

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081211.D
 Acq On : 27 Feb 2024 11:44
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Quant Time: Feb 28 04:14:03 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	275879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173759	51.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.780%
35) Dibromofluoromethane	8.171	113	149725	51.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.280%
50) Toluene-d8	10.570	98	487337	46.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.853	95	187914	48.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	77731	21.787	ug/l	95
3) Chloromethane	2.365	50	73948	18.247	ug/l	95
4) Vinyl Chloride	2.518	62	81898	20.666	ug/l	100
5) Bromomethane	2.965	94	53720	19.085	ug/l	95
6) Chloroethane	3.124	64	56241	21.446	ug/l	97
7) Trichlorofluoromethane	3.500	101	125923	21.750	ug/l	89
8) Diethyl Ether	3.959	74	45029	21.273	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	72742	22.538	ug/l	94
10) Methyl Iodide	4.588	142	59977	16.648	ug/l	99
11) Tert butyl alcohol	5.518	59	67758	108.958	ug/l #	89
12) 1,1-Dichloroethene	4.353	96	64686	20.734	ug/l	81
13) Acrolein	4.188	56	34106	102.325	ug/l	99
14) Allyl chloride	5.030	41	96896	20.932	ug/l	90
15) Acrylonitrile	5.724	53	188397	115.999	ug/l	99
16) Acetone	4.430	43	139151	104.582	ug/l	99
17) Carbon Disulfide	4.718	76	154905	17.801	ug/l	98
18) Methyl Acetate	5.024	43	88570	27.287	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	236677	22.150	ug/l	99
20) Methylene Chloride	5.288	84	78916	22.414	ug/l	86
21) trans-1,2-Dichloroethene	5.788	96	71988	20.681	ug/l	87
22) Diisopropyl ether	6.677	45	242665	23.109	ug/l #	95
23) Vinyl Acetate	6.606	43	1027917	120.652	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	138316	22.780	ug/l #	96
25) 2-Butanone	7.482	43	243096	113.092	ug/l	93
26) 2,2-Dichloropropane	7.494	77	119570	21.017	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	85751	21.204	ug/l	90
28) Bromochloromethane	7.818	49	58441	23.217	ug/l #	65
29) Tetrahydrofuran	7.841	42	163022	113.611	ug/l #	87
30) Chloroform	7.965	83	148411	22.993	ug/l	98
31) Cyclohexane	8.259	56	120682	20.669	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	129890	22.096	ug/l	94
36) 1,1-Dichloropropene	8.376	75	104602	20.853	ug/l	95
37) Ethyl Acetate	7.571	43	103425	22.845	ug/l	100
38) Carbon Tetrachloride	8.365	117	108710	21.420	ug/l	93
39) Methylcyclohexane	9.600	83	117707	20.129	ug/l	87
40) Benzene	8.606	78	314728	21.676	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	60766	23.584	ug/l	94
42) 1,2-Dichloroethane	8.676	62	112006	22.111	ug/l	97
43) Isopropyl Acetate	8.688	43	175350	22.146	ug/l #	93
44) Trichloroethene	9.359	130	76779	19.854	ug/l	98
45) 1,2-Dichloropropane	9.623	63	82228	22.640	ug/l	94
46) Dibromomethane	9.706	93	58623	22.153	ug/l	92
47) Bromodichloromethane	9.888	83	113023	22.551	ug/l #	96
48) Methyl methacrylate	9.682	41	80951	21.972	ug/l	89
49) 1,4-Dioxane	9.700	88	30497	426.948	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	531139	116.613	ug/l	95
52) Toluene	10.635	92	198300	21.573	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	117866	21.162	ug/l	96
54) cis-1,3-Dichloropropene	10.317	75	130241	21.644	ug/l	91
55) 1,1,2-Trichloroethane	11.017	97	80610	22.801	ug/l	91
56) Ethyl methacrylate	10.876	69	118408	21.914	ug/l	90
57) 1,3-Dichloropropane	11.164	76	139104	22.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	247859	91.426	ug/l #	89
59) 2-Hexanone	11.200	43	397354	110.040	ug/l	95
60) Dibromochloromethane	11.359	129	80870	21.532	ug/l	97
61) 1,2-Dibromoethane	11.470	107	81169	21.833	ug/l	100
64) Tetrachloroethene	11.106	164	76396	23.993	ug/l	96
65) Chlorobenzene	11.894	112	214406	21.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	76124	20.990	ug/l	98
67) Ethyl Benzene	11.964	91	376863	20.858	ug/l	100
68) m/p-Xylenes	12.076	106	284203	41.037	ug/l	98
69) o-Xylene	12.400	106	140663	20.490	ug/l	95
70) Styrene	12.411	104	229948	21.138	ug/l	95
71) Bromoform	12.582	173	49947	21.707	ug/l #	93
73) Isopropylbenzene	12.700	105	361925	20.006	ug/l	98
74) N-amyl acetate	12.494	43	148119	19.372	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	107015	21.037	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	143420	30.528	ug/l	61
77) Bromobenzene	12.982	156	80373	19.925	ug/l	79
78) n-propylbenzene	13.035	91	431453	20.717	ug/l	97
79) 2-Chlorotoluene	13.129	91	255375	19.992	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	306328	20.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	35252	19.314	ug/l #	79
82) 4-Chlorotoluene	13.223	91	258362	20.685	ug/l	97
83) tert-Butylbenzene	13.441	119	263655	20.788	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	310358	21.233	ug/l	96
85) sec-Butylbenzene	13.617	105	381551	21.639	ug/l	95
86) p-Isopropyltoluene	13.735	119	300831	20.541	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	150747	19.779	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	150604	20.110	ug/l	98
89) n-Butylbenzene	14.058	91	267407	20.958	ug/l	98
90) Hexachloroethane	14.335	117	52623	21.738	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	151079	20.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20574	19.453	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	79925	19.489	ug/l	100
94) Hexachlorobutadiene	15.505	225	30964	20.245	ug/l	95
95) Naphthalene	15.647	128	283646	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	81579	20.052	ug/l	99

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QLast Update : Fri Feb 16 23:45:20 2024
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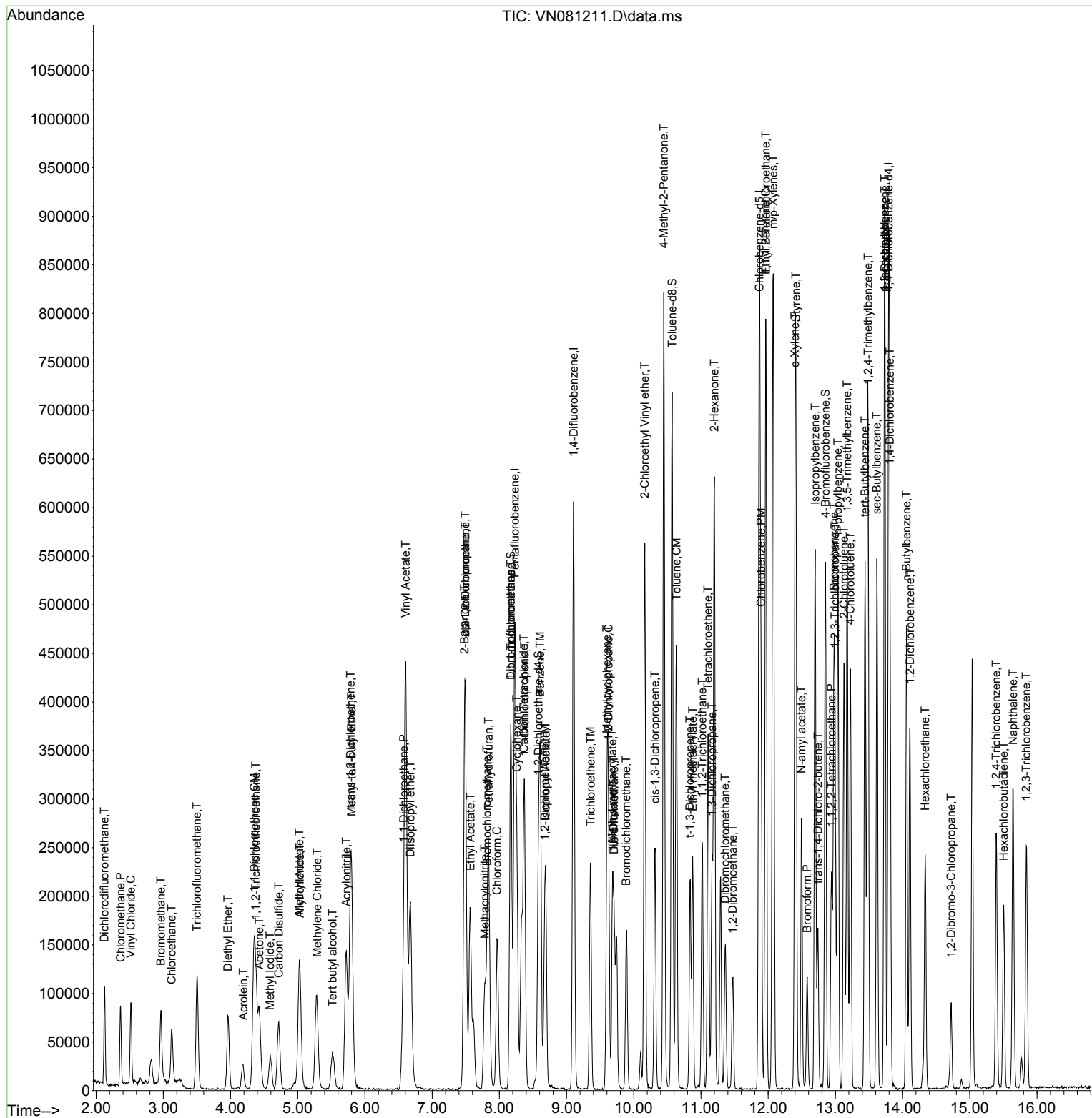
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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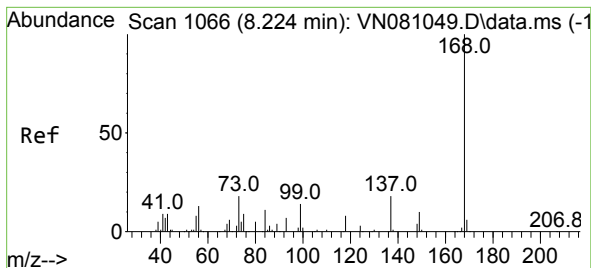
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN081211.D

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Instrument :

MSVOA_N

ClientSampleId :

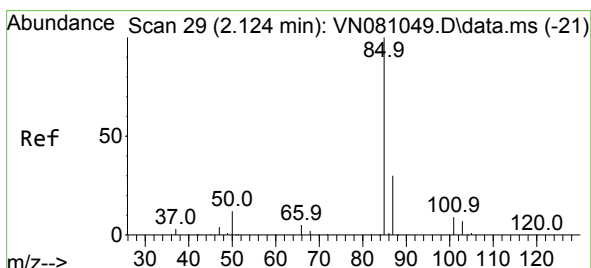
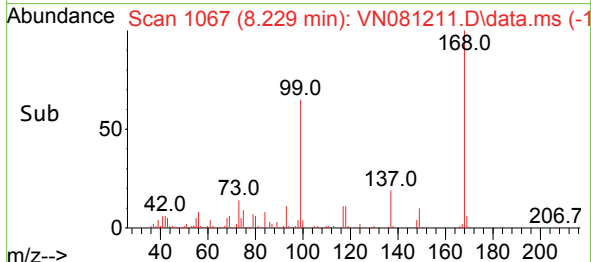
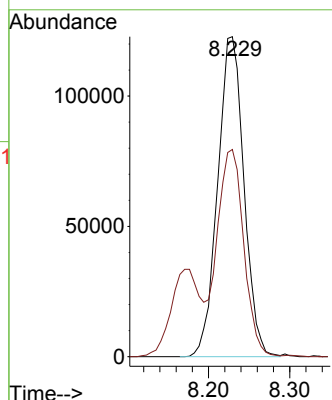
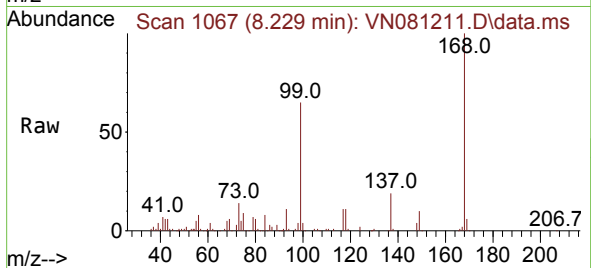
VN0227WBS01

Tgt Ion:168 Resp: 275879

Ion Ratio Lower Upper

168 100

99 64.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 21.787 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081211.D

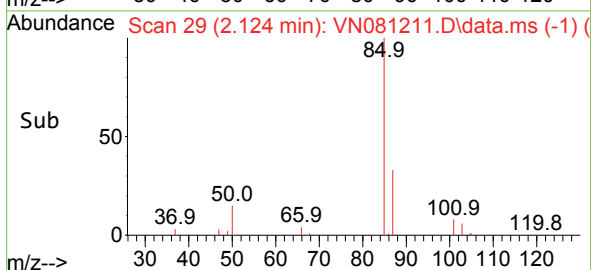
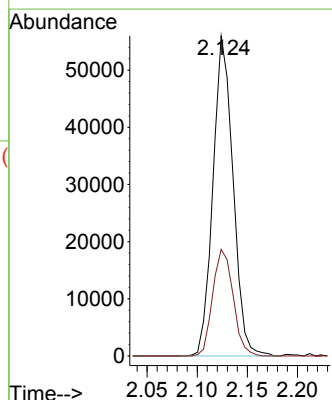
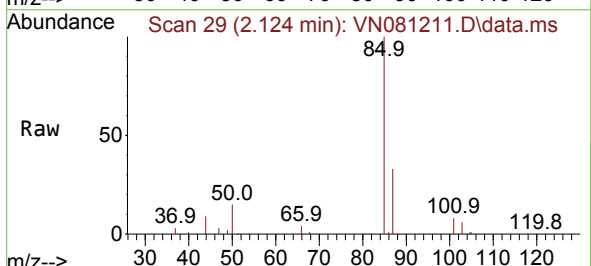
Acq: 27 Feb 2024 11:44

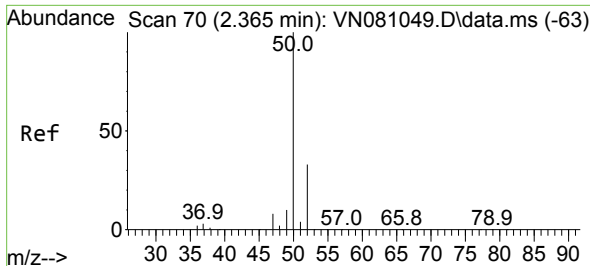
Tgt Ion: 85 Resp: 77731

Ion Ratio Lower Upper

85 100

87 33.3 15.3 45.9

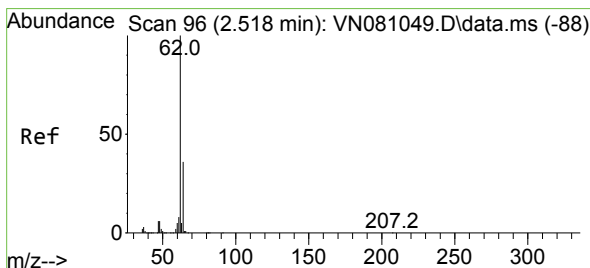
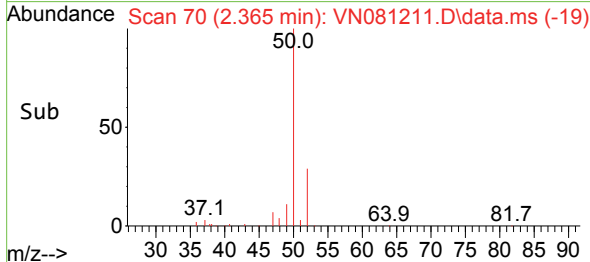
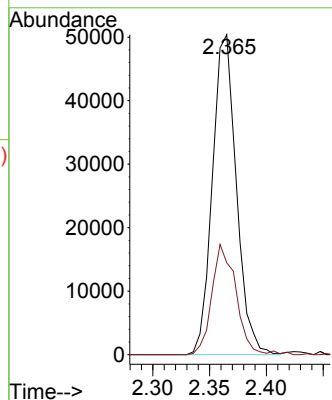
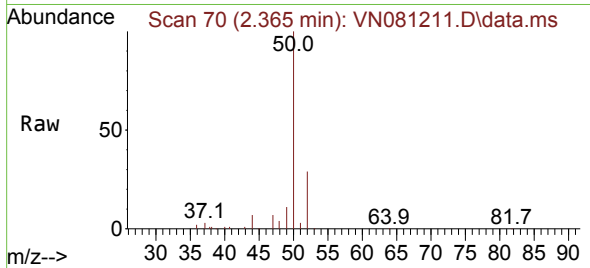




#3
Chloromethane
Concen: 18.247 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081211.D
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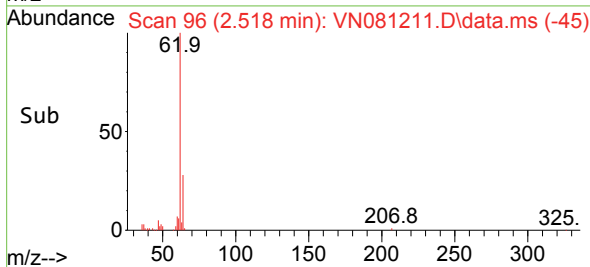
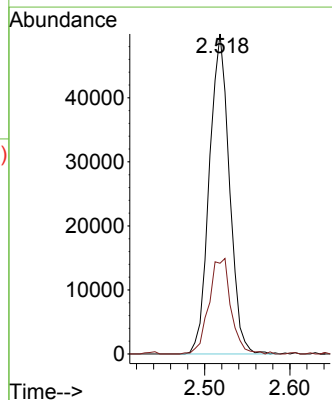
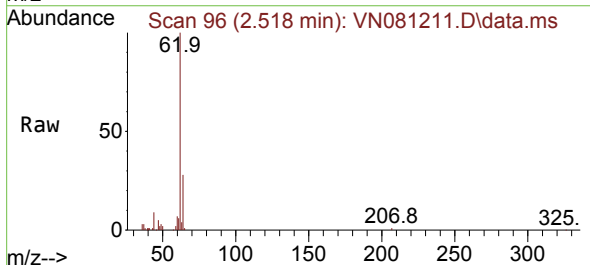
Instrument :
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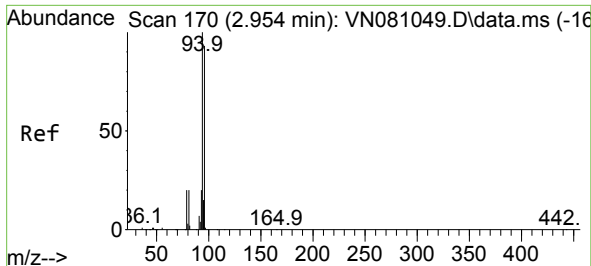
Tgt Ion: 50 Resp: 73948
Ion Ratio Lower Upper
50 100
52 28.7 25.0 37.4



#4
Vinyl Chloride
Concen: 20.666 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 62 Resp: 81898
Ion Ratio Lower Upper
62 100
64 28.3 22.7 34.1

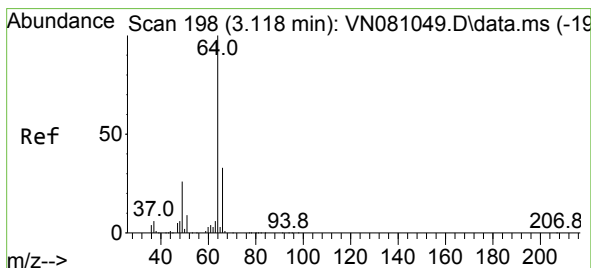
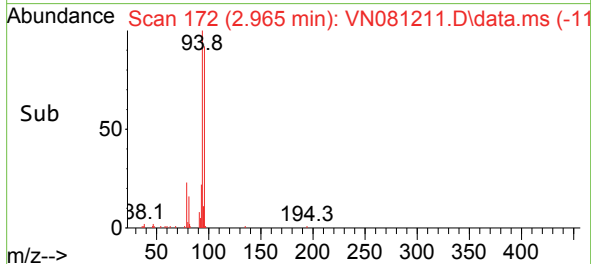
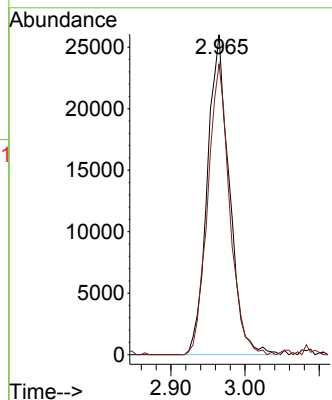
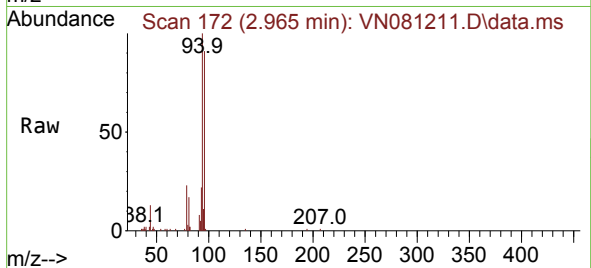




#5
Bromomethane
Concen: 19.085 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081211.D
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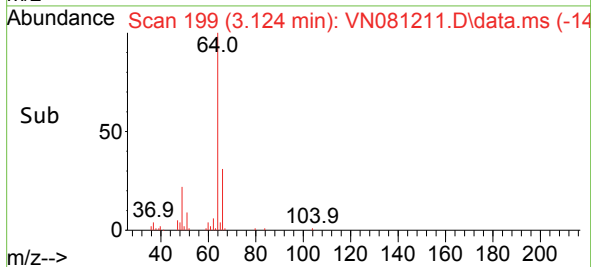
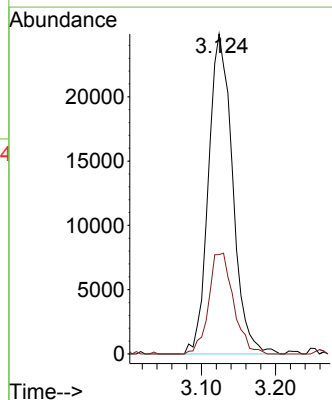
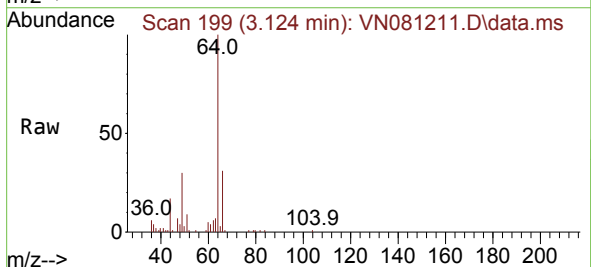
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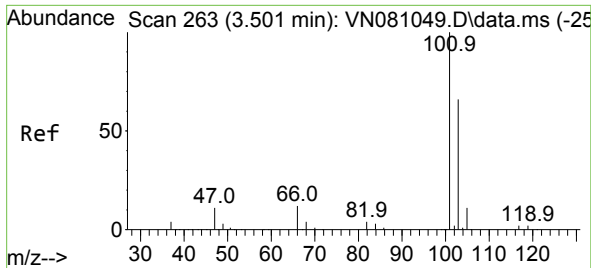
Tgt Ion: 94 Resp: 53720
Ion Ratio Lower Upper
94 100
96 90.8 69.2 103.8



#6
Chloroethane
Concen: 21.446 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 64 Resp: 56241
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

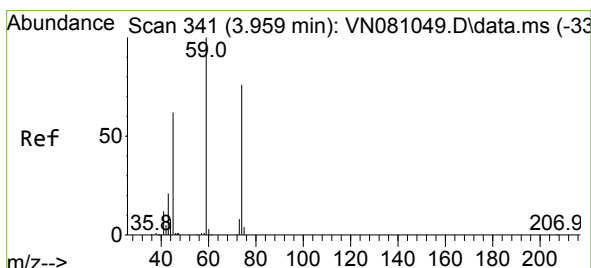
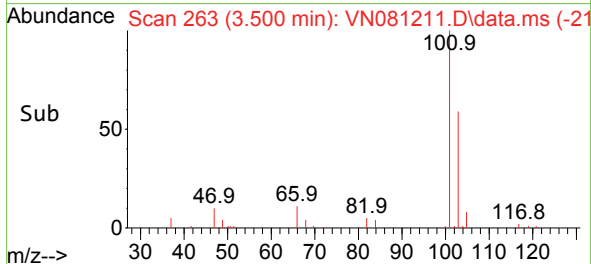
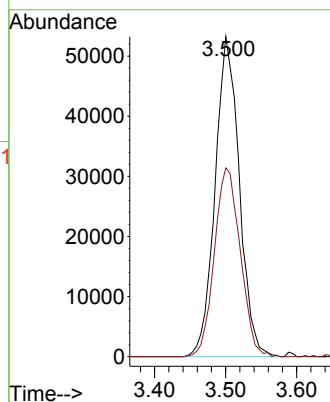
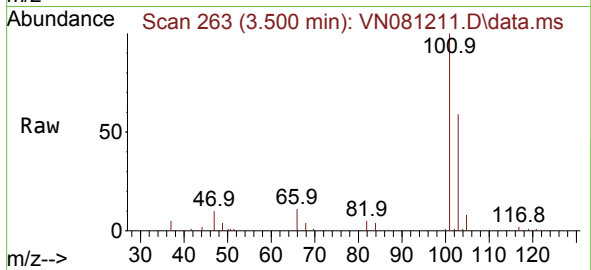




#7
Trichlorofluoromethane
Concen: 21.750 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

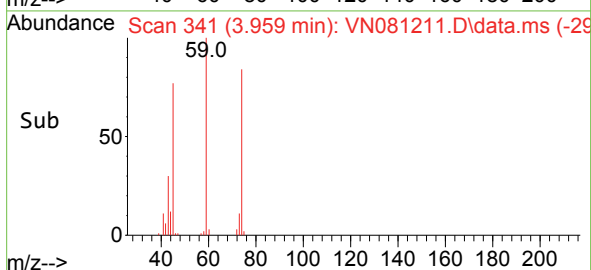
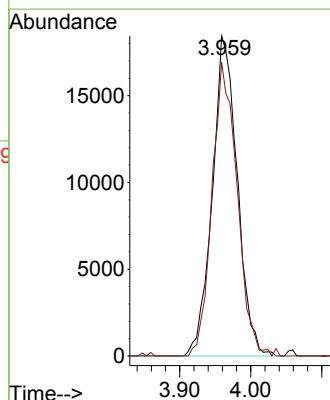
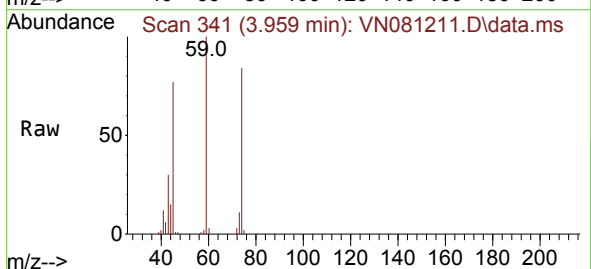
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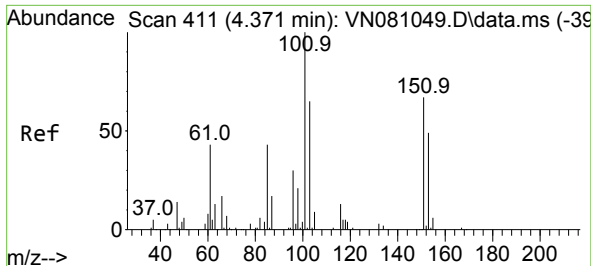
Tgt Ion:101 Resp: 125923
Ion Ratio Lower Upper
101 100
103 59.0 54.4 81.6



#8
Diethyl Ether
Concen: 21.273 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 45029
Ion Ratio Lower Upper
74 100
45 92.2 53.3 159.9

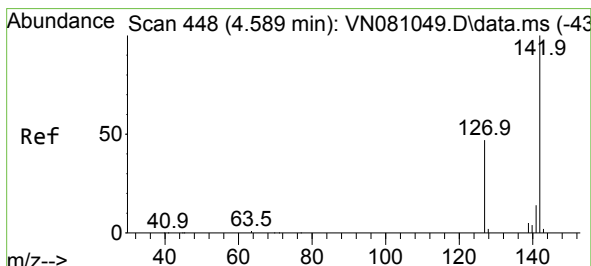
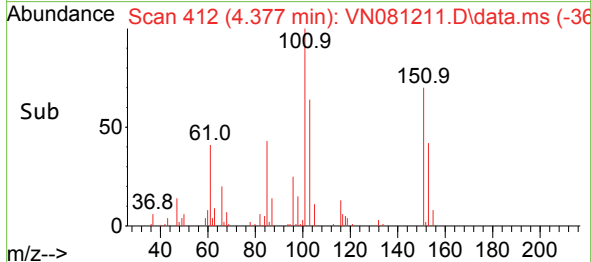
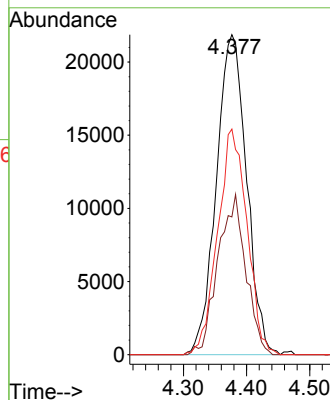
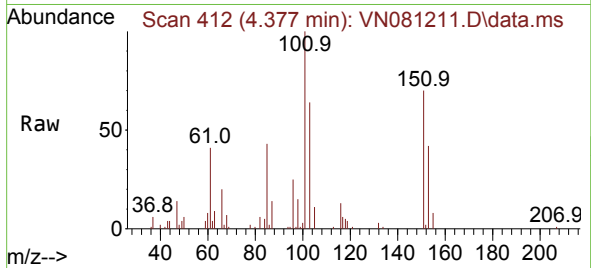




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.538 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

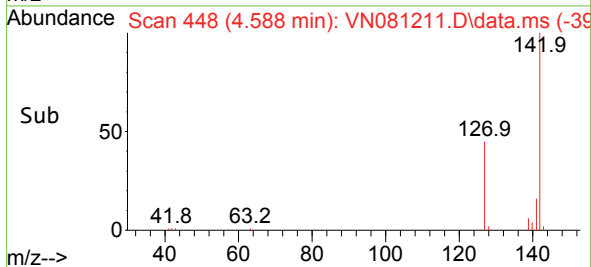
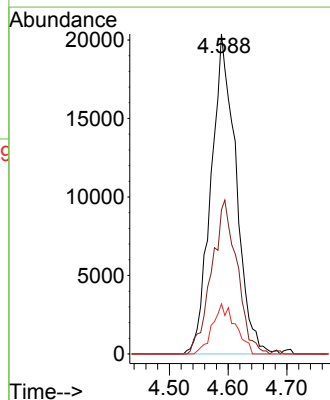
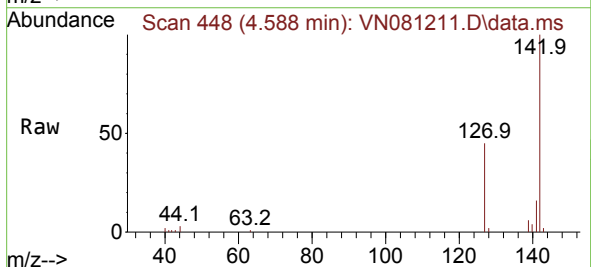
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

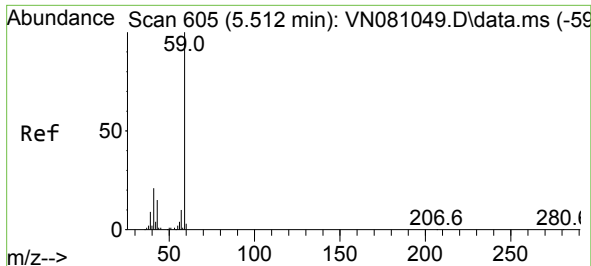
Tgt Ion:101 Resp: 72742
Ion Ratio Lower Upper
101 100
85 46.3 38.1 57.1
151 68.6 49.1 73.7



#10
Methyl Iodide
Concen: 16.648 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:142 Resp: 59977
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.4
141 15.7 12.5 18.7

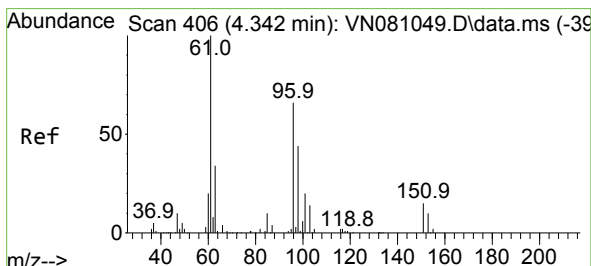
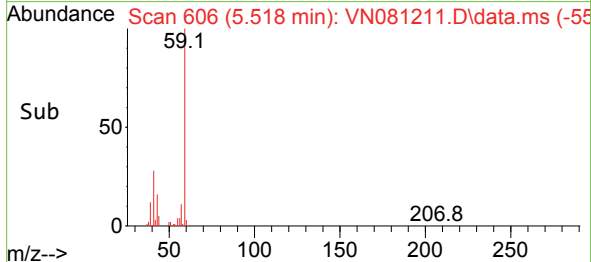
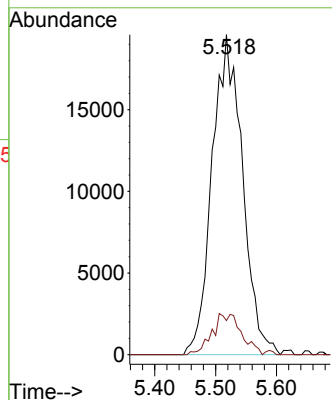
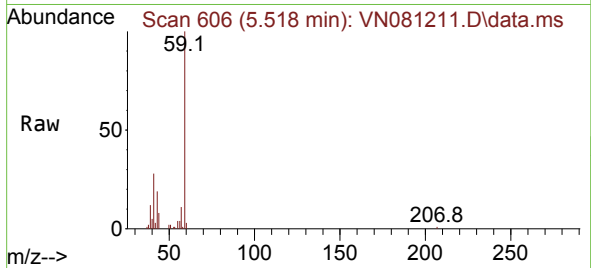




#11
Tert butyl alcohol
Concen: 108.958 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

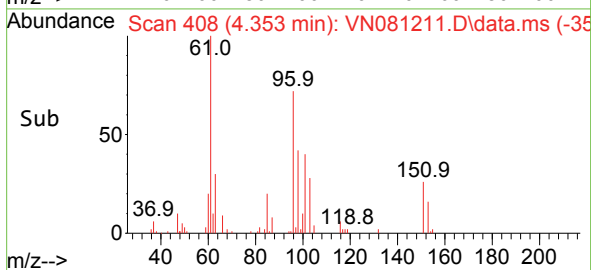
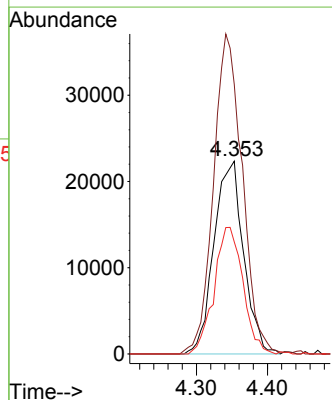
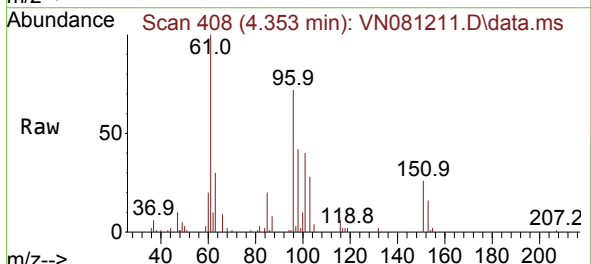
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

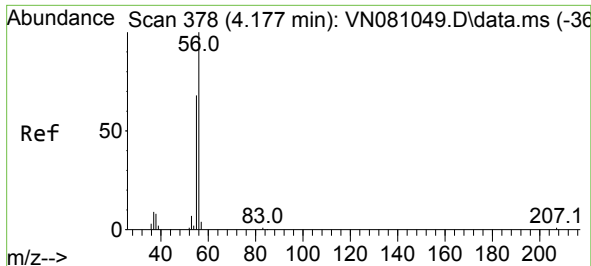
Tgt Ion: 59 Resp: 67758
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 20.734 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 96 Resp: 64686
Ion Ratio Lower Upper
96 100
61 139.8 138.2 207.4
98 58.1 49.2 73.8

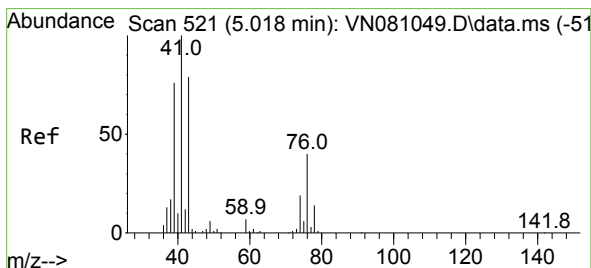
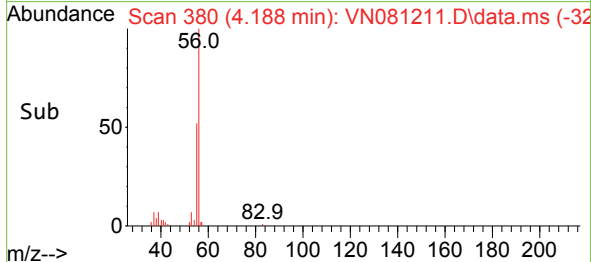
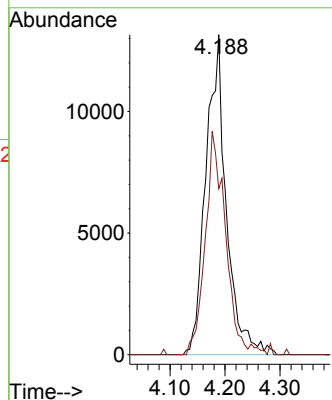
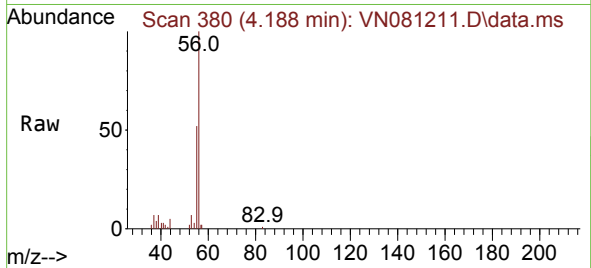




#13
Acrolein
Concen: 102.325 ug/l
RT: 4.188 min Scan# 378
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

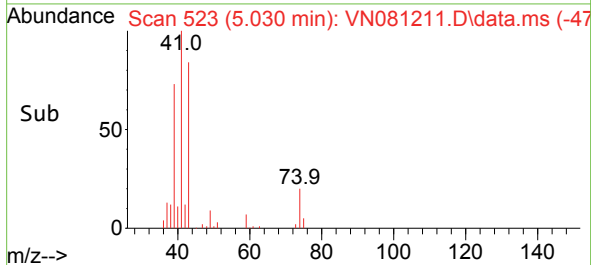
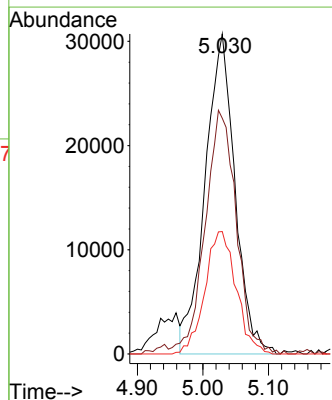
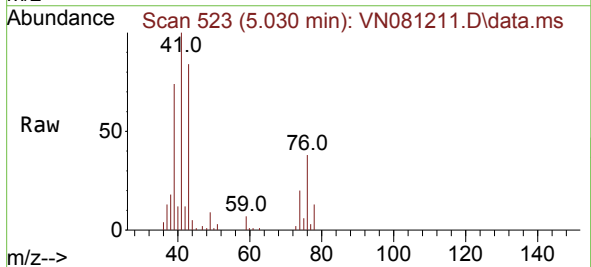
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

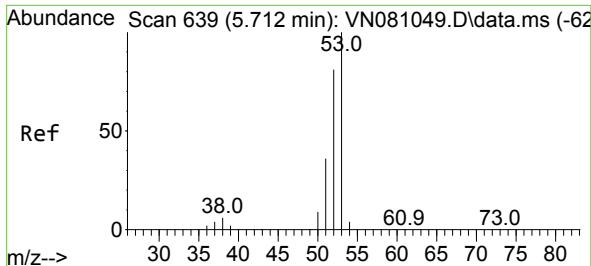
Tgt Ion: 56 Resp: 34106
Ion Ratio Lower Upper
56 100
55 68.0 55.3 82.9



#14
Allyl chloride
Concen: 20.932 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 41 Resp: 96896
Ion Ratio Lower Upper
41 100
39 79.8 57.7 86.5
76 40.1 26.8 40.2

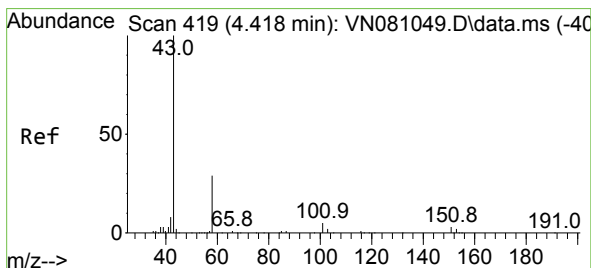
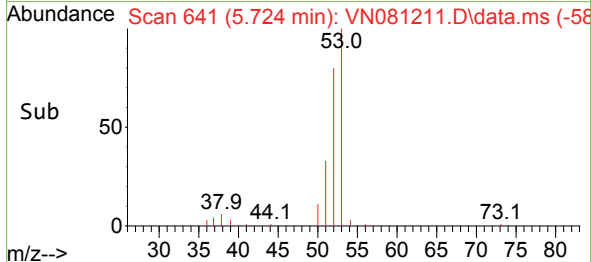
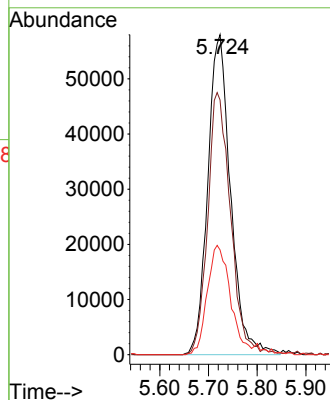
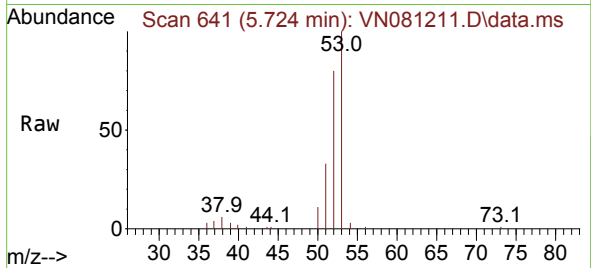




#15
Acrylonitrile
Concen: 115.999 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

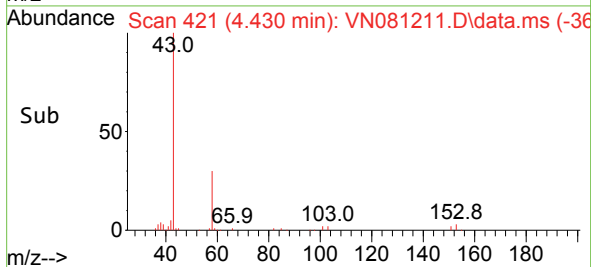
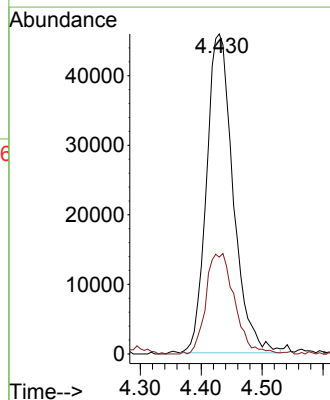
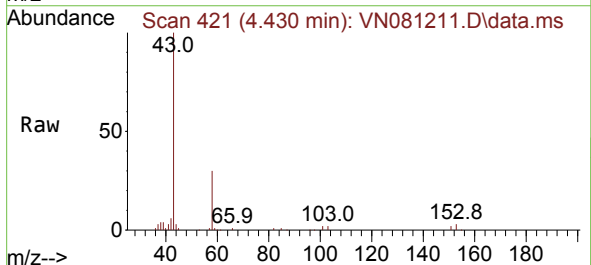
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

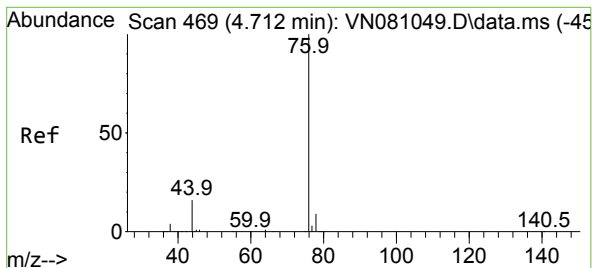
Tgt Ion: 53 Resp: 188397
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 34.7 26.9 40.3



#16
Acetone
Concen: 104.582 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 43 Resp: 139151
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2





#17

Carbon Disulfide

Concen: 17.801 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

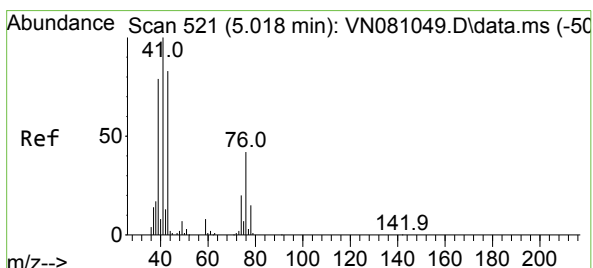
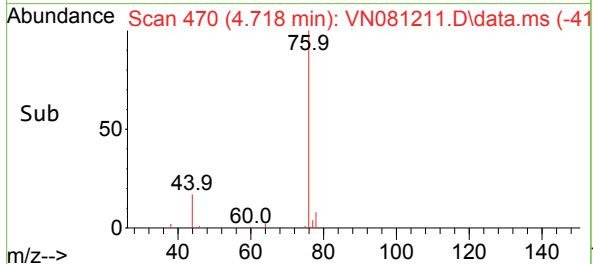
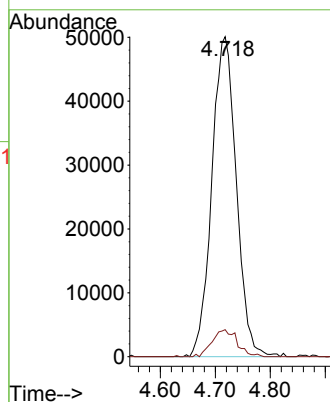
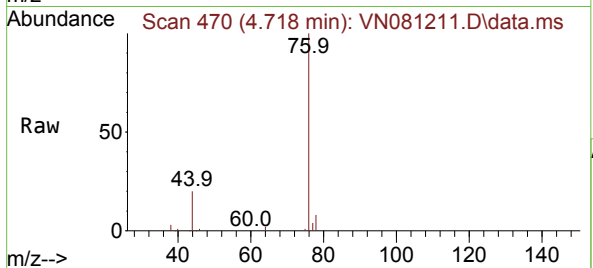
VN0227WBS01

Tgt Ion: 76 Resp: 154905

Ion Ratio Lower Upper

76 100

78 8.4 6.3 9.5



#18

Methyl Acetate

Concen: 27.287 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081211.D

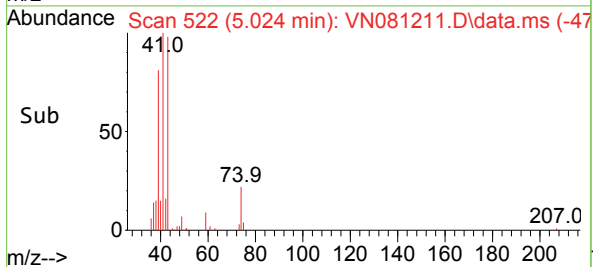
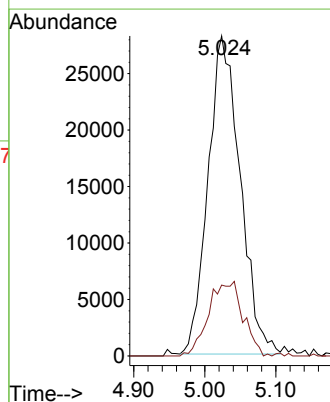
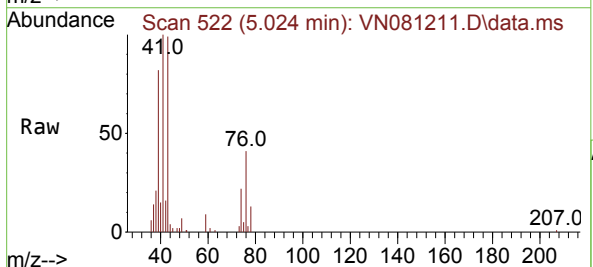
Acq: 27 Feb 2024 11:44

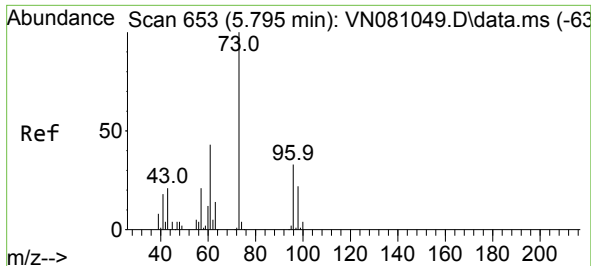
Tgt Ion: 43 Resp: 88570

Ion Ratio Lower Upper

43 100

74 25.1 17.3 25.9

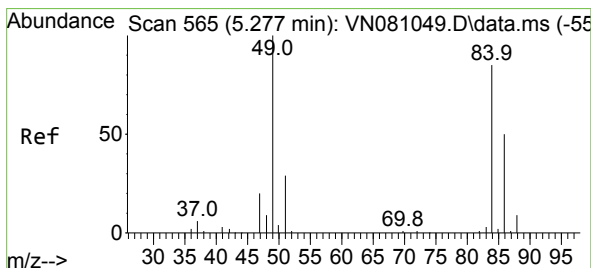
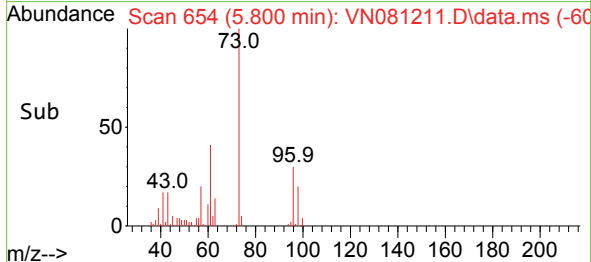
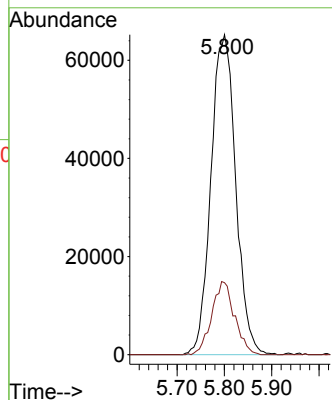
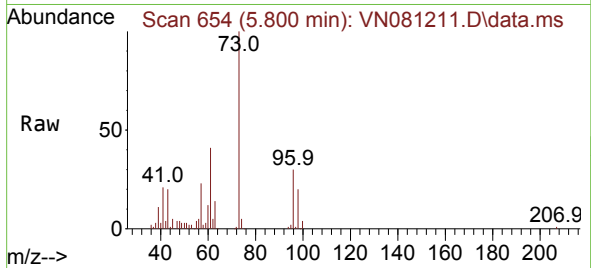




#19
Methyl tert-butyl Ether
Concen: 22.150 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

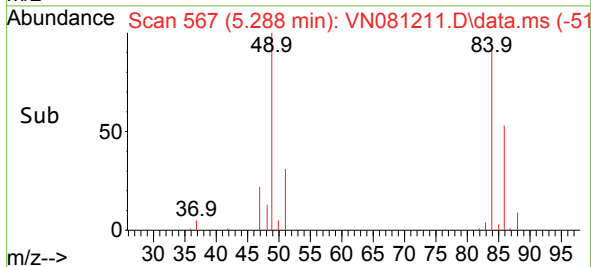
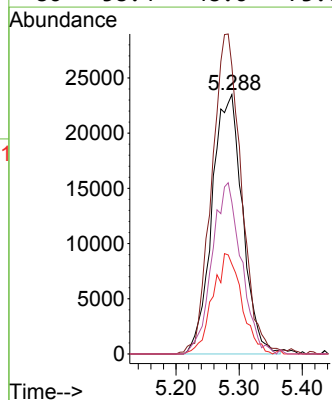
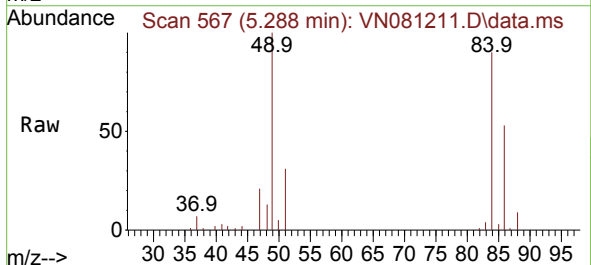
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

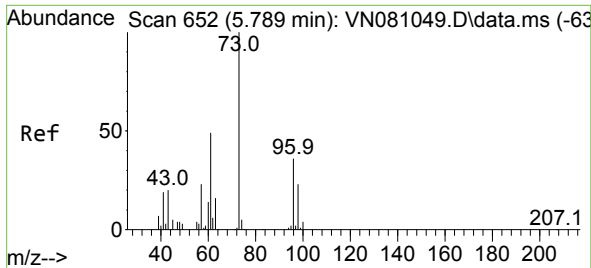
Tgt Ion: 73 Resp: 236677
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 22.414 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.011 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 84 Resp: 78916
Ion Ratio Lower Upper
84 100
49 110.4 108.1 162.1
51 34.6 32.9 49.3
86 58.4 48.6 73.0

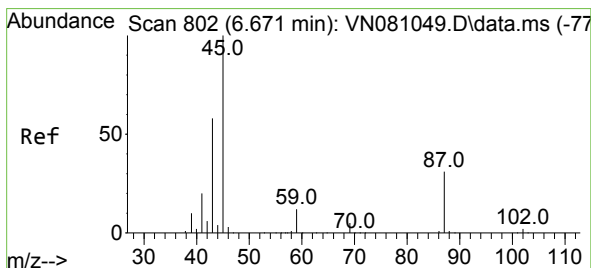
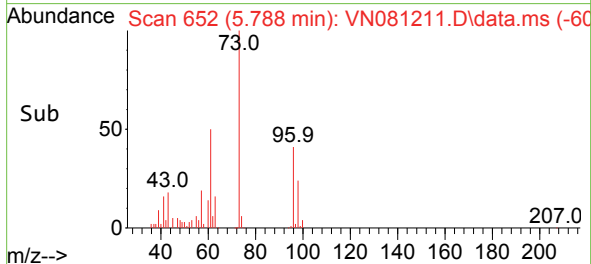
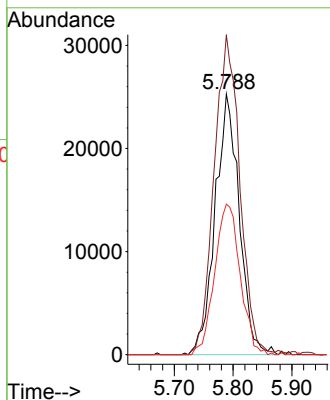
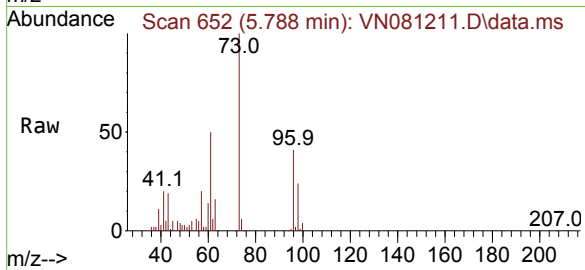




#21
trans-1,2-Dichloroethene
Concen: 20.681 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

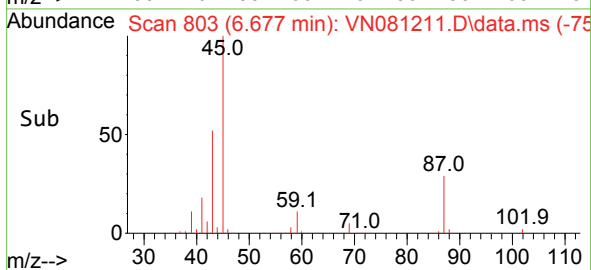
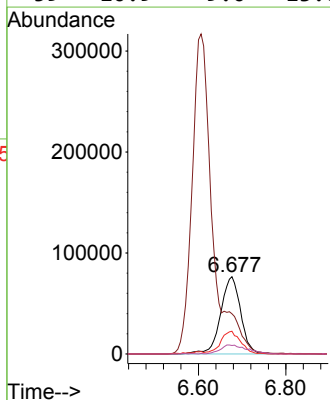
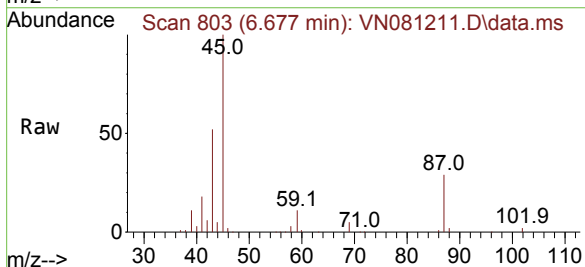
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

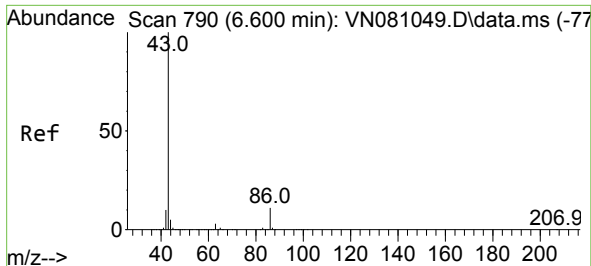
Tgt Ion: 96 Resp: 71988
Ion Ratio Lower Upper
96 100
61 122.8 112.8 169.2
98 57.8 51.0 76.4



#22
Diisopropyl ether
Concen: 23.109 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 45 Resp: 242665
Ion Ratio Lower Upper
45 100
43 51.1 41.8 62.8
87 29.5 18.1 27.1#
59 10.9 9.0 13.6

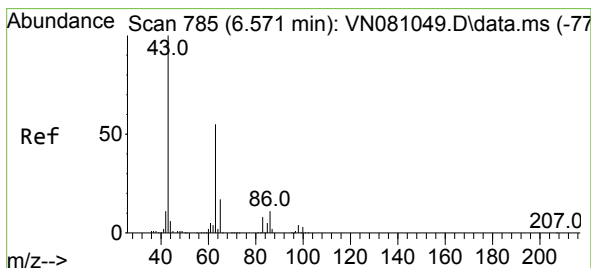
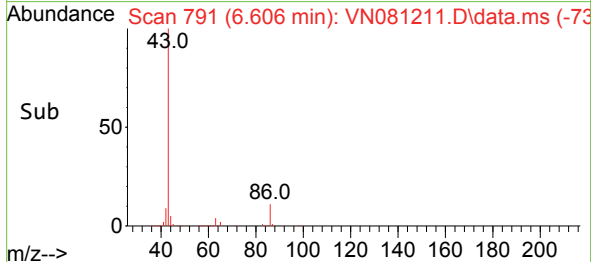
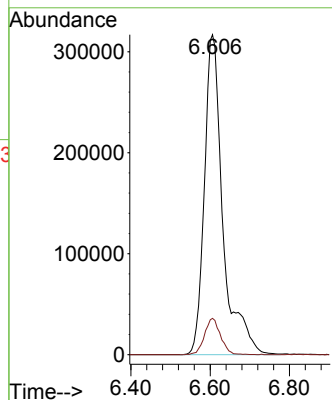
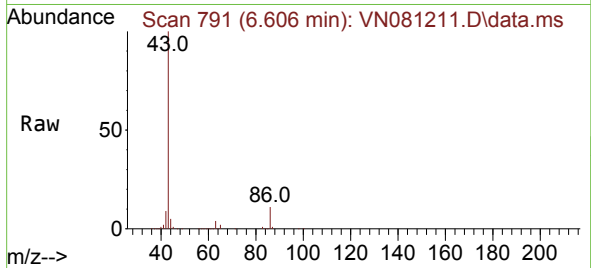




#23
 Vinyl Acetate
 Concen: 120.652 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

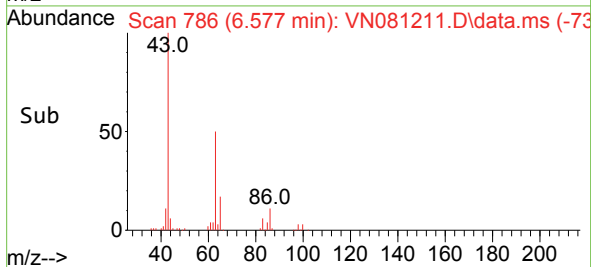
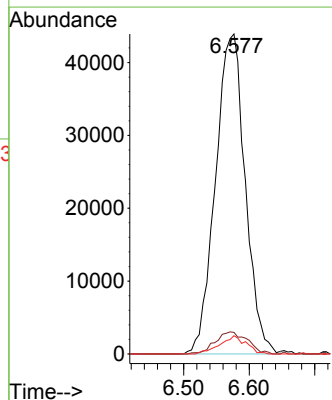
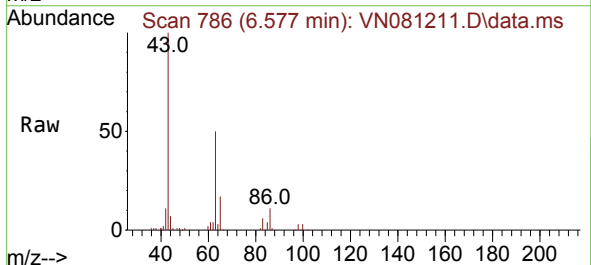
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

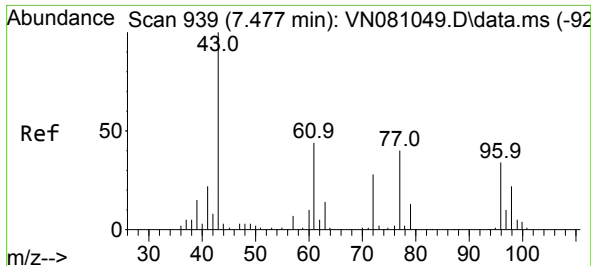
Tgt Ion: 43 Resp: 1027917
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.780 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 63 Resp: 138316
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 5.7 1.9 5.7#

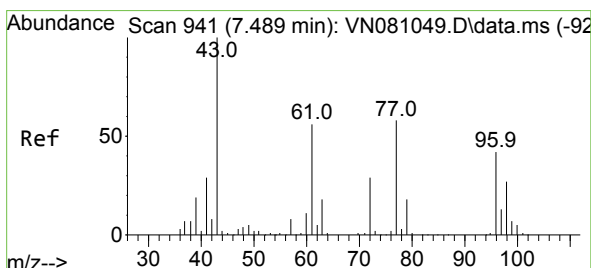
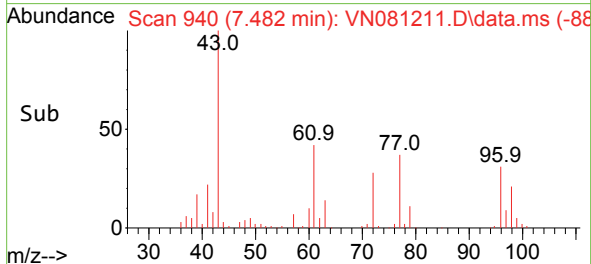
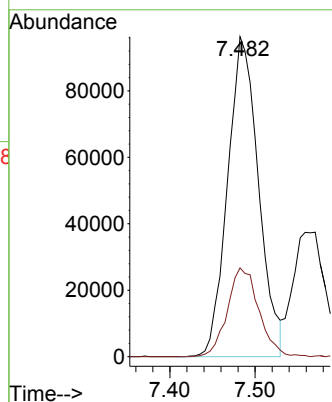
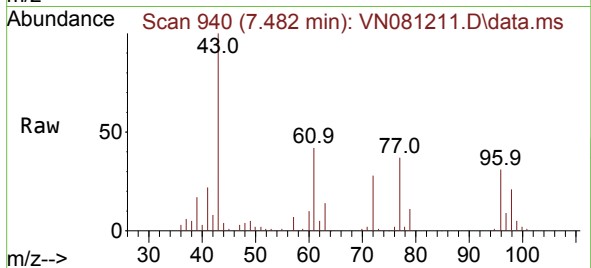




#25
2-Butanone
Concen: 113.092 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

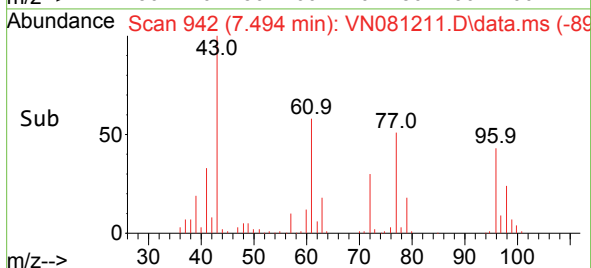
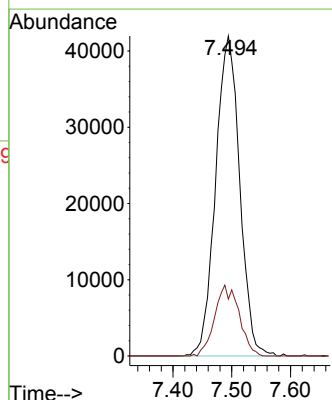
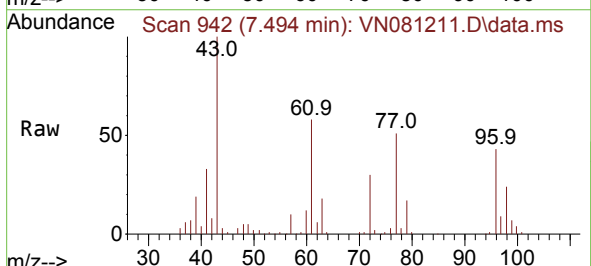
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

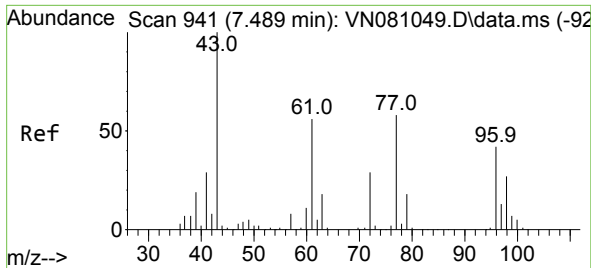
Tgt Ion: 43 Resp: 243096
Ion Ratio Lower Upper
43 100
72 27.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 21.017 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 77 Resp: 119570
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5

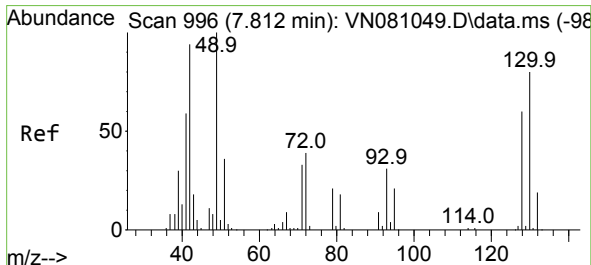
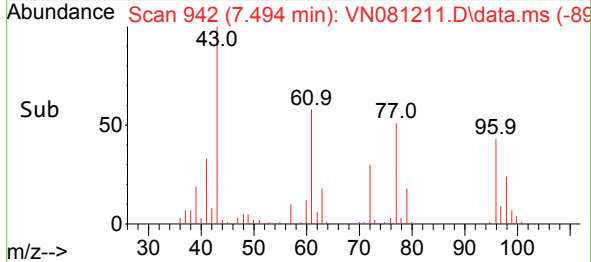
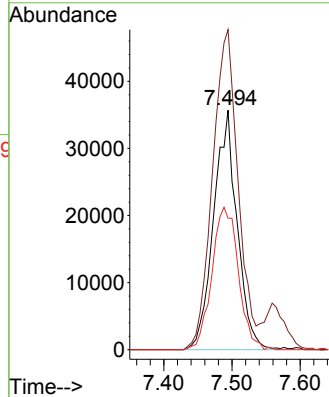
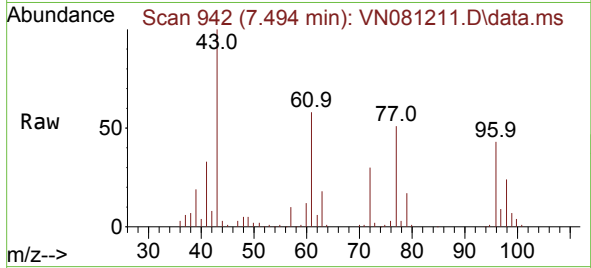




#27
 cis-1,2-Dichloroethene
 Concen: 21.204 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

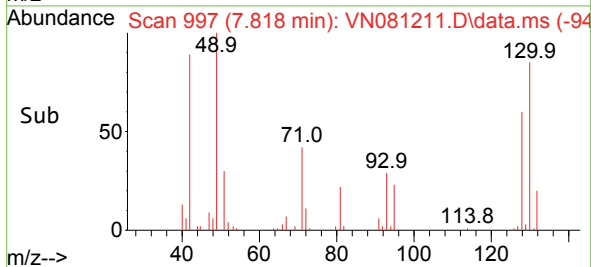
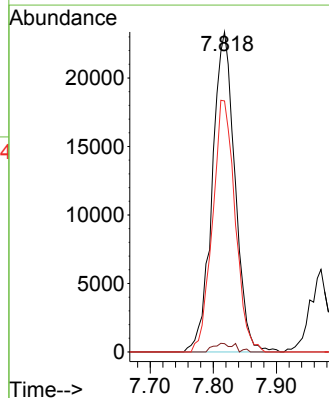
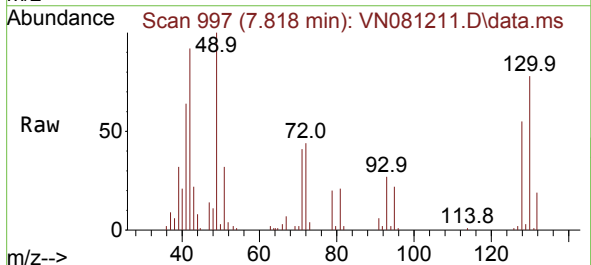
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

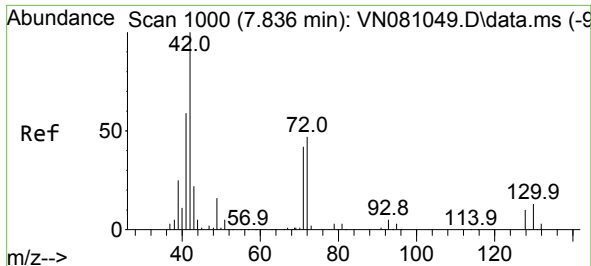
Tgt Ion: 96 Resp: 85751
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 325.4
 98 66.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 23.217 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 49 Resp: 58441
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 78.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 113.611 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

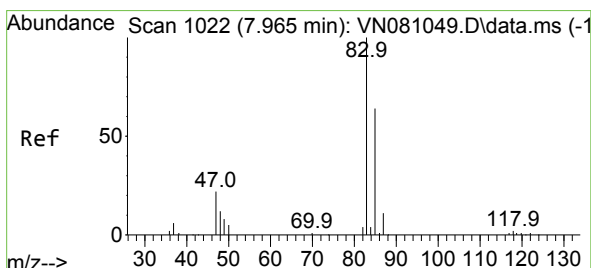
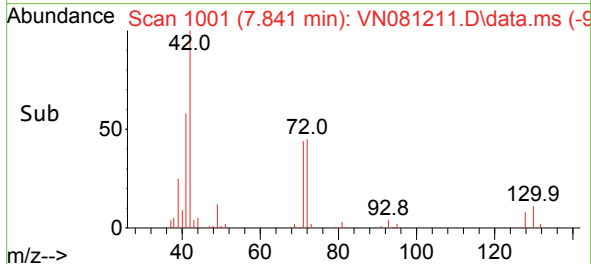
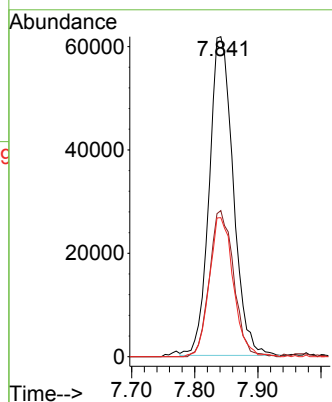
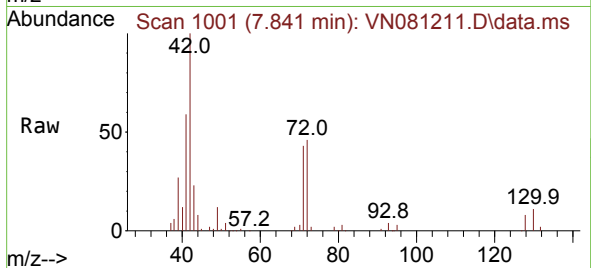
Tgt Ion: 42 Resp: 163022

Ion Ratio Lower Upper

42 100

72 46.3 31.1 46.7

71 43.6 28.3 42.5#



#30

Chloroform

Concen: 22.993 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081211.D

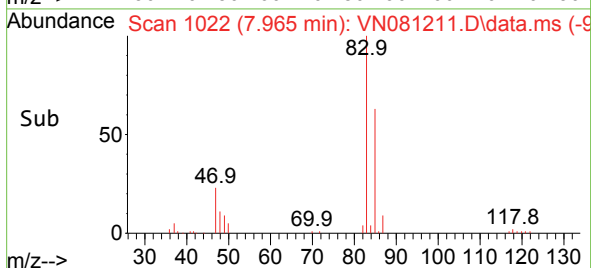
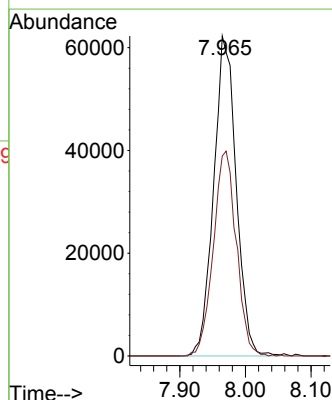
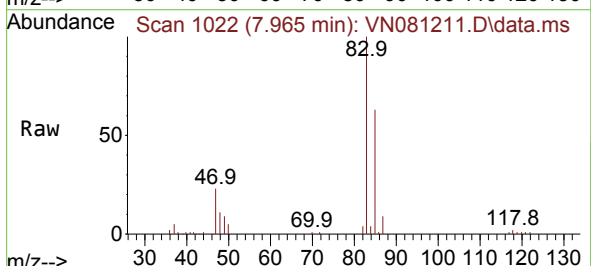
Acq: 27 Feb 2024 11:44

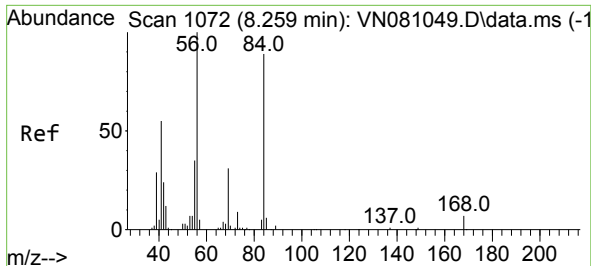
Tgt Ion: 83 Resp: 148411

Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.6

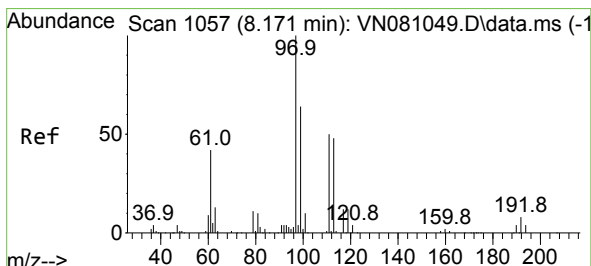
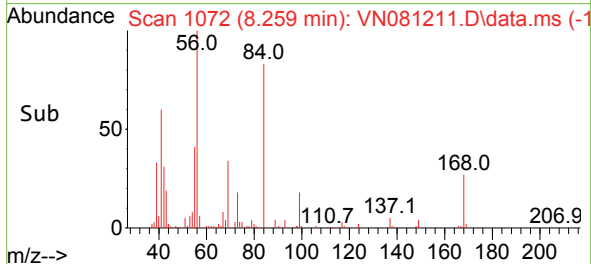
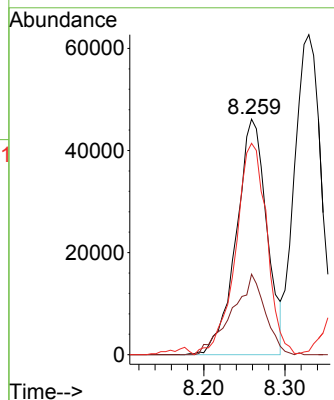
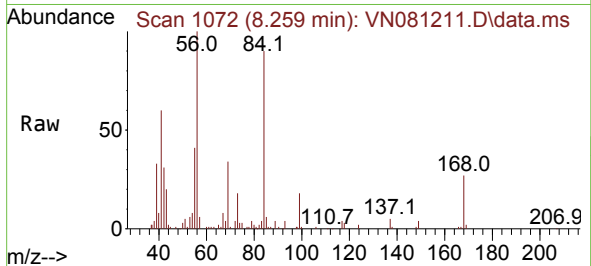




#31
Cyclohexane
Concen: 20.669 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

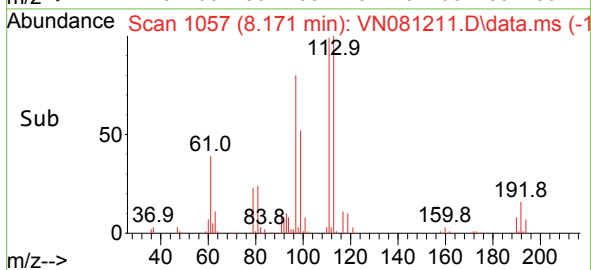
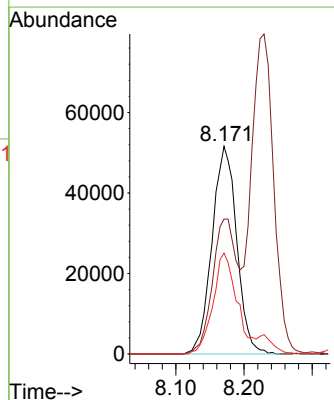
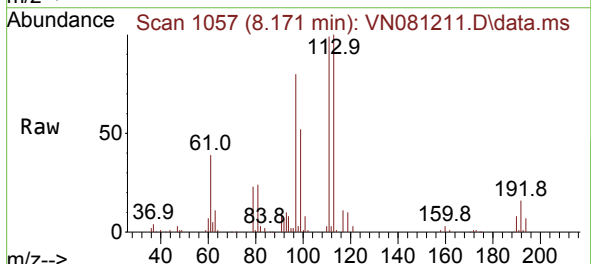
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

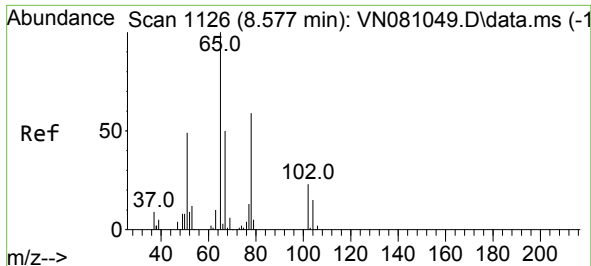
Tgt Ion: 56 Resp: 120682
Ion Ratio Lower Upper
56 100
69 34.2 20.1 30.1#
84 87.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 22.096 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 97 Resp: 129890
Ion Ratio Lower Upper
97 100
99 64.0 53.4 80.0
61 47.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.385 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

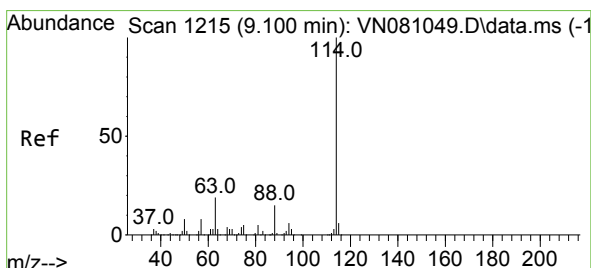
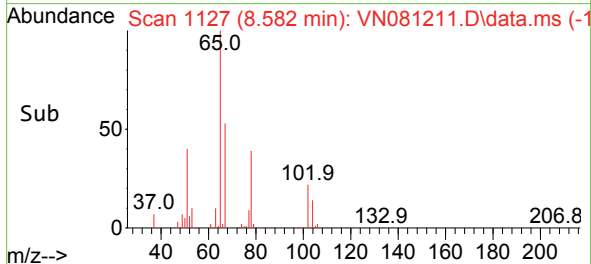
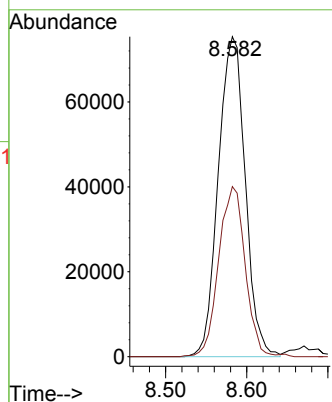
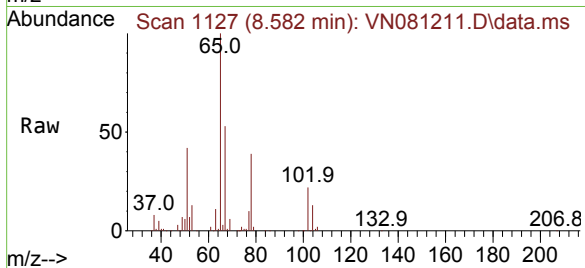
VN0227WBS01

Tgt Ion: 65 Resp: 173759

Ion Ratio Lower Upper

65 100

67 52.4 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: VN081211.D

Acq: 27 Feb 2024 11:44

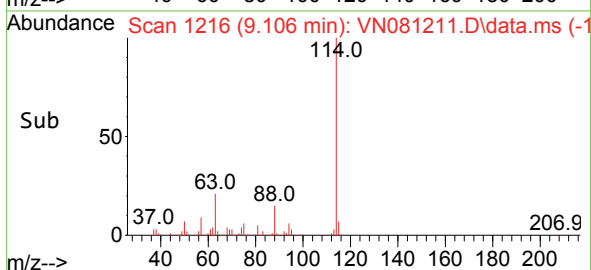
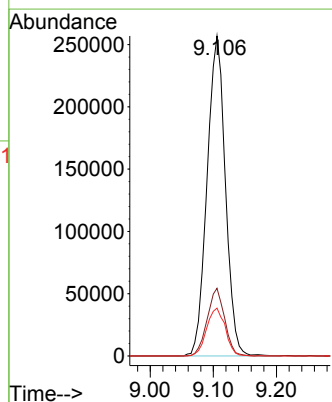
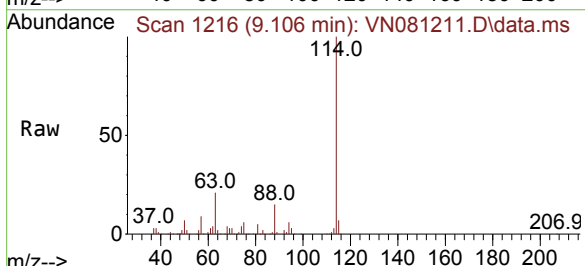
Tgt Ion: 114 Resp: 517796

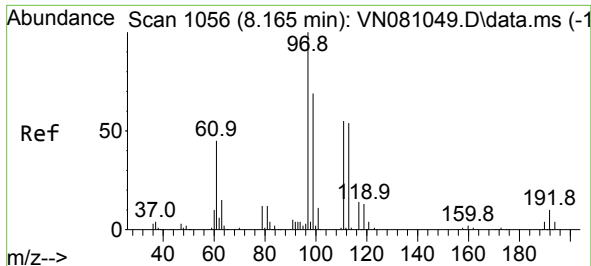
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

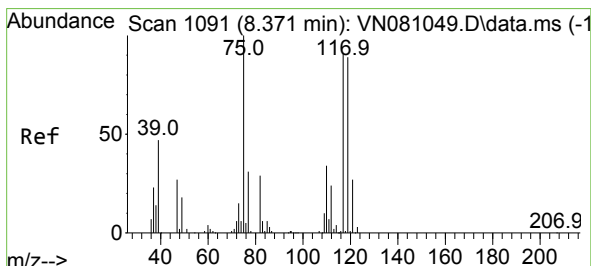
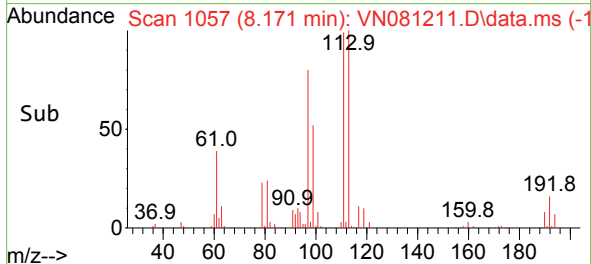
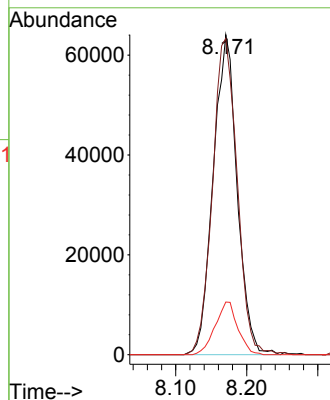
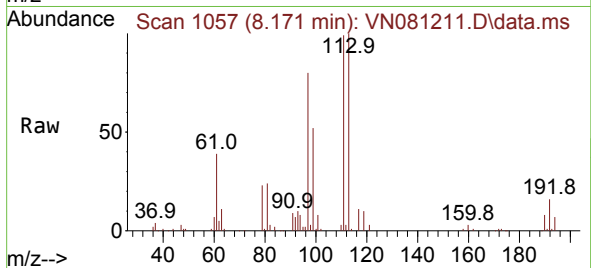
Tgt Ion:113 Resp: 149725

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 15.6 12.5 18.7



#36

1,1-Dichloropropene

Concen: 20.853 ug/l

RT: 8.376 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

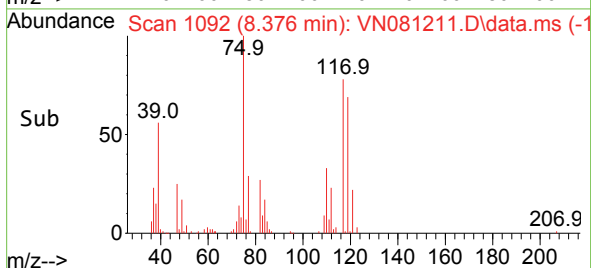
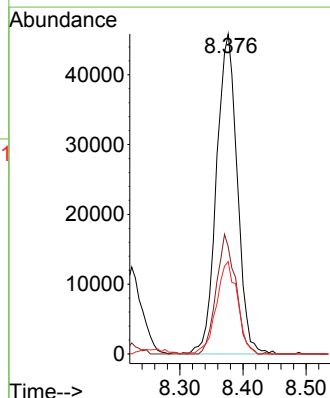
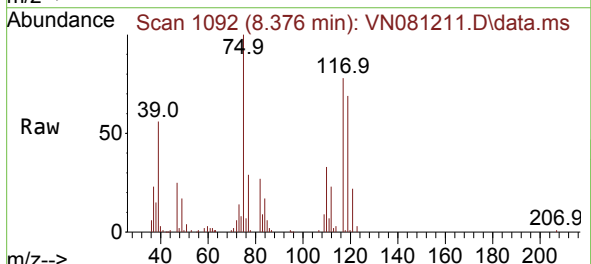
Tgt Ion: 75 Resp: 104602

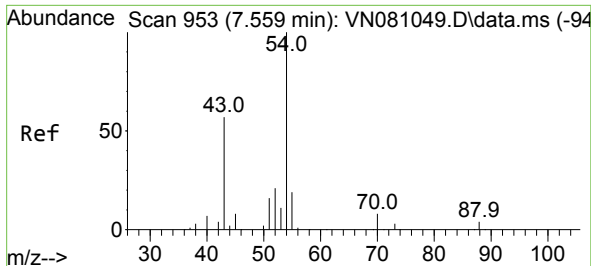
Ion Ratio Lower Upper

75 100

110 35.1 16.0 48.0

77 29.6 25.8 38.6





#37

Ethyl Acetate

Concen: 22.845 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

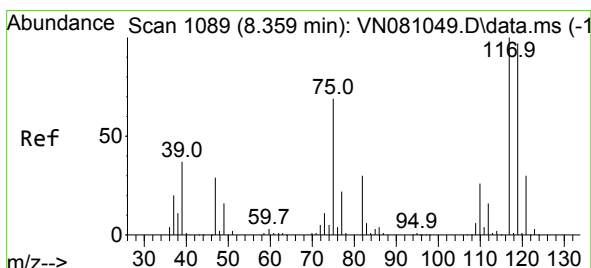
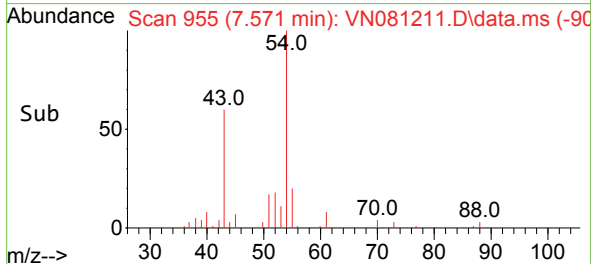
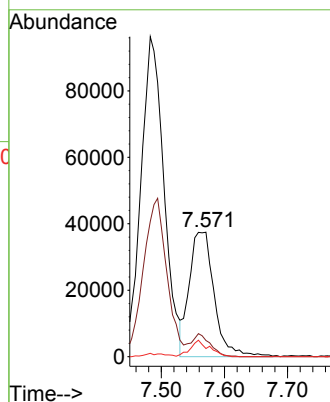
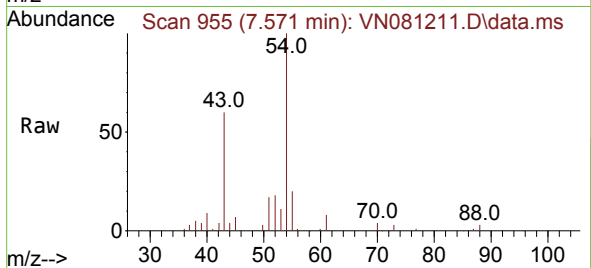
Tgt Ion: 43 Resp: 103425

Ion Ratio Lower Upper

43 100

61 13.2 10.6 15.8

70 9.9 8.0 12.0



#38

Carbon Tetrachloride

Concen: 21.420 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

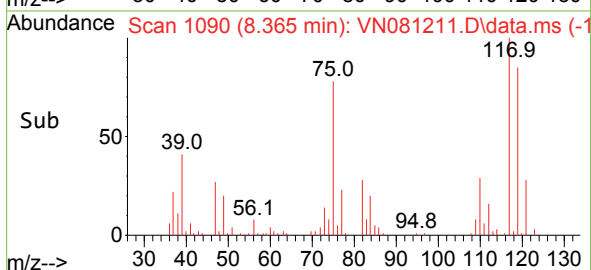
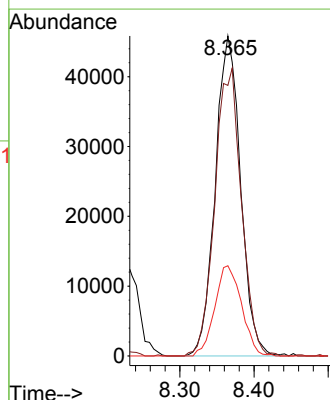
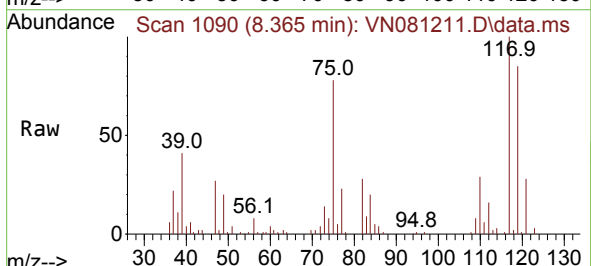
Tgt Ion: 117 Resp: 108710

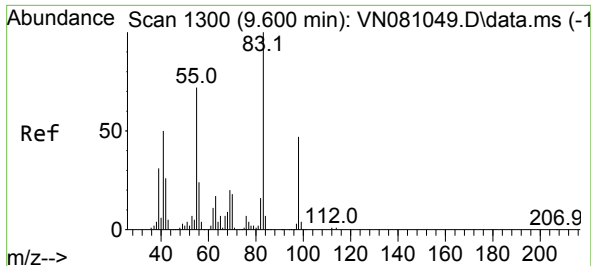
Ion Ratio Lower Upper

117 100

119 84.5 73.4 110.2

121 28.2 24.4 36.6

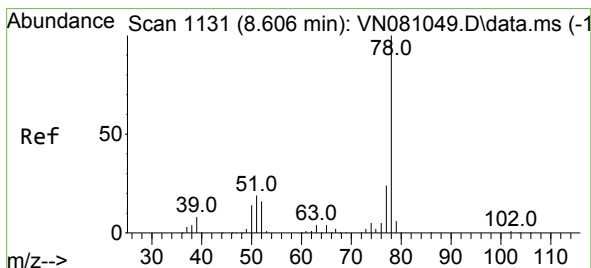
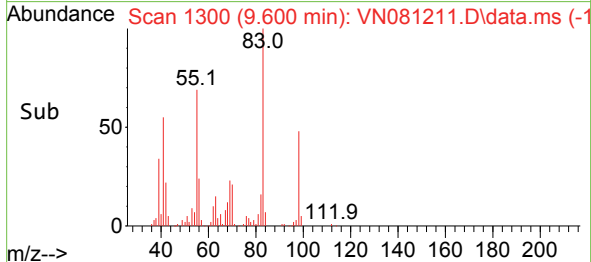
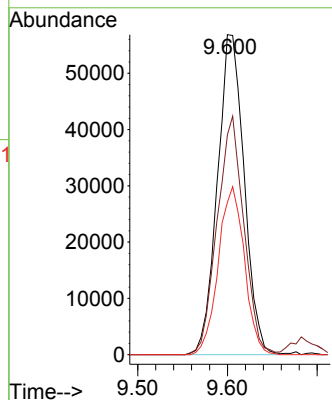
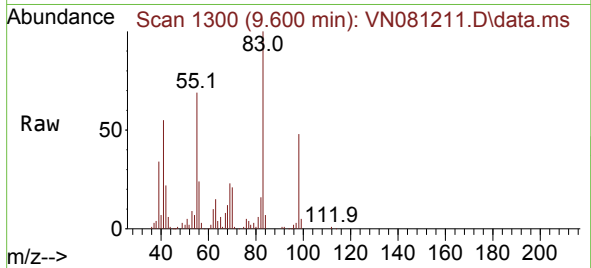




#39
Methylcyclohexane
Concen: 20.129 ug/l
RT: 9.600 min Scan# 117707
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

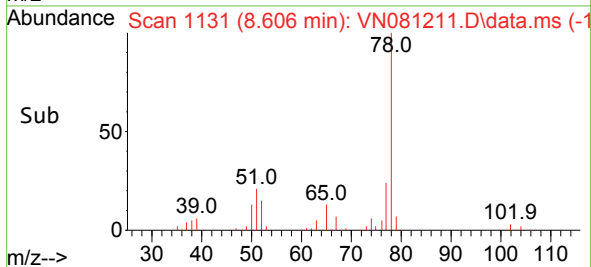
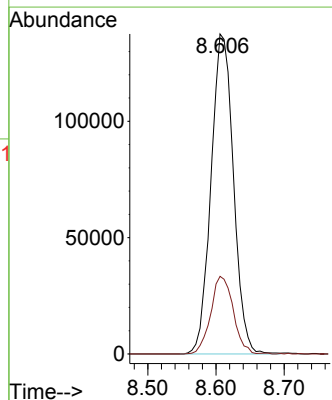
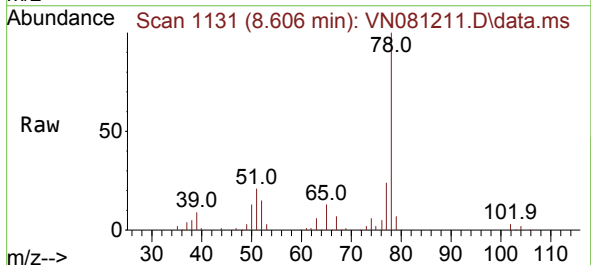
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

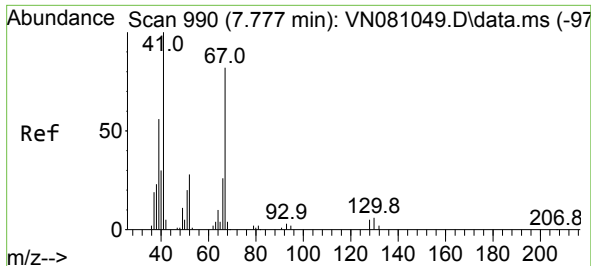
Tgt Ion: 83 Resp: 117707
Ion Ratio Lower Upper
83 100
55 68.7 65.7 98.5
98 47.6 33.8 50.6



#40
Benzene
Concen: 21.676 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 78 Resp: 314728
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6

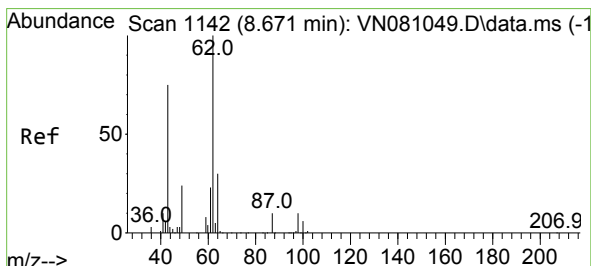
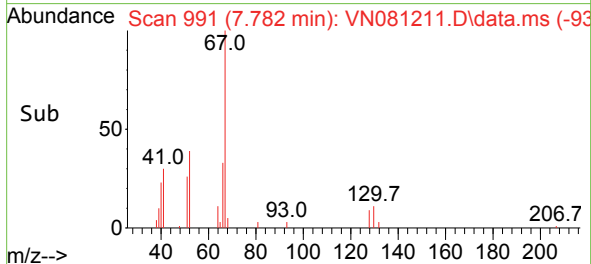
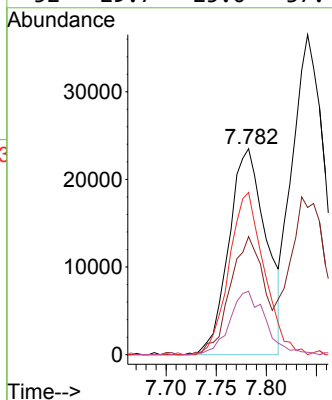
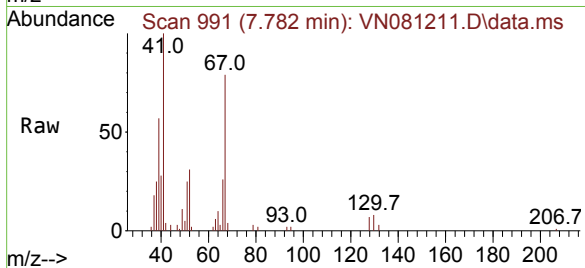




#41
Methacrylonitrile
Concen: 23.584 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

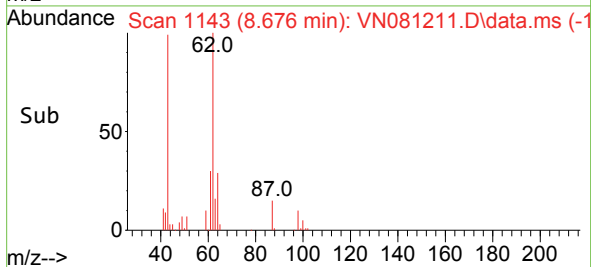
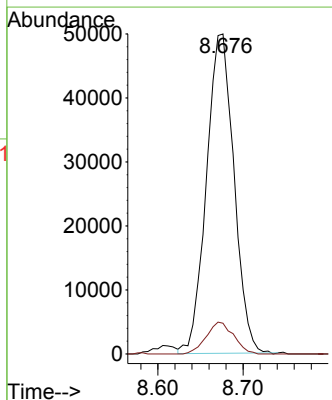
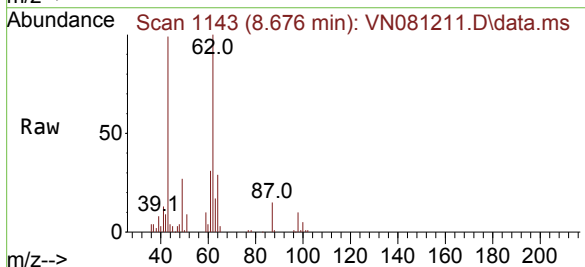
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

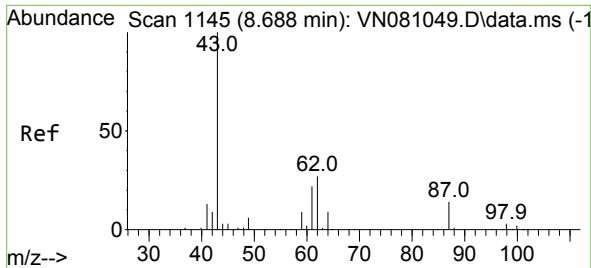
Tgt Ion:	41	Resp:	60766
Ion	Ratio	Lower	Upper
41	100		
39	51.9	48.4	72.6
67	74.3	56.8	85.2
52	29.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.111 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:	62	Resp:	112006
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0

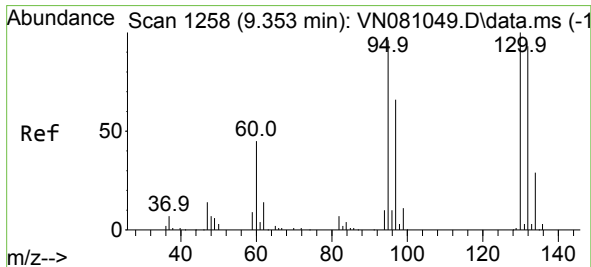
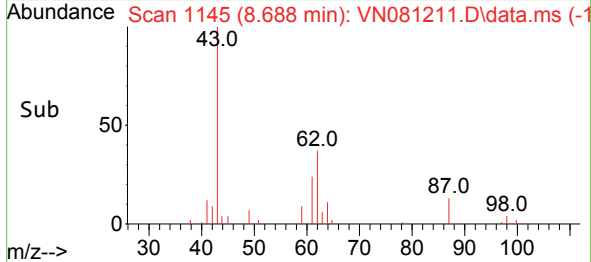
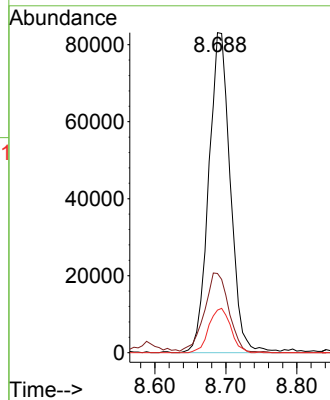
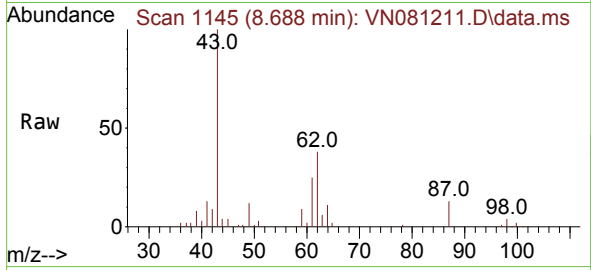




#43
Isopropyl Acetate
Concen: 22.146 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

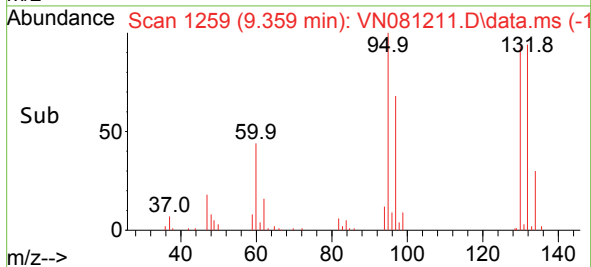
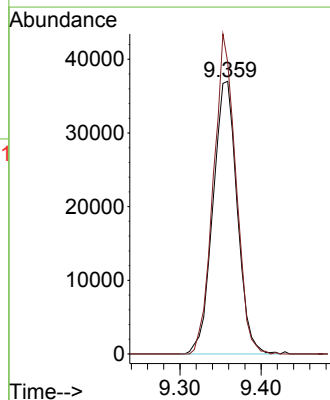
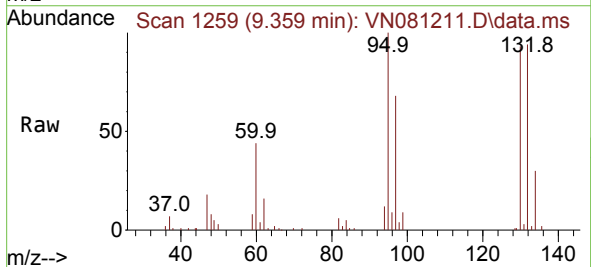
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

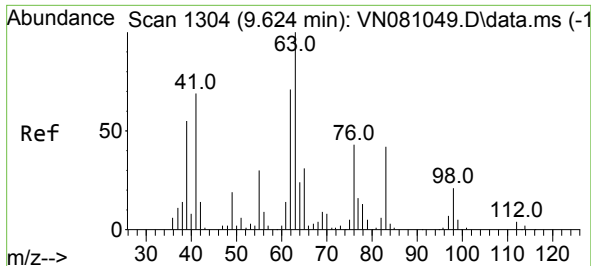
Tgt Ion: 43 Resp: 175350
Ion Ratio Lower Upper
43 100
61 28.5 19.9 29.9
87 14.0 9.0 13.6#



#44
Trichloroethene
Concen: 19.854 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:130 Resp: 76779
Ion Ratio Lower Upper
130 100
95 107.0 0.0 210.4

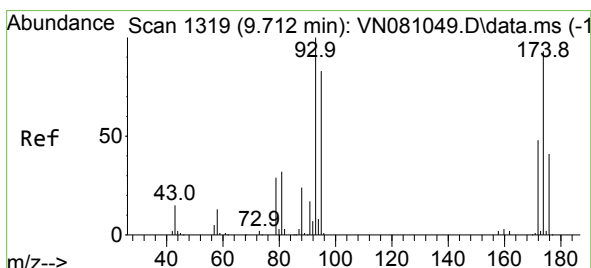
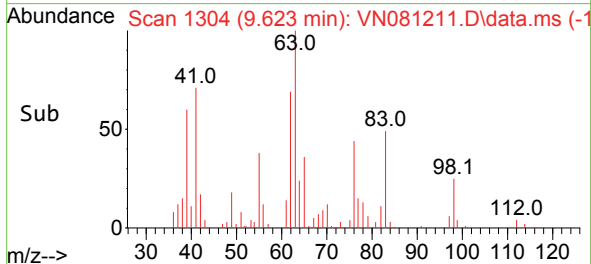
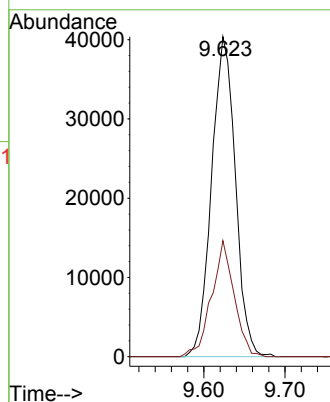
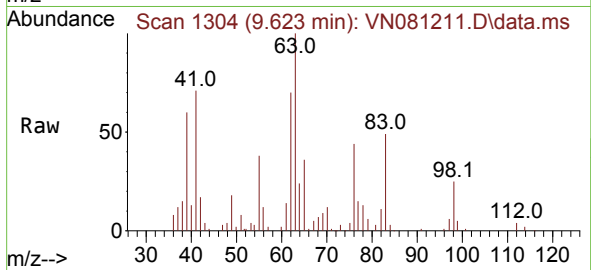




#45
1,2-Dichloropropane
Concen: 22.640 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

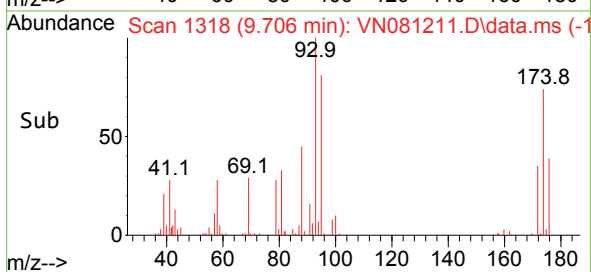
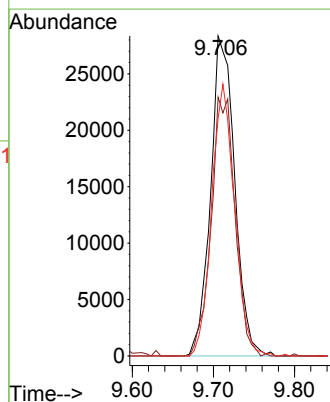
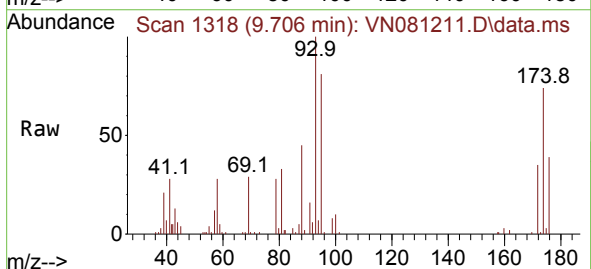
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

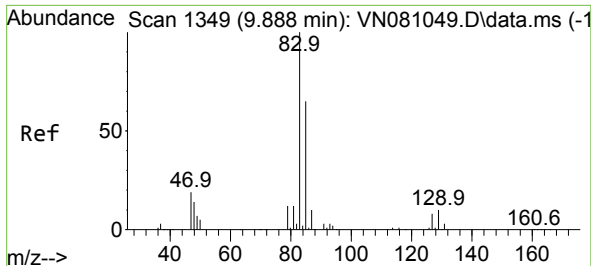
Tgt Ion: 63 Resp: 82228
Ion Ratio Lower Upper
63 100
65 36.2 26.1 39.1



#46
Dibromomethane
Concen: 22.153 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 93 Resp: 58623
Ion Ratio Lower Upper
93 100
95 80.5 68.1 102.1
174 80.9 57.2 85.8

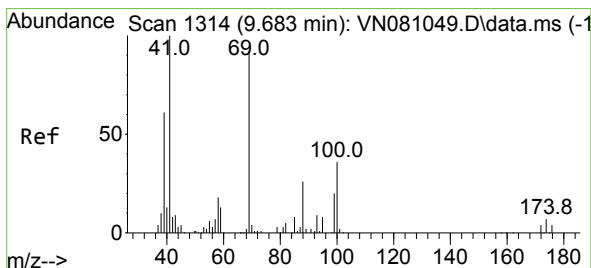
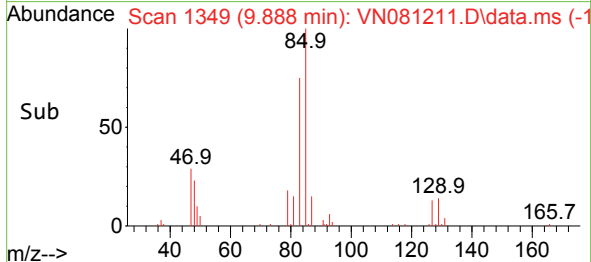
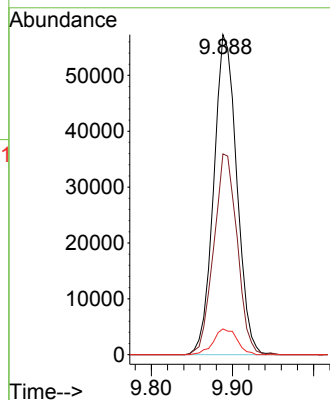
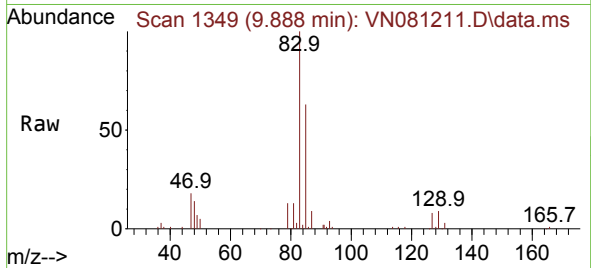




#47
Bromodichloromethane
Concen: 22.551 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

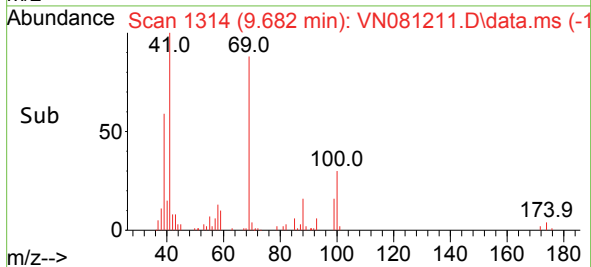
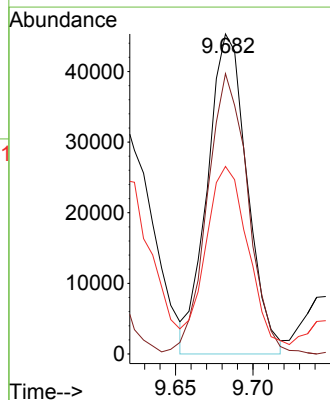
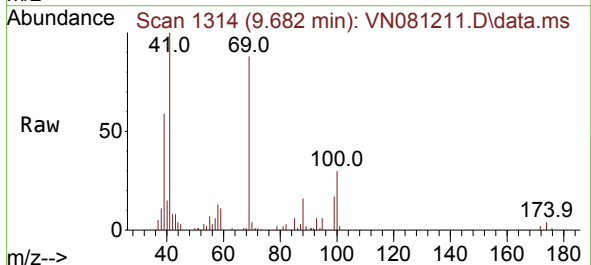
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

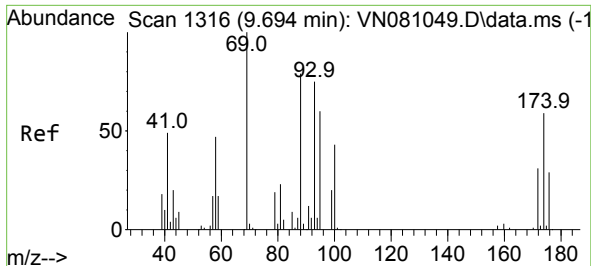
Tgt Ion: 83 Resp: 113023
Ion Ratio Lower Upper
83 100
85 62.8 52.3 78.5
127 8.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.972 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 41 Resp: 80951
Ion Ratio Lower Upper
41 100
69 89.8 62.2 93.2
39 64.3 47.6 71.4





#49

1,4-Dioxane

Concen: 426.948 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

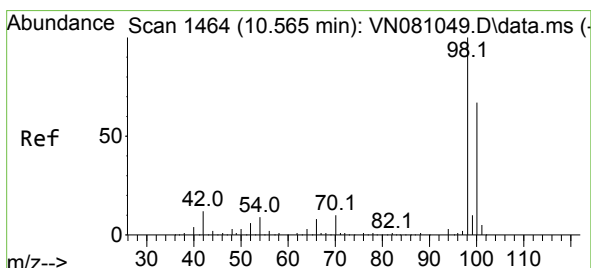
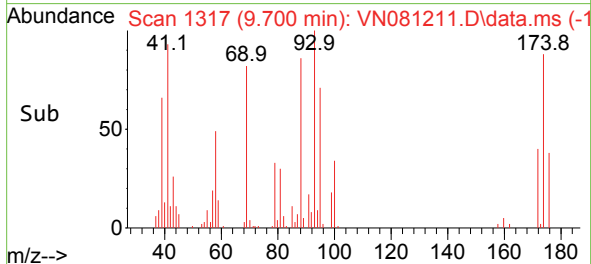
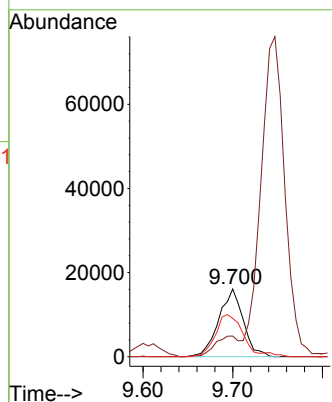
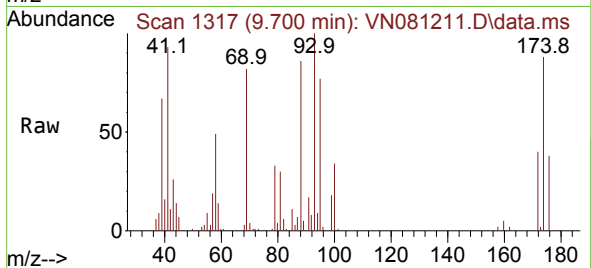
Tgt Ion: 88 Resp: 30497

Ion Ratio Lower Upper

88 100

43 28.8 30.1 45.1#

58 71.2 63.9 95.9



#50

Toluene-d8

Concen: 46.862 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081211.D

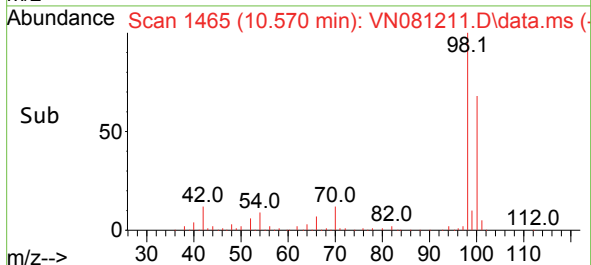
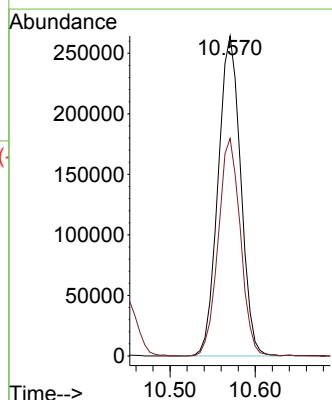
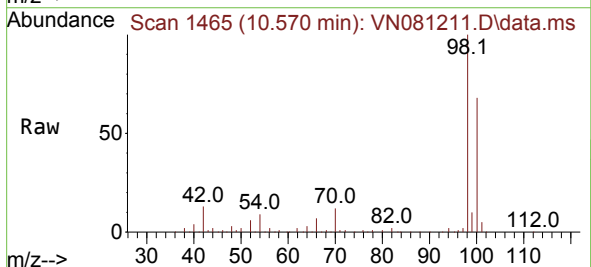
Acq: 27 Feb 2024 11:44

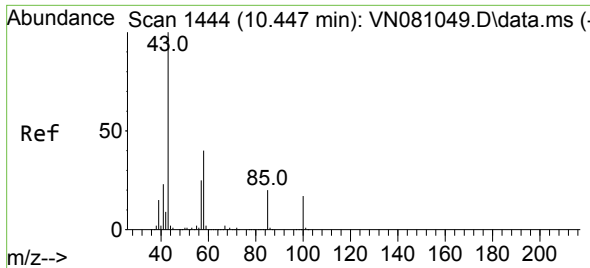
Tgt Ion: 98 Resp: 487337

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0

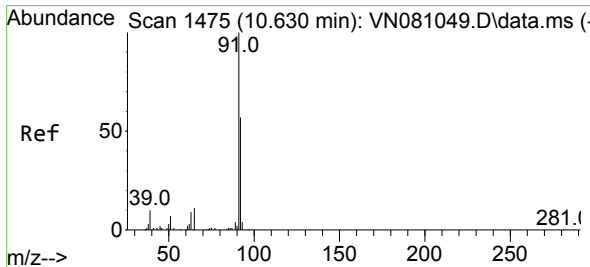
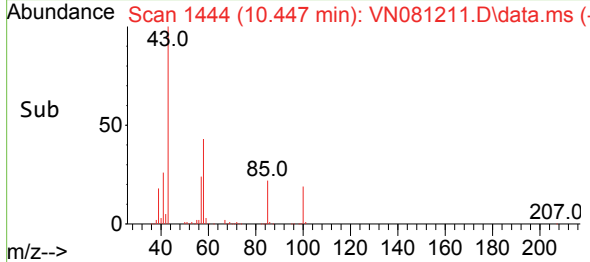
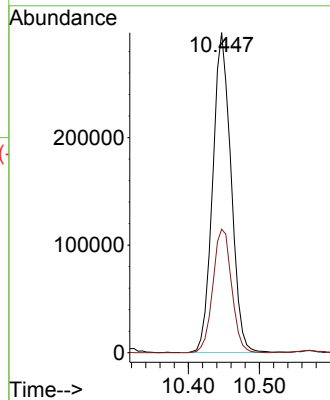
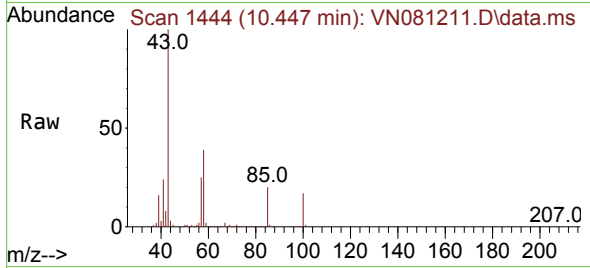




#51
4-Methyl-2-Pentanone
Concen: 116.613 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

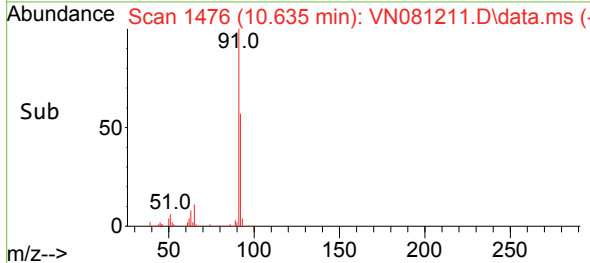
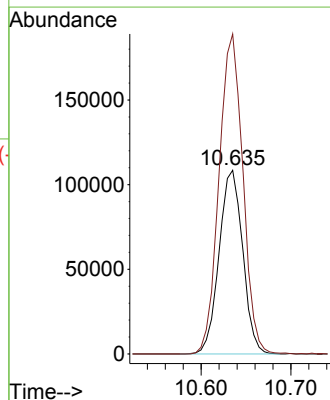
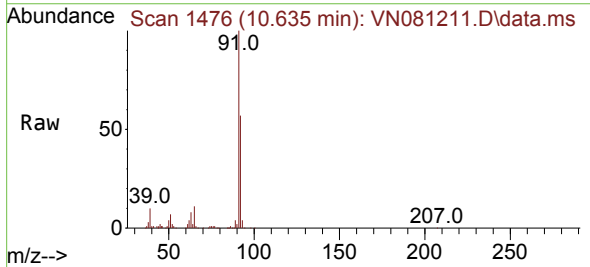
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

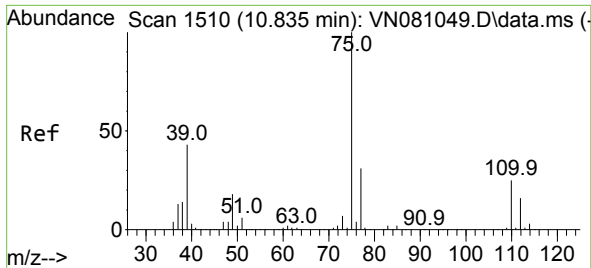
Tgt Ion: 43 Resp: 531139
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 21.573 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 92 Resp: 198300
Ion Ratio Lower Upper
92 100
91 175.7 139.4 209.0

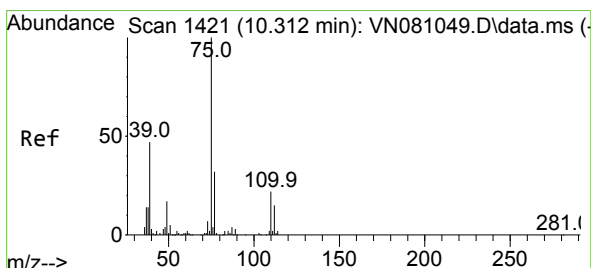
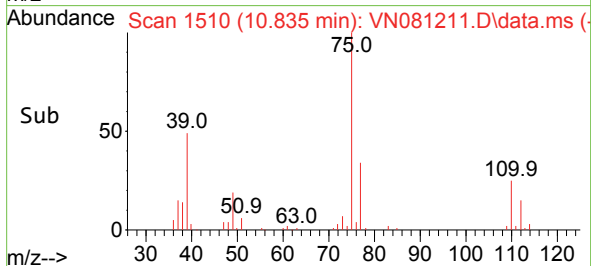
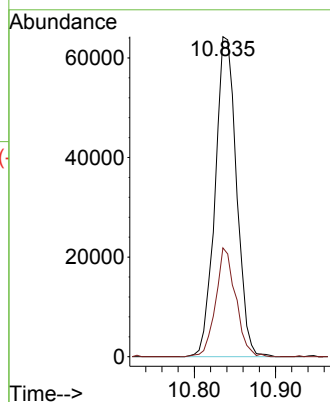
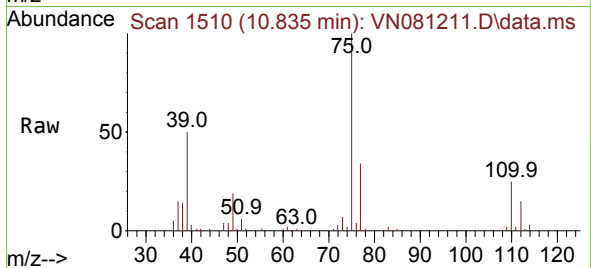




#53
 t-1,3-Dichloropropene
 Concen: 21.162 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

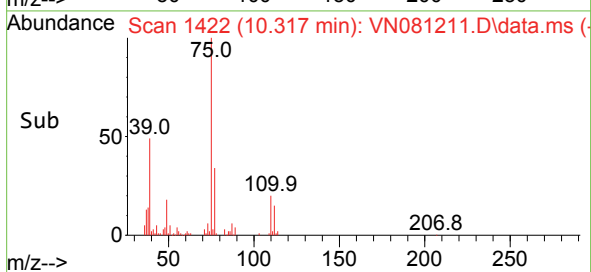
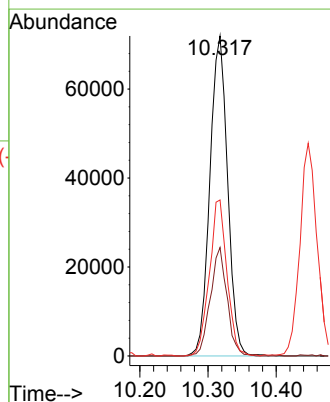
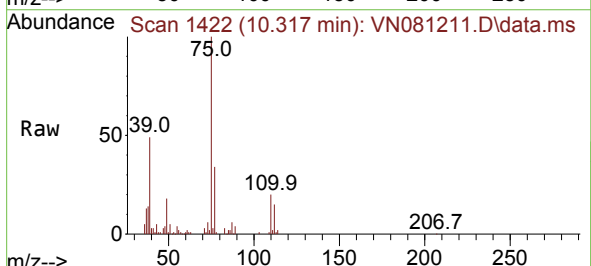
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

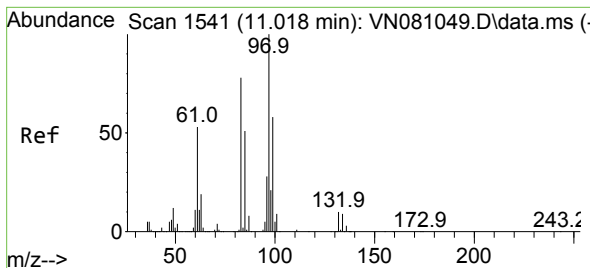
Tgt Ion: 75 Resp: 117866
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.644 ug/l
 RT: 10.317 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 130241
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.3 34.9
 39 48.8 44.6 66.8

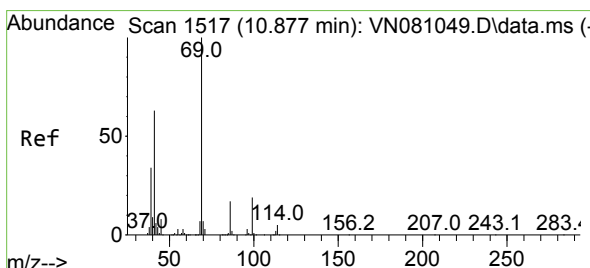
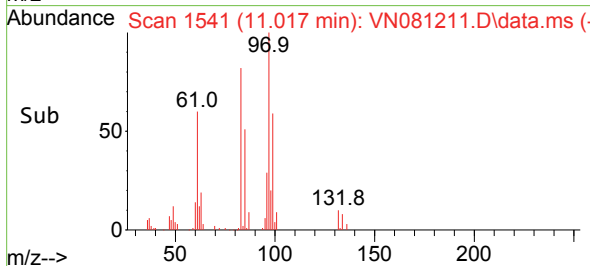
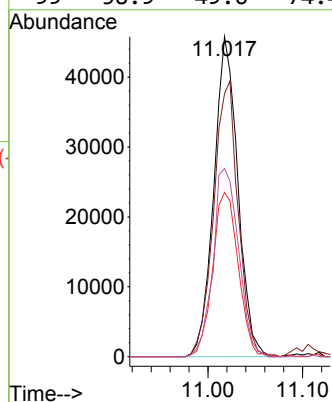
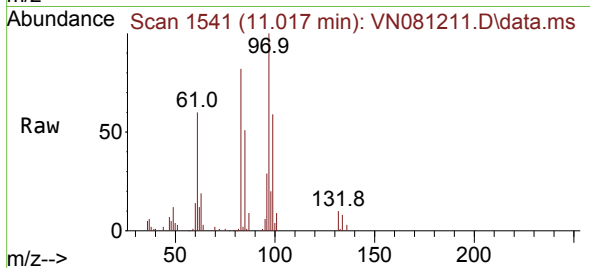




#55
1,1,2-Trichloroethane
Concen: 22.801 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

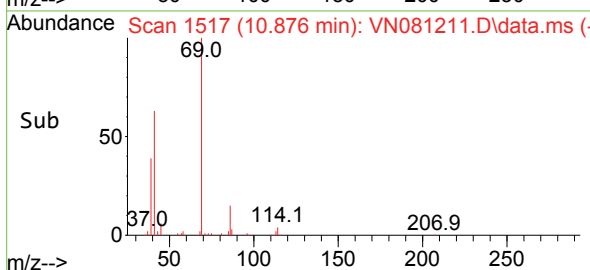
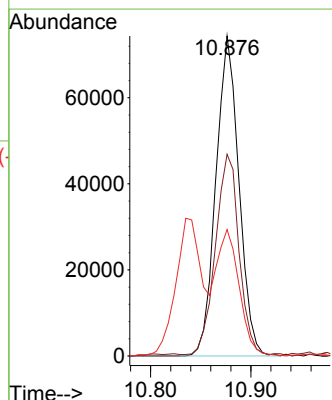
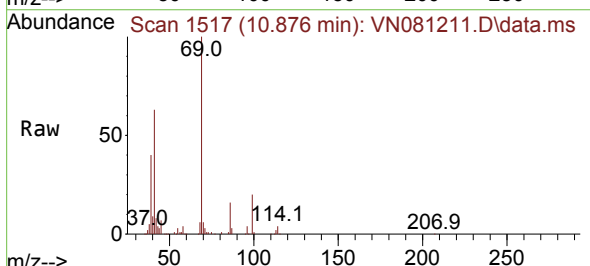
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

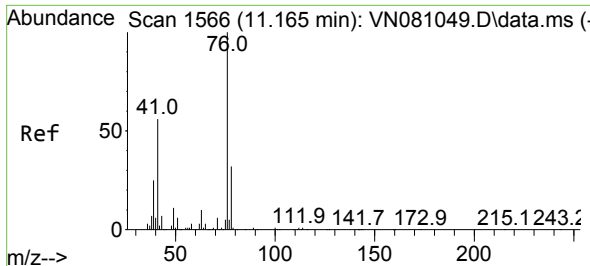
Tgt Ion:	97	Resp:	80610
Ion	Ratio	Lower	Upper
97	100		
83	82.2	72.9	109.3
85	51.4	50.2	75.2
99	58.9	49.6	74.4



#56
Ethyl methacrylate
Concen: 21.914 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:	69	Resp:	118408
Ion	Ratio	Lower	Upper
69	100		
41	63.7	61.0	91.6
39	39.2	31.8	47.6

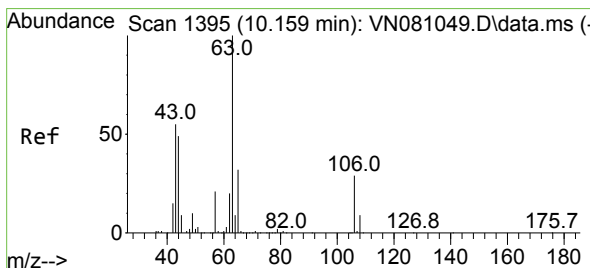
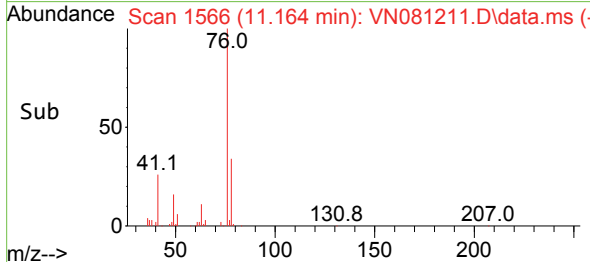
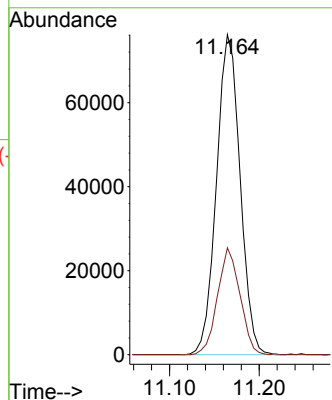
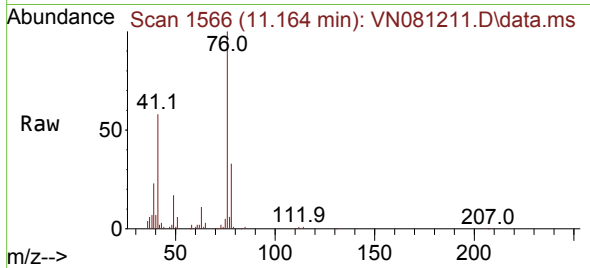




#57
1,3-Dichloropropane
Concen: 22.756 ug/l
RT: 11.164 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

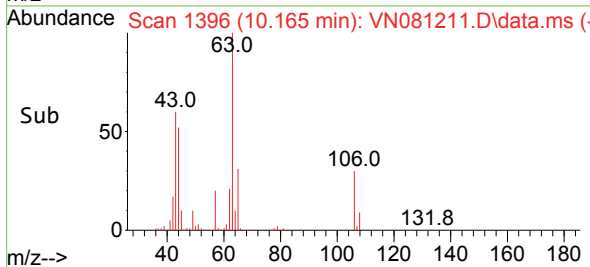
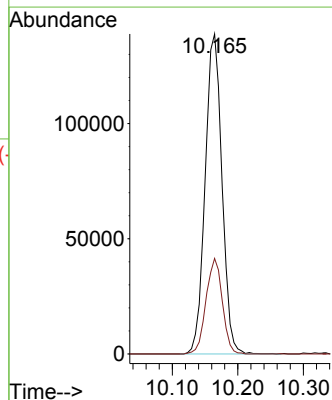
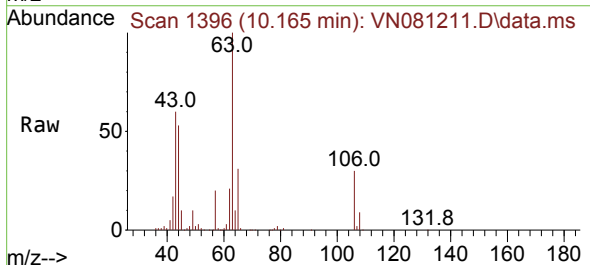
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

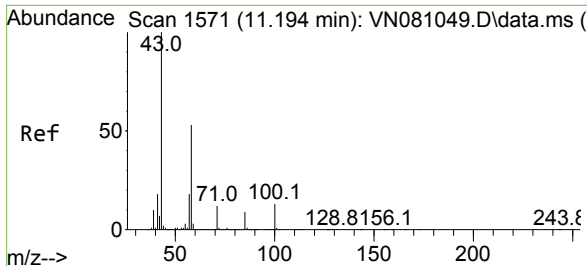
Tgt Ion: 76 Resp: 139104
Ion Ratio Lower Upper
76 100
78 31.7 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 91.426 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 63 Resp: 247859
Ion Ratio Lower Upper
63 100
106 28.9 18.6 28.0#

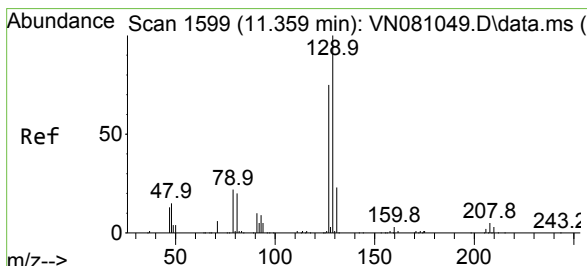
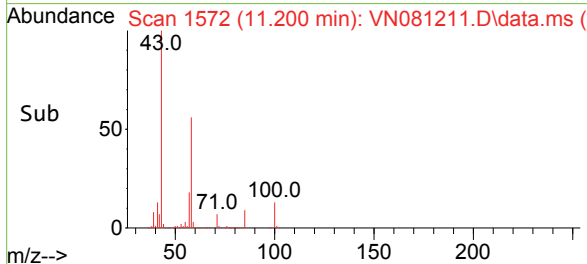
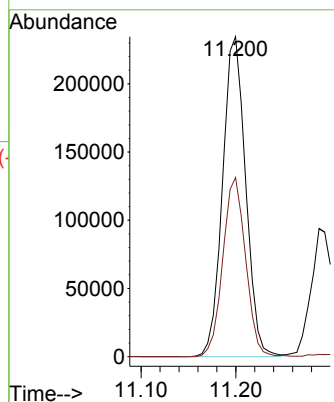
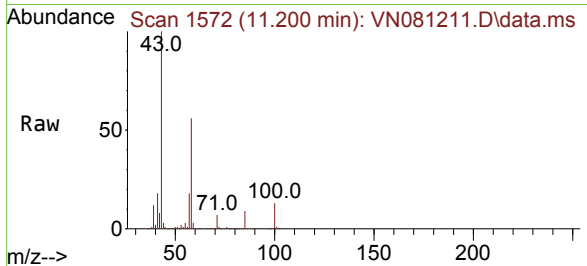




#59
2-Hexanone
Concen: 110.040 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

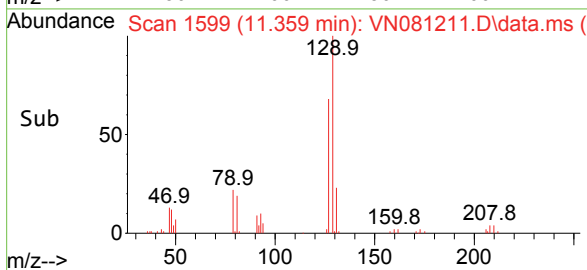
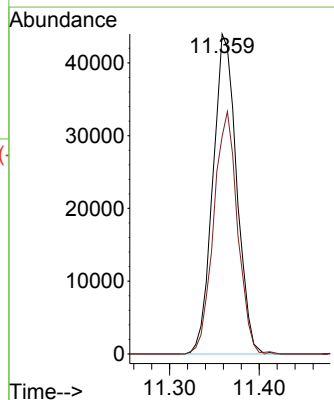
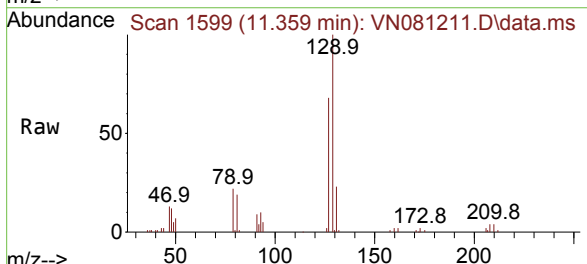
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

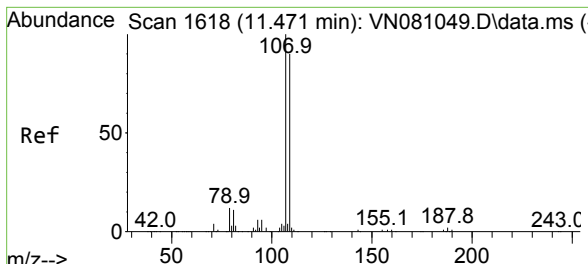
Tgt Ion: 43 Resp: 397354
Ion Ratio Lower Upper
43 100
58 55.3 25.9 77.8



#60
Dibromochloromethane
Concen: 21.532 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 129 Resp: 80870
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2

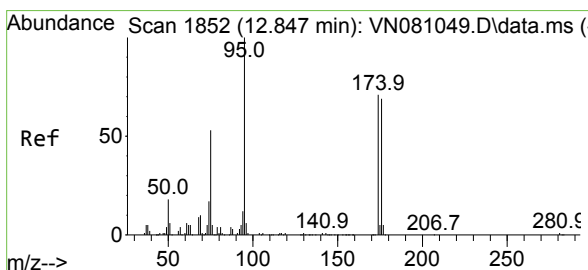
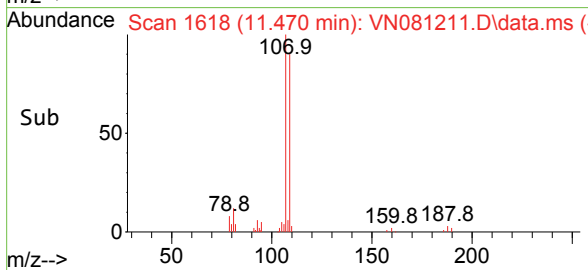
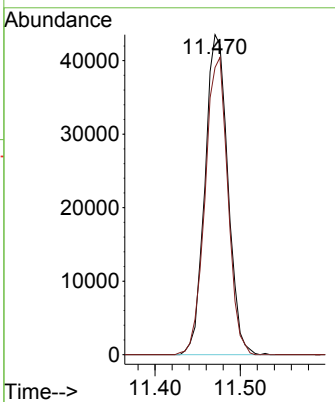
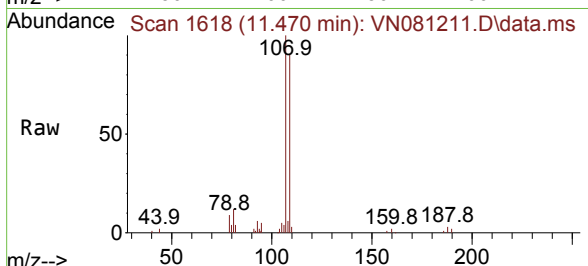




#61
 1,2-Dibromoethane
 Concen: 21.833 ug/l
 RT: 11.470 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

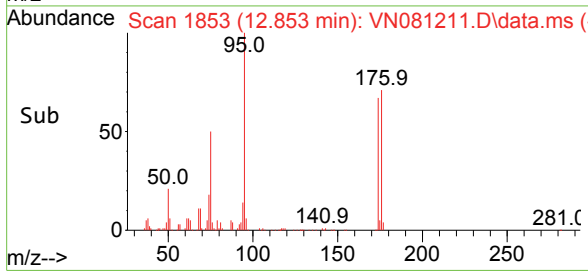
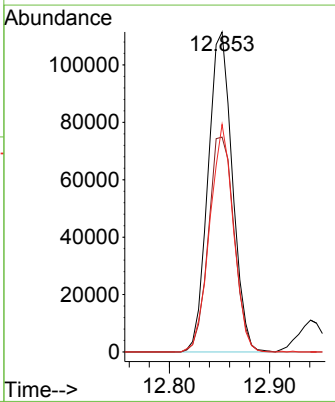
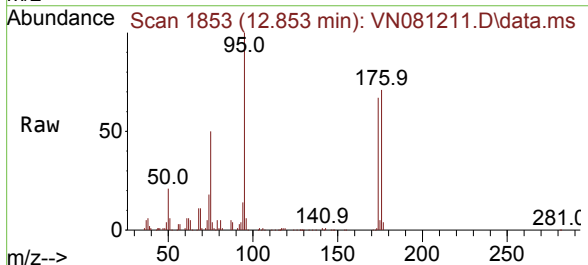
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

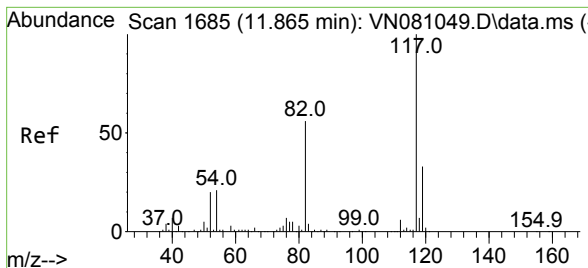
Tgt Ion:	107	Resp:	81169
Ion	Ratio	Lower	Upper
107	100		
109	92.2	73.4	110.2



#62
 4-Bromofluorobenzene
 Concen: 48.089 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion:	95	Resp:	187914
Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	120.4
176	69.2	0.0	121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

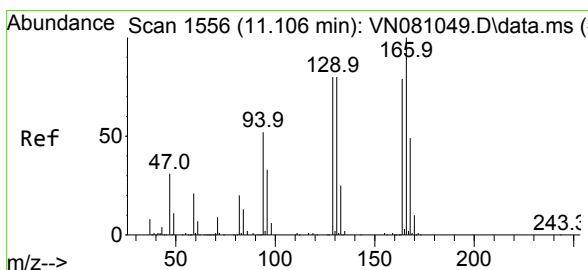
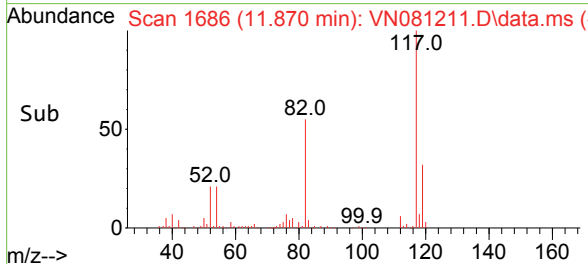
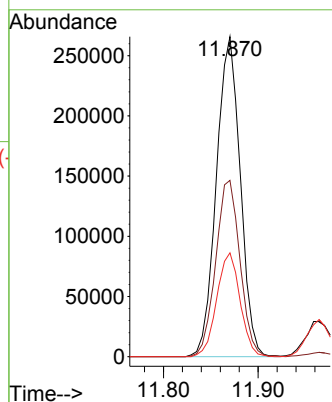
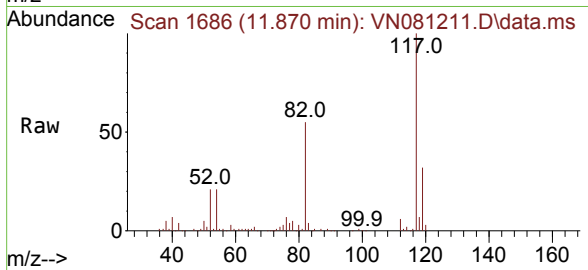
Tgt Ion:117 Resp: 466541

Ion Ratio Lower Upper

117 100

82 55.1 52.7 79.1

119 32.5 25.3 37.9



#64

Tetrachloroethene

Concen: 23.993 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion:164 Resp: 76396

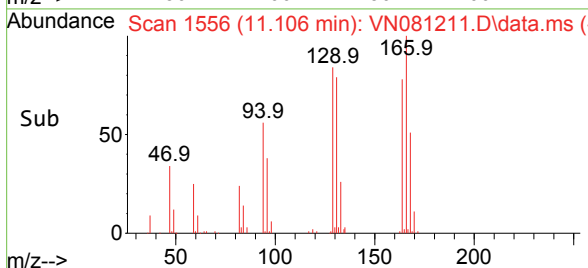
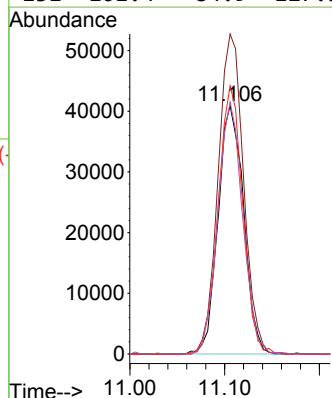
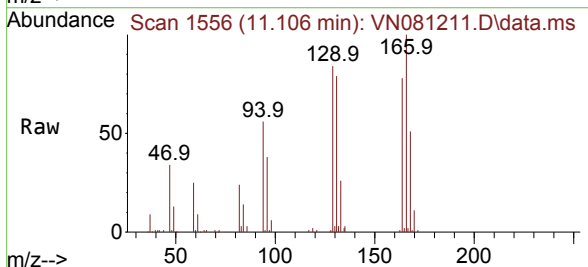
Ion Ratio Lower Upper

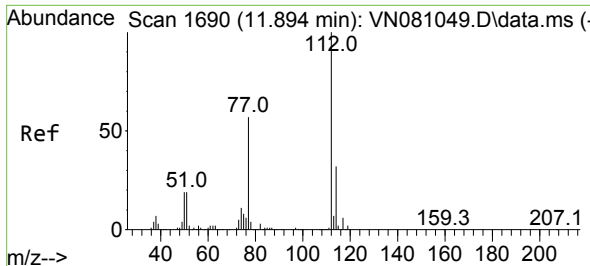
164 100

166 128.9 105.8 158.6

129 108.0 89.6 134.4

131 101.4 84.9 127.3

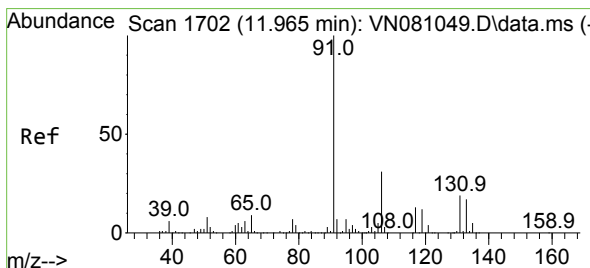
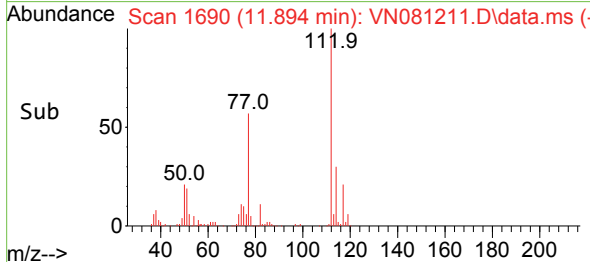
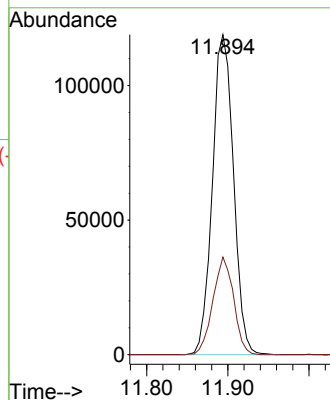
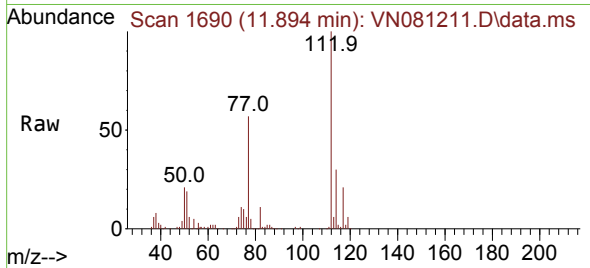




#65
Chlorobenzene
Concen: 21.234 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

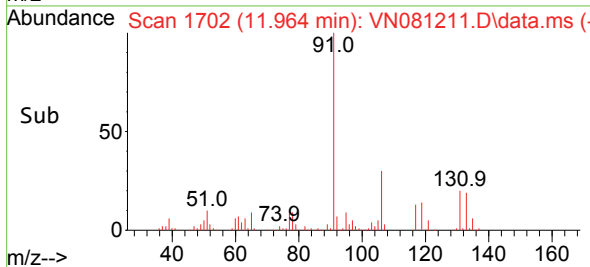
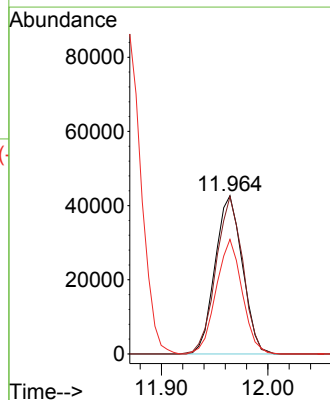
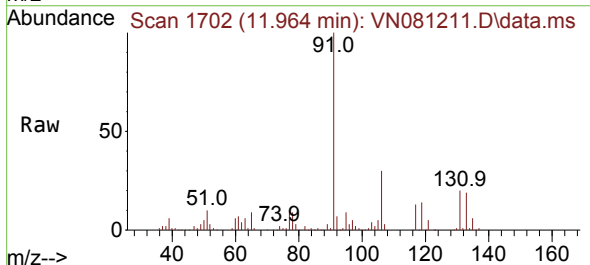
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

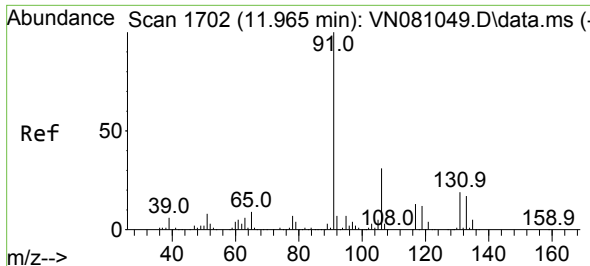
Tgt Ion:112 Resp: 214406
Ion Ratio Lower Upper
112 100
114 30.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.990 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:131 Resp: 76124
Ion Ratio Lower Upper
131 100
133 97.4 46.8 140.3
119 69.1 34.6 103.9

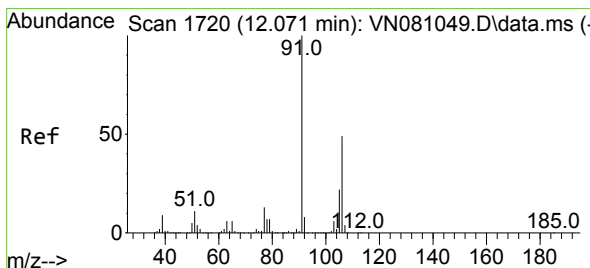
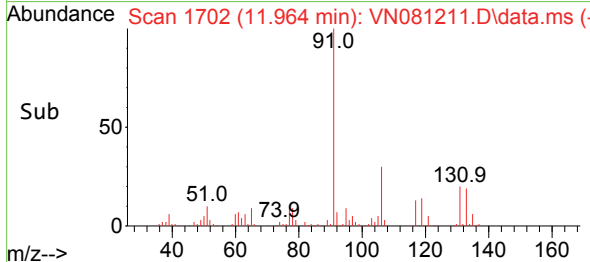
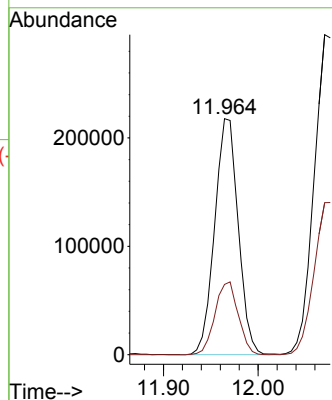
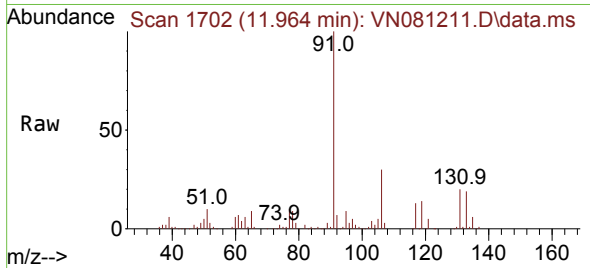




#67
Ethyl Benzene
Concen: 20.858 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

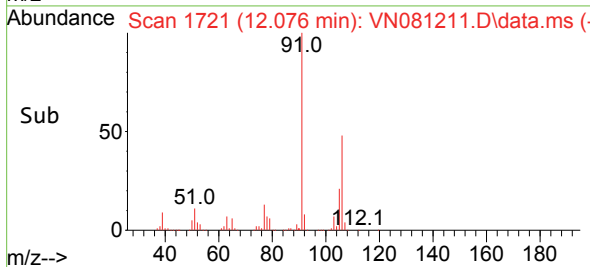
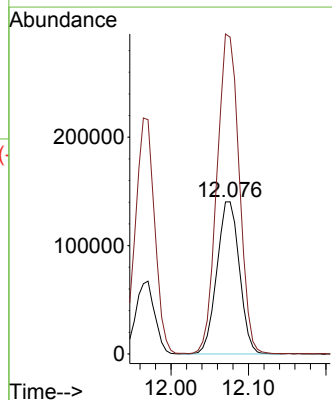
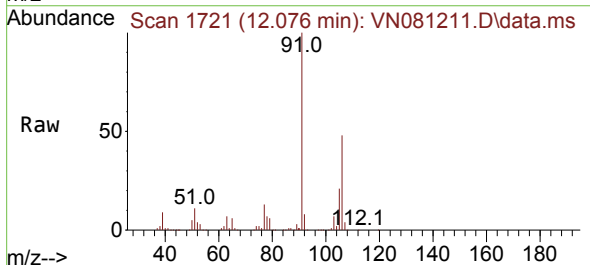
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

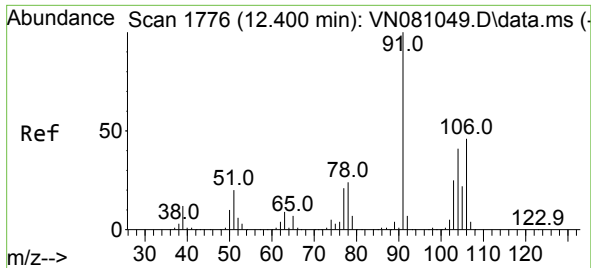
Tgt Ion: 91 Resp: 376863
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 41.037 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:106 Resp: 284203
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6

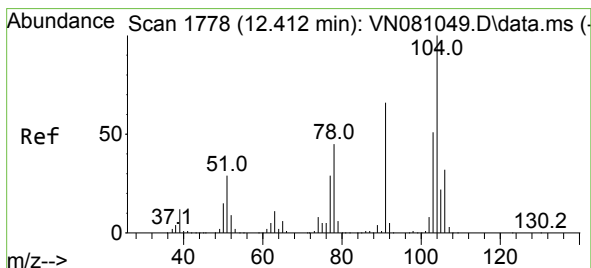
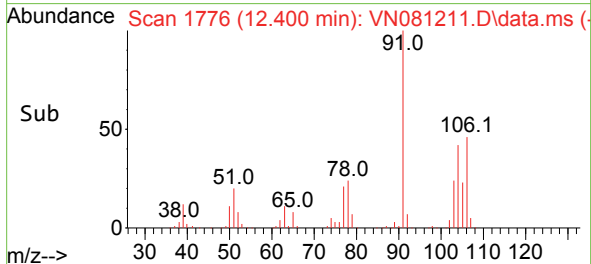
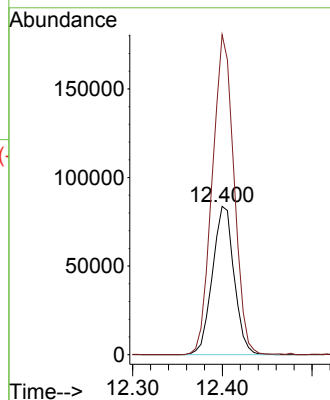
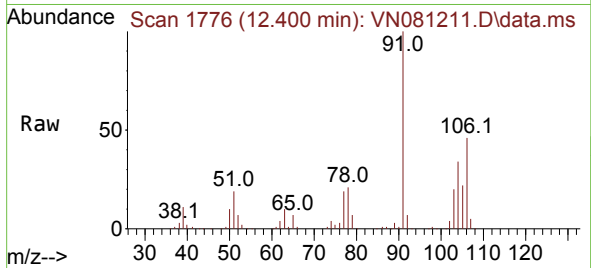




#69
o-Xylene
Concen: 20.490 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

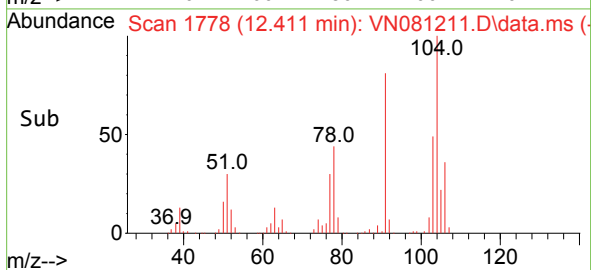
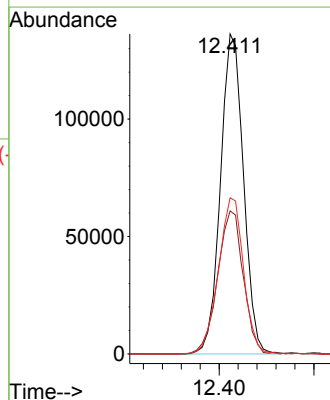
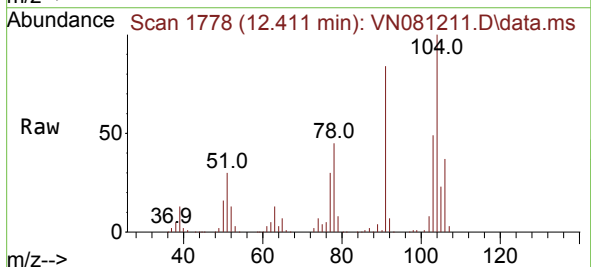
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

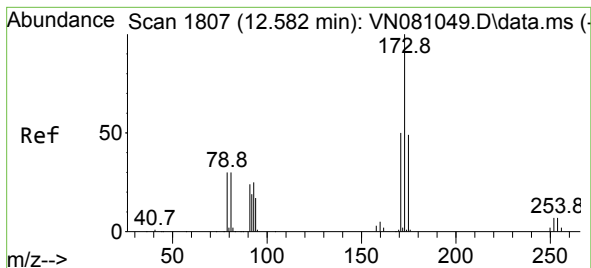
Tgt Ion:106 Resp: 140663
Ion Ratio Lower Upper
106 100
91 215.7 112.1 336.3



#70
Styrene
Concen: 21.138 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:104 Resp: 229948
Ion Ratio Lower Upper
104 100
78 49.9 43.8 65.8
103 53.1 44.2 66.2





#71

Bromoform

Concen: 21.707 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

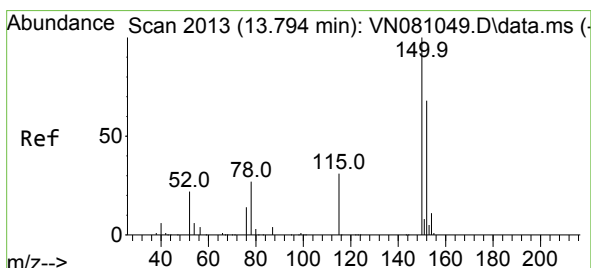
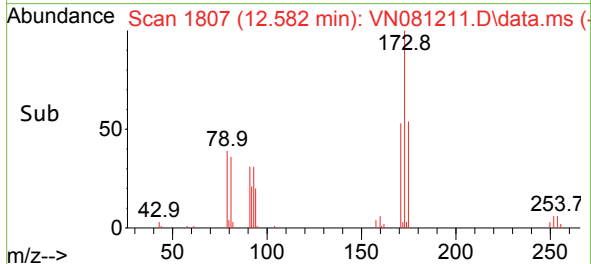
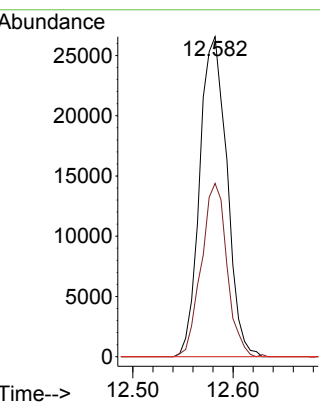
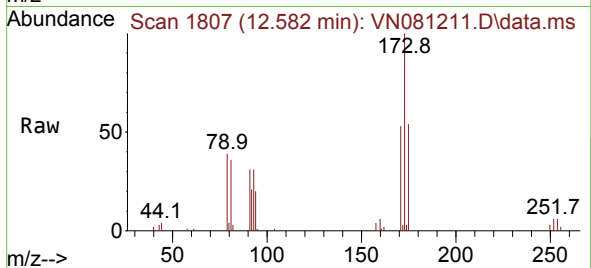
Tgt Ion:173 Resp: 49947

Ion Ratio Lower Upper

173 100

175 51.1 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: VN081211.D

Acq: 27 Feb 2024 11:44

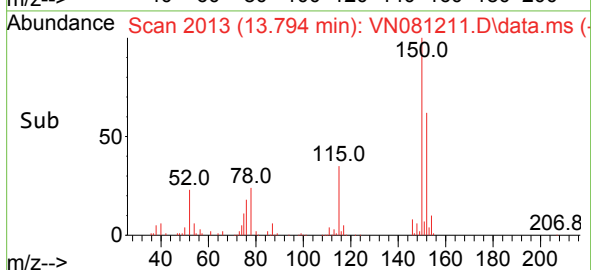
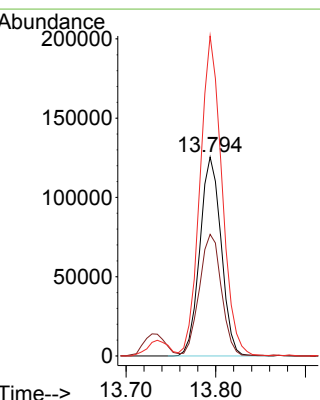
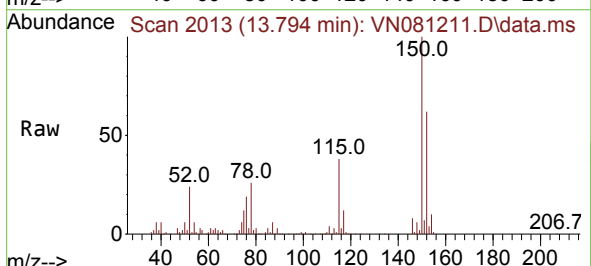
Tgt Ion:152 Resp: 206770

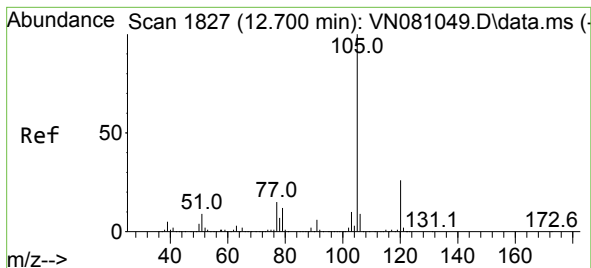
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 165.1 0.0 339.8





#73

Isopropylbenzene

Concen: 20.006 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

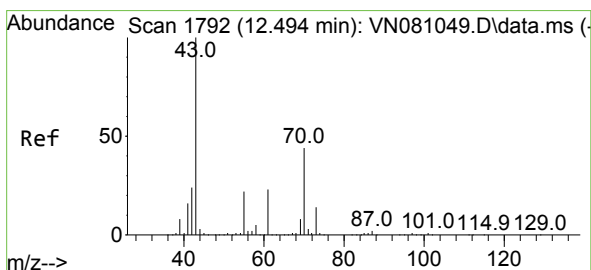
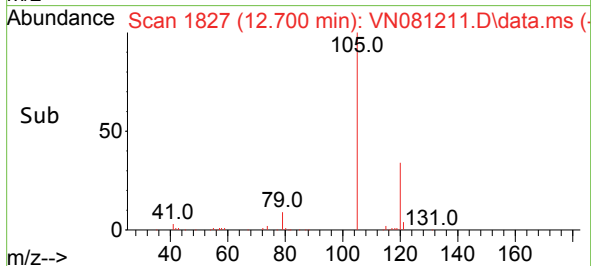
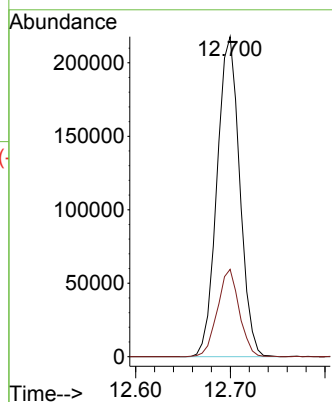
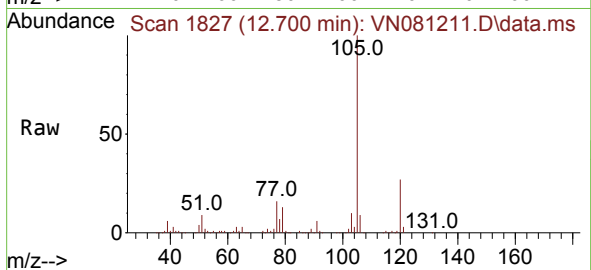
VN0227WBS01

Tgt Ion:105 Resp: 361925

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.6



#74

N-ethyl acetate

Concen: 19.372 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion: 43 Resp: 148119

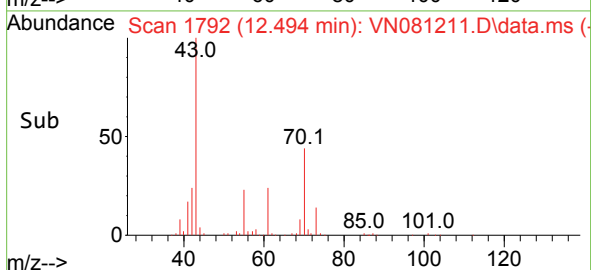
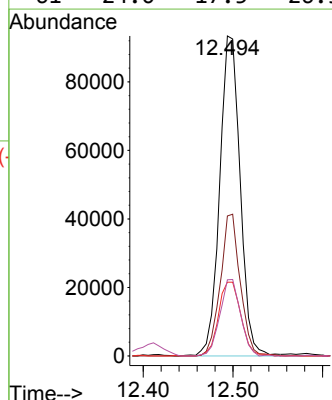
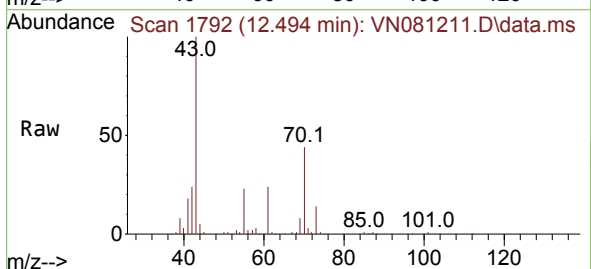
Ion Ratio Lower Upper

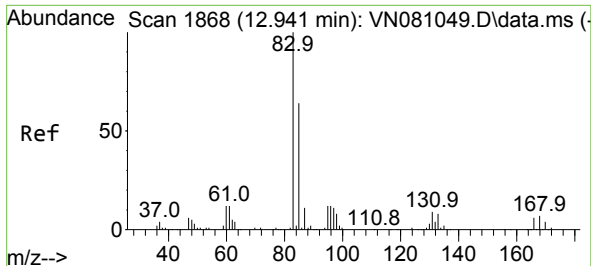
43 100

70 43.0 30.1 45.1

55 25.3 17.0 25.4

61 24.0 17.5 26.3

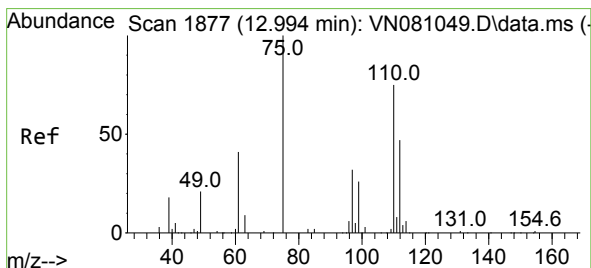
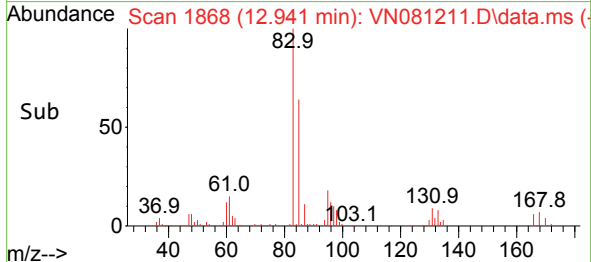
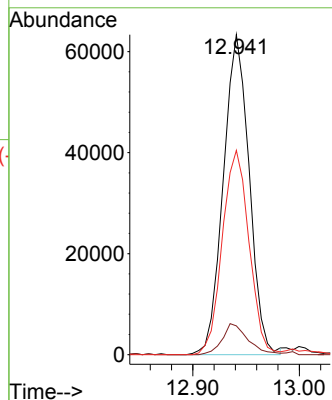
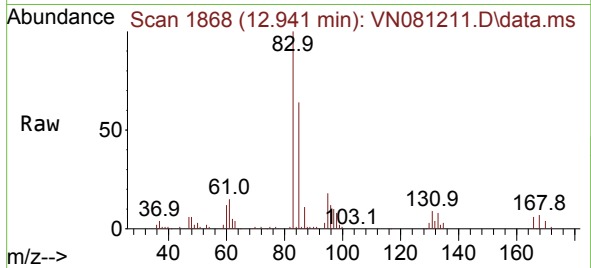




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.037 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

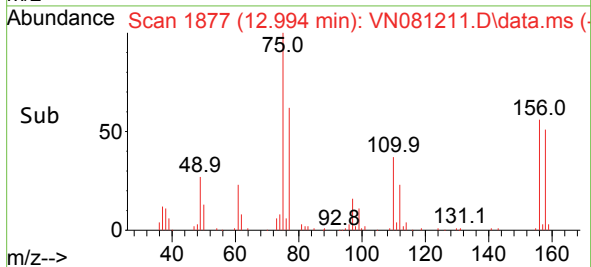
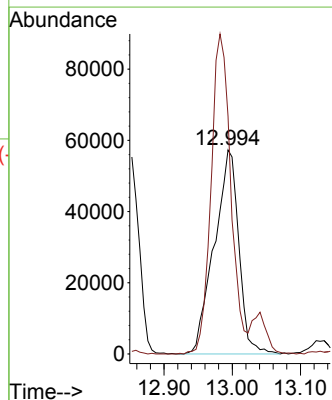
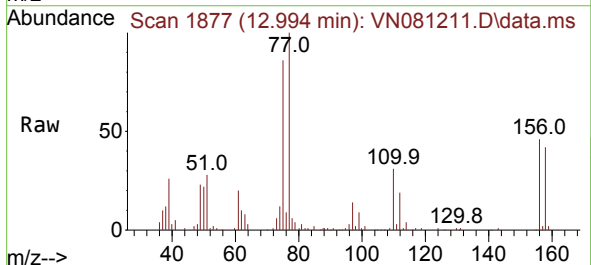
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

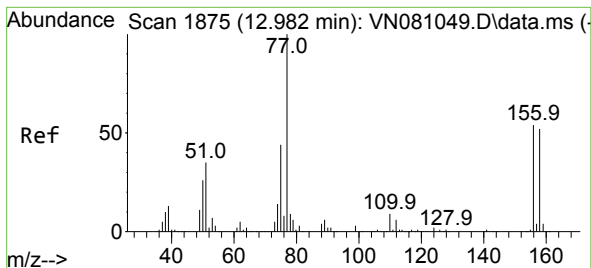
Tgt Ion: 83 Resp: 107015
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.1 12.3
 85 65.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 30.528 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 143420
 Ion Ratio Lower Upper
 75 100
 77 126.7 91.0 272.8





#77

Bromobenzene

Concen: 19.925 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

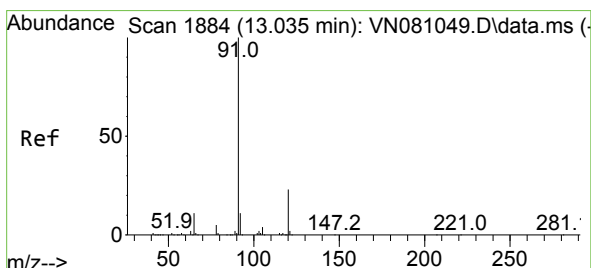
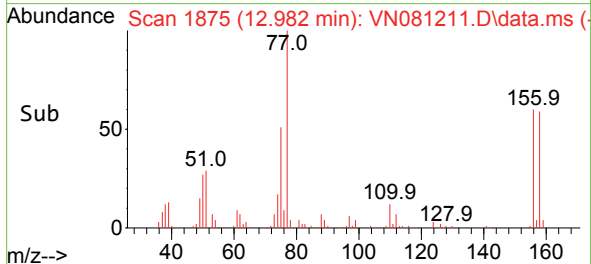
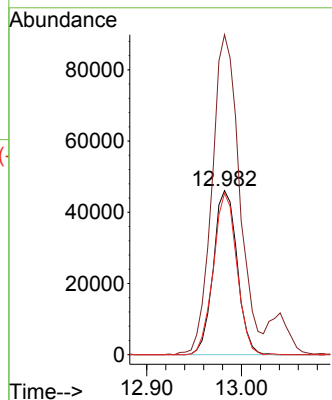
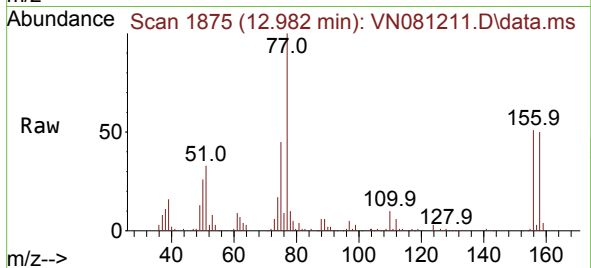
Tgt Ion:156 Resp: 80373

Ion Ratio Lower Upper

156 100

77 226.0 138.1 414.3

158 97.2 46.5 139.5



#78

n-propylbenzene

Concen: 20.717 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081211.D

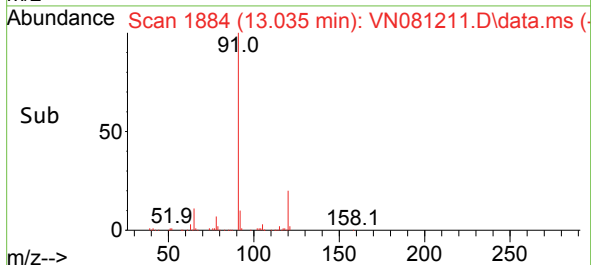
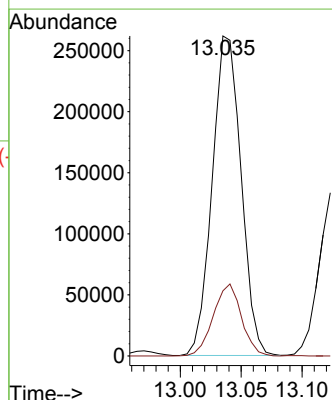
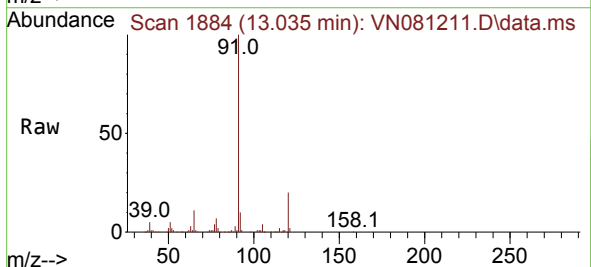
Acq: 27 Feb 2024 11:44

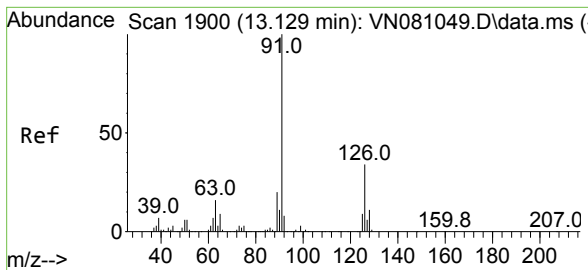
Tgt Ion: 91 Resp: 431453

Ion Ratio Lower Upper

91 100

120 22.0 10.3 30.9

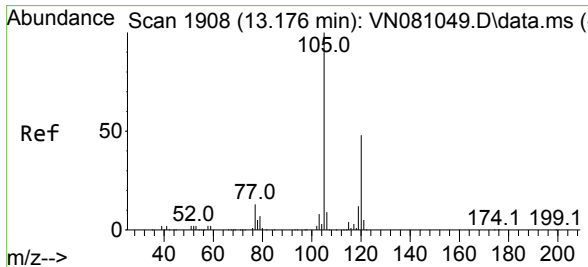
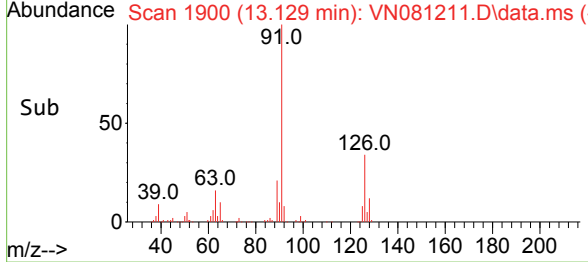
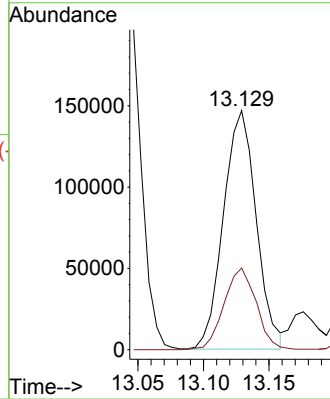
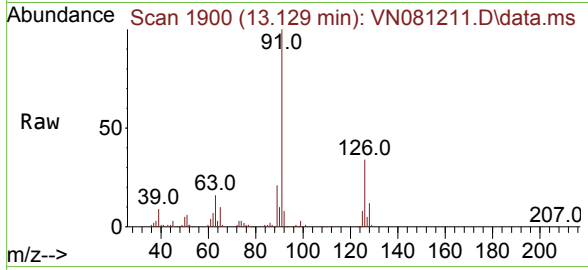




#79
 2-Chlorotoluene
 Concen: 19.992 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

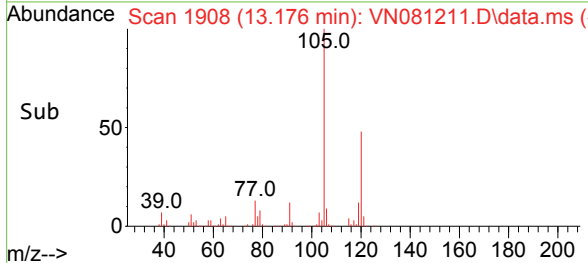
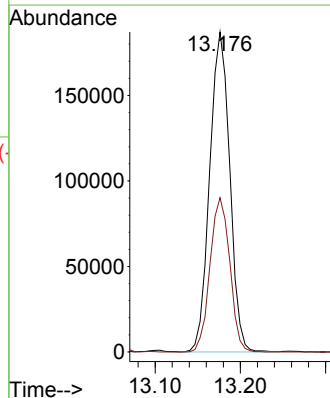
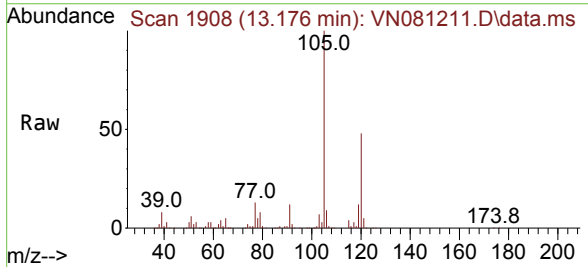
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

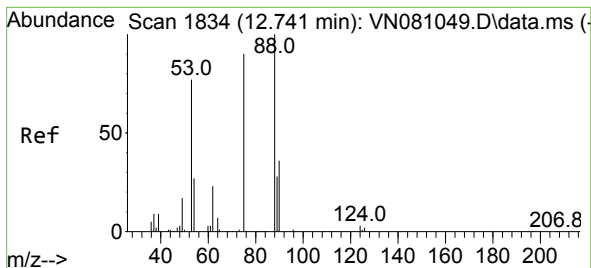
Tgt Ion: 91 Resp: 255375
 Ion Ratio Lower Upper
 91 100
 126 33.6 14.8 44.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.884 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 105 Resp: 306328
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.0 69.0

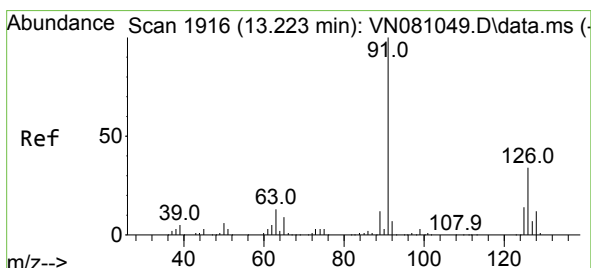
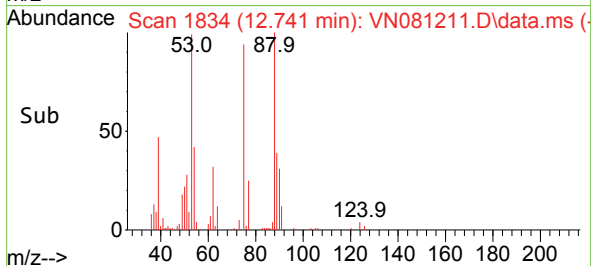
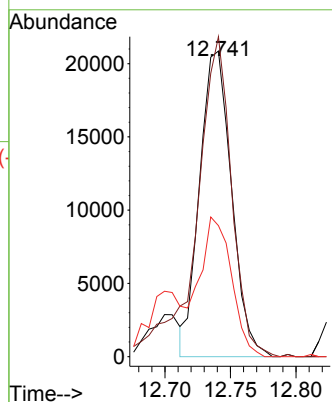
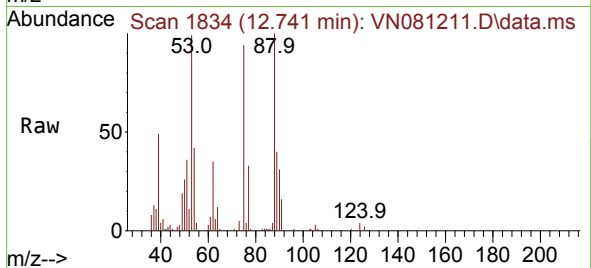




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.314 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

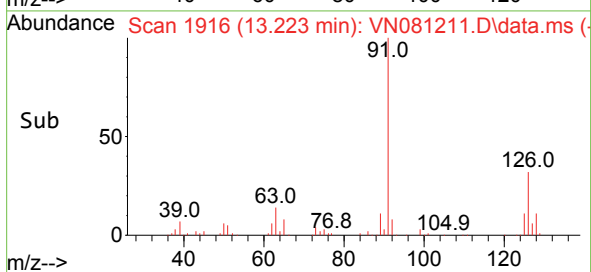
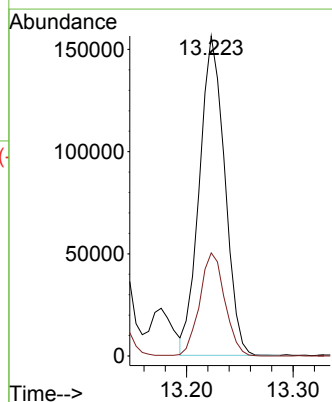
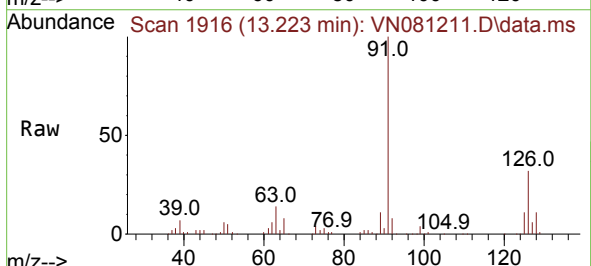
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

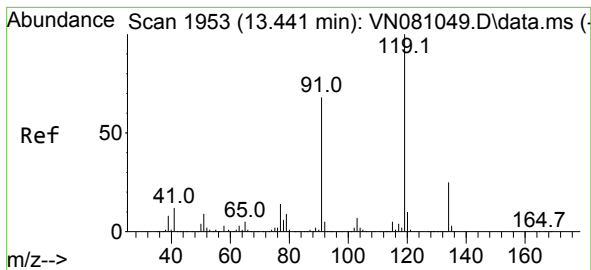
Tgt Ion: 75 Resp: 35252
 Ion Ratio Lower Upper
 75 100
 53 115.8 71.4 107.2#
 89 44.6 33.4 50.0



#82
 4-Chlorotoluene
 Concen: 20.685 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081211.D
 Acq: 27 Feb 2024 11:44

Tgt Ion: 91 Resp: 258362
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 20.788 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

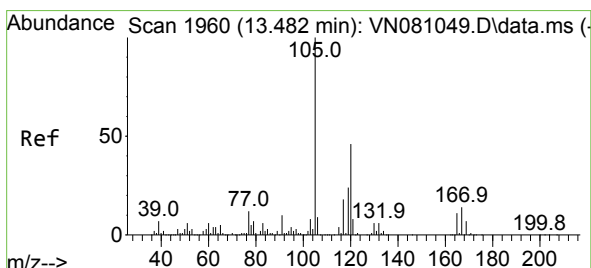
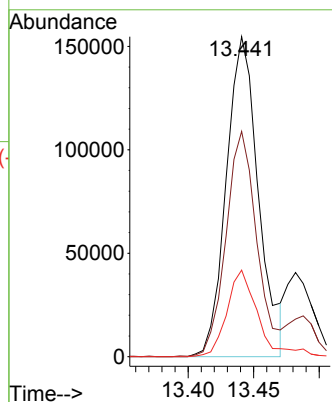
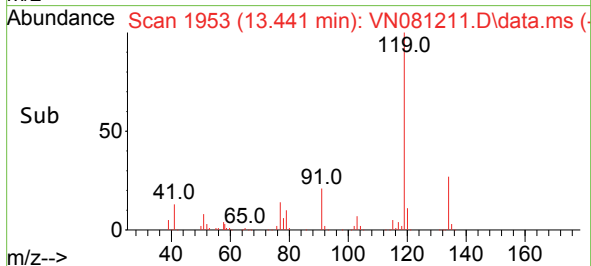
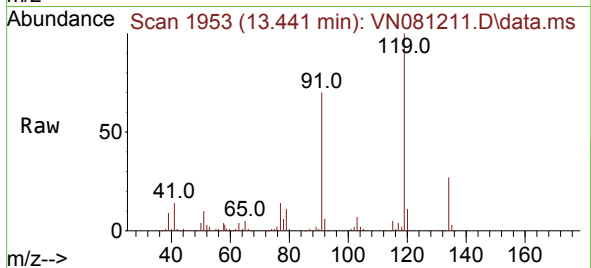
Tgt Ion:119 Resp: 263655

Ion Ratio Lower Upper

119 100

91 67.9 36.8 110.4

134 26.2 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 21.233 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081211.D

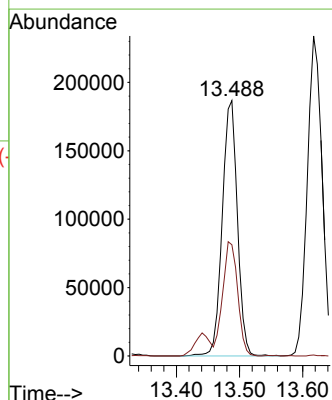
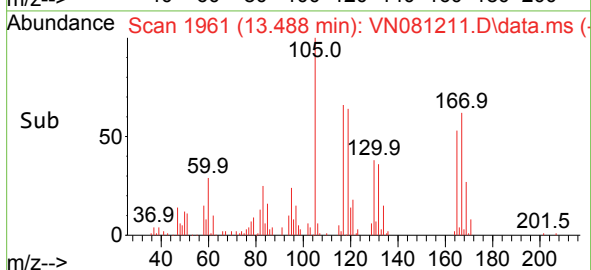
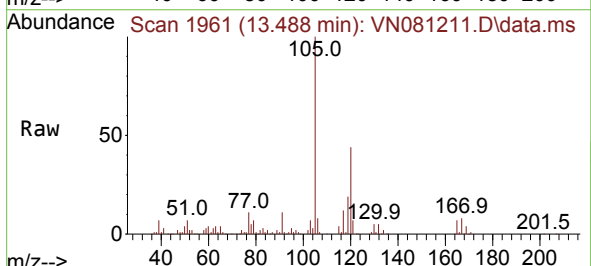
Acq: 27 Feb 2024 11:44

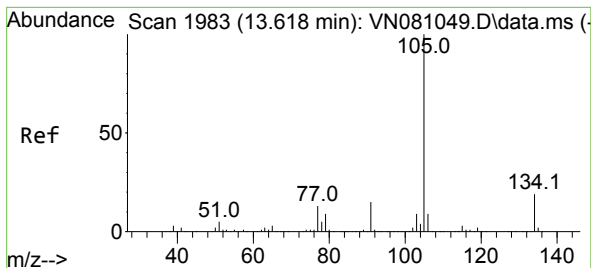
Tgt Ion:105 Resp: 310358

Ion Ratio Lower Upper

105 100

120 44.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.639 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

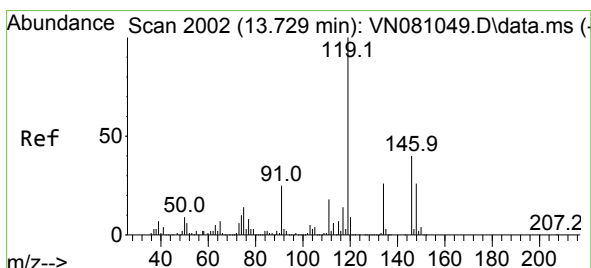
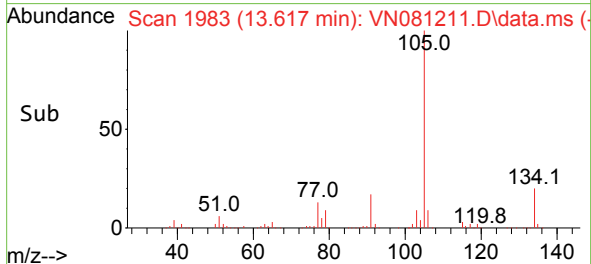
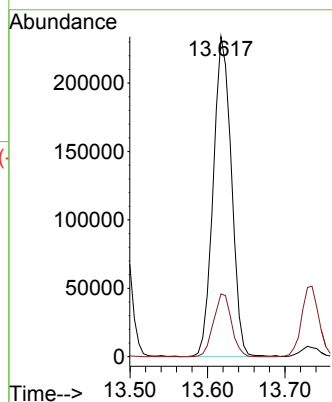
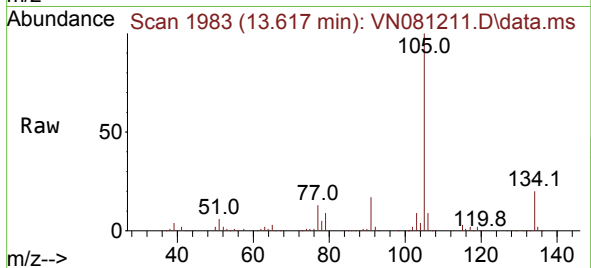
VN0227WBS01

Tgt Ion:105 Resp: 381551

Ion Ratio Lower Upper

105 100

134 19.4 8.6 25.8



#86

p-Isopropyltoluene

Concen: 20.541 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

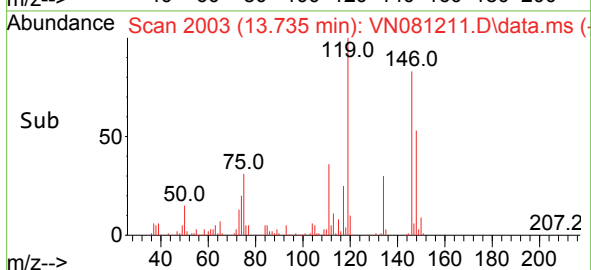
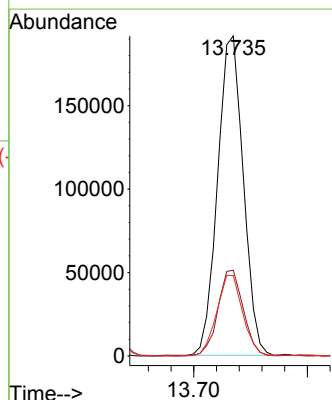
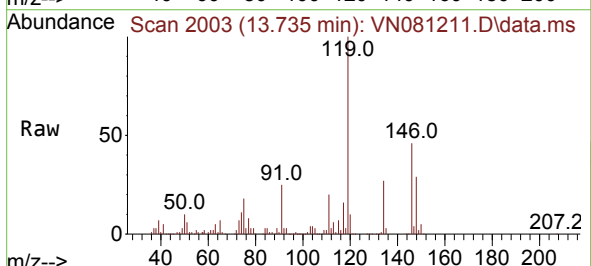
Tgt Ion:119 Resp: 300831

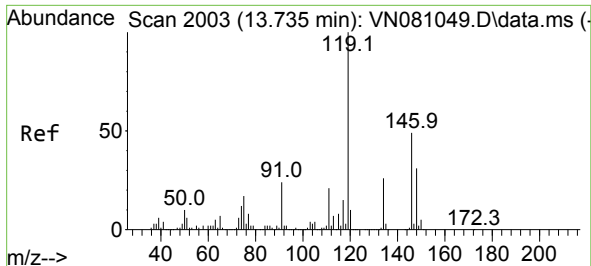
Ion Ratio Lower Upper

119 100

134 26.5 12.4 37.2

91 25.6 13.5 40.4

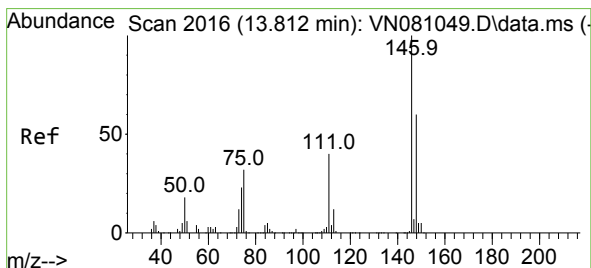
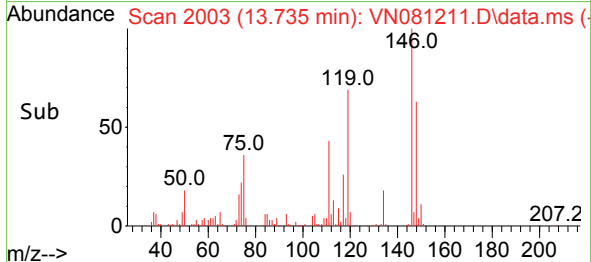
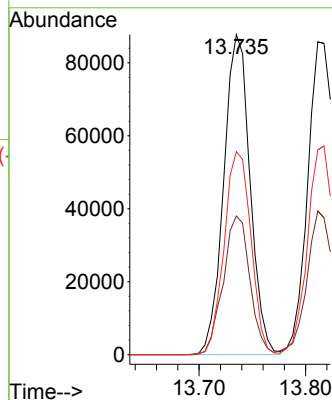
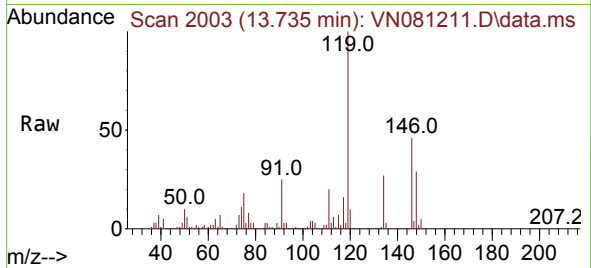




#87
1,3-Dichlorobenzene
Concen: 19.779 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

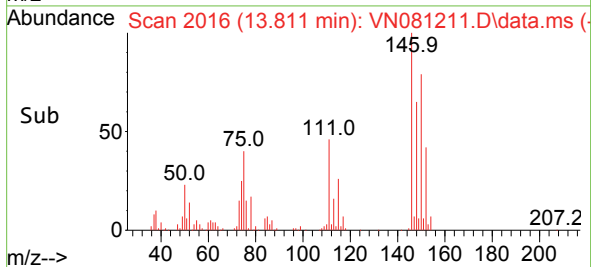
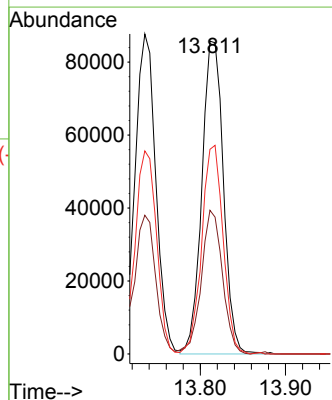
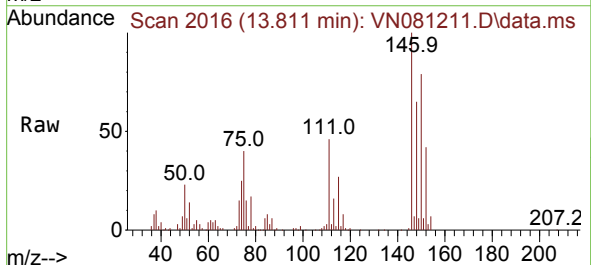
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

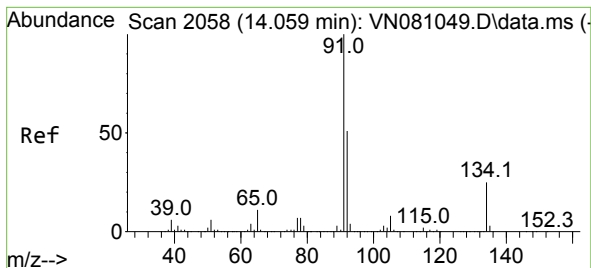
Tgt Ion:146 Resp: 150747
Ion Ratio Lower Upper
146 100
111 43.9 23.9 71.7
148 64.6 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 20.110 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion:146 Resp: 150604
Ion Ratio Lower Upper
146 100
111 45.3 22.6 67.7
148 65.7 31.9 95.5





#89

n-Butylbenzene

Concen: 20.958 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

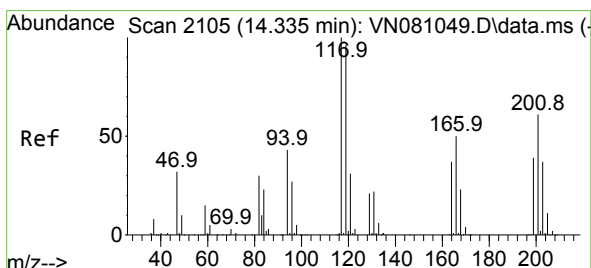
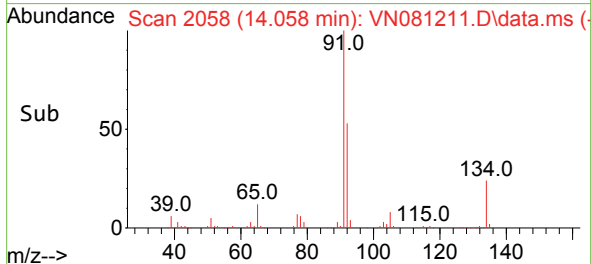
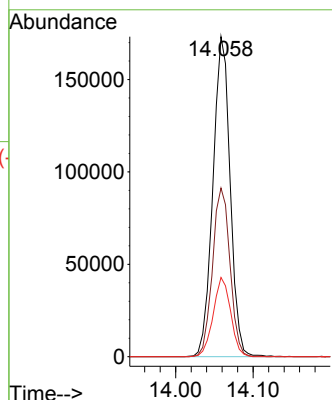
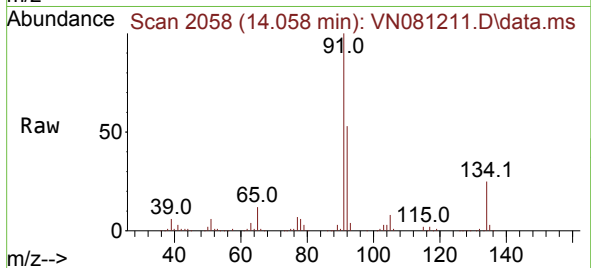
Tgt Ion: 91 Resp: 267407

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 25.1 10.8 32.4



#90

Hexachloroethane

Concen: 21.738 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081211.D

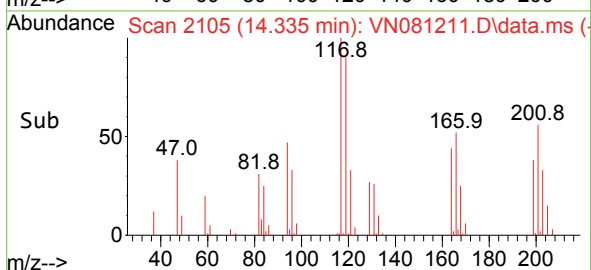
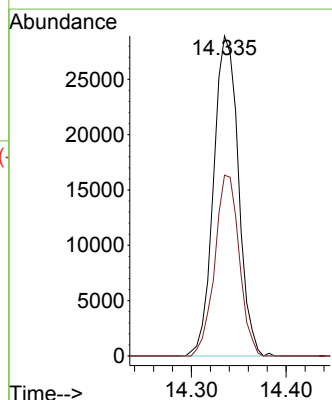
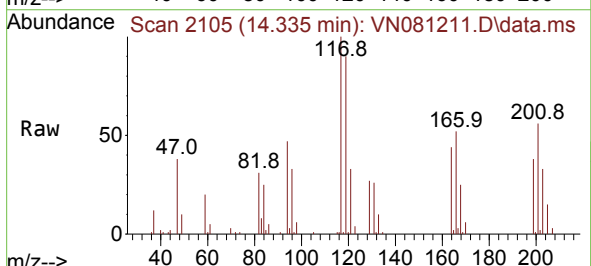
Acq: 27 Feb 2024 11:44

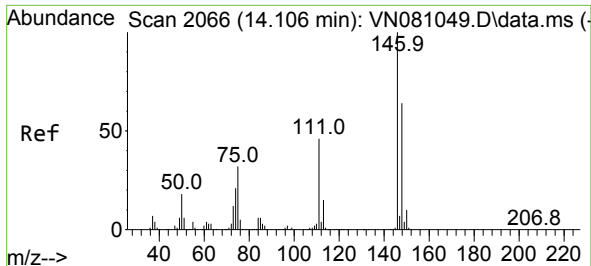
Tgt Ion: 117 Resp: 52623

Ion Ratio Lower Upper

117 100

201 55.6 30.0 90.0

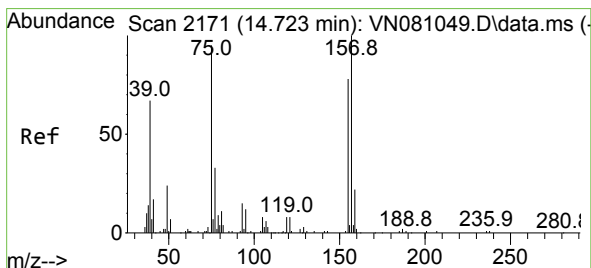
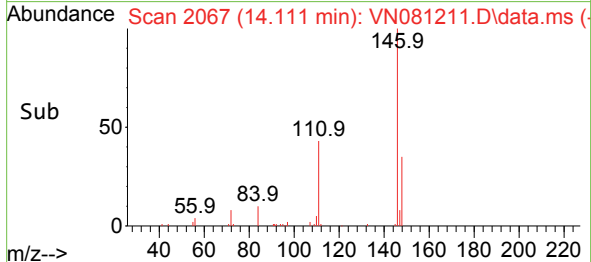
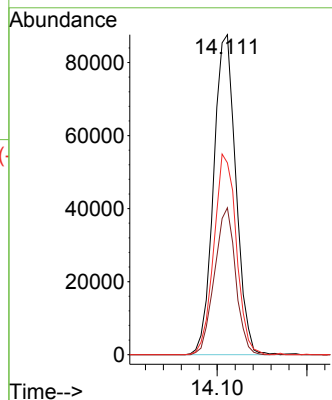
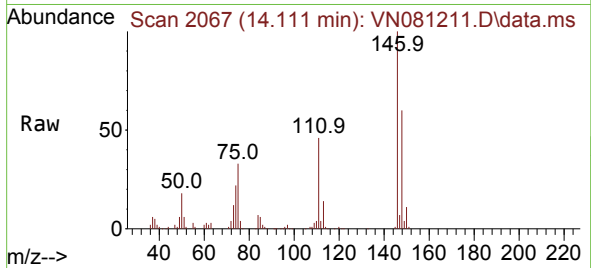




#91
1,2-Dichlorobenzene
Concen: 20.552 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

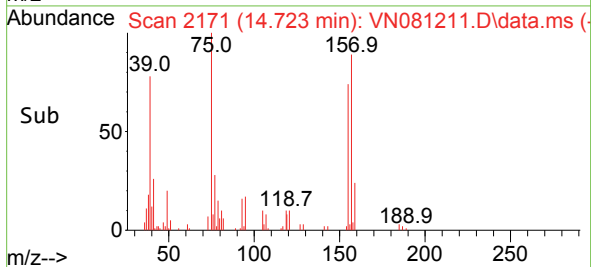
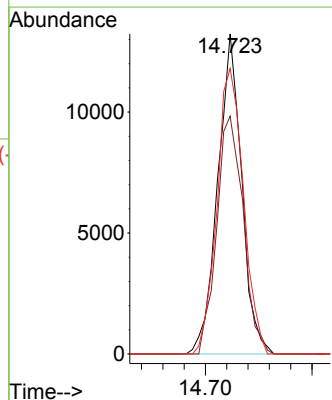
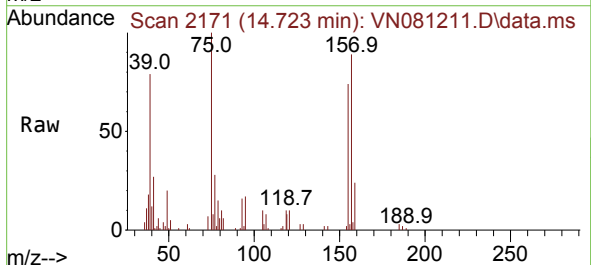
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

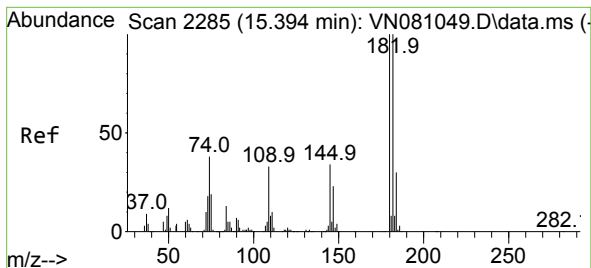
Tgt Ion:146 Resp: 151079
Ion Ratio Lower Upper
146 100
111 43.6 23.9 71.8
148 63.1 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.453 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081211.D
Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 20574
Ion Ratio Lower Upper
75 100
155 82.4 31.8 95.4
157 98.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.489 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

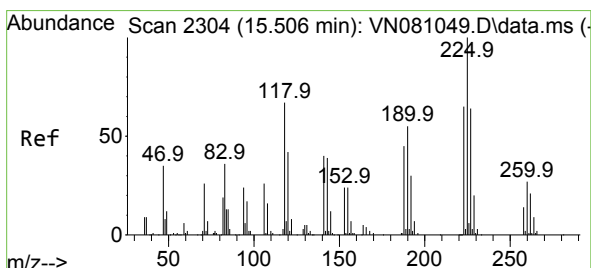
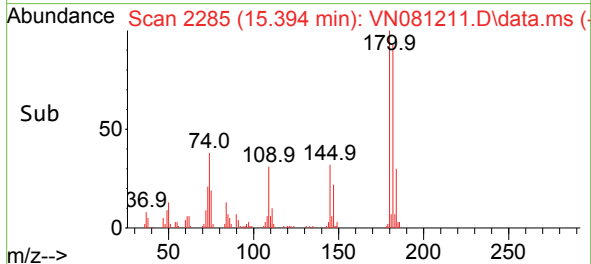
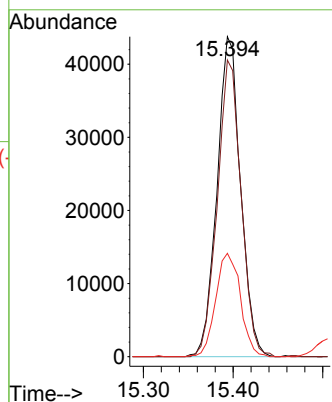
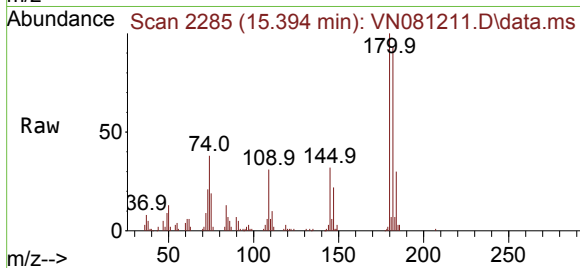
Tgt Ion:180 Resp: 79925

Ion Ratio Lower Upper

180 100

182 93.2 46.6 139.7

145 33.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.245 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

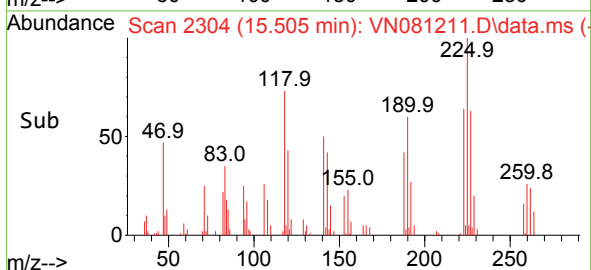
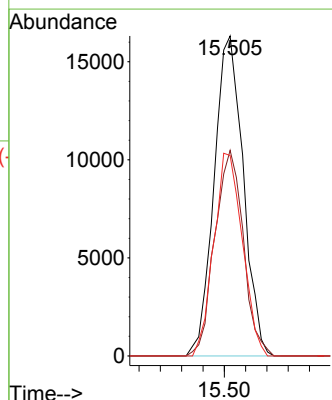
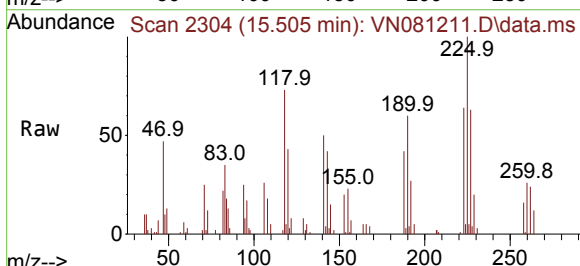
Tgt Ion:225 Resp: 30964

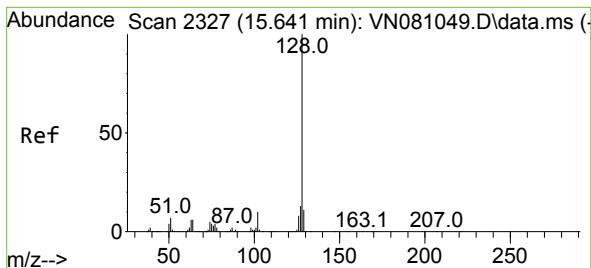
Ion Ratio Lower Upper

225 100

223 62.8 33.3 99.8

227 62.2 33.1 99.2





#95

Naphthalene

Concen: 18.874 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

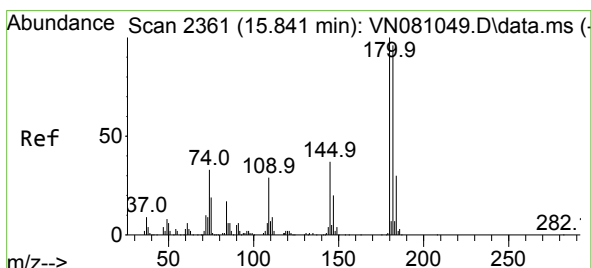
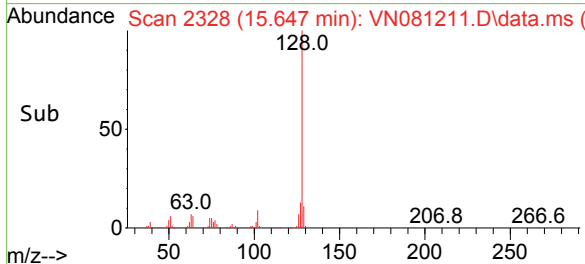
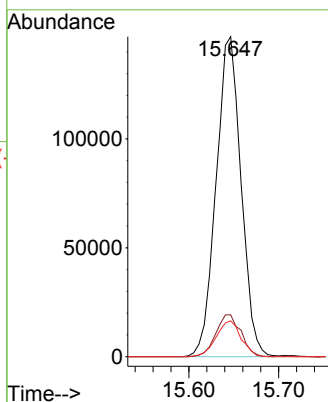
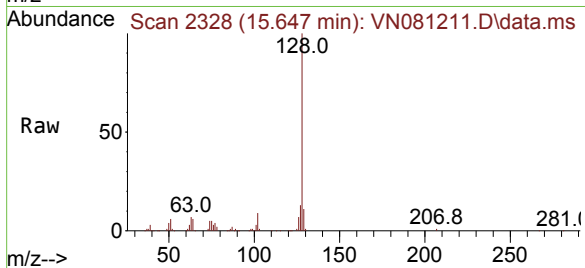
Tgt Ion:128 Resp: 283646

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.052 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion:180 Resp: 81579

Ion Ratio Lower Upper

180 100

182 93.6 46.5 139.3

145 36.6 17.8 53.4

