

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081223.D
 Acq On : 27 Feb 2024 16:47
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Quant Time: Feb 28 04:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	246806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158367	52.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.700%	
35) Dibromofluoromethane	8.165	113	136305	51.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	10.570	98	458704	48.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.853	95	175979	49.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66324	20.780	ug/l	98
3) Chloromethane	2.359	50	65850	18.157	ug/l	94
4) Vinyl Chloride	2.512	62	74140	20.912	ug/l	98
5) Bromomethane	2.953	94	44936	17.845	ug/l	92
6) Chloroethane	3.124	64	51658	22.043	ug/l	92
7) Trichlorofluoromethane	3.494	101	111101	21.451	ug/l	90
8) Diethyl Ether	3.965	74	41430	21.879	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	62446	21.627	ug/l	93
10) Methyl Iodide	4.589	142	56048	17.390	ug/l	98
11) Tert butyl alcohol	5.524	59	65617	117.944	ug/l	99
12) 1,1-Dichloroethene	4.341	96	56231	20.147	ug/l	88
13) Acrolein	4.183	56	26703	89.552	ug/l	97
14) Allyl chloride	5.024	41	82666	19.961	ug/l	91
15) Acrylonitrile	5.718	53	174473	120.080	ug/l	98
16) Acetone	4.424	43	137211	115.271	ug/l	91
17) Carbon Disulfide	4.718	76	134174	17.235	ug/l	99
18) Methyl Acetate	5.024	43	81216	27.969	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	204284	21.370	ug/l	93
20) Methylene Chloride	5.283	84	71078	22.572	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	63288	20.324	ug/l	92
22) Diisopropyl ether	6.683	45	210098	22.365	ug/l #	94
23) Vinyl Acetate	6.606	43	815929	107.051	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	119599	22.018	ug/l #	94
25) 2-Butanone	7.488	43	222089	115.490	ug/l	91
26) 2,2-Dichloropropane	7.494	77	99799	19.609	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	77397	21.392	ug/l	86
28) Bromochloromethane	7.812	49	49340	21.910	ug/l #	66
29) Tetrahydrofuran	7.841	42	149905	116.776	ug/l #	87
30) Chloroform	7.971	83	131390	22.754	ug/l	100
31) Cyclohexane	8.265	56	102759	19.673	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	117441	22.331	ug/l	91
36) 1,1-Dichloropropene	8.377	75	90394	19.875	ug/l	96
37) Ethyl Acetate	7.565	43	89766	21.869	ug/l	96
38) Carbon Tetrachloride	8.365	117	95738	20.806	ug/l	97
39) Methylcyclohexane	9.600	83	100509	18.957	ug/l	97
40) Benzene	8.606	78	279929	21.264	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49694	21.272	ug/l	95
42) 1,2-Dichloroethane	8.671	62	100828	21.953	ug/l	100
43) Isopropyl Acetate	8.694	43	167943	23.394	ug/l	99
44) Trichloroethene	9.353	130	70993	20.247	ug/l	99
45) 1,2-Dichloropropane	9.629	63	73751	22.396	ug/l	100
46) Dibromomethane	9.712	93	50754	21.153	ug/l	93
47) Bromodichloromethane	9.894	83	102588	22.575	ug/l #	93
48) Methyl methacrylate	9.682	41	71581	21.429	ug/l	90
49) 1,4-Dioxane	9.700	88	31788	497.045	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	492855	119.344	ug/l	95
52) Toluene	10.635	92	177959	21.353	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	105454	20.883	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	109780	20.121	ug/l #	93
55) 1,1,2-Trichloroethane	11.023	97	73686	22.988	ug/l #	88
56) Ethyl methacrylate	10.876	69	104981	21.429	ug/l	89
57) 1,3-Dichloropropane	11.165	76	123968	22.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	268251	109.131	ug/l #	89
59) 2-Hexanone	11.200	43	361546	110.428	ug/l	94
60) Dibromochloromethane	11.365	129	74303	21.820	ug/l	98
61) 1,2-Dibromoethane	11.476	107	73201	21.716	ug/l	99
64) Tetrachloroethene	11.106	164	66255	22.656	ug/l	94
65) Chlorobenzene	11.894	112	182885	19.721	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	67279	20.199	ug/l	98
67) Ethyl Benzene	11.965	91	329310	19.845	ug/l	98
68) m/p-Xylenes	12.076	106	249592	39.241	ug/l	96
69) o-Xylene	12.400	106	124120	19.686	ug/l	94
70) Styrene	12.417	104	201008	20.119	ug/l	98
71) Bromoform	12.582	173	45747	21.648	ug/l #	95
73) Isopropylbenzene	12.700	105	320888	19.428	ug/l	96
74) N-amyl acetate	12.500	43	132645	19.002	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	100272	21.590	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	131192	30.587	ug/l	61
77) Bromobenzene	12.988	156	71355	19.375	ug/l	82
78) n-propylbenzene	13.041	91	380443	20.009	ug/l	98
79) 2-Chlorotoluene	13.129	91	228719	19.612	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	268681	20.063	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	33136	19.885	ug/l	87
82) 4-Chlorotoluene	13.229	91	223974	19.641	ug/l	97
83) tert-Butylbenzene	13.441	119	240569	20.776	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	268286	20.105	ug/l	94
85) sec-Butylbenzene	13.617	105	330958	20.559	ug/l	96
86) p-Isopropyltoluene	13.735	119	263806	19.730	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	135030	19.405	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	132373	19.360	ug/l	99
89) n-Butylbenzene	14.059	91	235366	20.205	ug/l	96
90) Hexachloroethane	14.335	117	43974	19.896	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	130739	19.481	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19069	19.748	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	67667	18.073	ug/l	98
94) Hexachlorobutadiene	15.505	225	26220	18.777	ug/l	95
95) Naphthalene	15.647	128	256776	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70596	19.007	ug/l	96

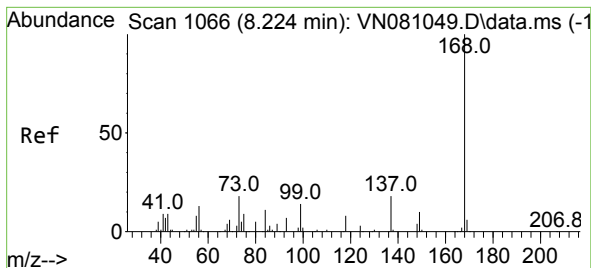
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

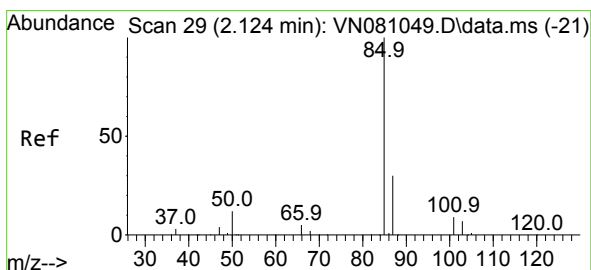
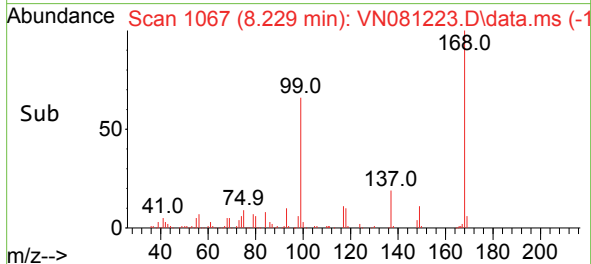
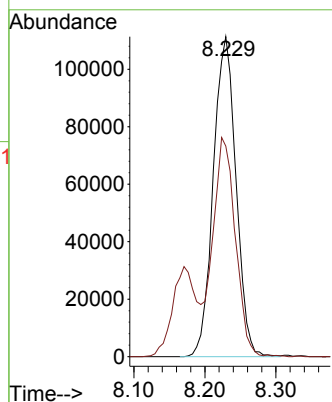
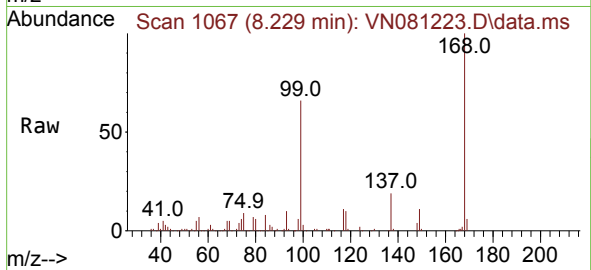
VN0227WBSD01

Tgt Ion:168 Resp: 246806

Ion Ratio Lower Upper

168 100

99 65.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 20.780 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081223.D

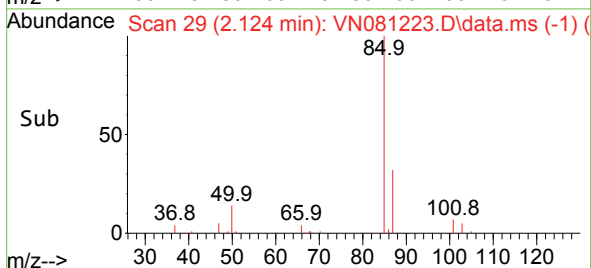
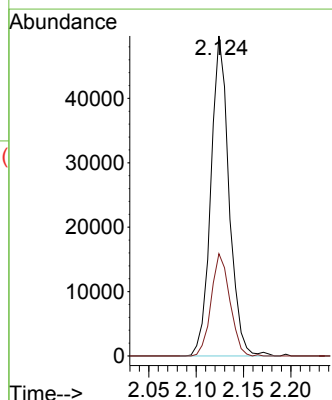
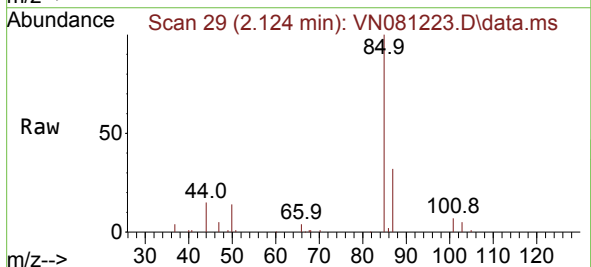
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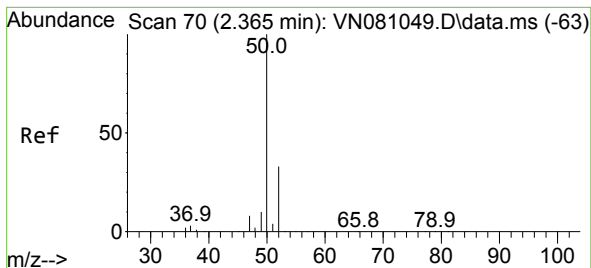
Tgt Ion: 85 Resp: 66324

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.9





#3

Chloromethane

Concen: 18.157 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

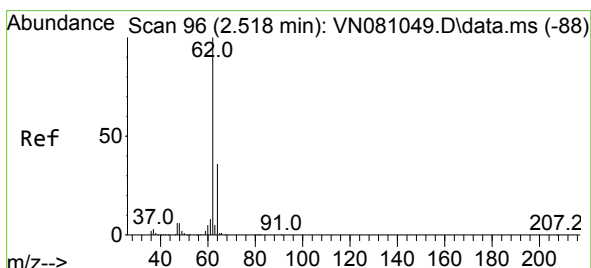
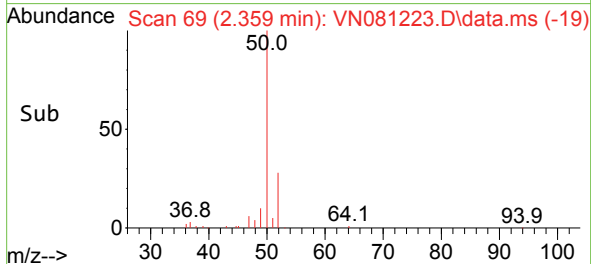
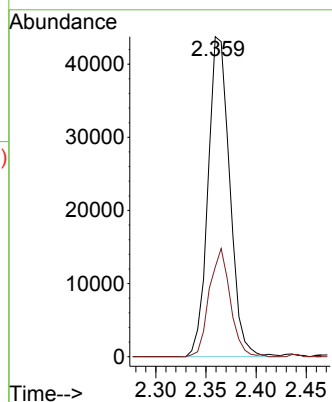
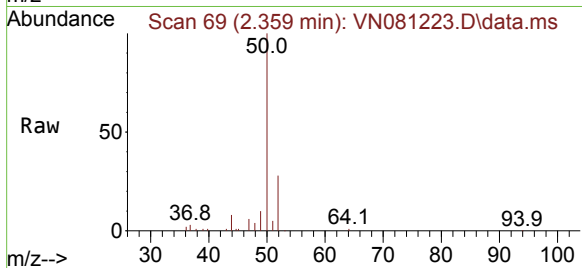
VN0227WBSD01

Tgt Ion: 50 Resp: 65850

Ion Ratio Lower Upper

50 100

52 28.0 25.0 37.4



#4

Vinyl Chloride

Concen: 20.912 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081223.D

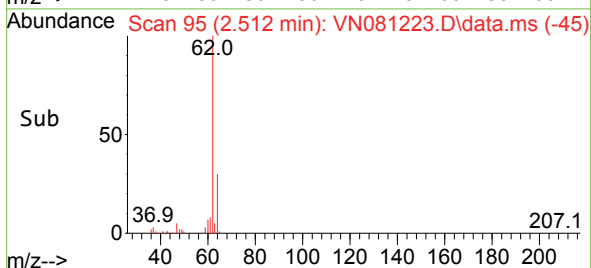
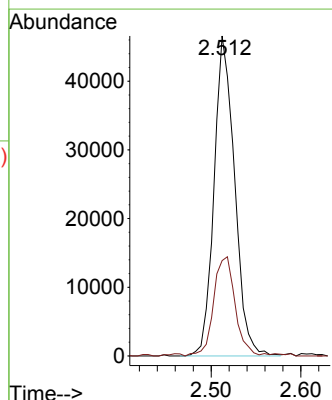
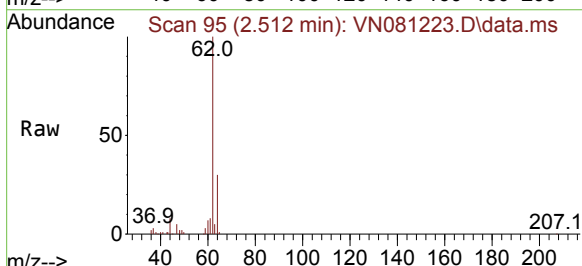
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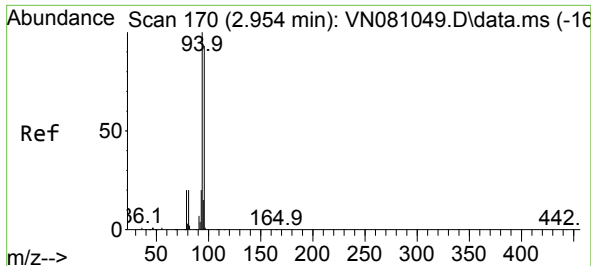
Tgt Ion: 62 Resp: 74140

Ion Ratio Lower Upper

62 100

64 29.3 22.7 34.1

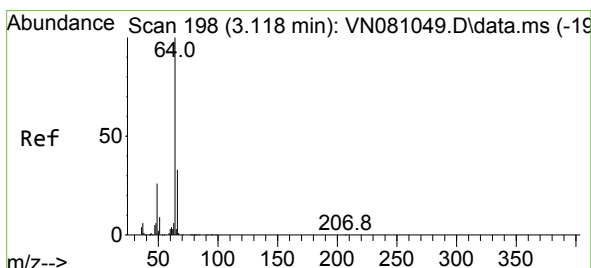
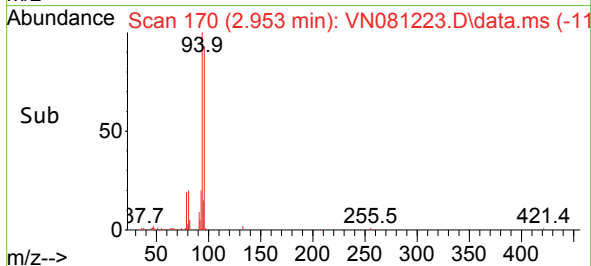
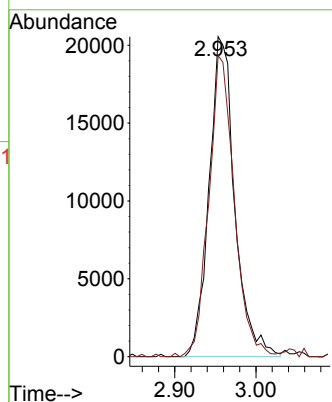
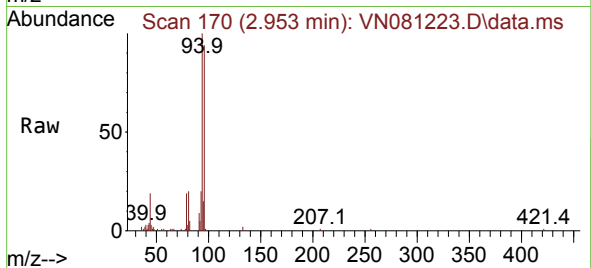




#5
Bromomethane
Concen: 17.845 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

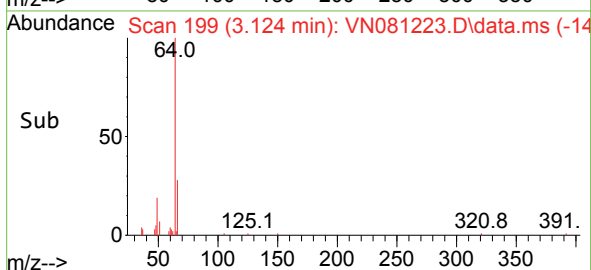
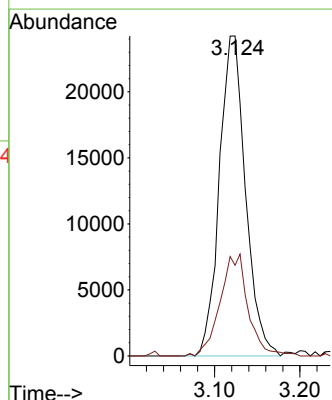
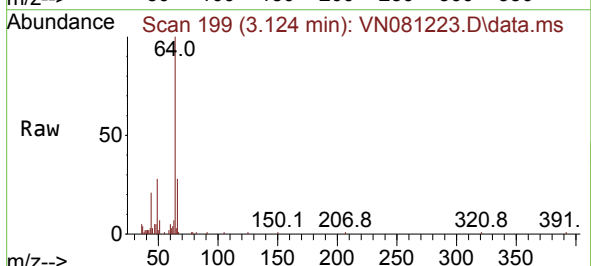
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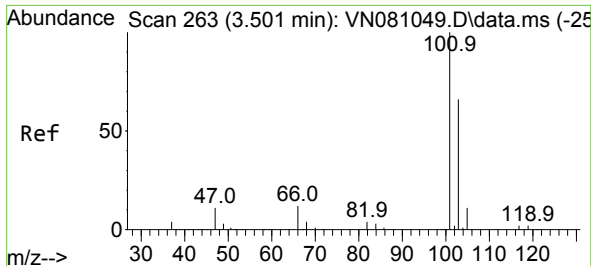
Tgt Ion: 94 Resp: 44936
Ion Ratio Lower Upper
94 100
96 94.1 69.2 103.8



#6
Chloroethane
Concen: 22.043 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 64 Resp: 51658
Ion Ratio Lower Upper
64 100
66 28.3 26.4 39.6

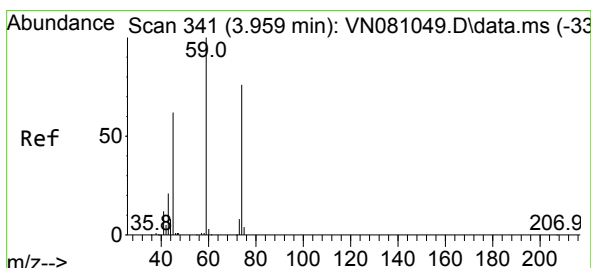
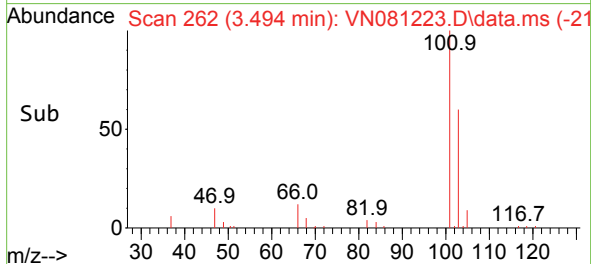
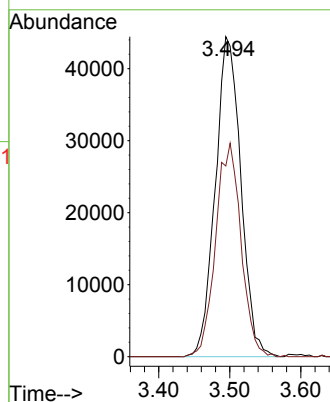
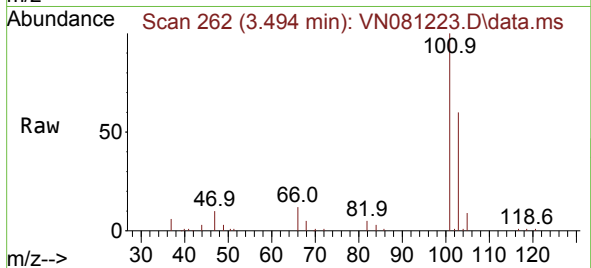




#7
Trichlorofluoromethane
Concen: 21.451 ug/l
RT: 3.494 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

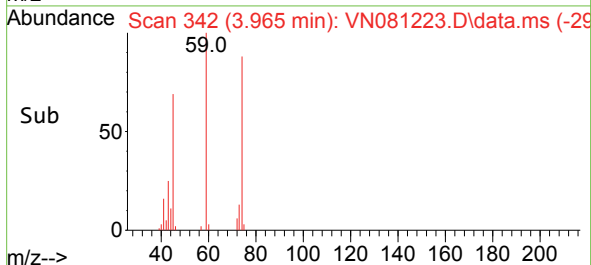
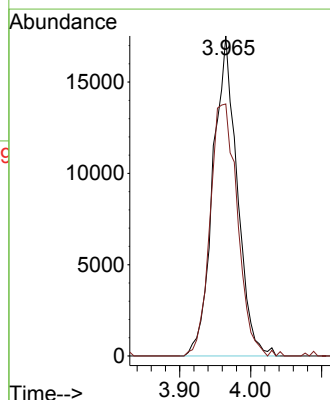
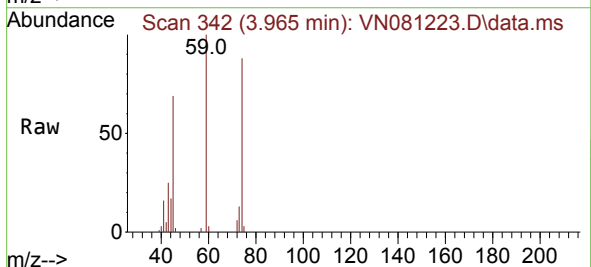
Instrument :
MSVOA_N
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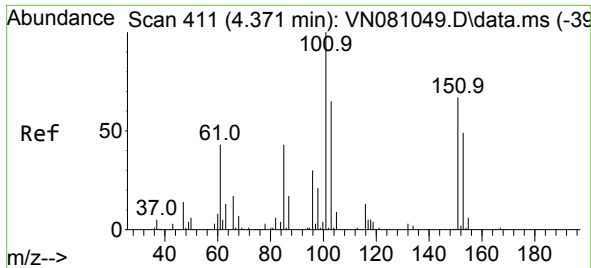
Tgt Ion:101 Resp: 111101
Ion Ratio Lower Upper
101 100
103 59.6 54.4 81.6



#8
Diethyl Ether
Concen: 21.879 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 74 Resp: 41430
Ion Ratio Lower Upper
74 100
45 88.7 53.3 159.9

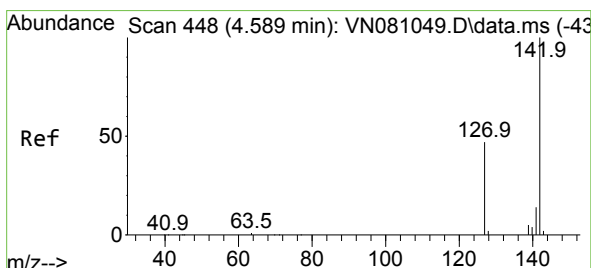
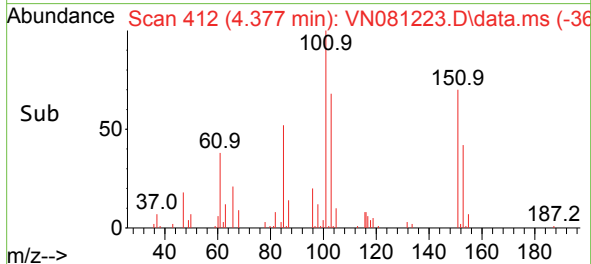
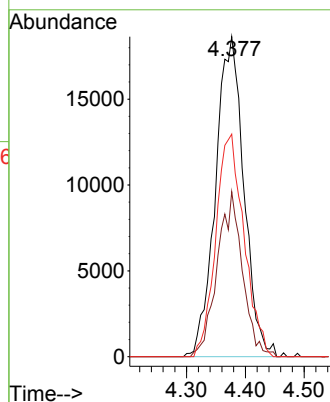
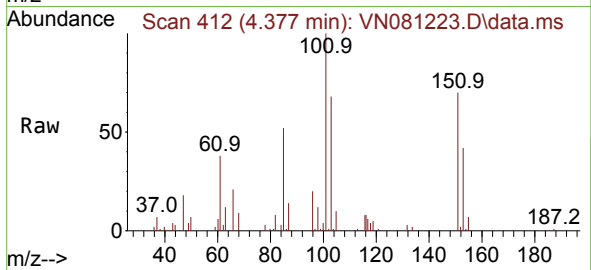




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.627 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081223.D
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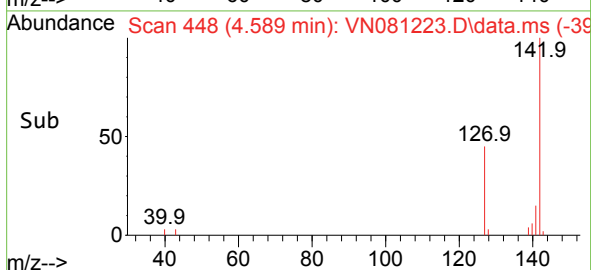
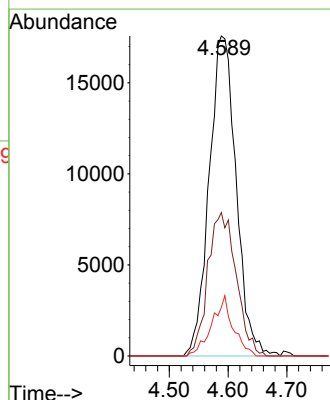
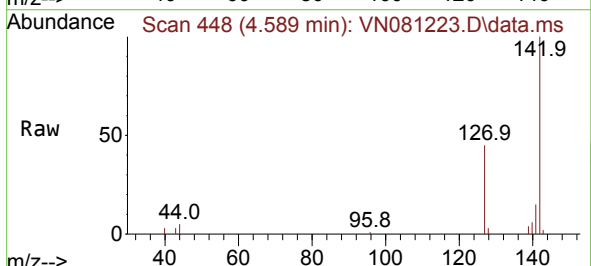
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

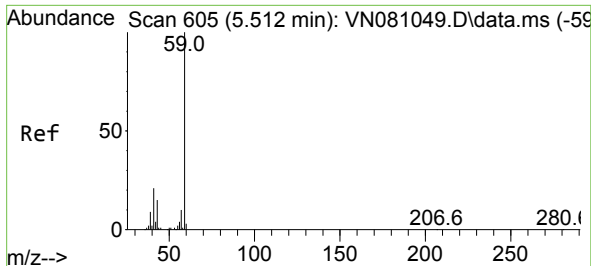
Tgt Ion:101 Resp: 62446
Ion Ratio Lower Upper
101 100
85 45.8 38.1 57.1
151 69.3 49.1 73.7



#10
Methyl Iodide
Concen: 17.390 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:142 Resp: 56048
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4
141 15.2 12.5 18.7

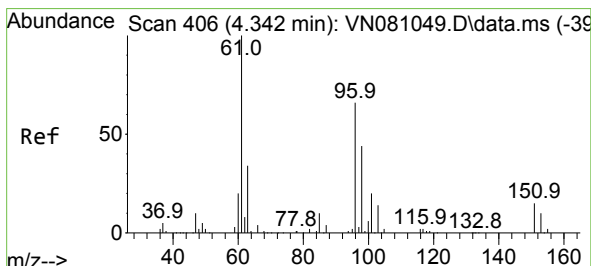
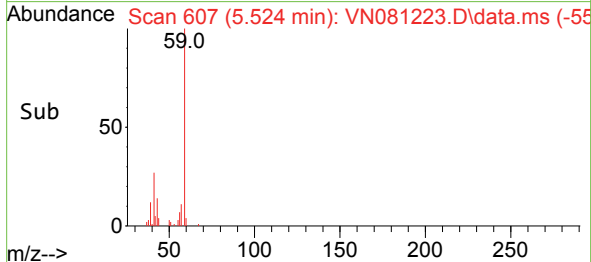
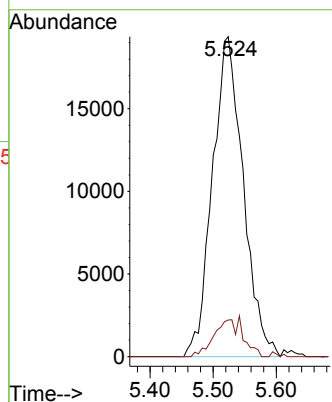
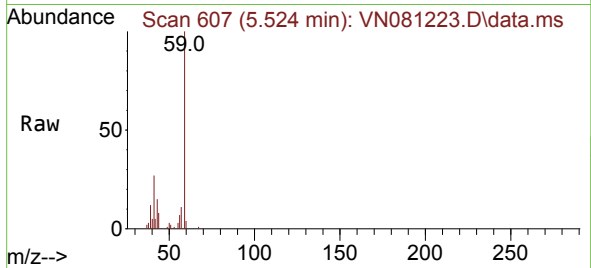




#11
Tert butyl alcohol
Concen: 117.944 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

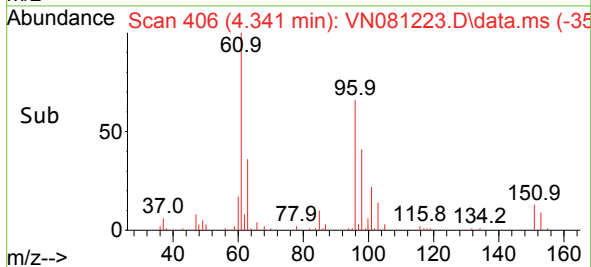
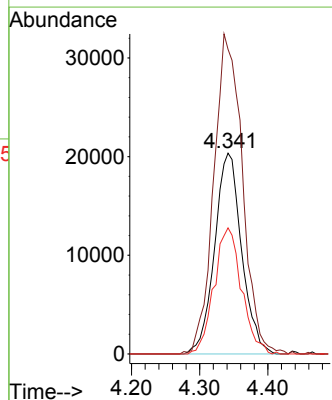
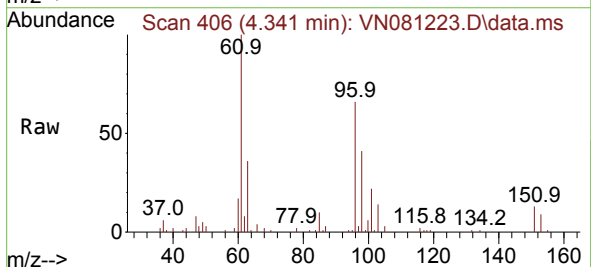
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

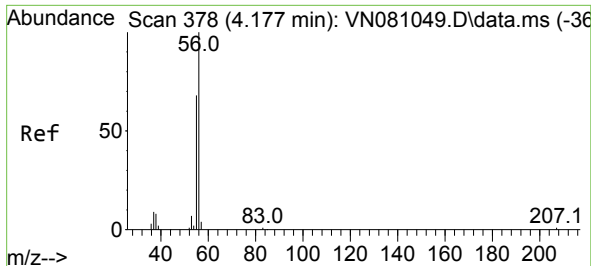
Tgt Ion: 59 Resp: 65617
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.147 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 96 Resp: 56231
Ion Ratio Lower Upper
96 100
61 151.7 138.2 207.4
98 62.7 49.2 73.8

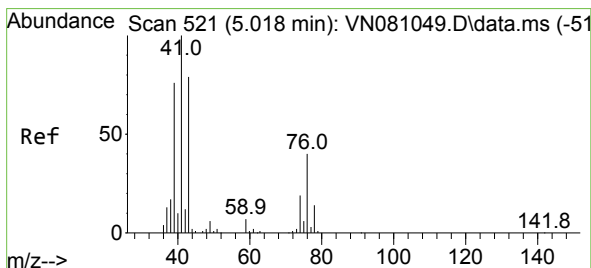
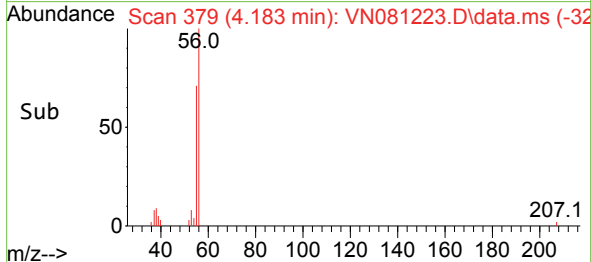
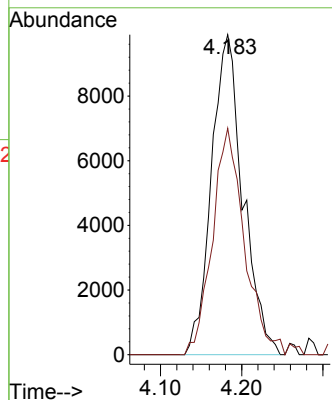
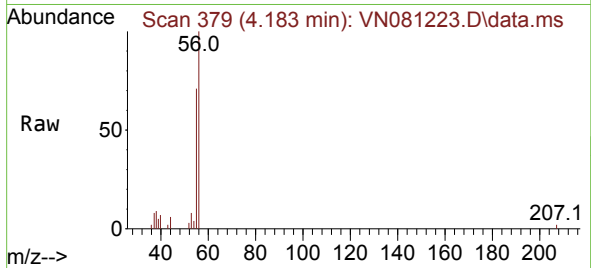




#13
Acrolein
Concen: 89.552 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

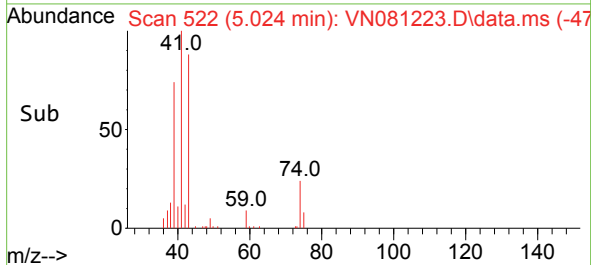
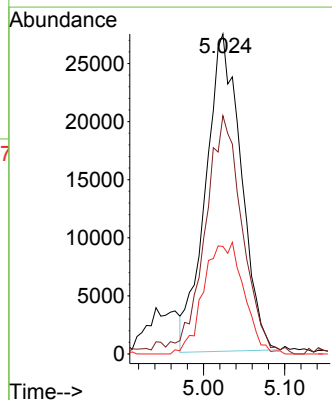
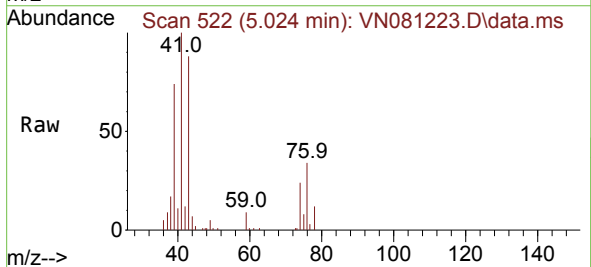
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

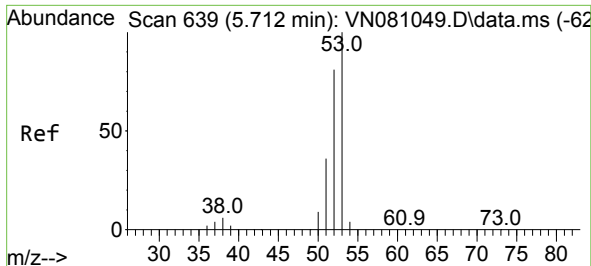
Tgt Ion: 56 Resp: 26703
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9



#14
Allyl chloride
Concen: 19.961 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 41 Resp: 82666
Ion Ratio Lower Upper
41 100
39 79.1 57.7 86.5
76 39.9 26.8 40.2

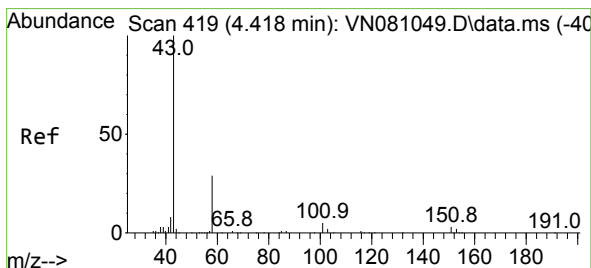
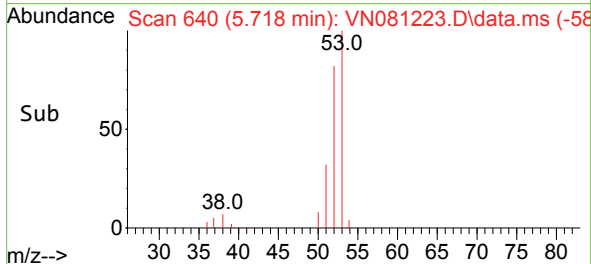
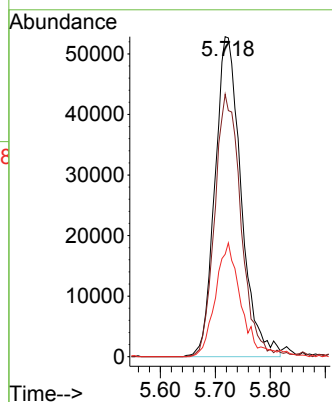
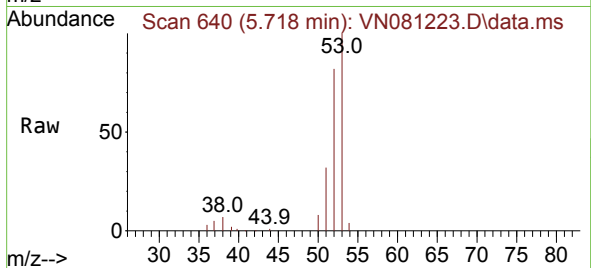




#15
Acrylonitrile
Concen: 120.080 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

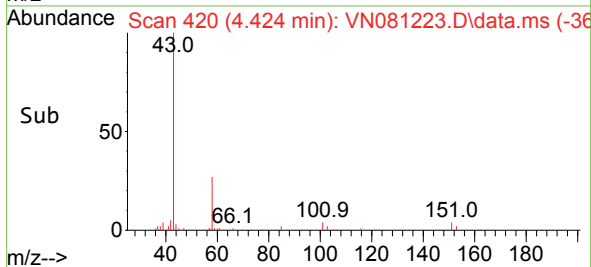
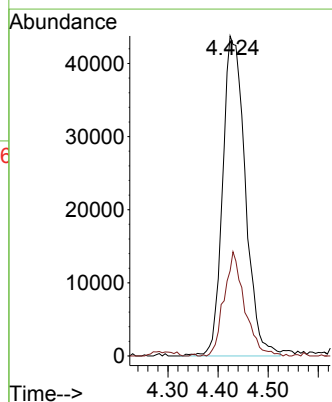
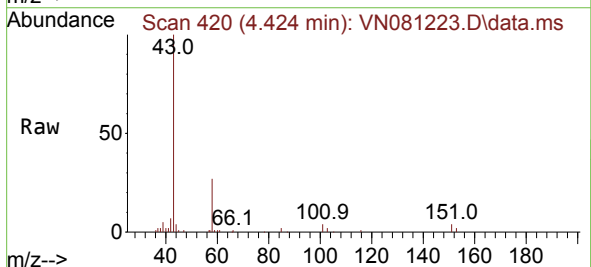
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

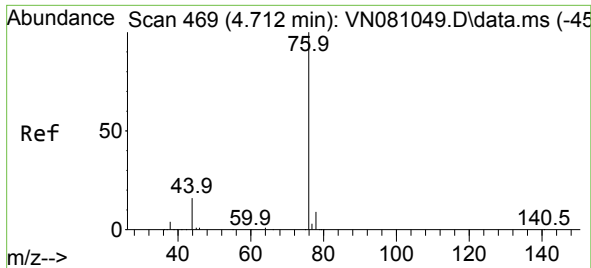
Tgt Ion: 53 Resp: 174473
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 34.6 26.9 40.3



#16
Acetone
Concen: 115.271 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 43 Resp: 137211
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2

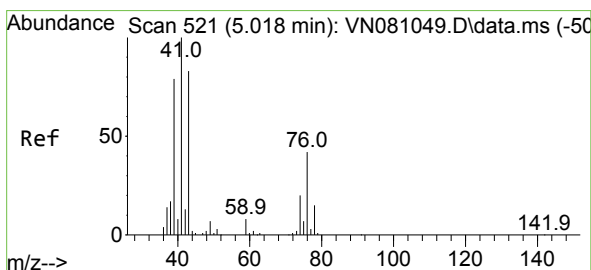
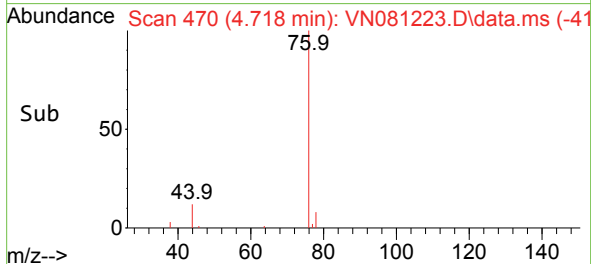
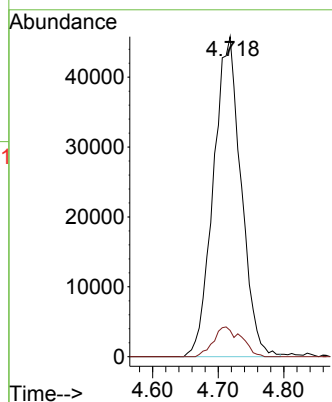
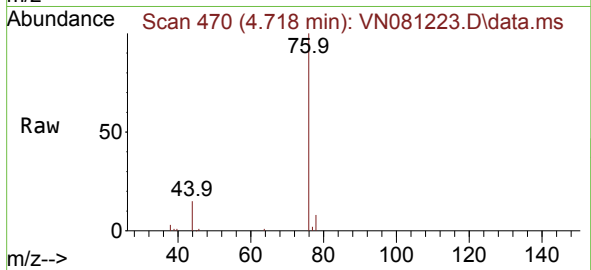




#17
Carbon Disulfide
Concen: 17.235 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

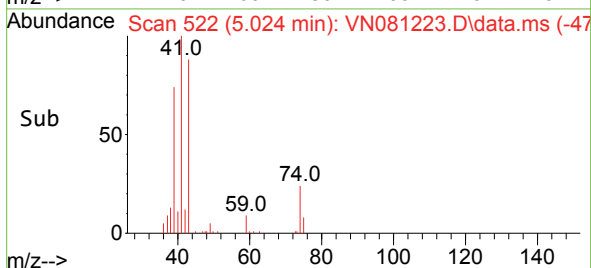
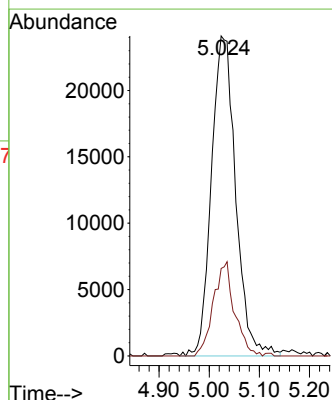
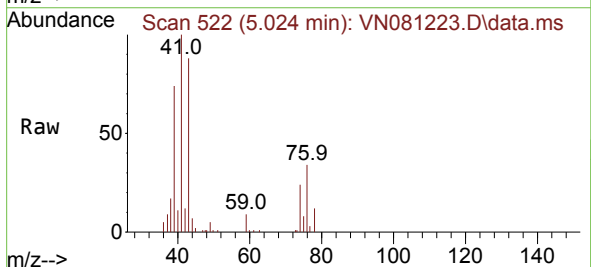
Instrument :
MSVOA_N
ClientSampleId :
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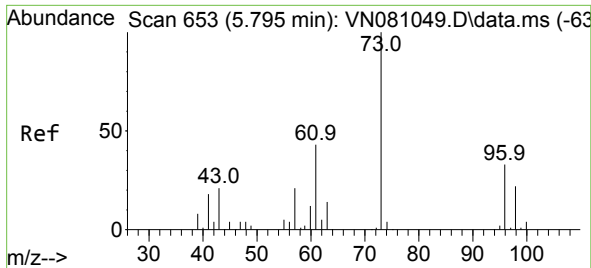
Tgt Ion: 76 Resp: 134174
Ion Ratio Lower Upper
76 100
78 8.2 6.3 9.5



#18
Methyl Acetate
Concen: 27.969 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 43 Resp: 81216
Ion Ratio Lower Upper
43 100
74 25.6 17.3 25.9

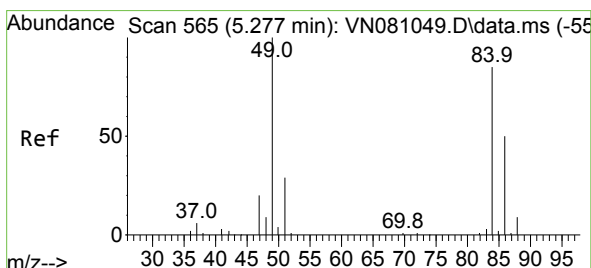
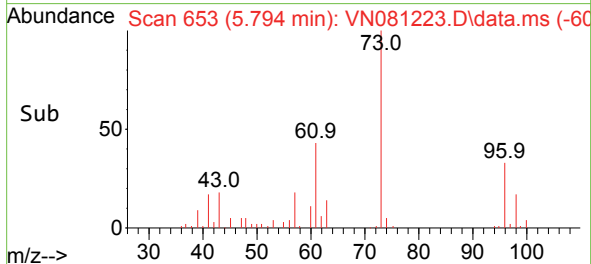
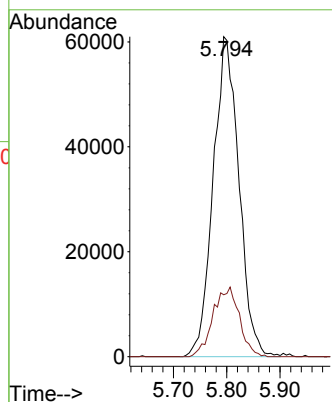
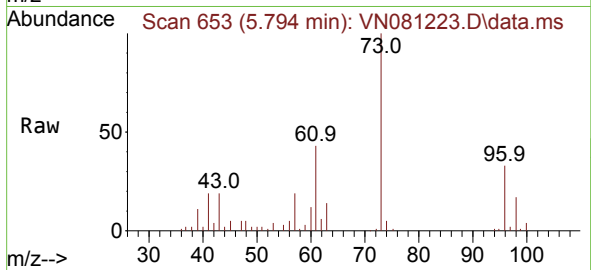




#19
Methyl tert-butyl Ether
Concen: 21.370 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

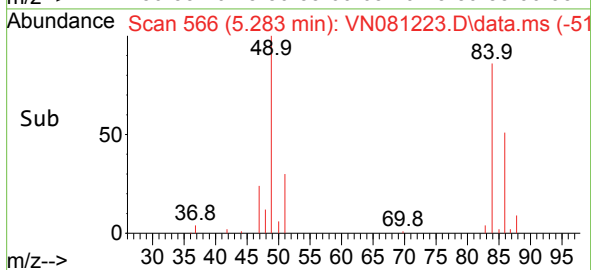
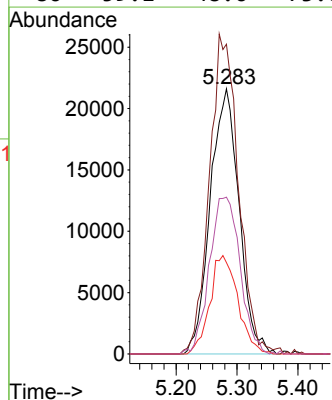
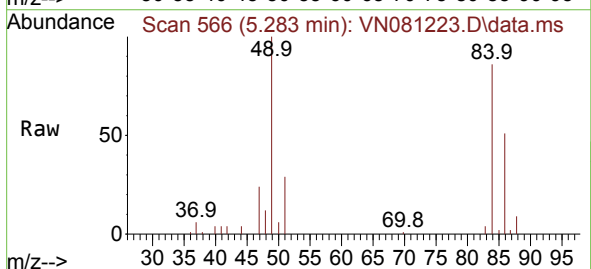
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

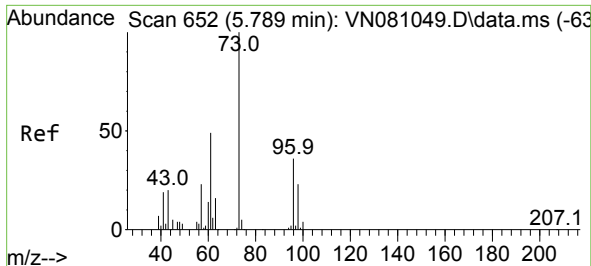
Tgt Ion: 73 Resp: 204284
Ion Ratio Lower Upper
73 100
57 19.3 18.2 27.4



#20
Methylene Chloride
Concen: 22.572 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 84 Resp: 71078
Ion Ratio Lower Upper
84 100
49 116.8 108.1 162.1
51 34.5 32.9 49.3
86 59.1 48.6 73.0

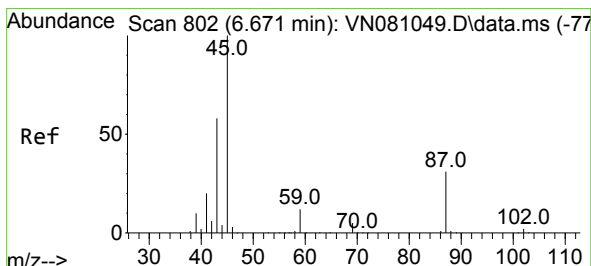
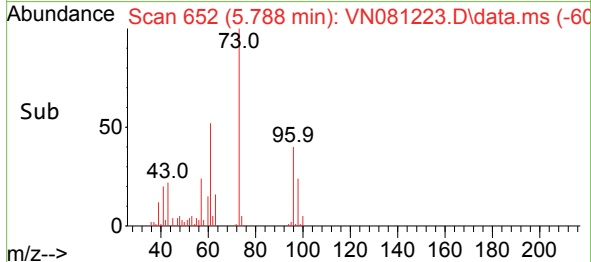
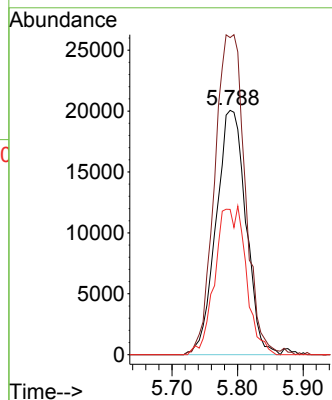
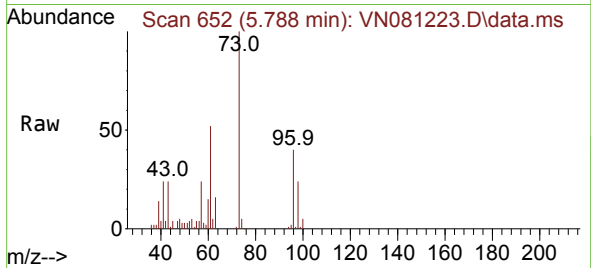




#21
trans-1,2-Dichloroethene
Concen: 20.324 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

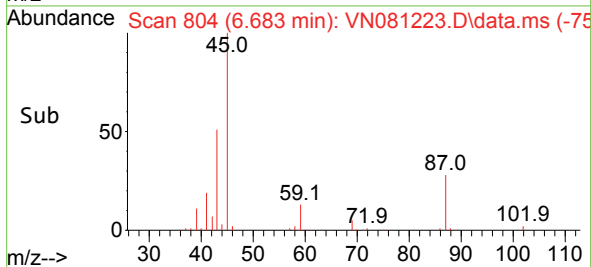
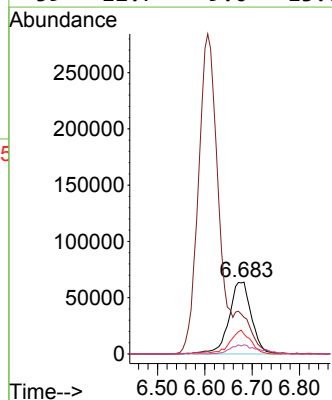
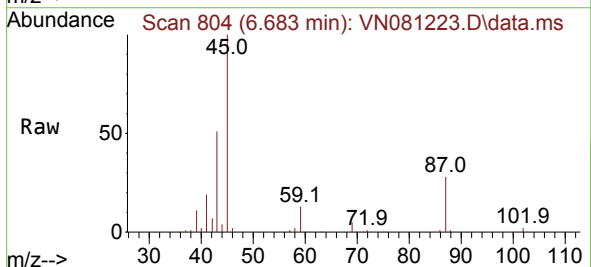
Instrument :
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ClientSampleId :
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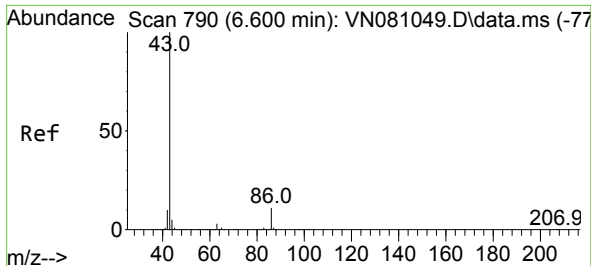
Tgt Ion: 96 Resp: 63288
Ion Ratio Lower Upper
96 100
61 129.8 112.8 169.2
98 59.4 51.0 76.4



#22
Diisopropyl ether
Concen: 22.365 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 45 Resp: 210098
Ion Ratio Lower Upper
45 100
43 49.5 41.8 62.8
87 27.6 18.1 27.1#
59 12.7 9.0 13.6

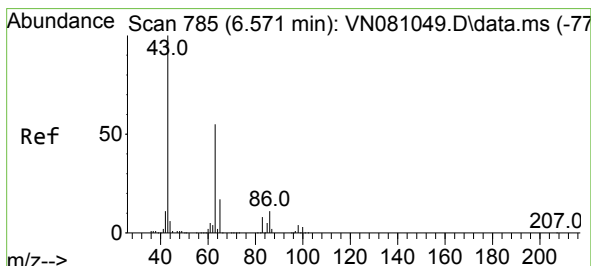
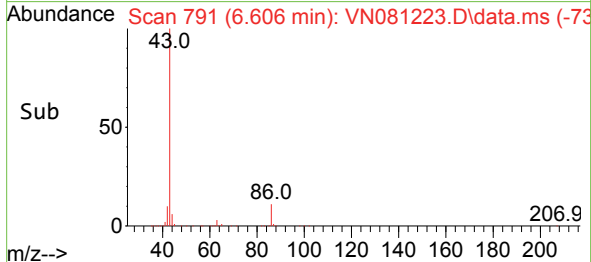
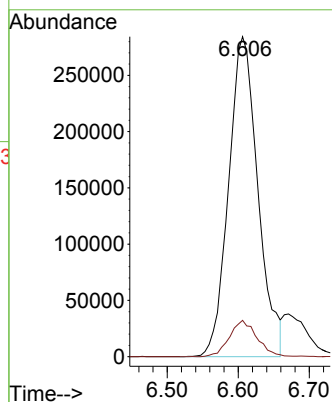
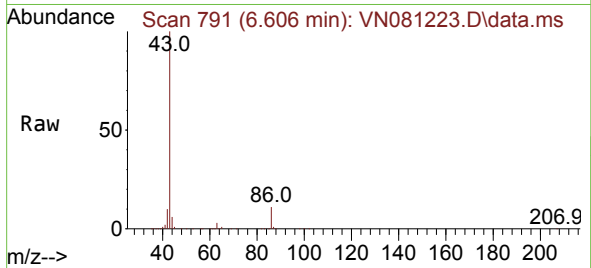




#23
 Vinyl Acetate
 Concen: 107.051 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

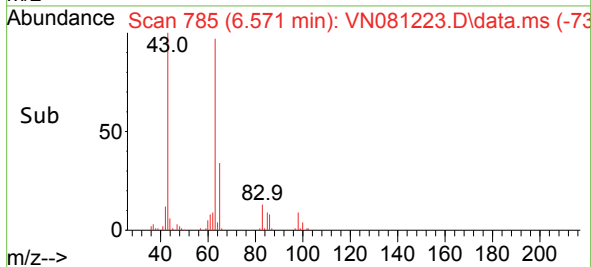
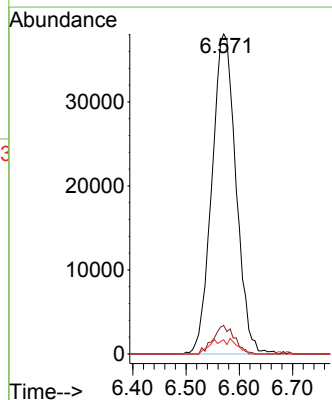
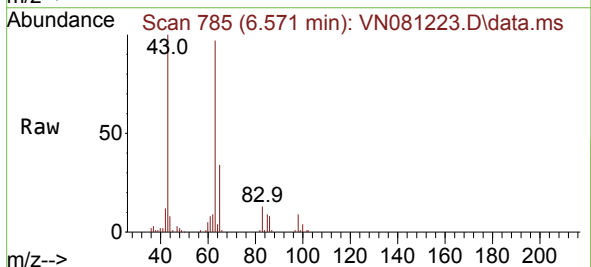
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

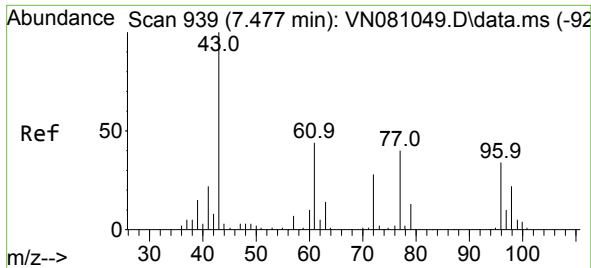
Tgt Ion: 43 Resp: 815929
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.018 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion: 63 Resp: 119599
 Ion Ratio Lower Upper
 63 100
 98 8.9 2.9 8.6#
 100 4.4 1.9 5.7

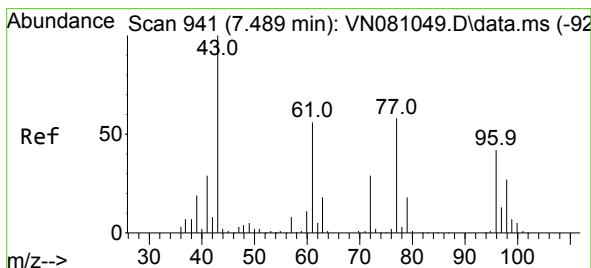
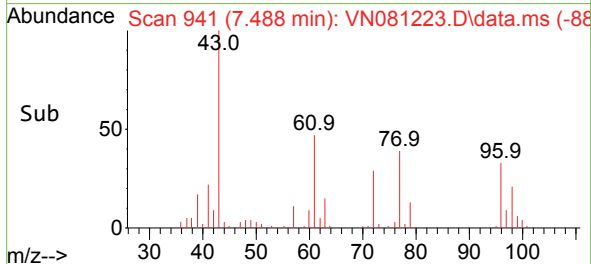
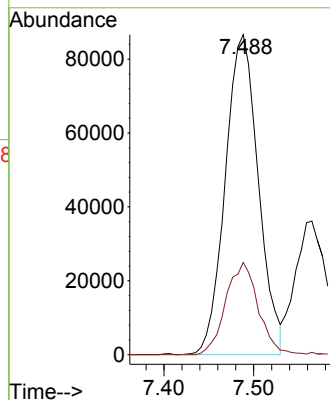
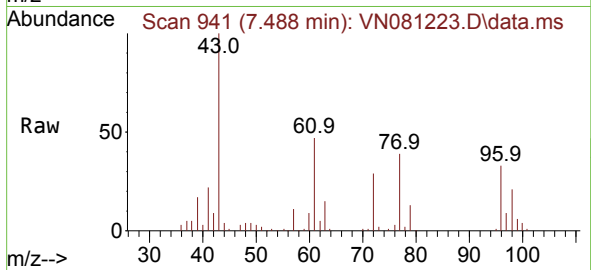




#25
2-Butanone
Concen: 115.490 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

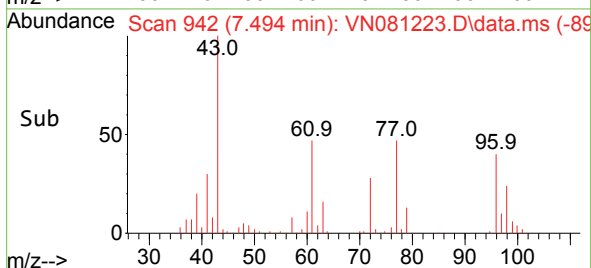
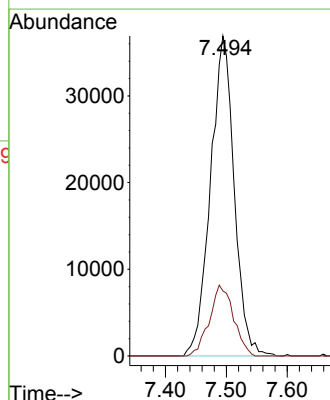
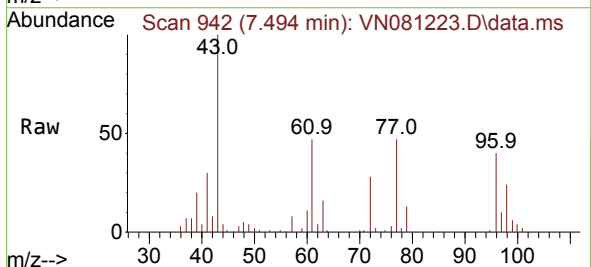
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

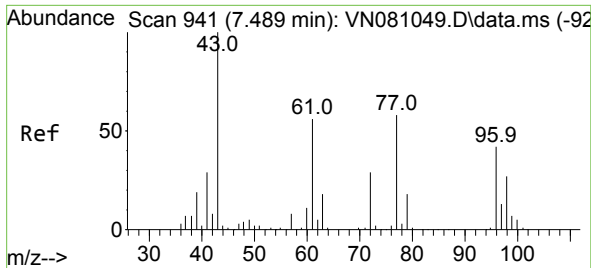
Tgt Ion: 43 Resp: 222089
Ion Ratio Lower Upper
43 100
72 28.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.609 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 77 Resp: 99799
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5



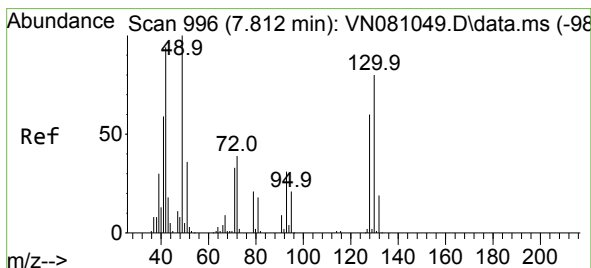
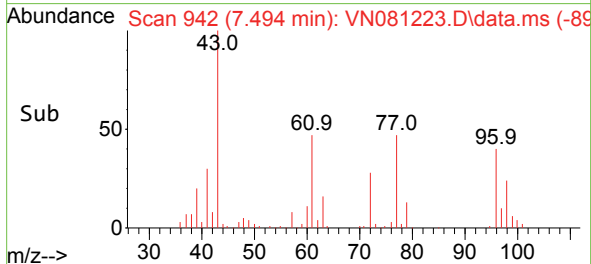
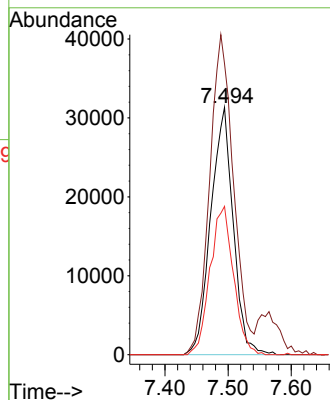
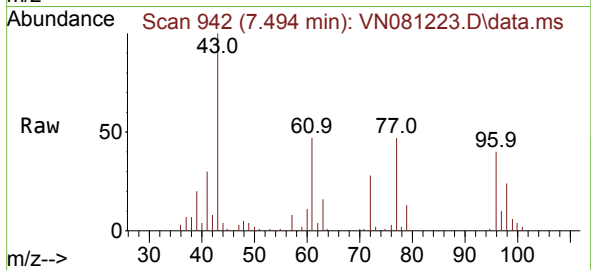


#27
 cis-1,2-Dichloroethene
 Concen: 21.392 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Tgt Ion: 96 Resp: 77397

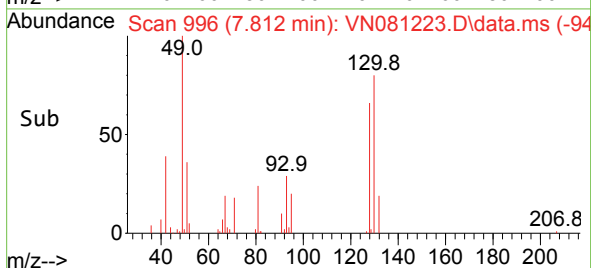
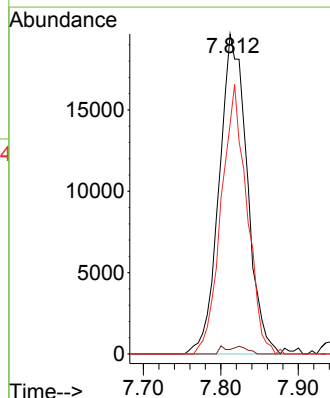
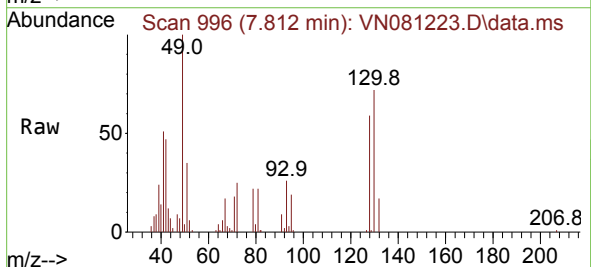
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	325.4
98	62.6	0.0	130.4

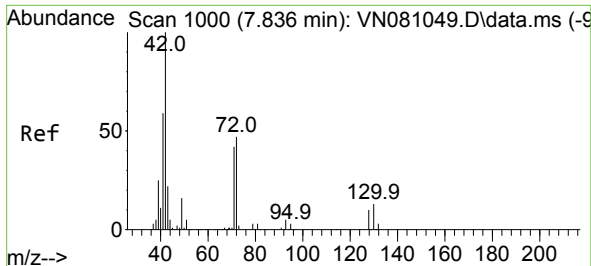


#28
 Bromochloromethane
 Concen: 21.910 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion: 49 Resp: 49340

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	1.6
130	77.5	42.3	63.5





#29

Tetrahydrofuran

Concen: 116.776 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

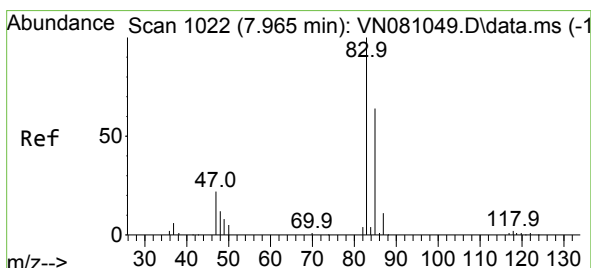
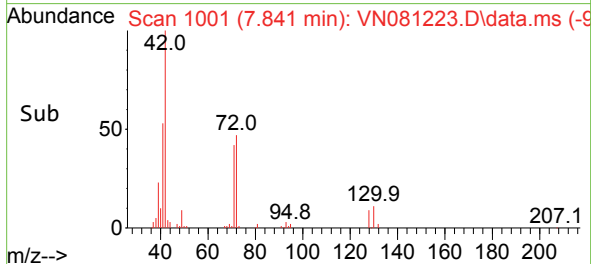
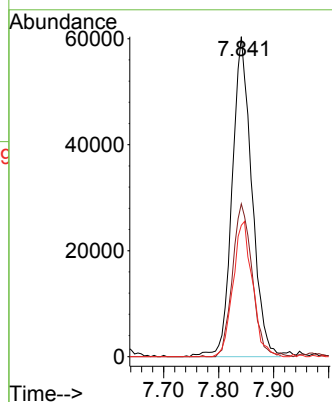
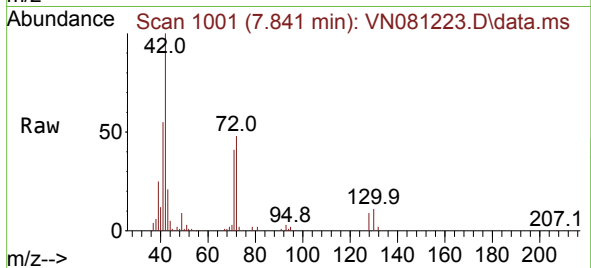
Tgt Ion: 42 Resp: 149905

Ion Ratio Lower Upper

42 100

72 47.9 31.1 46.7#

71 42.0 28.3 42.5



#30

Chloroform

Concen: 22.754 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081223.D

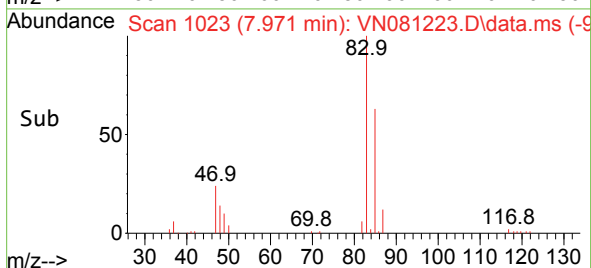
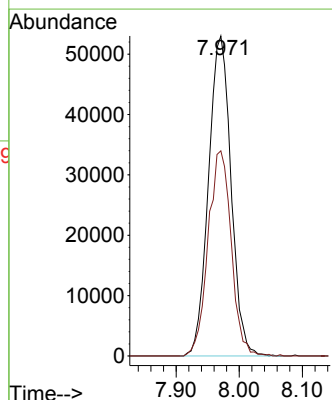
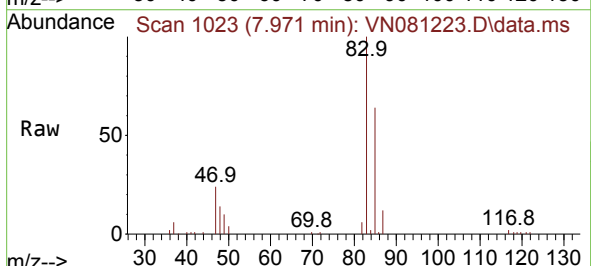
Acq: 27 Feb 2024 16:47

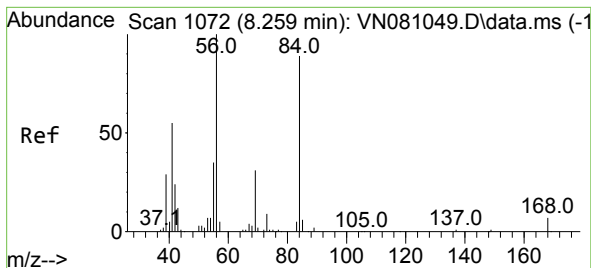
Tgt Ion: 83 Resp: 131390

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6





#31

Cyclohexane

Concen: 19.673 ug/l

RT: 8.265 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

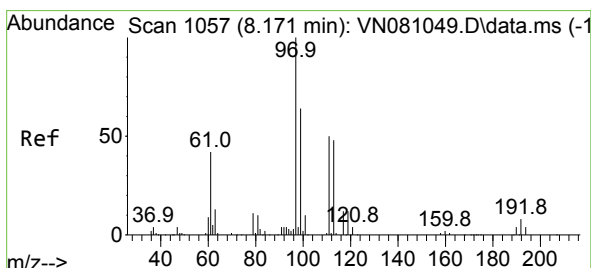
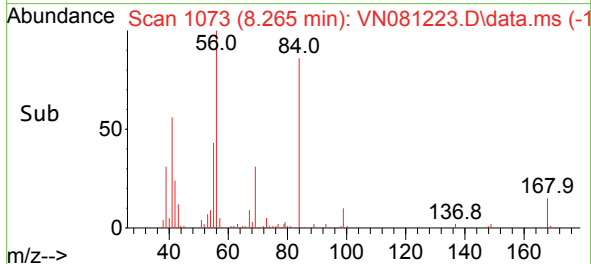
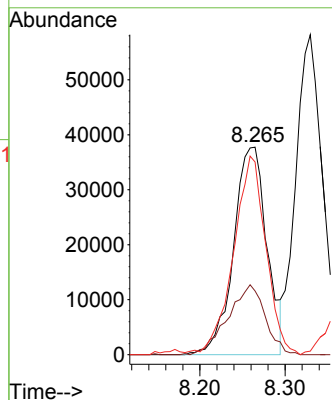
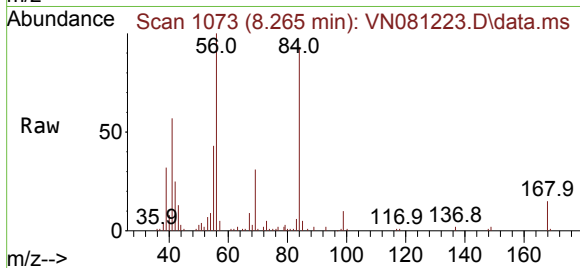
Tgt Ion: 56 Resp: 102759

Ion Ratio Lower Upper

56 100

69 30.3 20.1 30.1#

84 91.4 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 22.331 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

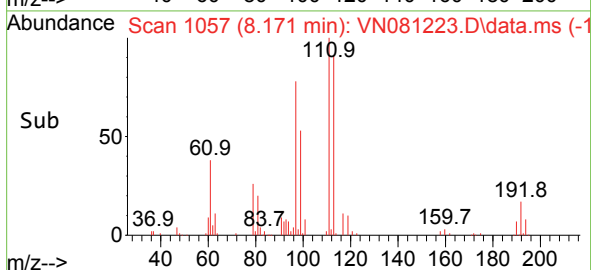
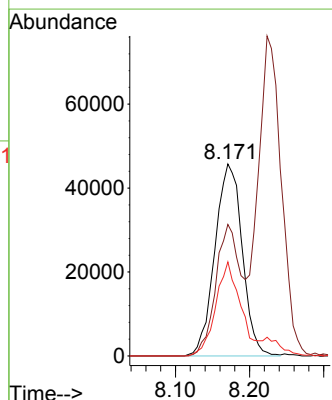
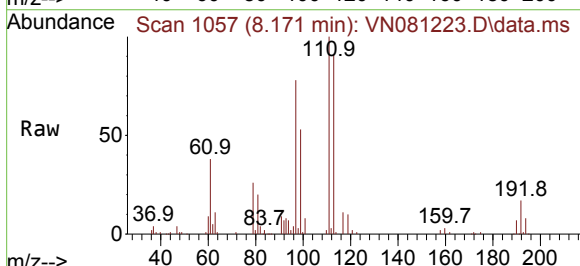
Tgt Ion: 97 Resp: 117441

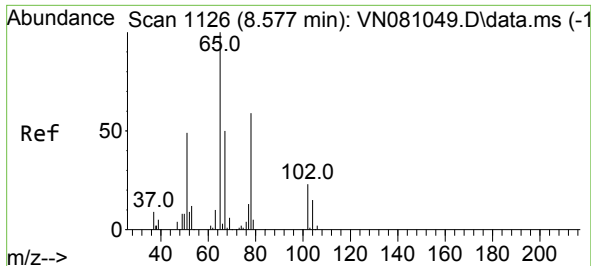
Ion Ratio Lower Upper

97 100

99 62.2 53.4 80.0

61 44.7 43.8 65.8

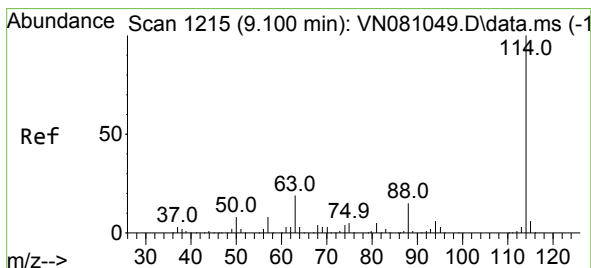
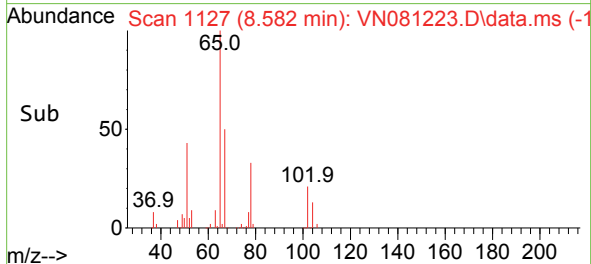
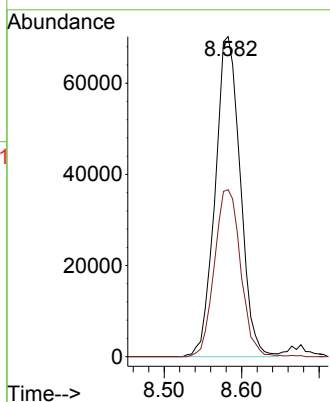
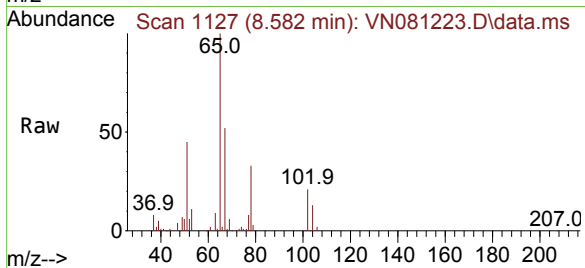




#33
1,2-Dichloroethane-d4
Concen: 52.350 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

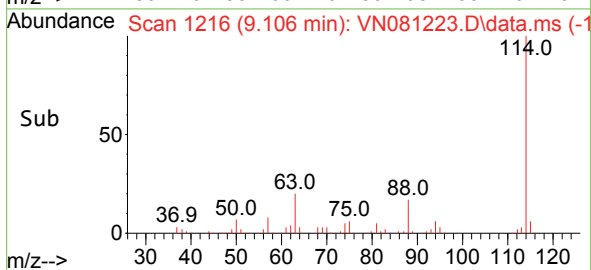
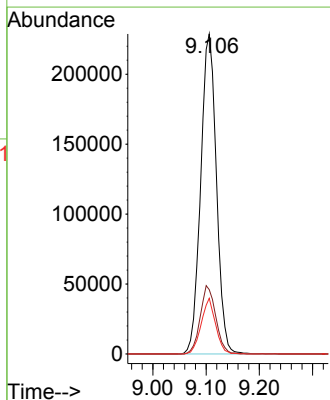
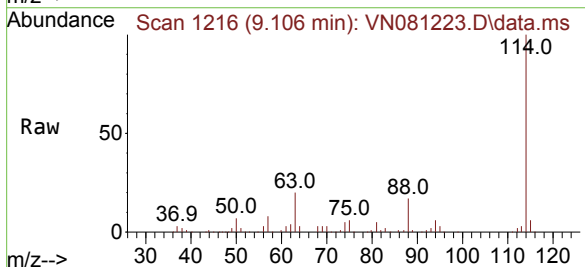
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

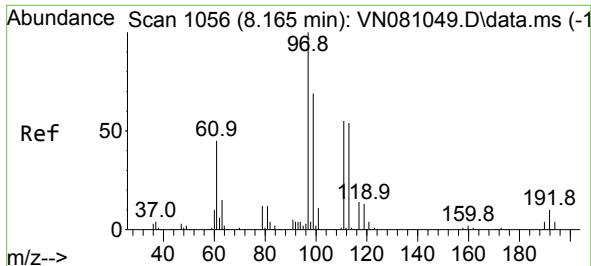
Tgt Ion: 65 Resp: 158367
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 114 Resp: 469477
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 17.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.344 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

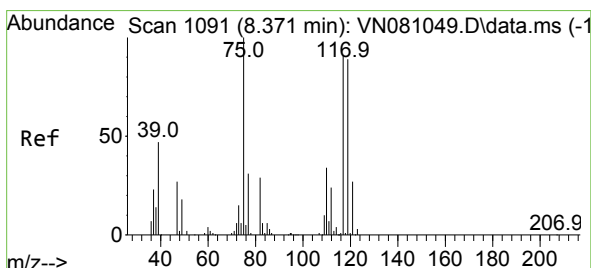
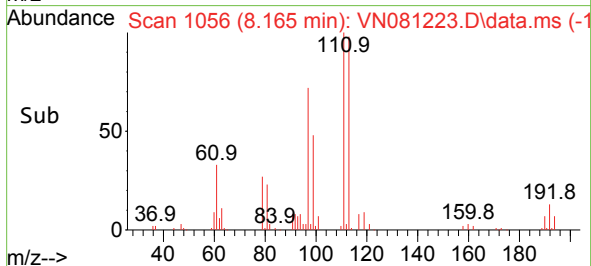
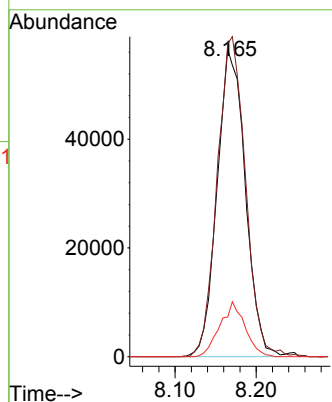
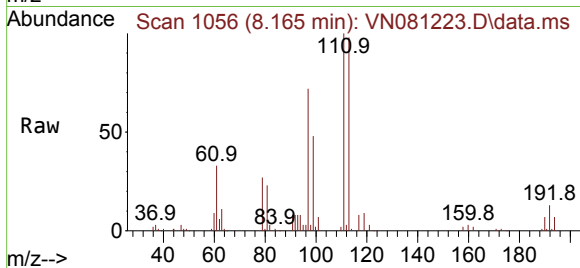
Tgt Ion:113 Resp: 136305

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 15.9 12.5 18.7



#36

1,1-Dichloropropene

Concen: 19.875 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

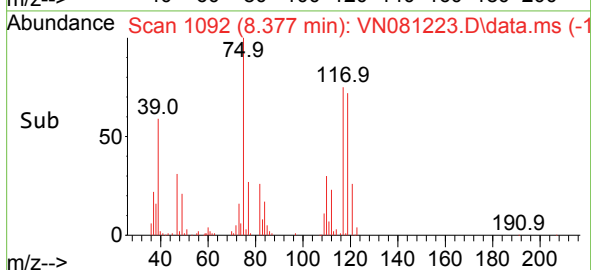
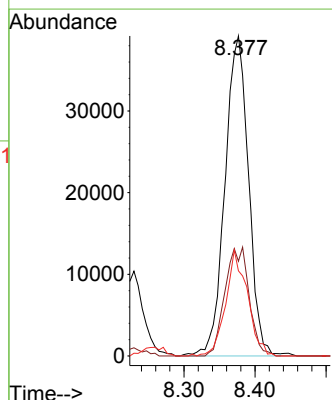
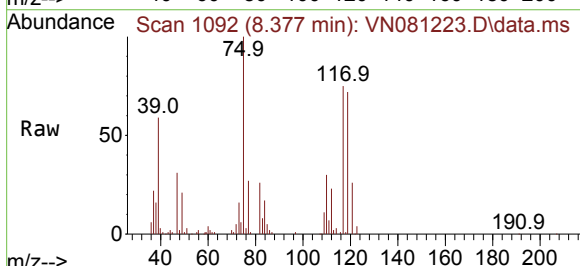
Tgt Ion: 75 Resp: 90394

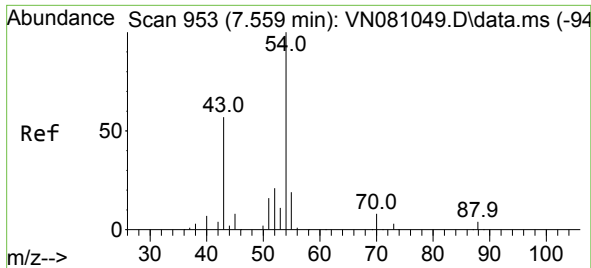
Ion Ratio Lower Upper

75 100

110 34.9 16.0 48.0

77 30.6 25.8 38.6

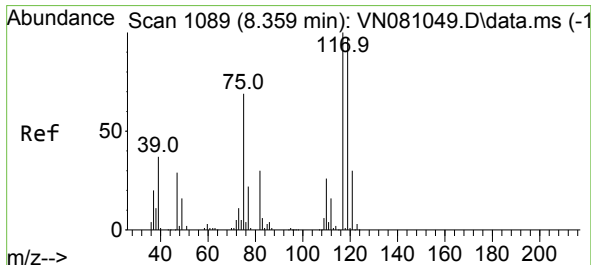
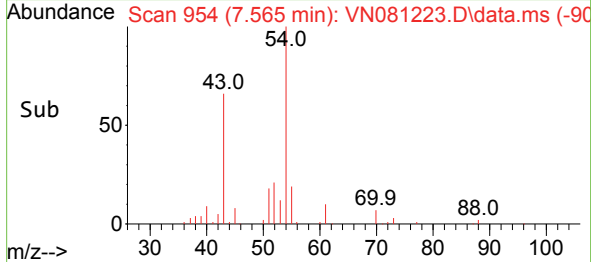
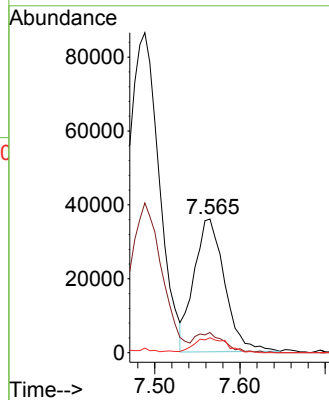
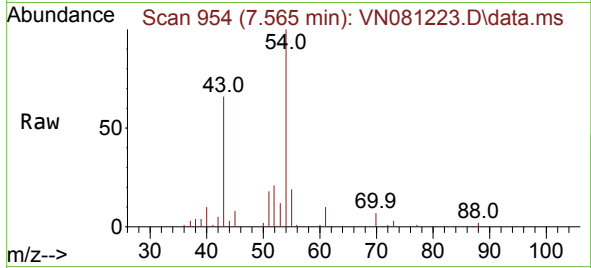




#37
Ethyl Acetate
Concen: 21.869 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

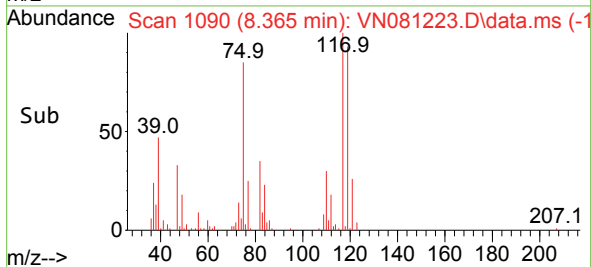
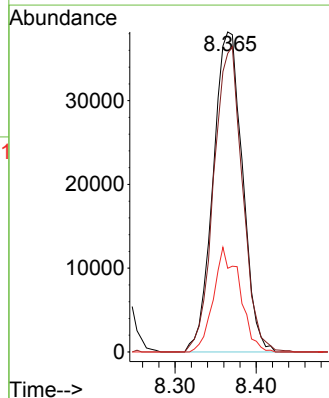
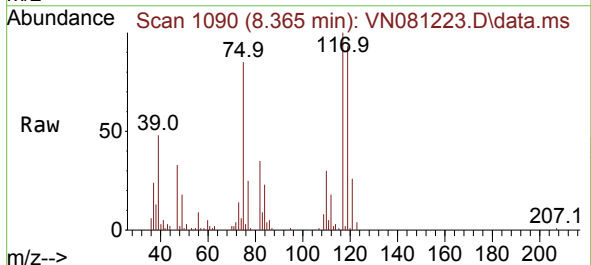
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

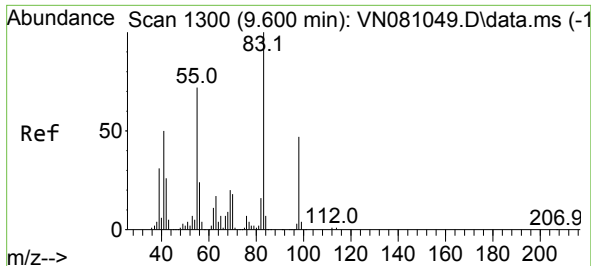
Tgt Ion: 43	Resp:	89766
Ion	Ratio	Lower Upper
43	100	
61	14.2	10.6 15.8
70	11.8	8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.806 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 117	Resp:	95738
Ion	Ratio	Lower Upper
117	100	
119	93.3	73.4 110.2
121	26.2	24.4 36.6





#39

Methylcyclohexane

Concen: 18.957 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

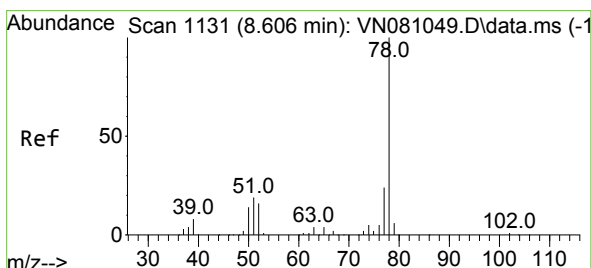
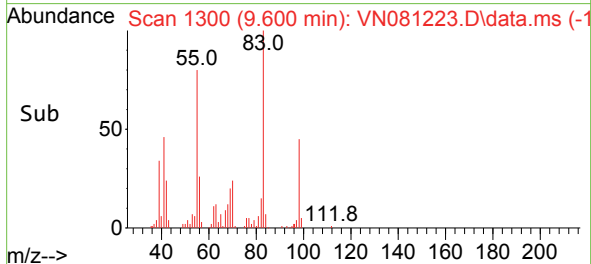
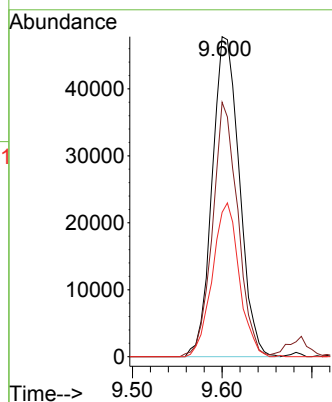
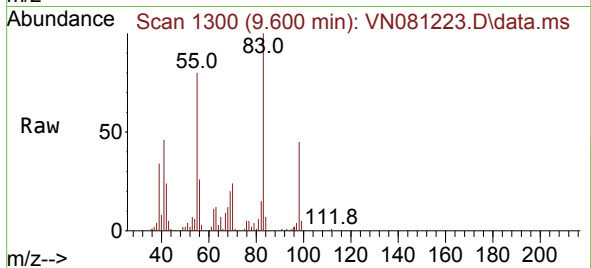
Tgt Ion: 83 Resp: 100509

Ion Ratio Lower Upper

83 100

55 79.5 65.7 98.5

98 45.1 33.8 50.6



#40

Benzene

Concen: 21.264 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081223.D

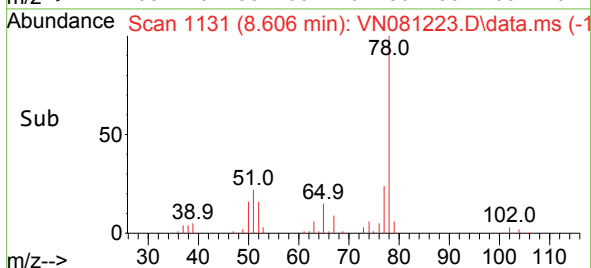
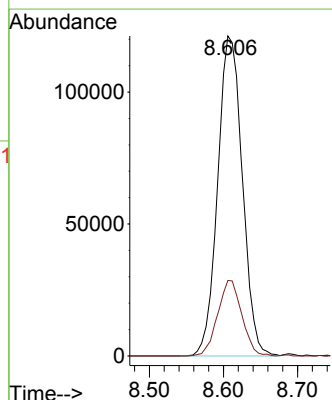
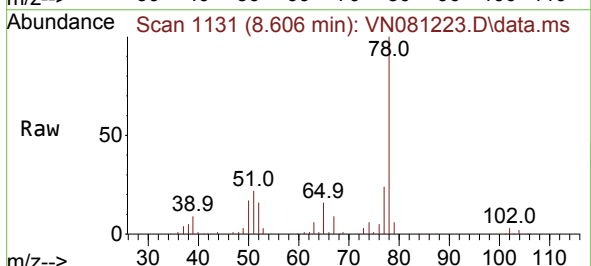
Acq: 27 Feb 2024 16:47

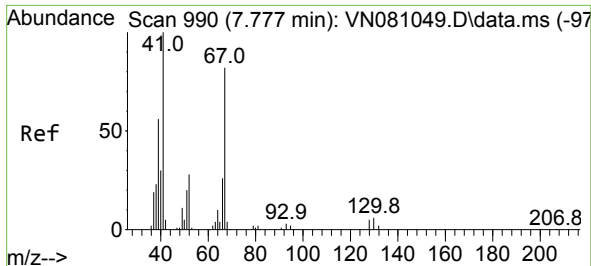
Tgt Ion: 78 Resp: 279929

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

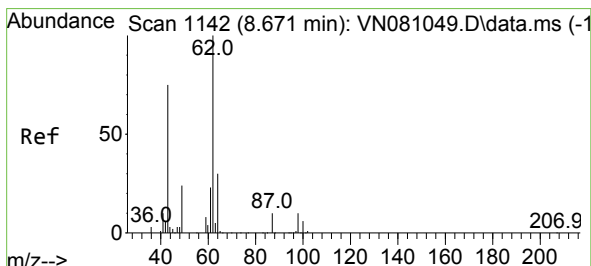
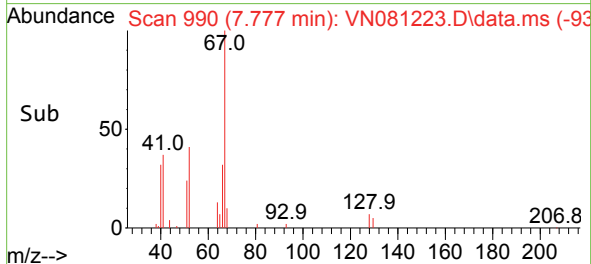
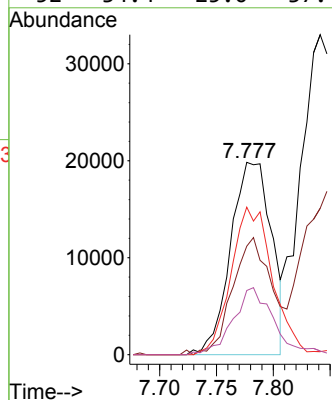
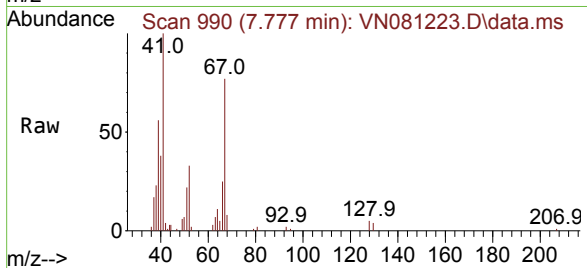




#41
Methacrylonitrile
Concen: 21.272 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

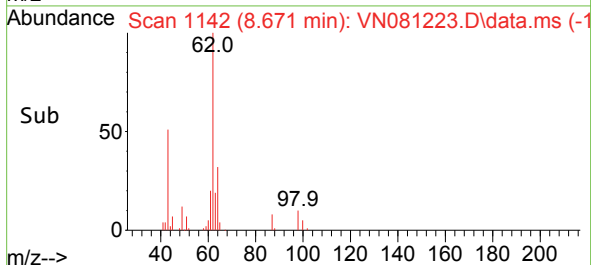
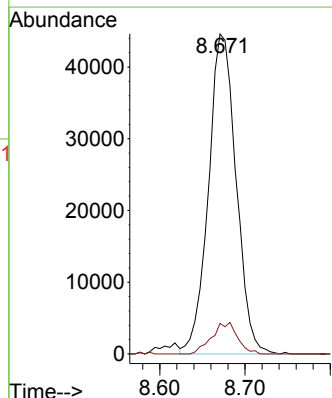
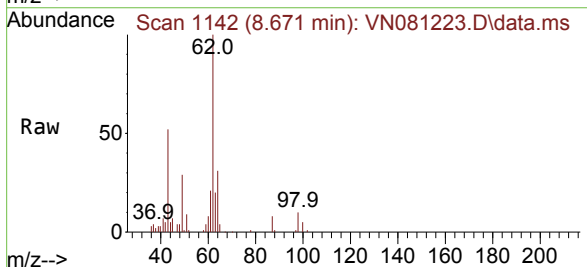
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

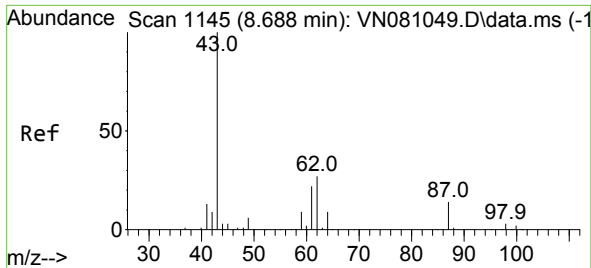
Tgt Ion:	41	Resp:	49694
Ion	Ratio	Lower	Upper
41	100		
39	59.6	48.4	72.6
67	78.3	56.8	85.2
52	34.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.953 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:	62	Resp:	100828
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

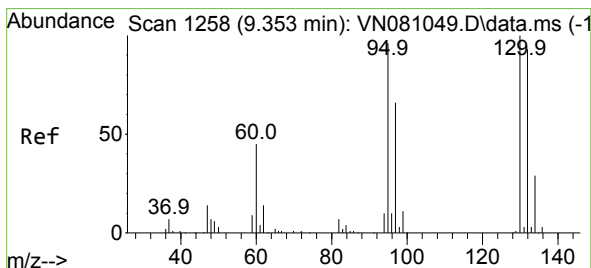
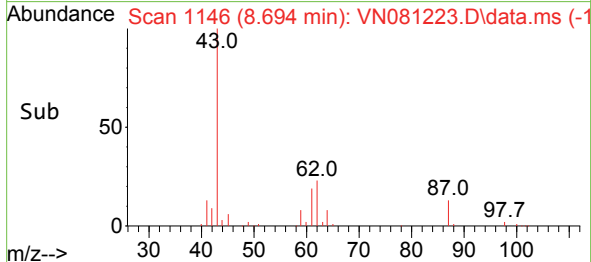
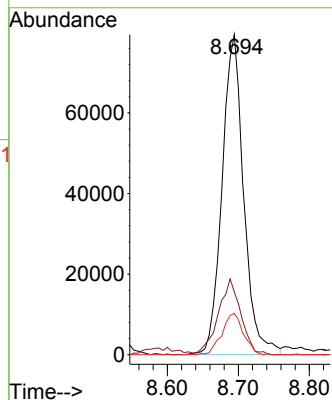
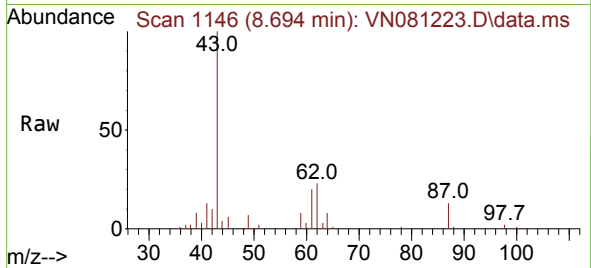




#43
Isopropyl Acetate
Concen: 23.394 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

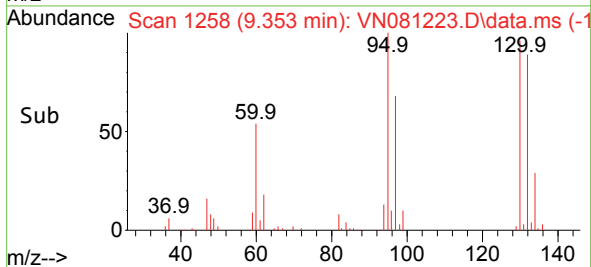
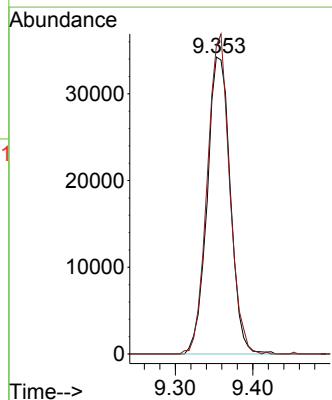
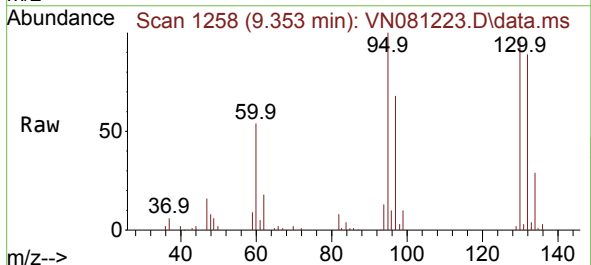
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

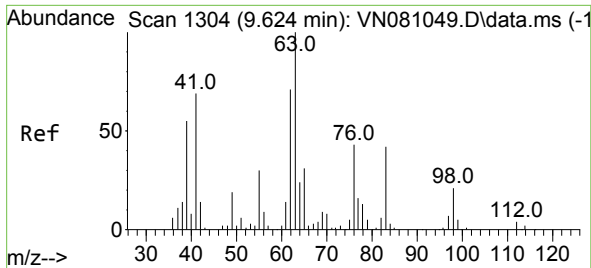
Tgt Ion: 43 Resp: 167943
Ion Ratio Lower Upper
43 100
61 24.8 19.9 29.9
87 12.8 9.0 13.6



#44
Trichloroethene
Concen: 20.247 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:130 Resp: 70993
Ion Ratio Lower Upper
130 100
95 103.7 0.0 210.4

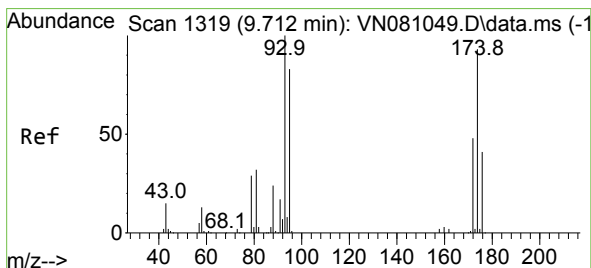
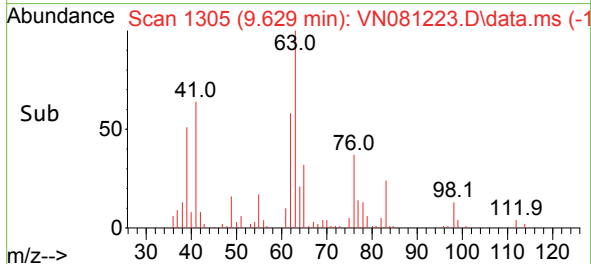
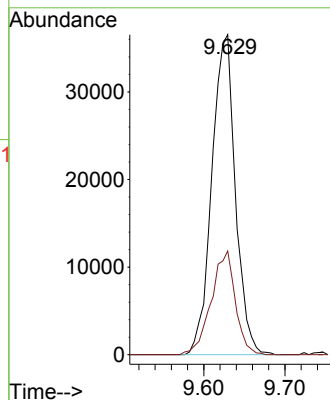
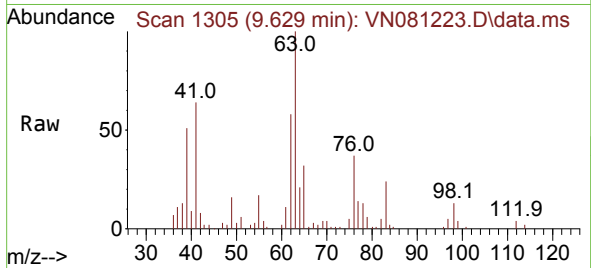




#45
1,2-Dichloropropane
Concen: 22.396 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

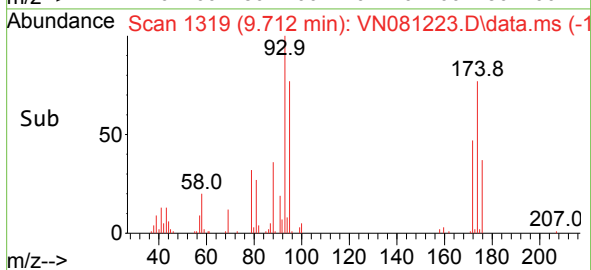
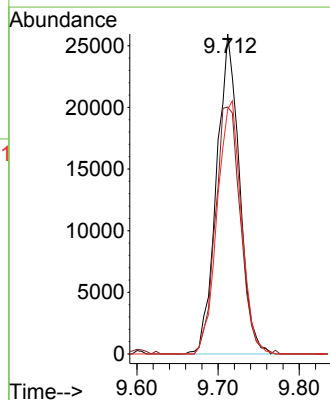
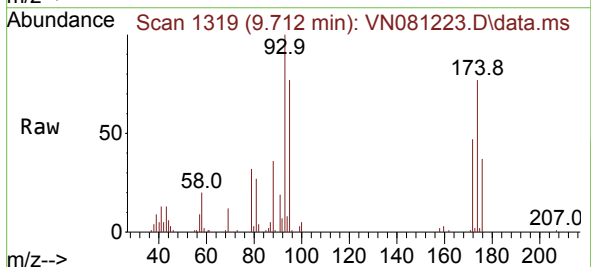
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

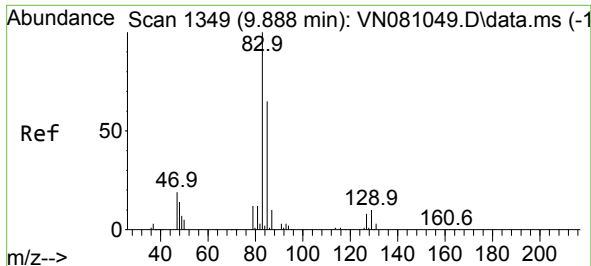
Tgt Ion: 63 Resp: 73751
Ion Ratio Lower Upper
63 100
65 32.4 26.1 39.1



#46
Dibromomethane
Concen: 21.153 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 93 Resp: 50754
Ion Ratio Lower Upper
93 100
95 84.8 68.1 102.1
174 83.6 57.2 85.8

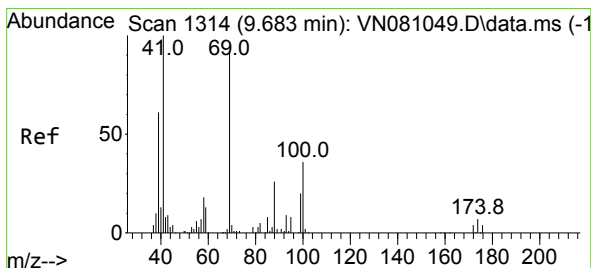
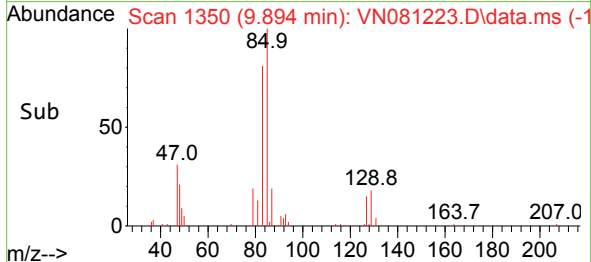
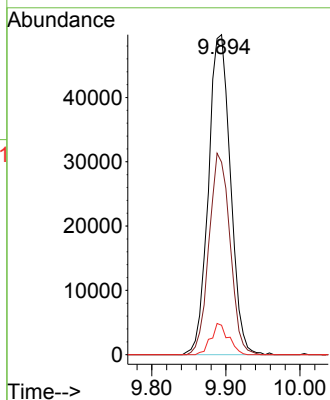
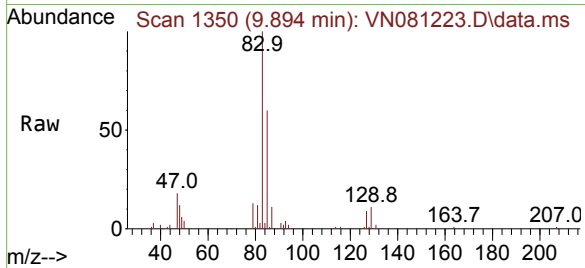




#47
Bromodichloromethane
Concen: 22.575 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

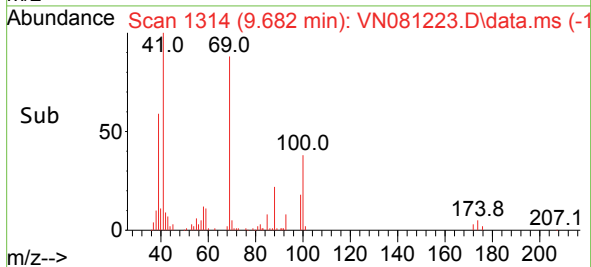
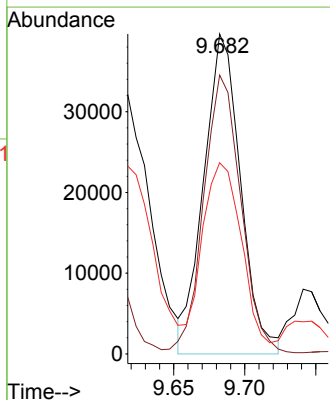
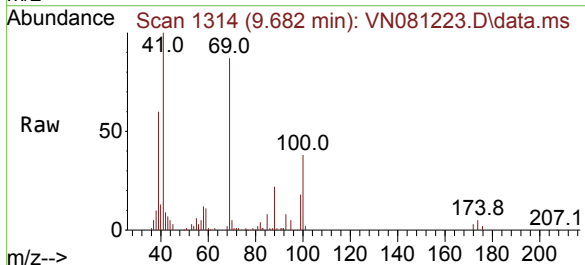
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

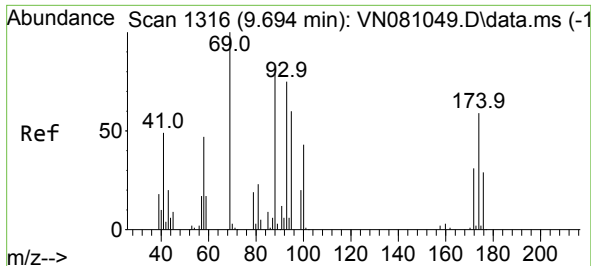
Tgt Ion: 83 Resp: 102588
Ion Ratio Lower Upper
83 100
85 60.2 52.3 78.5
127 9.2 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.429 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 41 Resp: 71581
Ion Ratio Lower Upper
41 100
69 87.3 62.2 93.2
39 65.4 47.6 71.4





#49

1,4-Dioxane

Concen: 497.045 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

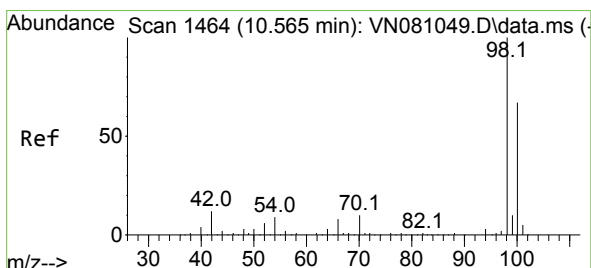
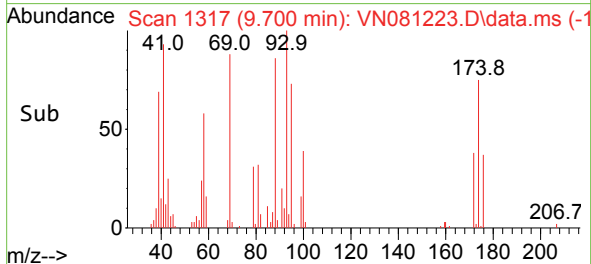
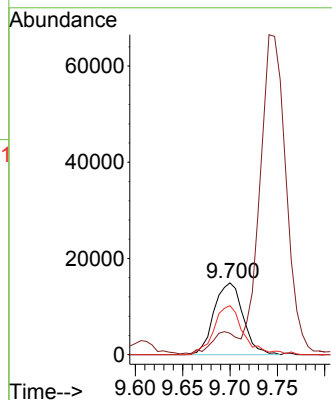
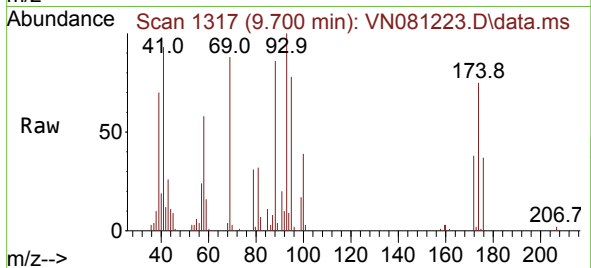
Tgt Ion: 88 Resp: 31788

Ion Ratio Lower Upper

88 100

43 30.5 30.1 45.1

58 69.4 63.9 95.9



#50

Toluene-d8

Concen: 48.648 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081223.D

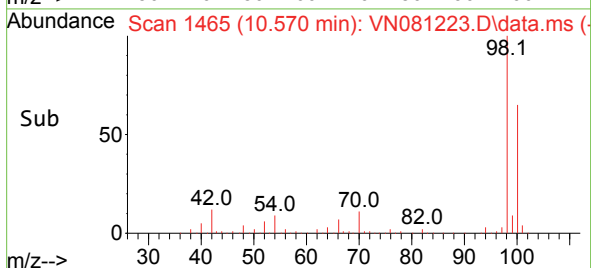
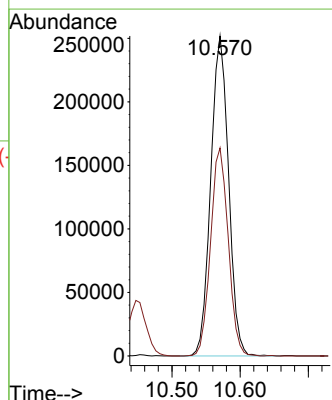
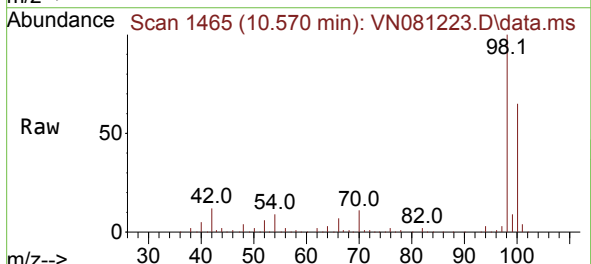
Acq: 27 Feb 2024 16:47

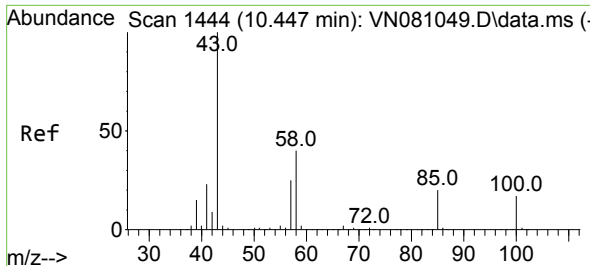
Tgt Ion: 98 Resp: 458704

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

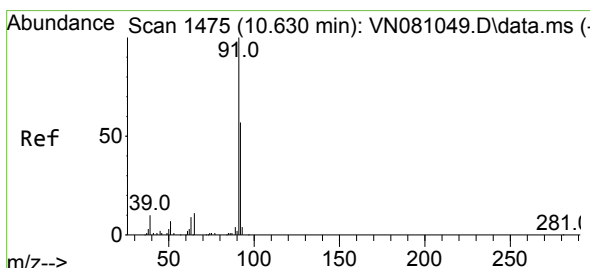
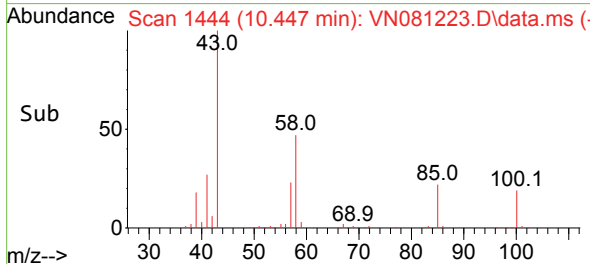
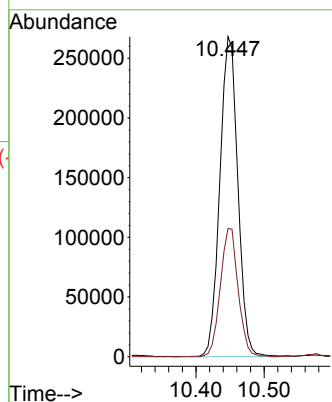
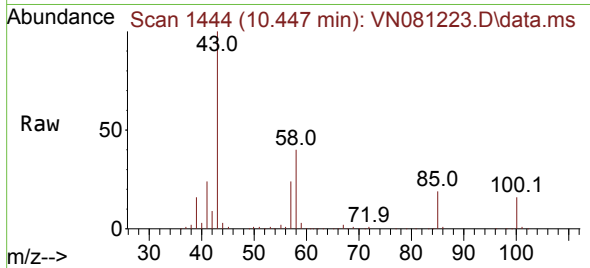




#51
4-Methyl-2-Pentanone
Concen: 119.344 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

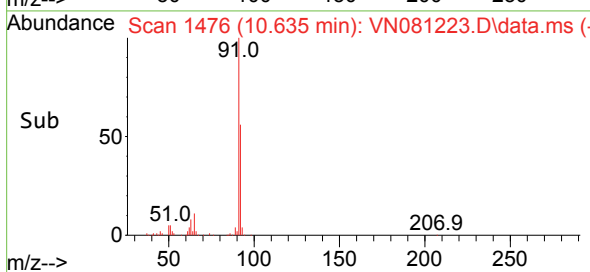
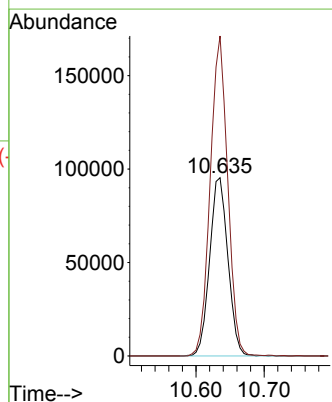
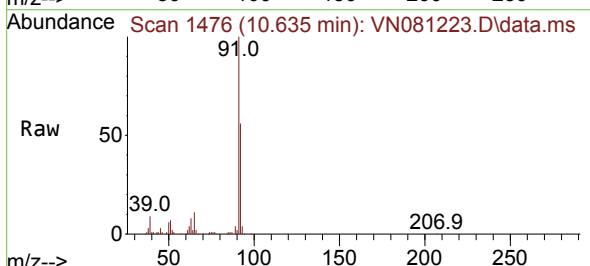
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

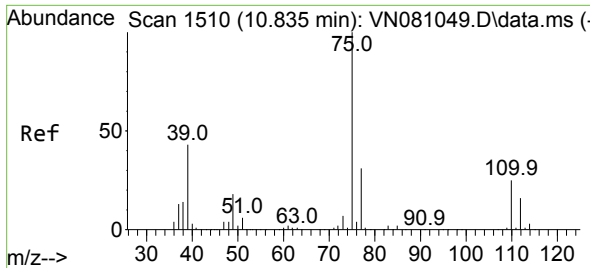
Tgt Ion: 43 Resp: 492855
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 21.353 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 92 Resp: 177959
Ion Ratio Lower Upper
92 100
91 171.4 139.4 209.0

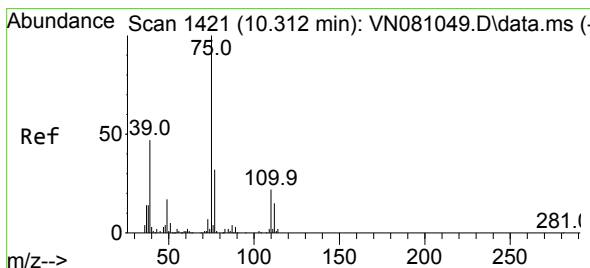
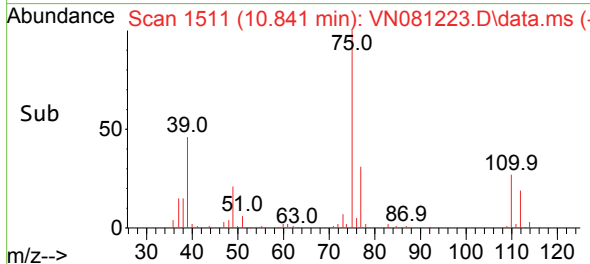
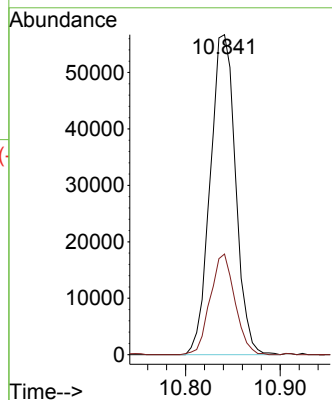
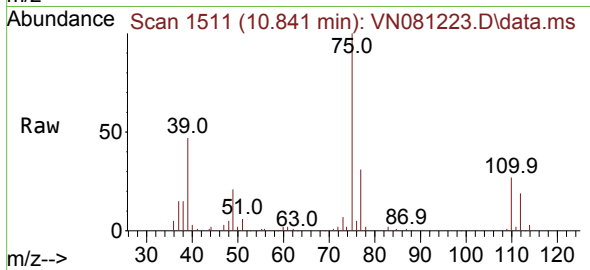




#53
 t-1,3-Dichloropropene
 Concen: 20.883 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

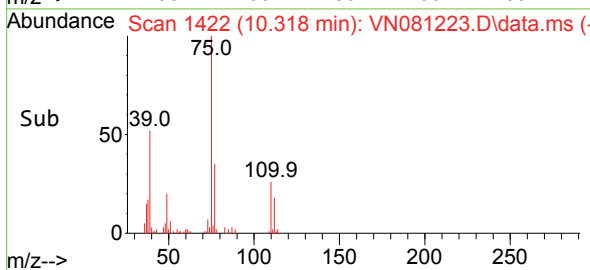
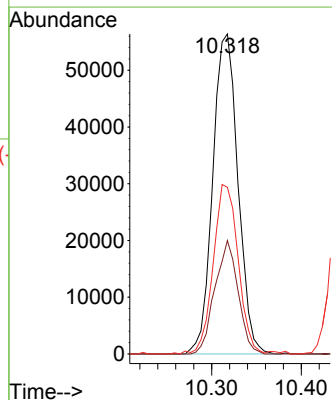
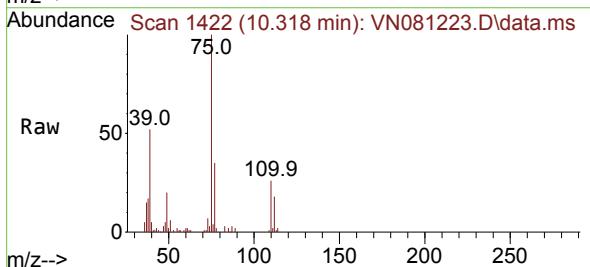
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

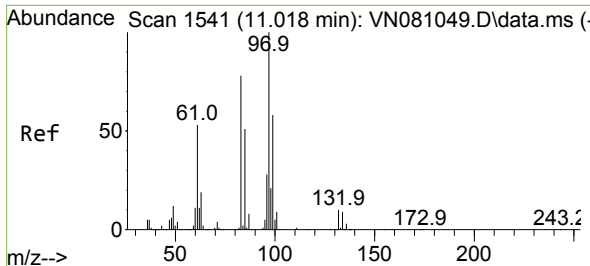
Tgt Ion: 75 Resp: 105454
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.121 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion: 75 Resp: 109780
 Ion Ratio Lower Upper
 75 100
 77 35.5 23.3 34.9#
 39 52.1 44.6 66.8

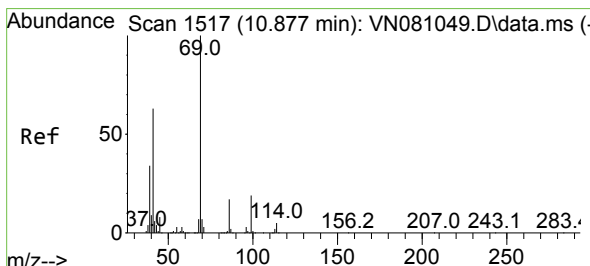
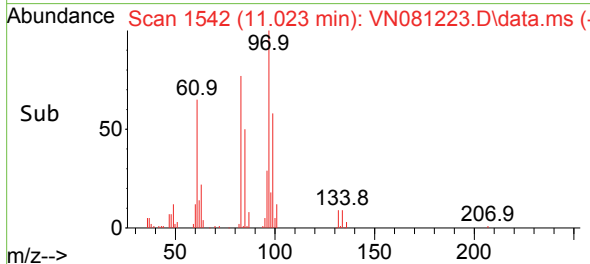
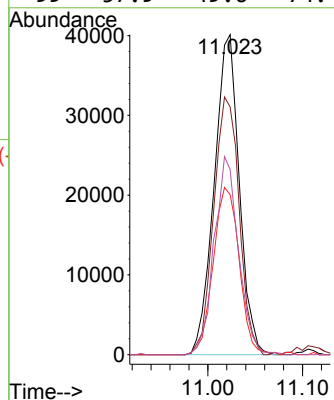
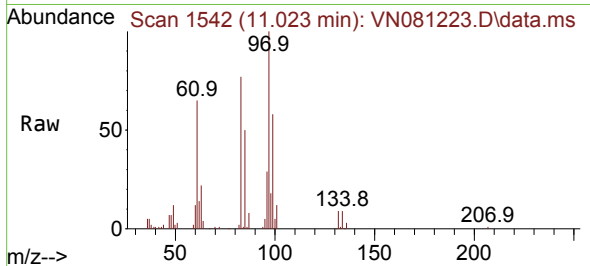




#55
 1,1,2-Trichloroethane
 Concen: 22.988 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

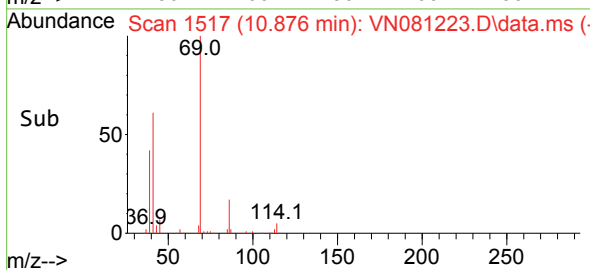
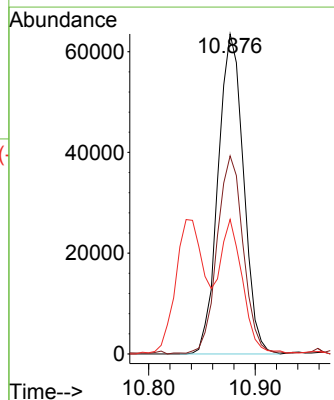
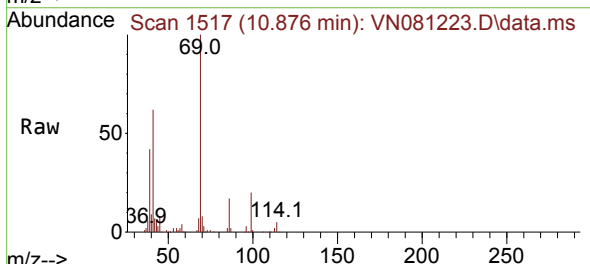
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

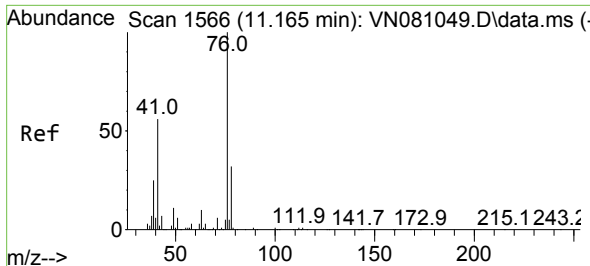
Tgt Ion: 97	Resp: 73686
Ion Ratio	Lower Upper
97 100	
83 77.4	72.9 109.3
85 50.0	50.2 75.2#
99 57.9	49.6 74.4



#56
 Ethyl methacrylate
 Concen: 21.429 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion: 69	Resp: 104981
Ion Ratio	Lower Upper
69 100	
41 63.2	61.0 91.6
39 37.7	31.8 47.6

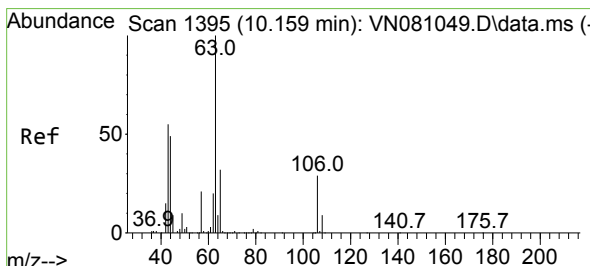
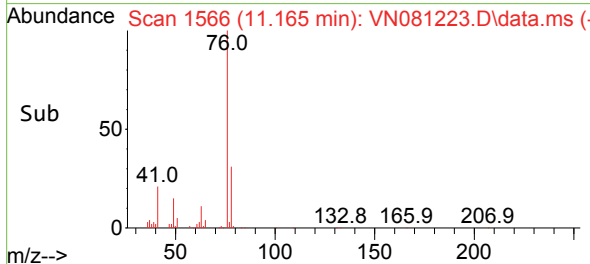
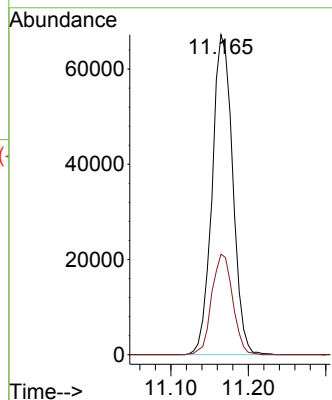
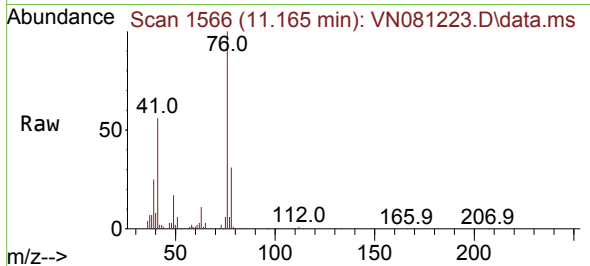




#57
1,3-Dichloropropane
Concen: 22.367 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

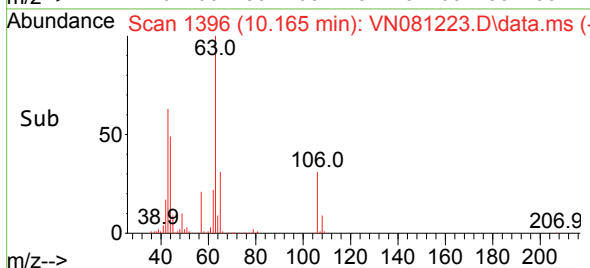
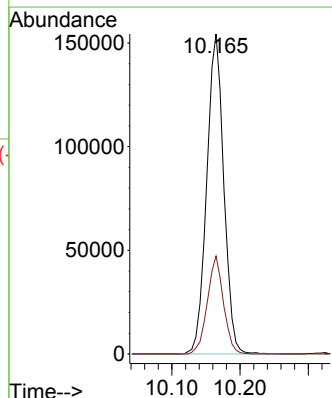
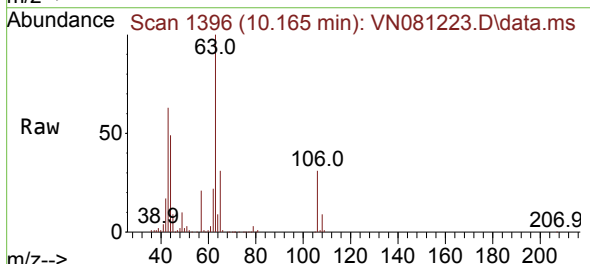
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

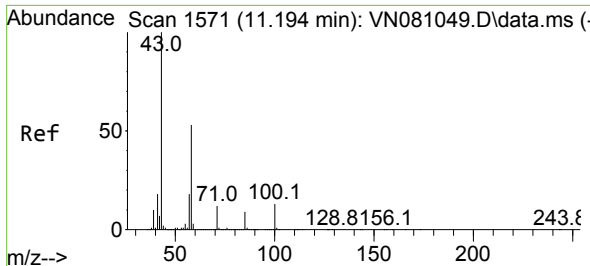
Tgt Ion: 76 Resp: 123968
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 109.131 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 63 Resp: 268251
Ion Ratio Lower Upper
63 100
106 28.9 18.6 28.0#

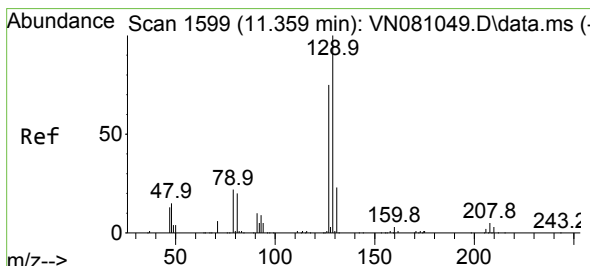
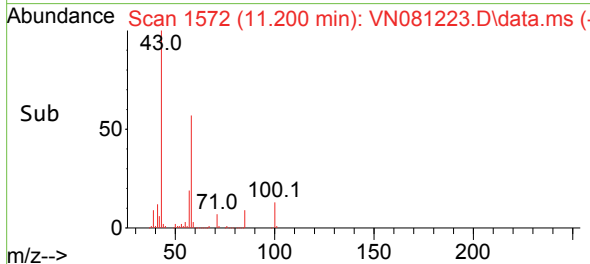
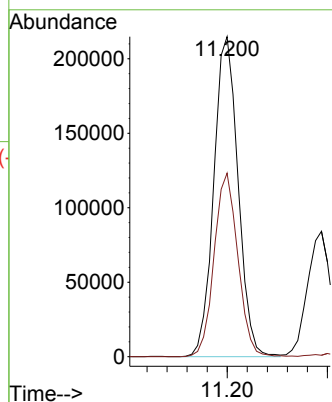
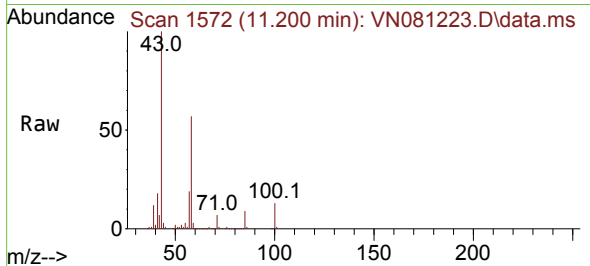




#59
2-Hexanone
Concen: 110.428 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

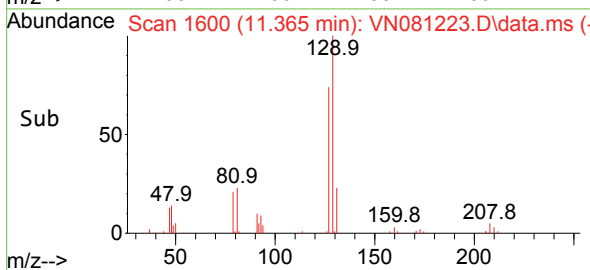
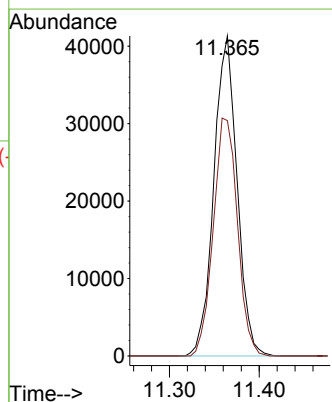
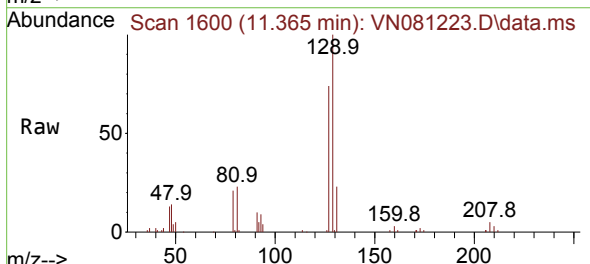
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

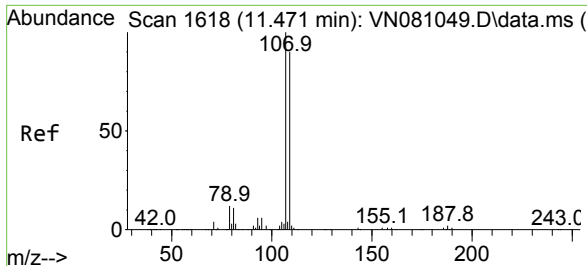
Tgt Ion: 43 Resp: 361546
Ion Ratio Lower Upper
43 100
58 56.0 25.9 77.8



#60
Dibromochloromethane
Concen: 21.820 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 129 Resp: 74303
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2

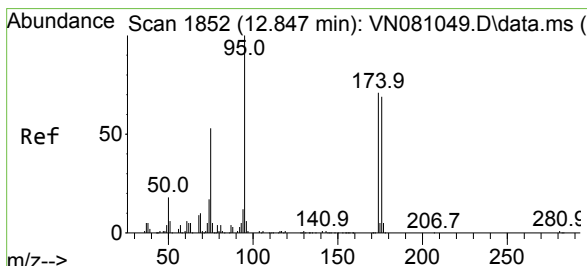
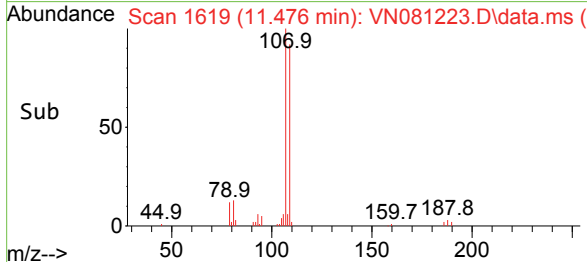
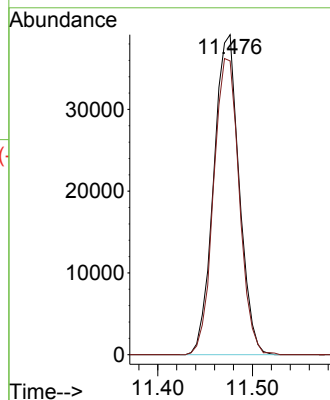
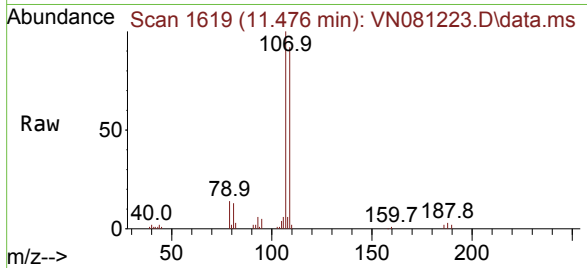




#61
1,2-Dibromoethane
Concen: 21.716 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

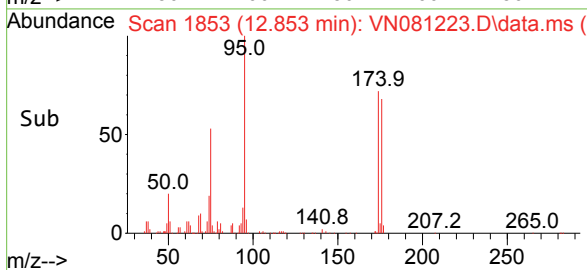
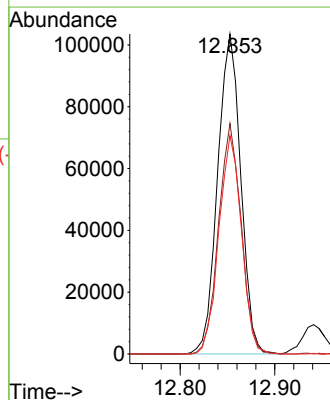
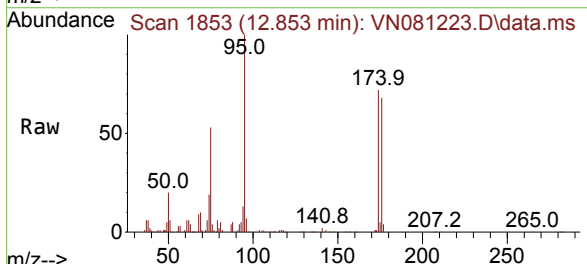
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

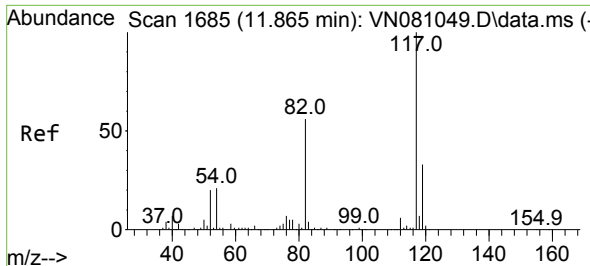
Tgt Ion:107 Resp: 73201
Ion Ratio Lower Upper
107 100
109 93.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.670 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 95 Resp: 175979
Ion Ratio Lower Upper
95 100
174 70.2 0.0 120.4
176 66.6 0.0 121.0

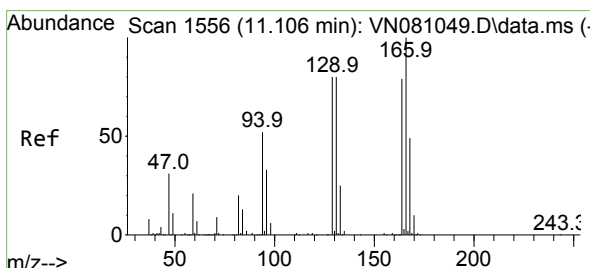
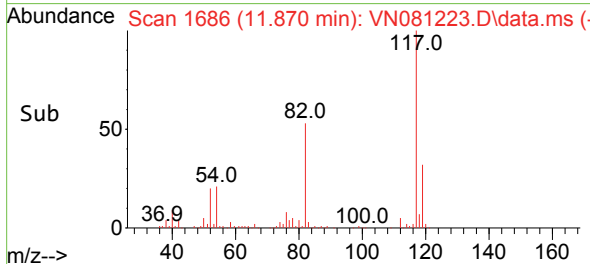
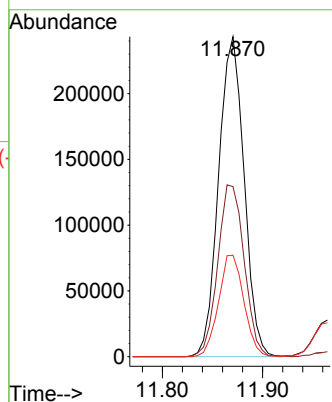
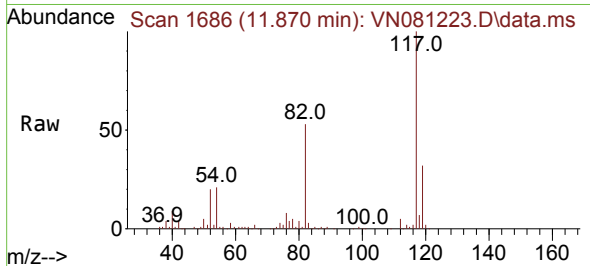




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

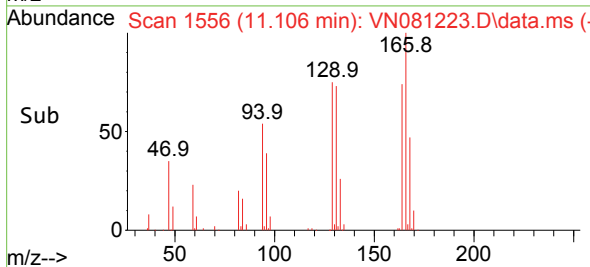
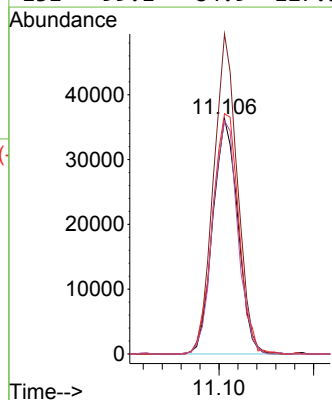
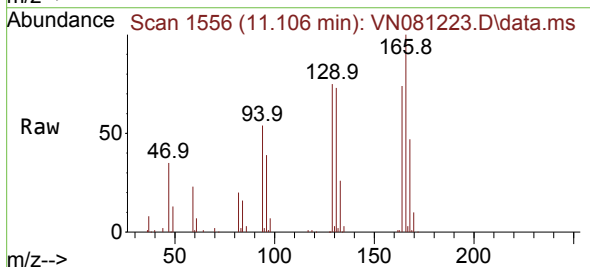
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

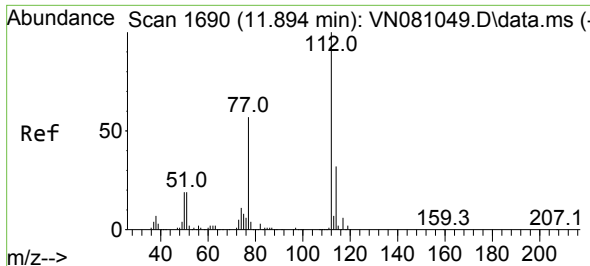
Tgt Ion:117 Resp: 428473
Ion Ratio Lower Upper
117 100
82 53.1 52.7 79.1
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 22.656 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:164 Resp: 66255
Ion Ratio Lower Upper
164 100
166 136.0 105.8 158.6
129 102.2 89.6 134.4
131 99.1 84.9 127.3

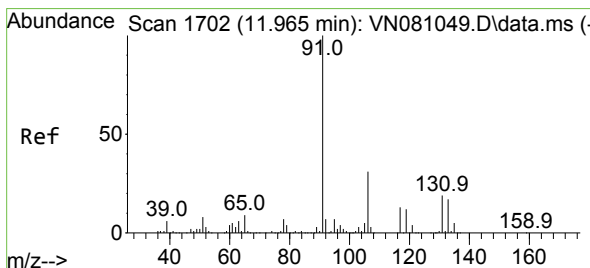
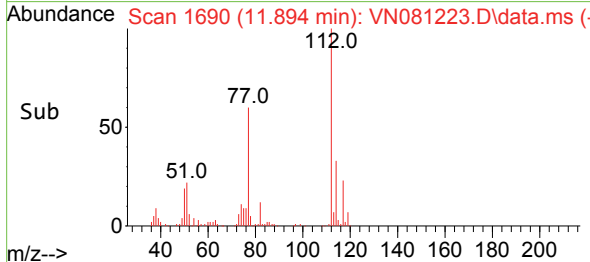
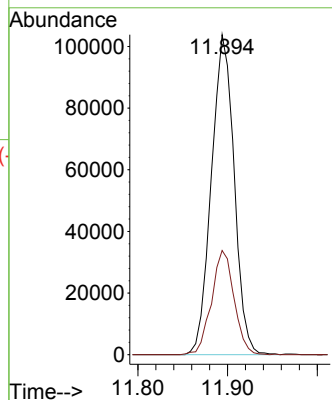
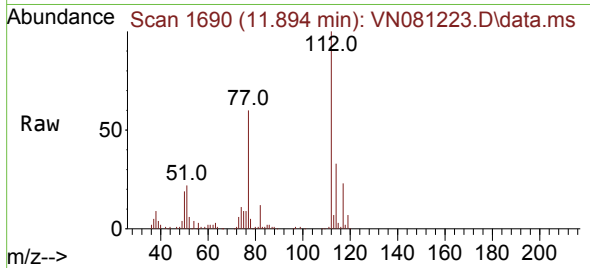




#65
Chlorobenzene
Concen: 19.721 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

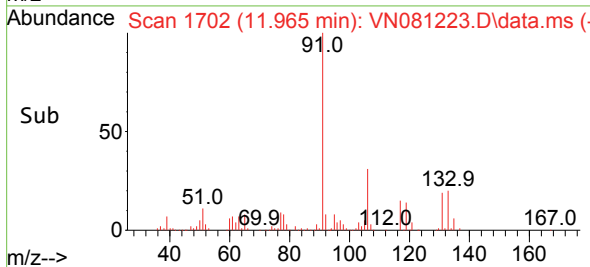
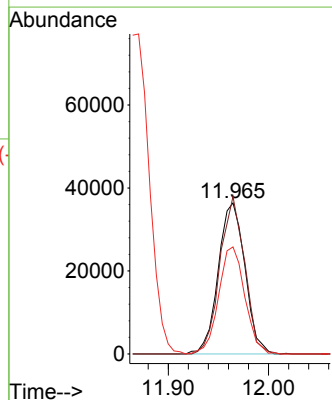
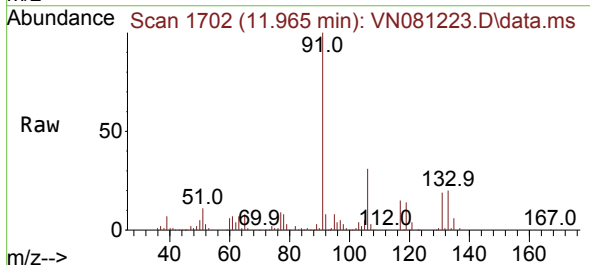
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

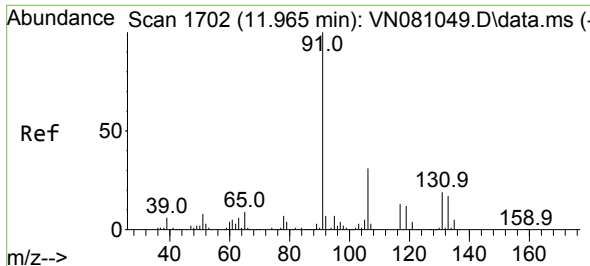
Tgt Ion:112 Resp: 182885
Ion Ratio Lower Upper
112 100
114 32.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.199 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:131 Resp: 67279
Ion Ratio Lower Upper
131 100
133 96.6 46.8 140.3
119 69.5 34.6 103.9

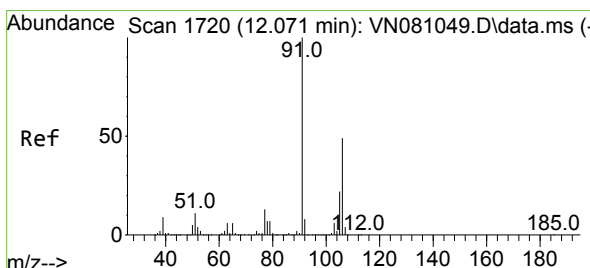
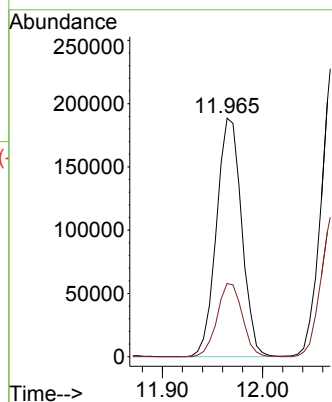
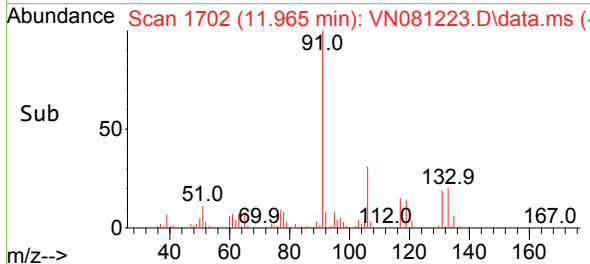
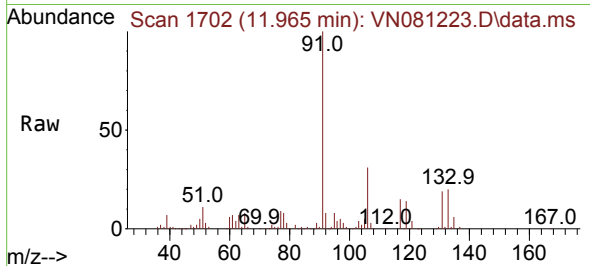




#67
Ethyl Benzene
Concen: 19.845 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

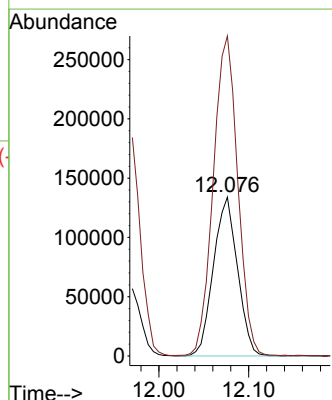
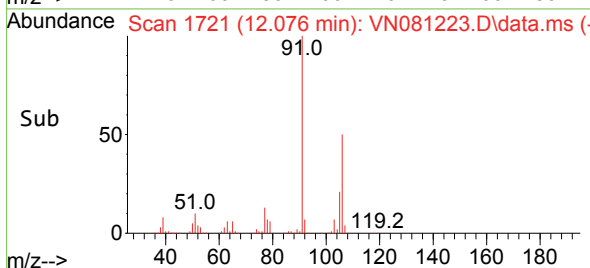
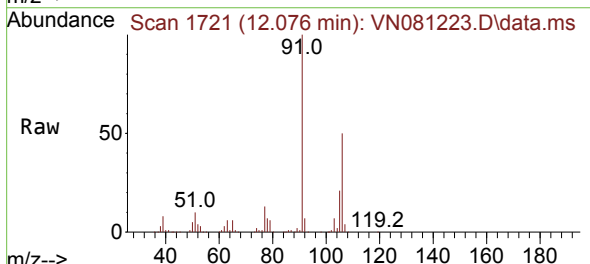
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

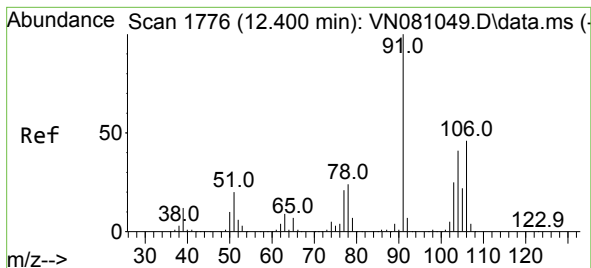
Tgt Ion: 91 Resp: 329310
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 39.241 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:106 Resp: 249592
Ion Ratio Lower Upper
106 100
91 205.2 169.0 253.6





#69

o-Xylene

Concen: 19.686 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

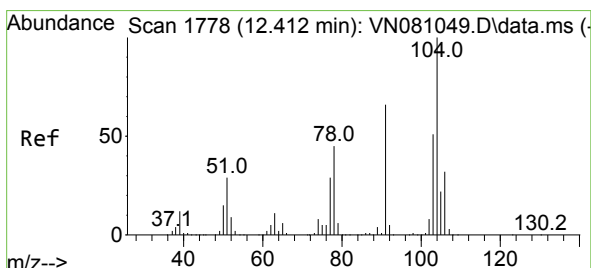
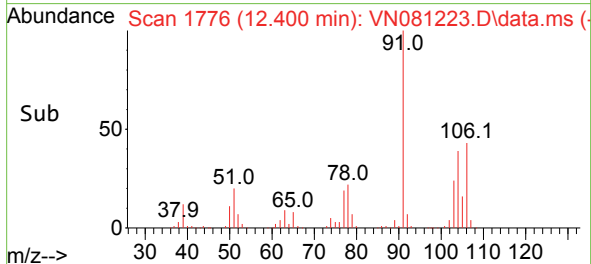
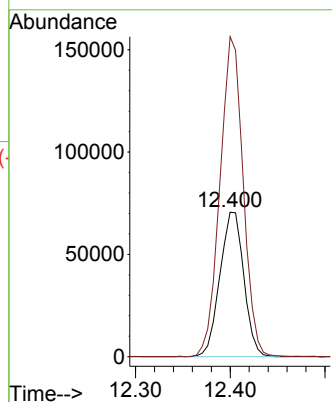
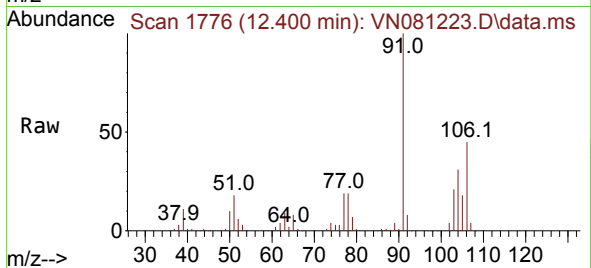
VN0227WBSD01

Tgt Ion:106 Resp: 124120

Ion Ratio Lower Upper

106 100

91 215.2 112.1 336.3



#70

Styrene

Concen: 20.119 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

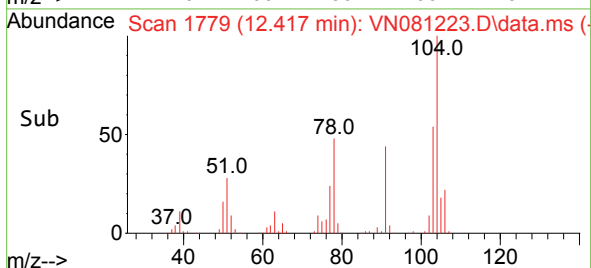
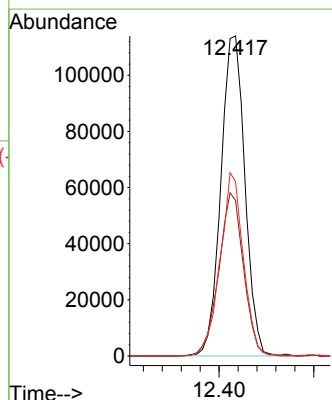
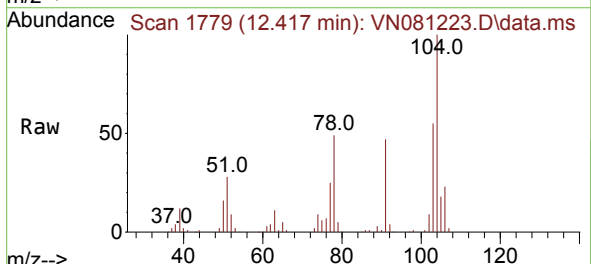
Tgt Ion:104 Resp: 201008

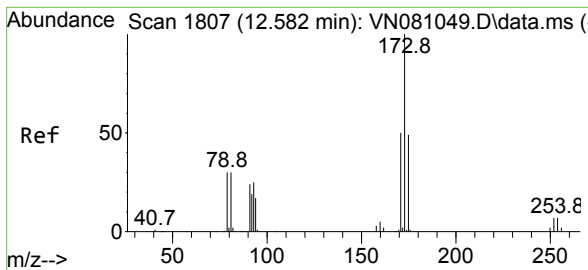
Ion Ratio Lower Upper

104 100

78 52.4 43.8 65.8

103 55.5 44.2 66.2





#71

Bromoform

Concen: 21.648 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

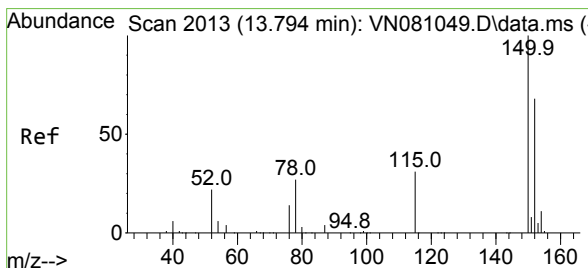
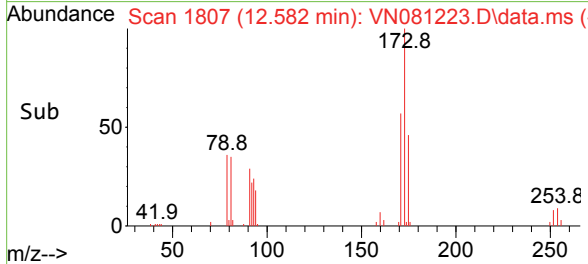
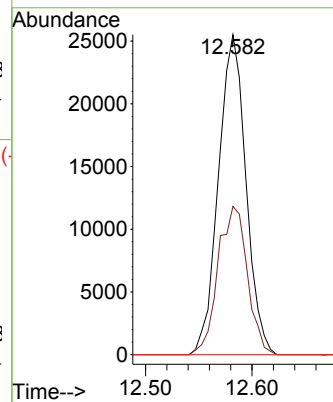
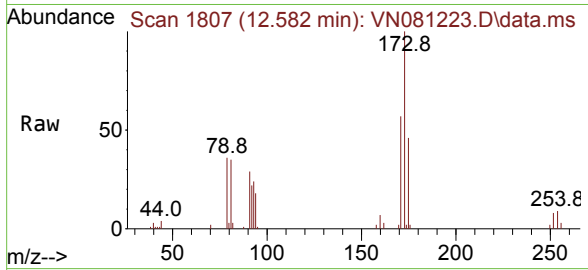
Tgt Ion:173 Resp: 45747

Ion Ratio Lower Upper

173 100

175 49.4 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

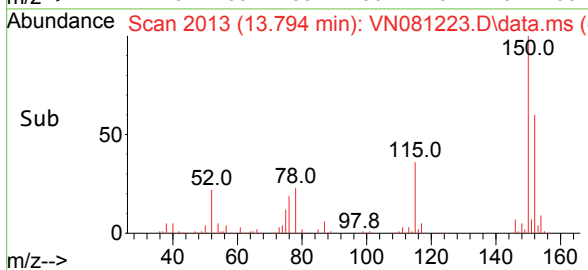
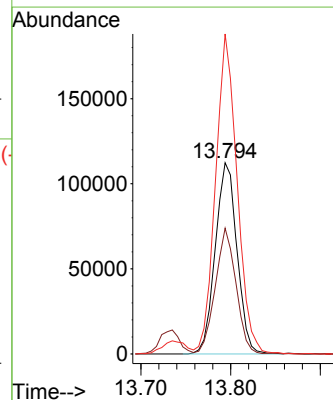
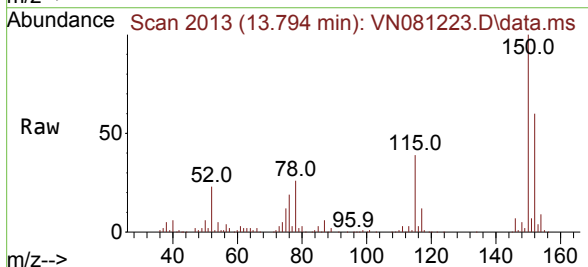
Tgt Ion:152 Resp: 188776

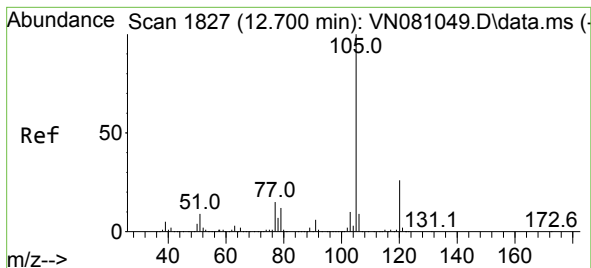
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 166.4 0.0 339.8





#73

Isopropylbenzene

Concen: 19.428 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

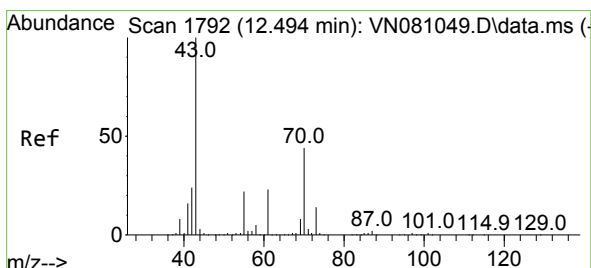
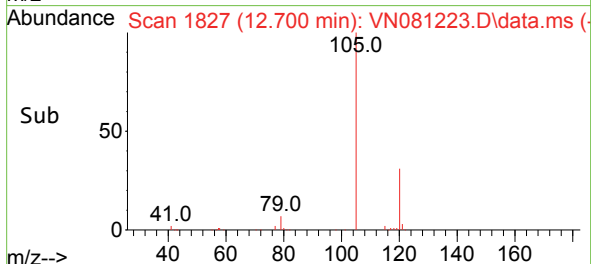
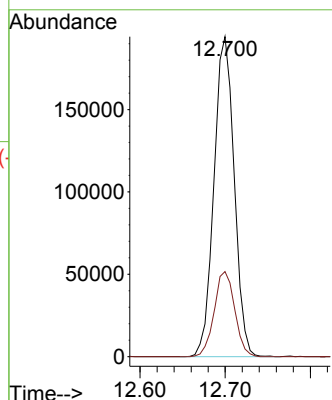
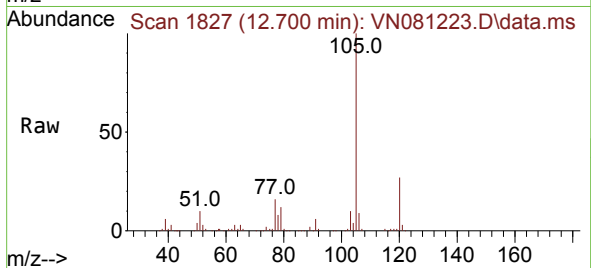
VN0227WBSD01

Tgt Ion:105 Resp: 320888

Ion Ratio Lower Upper

105 100

120 27.0 12.6 37.6



#74

N-ethyl acetate

Concen: 19.002 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Tgt Ion: 43 Resp: 132645

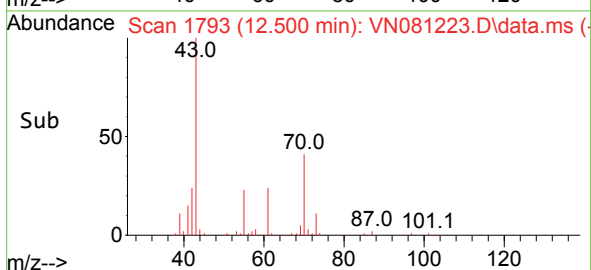
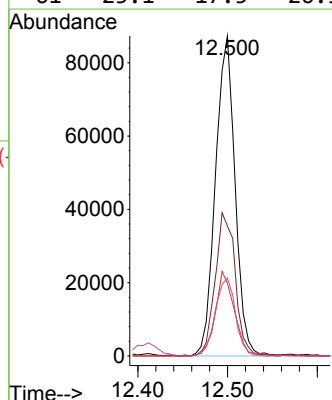
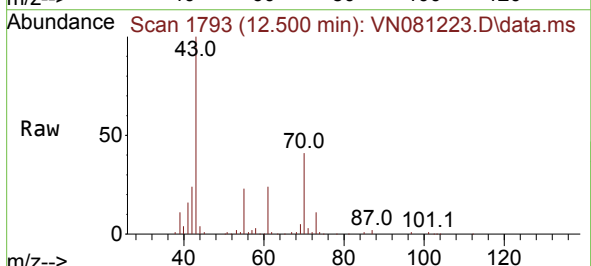
Ion Ratio Lower Upper

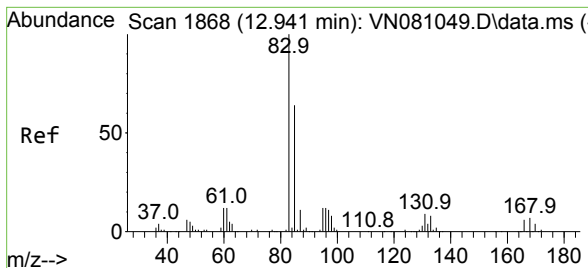
43 100

70 45.7 30.1 45.1#

55 26.1 17.0 25.4#

61 25.1 17.5 26.3

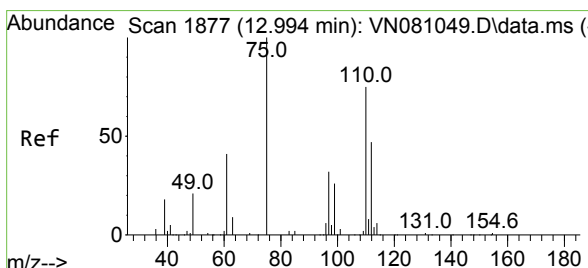
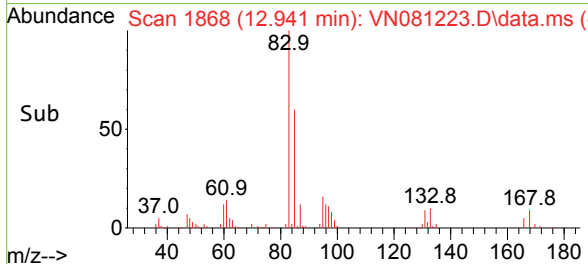
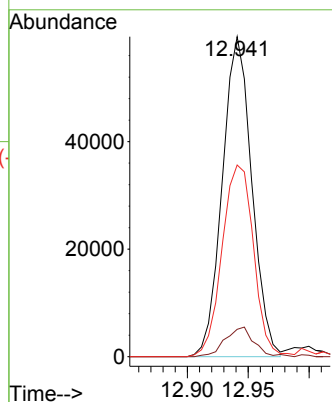
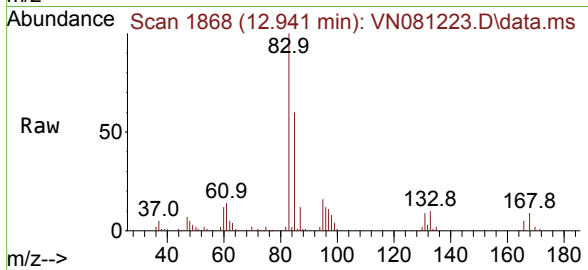




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.590 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

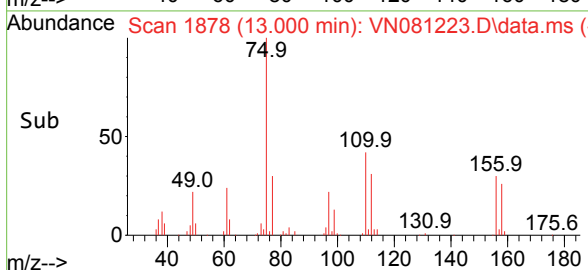
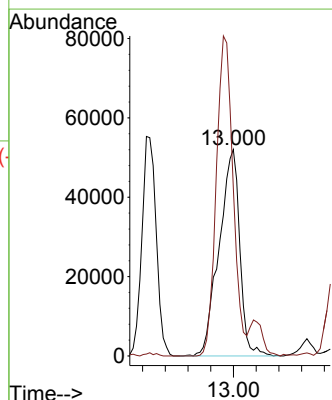
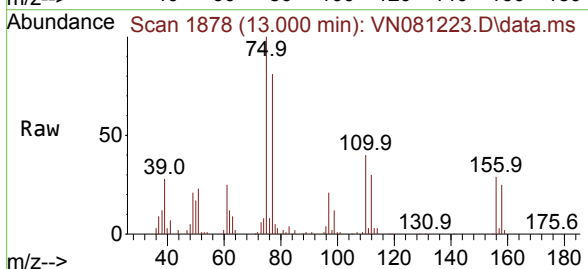
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

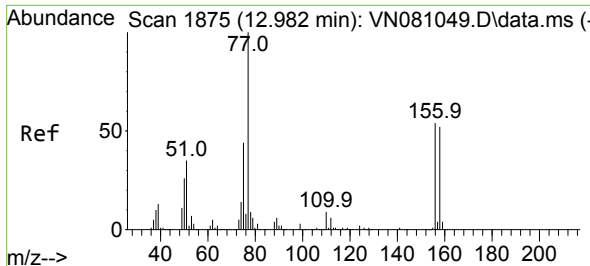
Tgt Ion: 83 Resp: 100272
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.1 12.3
 85 63.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 30.587 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion: 75 Resp: 131192
 Ion Ratio Lower Upper
 75 100
 77 126.4 91.0 272.8

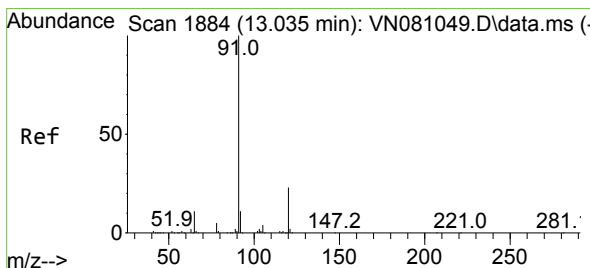
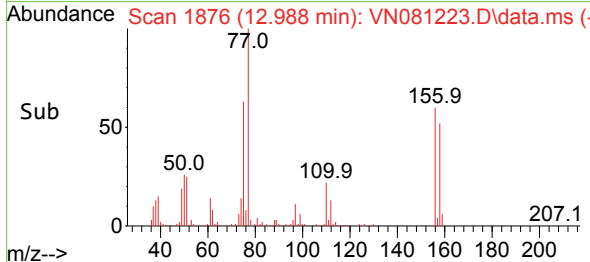
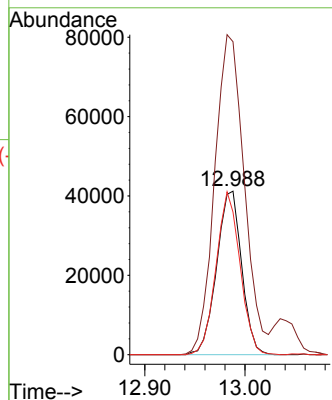
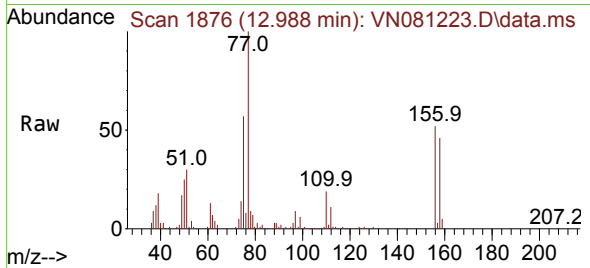




#77
Bromobenzene
Concen: 19.375 ug/l
RT: 12.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

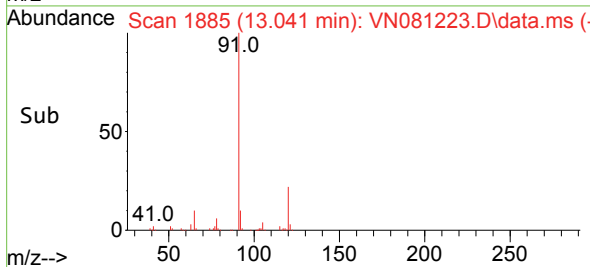
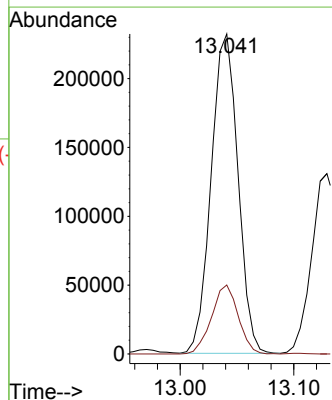
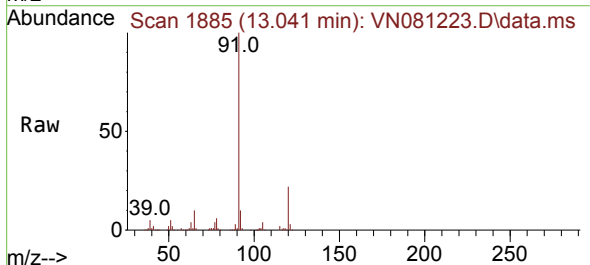
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

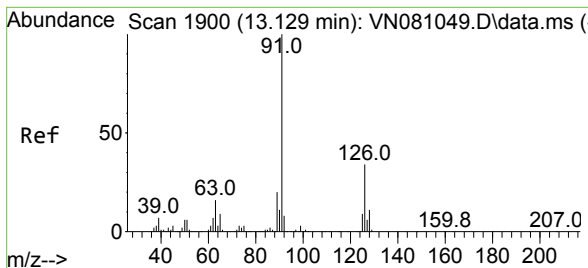
Tgt Ion:156 Resp: 71355
Ion Ratio Lower Upper
156 100
77 232.4 138.1 414.3
158 95.7 46.5 139.5



#78
n-propylbenzene
Concen: 20.009 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 91 Resp: 380443
Ion Ratio Lower Upper
91 100
120 21.5 10.3 30.9

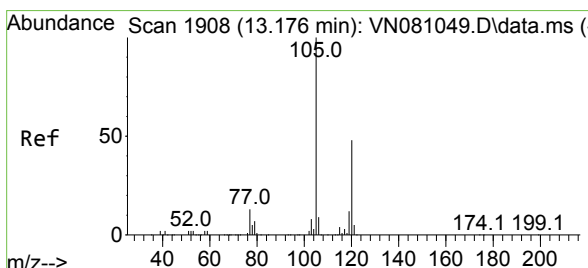
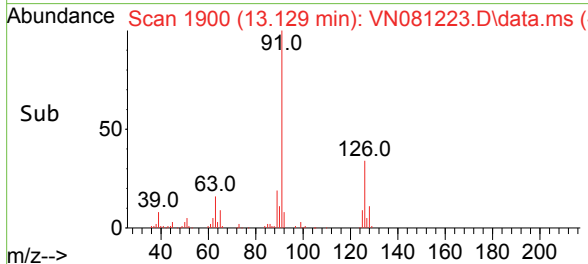
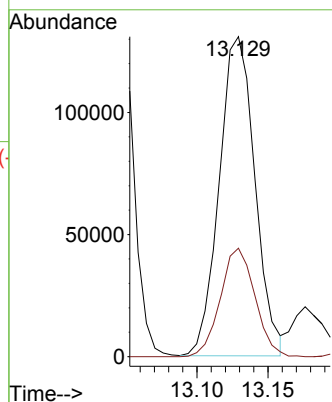
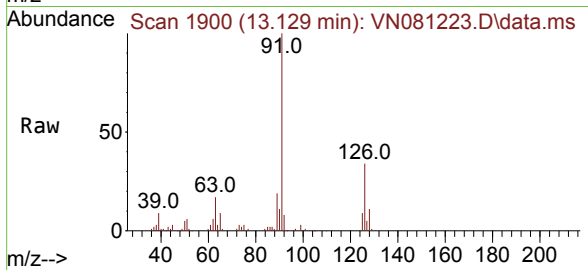




#79
2-Chlorotoluene
Concen: 19.612 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

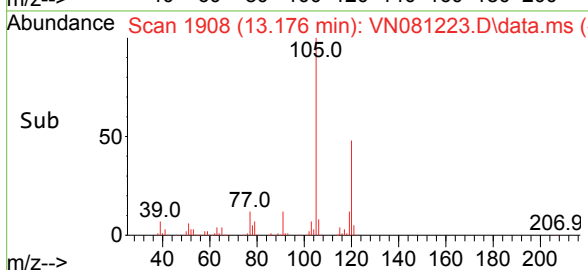
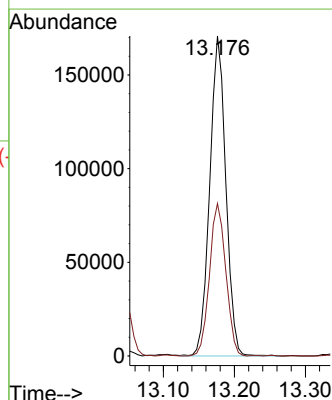
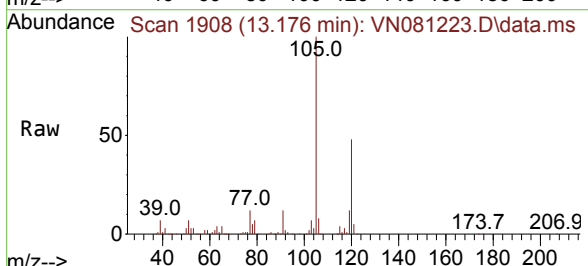
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

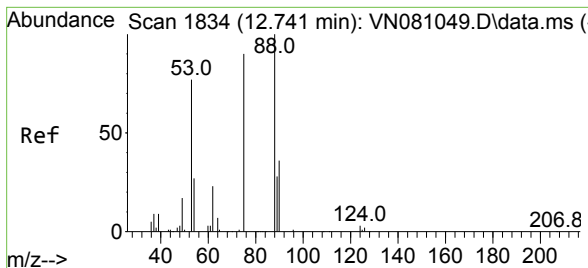
Tgt Ion: 91 Resp: 228719
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 20.063 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 105 Resp: 268681
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0

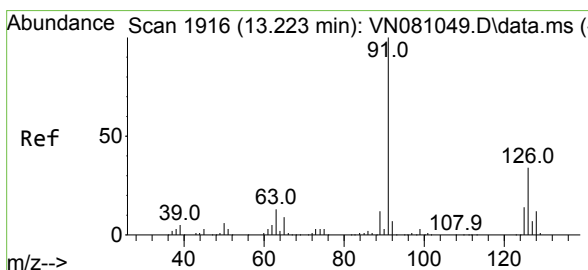
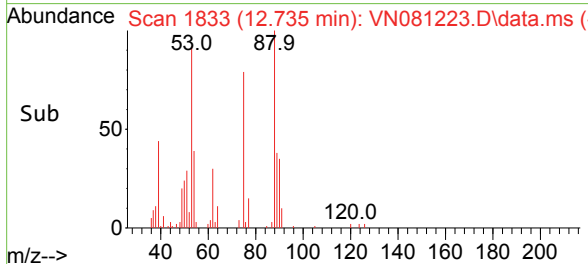
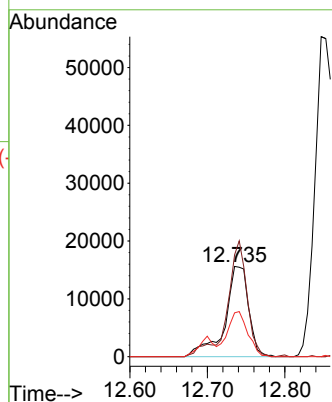
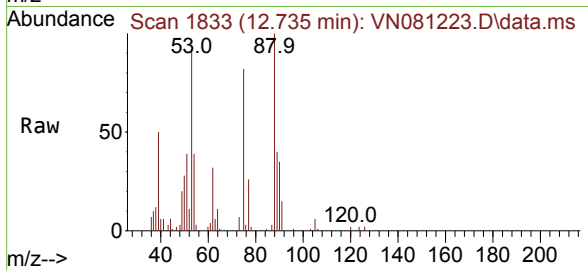




#81
trans-1,4-Dichloro-2-butene
Concen: 19.885 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

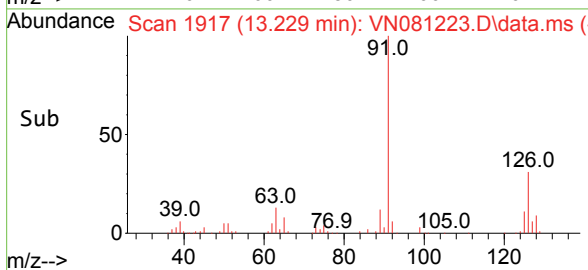
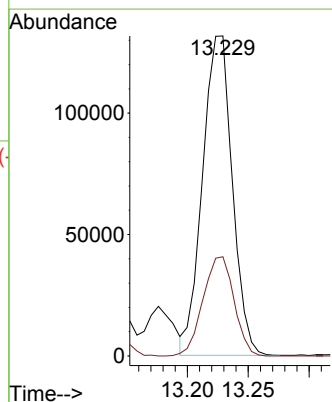
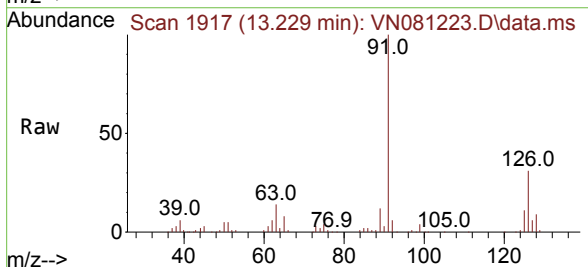
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

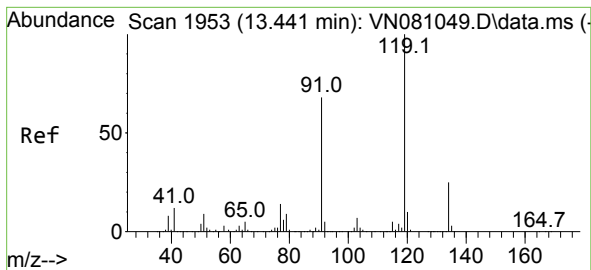
Tgt Ion: 75 Resp: 33136
Ion Ratio Lower Upper
75 100
53 106.8 71.4 107.2
89 43.0 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.641 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 91 Resp: 223974
Ion Ratio Lower Upper
91 100
126 32.3 15.3 45.9

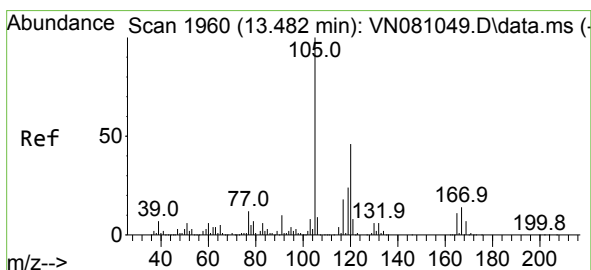
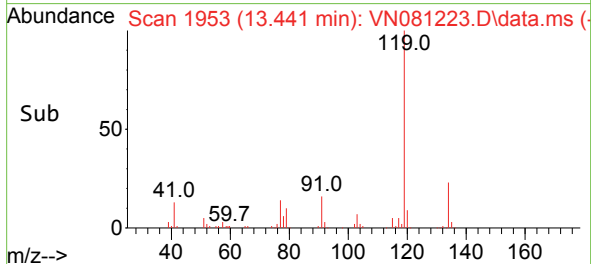
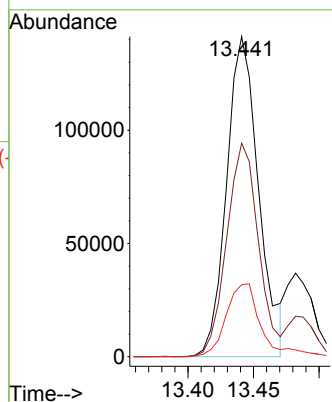
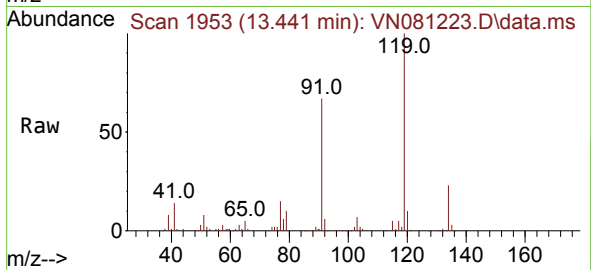




#83
tert-Butylbenzene
Concen: 20.776 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

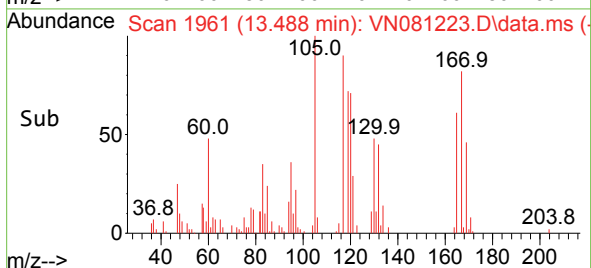
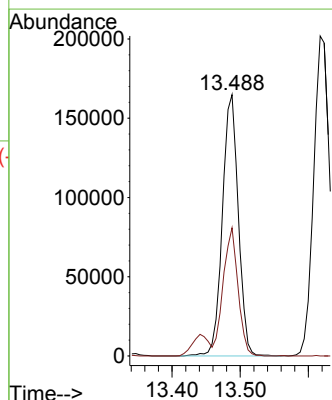
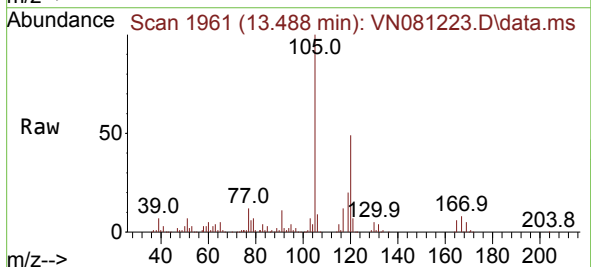
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

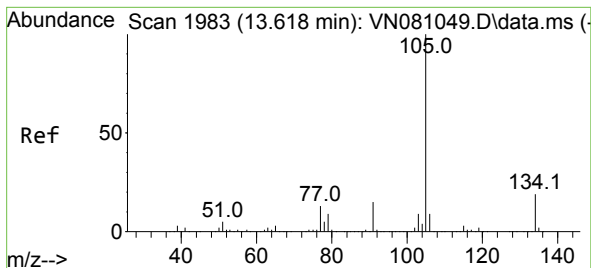
Tgt Ion:119 Resp: 240569
Ion Ratio Lower Upper
119 100
91 66.3 36.8 110.4
134 24.9 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.105 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:105 Resp: 268286
Ion Ratio Lower Upper
105 100
120 45.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 20.559 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

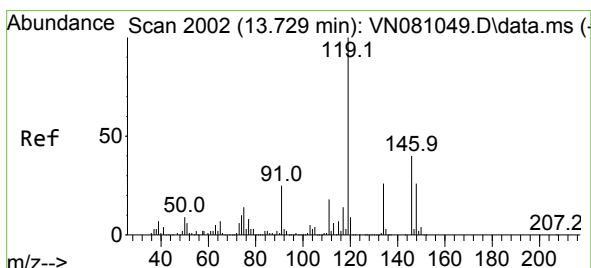
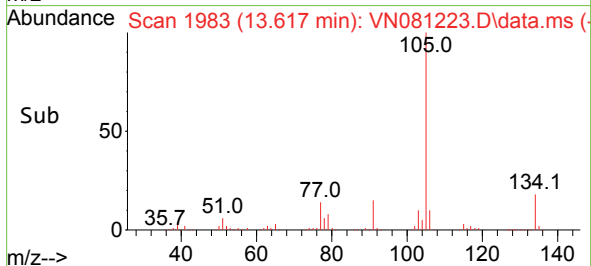
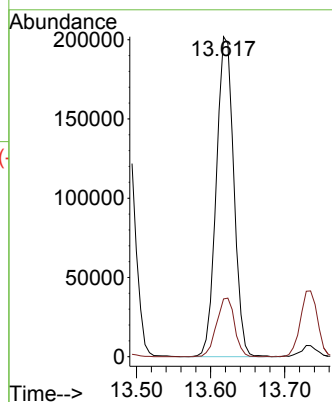
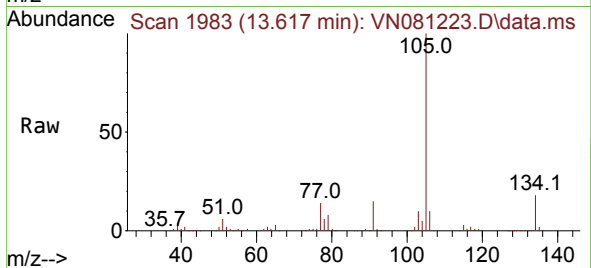
VN0227WBSD01

Tgt Ion:105 Resp: 330958

Ion Ratio Lower Upper

105 100

134 18.9 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.730 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081223.D

Acq: 27 Feb 2024 16:47

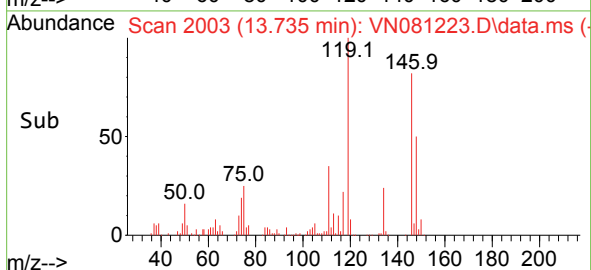
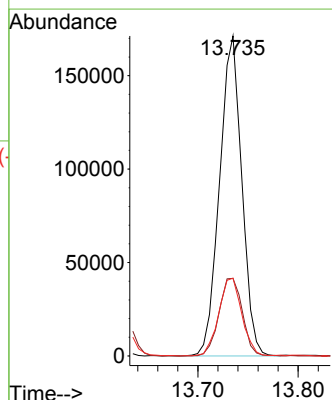
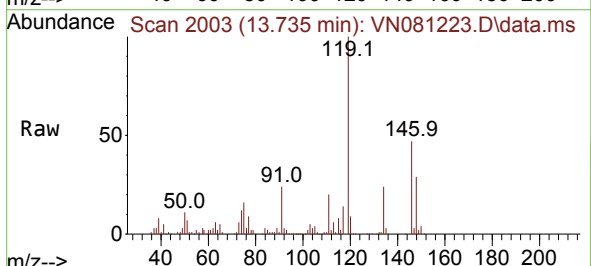
Tgt Ion:119 Resp: 263806

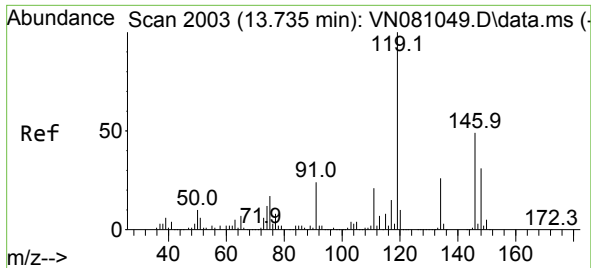
Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.2

91 25.3 13.5 40.4

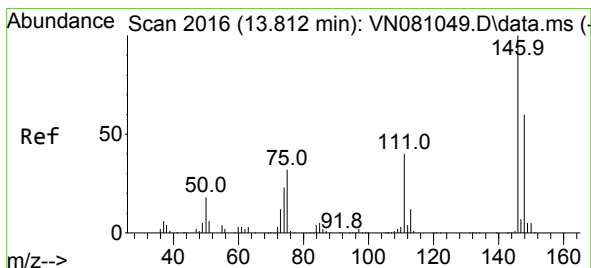
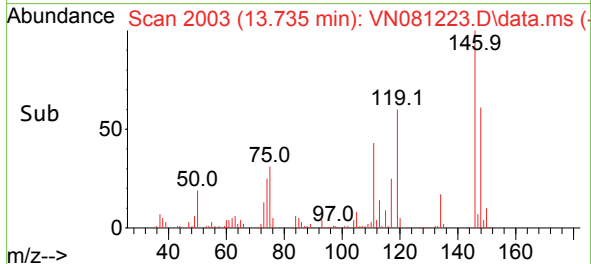
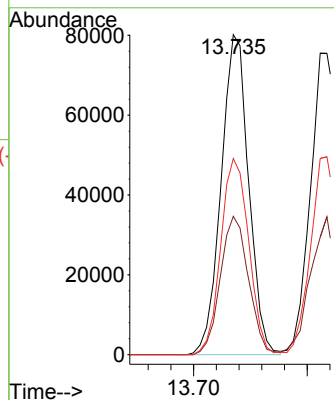
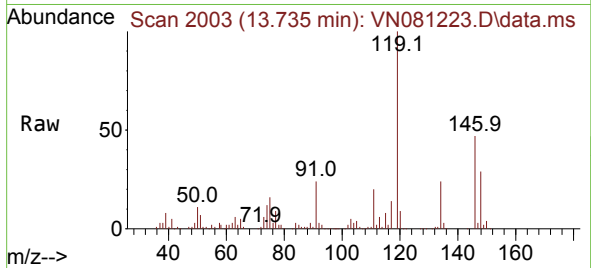




#87
 1,3-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

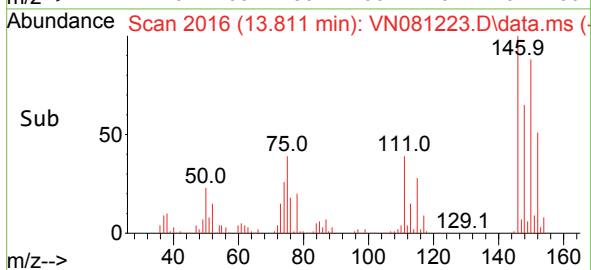
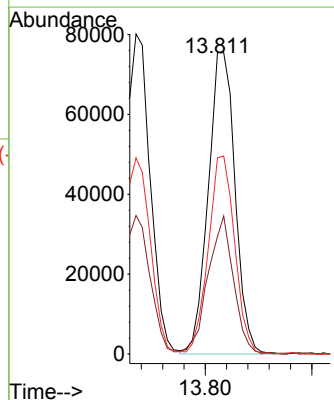
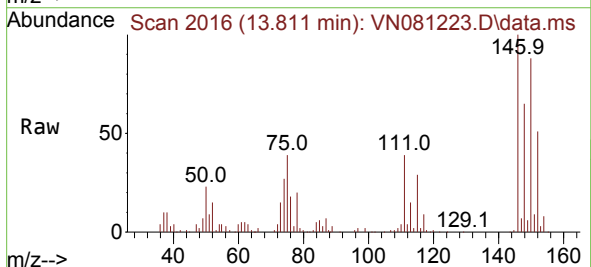
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

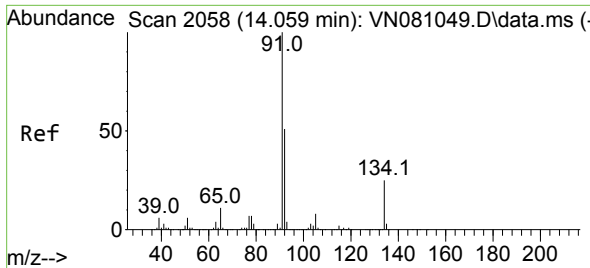
Tgt Ion:146 Resp: 135030
 Ion Ratio Lower Upper
 146 100
 111 44.3 23.9 71.7
 148 62.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 19.360 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081223.D
 Acq: 27 Feb 2024 16:47

Tgt Ion:146 Resp: 132373
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.6 67.7
 148 64.2 31.9 95.5

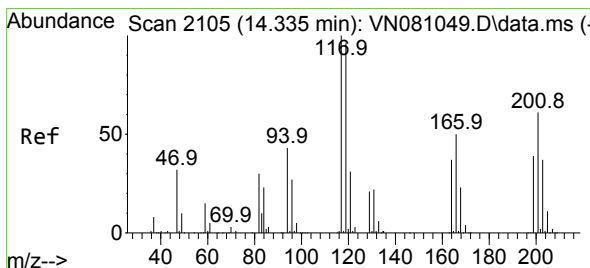
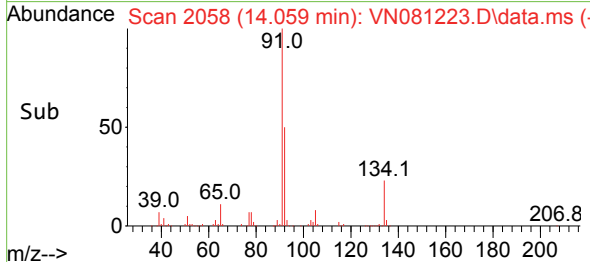
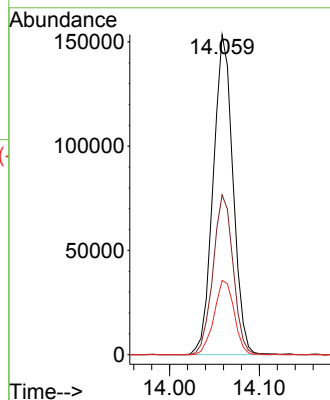
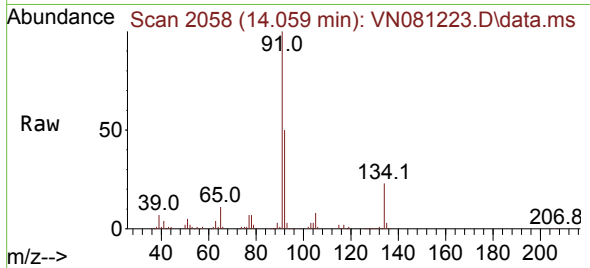




#89
n-Butylbenzene
Concen: 20.205 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

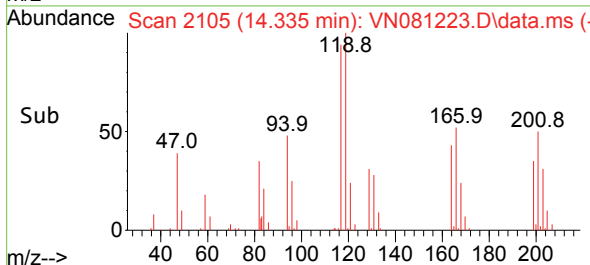
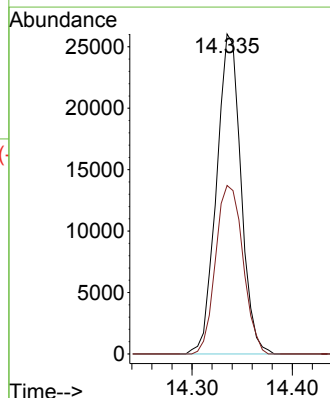
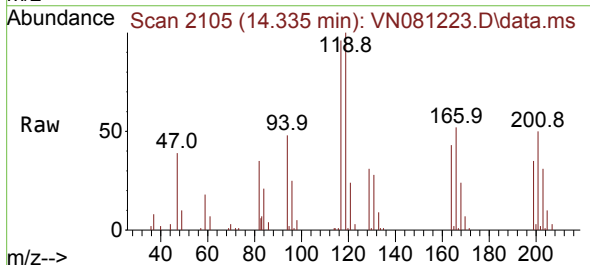
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

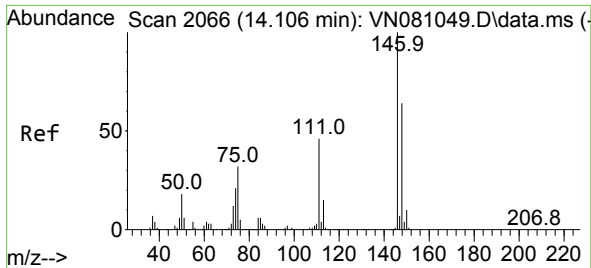
Tgt Ion: 91 Resp: 235366
Ion Ratio Lower Upper
91 100
92 50.8 26.7 80.1
134 23.5 10.8 32.4



#90
Hexachloroethane
Concen: 19.896 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 117 Resp: 43974
Ion Ratio Lower Upper
117 100
201 59.0 30.0 90.0

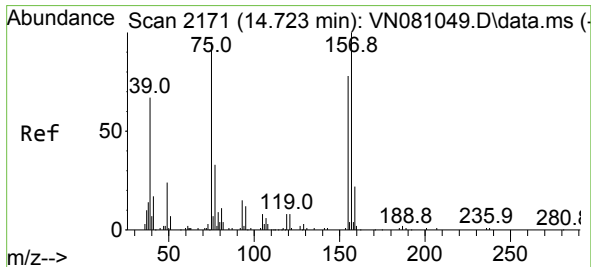
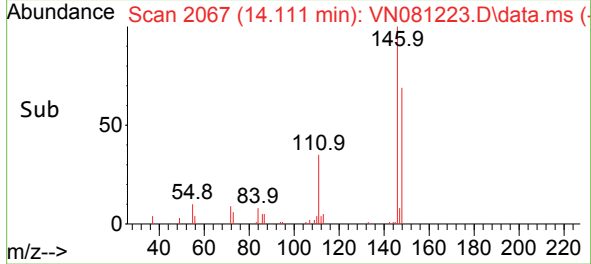
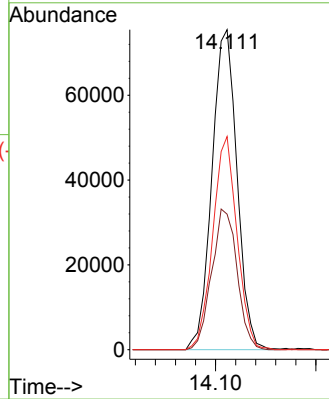
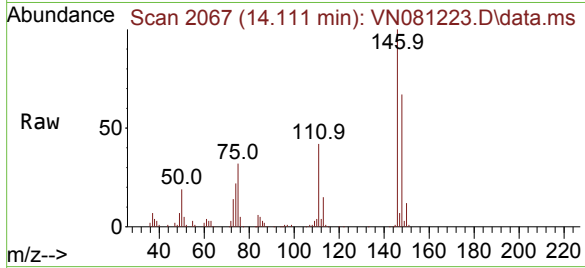




#91
1,2-Dichlorobenzene
Concen: 19.481 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

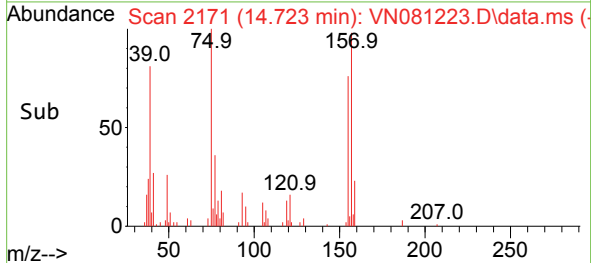
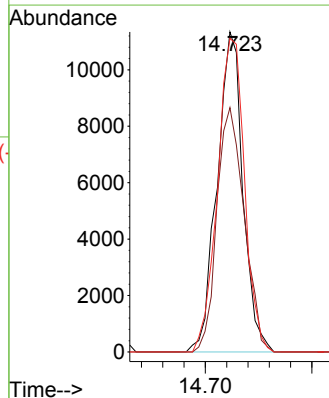
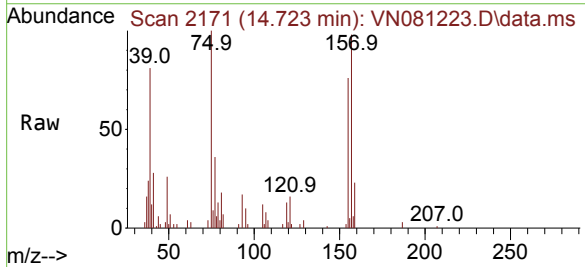
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

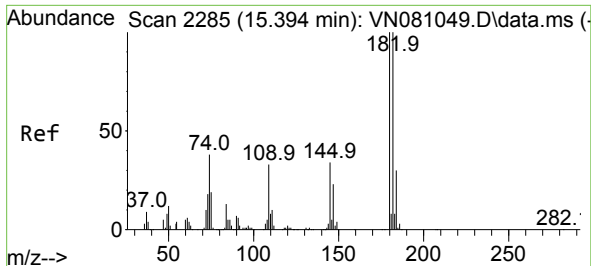
Tgt Ion:146 Resp: 130739
Ion Ratio Lower Upper
146 100
111 44.6 23.9 71.8
148 64.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.748 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion: 75 Resp: 19069
Ion Ratio Lower Upper
75 100
155 80.7 31.8 95.4
157 102.4 41.1 123.4

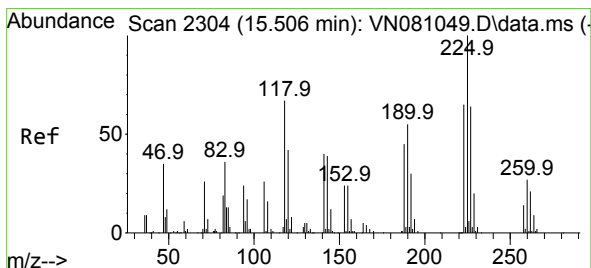
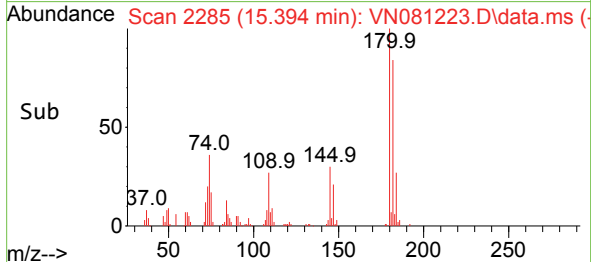
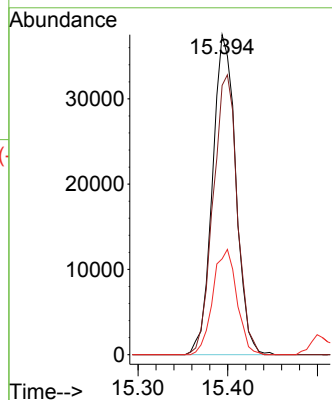
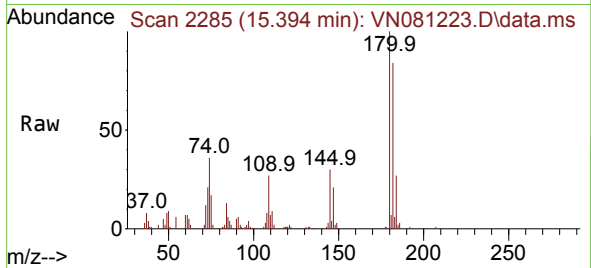




#93
1,2,4-Trichlorobenzene
Concen: 18.073 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

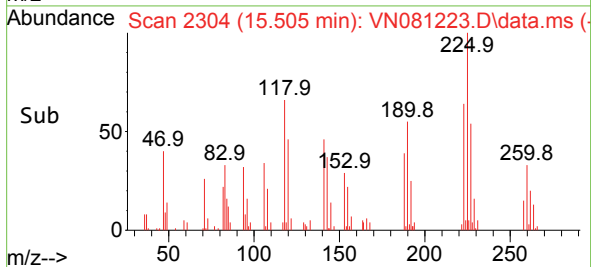
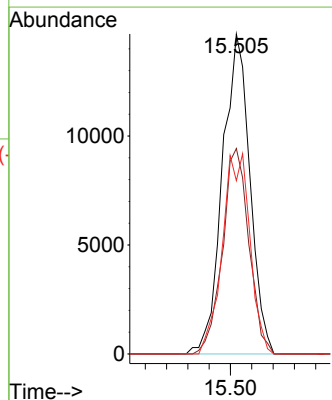
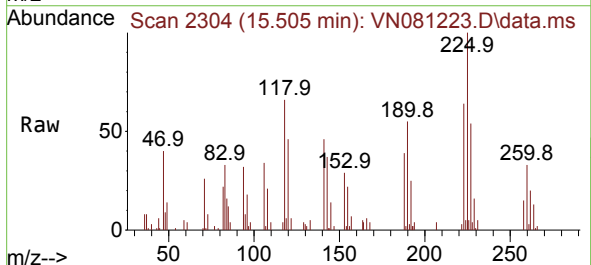
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

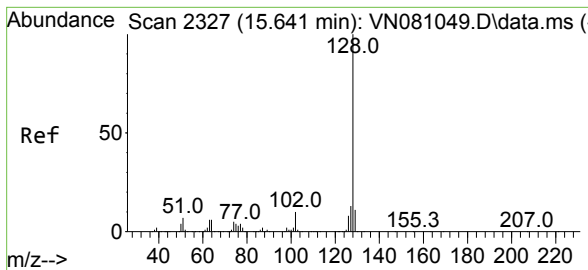
Tgt Ion:180 Resp: 67667
Ion Ratio Lower Upper
180 100
182 90.1 46.6 139.7
145 33.8 16.8 50.3



#94
Hexachlorobutadiene
Concen: 18.777 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:225 Resp: 26220
Ion Ratio Lower Upper
225 100
223 61.8 33.3 99.8
227 63.1 33.1 99.2

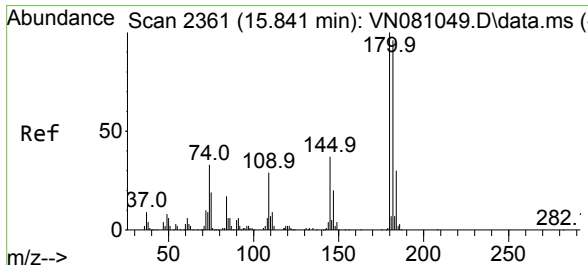
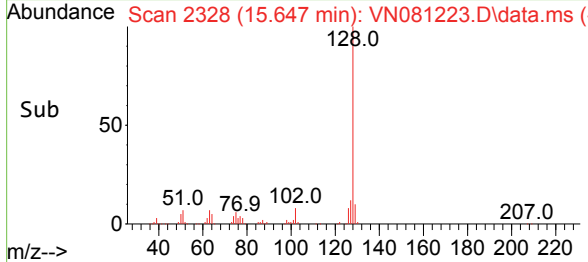
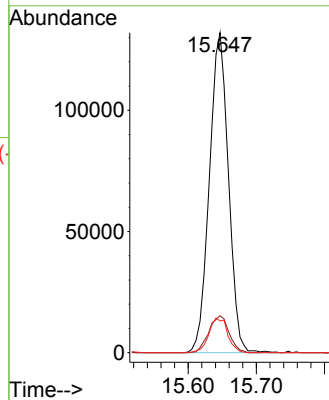
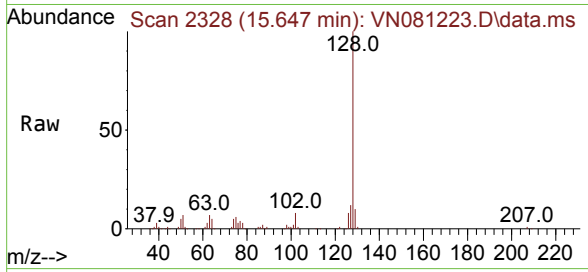




#95
Naphthalene
Concen: 18.715 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:128 Resp: 256776
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.007 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081223.D
Acq: 27 Feb 2024 16:47

Tgt Ion:180 Resp: 70596
Ion Ratio Lower Upper
180 100
182 89.9 46.5 139.3
145 32.9 17.8 53.4

