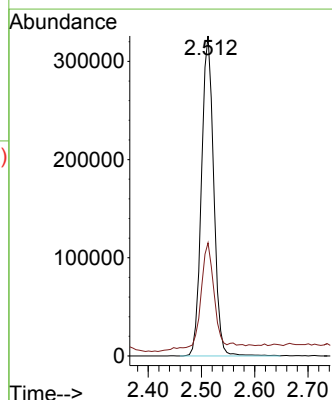
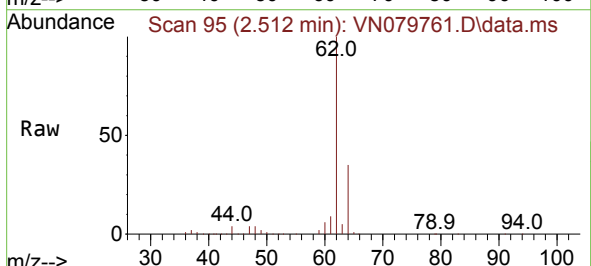
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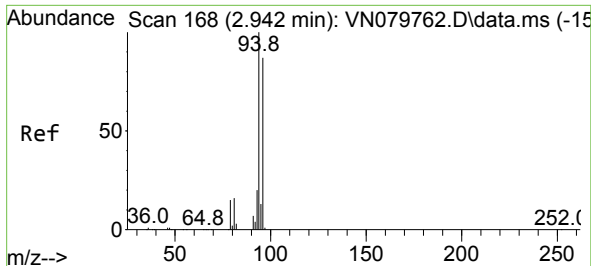
Tgt Ion: 62 Resp: 520601

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2

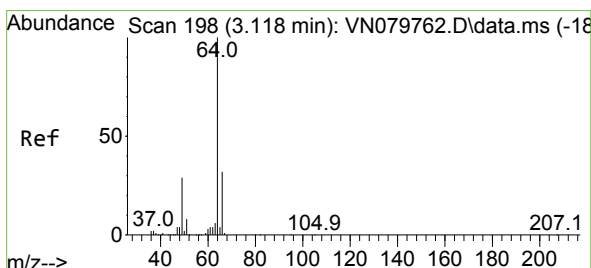
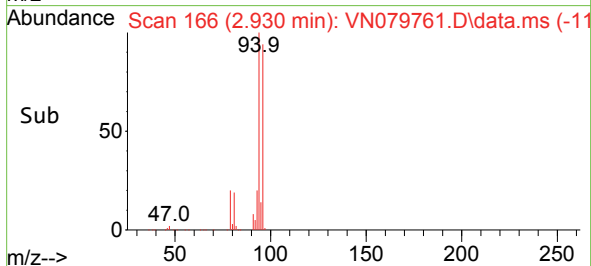
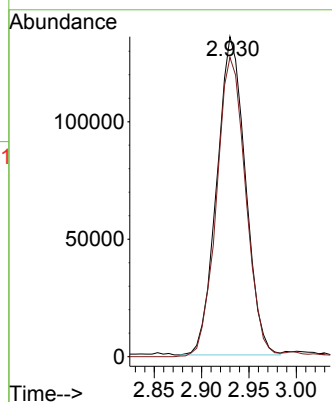
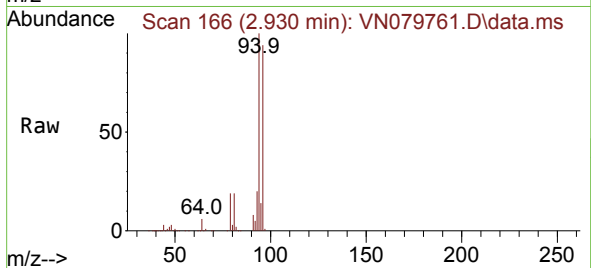




#5
Bromomethane
Concen: 91.027 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.023 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

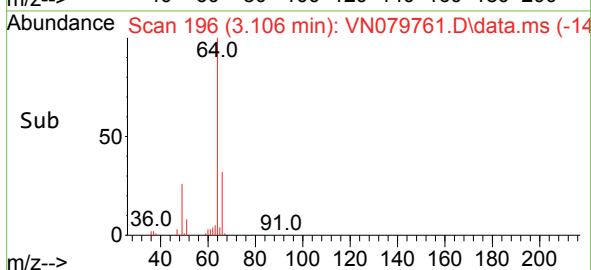
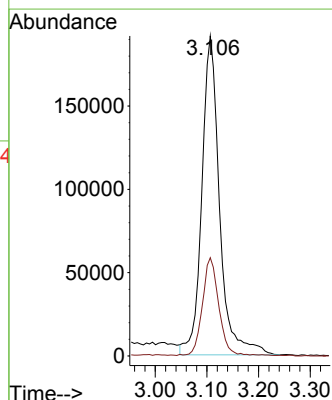
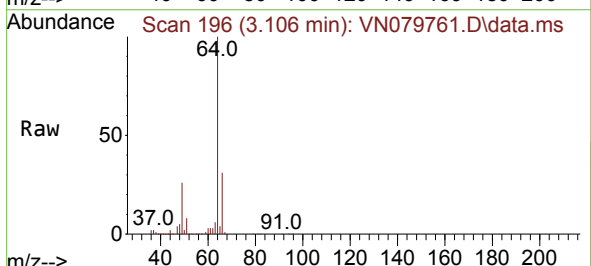
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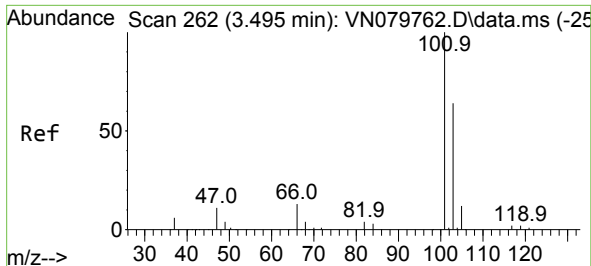
Tgt Ion: 94 Resp: 284779
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7



#6
Chloroethane
Concen: 111.674 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 64 Resp: 456043
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2

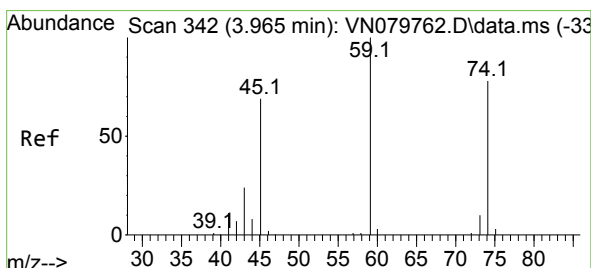
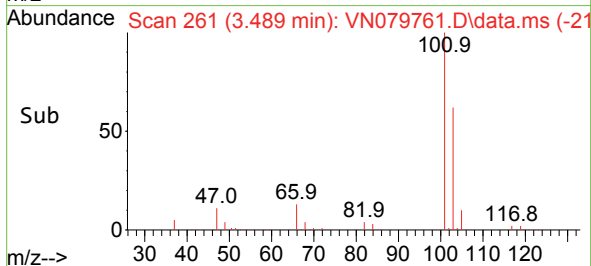
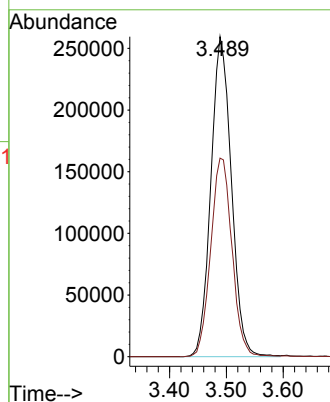
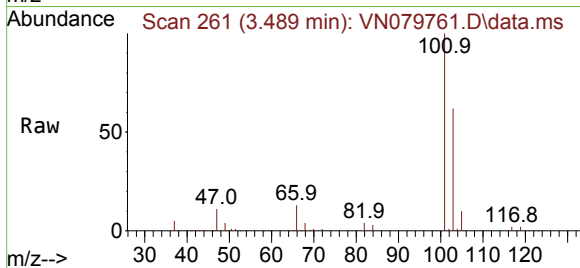




#7
Trichlorofluoromethane
Concen: 101.516 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

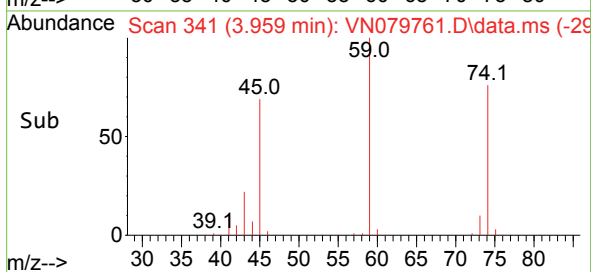
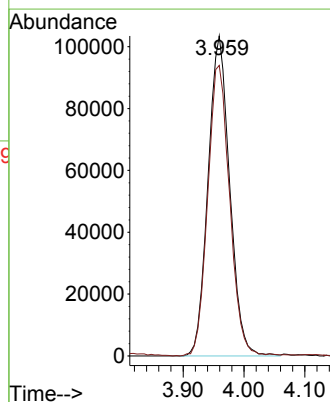
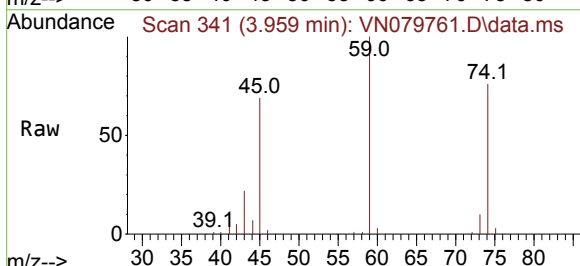
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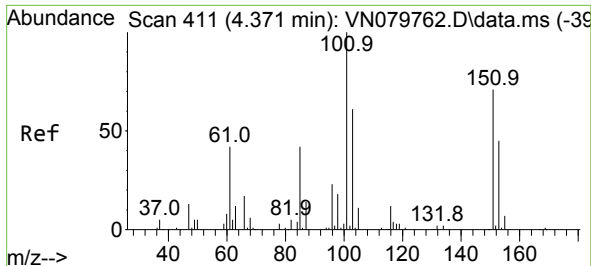
Tgt Ion:101 Resp: 650125
Ion Ratio Lower Upper
101 100
103 62.0 50.7 76.1



#8
Diethyl Ether
Concen: 104.998 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 74 Resp: 255173
Ion Ratio Lower Upper
74 100
45 92.1 34.4 103.3

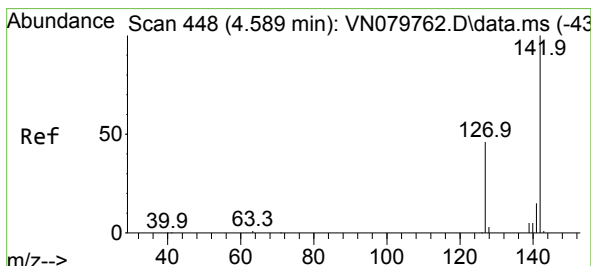
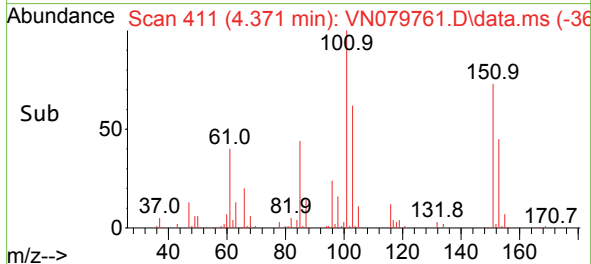
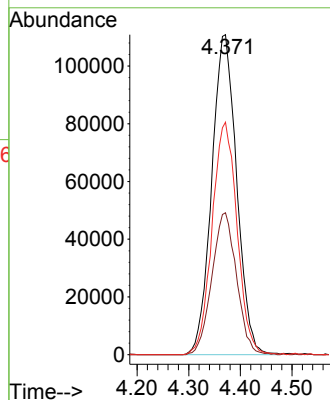
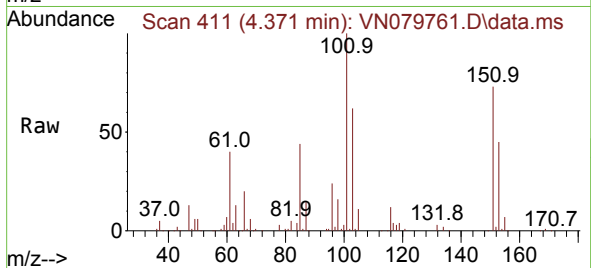




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.121 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079761.D
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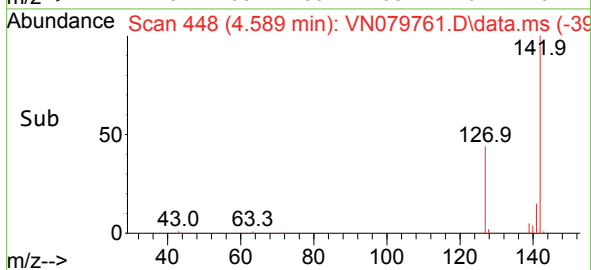
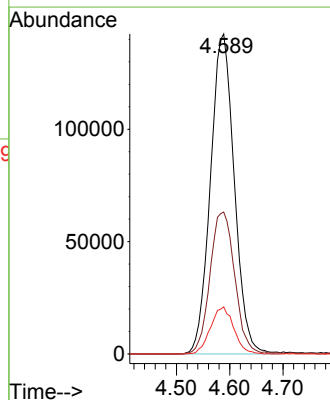
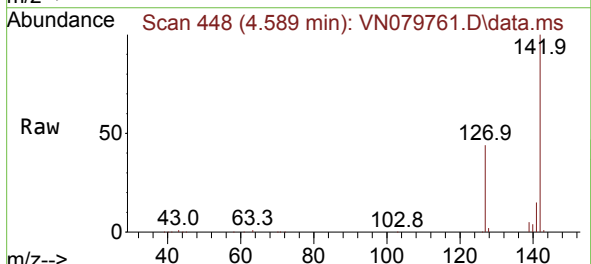
Instrument :
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ClientSampleId :
VSTDIC100

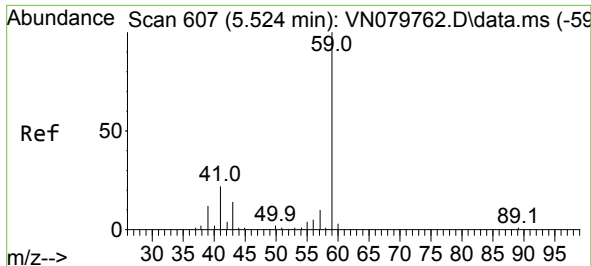
Tgt Ion:101 Resp: 371699
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 72.6 57.6 86.4



#10
Methyl Iodide
Concen: 104.602 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:142 Resp: 443465
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 461.527 ug/l

RT: 5.518 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

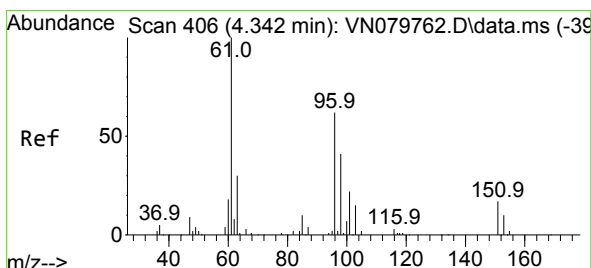
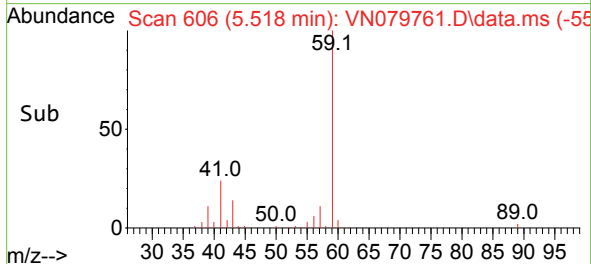
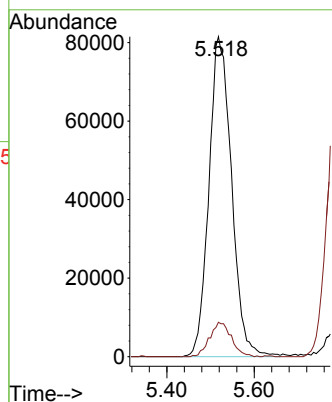
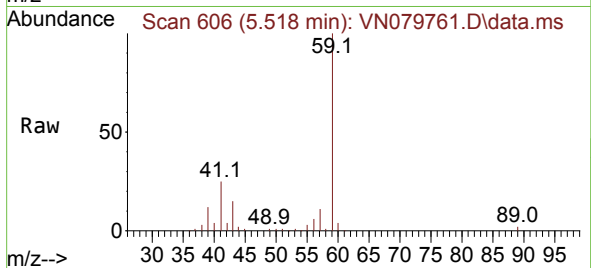
VSTDICC100

Tgt Ion: 59 Resp: 293124

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 101.949 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.012 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

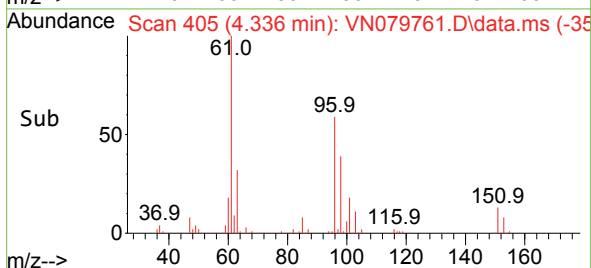
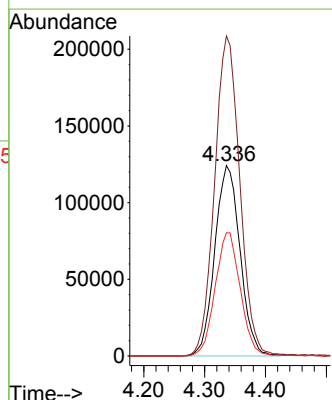
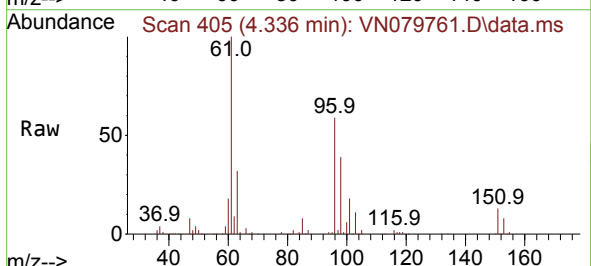
Tgt Ion: 96 Resp: 358360

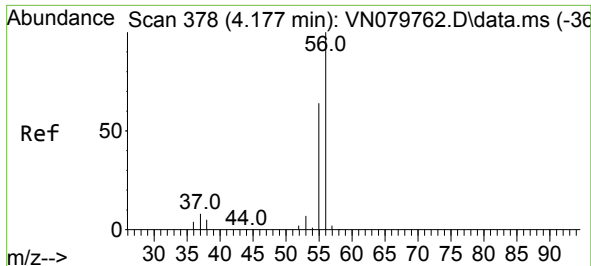
Ion Ratio Lower Upper

96 100

61 168.1 112.7 169.1

98 64.8 51.2 76.8





#13

Acrolein

Concen: 498.283 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

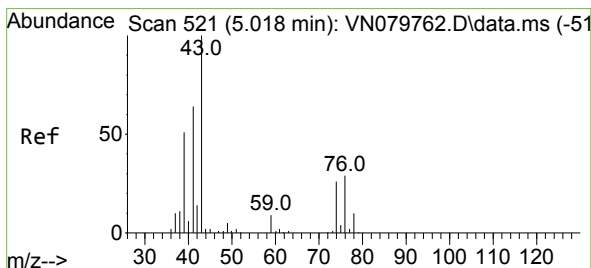
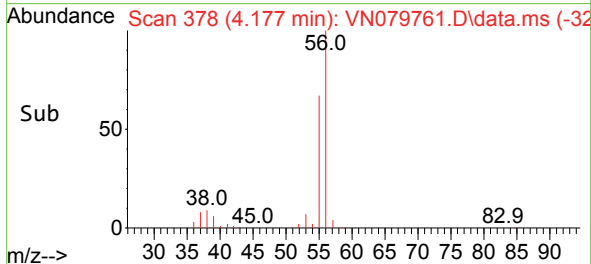
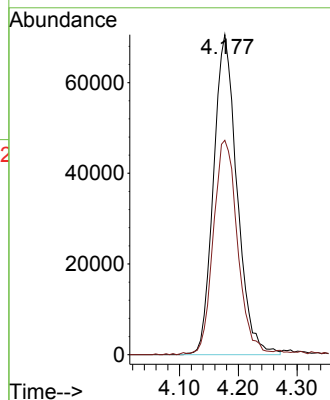
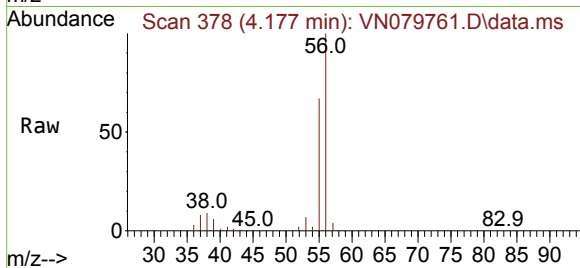
VSTDIC100

Tgt Ion: 56 Resp: 196333

Ion Ratio Lower Upper

56 100

55 69.1 54.5 81.7



#14

Allyl chloride

Concen: 105.532 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

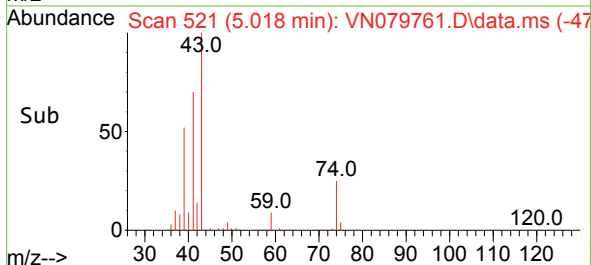
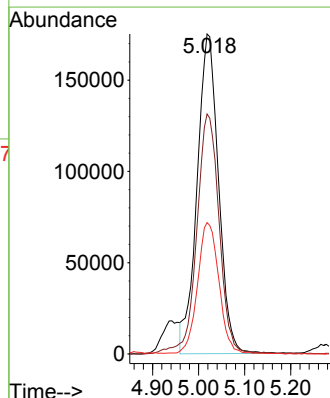
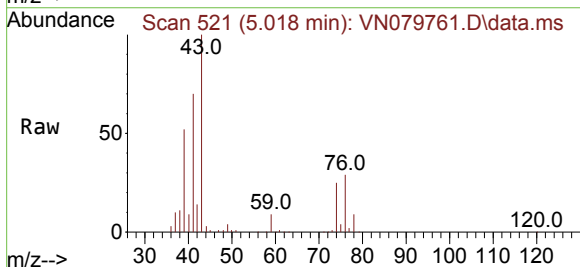
Tgt Ion: 41 Resp: 568169

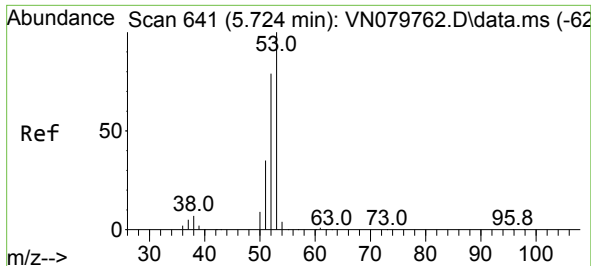
Ion Ratio Lower Upper

41 100

39 78.1 58.8 88.2

76 40.6 39.1 58.7

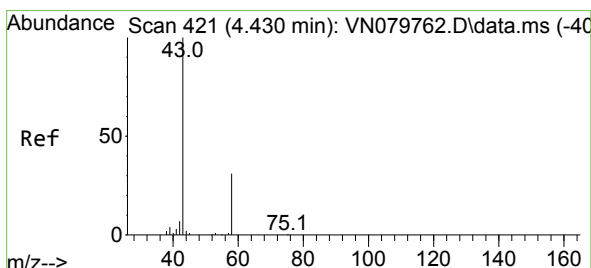
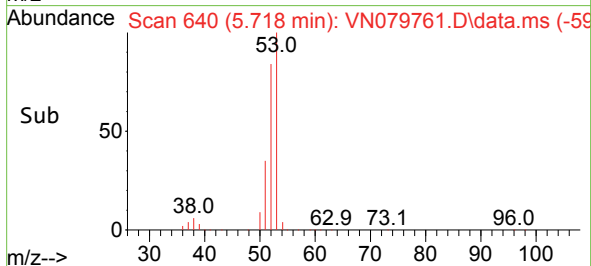
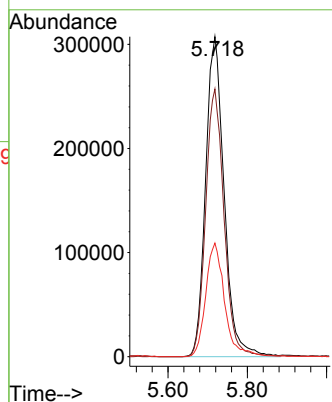
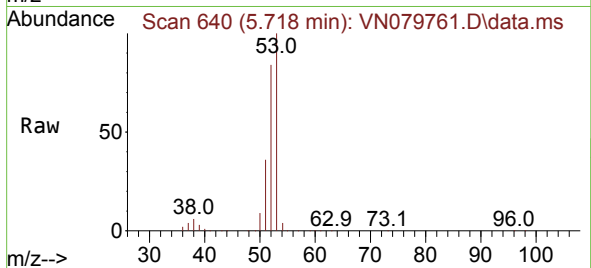




#15
Acrylonitrile
Concen: 504.033 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

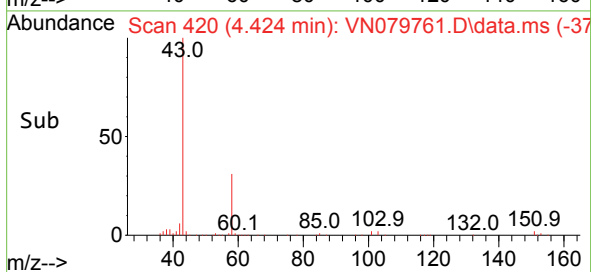
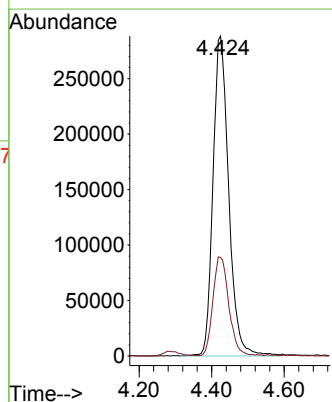
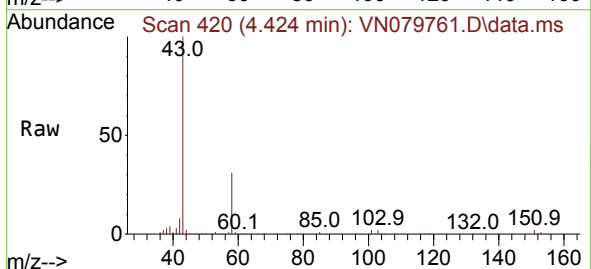
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

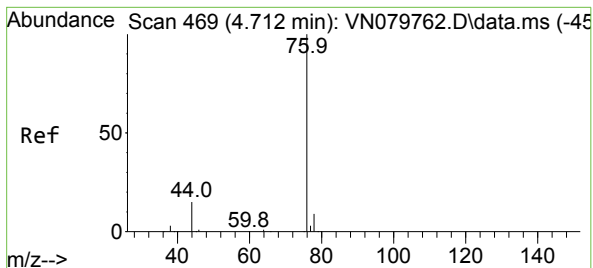
Tgt Ion: 53 Resp: 997608
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.3 28.9 43.3



#16
Acetone
Concen: 495.337 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 43 Resp: 865664
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17

Carbon Disulfide

Concen: 99.017 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

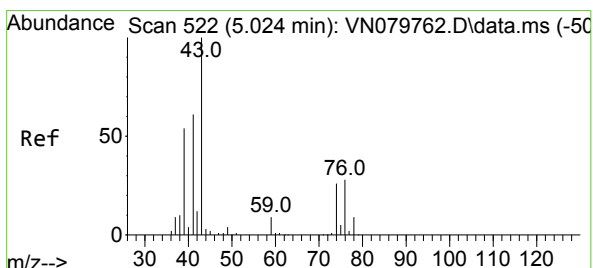
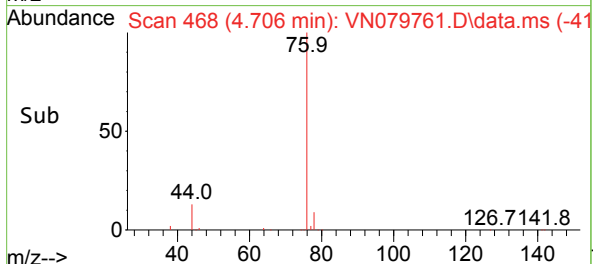
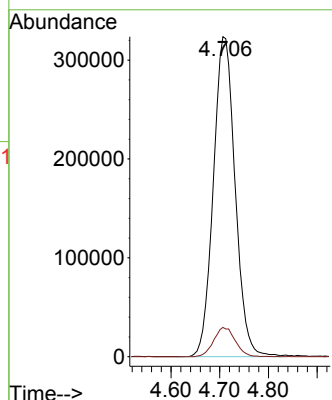
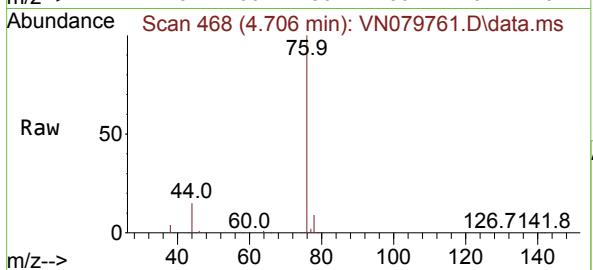
VSTDIC100

Tgt Ion: 76 Resp: 1003961

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 97.533 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079761.D

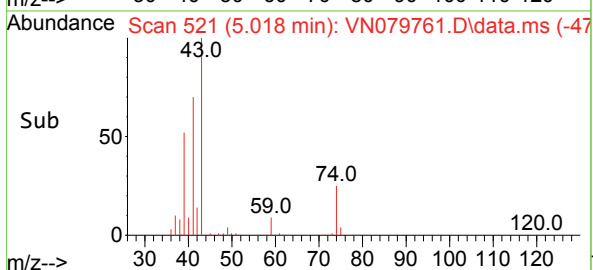
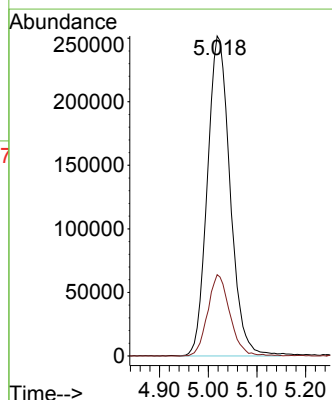
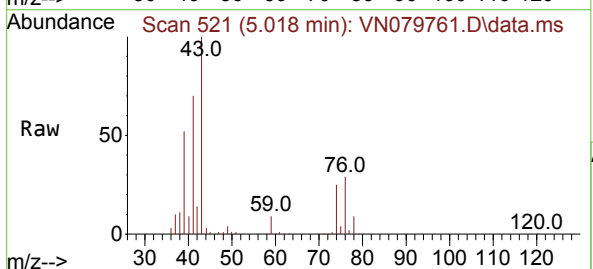
Acq: 01 Nov 2023 10:03

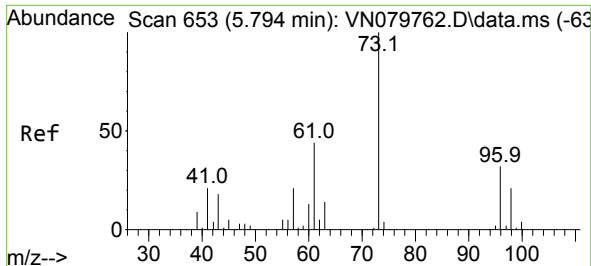
Tgt Ion: 43 Resp: 815486

Ion Ratio Lower Upper

43 100

74 24.7 26.2 39.4#

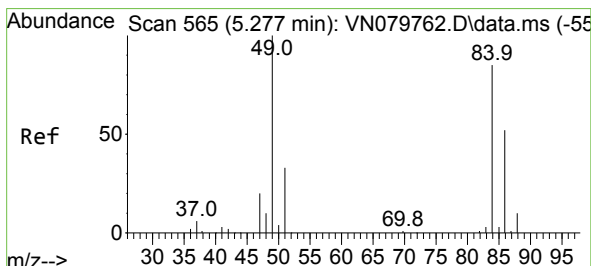
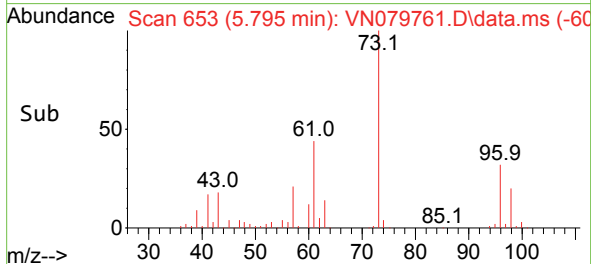
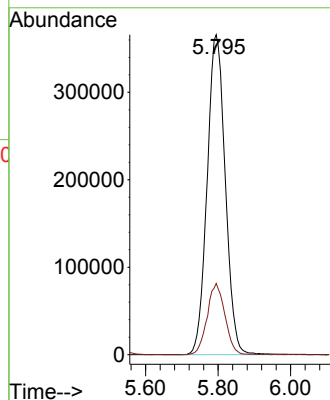
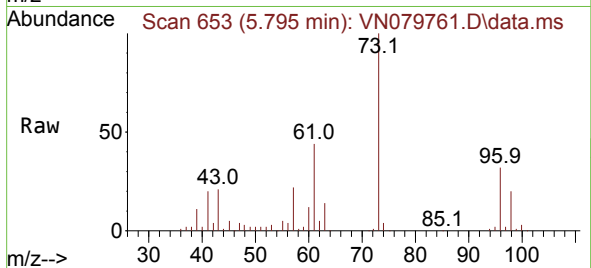




#19
Methyl tert-butyl Ether
Concen: 105.111 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

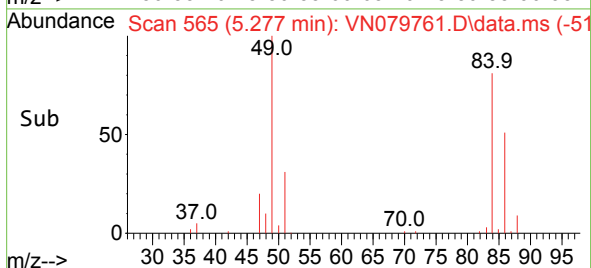
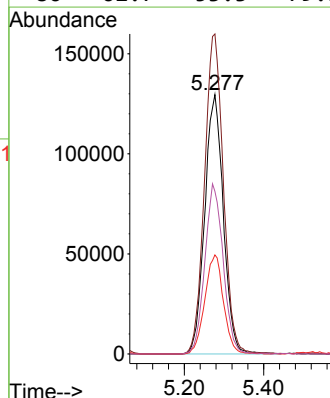
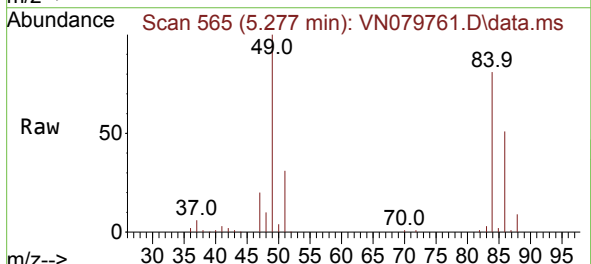
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

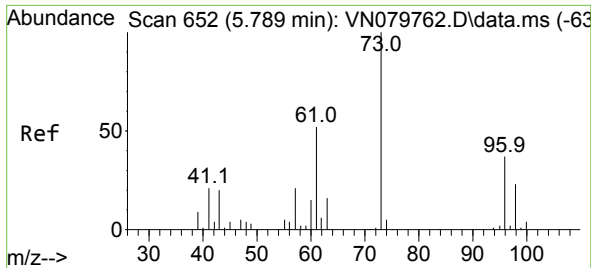
Tgt Ion: 73 Resp: 1272050
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 95.972 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 84 Resp: 423209
Ion Ratio Lower Upper
84 100
49 123.4 79.7 119.5#
51 38.2 25.2 37.8#
86 62.7 53.3 79.9

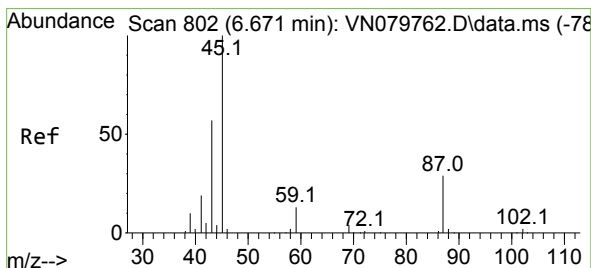
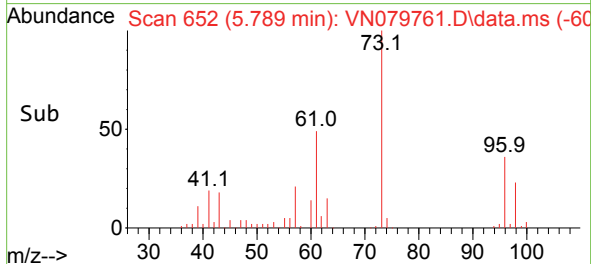
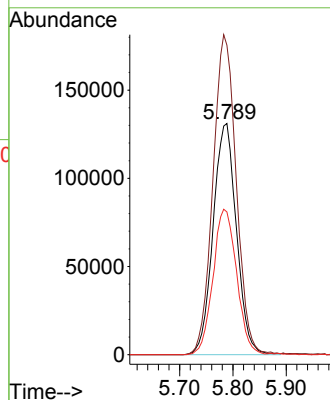
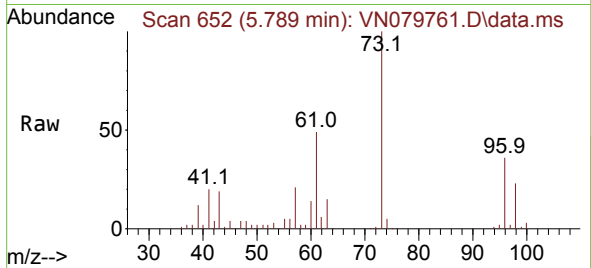




#21
trans-1,2-Dichloroethene
Concen: 101.736 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

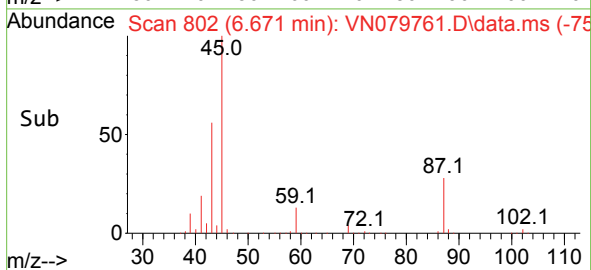
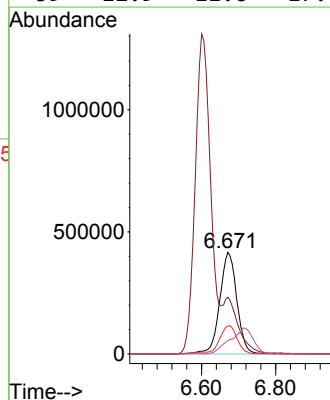
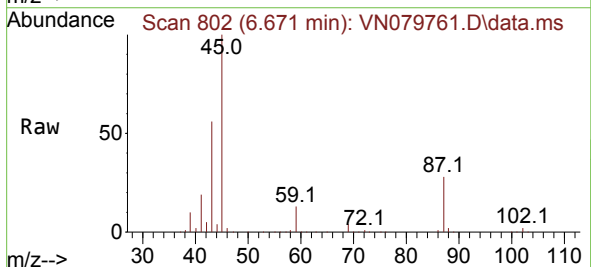
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

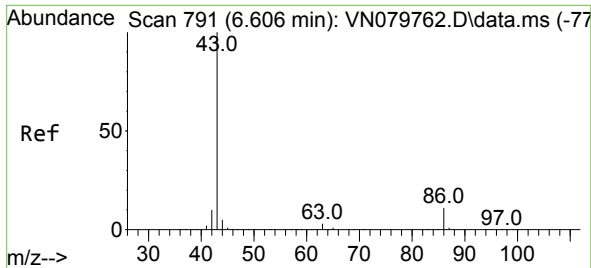
Tgt Ion: 96 Resp: 398839
Ion Ratio Lower Upper
96 100
61 133.8 90.1 135.1
98 61.7 46.4 69.6



#22
Diisopropyl ether
Concen: 106.942 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 45 Resp: 1334280
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 27.5 31.8 47.8#
59 12.9 11.6 17.4

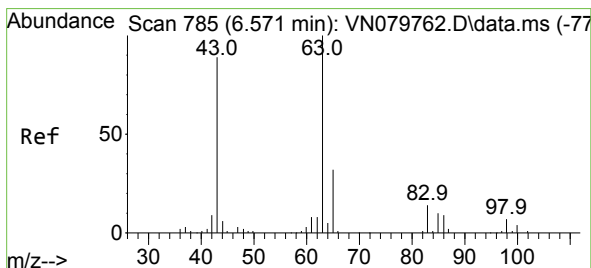
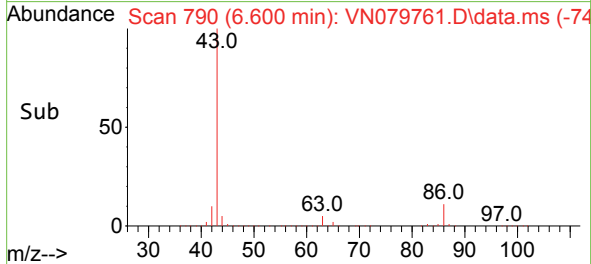
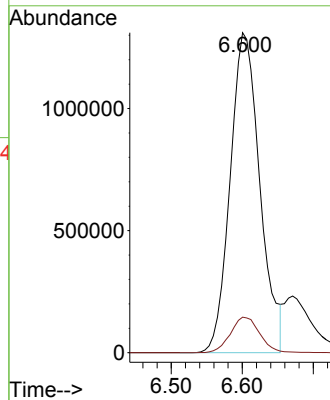
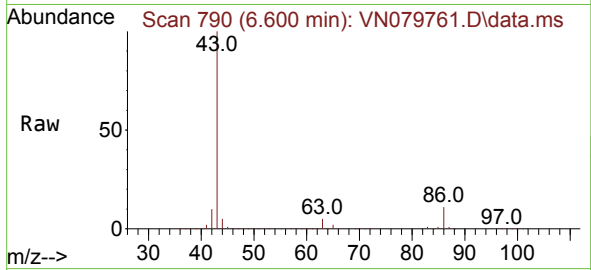




#23
 Vinyl Acetate
 Concen: 554.423 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

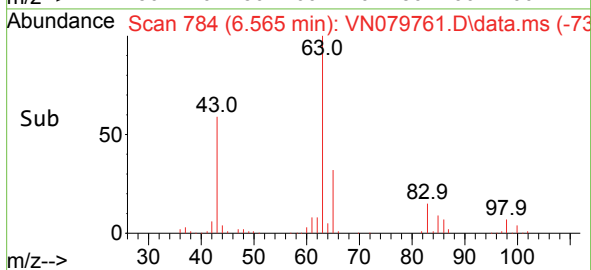
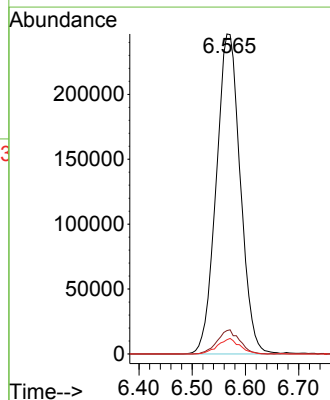
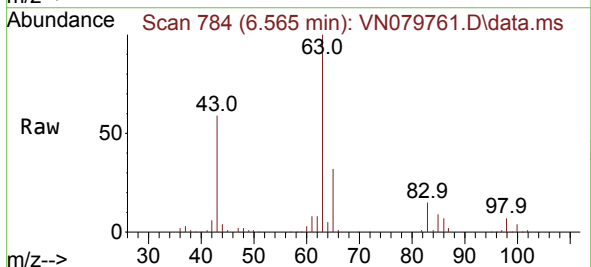
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

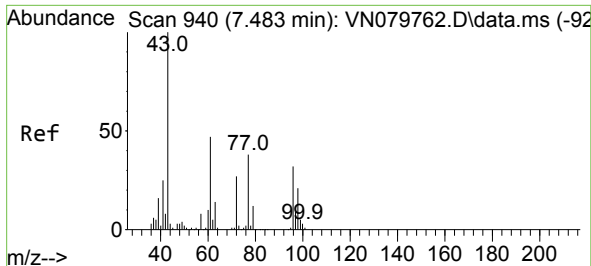
Tgt Ion: 43 Resp: 3815572
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 101.773 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

Tgt Ion: 63 Resp: 771778
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.5 7.4

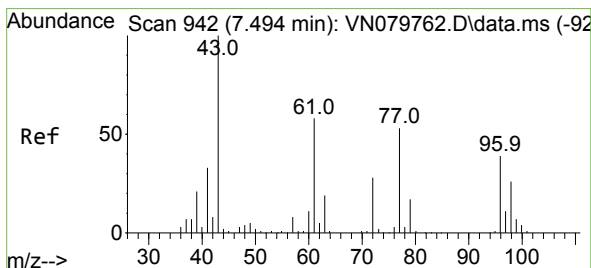
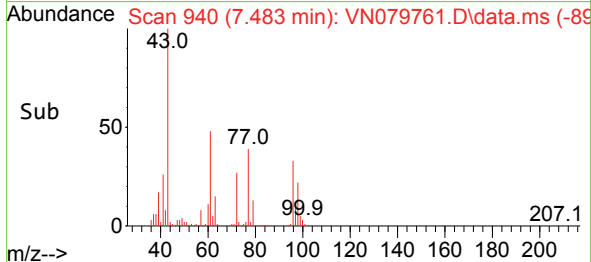
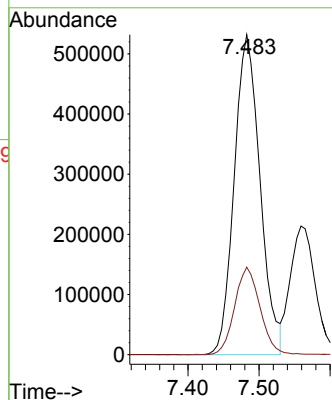
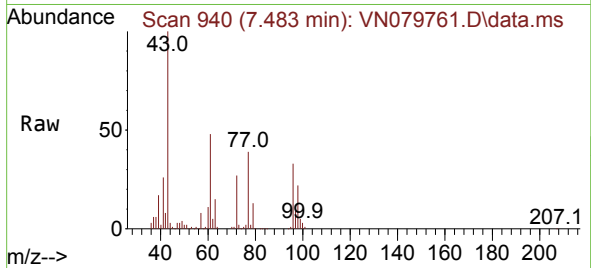




#25
2-Butanone
Concen: 526.263 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

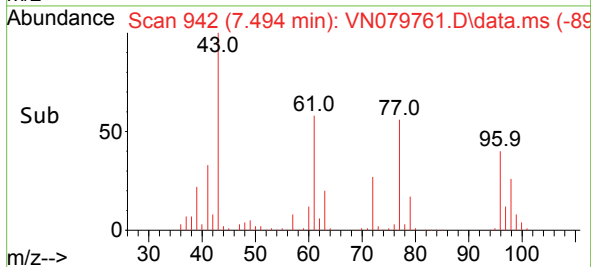
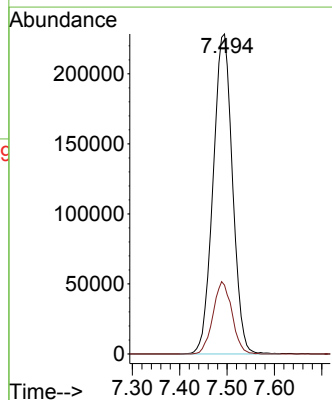
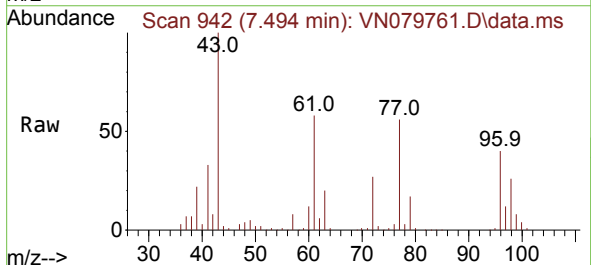
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

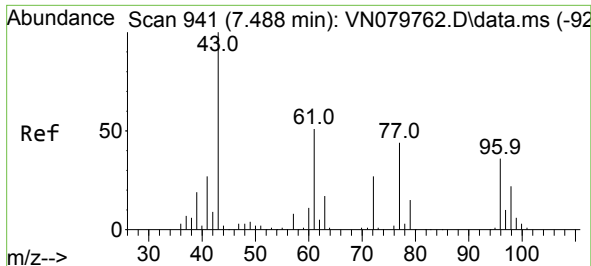
Tgt Ion: 43 Resp: 1346785
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 103.690 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 77 Resp: 650303
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

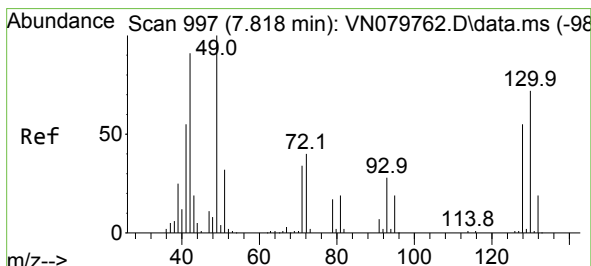
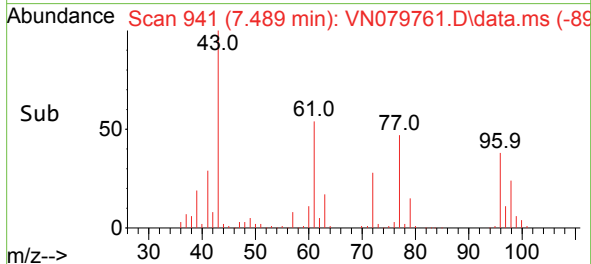
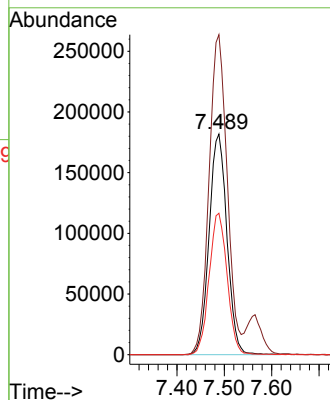
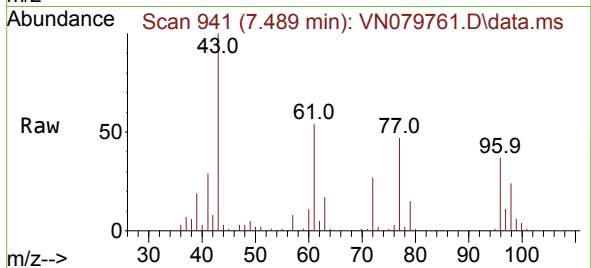




#27
 cis-1,2-Dichloroethene
 Concen: 101.637 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

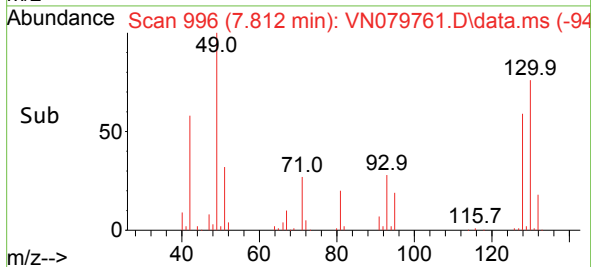
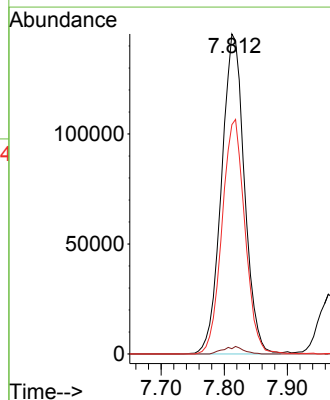
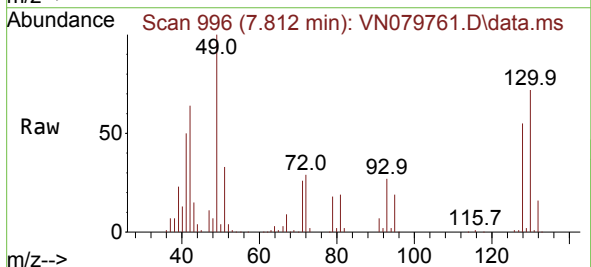
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

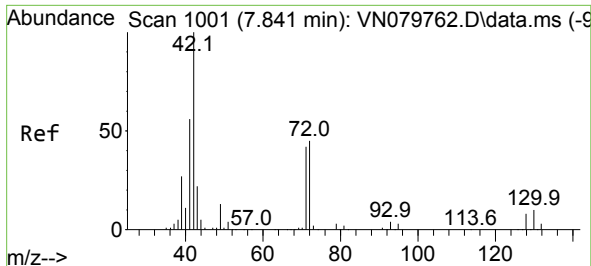
Tgt Ion: 96 Resp: 476620
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 99.504 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

Tgt Ion: 49 Resp: 367730
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 73.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 516.069 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

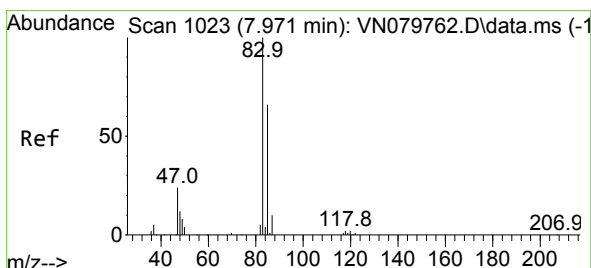
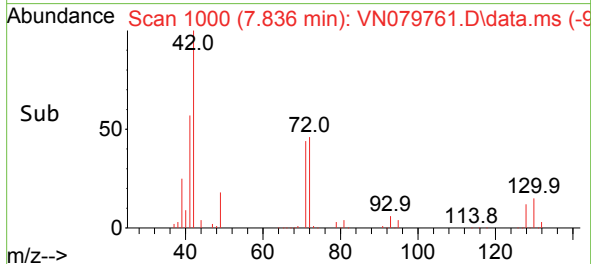
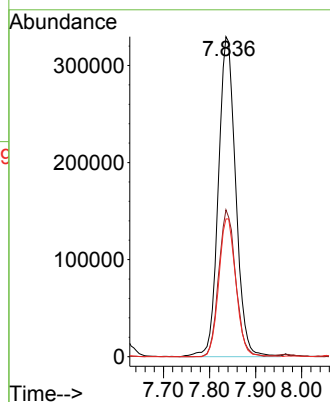
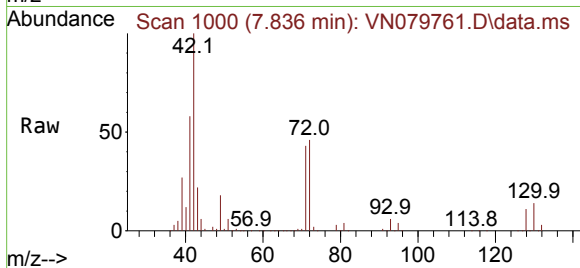
Tgt Ion: 42 Resp: 859263

Ion Ratio Lower Upper

42 100

72 45.0 49.8 74.6#

71 42.6 47.4 71.2#



#30

Chloroform

Concen: 95.057 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079761.D

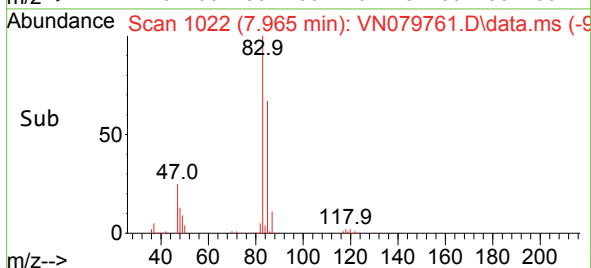
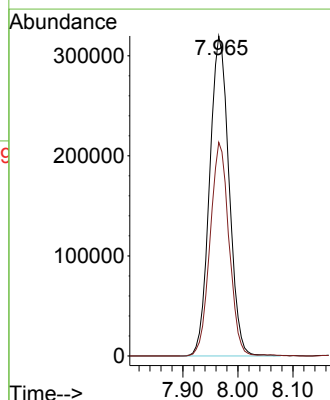
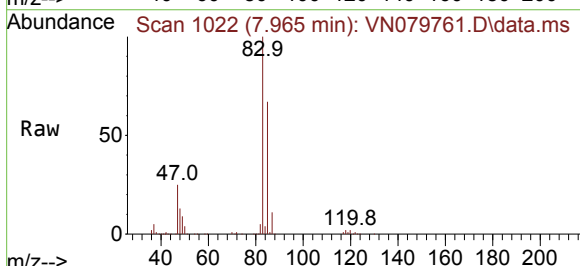
Acq: 01 Nov 2023 10:03

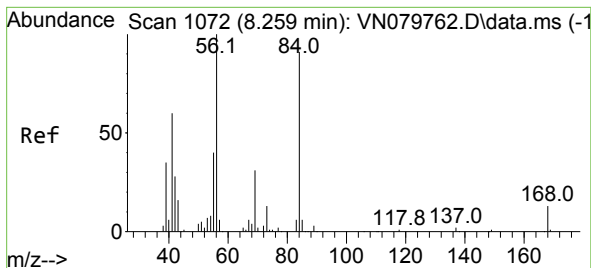
Tgt Ion: 83 Resp: 783008

Ion Ratio Lower Upper

83 100

85 66.7 55.4 83.0





#31

Cyclohexane

Concen: 96.049 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

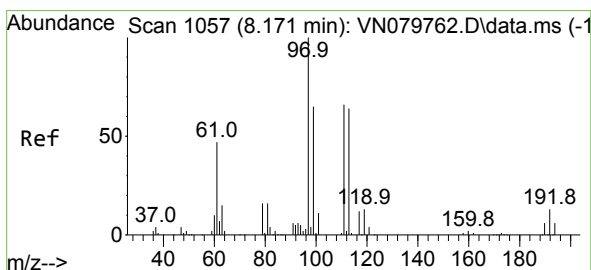
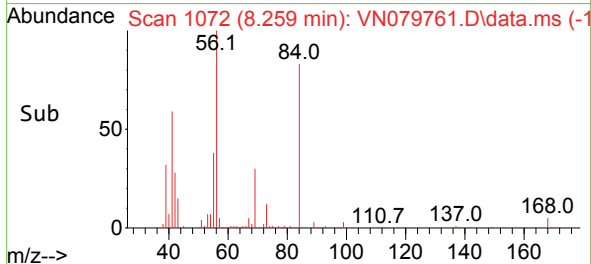
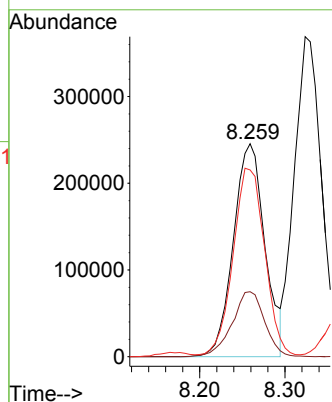
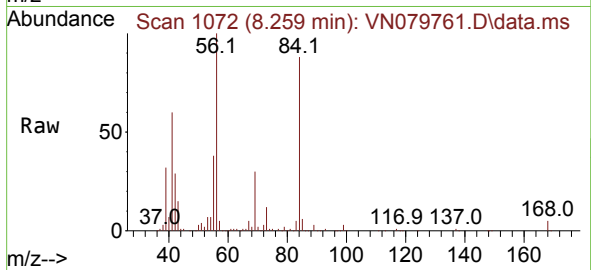
Tgt Ion: 56 Resp: 631465

Ion Ratio Lower Upper

56 100

69 30.5 26.8 40.2

84 85.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 101.298 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

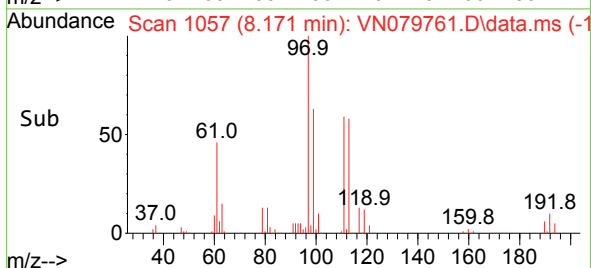
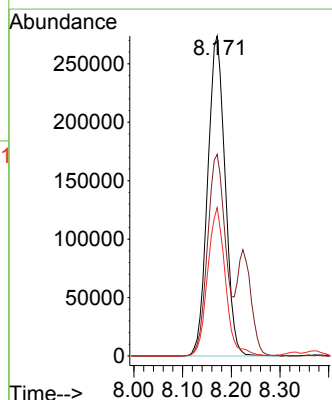
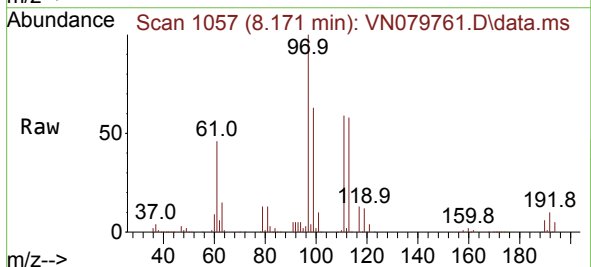
Tgt Ion: 97 Resp: 679883

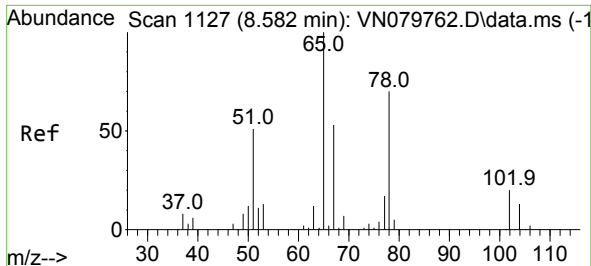
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 47.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 97.331 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

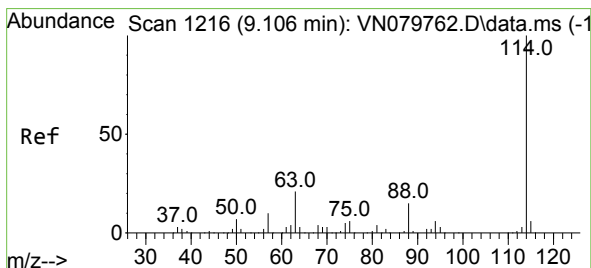
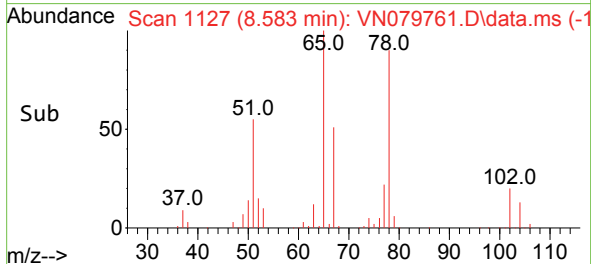
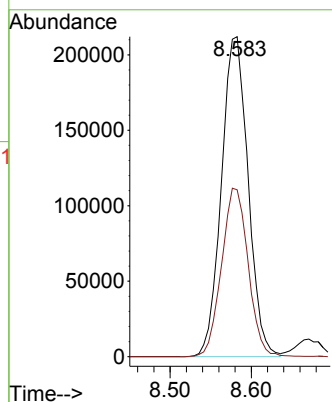
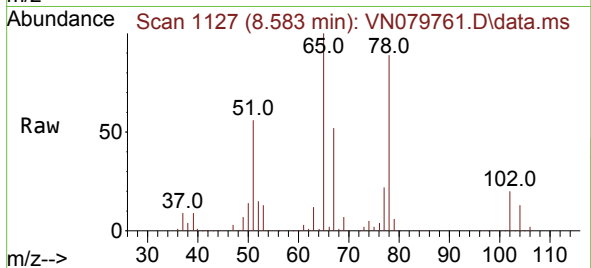
VSTDIC100

Tgt Ion: 65 Resp: 484251

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

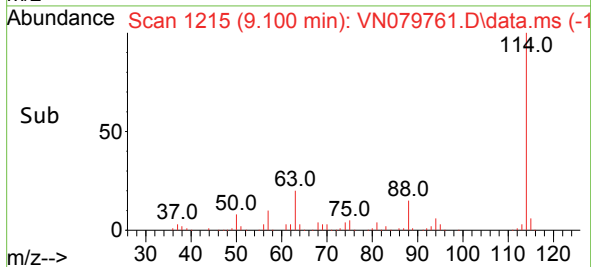
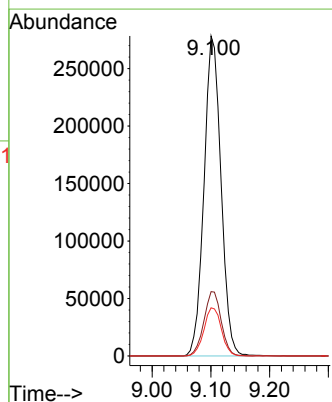
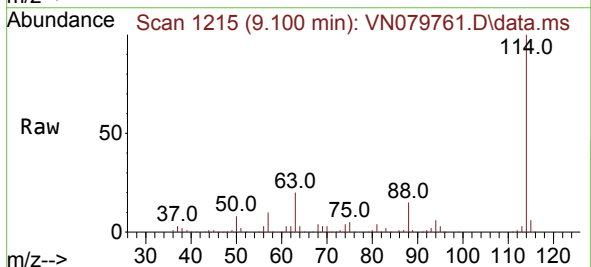
Tgt Ion: 114 Resp: 560565

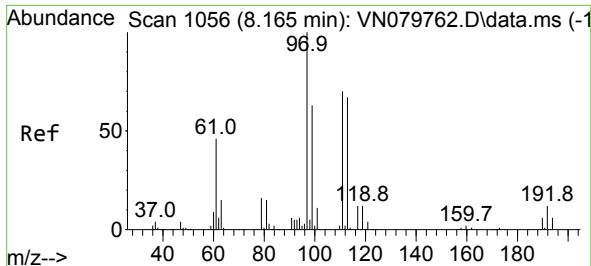
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.0 0.0 30.6

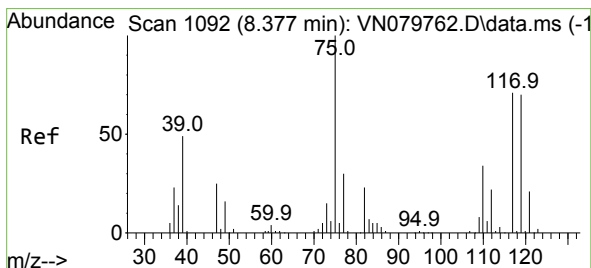
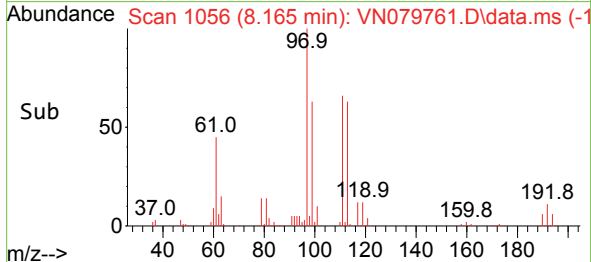
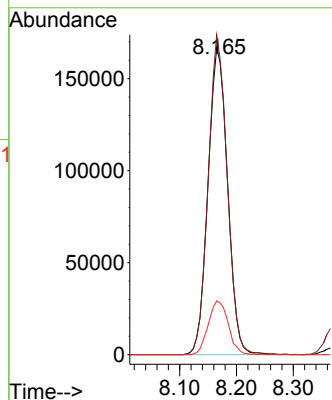
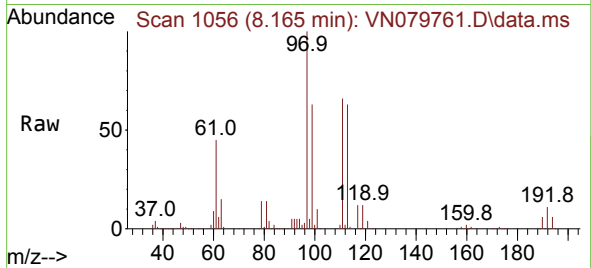




#35
Dibromofluoromethane
Concen: 100.551 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

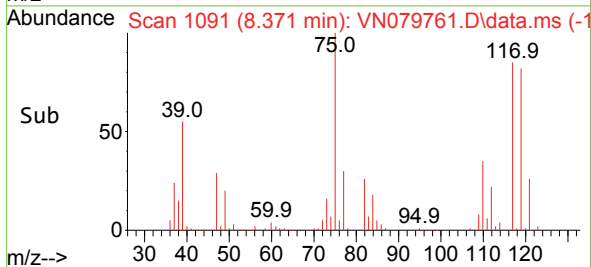
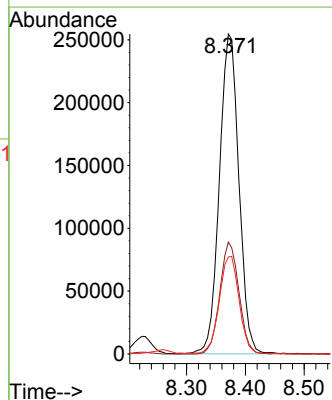
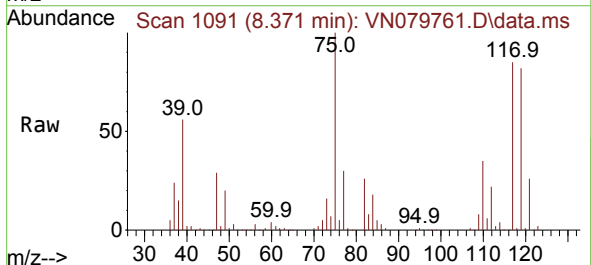
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

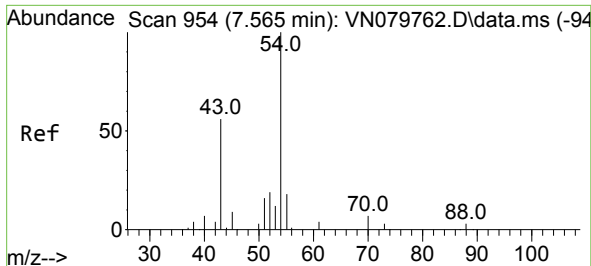
Tgt Ion:113 Resp: 398933
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 103.305 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 75 Resp: 585208
Ion Ratio Lower Upper
75 100
110 34.2 19.1 57.3
77 31.3 25.0 37.4

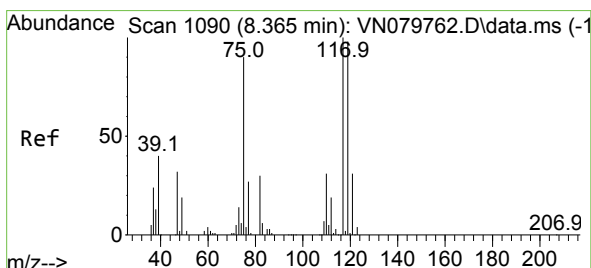
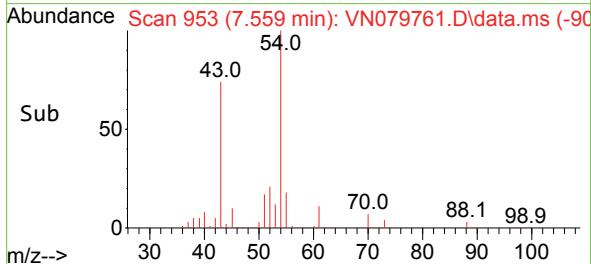
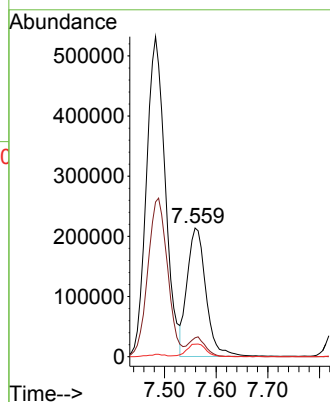
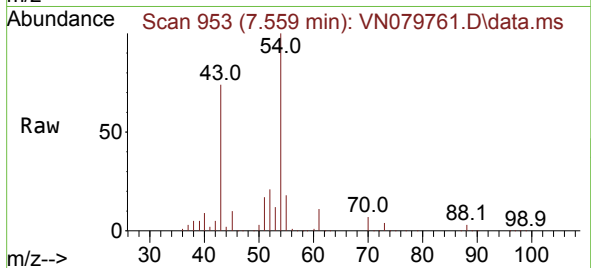




#37
Ethyl Acetate
Concen: 103.542 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

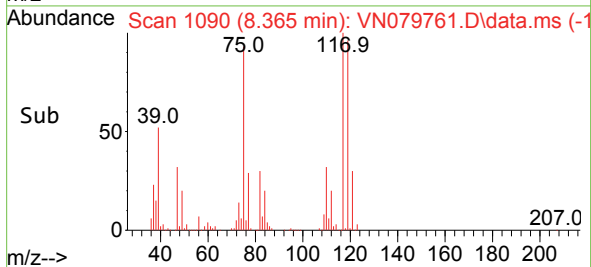
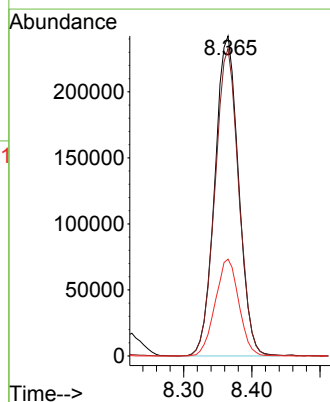
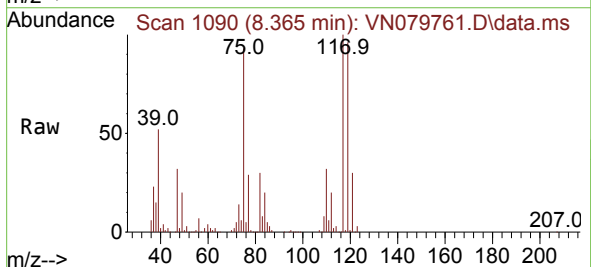
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

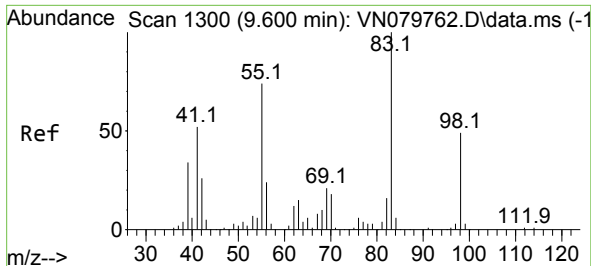
Tgt Ion: 43 Resp: 537936
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 102.766 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 117 Resp: 586706
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
121 30.3 23.3 34.9





#39

Methylcyclohexane

Concen: 109.671 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

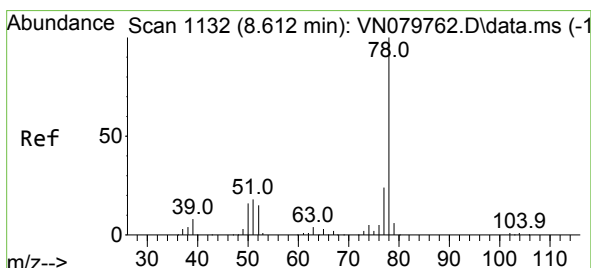
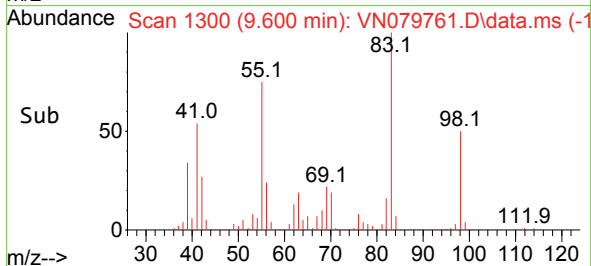
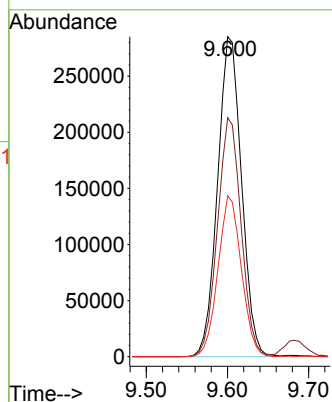
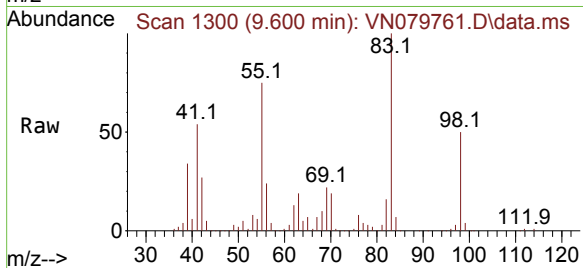
Tgt Ion: 83 Resp: 584675

Ion Ratio Lower Upper

83 100

55 74.7 49.1 73.7#

98 50.3 40.6 61.0



#40

Benzene

Concen: 102.280 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079761.D

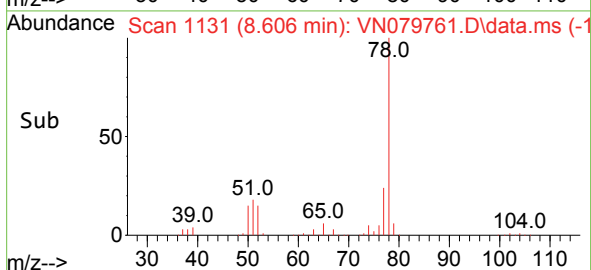
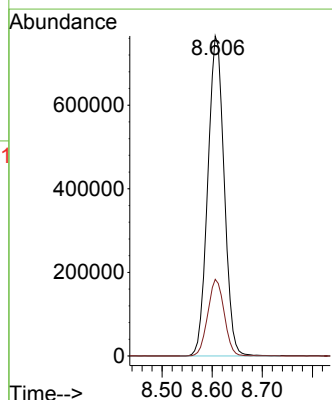
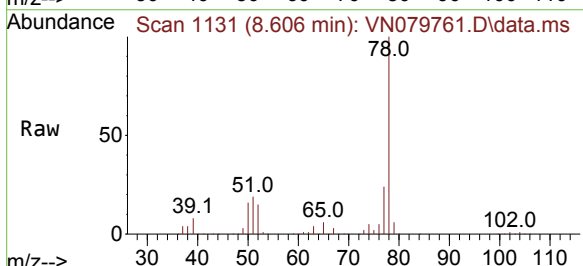
Acq: 01 Nov 2023 10:03

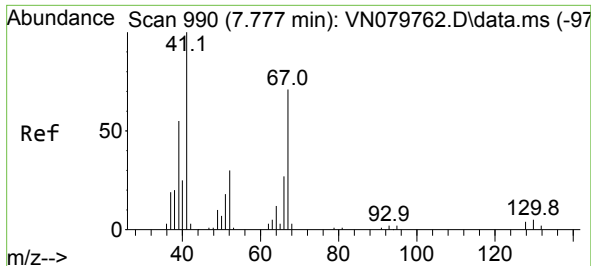
Tgt Ion: 78 Resp: 1735399

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



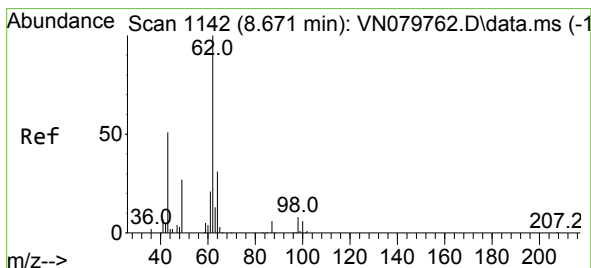
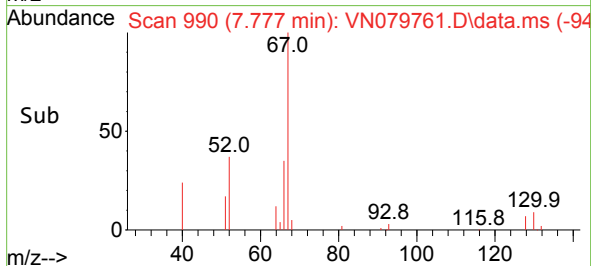
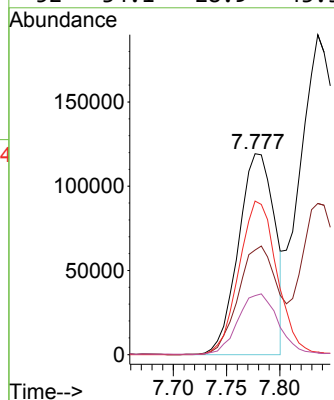
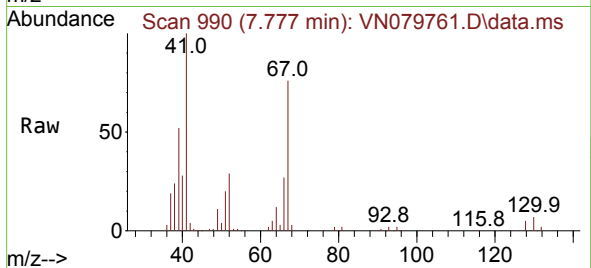


#41
Methacrylonitrile
Concen: 102.530 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 282864

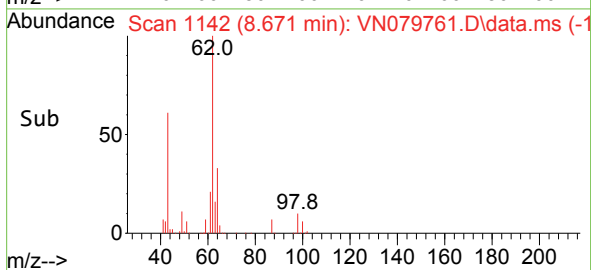
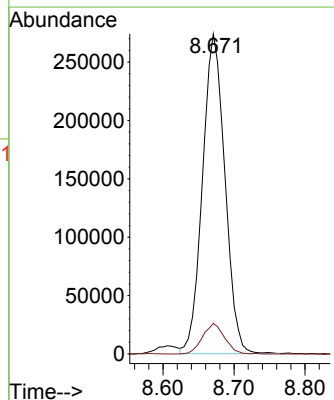
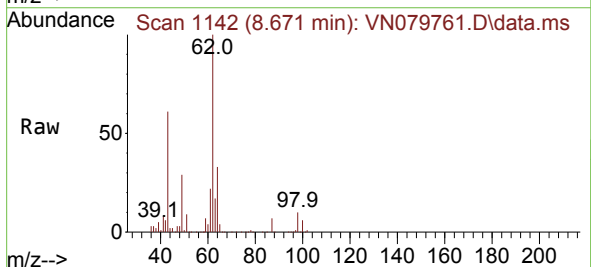
Ion	Ratio	Lower	Upper
41	100		
39	58.8	42.6	64.0
67	80.9	77.5	116.3
52	34.1	28.9	43.3

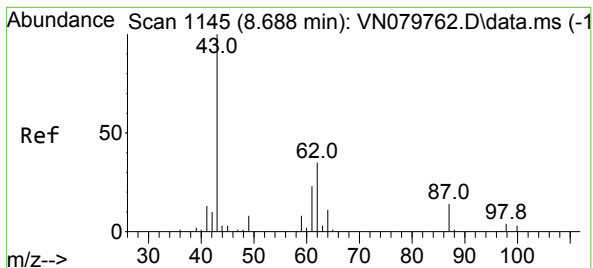


#42
1,2-Dichloroethane
Concen: 101.327 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 62 Resp: 600533

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 102.870 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

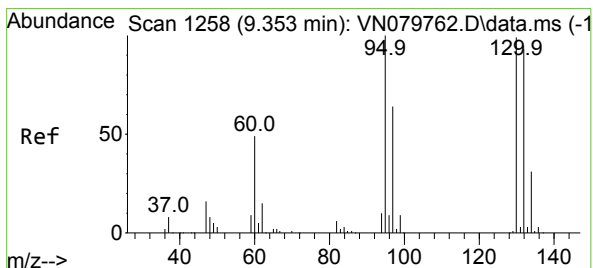
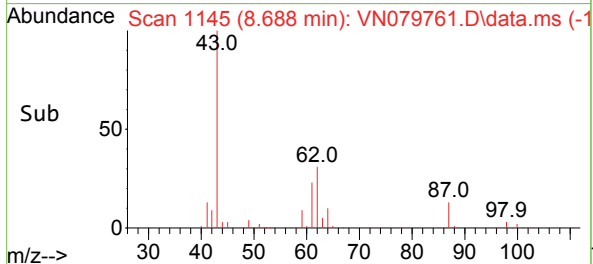
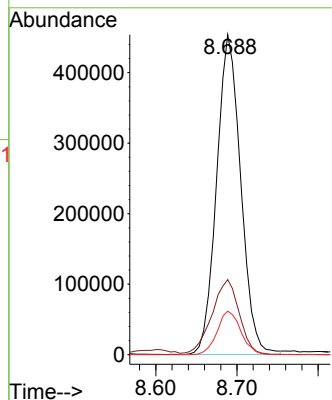
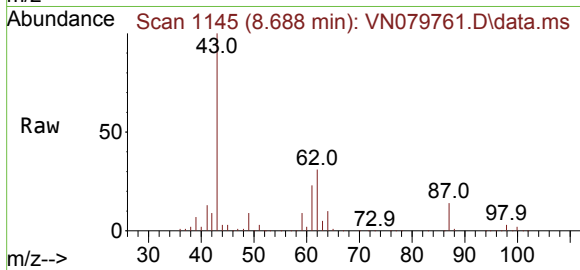
Tgt Ion: 43 Resp: 937259

Ion Ratio Lower Upper

43 100

61 26.6 24.7 37.1

87 13.4 14.6 21.8#



#44

Trichloroethene

Concen: 101.610 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079761.D

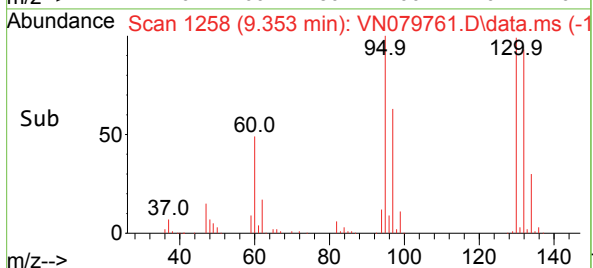
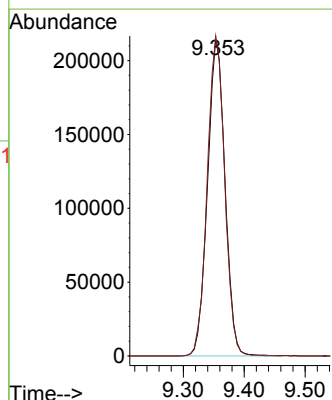
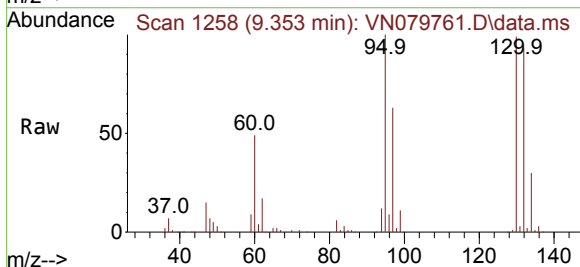
Acq: 01 Nov 2023 10:03

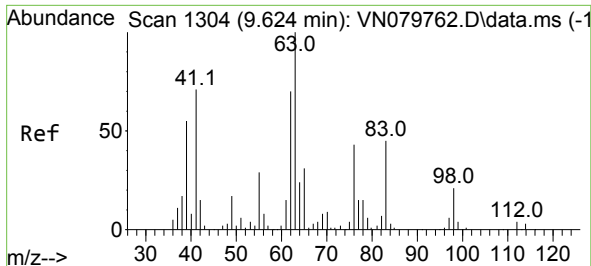
Tgt Ion:130 Resp: 427806

Ion Ratio Lower Upper

130 100

95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 104.917 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

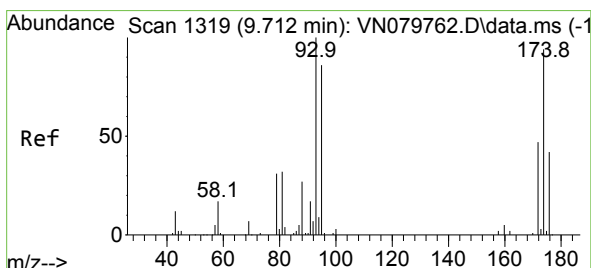
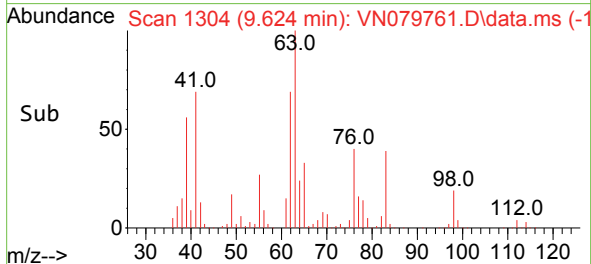
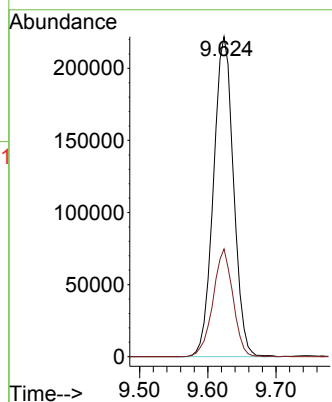
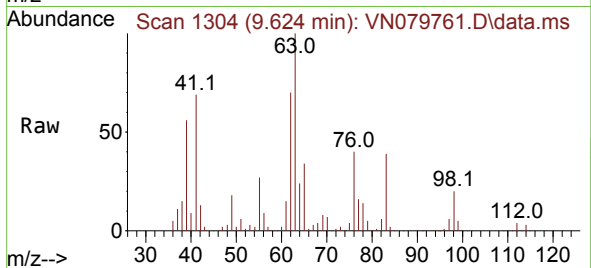
VSTDIC100

Tgt Ion: 63 Resp: 454924

Ion Ratio Lower Upper

63 100

65 33.6 23.9 35.9



#46

Dibromomethane

Concen: 105.123 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

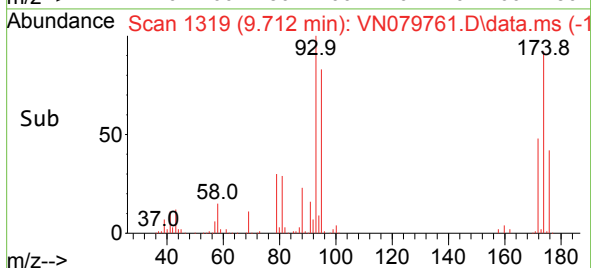
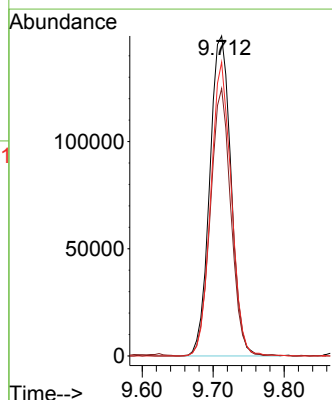
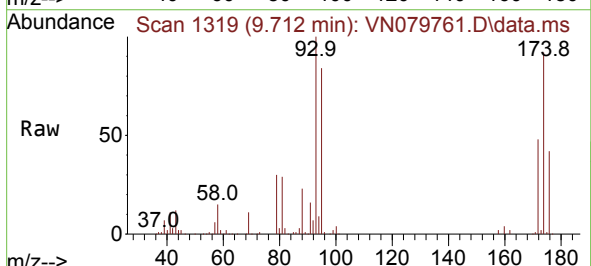
Tgt Ion: 93 Resp: 311238

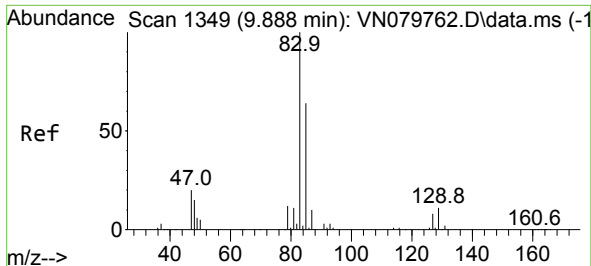
Ion Ratio Lower Upper

93 100

95 80.2 63.8 95.8

174 88.3 65.6 98.4

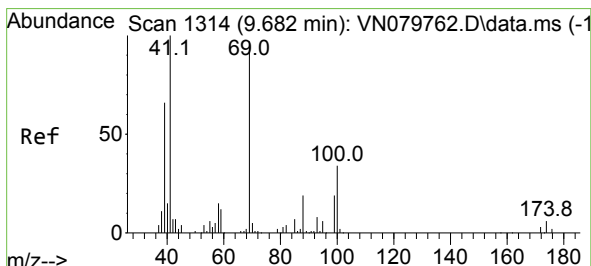
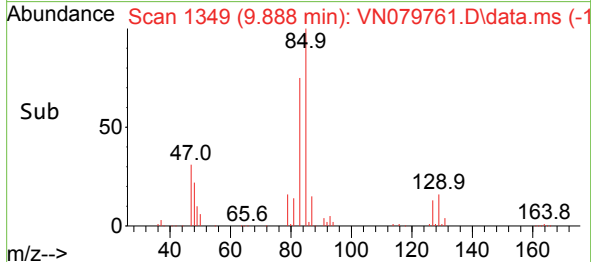
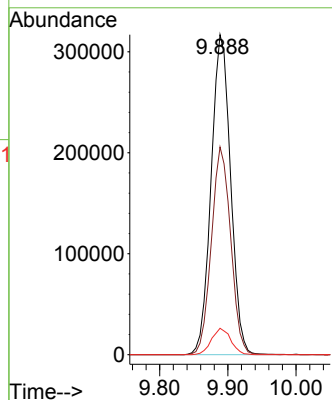
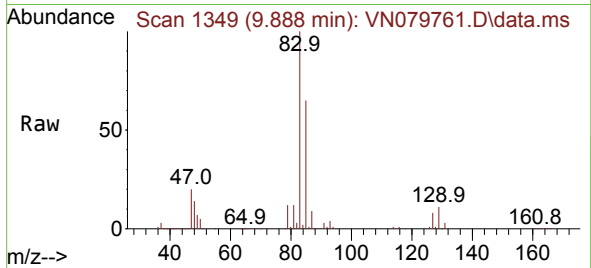




#47
Bromodichloromethane
Concen: 99.760 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

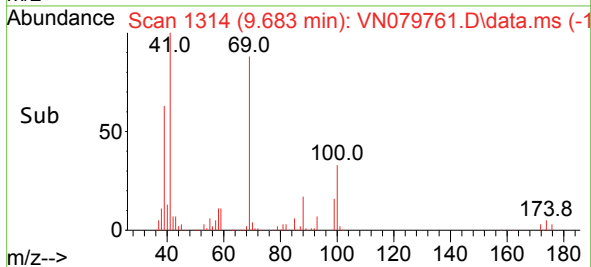
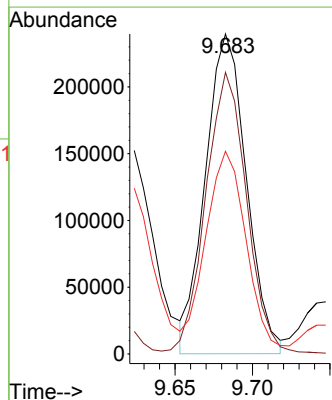
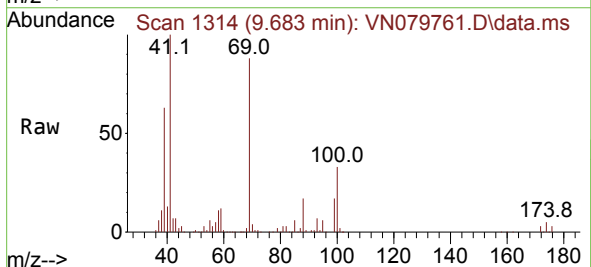
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

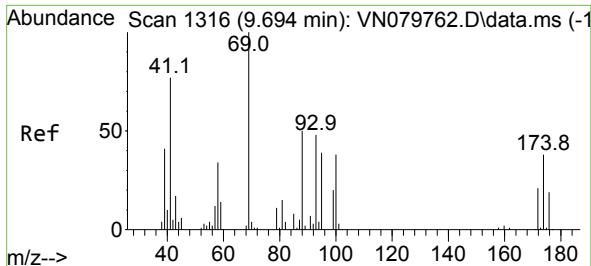
Tgt Ion: 83 Resp: 629905
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 110.315 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 41 Resp: 440242
Ion Ratio Lower Upper
41 100
69 88.5 90.4 135.6#
39 63.6 54.6 81.8

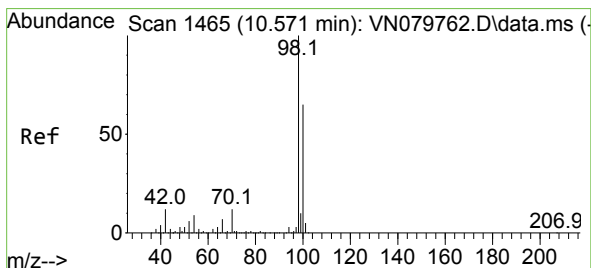
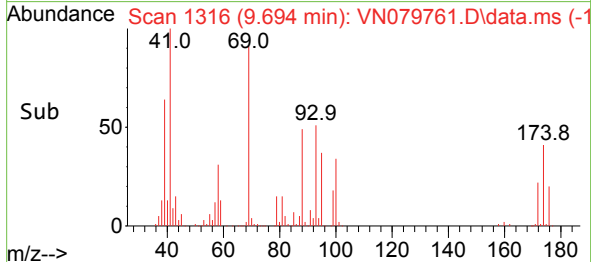
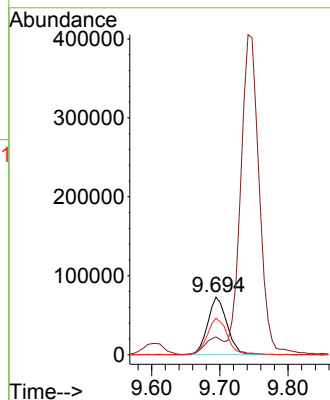
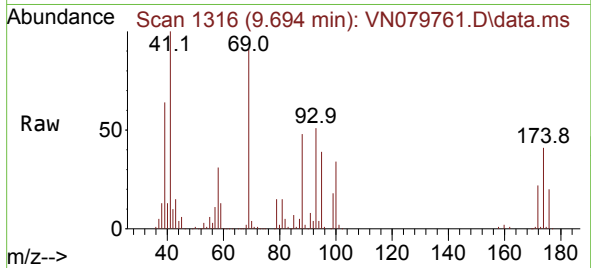




#49
1,4-Dioxane
Concen: 2035.782 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

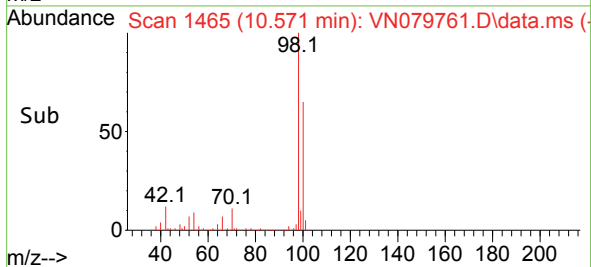
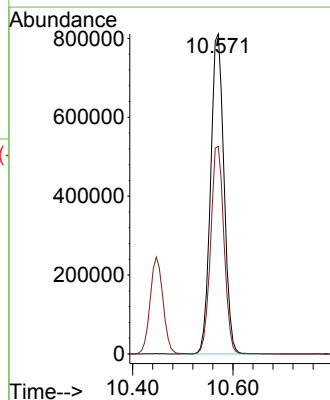
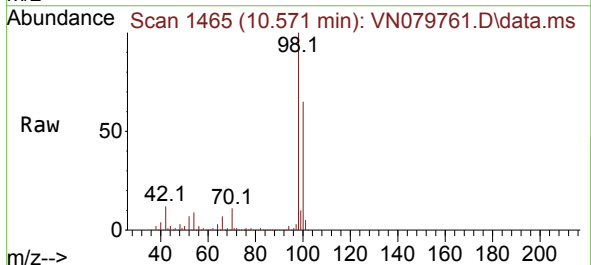
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

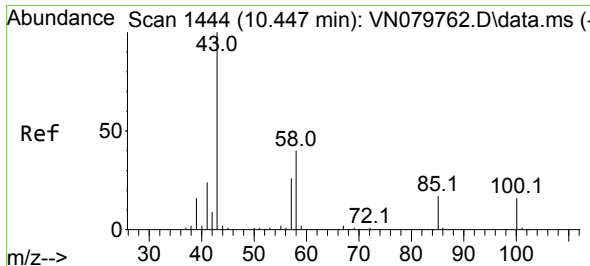
Tgt Ion: 88 Resp: 143556
Ion Ratio Lower Upper
88 100
43 27.9 17.0 25.6#
58 66.8 47.0 70.4



#50
Toluene-d8
Concen: 102.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 98 Resp: 1500645
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

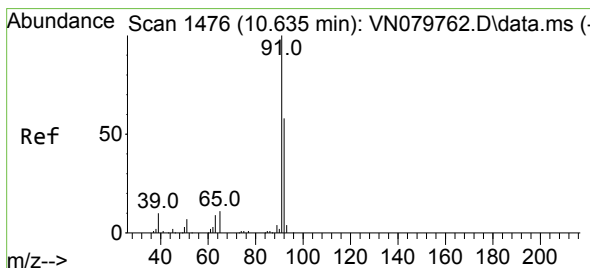
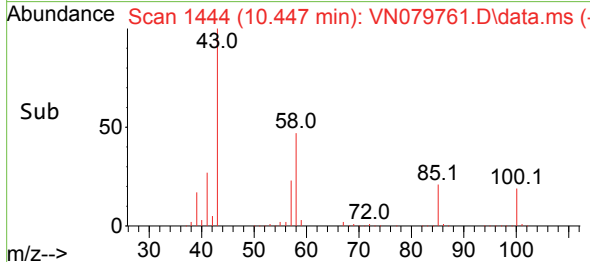
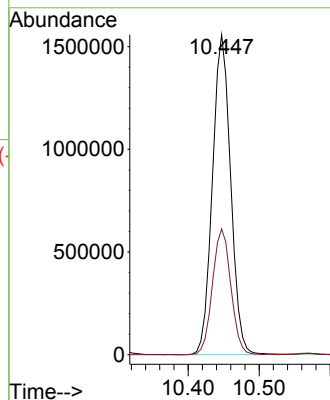
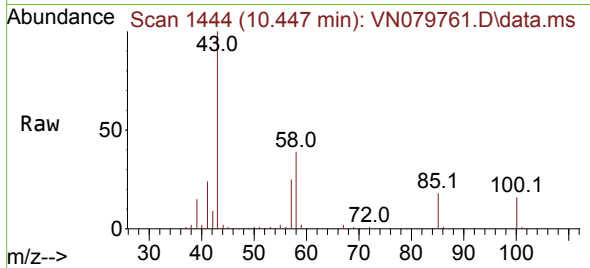




#51
4-Methyl-2-Pentanone
Concen: 539.637 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

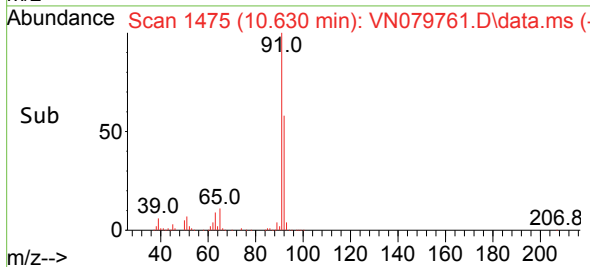
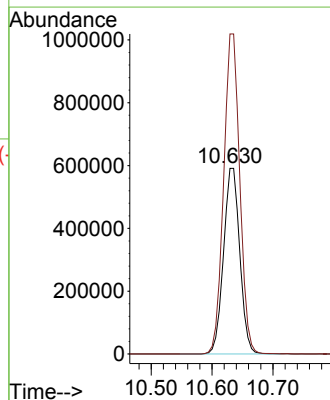
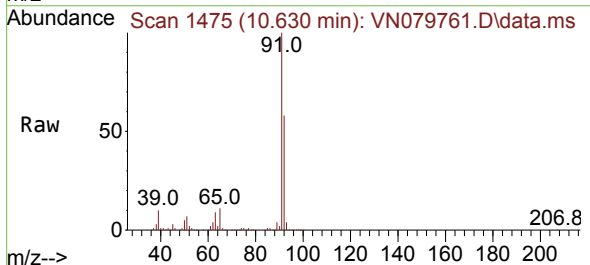
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

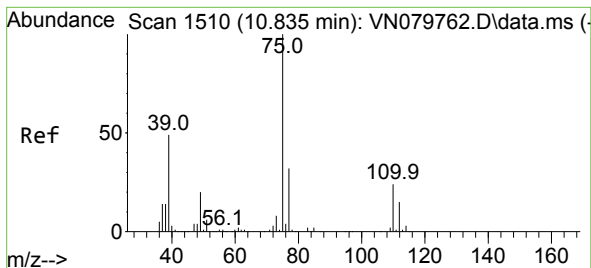
Tgt Ion: 43 Resp: 2768043
Ion Ratio Lower Upper
43 100
58 39.8 36.6 54.8



#52
Toluene
Concen: 108.605 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 92 Resp: 1092435
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 113.831 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

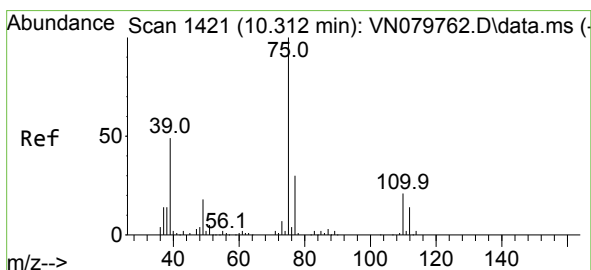
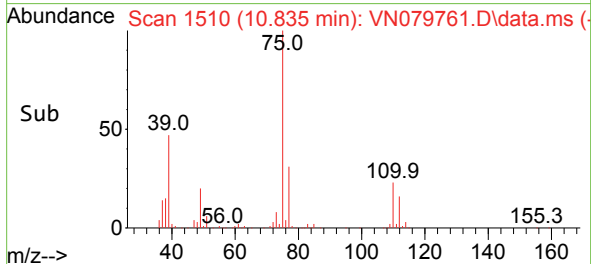
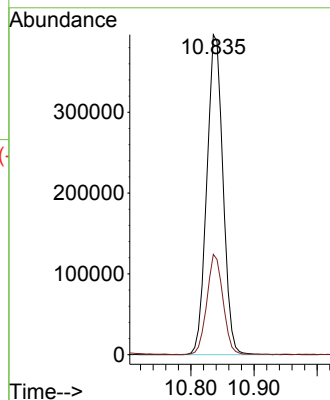
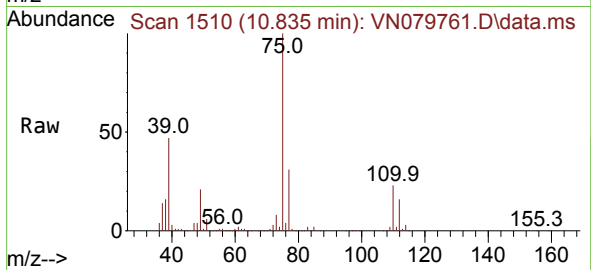
VSTDIC100

Tgt Ion: 75 Resp: 704613

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 110.898 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

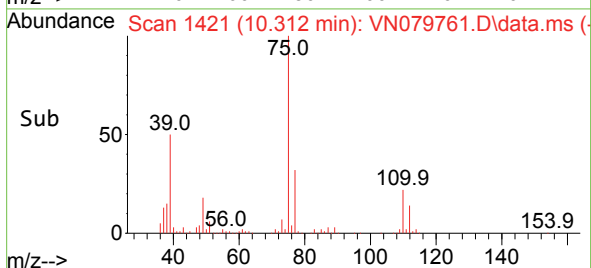
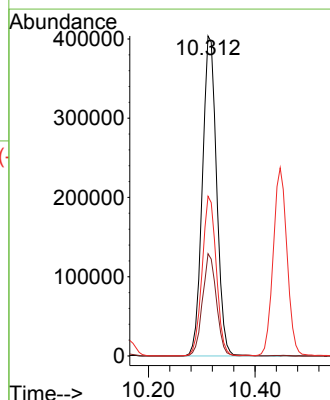
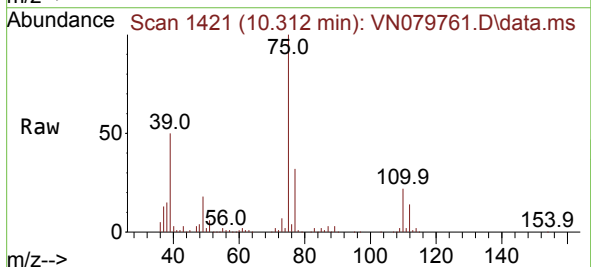
Tgt Ion: 75 Resp: 748221

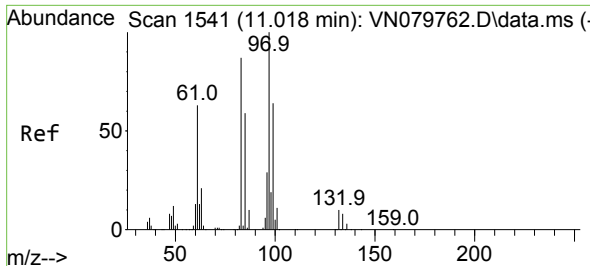
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

39 49.9 31.6 47.4#



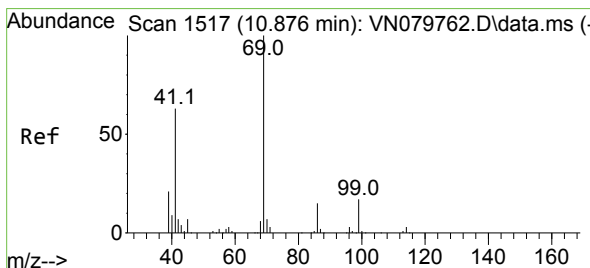
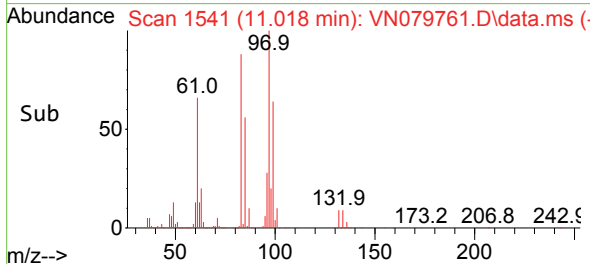
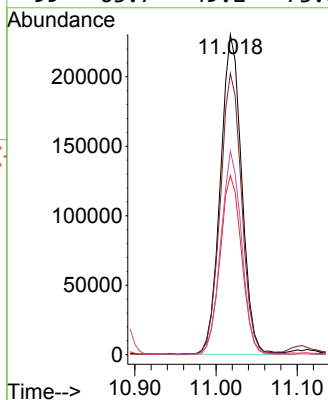
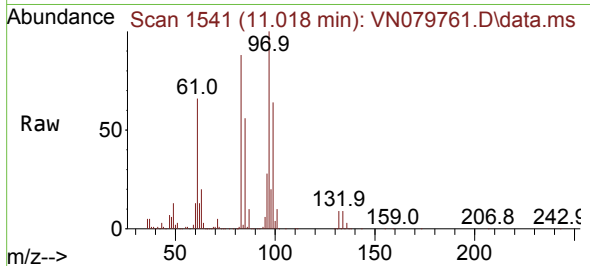


#55
1,1,2-Trichloroethane
Concen: 103.759 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 419791

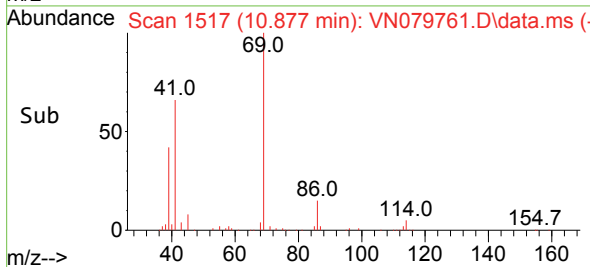
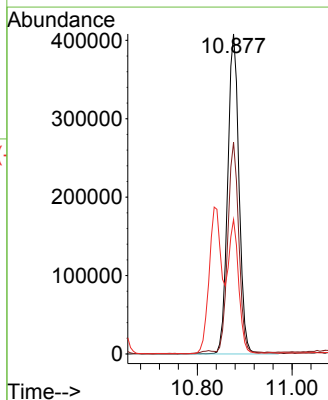
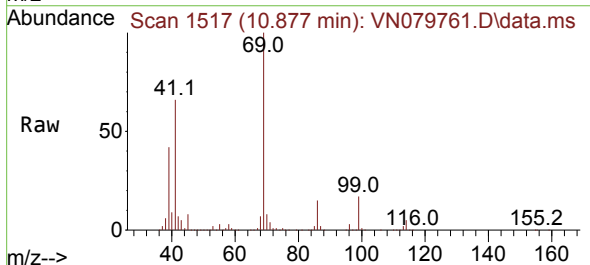
Ion	Ratio	Lower	Upper
97	100		
83	87.9	65.1	97.7
85	55.9	43.4	65.2
99	63.7	49.2	73.8

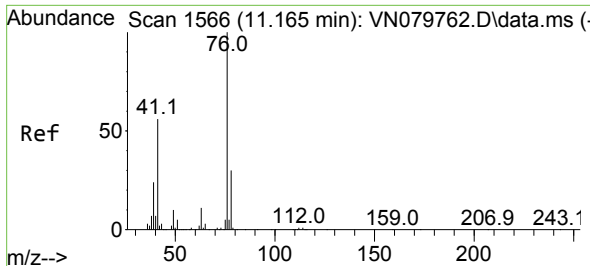


#56
Ethyl methacrylate
Concen: 117.510 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 69 Resp: 678142

Ion	Ratio	Lower	Upper
69	100		
41	63.5	39.6	59.4#
39	36.8	28.6	43.0

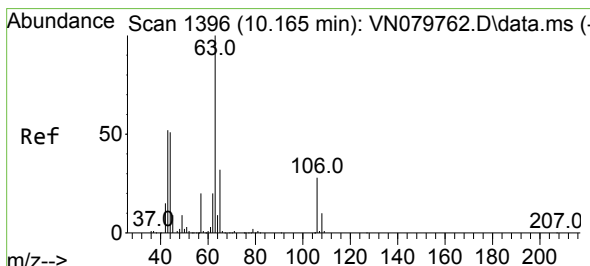
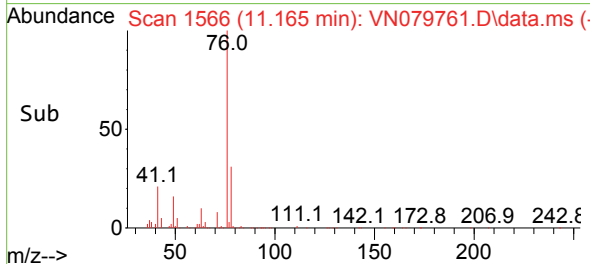
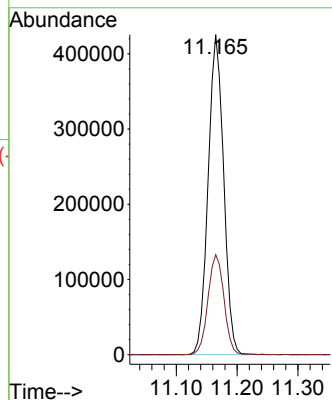
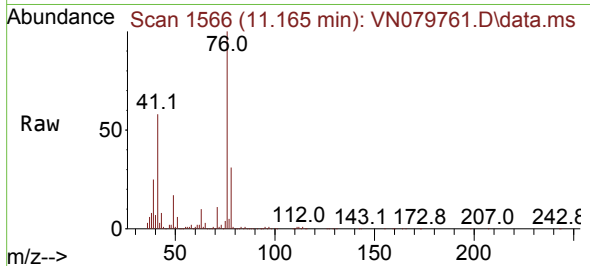




#57
1,3-Dichloropropane
Concen: 105.473 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

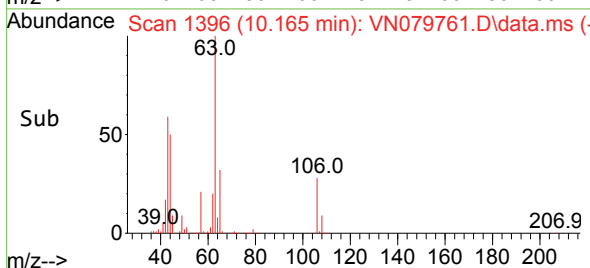
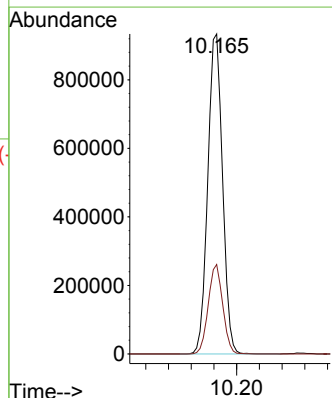
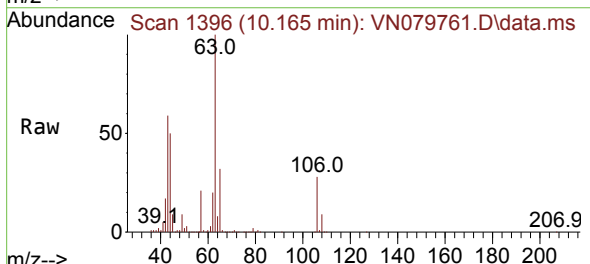
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

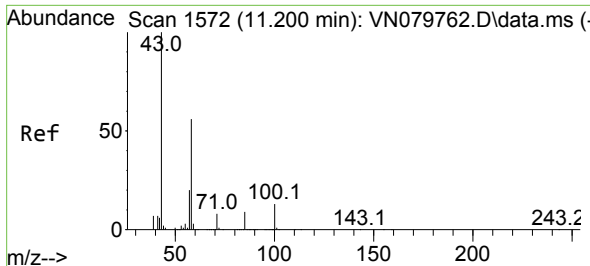
Tgt Ion: 76 Resp: 752169
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 571.687 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 63 Resp: 1672143
Ion Ratio Lower Upper
63 100
106 27.4 26.2 39.4

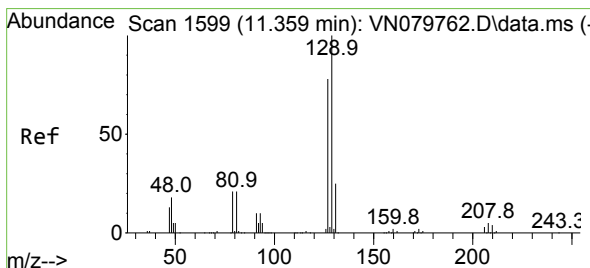
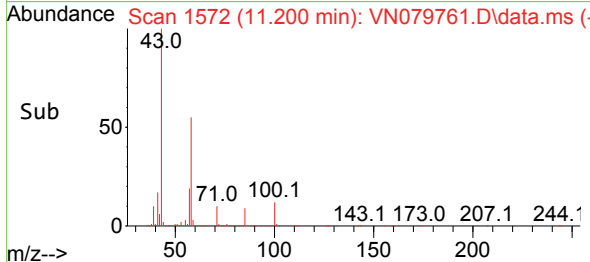
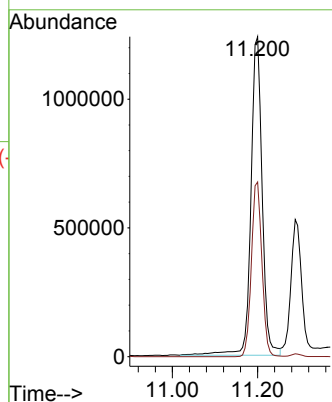
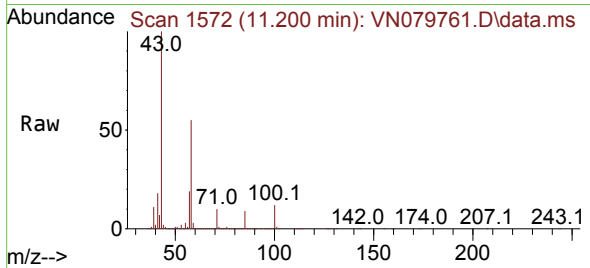




#59
2-Hexanone
Concen: 576.011 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

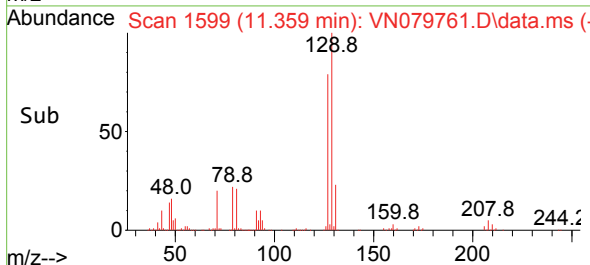
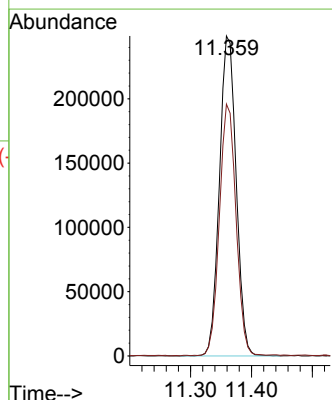
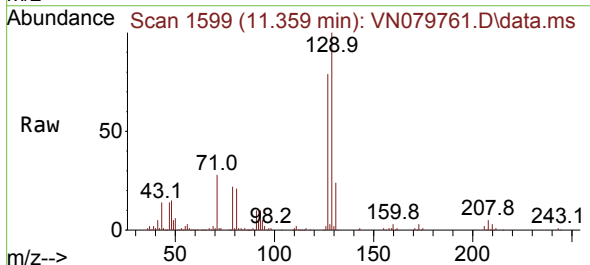
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

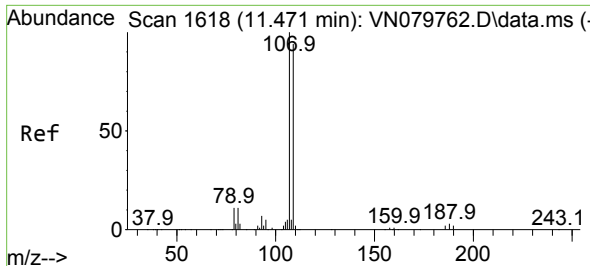
Tgt Ion: 43 Resp: 2260282
Ion Ratio Lower Upper
43 100
58 51.3 31.7 95.1



#60
Dibromochloromethane
Concen: 109.625 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 129 Resp: 474748
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

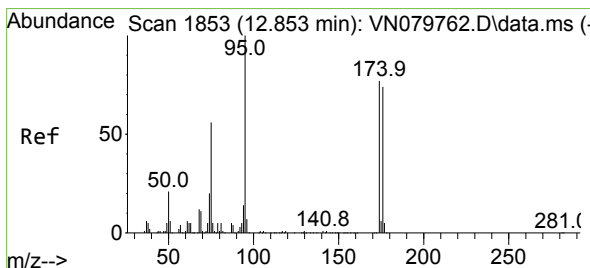
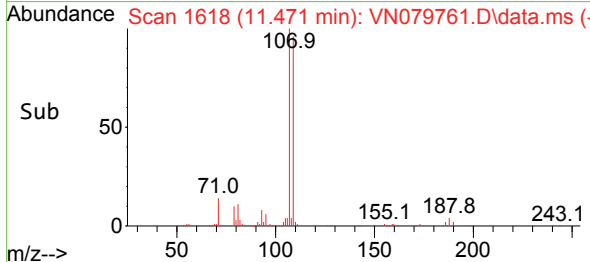
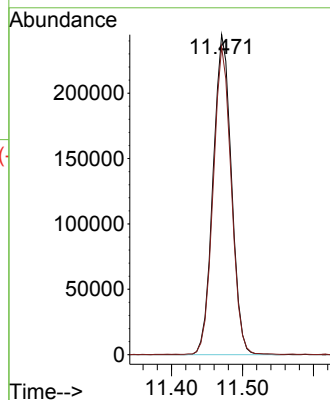
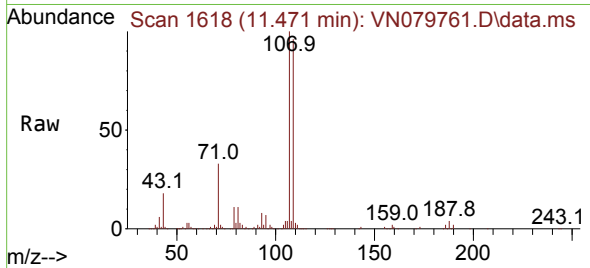




#61
1,2-Dibromoethane
Concen: 107.867 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

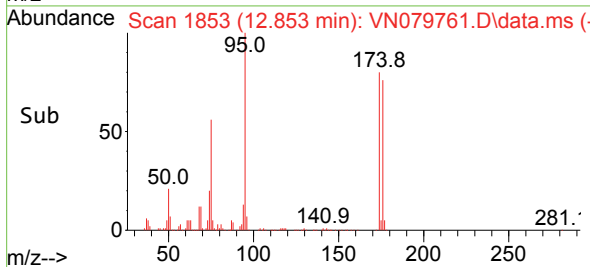
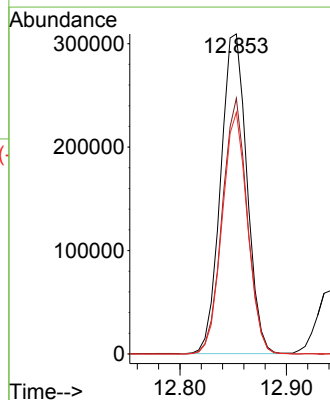
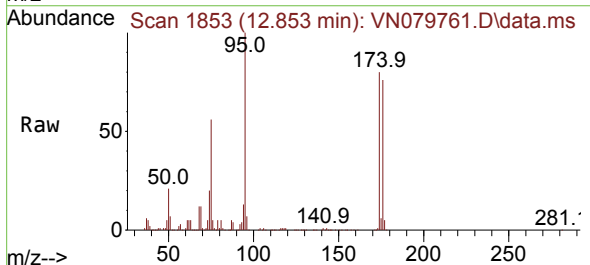
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

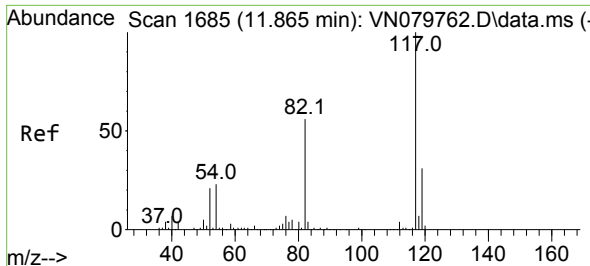
Tgt Ion:107 Resp: 438021
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 108.981 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 95 Resp: 527900
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.9 0.0 135.8

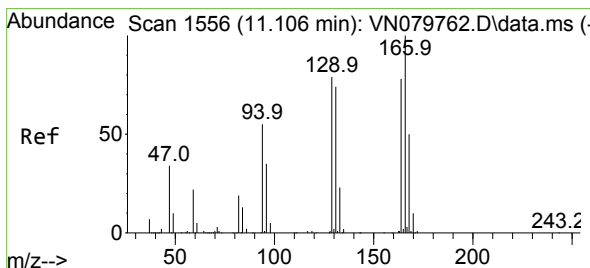
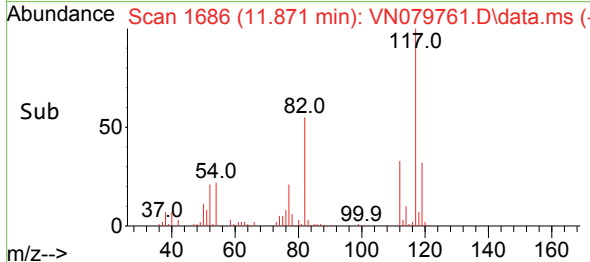
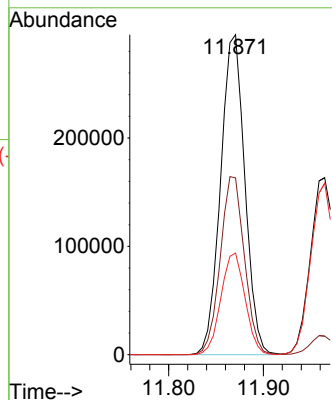
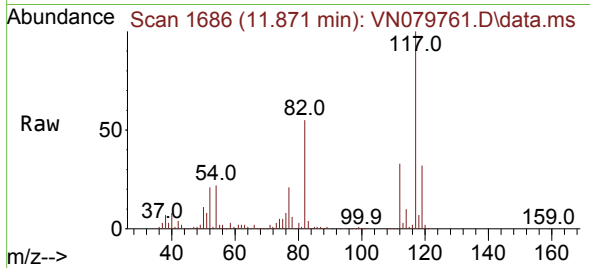




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

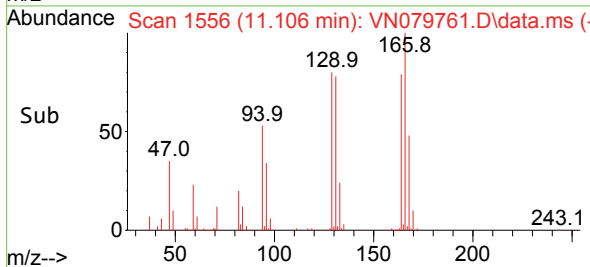
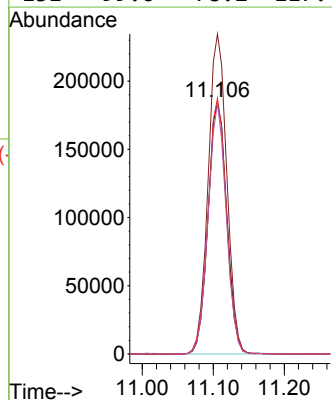
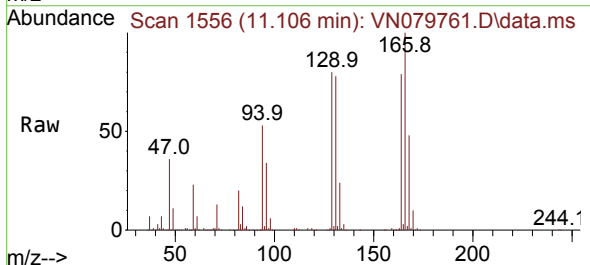
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

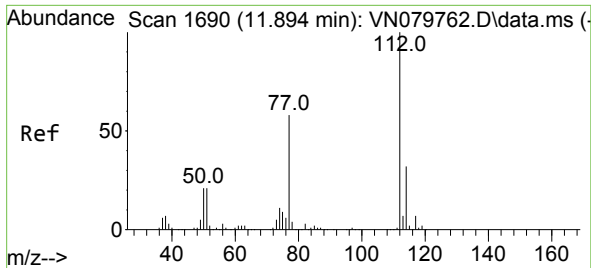
Tgt Ion:117 Resp: 525300
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 99.465 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:164 Resp: 338392
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 101.7 82.4 123.6
131 99.6 78.2 117.4

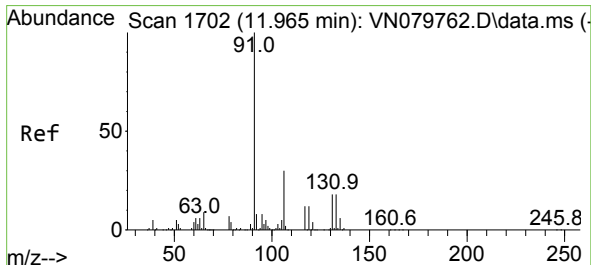
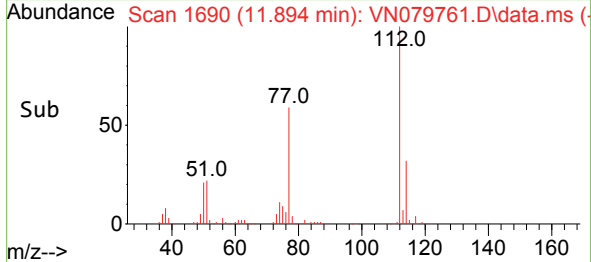
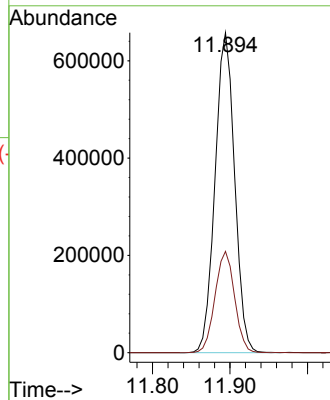
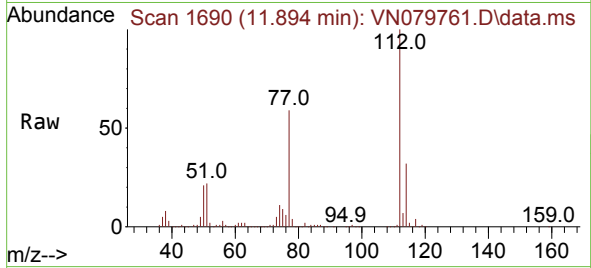




#65
Chlorobenzene
Concen: 101.031 ug/l
RT: 11.894 min Scan# 1151227
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

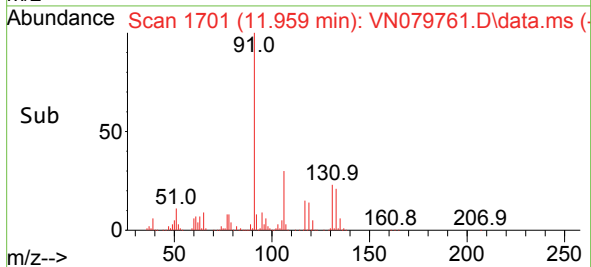
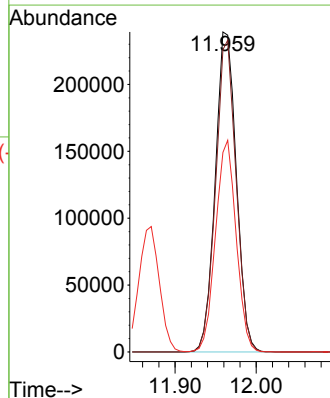
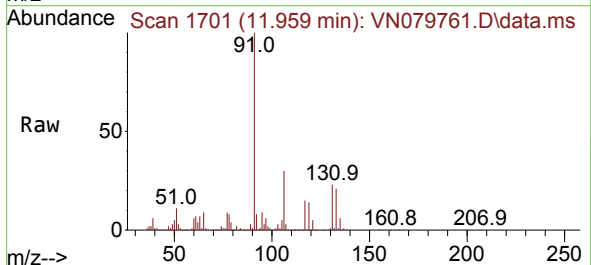
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

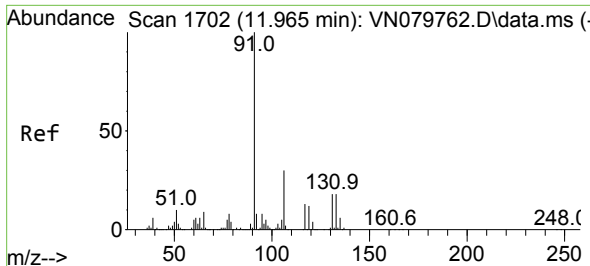
Tgt Ion:112 Resp: 1151227
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 105.105 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:131 Resp: 431501
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 64.9 34.1 102.2

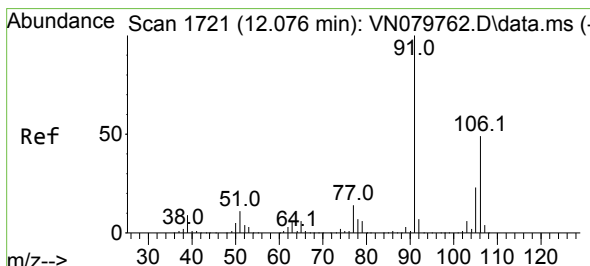
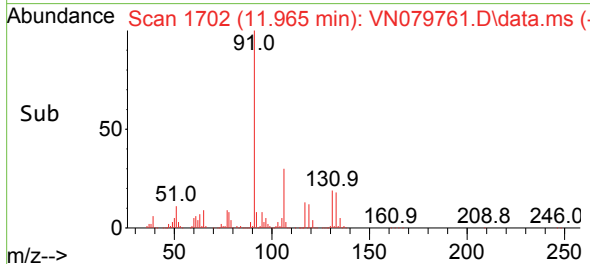
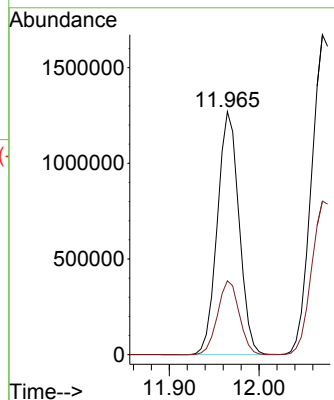
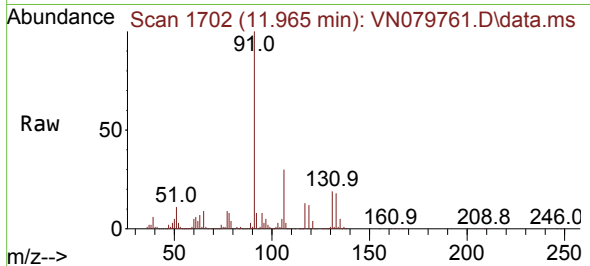




#67
Ethyl Benzene
Concen: 107.250 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

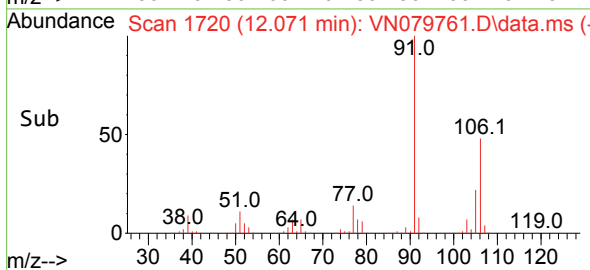
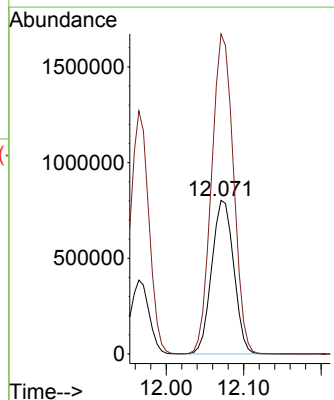
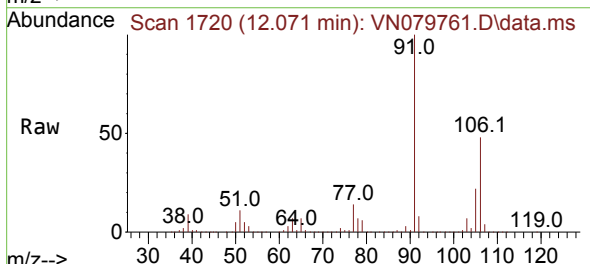
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

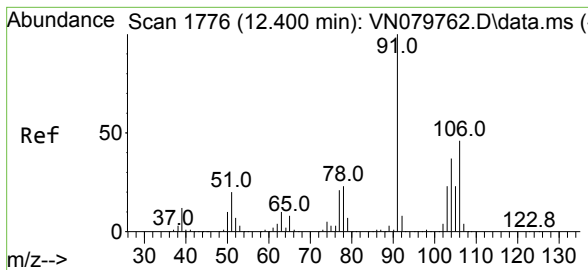
Tgt Ion: 91 Resp: 2129188
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 214.206 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:106 Resp: 1584140
Ion Ratio Lower Upper
106 100
91 207.2 159.6 239.4

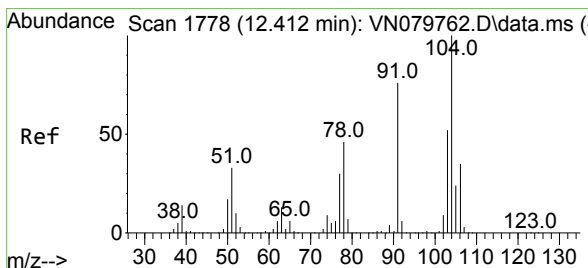
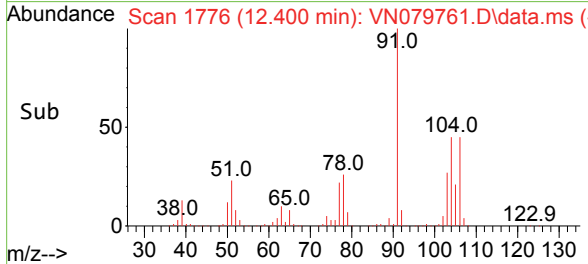
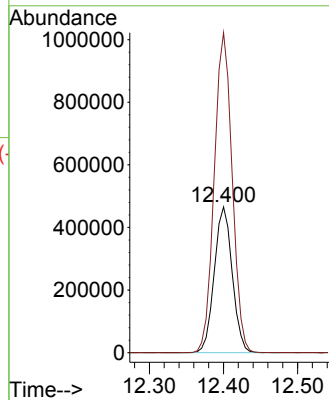
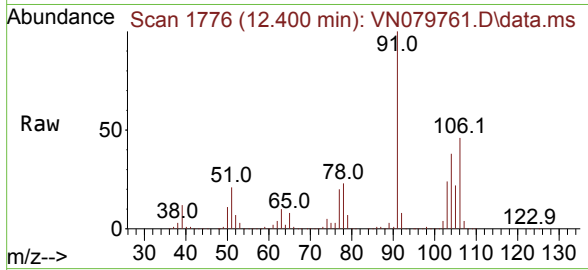




#69
o-Xylene
Concen: 109.905 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

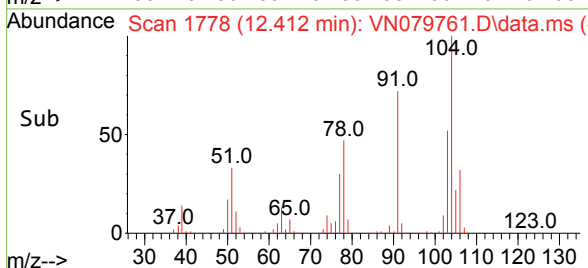
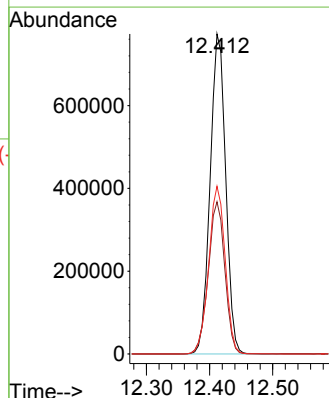
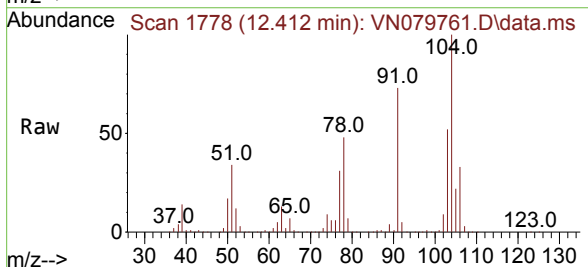
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

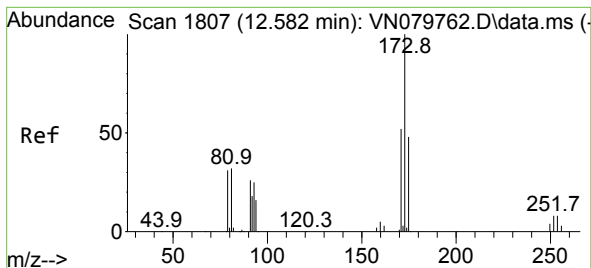
Tgt Ion:106 Resp: 782677
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5



#70
Styrene
Concen: 115.506 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:104 Resp: 1321926
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 112.873 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

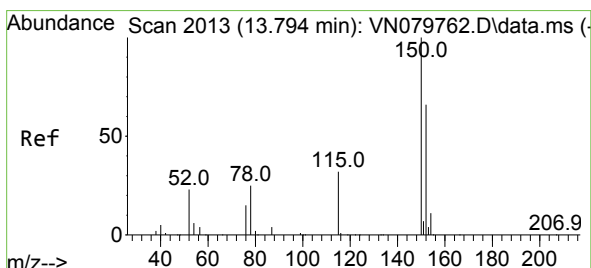
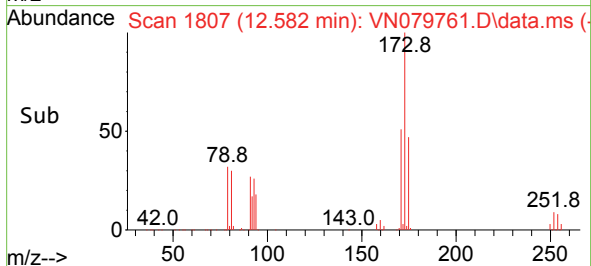
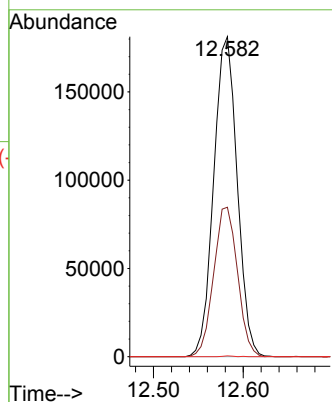
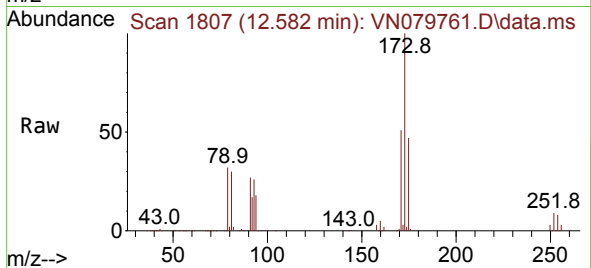
Tgt Ion:173 Resp: 329048

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

254 0.1 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: VN079761.D

Acq: 01 Nov 2023 10:03

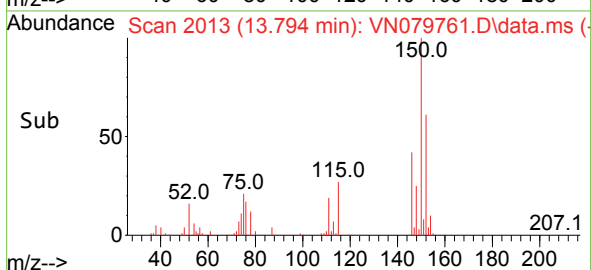
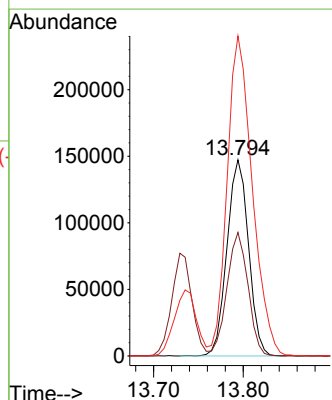
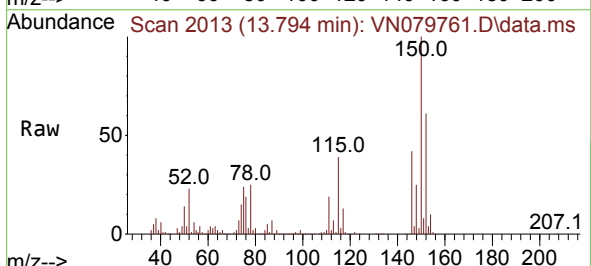
Tgt Ion:152 Resp: 245763

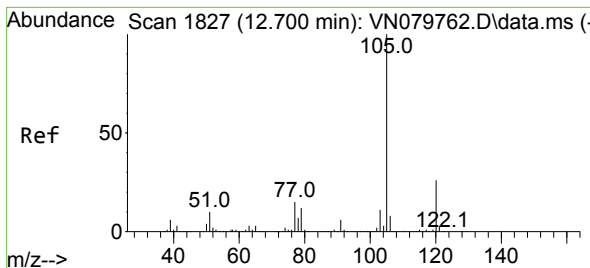
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 190.6 0.0 355.8





#73

Isopropylbenzene

Concen: 105.162 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

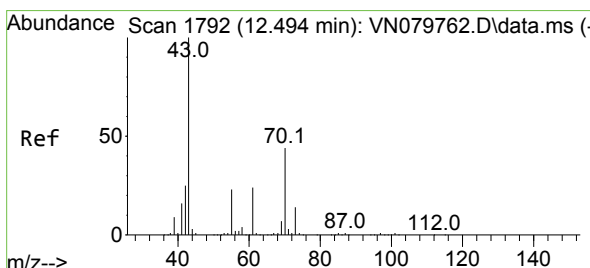
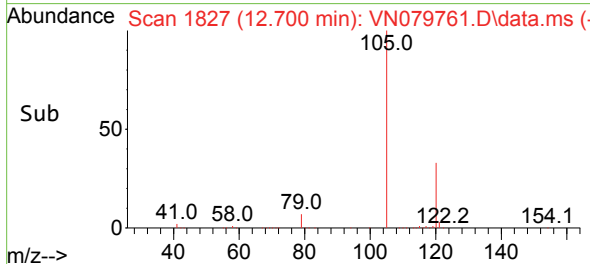
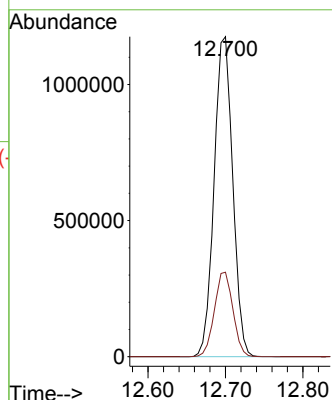
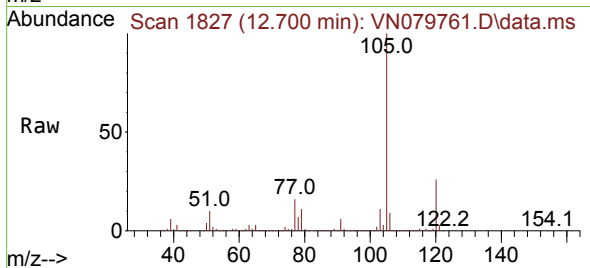
VSTDICC100

Tgt Ion:105 Resp: 1961464

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 105.327 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Tgt Ion: 43 Resp: 857507

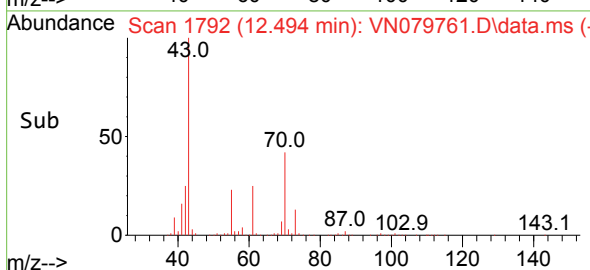
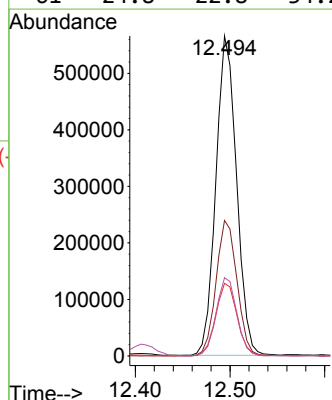
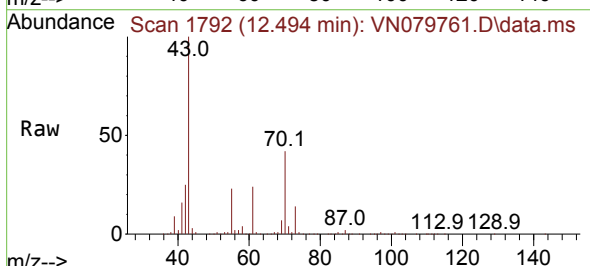
Ion Ratio Lower Upper

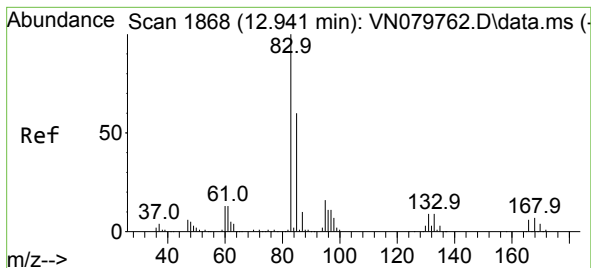
43 100

70 43.4 43.4 65.2#

55 23.3 21.4 32.0

61 24.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 95.623 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

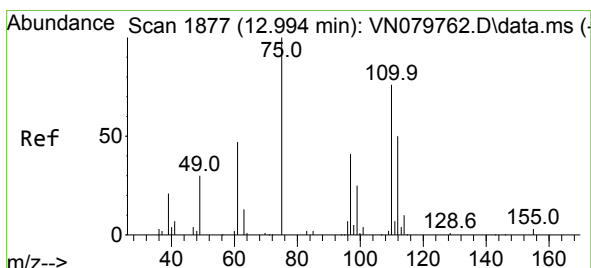
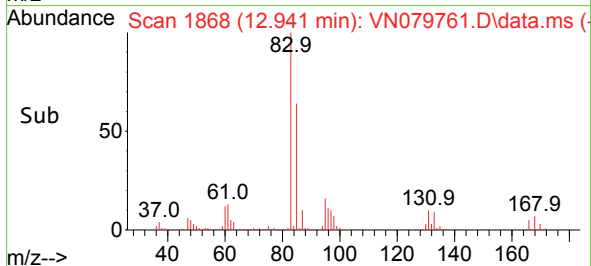
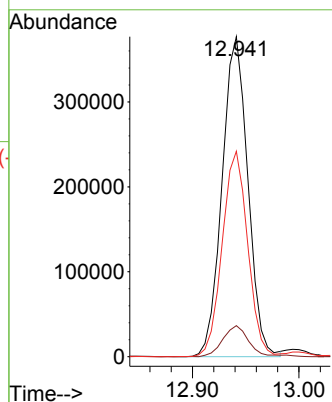
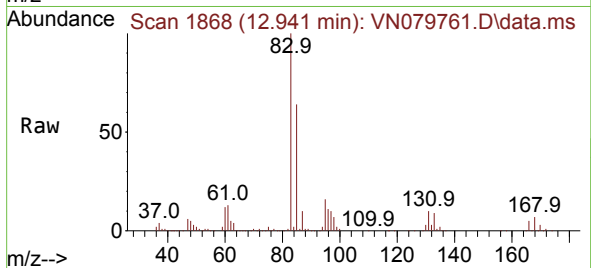
Tgt Ion: 83 Resp: 632369

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 63.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 139.897 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079761.D

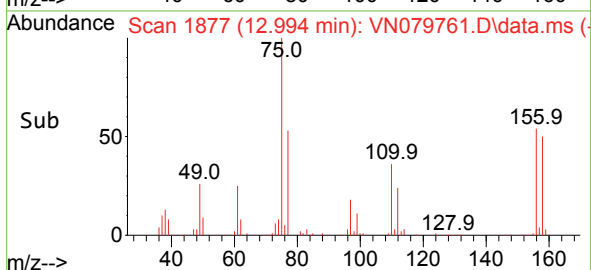
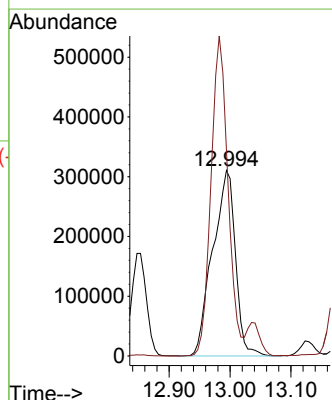
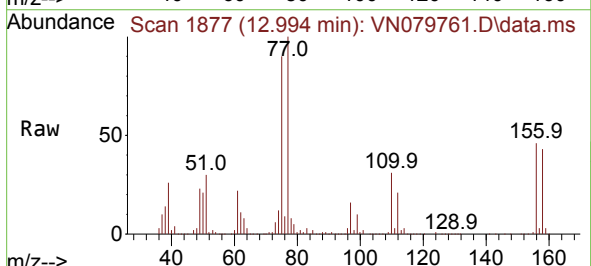
Acq: 01 Nov 2023 10:03

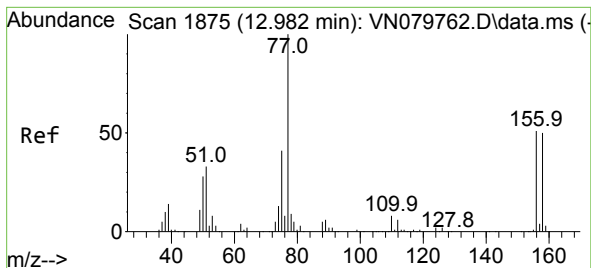
Tgt Ion: 75 Resp: 806142

Ion Ratio Lower Upper

75 100

77 129.3 84.5 253.5





#77

Bromobenzene

Concen: 102.256 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

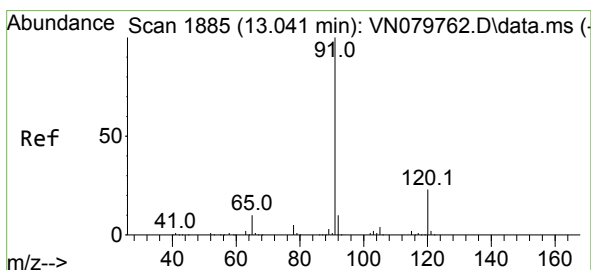
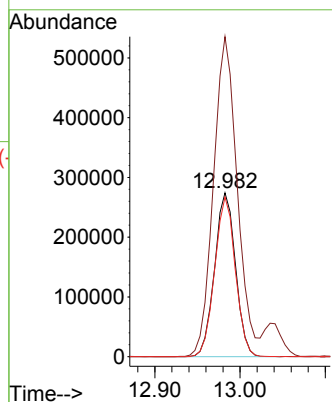
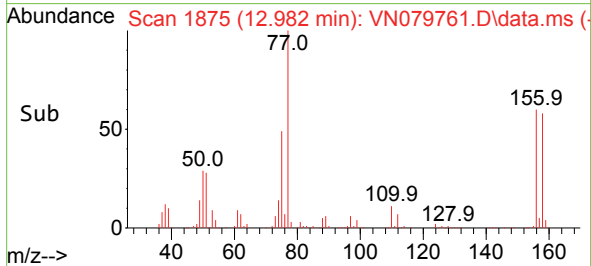
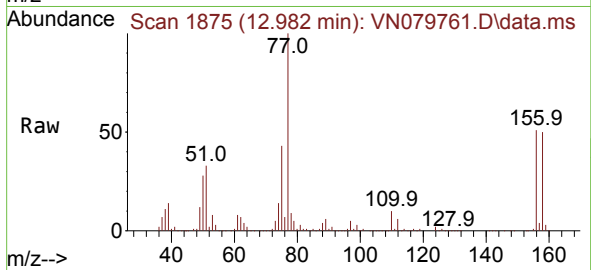
Tgt Ion:156 Resp: 466950

Ion Ratio Lower Upper

156 100

77 223.2 107.7 323.3

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 108.811 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079761.D

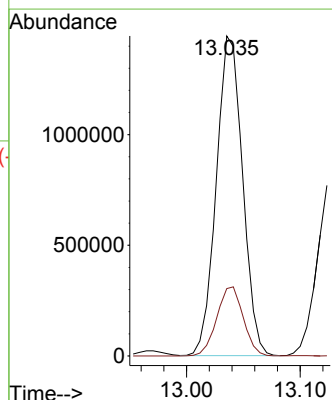
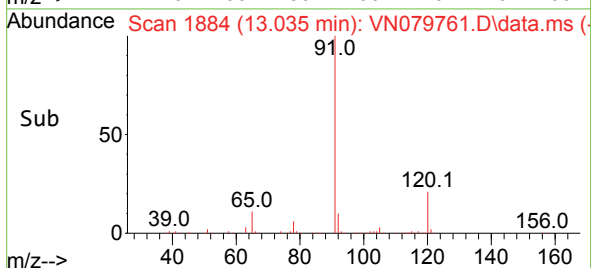
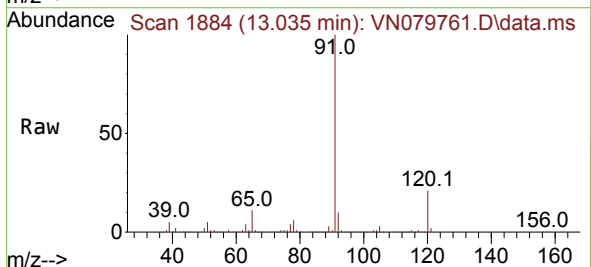
Acq: 01 Nov 2023 10:03

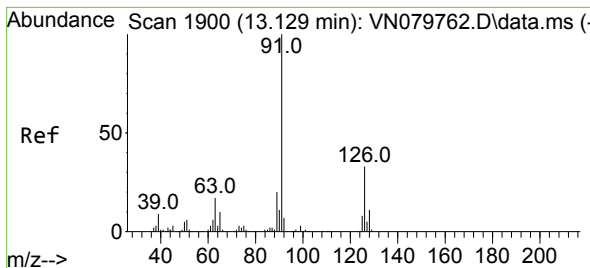
Tgt Ion: 91 Resp: 2324127

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 101.951 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

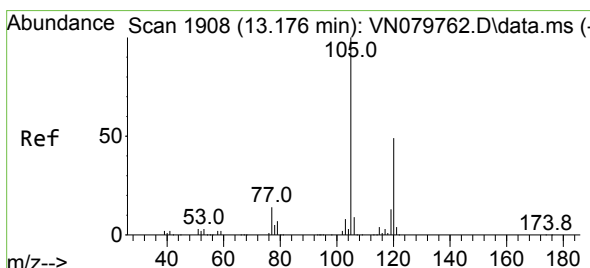
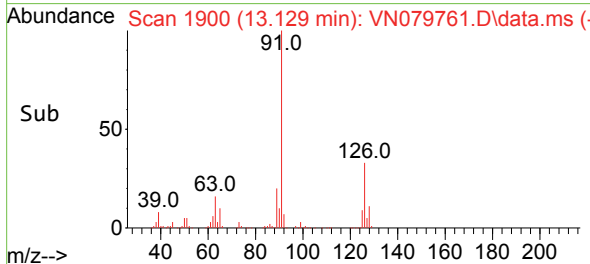
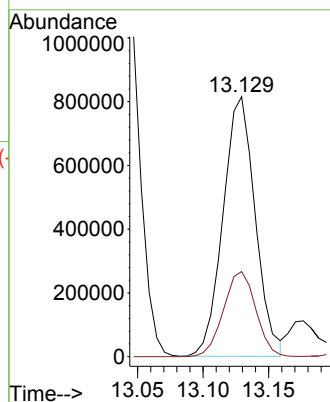
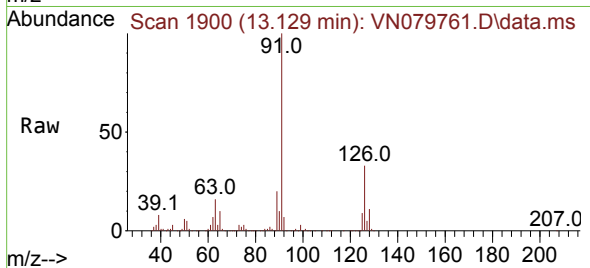
VSTDIC100

Tgt Ion: 91 Resp: 1391111

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 109.429 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079761.D

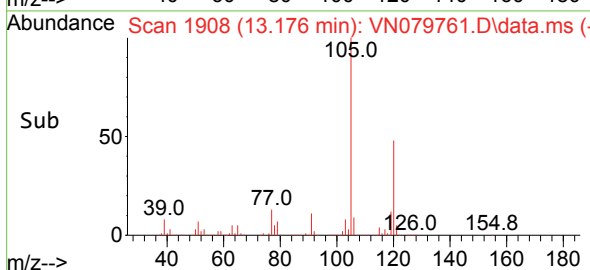
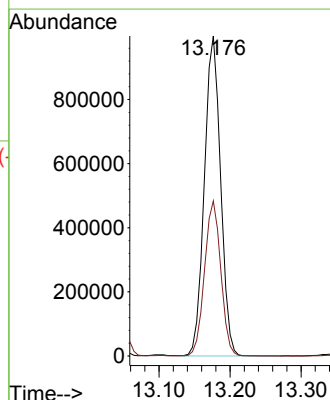
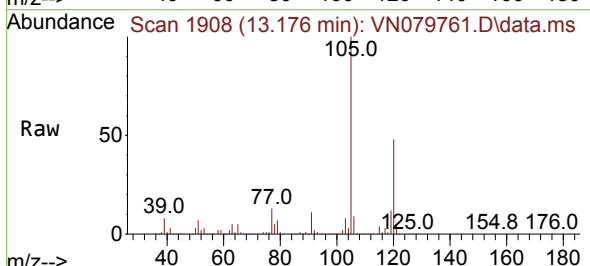
Acq: 01 Nov 2023 10:03

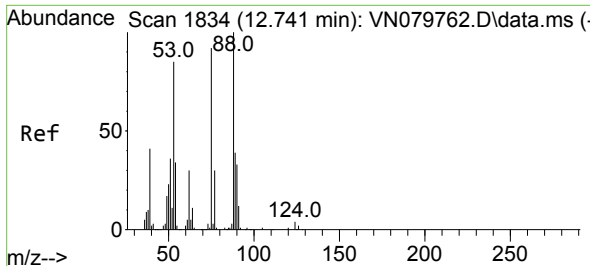
Tgt Ion:105 Resp: 1588004

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

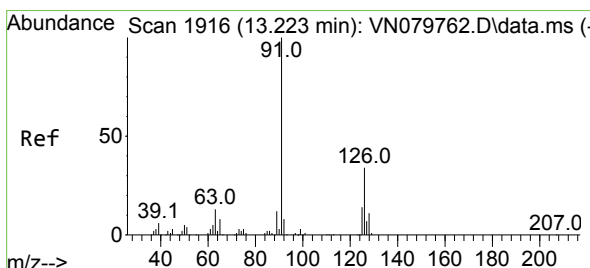
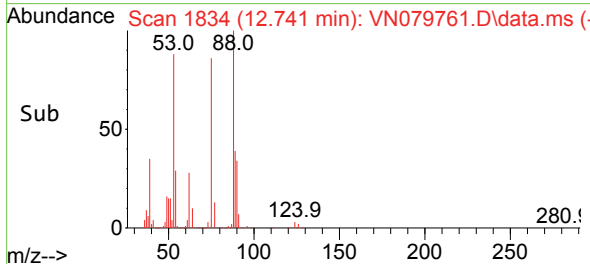
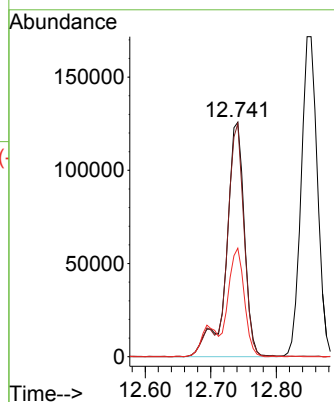
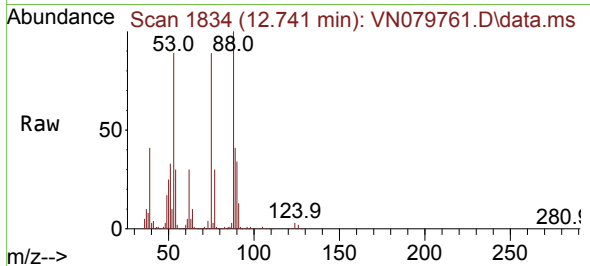




#81
trans-1,4-Dichloro-2-butene
Concen: 113.607 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

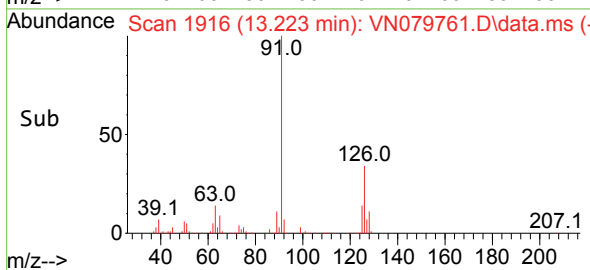
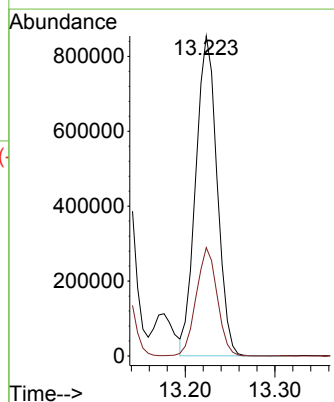
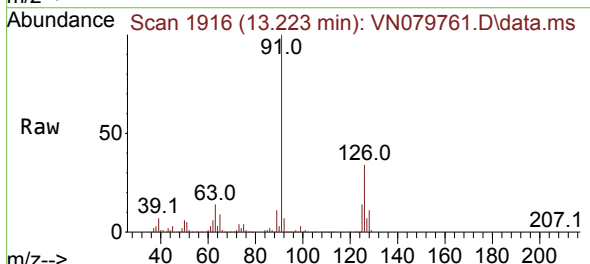
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

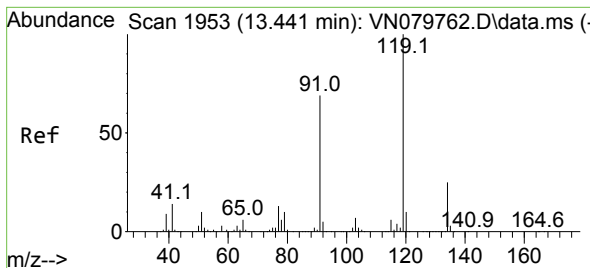
Tgt Ion: 75 Resp: 240921
Ion Ratio Lower Upper
75 100
53 87.7 67.4 101.2
89 41.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 103.837 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 91 Resp: 1407942
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 110.760 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

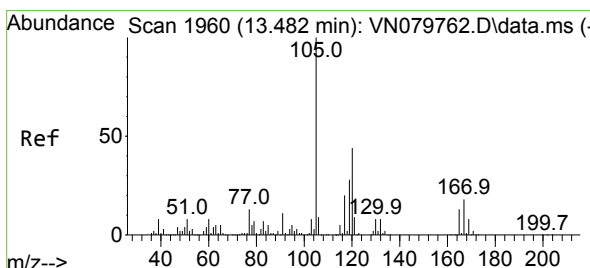
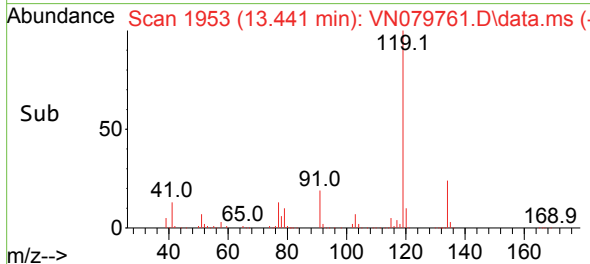
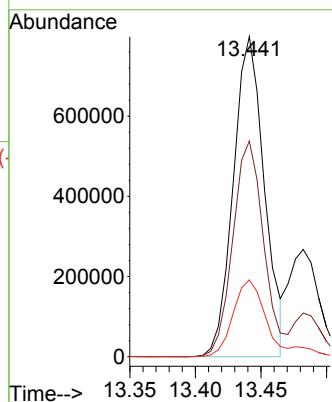
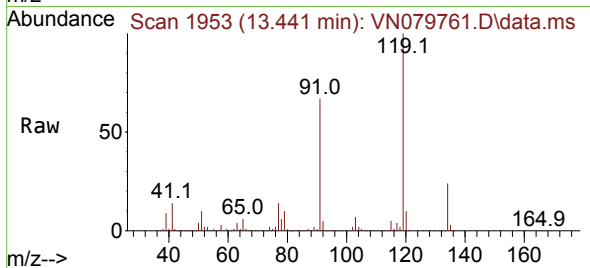
Tgt Ion:119 Resp: 1315674

Ion Ratio Lower Upper

119 100

91 67.5 33.9 101.7

134 26.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 112.934 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079761.D

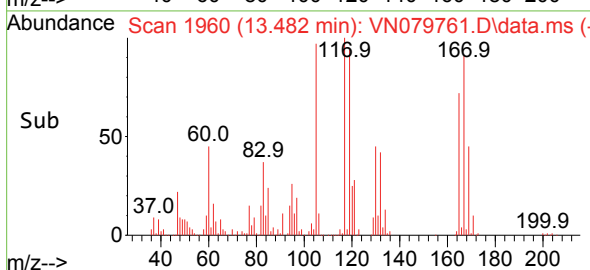
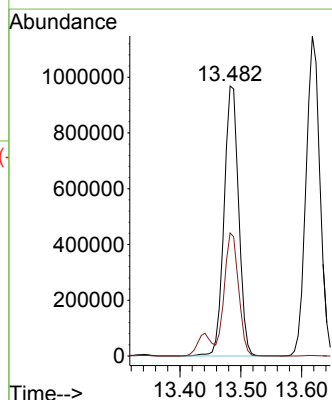
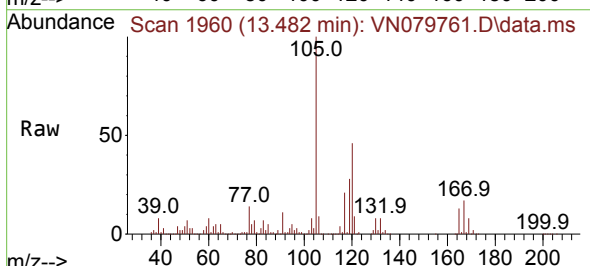
Acq: 01 Nov 2023 10:03

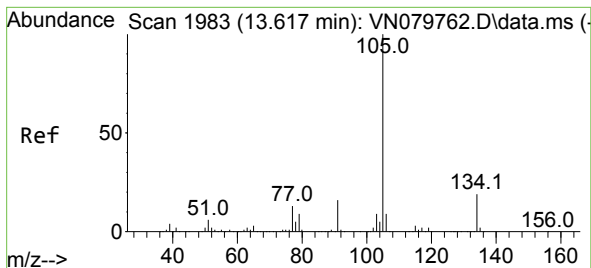
Tgt Ion:105 Resp: 1612424

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0

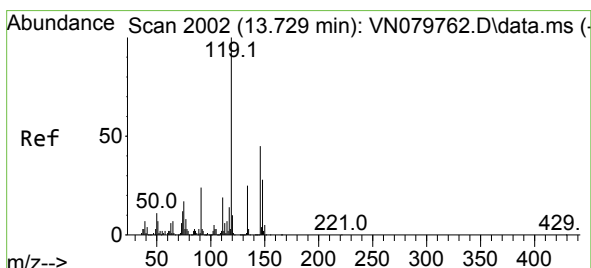
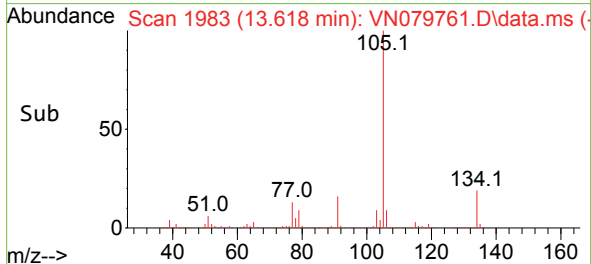
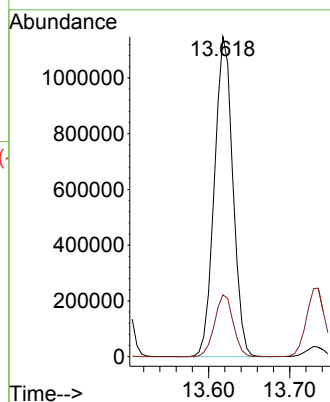
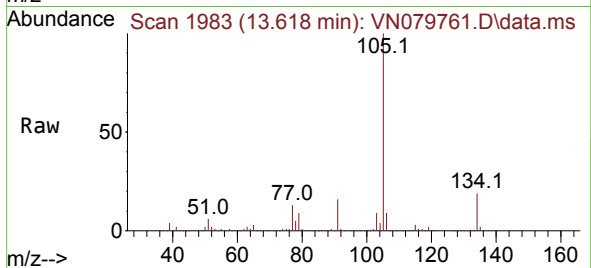




#85
 sec-Butylbenzene
 Concen: 110.317 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

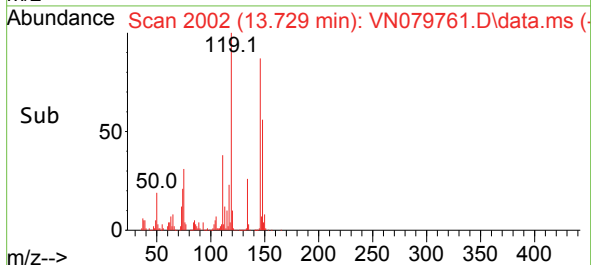
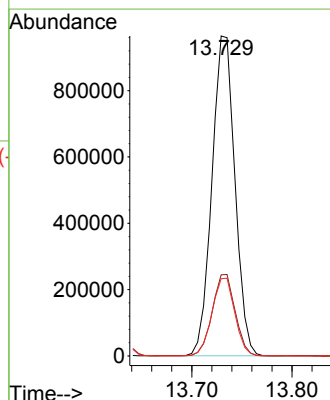
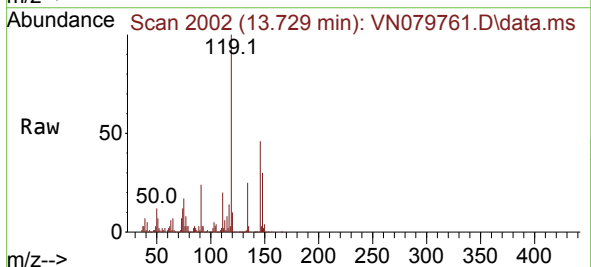
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

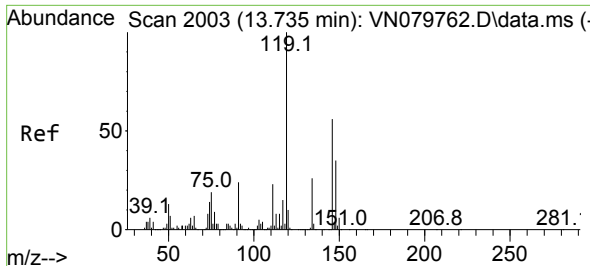
Tgt Ion:105 Resp: 1815522
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 114.496 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079761.D
 Acq: 01 Nov 2023 10:03

Tgt Ion:119 Resp: 1536281
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.1 12.4 37.2

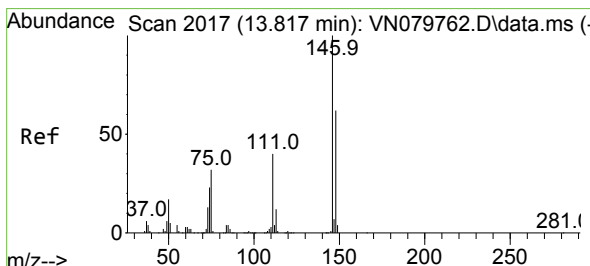
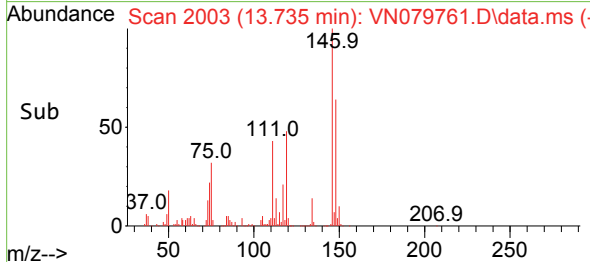
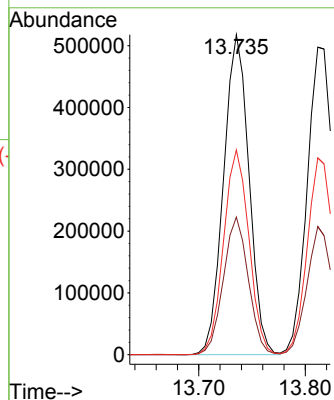
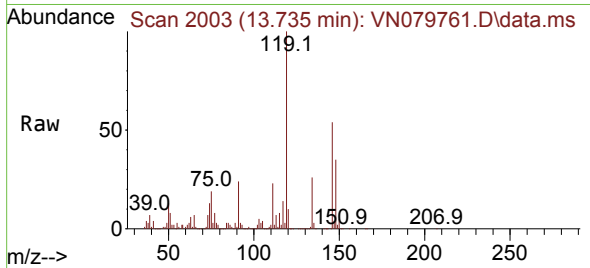




#87
1,3-Dichlorobenzene
Concen: 101.152 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

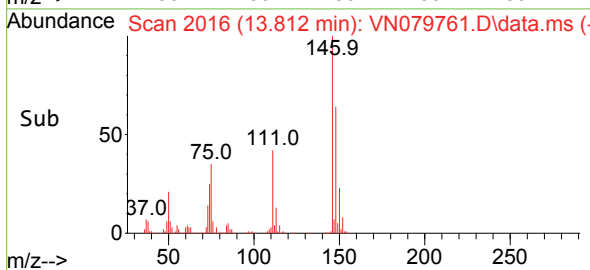
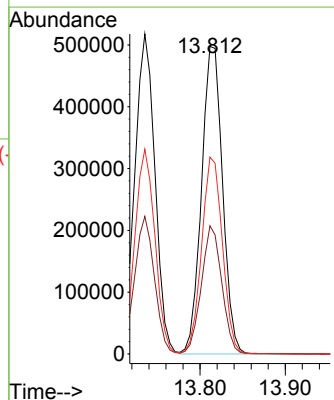
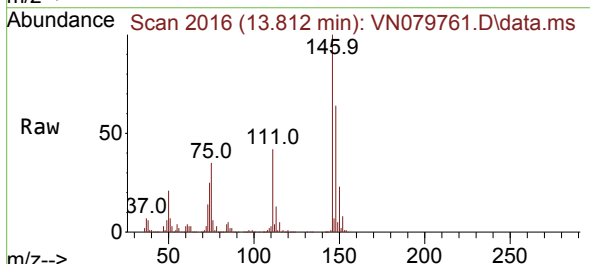
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

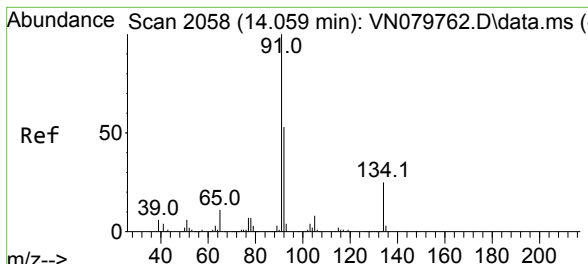
Tgt Ion:146 Resp: 859281
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.3
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 98.986 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion:146 Resp: 853515
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.4 31.6 94.8

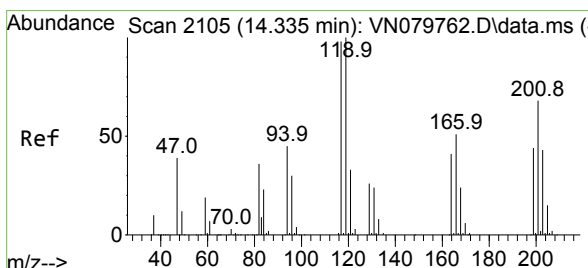
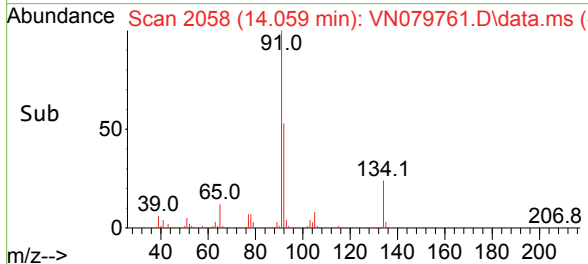
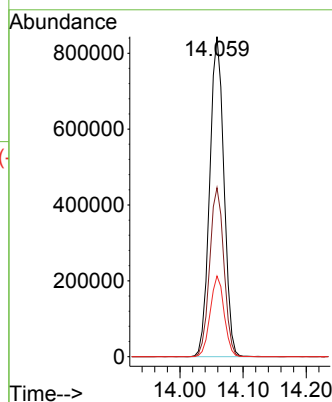
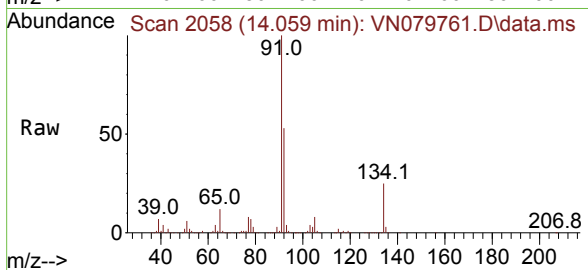




#89
n-Butylbenzene
Concen: 113.912 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

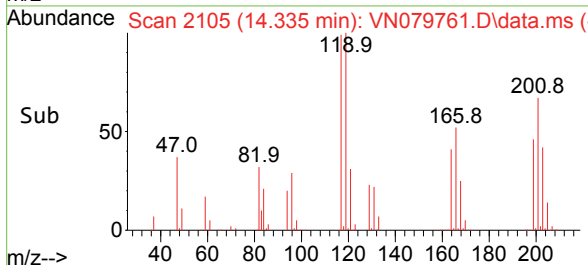
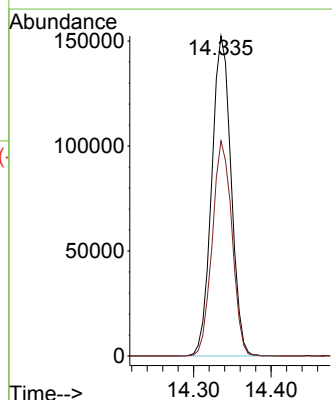
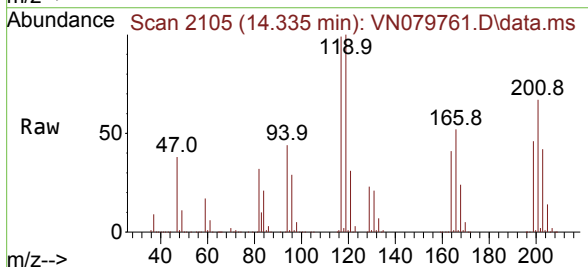
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

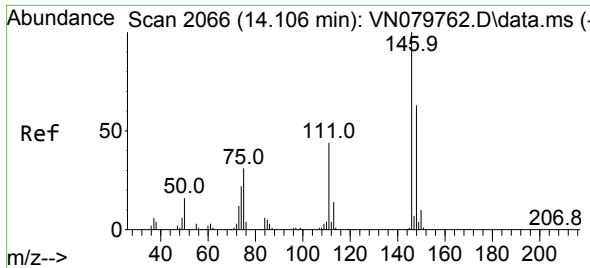
Tgt Ion: 91 Resp: 1316448
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 99.617 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 117 Resp: 264713
Ion Ratio Lower Upper
117 100
201 68.1 29.3 88.0

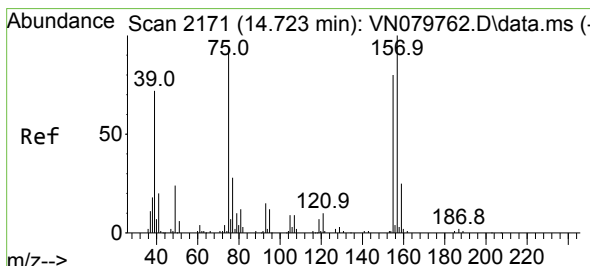
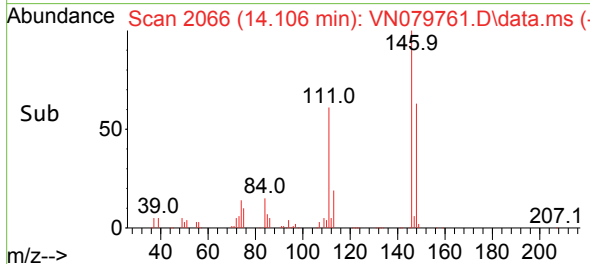
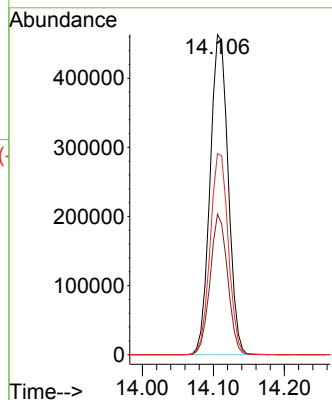
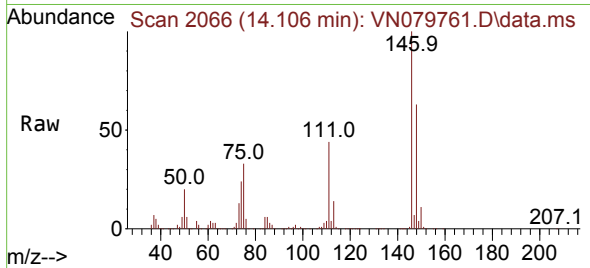




#91
1,2-Dichlorobenzene
Concen: 102.094 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

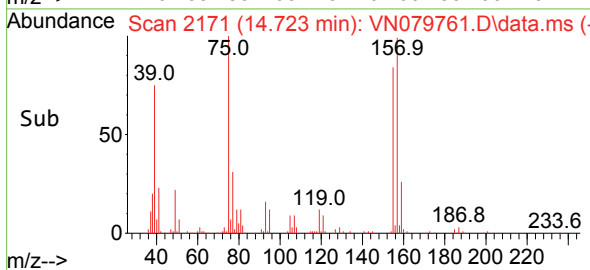
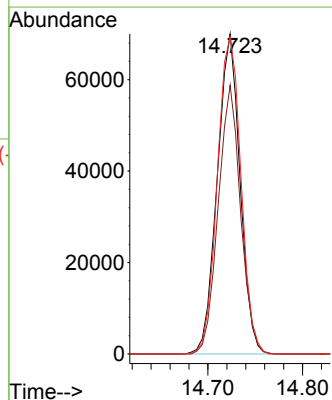
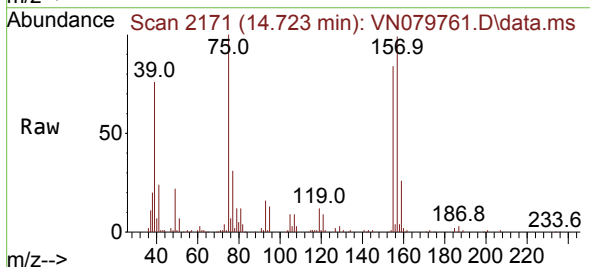
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

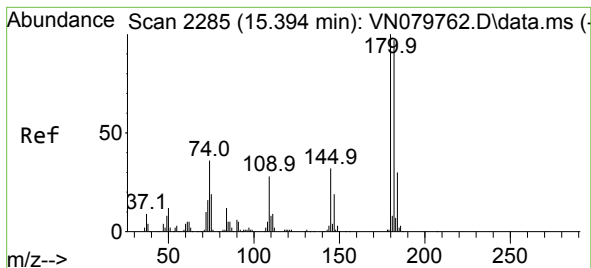
Tgt Ion:146 Resp: 818717
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 63.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 104.173 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079761.D
Acq: 01 Nov 2023 10:03

Tgt Ion: 75 Resp: 116828
Ion Ratio Lower Upper
75 100
155 82.6 39.1 117.2
157 102.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 108.209 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

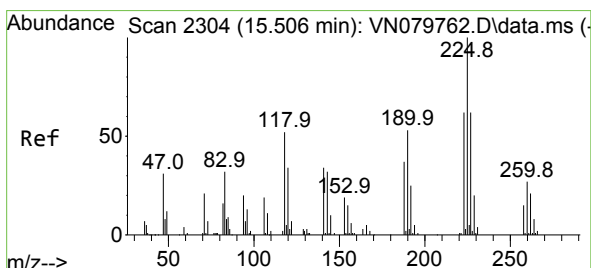
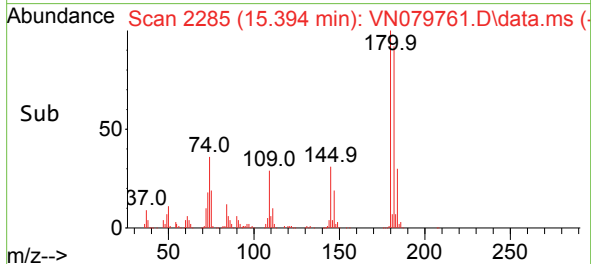
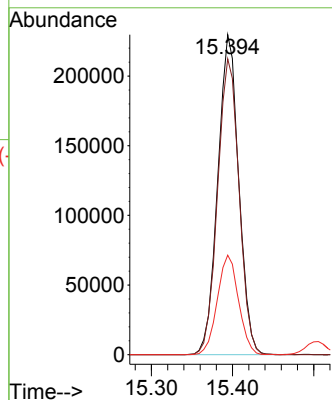
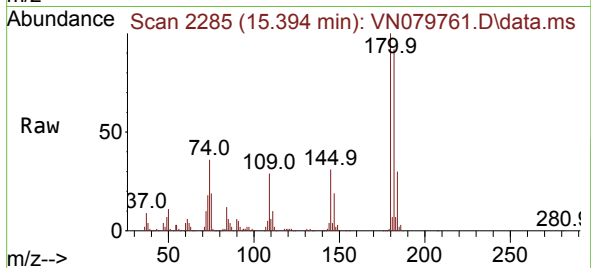
Tgt Ion:180 Resp: 412611

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 91.473 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

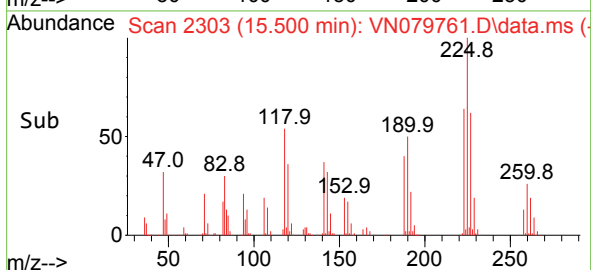
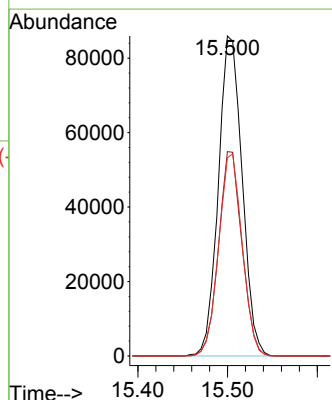
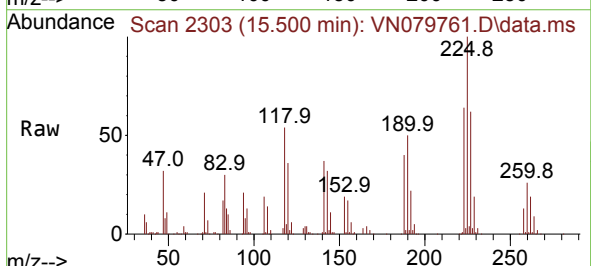
Tgt Ion:225 Resp: 158116

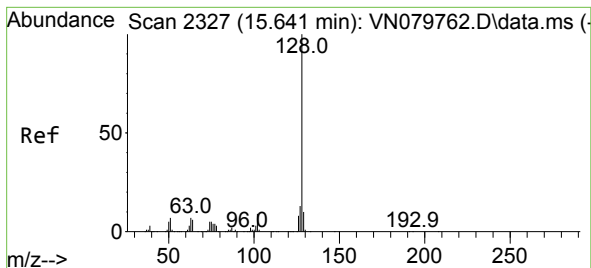
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 62.4 31.9 95.9





#95

Naphthalene

Concen: 109.580 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

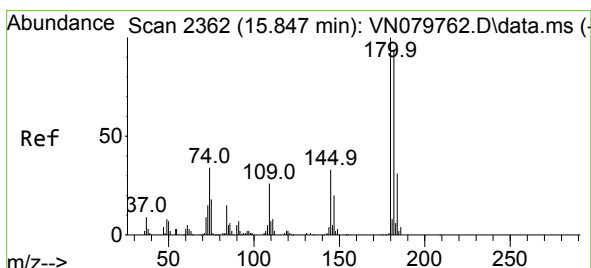
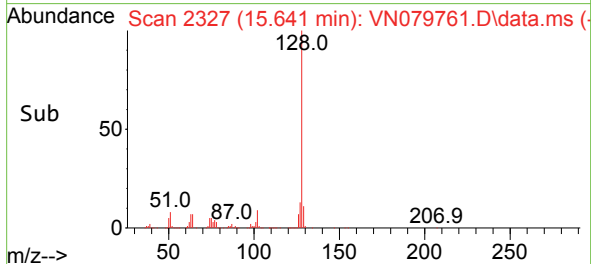
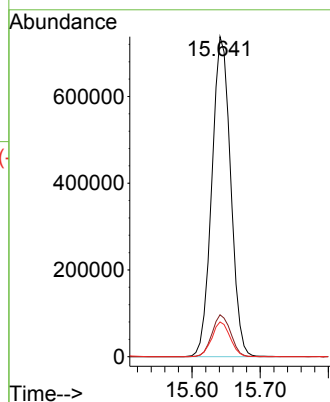
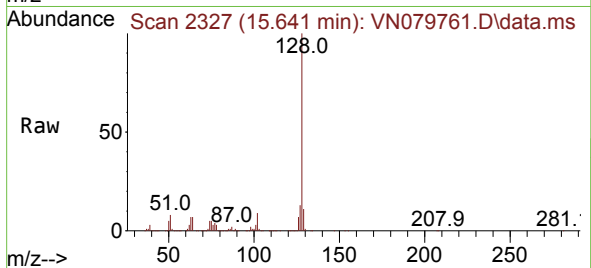
Tgt Ion:128 Resp: 1416990

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 104.430 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079761.D

Acq: 01 Nov 2023 10:03

Tgt Ion:180 Resp: 390330

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 33.7 17.5 52.6

