

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080358.D
 Acq On : 05 Dec 2023 12:01
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:48:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	211189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	291300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171510	49.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.360%
35) Dibromofluoromethane	8.171	113	124271	52.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.571	98	422321	49.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.847	95	163485	50.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60963	19.379	ug/l	96
3) Chloromethane	2.365	50	42494	17.967	ug/l	94
4) Vinyl Chloride	2.518	62	47320	18.906	ug/l	99
5) Bromomethane	2.965	94	33623	19.788	ug/l	87
6) Chloroethane	3.124	64	30155	18.384	ug/l	92
7) Trichlorofluoromethane	3.501	101	106998	20.493	ug/l	99
8) Diethyl Ether	3.959	74	29072	19.146	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	45823	19.201	ug/l	94
10) Methyl Iodide	4.589	142	53334	20.679	ug/l #	85
11) Tert butyl alcohol	5.518	59	39002	101.708	ug/l	98
12) 1,1-Dichloroethene	4.342	96	43823	19.633	ug/l #	83
13) Acrolein	4.177	56	27375	80.665	ug/l	95
14) Allyl chloride	5.030	41	47605	16.951	ug/l #	86
15) Acrylonitrile	5.712	53	94438	91.738	ug/l	99
16) Acetone	4.424	43	93510	79.840	ug/l	92
17) Carbon Disulfide	4.712	76	118147	17.727	ug/l	100
18) Methyl Acetate	5.030	43	66732	17.733	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	164577	20.878	ug/l	98
20) Methylene Chloride	5.277	84	50237	20.482	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	49474	20.176	ug/l	90
22) Diisopropyl ether	6.677	45	120837	19.448	ug/l	96
23) Vinyl Acetate	6.606	43	344798	92.307	ug/l	95
24) 1,1-Dichloroethane	6.571	63	87823	19.407	ug/l	97
25) 2-Butanone	7.483	43	112909	81.139	ug/l	96
26) 2,2-Dichloropropane	7.488	77	87887	19.575	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	55536	19.976	ug/l	87
28) Bromochloromethane	7.812	49	32462	18.247	ug/l	99
29) Tetrahydrofuran	7.835	42	69075	92.459	ug/l	93
30) Chloroform	7.965	83	106350	21.026	ug/l	89
31) Cyclohexane	8.259	56	66981	17.663	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	103343	20.951	ug/l	98
36) 1,1-Dichloropropene	8.371	75	70224	20.509	ug/l	96
37) Ethyl Acetate	7.565	43	43671	18.387	ug/l	99
38) Carbon Tetrachloride	8.365	117	95649	22.013	ug/l	98
39) Methylcyclohexane	9.600	83	62175	18.832	ug/l	90
40) Benzene	8.606	78	204198	20.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25974	19.914	ug/l	93
42) 1,2-Dichloroethane	8.671	62	88833	22.312	ug/l	95
43) Isopropyl Acetate	8.688	43	82960	17.949	ug/l	98
44) Trichloroethene	9.353	130	55821	21.867	ug/l	99
45) 1,2-Dichloropropane	9.624	63	48552	21.468	ug/l	94
46) Dibromomethane	9.712	93	38007	22.201	ug/l #	89
47) Bromodichloromethane	9.888	83	84492	22.437	ug/l	98
48) Methyl methacrylate	9.682	41	47530	19.955	ug/l	92
49) 1,4-Dioxane	9.694	88	16255	410.228	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	232919	97.340	ug/l	99
52) Toluene	10.635	92	132216	21.709	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	83754	21.647	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	87310	22.088	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	50438	21.699	ug/l	96
56) Ethyl methacrylate	10.876	69	50753	21.373	ug/l	93
57) 1,3-Dichloropropane	11.165	76	85699	21.116	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	116887	87.372	ug/l	99
59) 2-Hexanone	11.194	43	174081	90.536	ug/l	95
60) Dibromochloromethane	11.359	129	63607	22.856	ug/l	100
61) 1,2-Dibromoethane	11.471	107	51022	21.516	ug/l	98
64) Tetrachloroethene	11.106	164	52327	23.538	ug/l	95
65) Chlorobenzene	11.894	112	138533	20.988	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	58965	23.020	ug/l	92
67) Ethyl Benzene	11.965	91	251620	21.423	ug/l	93
68) m/p-Xylenes	12.071	106	186385	43.523	ug/l	90
69) o-Xylene	12.400	106	91583	22.692	ug/l	93
70) Styrene	12.412	104	134092	22.323	ug/l	93
71) Bromoform	12.582	173	43530	22.916	ug/l #	98
73) Isopropylbenzene	12.700	105	229348	20.262	ug/l	100
74) N-amyl acetate	12.494	43	62937	17.830	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	64691	19.096	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	88088	24.682	ug/l	76
77) Bromobenzene	12.982	156	57506	20.151	ug/l	97
78) n-propylbenzene	13.035	91	251668	19.883	ug/l	100
79) 2-Chlorotoluene	13.129	91	166883	20.300	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	201621	20.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22437	21.240	ug/l	92
82) 4-Chlorotoluene	13.223	91	167935	19.941	ug/l	97
83) tert-Butylbenzene	13.441	119	156422	19.797	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	201115	20.729	ug/l	97
85) sec-Butylbenzene	13.617	105	195682	19.577	ug/l	98
86) p-Isopropyltoluene	13.729	119	178398	19.979	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	102336	19.904	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	102897	19.914	ug/l	97
89) n-Butylbenzene	14.059	91	140222	18.762	ug/l	99
90) Hexachloroethane	14.335	117	33727	19.375	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	99788	20.282	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14668	18.641	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	51222	17.900	ug/l	99
94) Hexachlorobutadiene	15.500	225	29216	17.742	ug/l	97
95) Naphthalene	15.647	128	134921	16.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	48114	17.938	ug/l	99

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QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

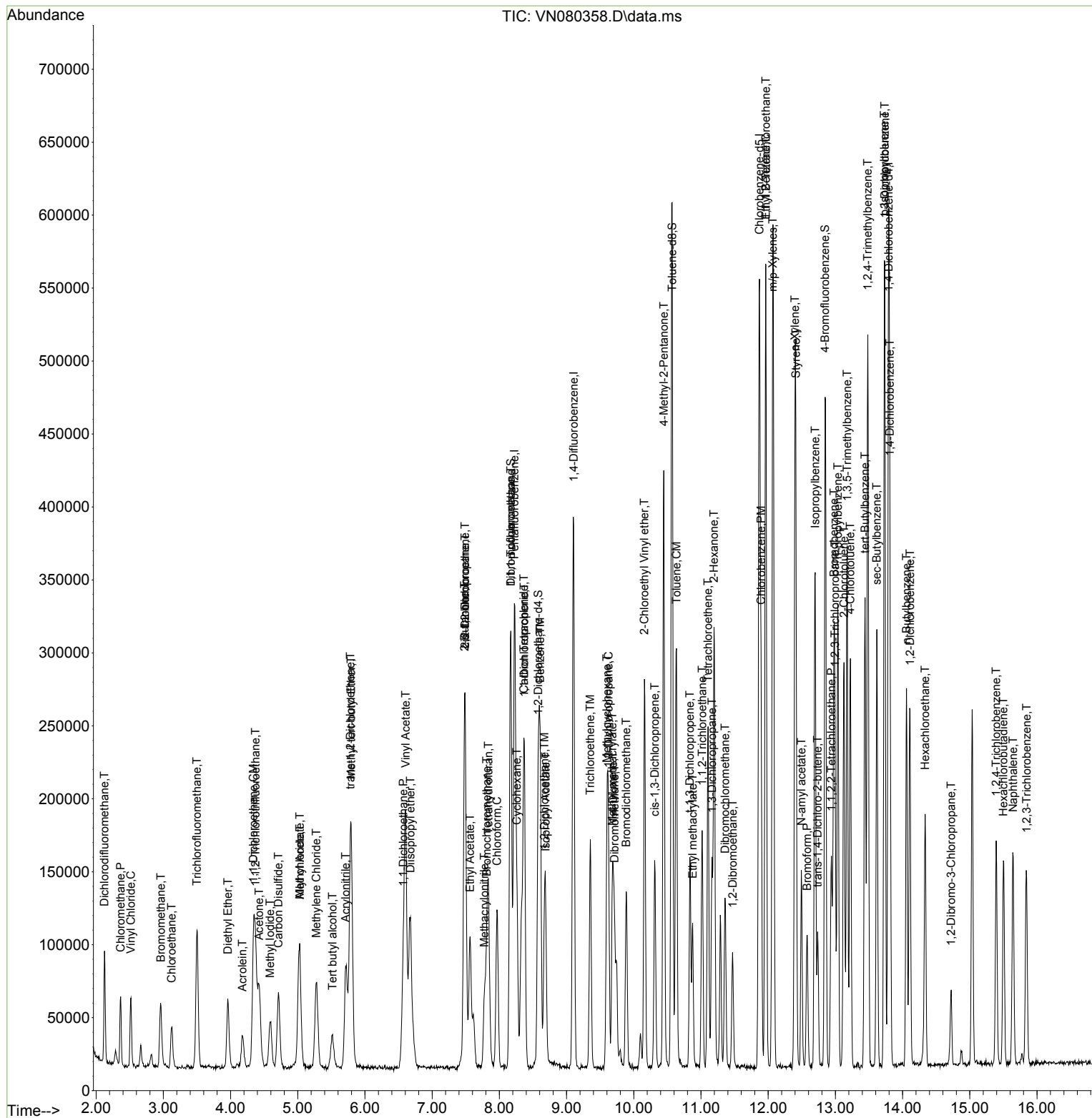
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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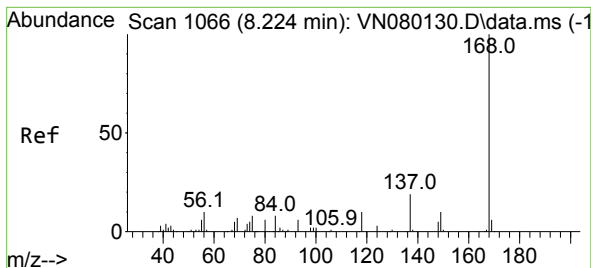
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080358.D

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Instrument :

MSVOA_N

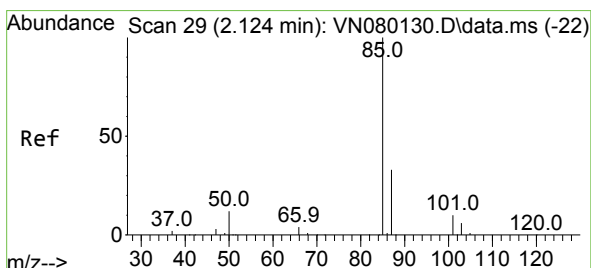
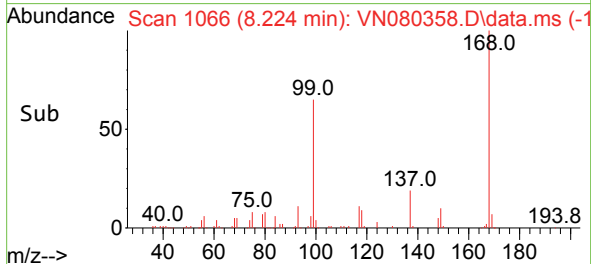
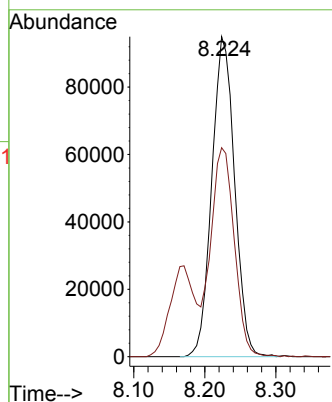
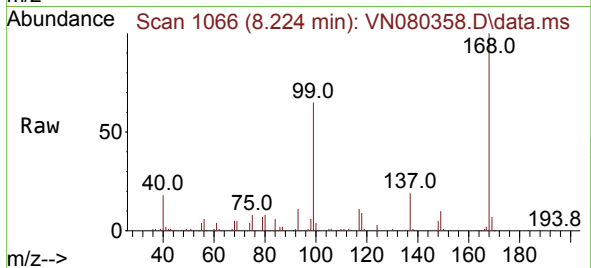
ClientSampleId :

Tgt Ion:168 Resp: 211189

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.379 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080358.D

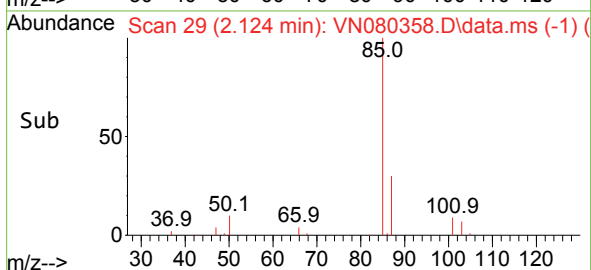
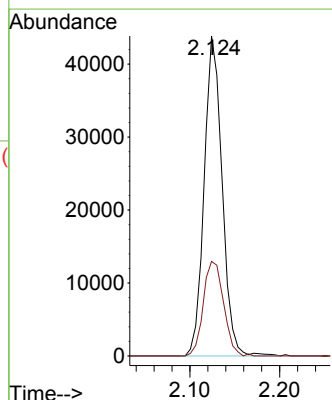
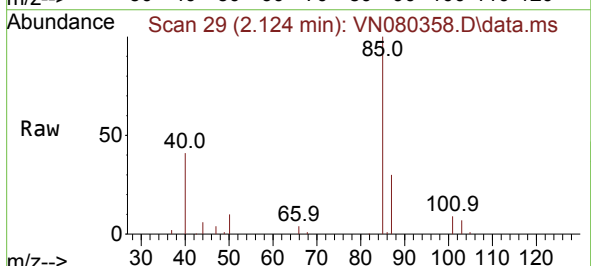
Acq: 05 Dec 2023 12:01

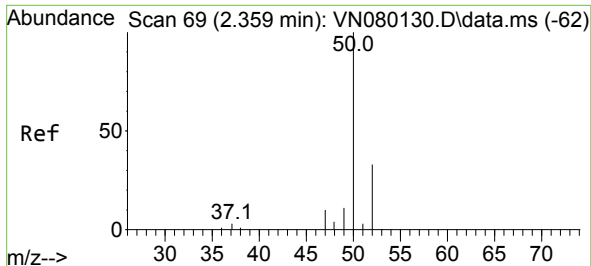
Tgt Ion: 85 Resp: 60963

Ion Ratio Lower Upper

85 100

87 29.6 15.8 47.4

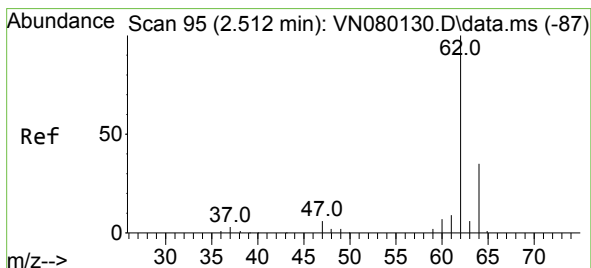
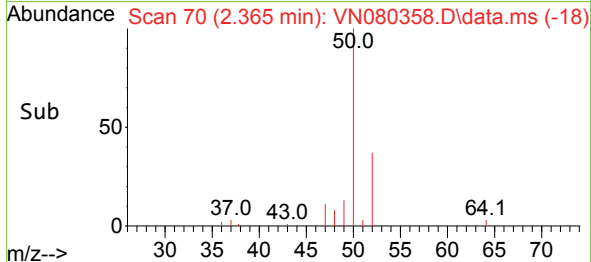
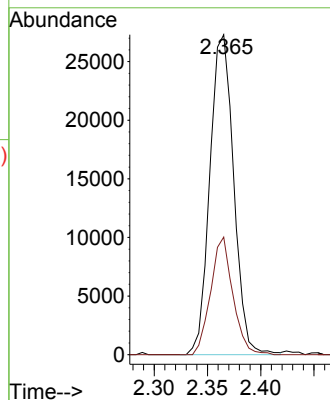
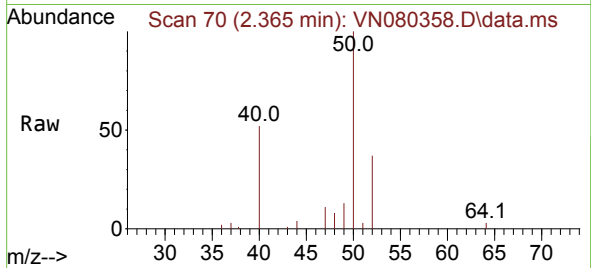




#3
Chloromethane
Concen: 17.967 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

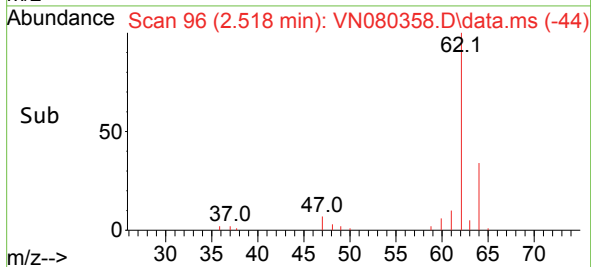
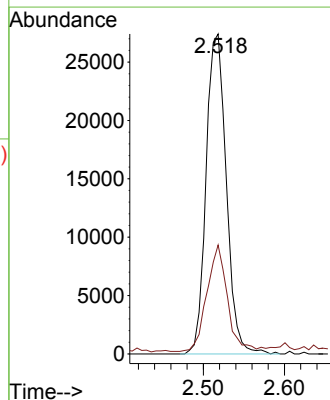
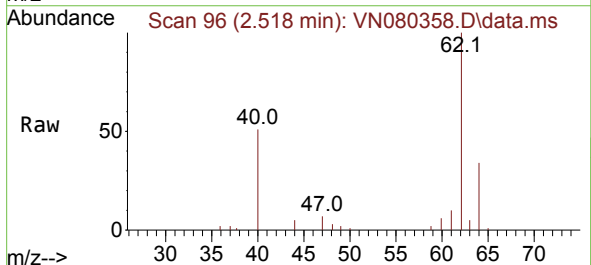
Instrument :
MSVOA_N
ClientSampleId :

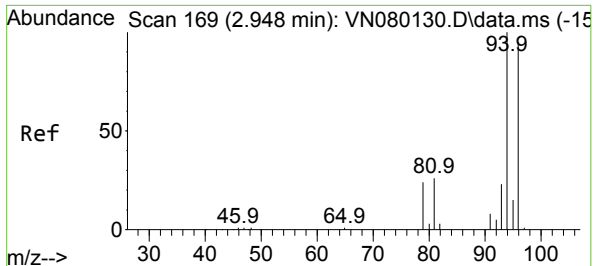
Tgt Ion: 50 Resp: 42494
Ion Ratio Lower Upper
50 100
52 36.8 26.5 39.7



#4
Vinyl Chloride
Concen: 18.906 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 62 Resp: 47320
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

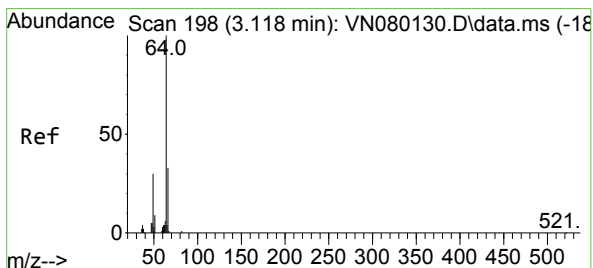
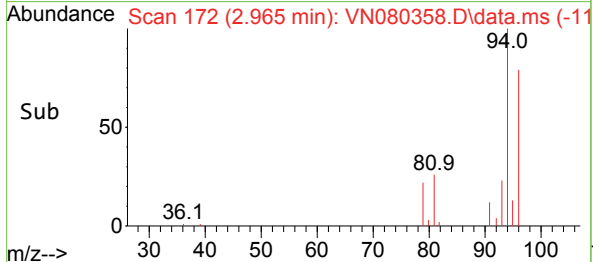
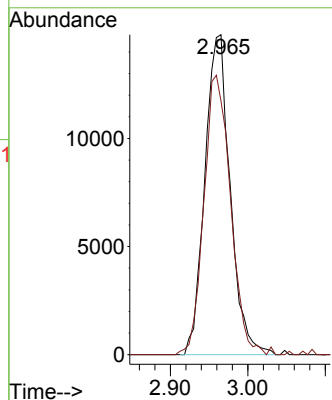
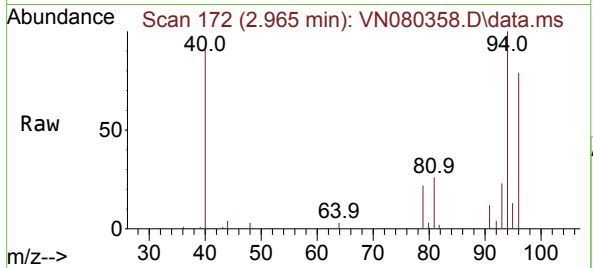




#5
Bromomethane
Concen: 19.788 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080358.D
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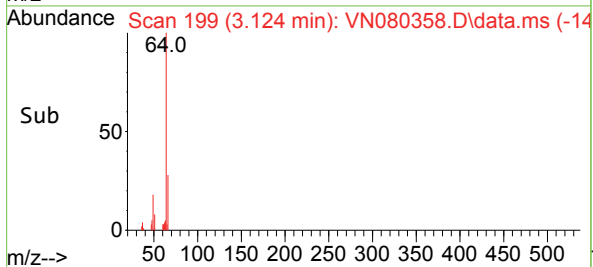
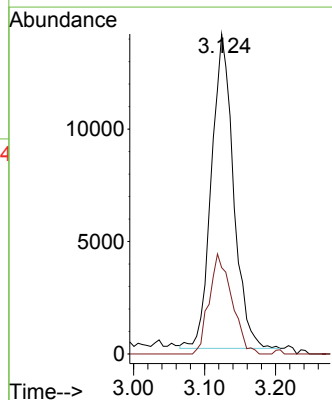
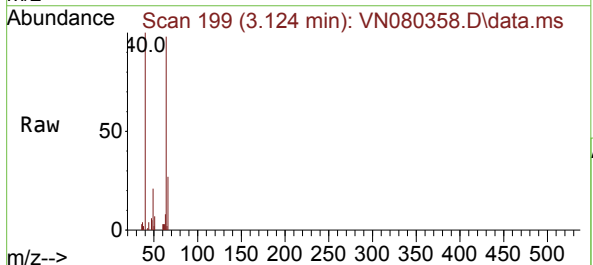
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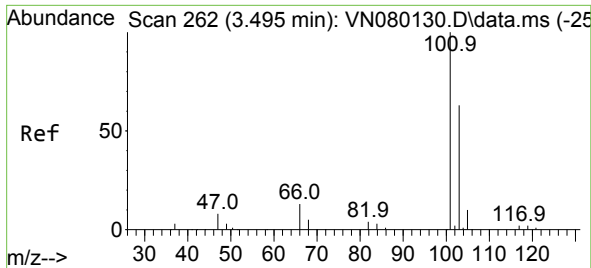
Tgt Ion: 94 Resp: 33623
Ion Ratio Lower Upper
94 100
96 79.3 73.1 109.7



#6
Chloroethane
Concen: 18.384 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 64 Resp: 30155
Ion Ratio Lower Upper
64 100
66 27.5 25.4 38.2

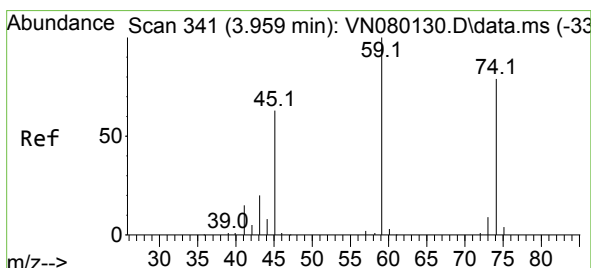
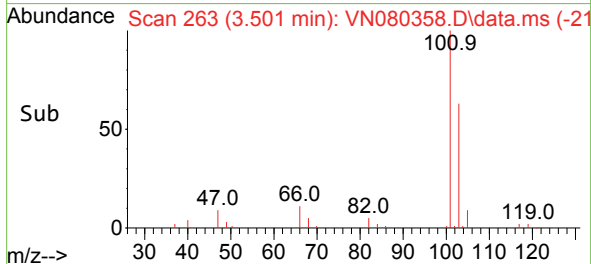
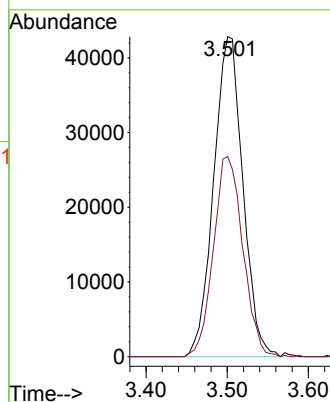
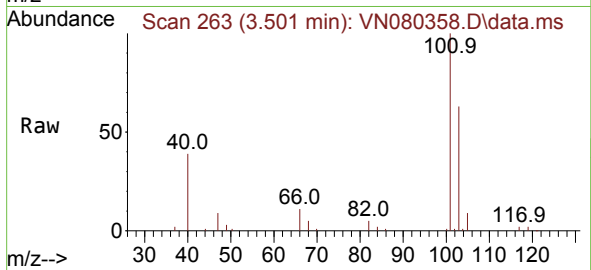




#7
Trichlorofluoromethane
Concen: 20.493 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

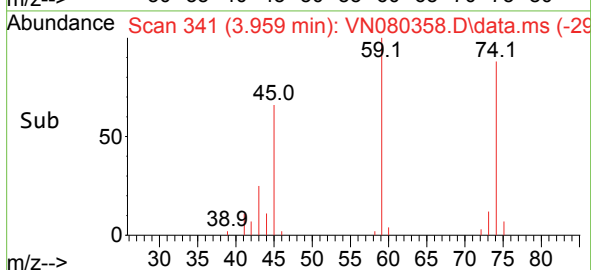
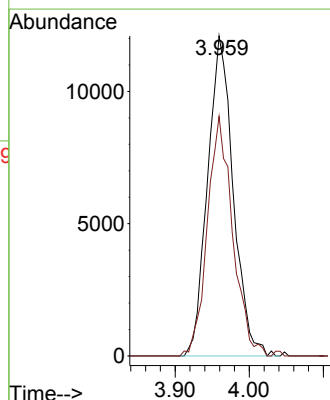
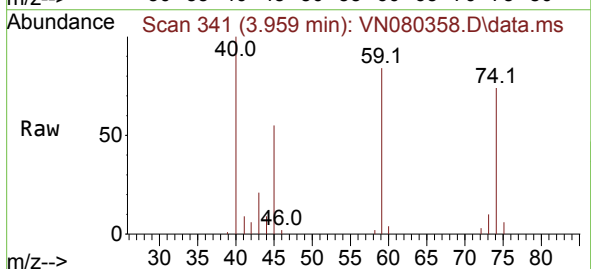
Instrument :
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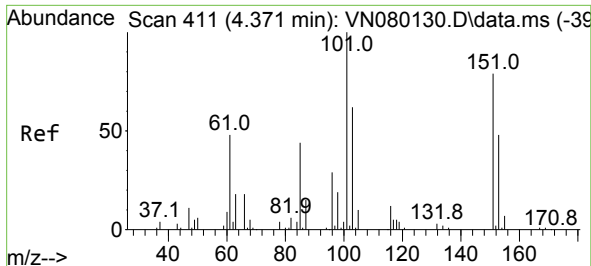
Tgt Ion:101 Resp: 106998
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1



#8
Diethyl Ether
Concen: 19.146 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 74 Resp: 29072
Ion Ratio Lower Upper
74 100
45 73.8 34.4 103.3

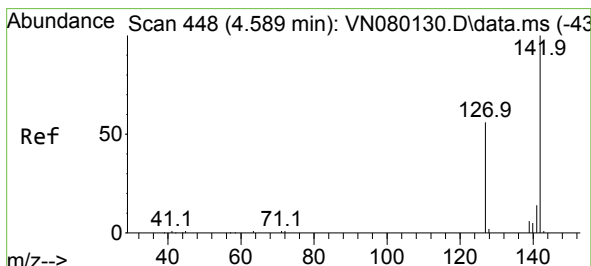
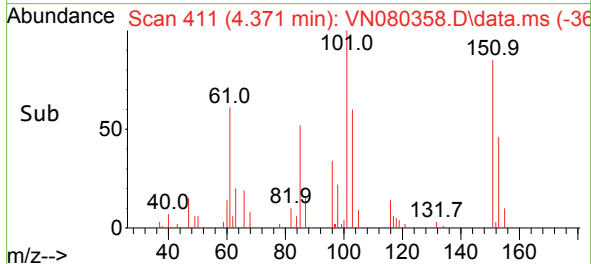
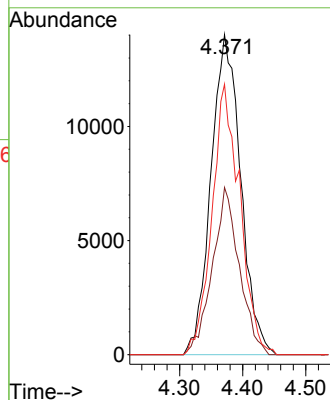
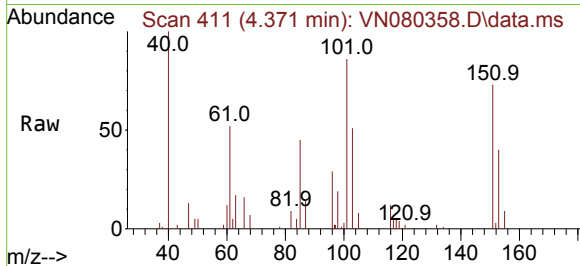




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.201 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

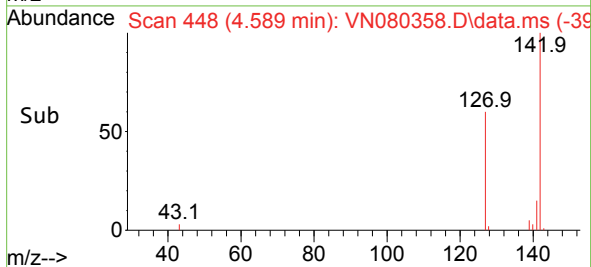
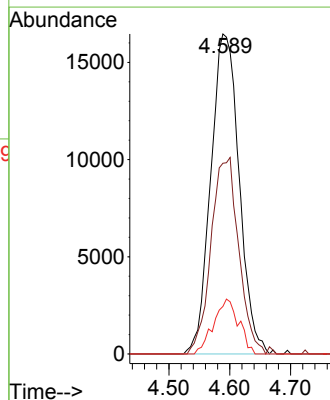
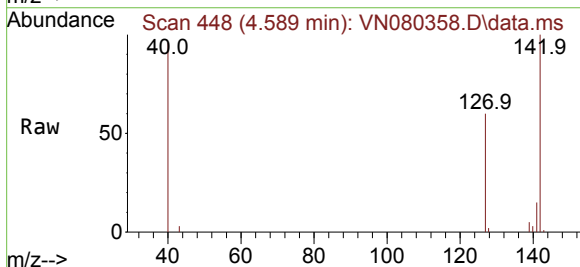
Instrument :
MSVOA_N
ClientSampleId :

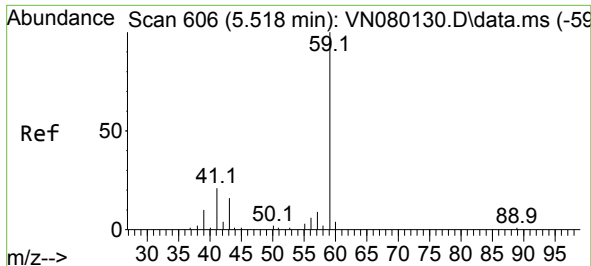
Tgt Ion:101 Resp: 45823
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 79.1 57.6 86.4



#10
Methyl Iodide
Concen: 20.679 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:142 Resp: 53334
Ion Ratio Lower Upper
142 100
127 59.6 37.6 56.4#
141 14.8 11.4 17.0

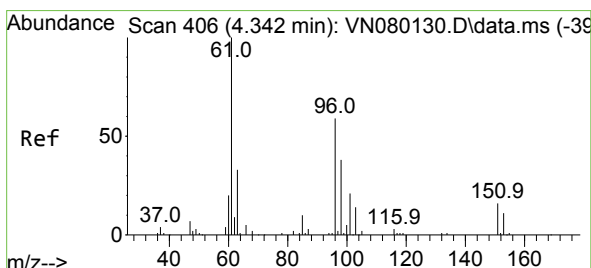
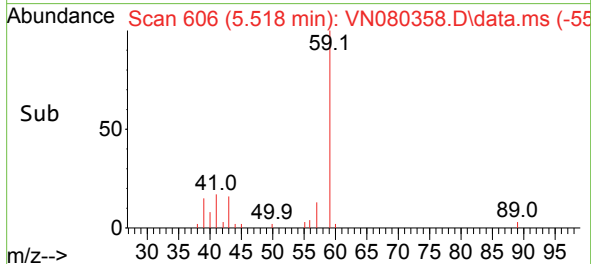
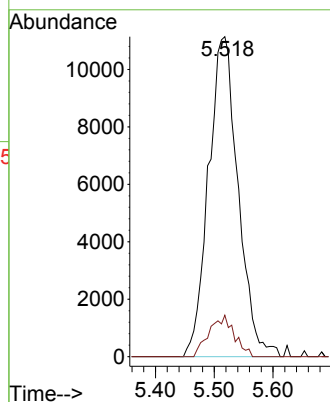
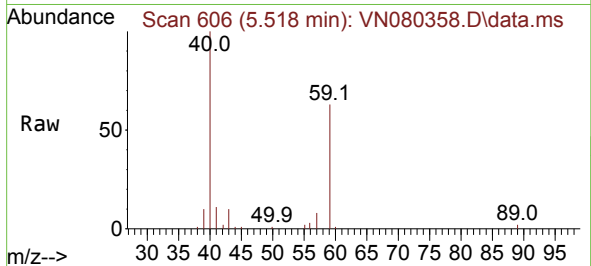




#11
Tert butyl alcohol
Concen: 101.708 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

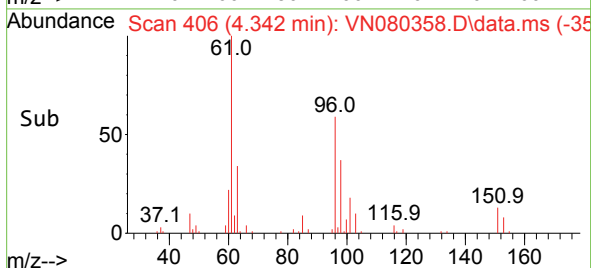
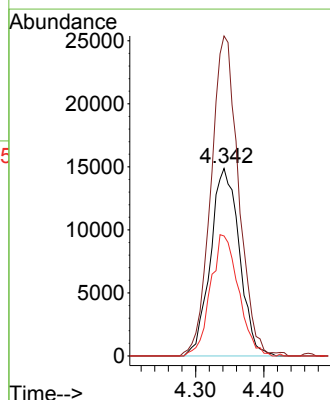
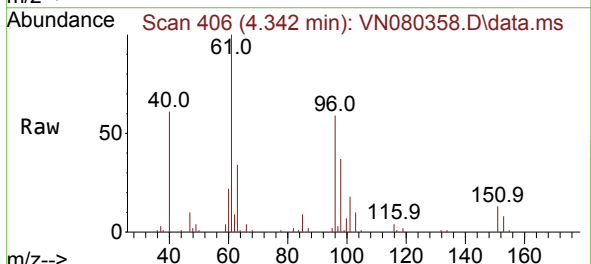
Instrument :
MSVOA_N
ClientSampleId :

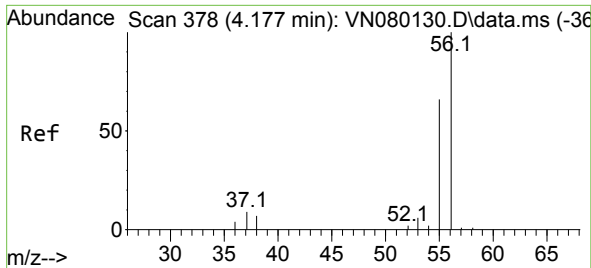
Tgt Ion: 59 Resp: 39002
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.633 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 96 Resp: 43823
Ion Ratio Lower Upper
96 100
61 170.6 112.7 169.1#
98 63.9 51.2 76.8





#13

Acrolein

Concen: 80.665 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

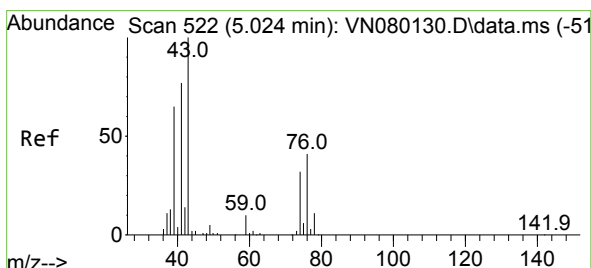
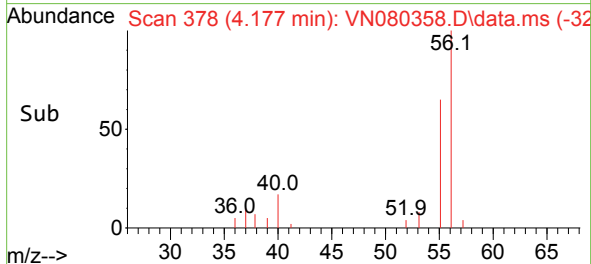
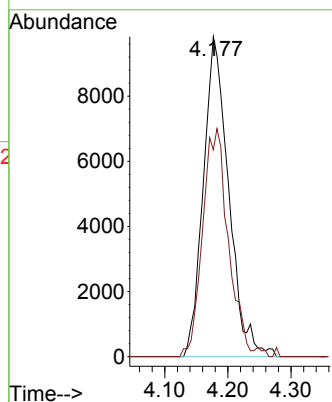
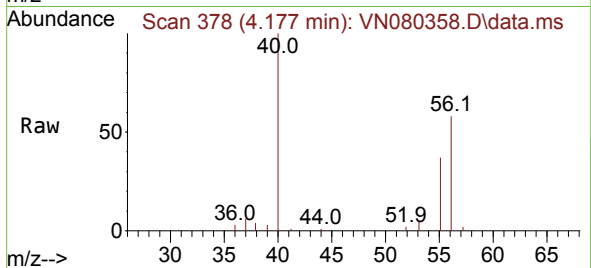
ClientSampleId :

Tgt Ion: 56 Resp: 27375

Ion Ratio Lower Upper

56 100

55 72.0 54.5 81.7



#14

Allyl chloride

Concen: 16.951 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

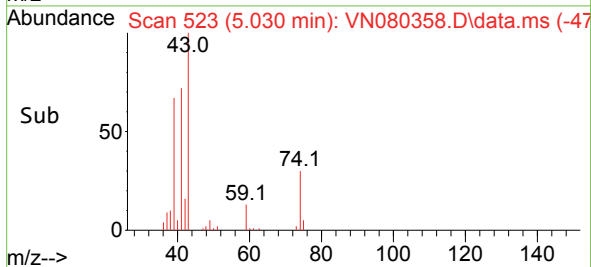
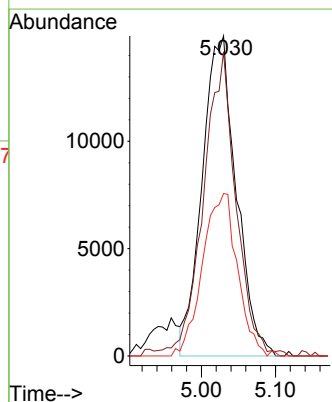
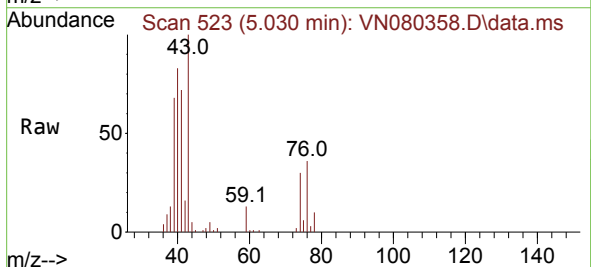
Tgt Ion: 41 Resp: 47605

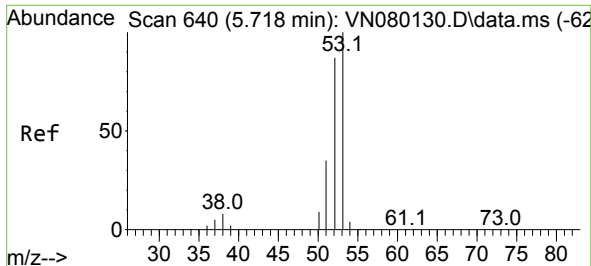
Ion Ratio Lower Upper

41 100

39 90.6 58.8 88.2#

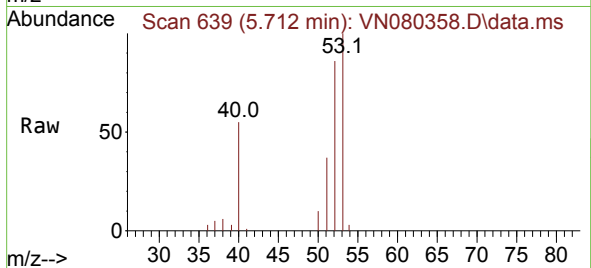
76 51.9 39.1 58.7



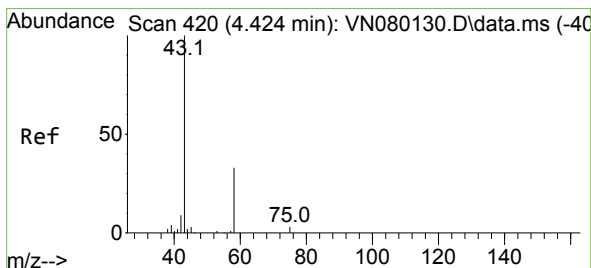
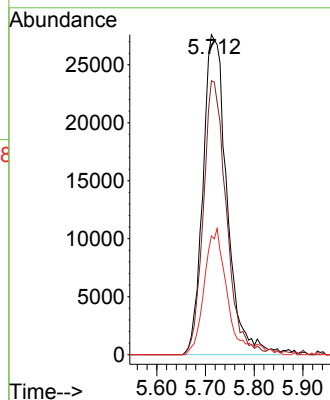
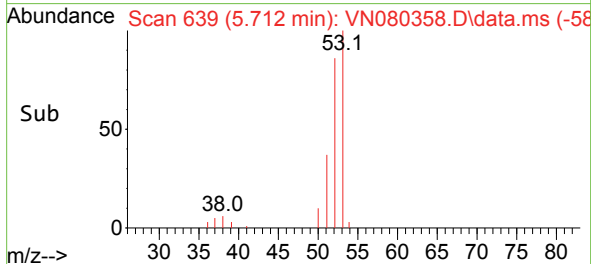


#15
Acrylonitrile
Concen: 91.738 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :

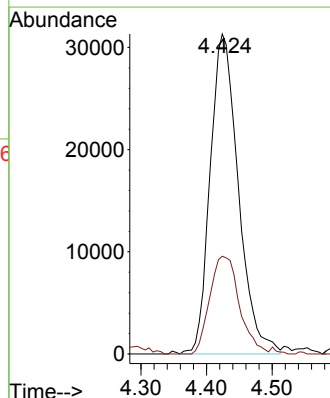
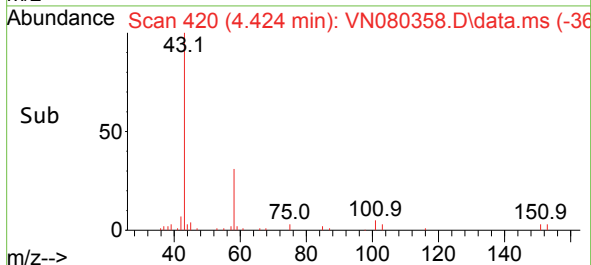
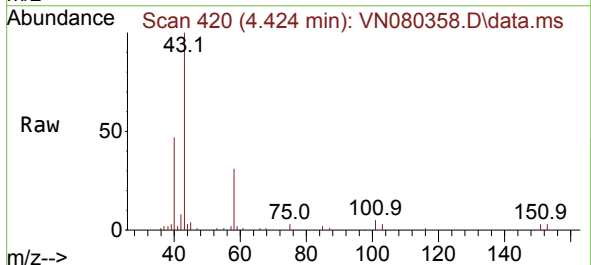


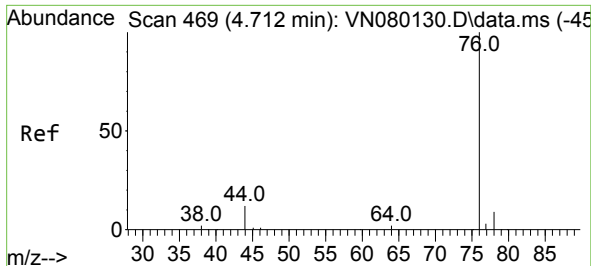
Tgt Ion: 53 Resp: 94438
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 79.840 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

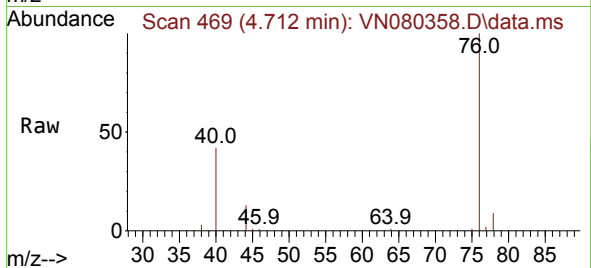
Tgt Ion: 43 Resp: 93510
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0



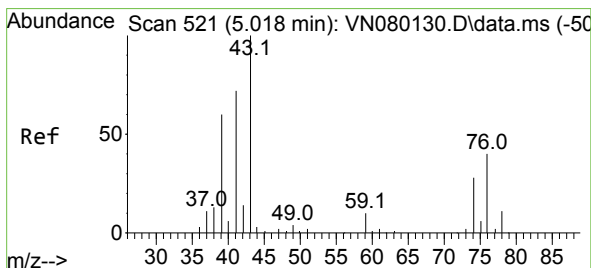
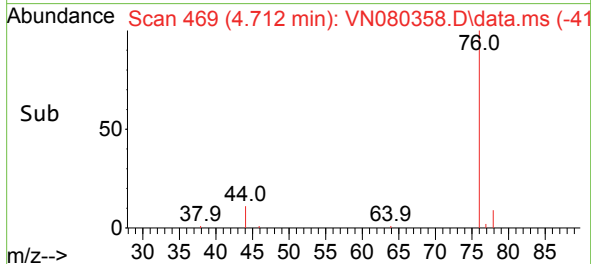
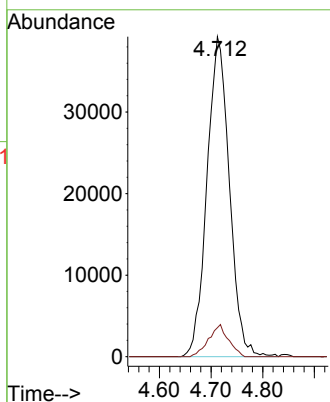


#17
Carbon Disulfide
Concen: 17.727 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :

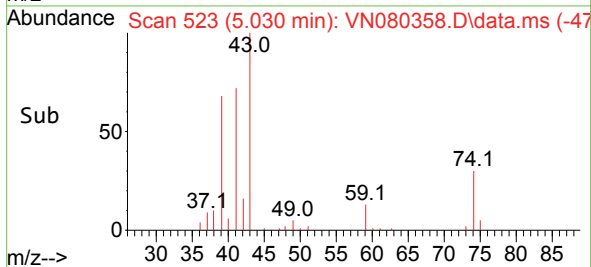
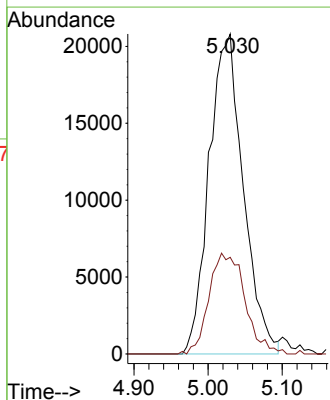
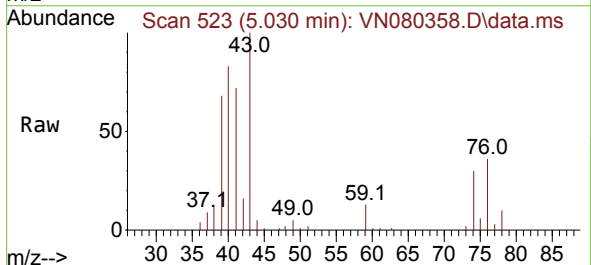


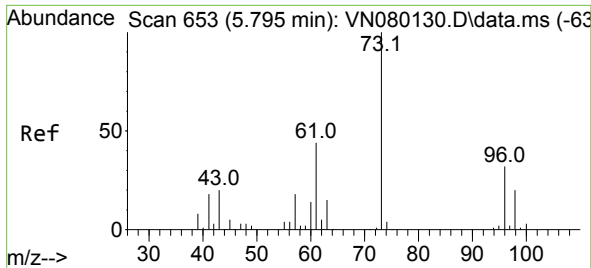
Tgt Ion: 76 Resp: 118147
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.733 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 43 Resp: 66732
Ion Ratio Lower Upper
43 100
74 33.0 26.2 39.4

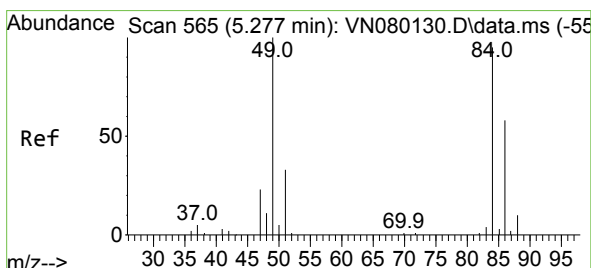
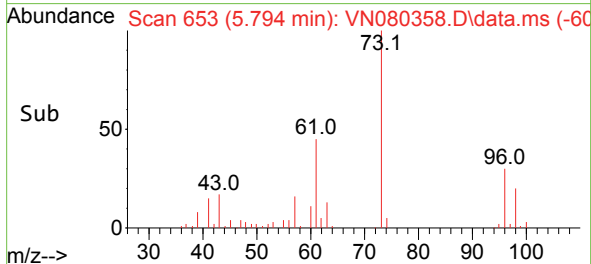
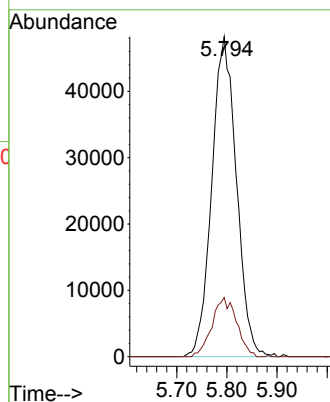
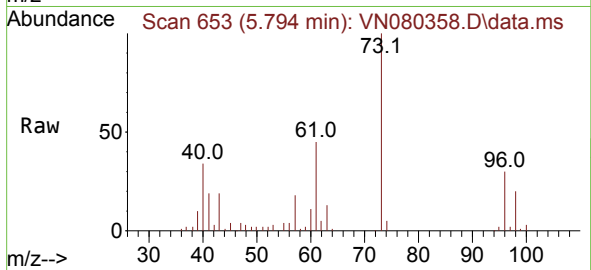




#19
Methyl tert-butyl Ether
Concen: 20.878 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

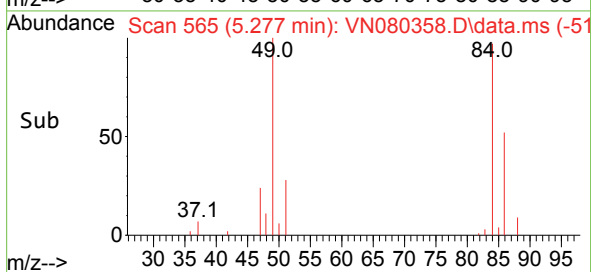
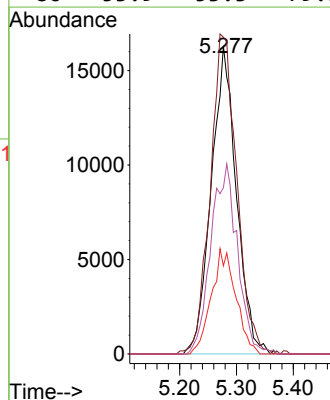
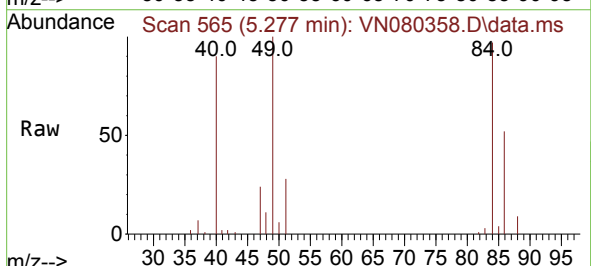
Instrument :
MSVOA_N
ClientSampleId :

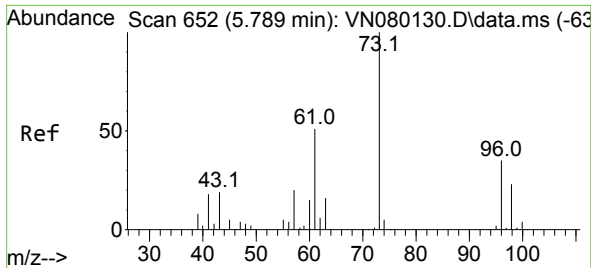
Tgt Ion: 73 Resp: 164577
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4



#20
Methylene Chloride
Concen: 20.482 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 84 Resp: 50237
Ion Ratio Lower Upper
84 100
49 102.8 79.7 119.5
51 28.6 25.2 37.8
86 53.9 53.3 79.9

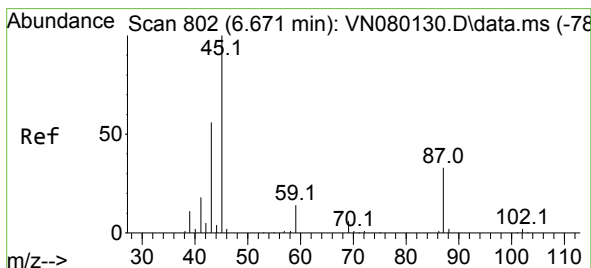
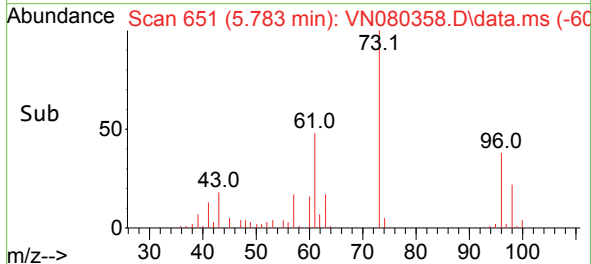
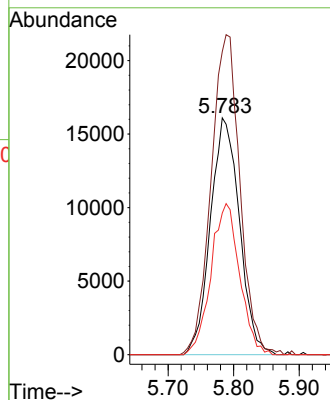
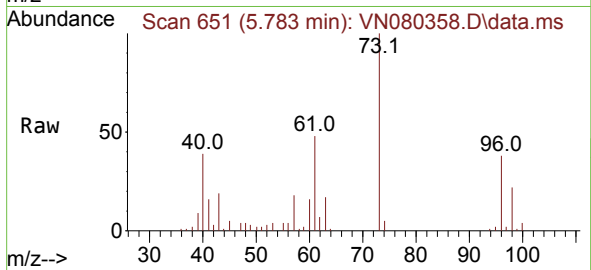




#21
trans-1,2-Dichloroethene
Concen: 20.176 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

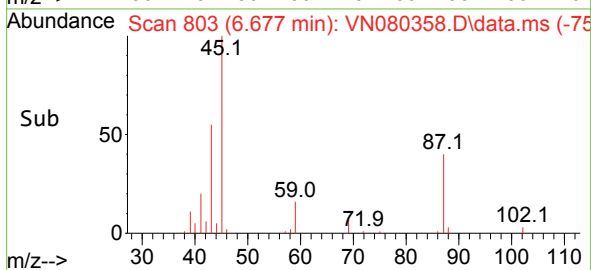
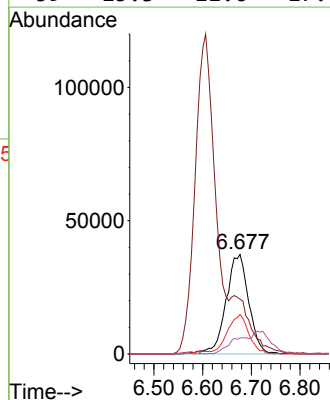
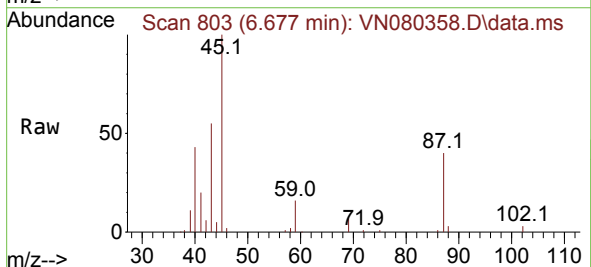
Instrument :
MSVOA_N
ClientSampleId :

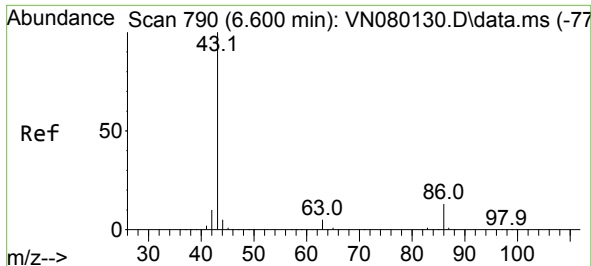
Tgt Ion: 96 Resp: 49474
Ion Ratio Lower Upper
96 100
61 127.9 90.1 135.1
98 59.7 46.4 69.6



#22
Diisopropyl ether
Concen: 19.448 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 45 Resp: 120837
Ion Ratio Lower Upper
45 100
43 52.0 45.5 68.3
87 39.8 31.8 47.8
59 15.3 11.6 17.4

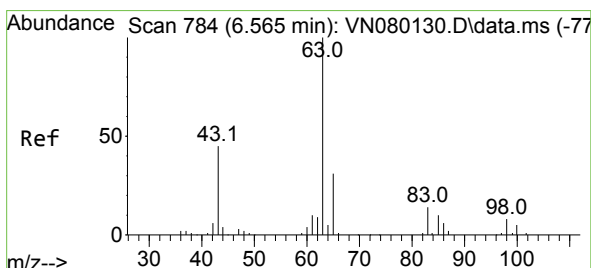
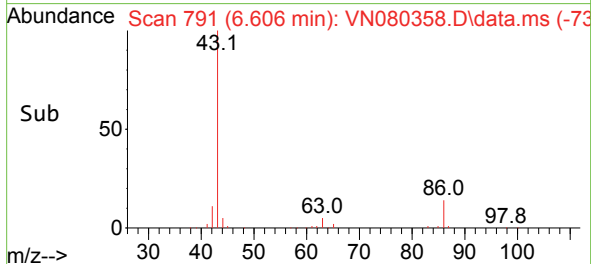
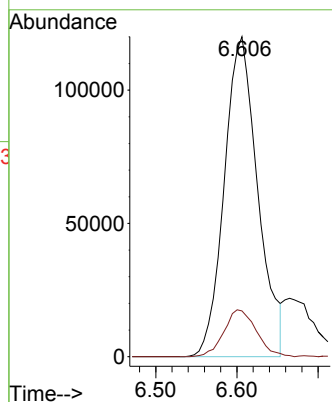
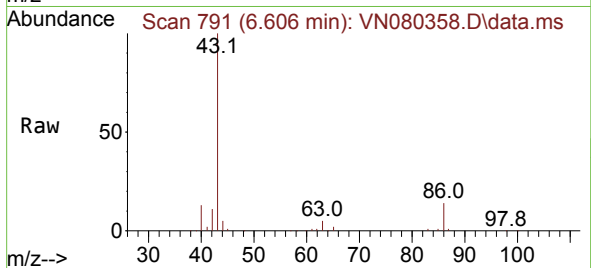




#23
 Vinyl Acetate
 Concen: 92.307 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

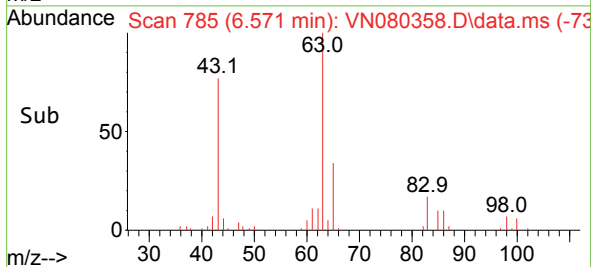
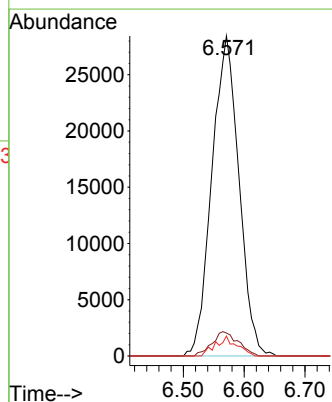
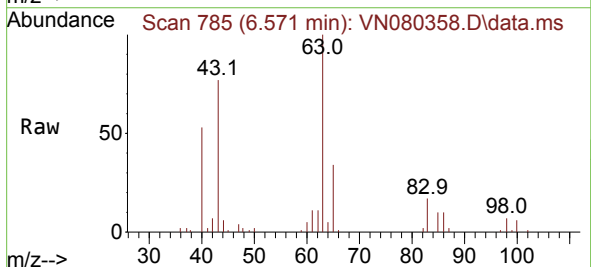
Instrument :
 MSVOA_N
 ClientSampleId :

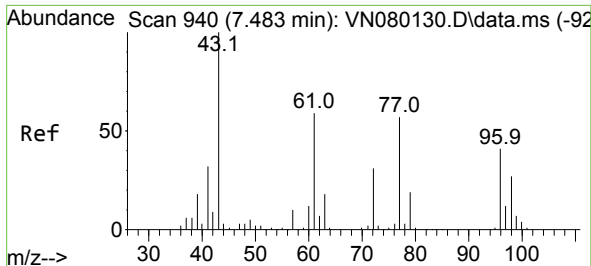
Tgt Ion: 43 Resp: 344798
 Ion Ratio Lower Upper
 43 100
 86 14.3 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 19.407 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Tgt Ion: 63 Resp: 87823
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 6.2 2.5 7.4

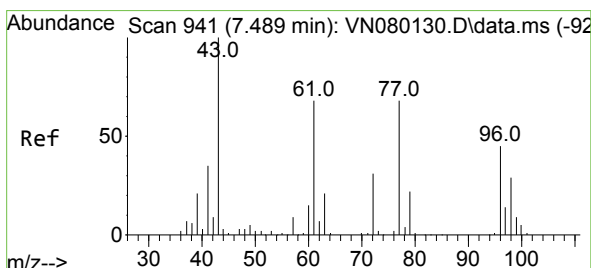
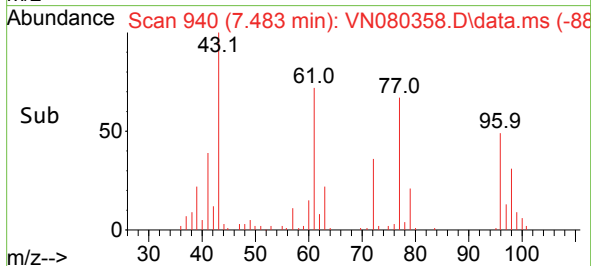
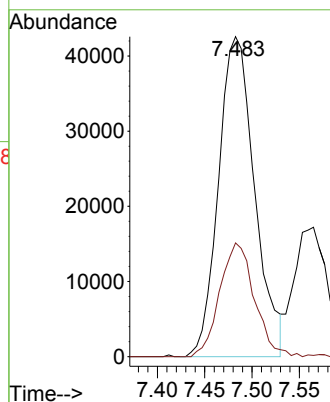
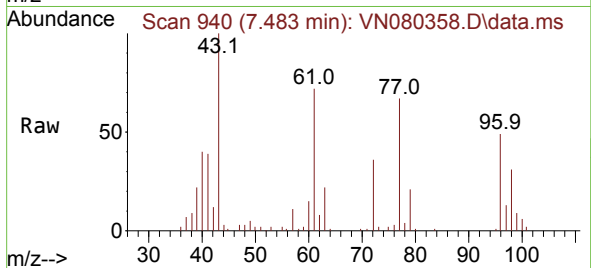




#25
2-Butanone
Concen: 81.139 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

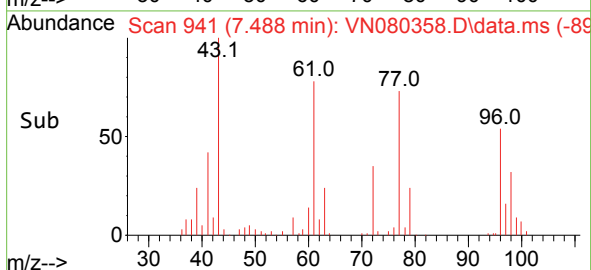
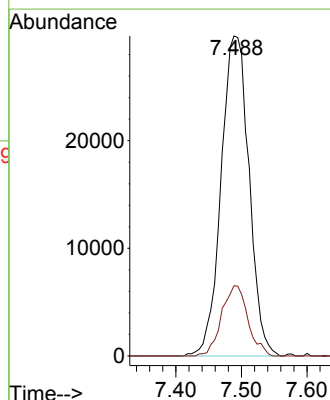
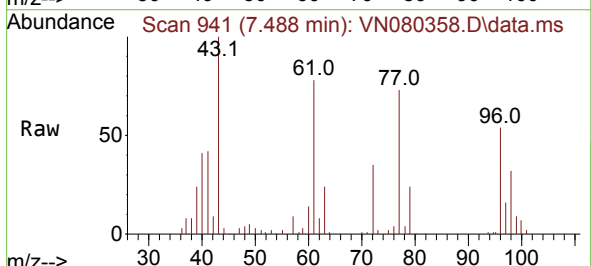
Instrument :
MSVOA_N
ClientSampleId :

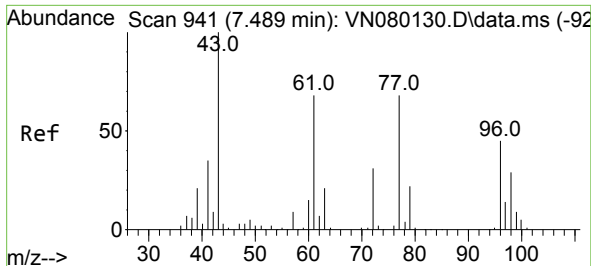
Tgt Ion: 43 Resp: 112909
Ion Ratio Lower Upper
43 100
72 35.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.575 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

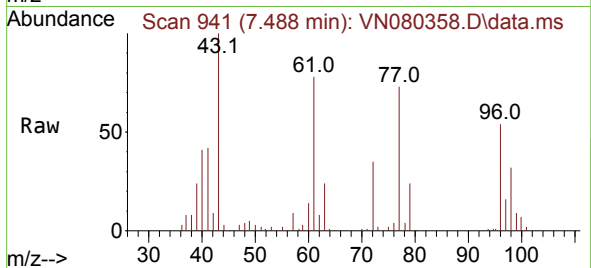
Tgt Ion: 77 Resp: 87887
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6



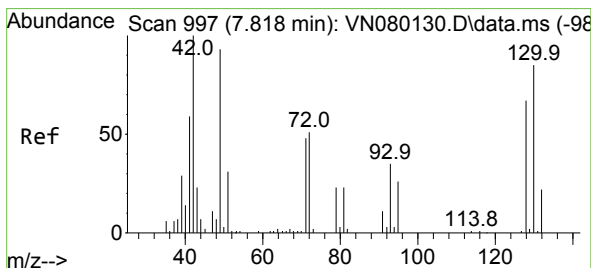
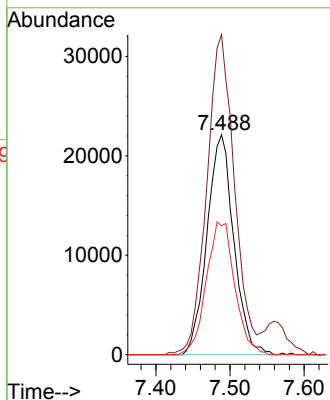
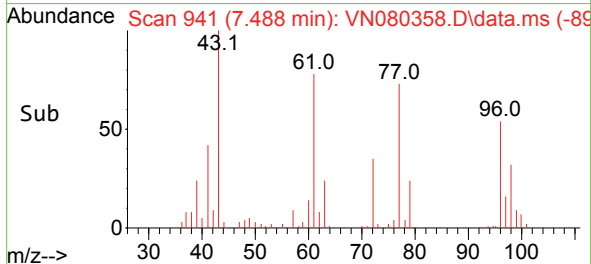


#27
 cis-1,2-Dichloroethene
 Concen: 19.976 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

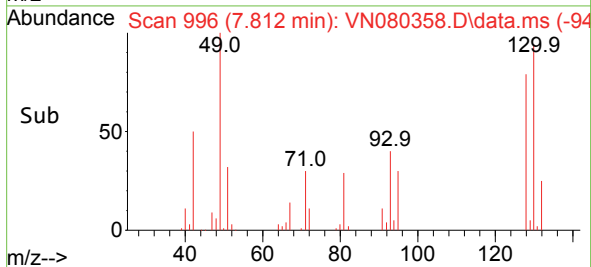
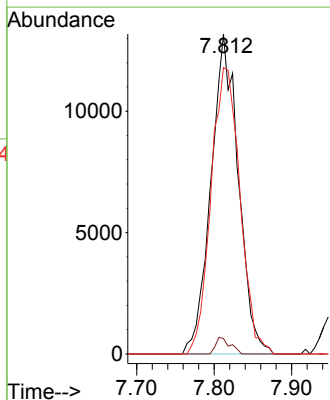
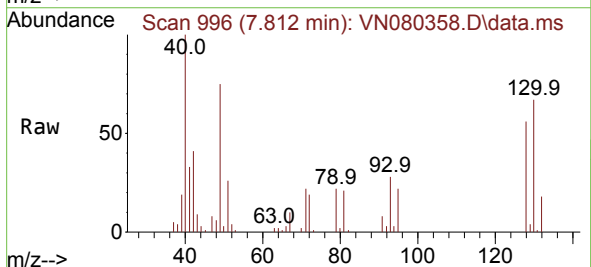


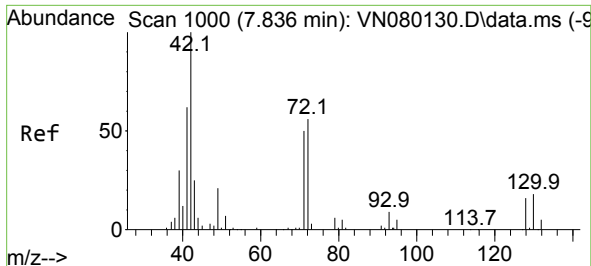
Tgt Ion: 96 Resp: 55536
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 255.2
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.247 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Tgt Ion: 49 Resp: 32462
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 94.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.459 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

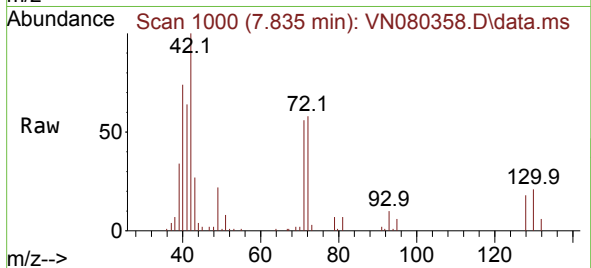
Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

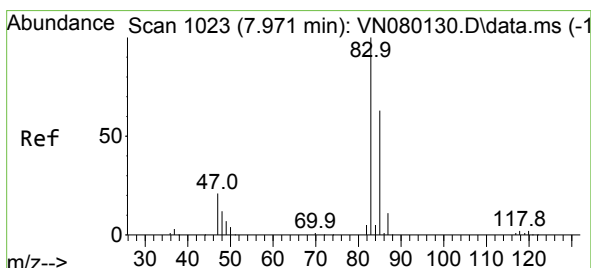
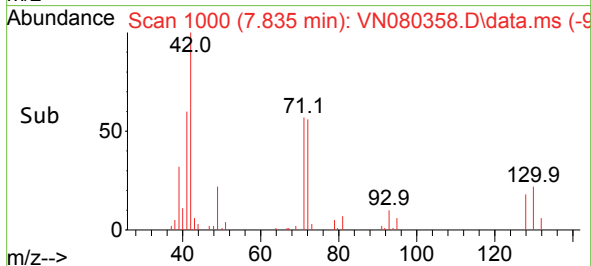
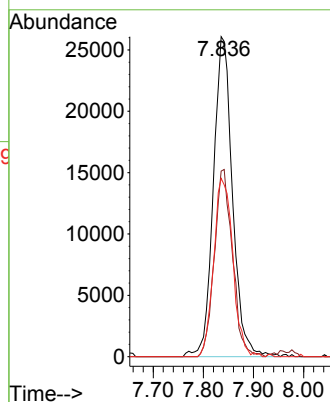
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	69075
Ion	Ratio	Lower	Upper
42	100		
72	55.4	49.8	74.6
71	55.7	47.4	71.2



#30

Chloroform

Concen: 21.026 ug/l

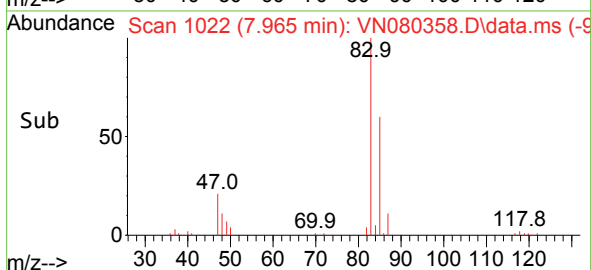
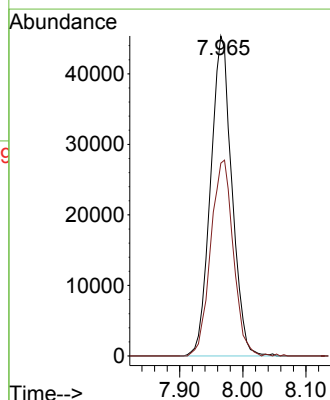
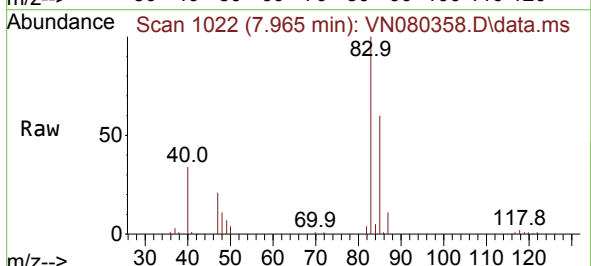
RT: 7.965 min Scan# 1022

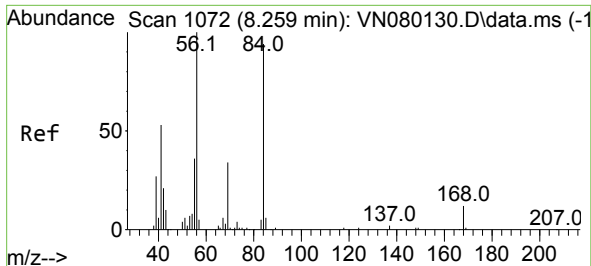
Delta R.T. -0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

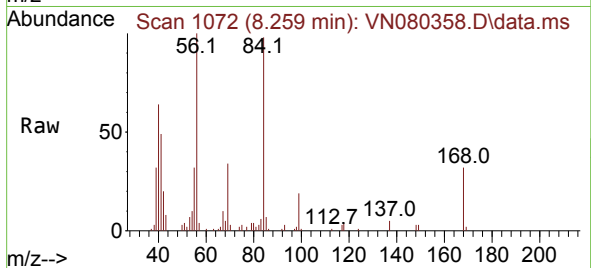
Tgt Ion:	83	Resp:	106350
Ion	Ratio	Lower	Upper
83	100		
85	60.2	55.4	83.0



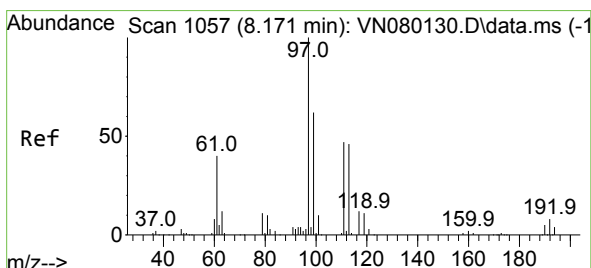
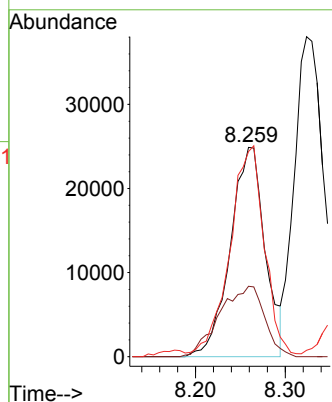
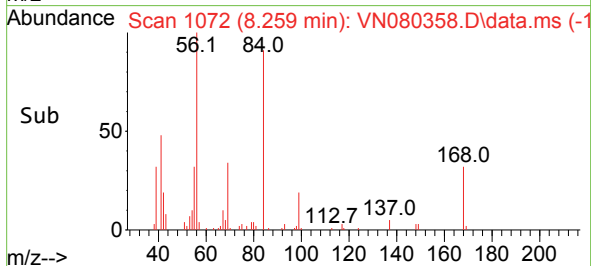


#31
Cyclohexane
Concen: 17.663 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :

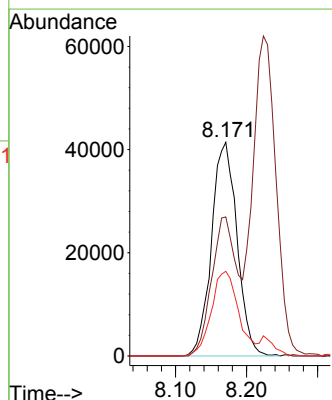
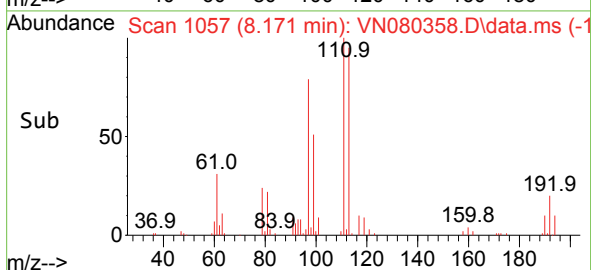
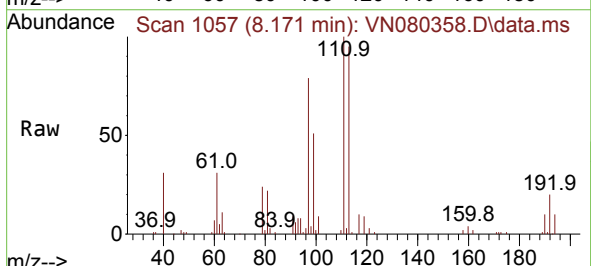


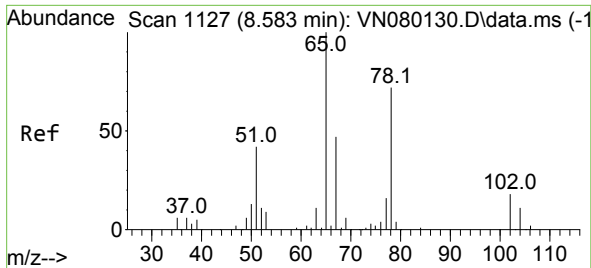
Tgt Ion: 56 Resp: 66981
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 95.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.951 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 97 Resp: 103343
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 42.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.185 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

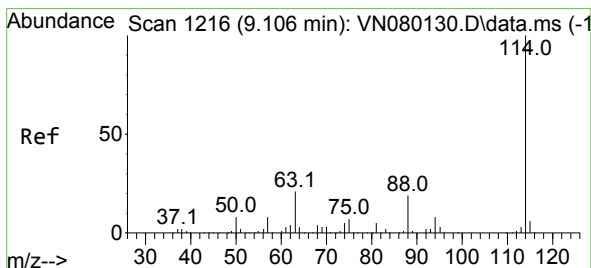
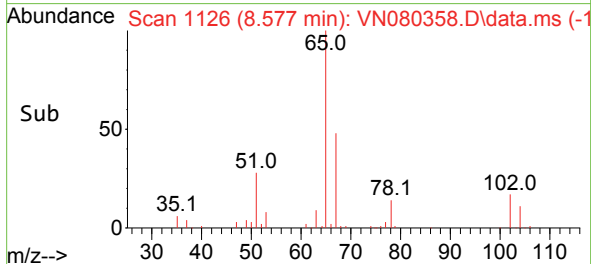
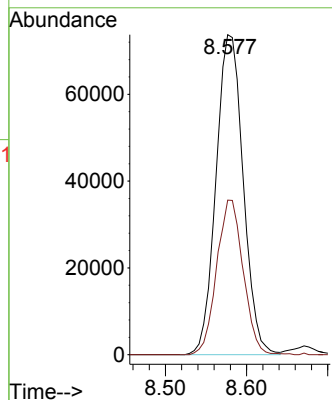
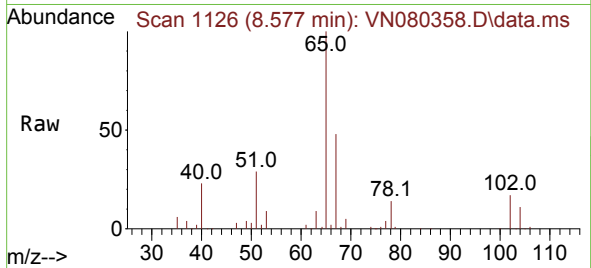
ClientSampleId :

Tgt Ion: 65 Resp: 171510

Ion Ratio Lower Upper

65 100

67 47.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

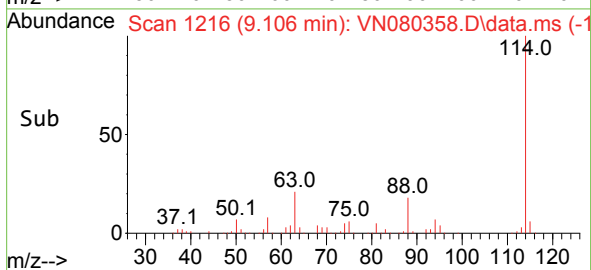
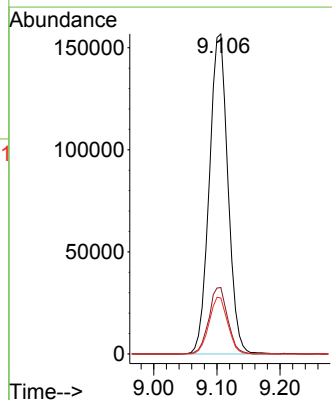
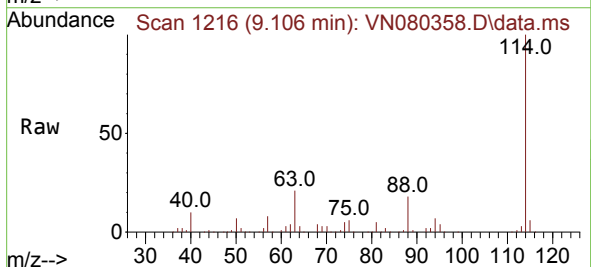
Tgt Ion: 114 Resp: 320522

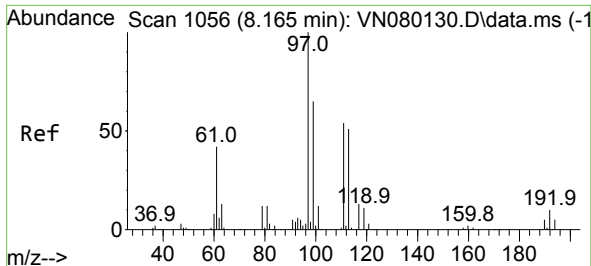
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

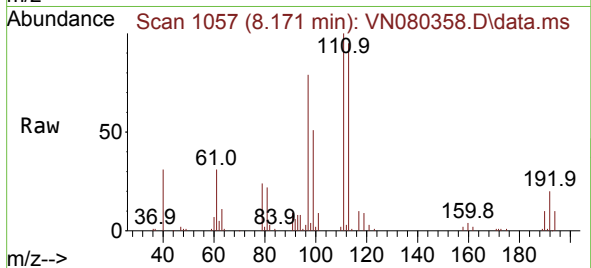
88 17.5 0.0 30.6



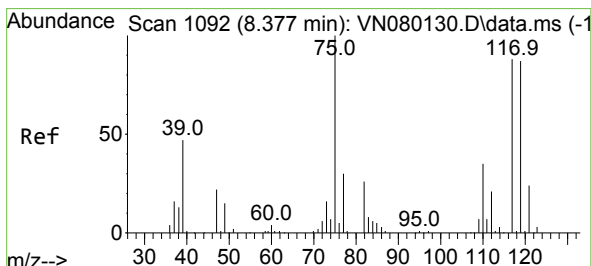
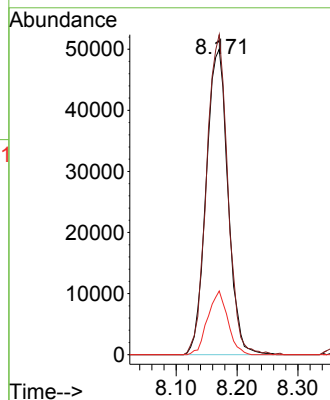
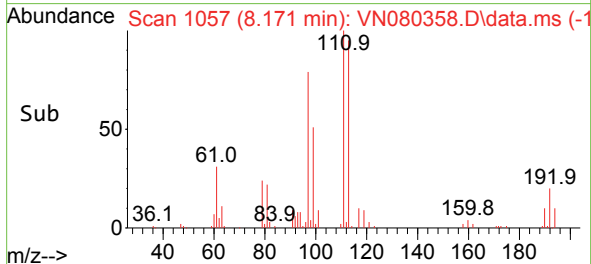


#35
Dibromofluoromethane
Concen: 52.545 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

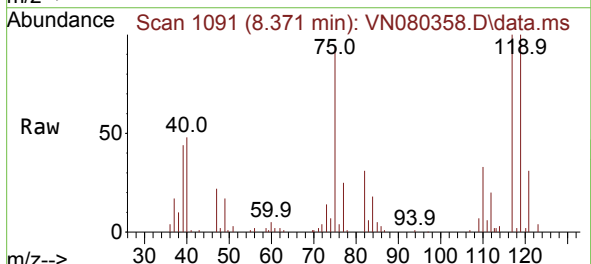
Instrument :
MSVOA_N
ClientSampleId :



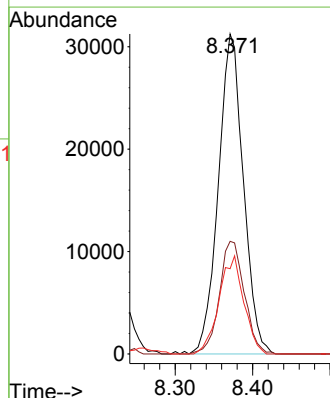
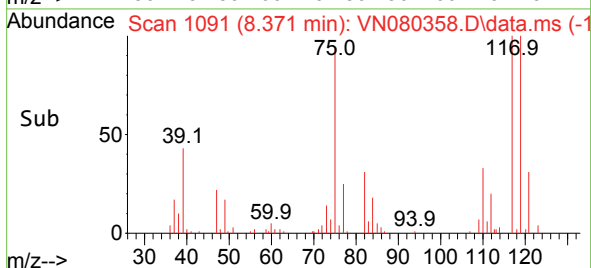
Tgt Ion:113 Resp: 124271
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.2 12.7 19.1#

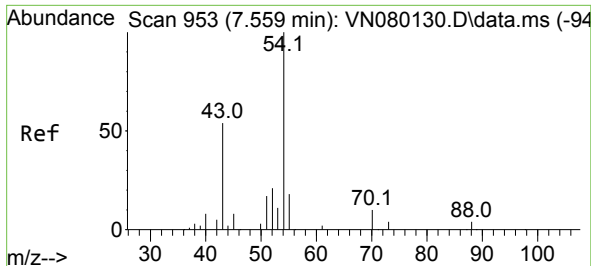


#36
1,1-Dichloropropene
Concen: 20.509 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01



Tgt Ion: 75 Resp: 70224
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 18.387 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

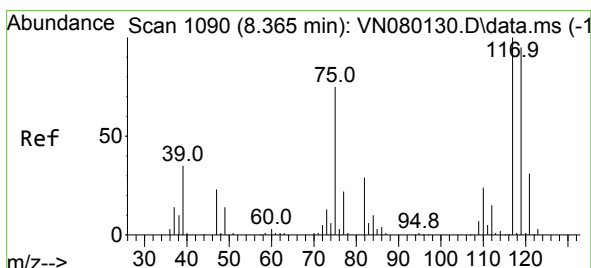
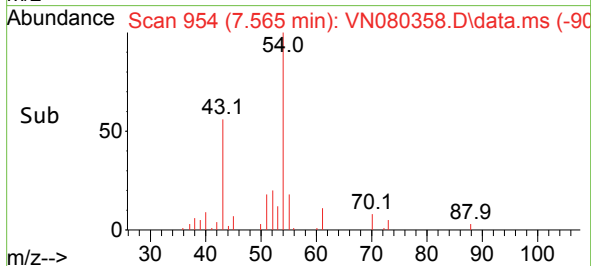
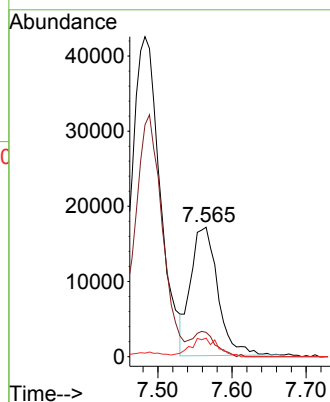
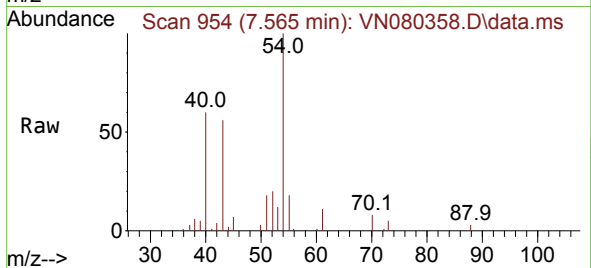
Tgt Ion: 43 Resp: 43671

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 14.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 22.013 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

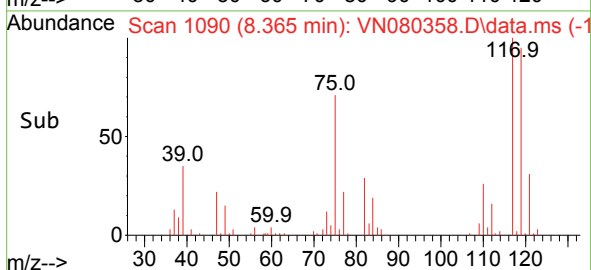
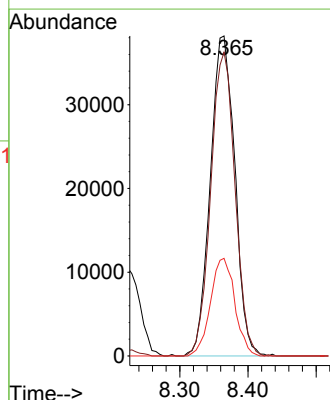
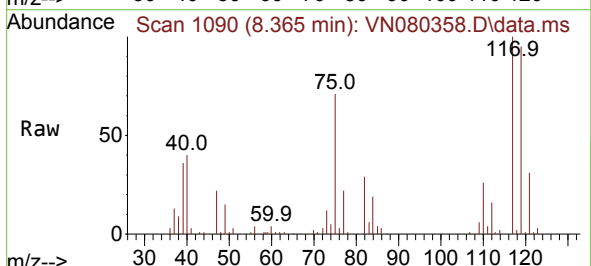
Tgt Ion: 117 Resp: 95649

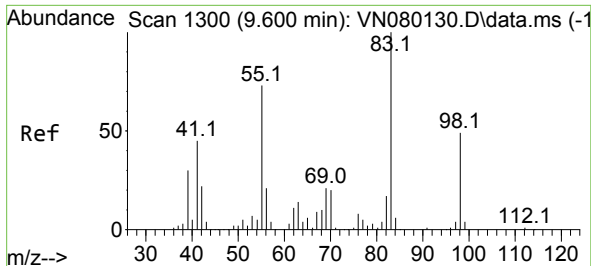
Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9

121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.832 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

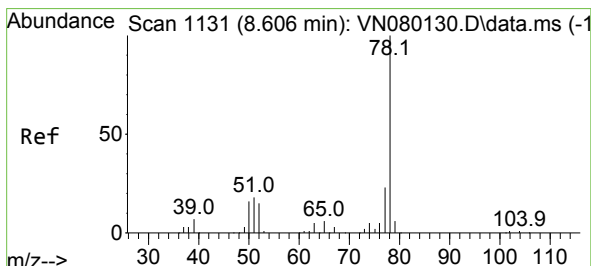
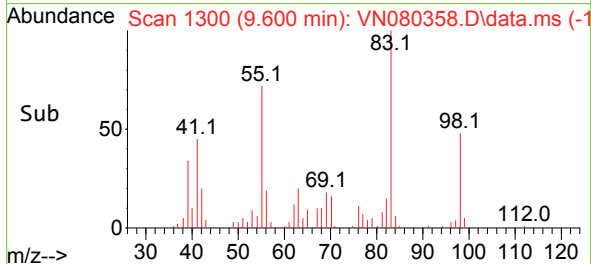
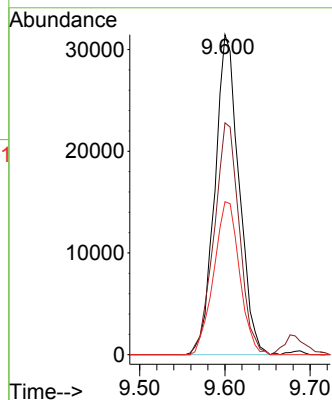
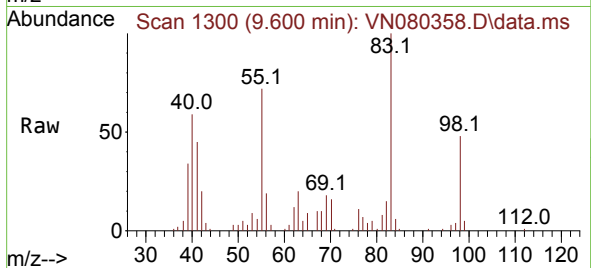
Tgt Ion: 83 Resp: 62175

Ion Ratio Lower Upper

83 100

55 72.4 49.1 73.7

98 47.8 40.6 61.0



#40

Benzene

Concen: 20.983 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080358.D

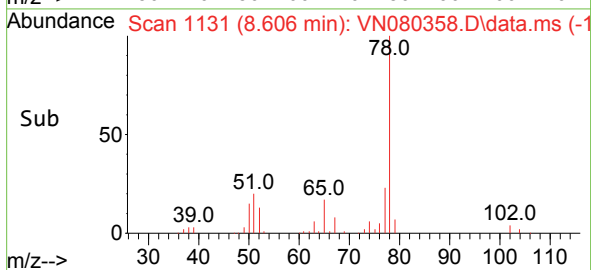
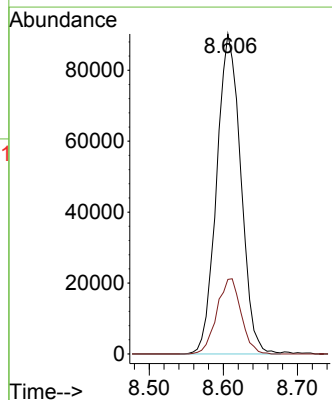
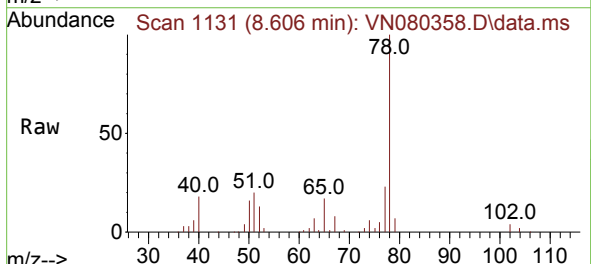
Acq: 05 Dec 2023 12:01

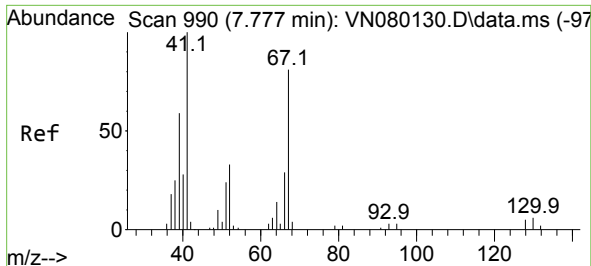
Tgt Ion: 78 Resp: 204198

Ion Ratio Lower Upper

78 100

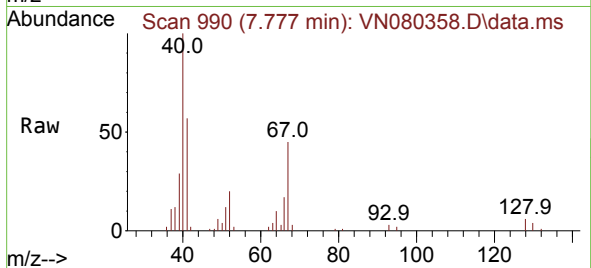
77 23.3 19.0 28.6



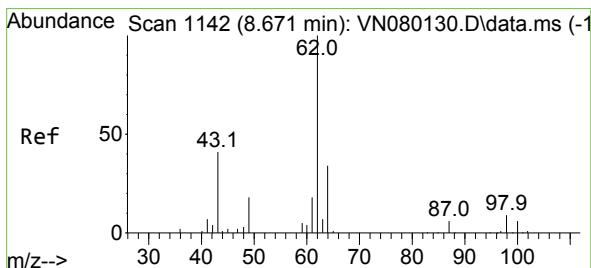
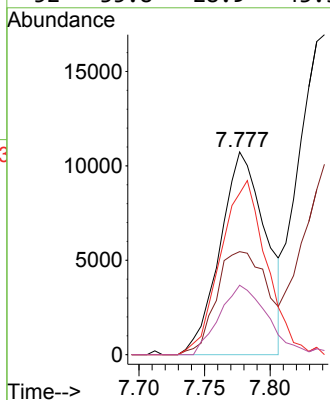
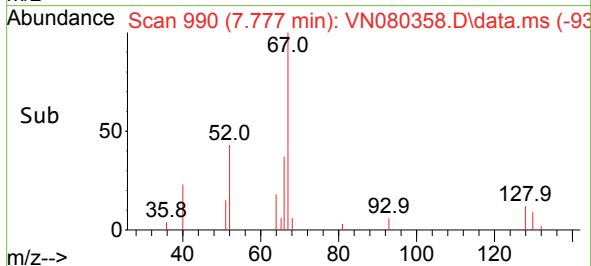


#41
Methacrylonitrile
Concen: 19.914 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :

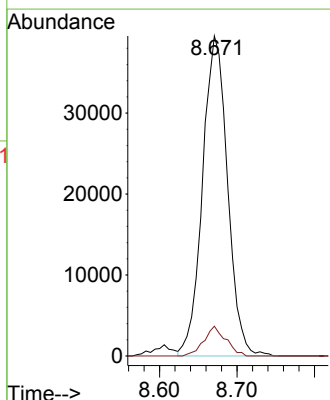
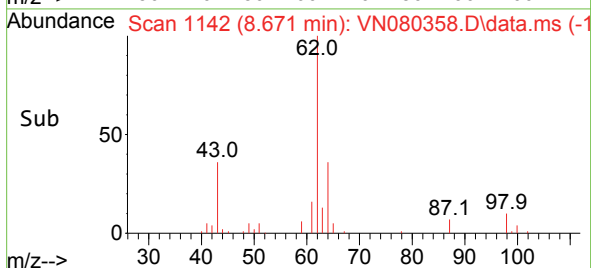
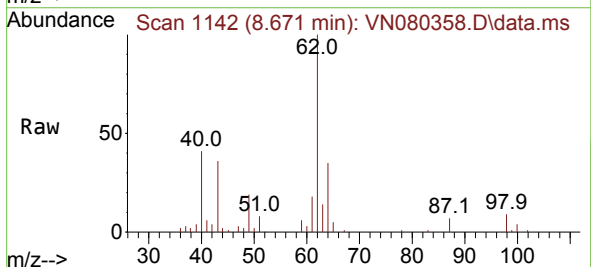


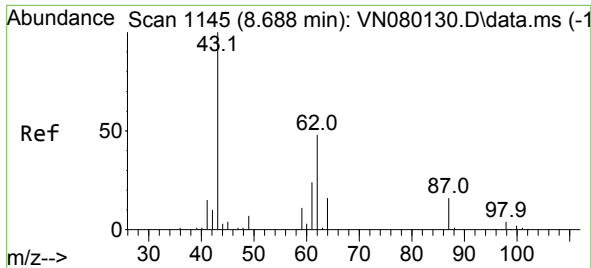
Tgt Ion:	41	Resp:	25974
Ion Ratio	Lower	Upper	
41	100		
39	56.9	42.6	64.0
67	86.8	77.5	116.3
52	35.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.312 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:	62	Resp:	88833
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	19.8

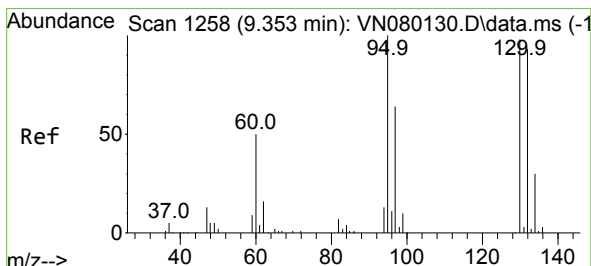
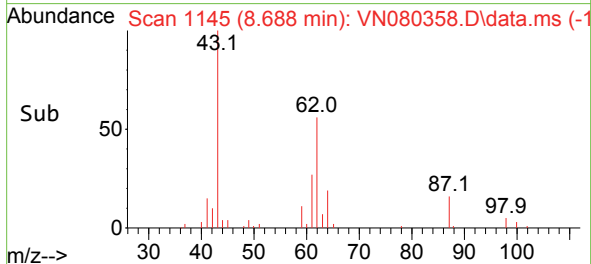
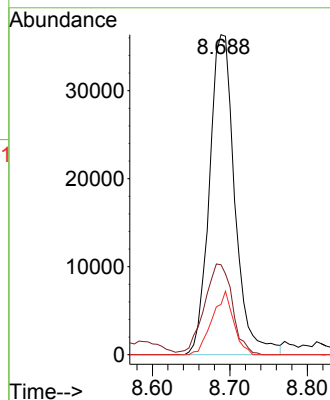
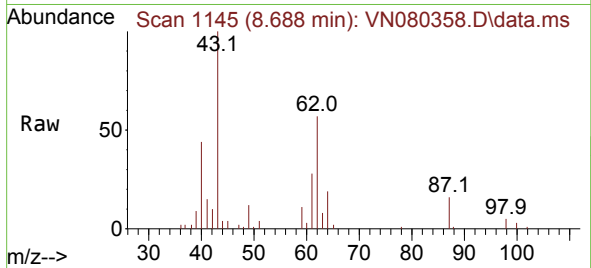




#43
Isopropyl Acetate
Concen: 17.949 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

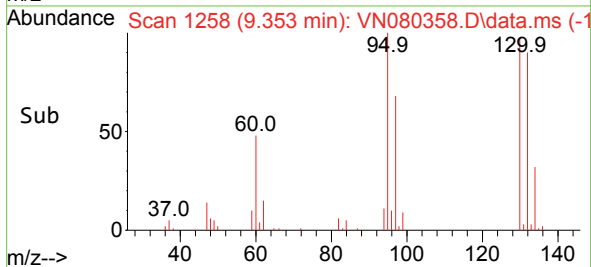
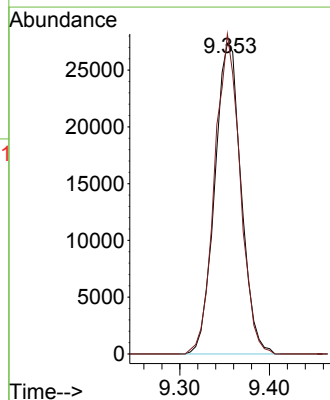
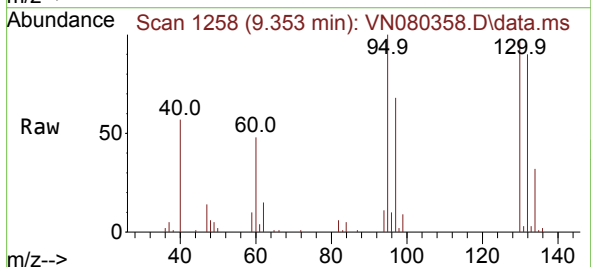
Instrument :
MSVOA_N
ClientSampleId :

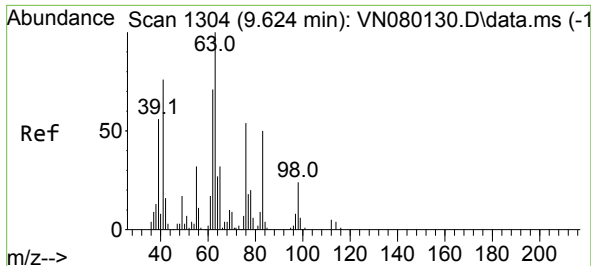
Tgt Ion: 43 Resp: 82960
Ion Ratio Lower Upper
43 100
61 31.3 24.7 37.1
87 16.6 14.6 21.8



#44
Trichloroethene
Concen: 21.867 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:130 Resp: 55821
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.468 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

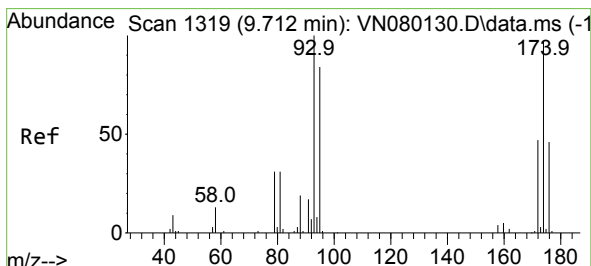
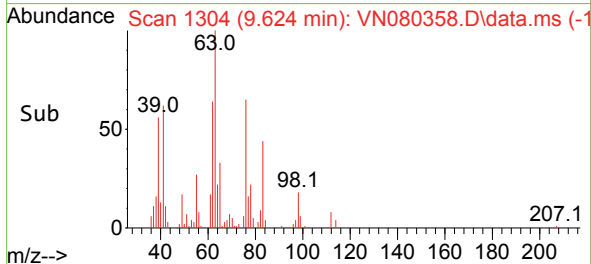
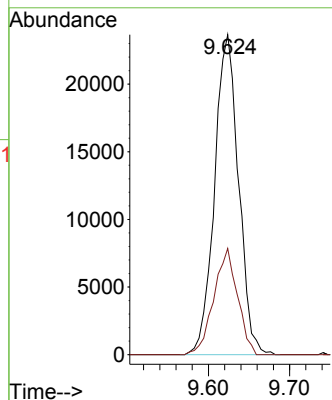
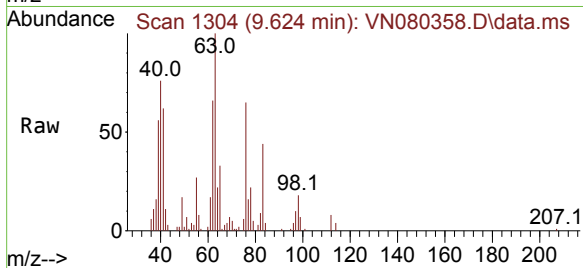
ClientSampleId :

Tgt Ion: 63 Resp: 48552

Ion Ratio Lower Upper

63 100

65 33.2 23.9 35.9



#46

Dibromomethane

Concen: 22.201 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

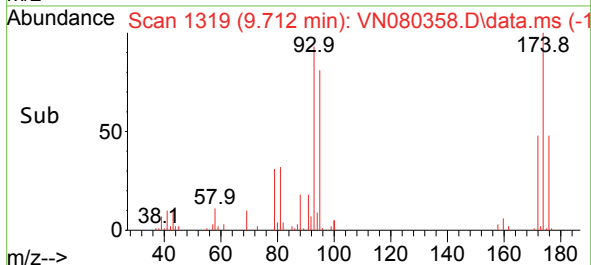
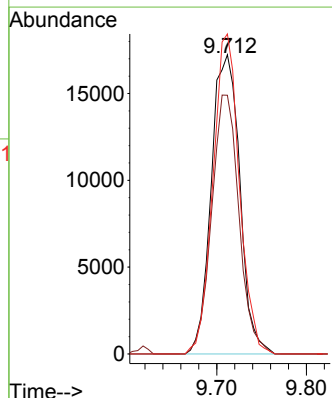
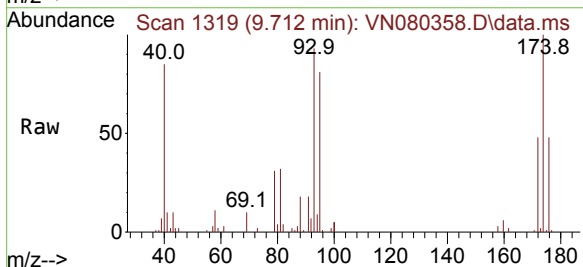
Tgt Ion: 93 Resp: 38007

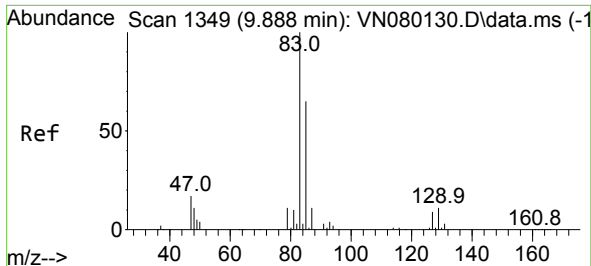
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 99.1 65.6 98.4#





#47

Bromodichloromethane

Concen: 22.437 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080358.D

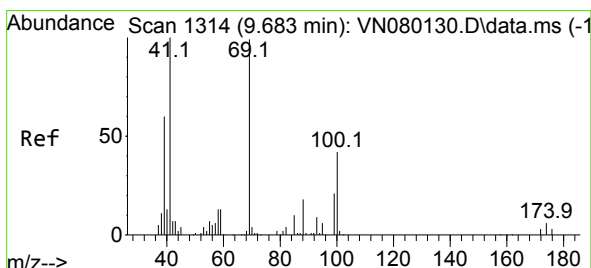
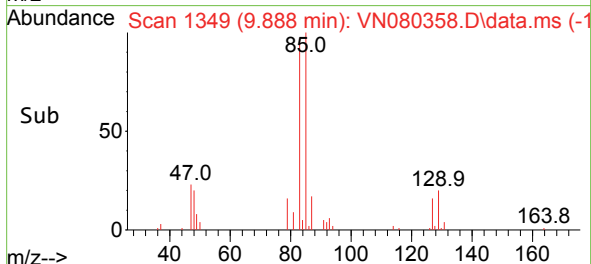
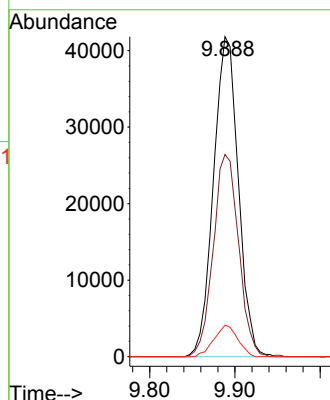
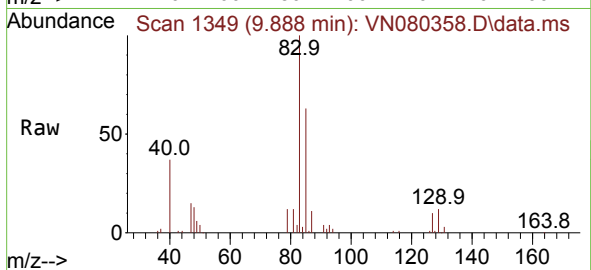
Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 84492
Ion Ratio	Lower Upper
83	100
85	63.2 49.6 74.4
127	9.9 7.0 10.6



#48

Methyl methacrylate

Concen: 19.955 ug/l

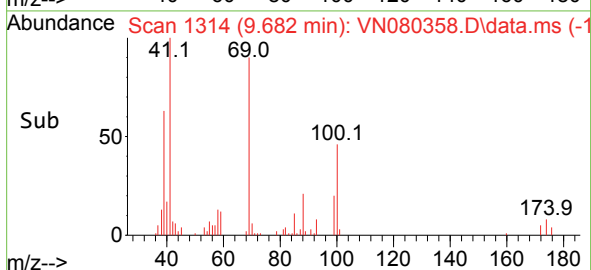
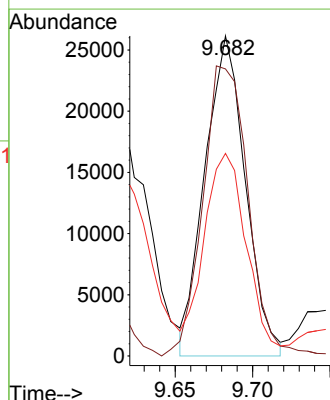
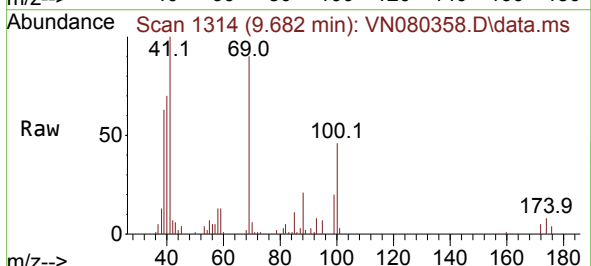
RT: 9.682 min Scan# 1314

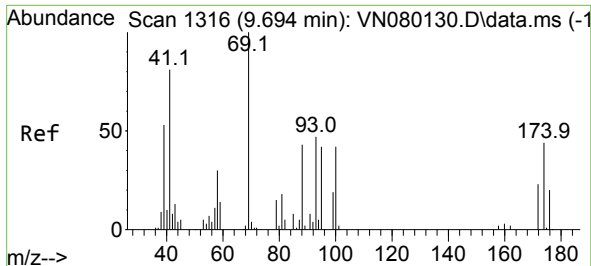
Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Tgt Ion: 41	Resp: 47530
Ion Ratio	Lower Upper
41	100
69	101.2 90.4 135.6
39	65.6 54.6 81.8





#49

1,4-Dioxane

Concen: 410.228 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

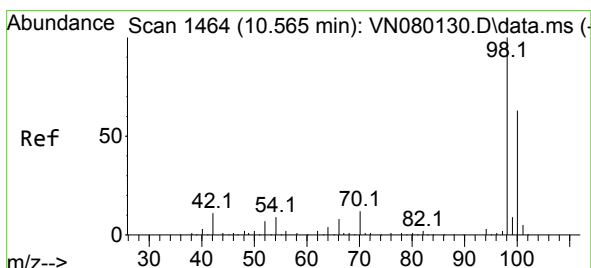
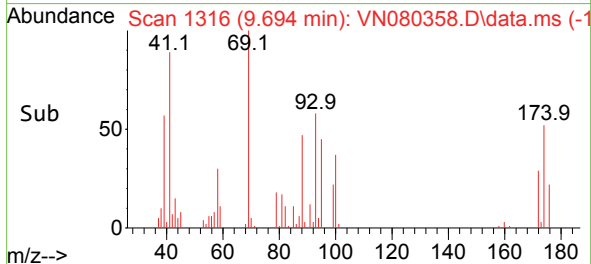
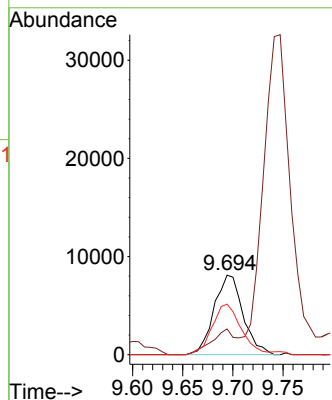
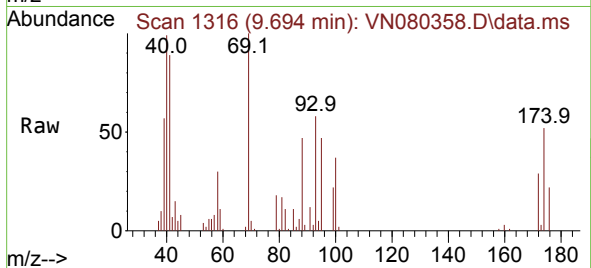
Tgt Ion: 88 Resp: 16255

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 65.3 47.0 70.4



#50

Toluene-d8

Concen: 49.536 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080358.D

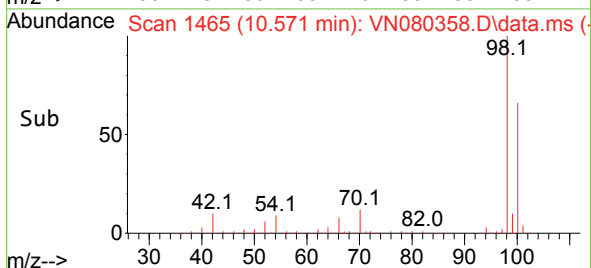
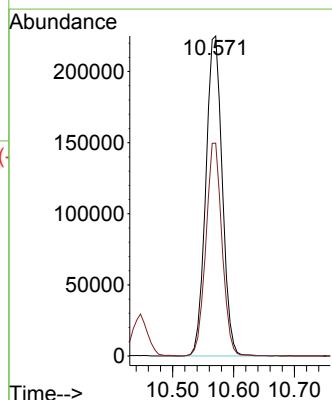
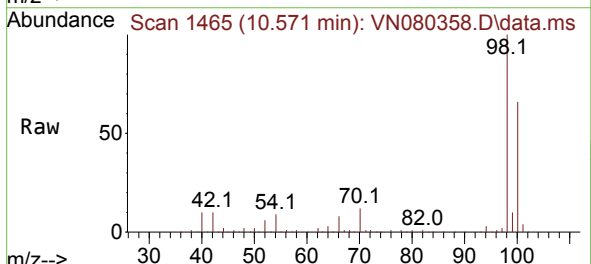
Acq: 05 Dec 2023 12:01

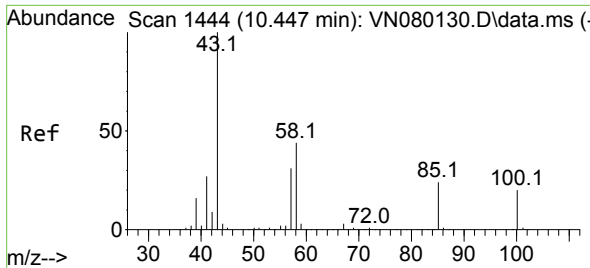
Tgt Ion: 98 Resp: 422321

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

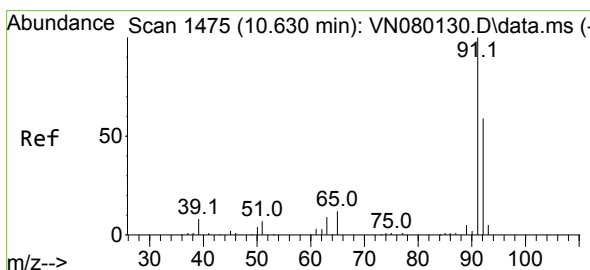
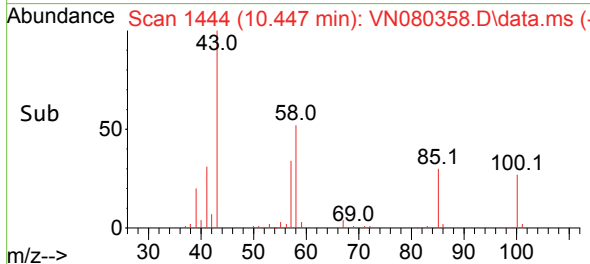
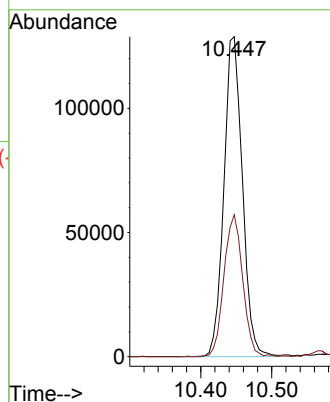
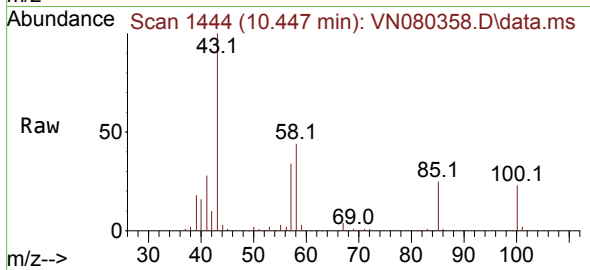




#51
4-Methyl-2-Pentanone
Concen: 97.340 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

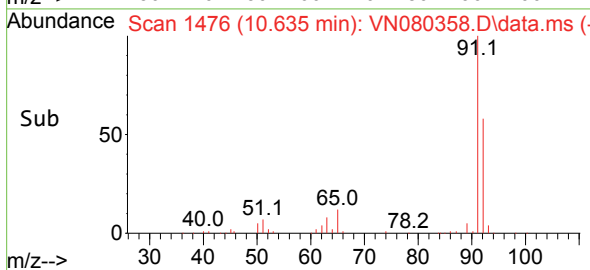
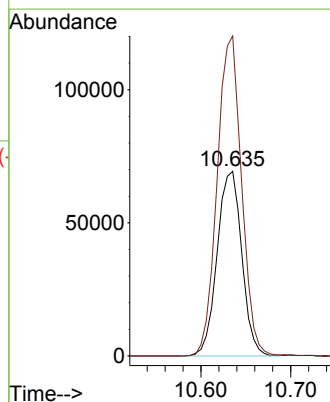
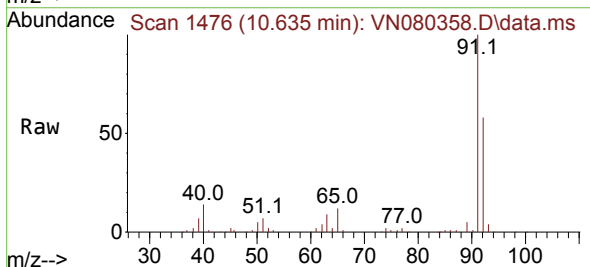
Instrument :
MSVOA_N
ClientSampleId :

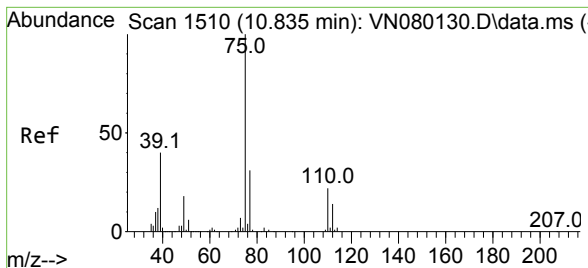
Tgt Ion: 43 Resp: 232919
Ion Ratio Lower Upper
43 100
58 45.1 36.6 54.8



#52
Toluene
Concen: 21.709 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 92 Resp: 132216
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

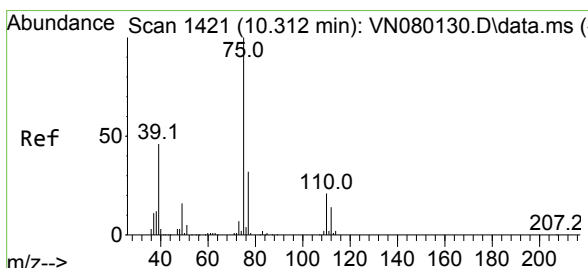
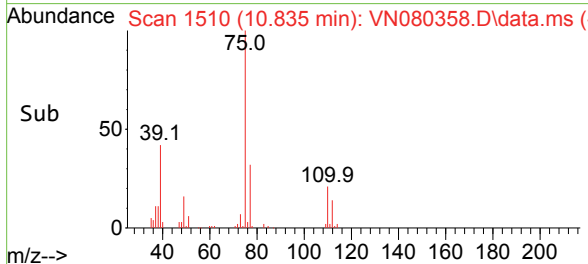
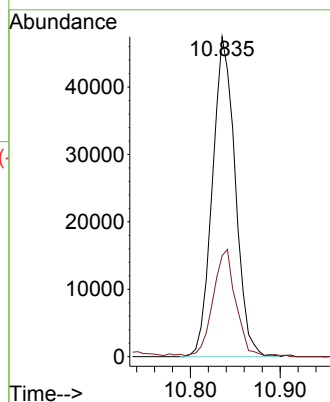
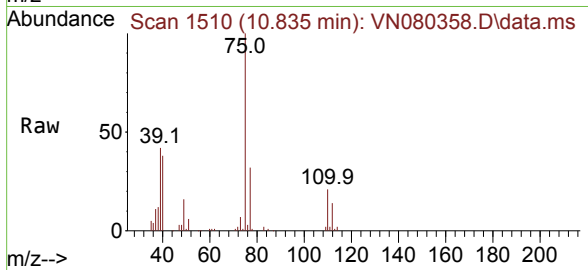




#53
 t-1,3-Dichloropropene
 Concen: 21.647 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

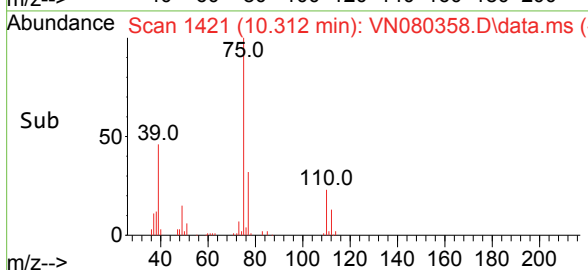
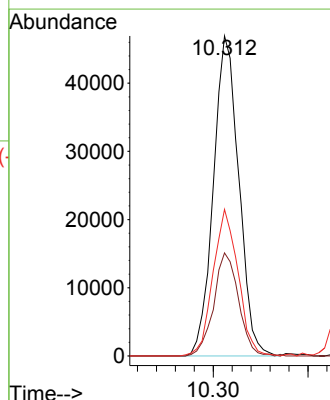
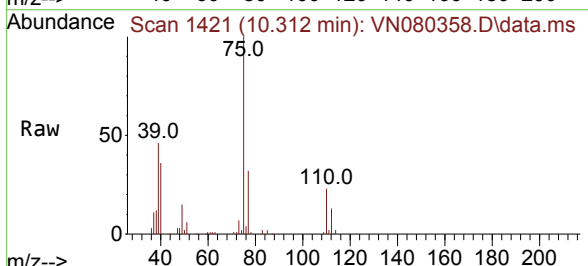
Instrument :
 MSVOA_N
 ClientSampleId :

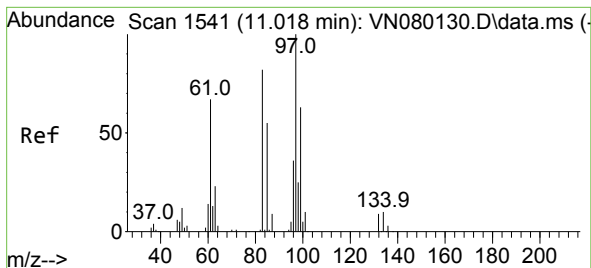
Tgt Ion: 75 Resp: 83754
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.088 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Tgt Ion: 75 Resp: 87310
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 45.8 31.6 47.4

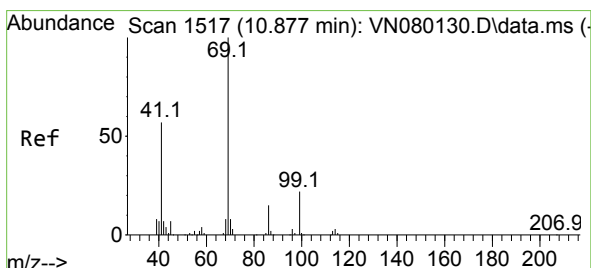
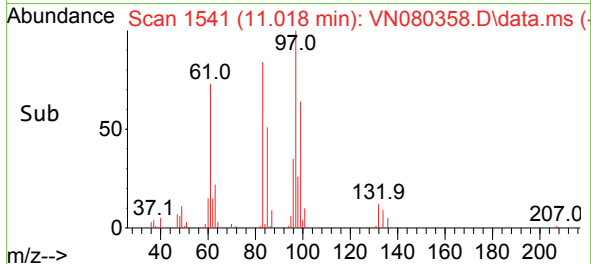
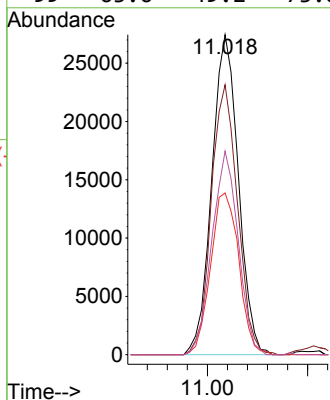
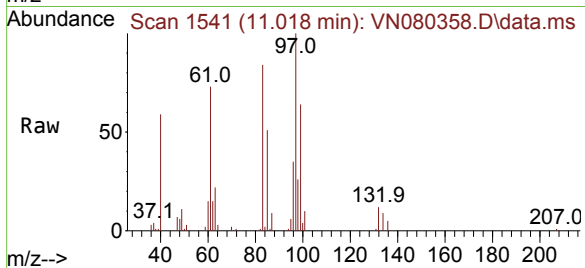




#55
1,1,2-Trichloroethane
Concen: 21.699 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

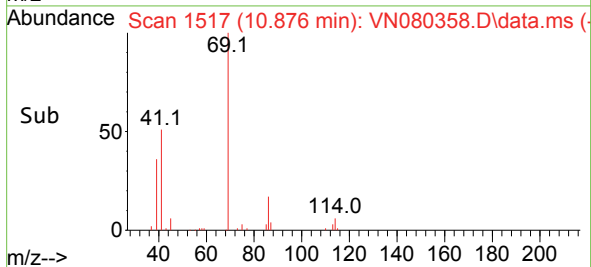
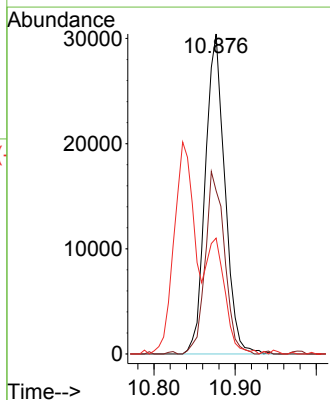
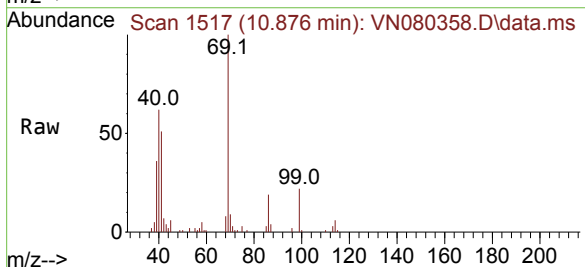
Instrument :
MSVOA_N
ClientSampleId :

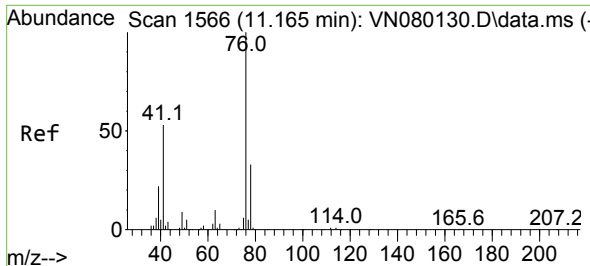
Tgt Ion:	97	Resp:	50438
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.1	97.7
85	50.5	43.4	65.2
99	63.6	49.2	73.8



#56
Ethyl methacrylate
Concen: 21.373 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:	69	Resp:	50753
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.6	59.4
39	34.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.116 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

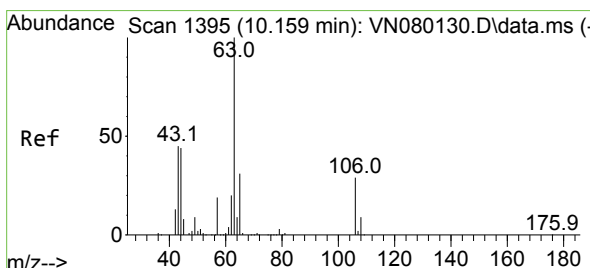
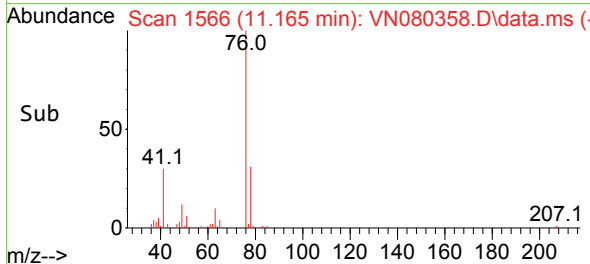
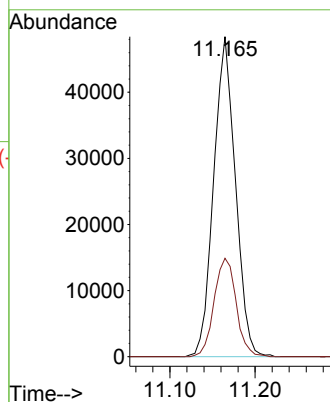
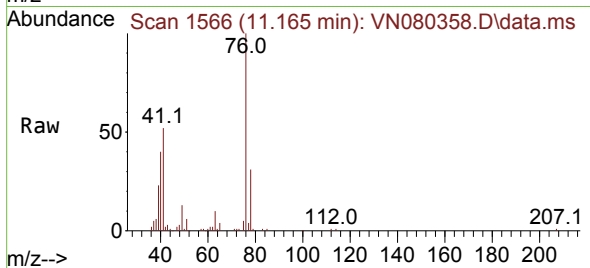
ClientSampleId :

Tgt Ion: 76 Resp: 85699

Ion Ratio Lower Upper

76 100

78 31.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.372 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080358.D

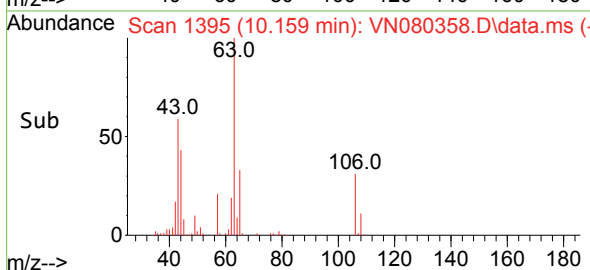
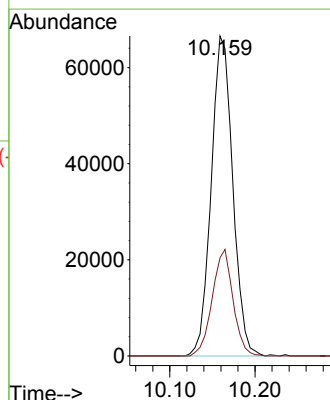
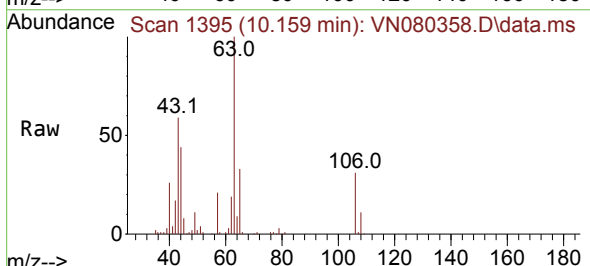
Acq: 05 Dec 2023 12:01

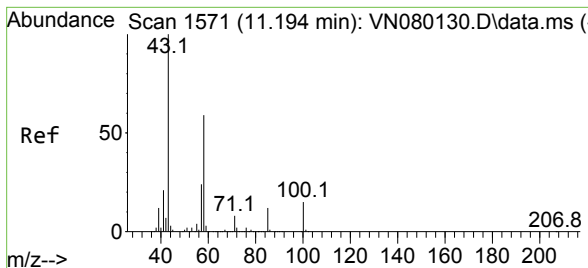
Tgt Ion: 63 Resp: 116887

Ion Ratio Lower Upper

63 100

106 32.1 26.2 39.4

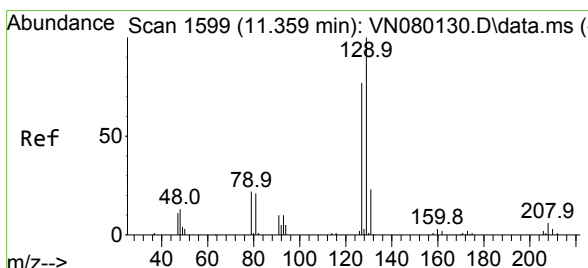
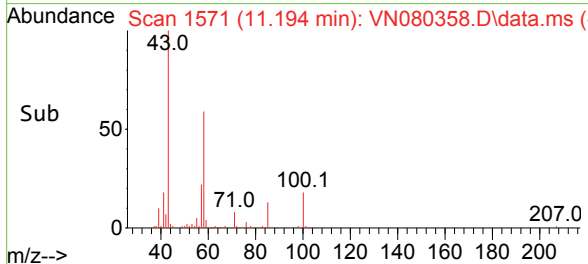
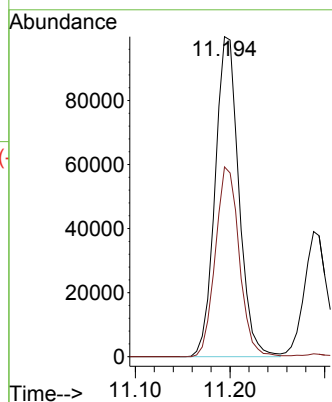
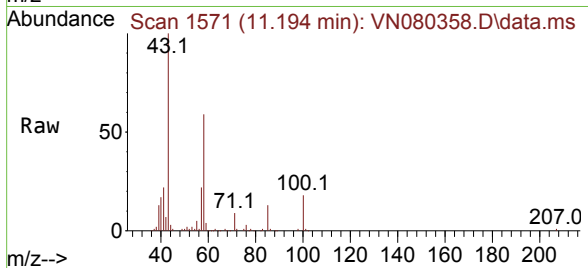




#59
2-Hexanone
Concen: 90.536 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

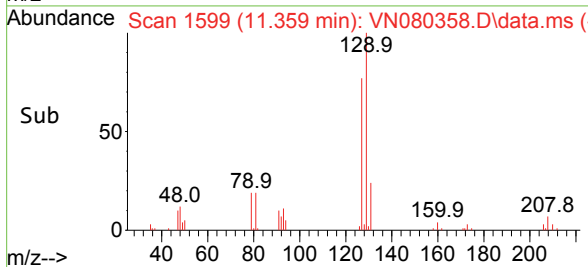
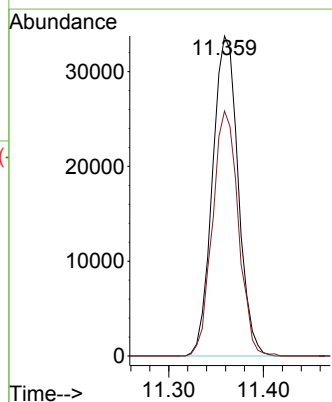
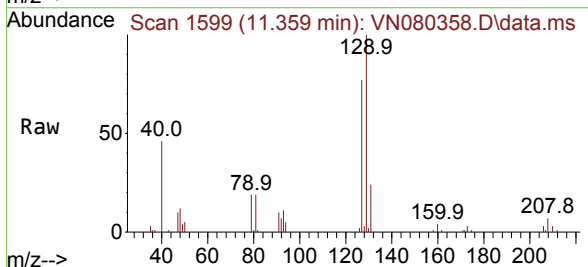
Instrument :
MSVOA_N
ClientSampleId :

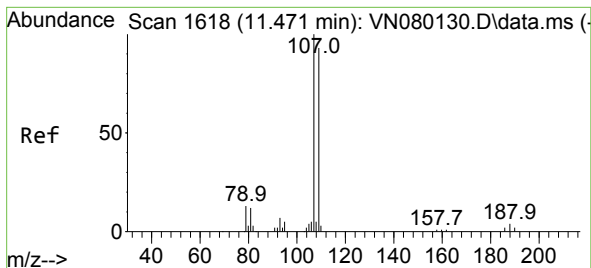
Tgt Ion: 43 Resp: 174081
Ion Ratio Lower Upper
43 100
58 59.6 31.7 95.1



#60
Dibromochloromethane
Concen: 22.856 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:129 Resp: 63607
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

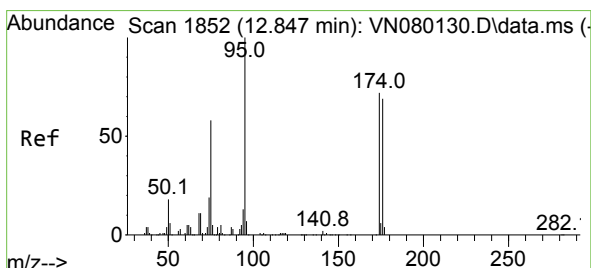
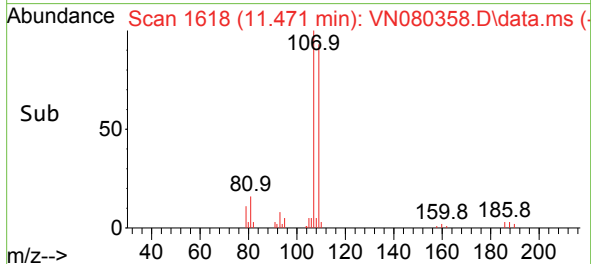
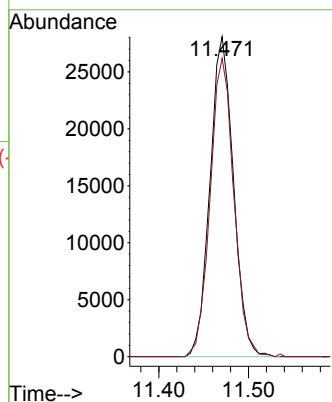
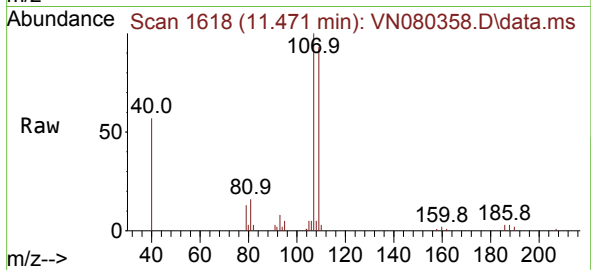




#61
1,2-Dibromoethane
Concen: 21.516 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

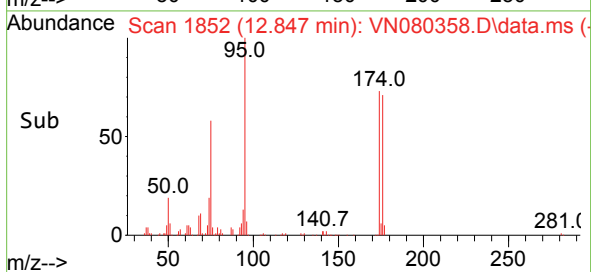
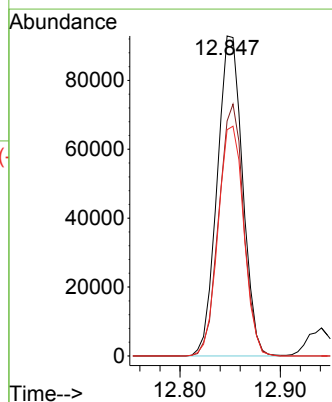
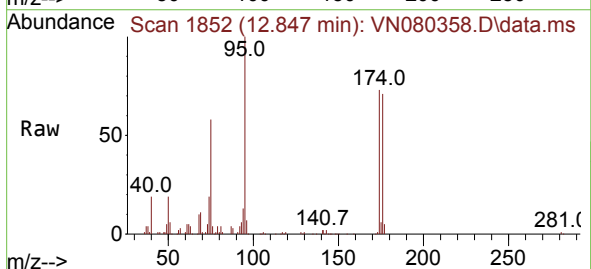
Instrument :
MSVOA_N
ClientSampleId :

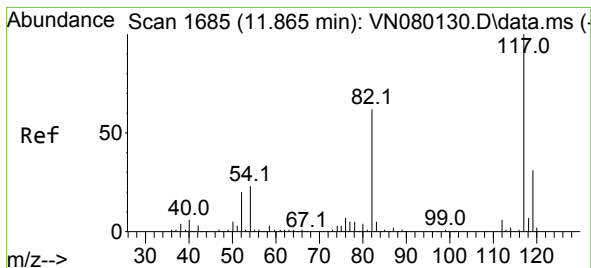
Tgt Ion:107 Resp: 51022
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 95 Resp: 163485
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

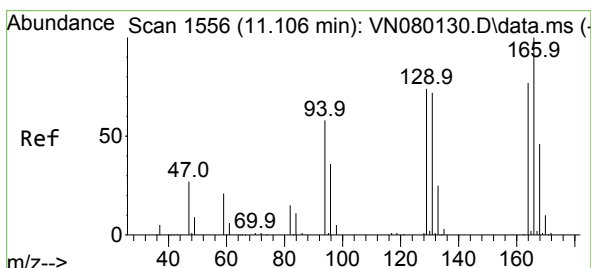
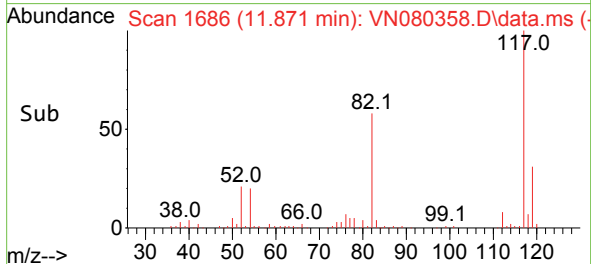
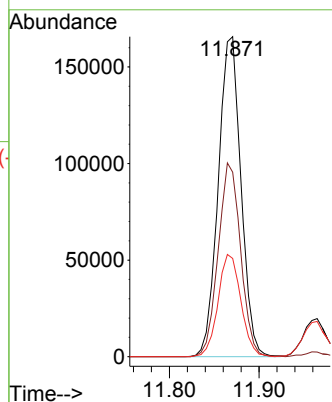
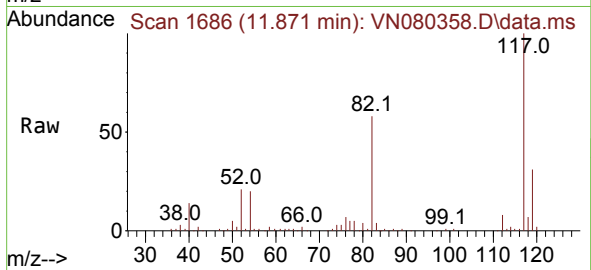
Tgt Ion:117 Resp: 291300

Ion Ratio Lower Upper

117 100

82 57.7 44.0 66.0

119 30.7 25.6 38.4



#64

Tetrachloroethene

Concen: 23.538 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Tgt Ion:164 Resp: 52327

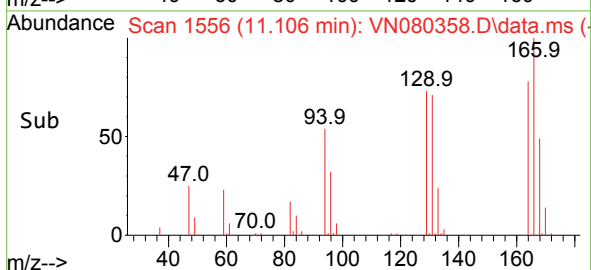
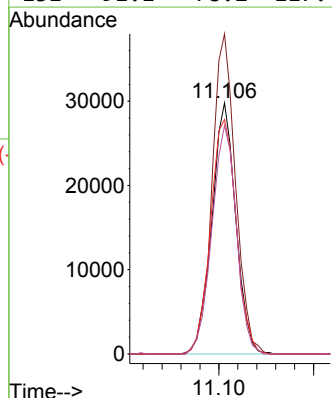
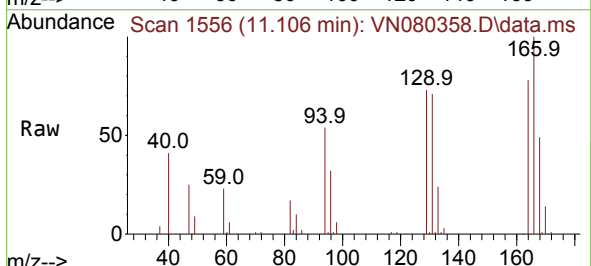
Ion Ratio Lower Upper

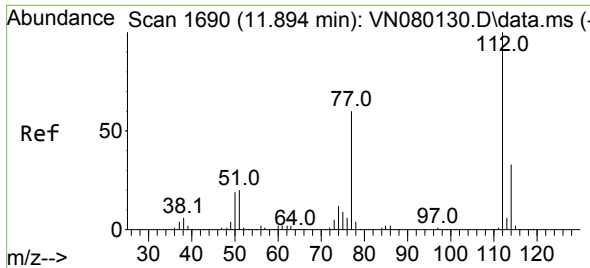
164 100

166 127.5 101.4 152.0

129 93.4 82.4 123.6

131 91.1 78.2 117.4

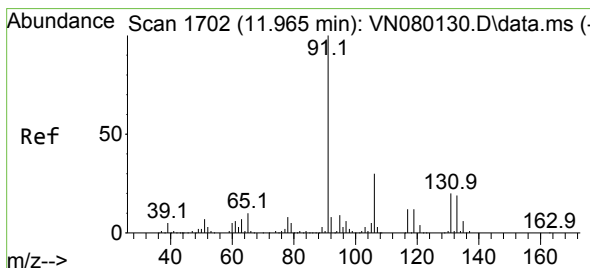
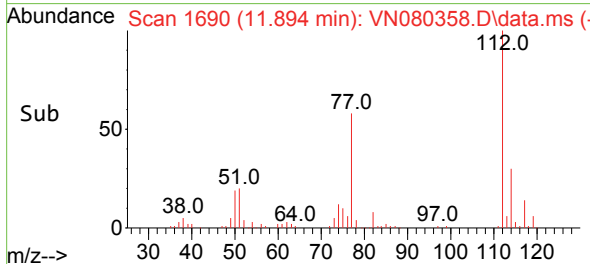
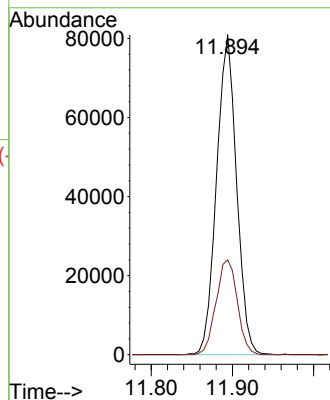
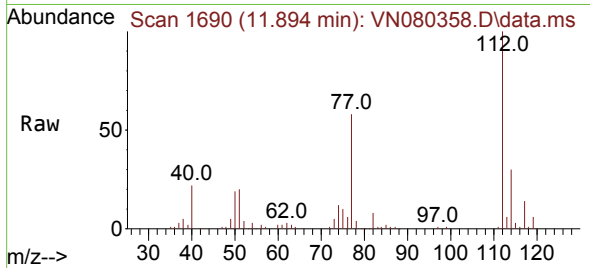




#65
Chlorobenzene
Concen: 20.988 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

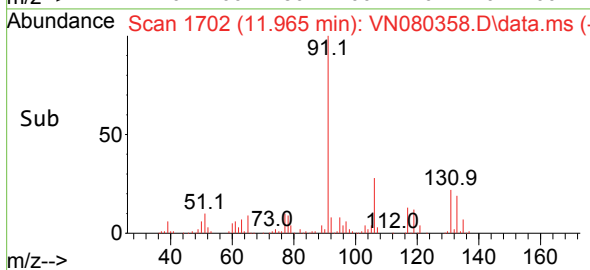
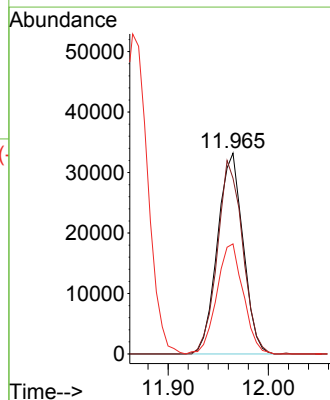
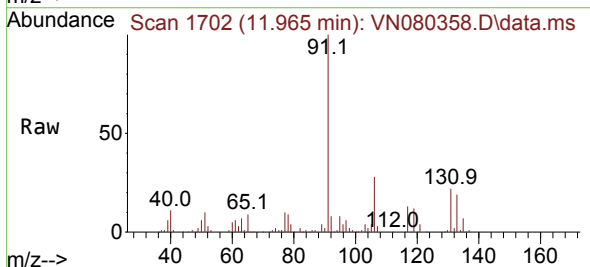
Instrument :
MSVOA_N
ClientSampleId :

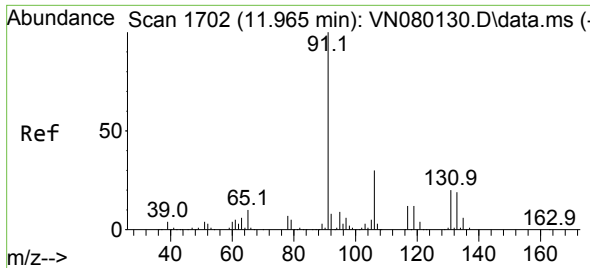
Tgt Ion:112 Resp: 138533
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.020 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:131 Resp: 58965
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 56.5 34.1 102.2

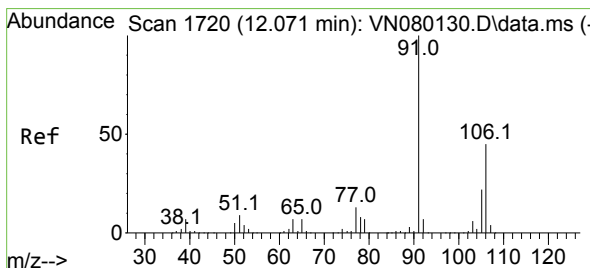
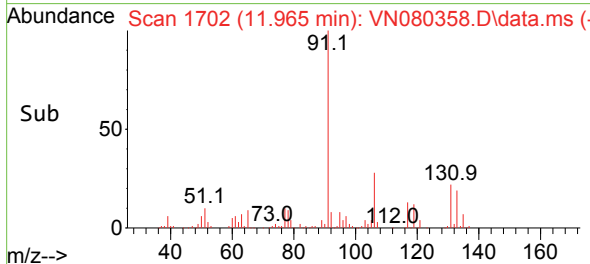
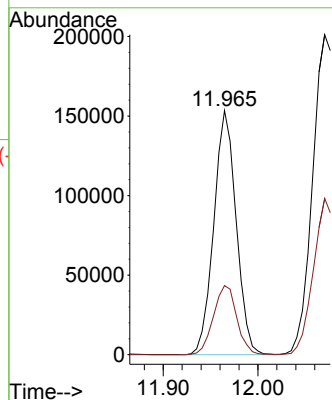
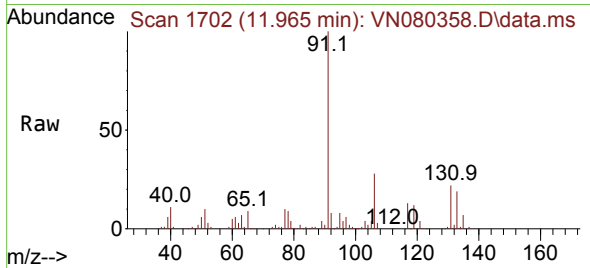




#67
Ethyl Benzene
Concen: 21.423 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

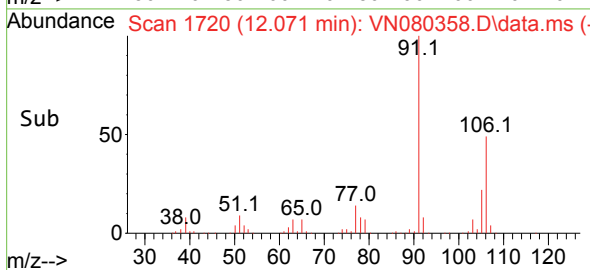
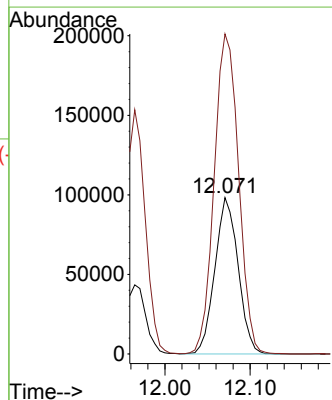
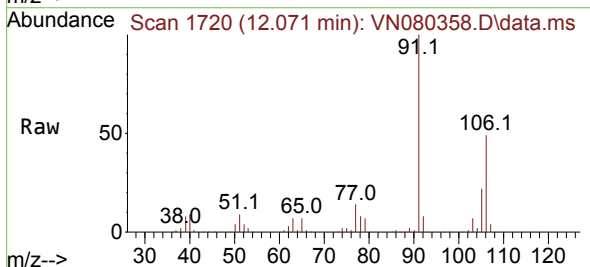
Instrument :
MSVOA_N
ClientSampleId :

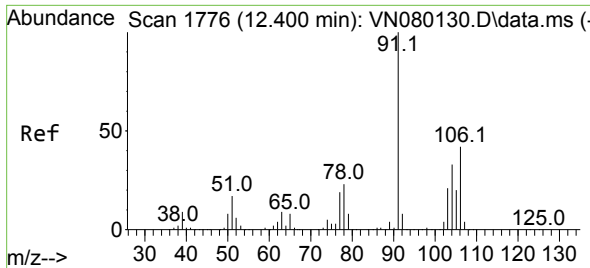
Tgt Ion: 91 Resp: 251620
Ion Ratio Lower Upper
91 100
106 28.3 25.6 38.4



#68
m/p-Xylenes
Concen: 43.523 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:106 Resp: 186385
Ion Ratio Lower Upper
106 100
91 215.0 159.6 239.4

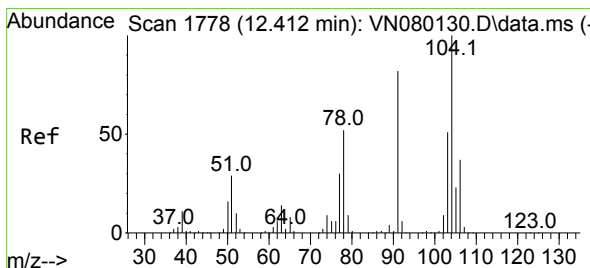
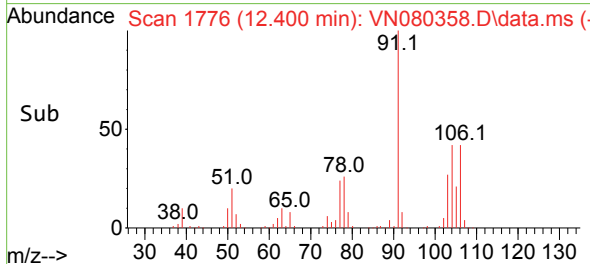
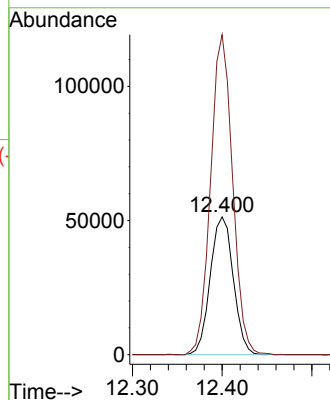
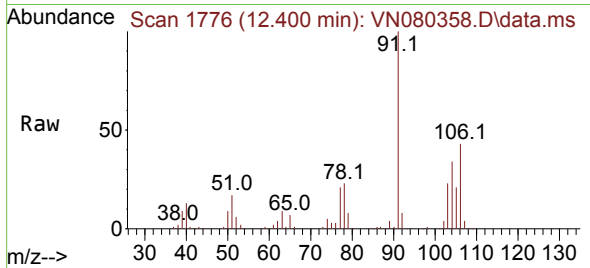




#69
o-Xylene
Concen: 22.692 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

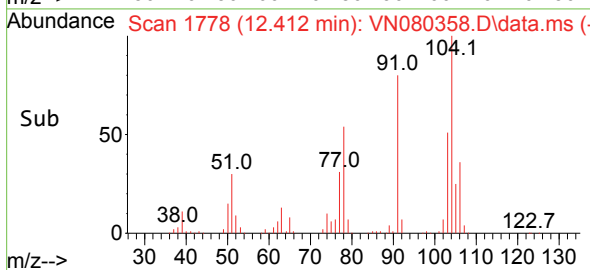
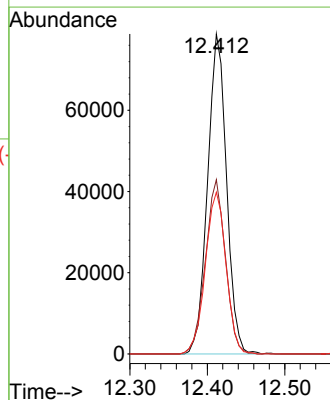
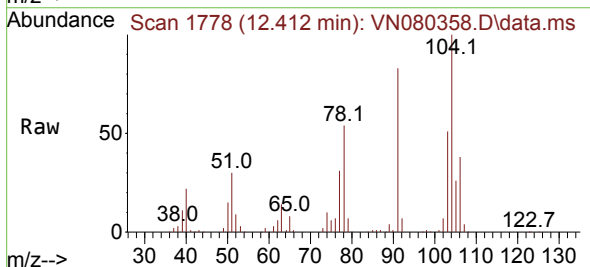
Instrument :
MSVOA_N
ClientSampleId :

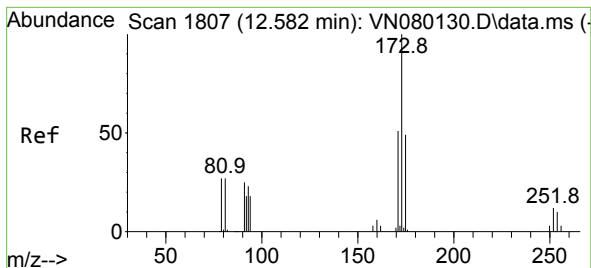
Tgt Ion:106 Resp: 91583
Ion Ratio Lower Upper
106 100
91 221.6 105.2 315.5



#70
Styrene
Concen: 22.323 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

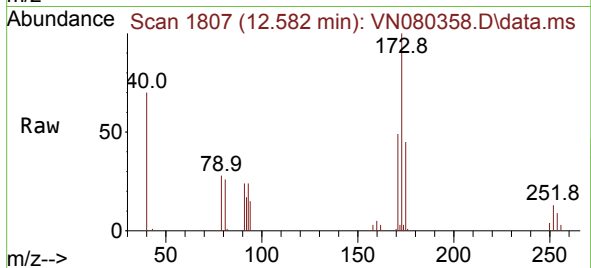
Tgt Ion:104 Resp: 134092
Ion Ratio Lower Upper
104 100
78 57.7 39.5 59.3
103 55.2 43.2 64.8



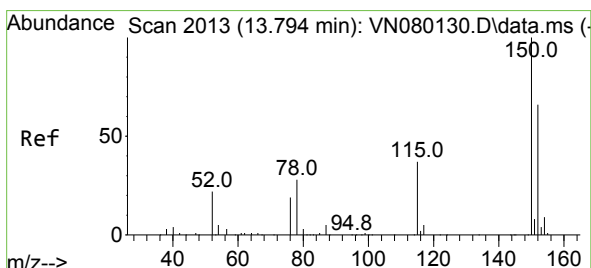
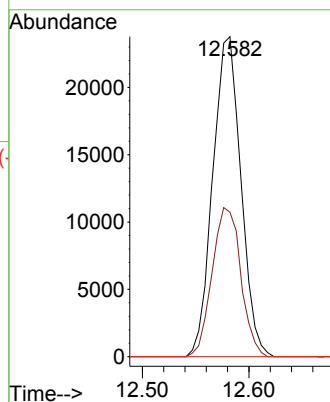
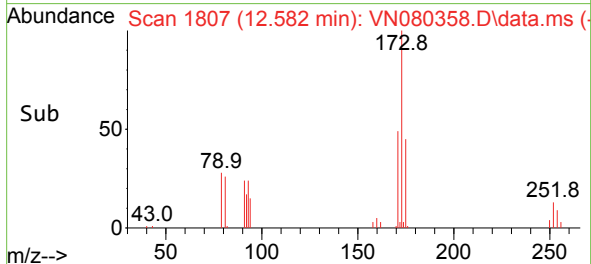


#71
Bromoform
Concen: 22.916 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :

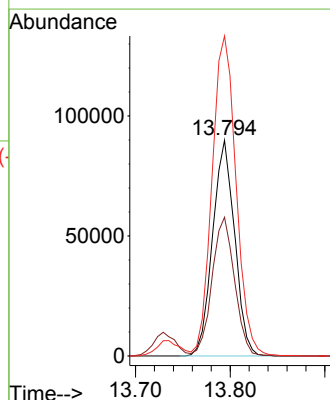
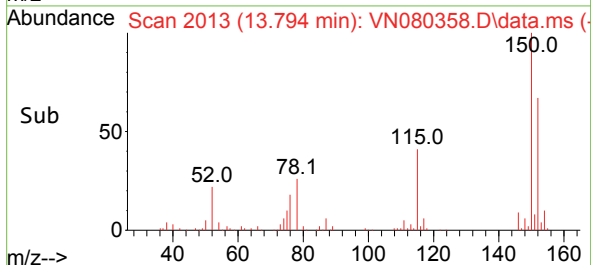
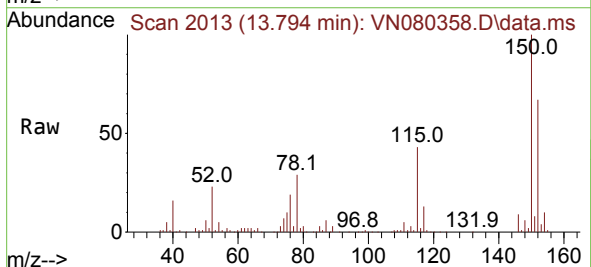


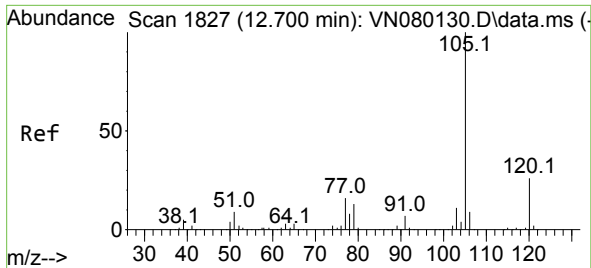
Tgt Ion:173 Resp: 43530
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:152 Resp: 145661
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 161.2 0.0 355.8

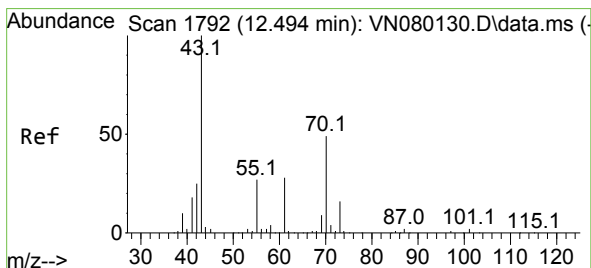
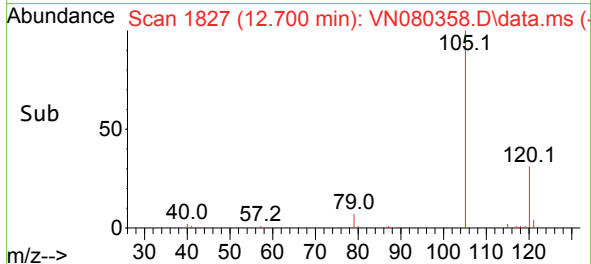
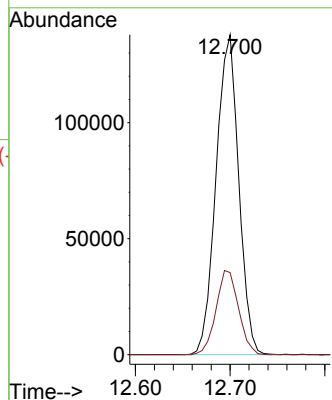
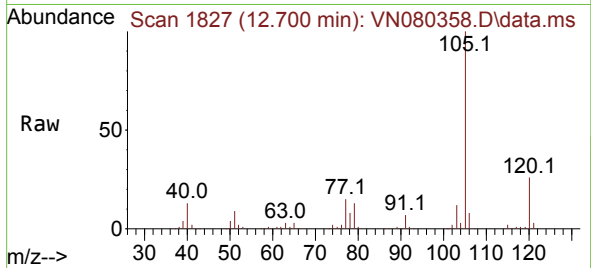




#73
Isopropylbenzene
Concen: 20.262 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

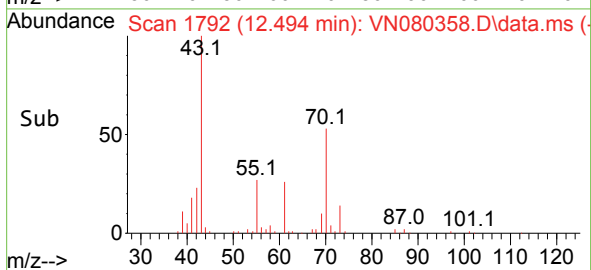
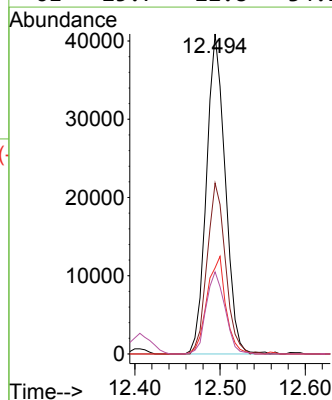
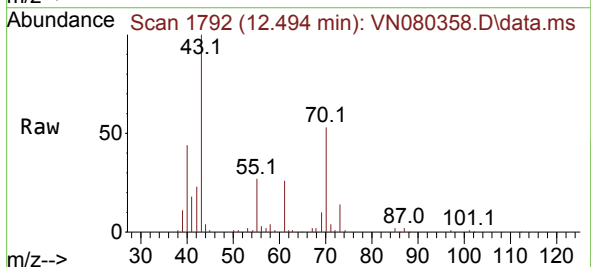
Instrument :
MSVOA_N
ClientSampleId :

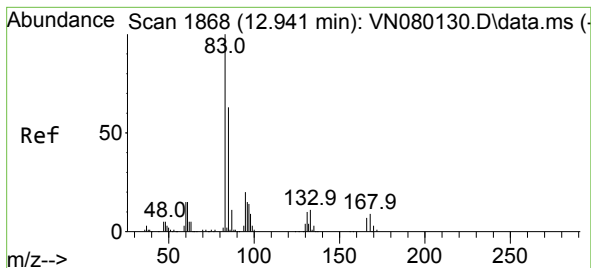
Tgt Ion:105 Resp: 229348
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 17.830 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 43 Resp: 62937
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 30.4 21.4 32.0
61 25.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.096 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

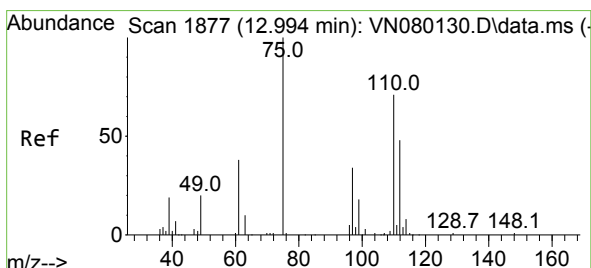
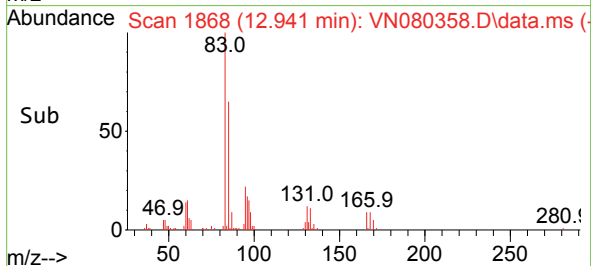
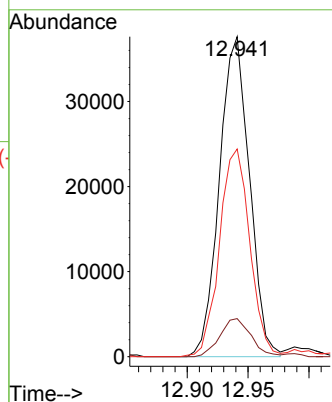
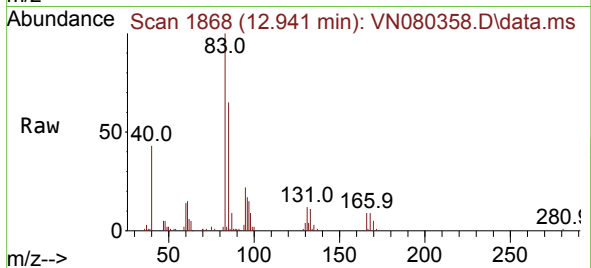
Tgt Ion: 83 Resp: 64691

Ion Ratio Lower Upper

83 100

131 12.3 5.0 15.0

85 65.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.682 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080358.D

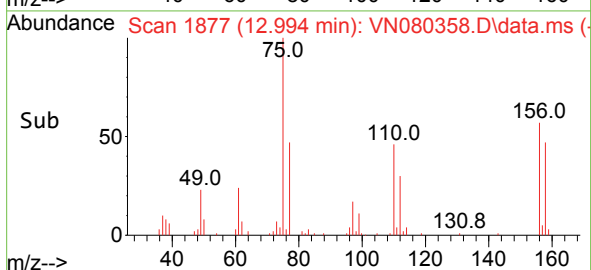
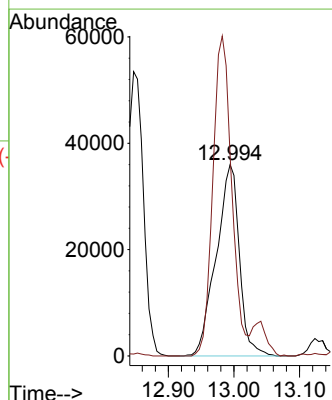
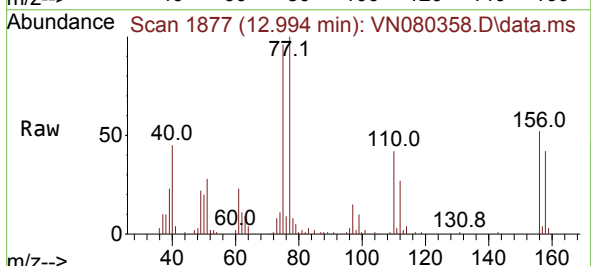
Acq: 05 Dec 2023 12:01

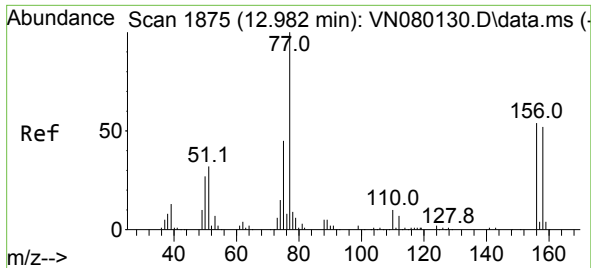
Tgt Ion: 75 Resp: 88088

Ion Ratio Lower Upper

75 100

77 136.6 84.5 253.5

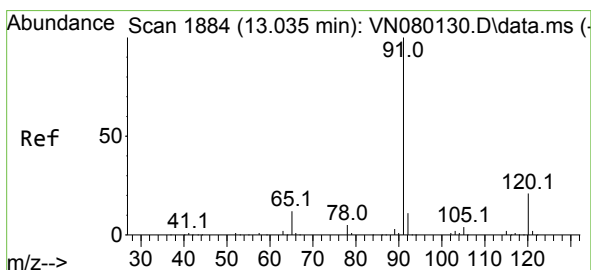
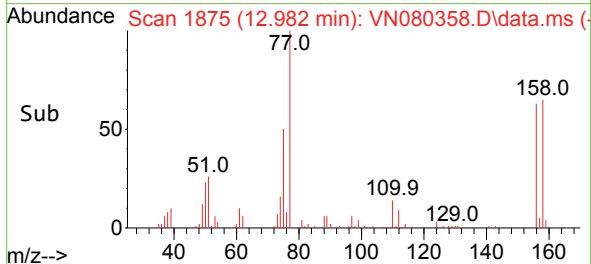
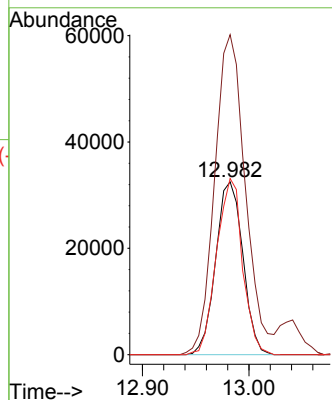
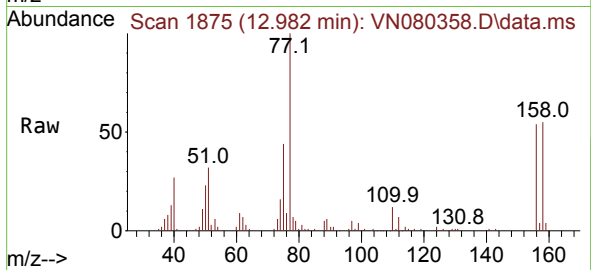




#77
Bromobenzene
Concen: 20.151 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

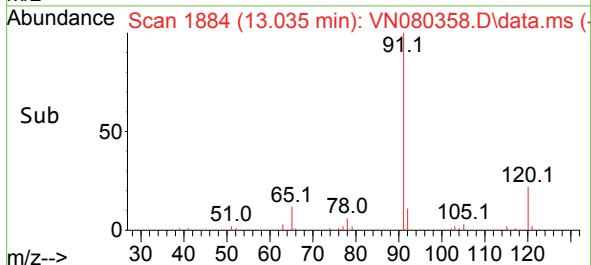
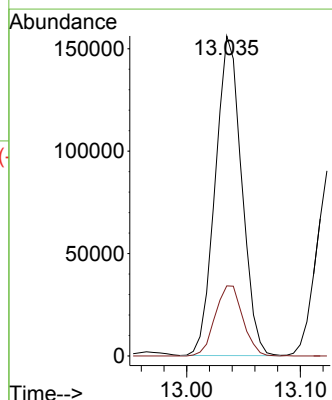
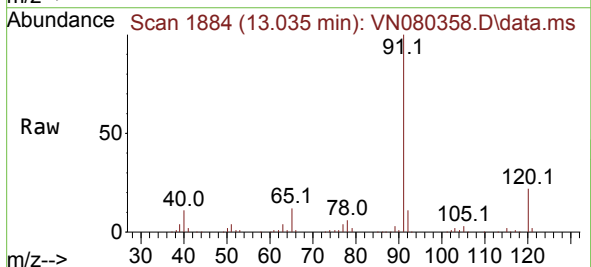
Instrument :
MSVOA_N
ClientSampleId :

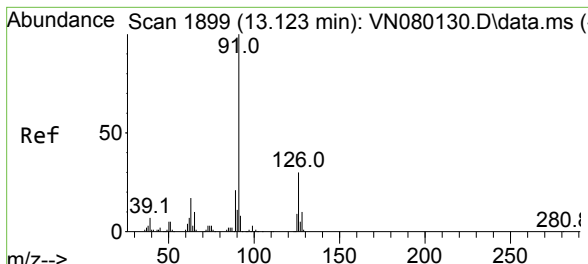
Tgt Ion:156 Resp: 57506
Ion Ratio Lower Upper
156 100
77 209.3 107.7 323.3
158 97.5 48.4 145.3



#78
n-propylbenzene
Concen: 19.883 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 91 Resp: 251668
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

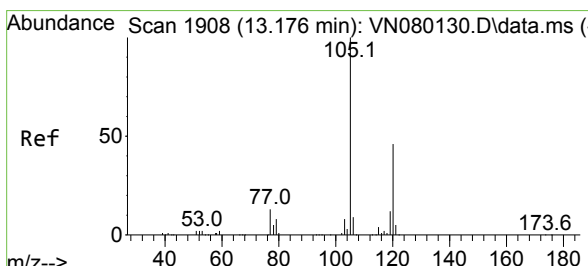
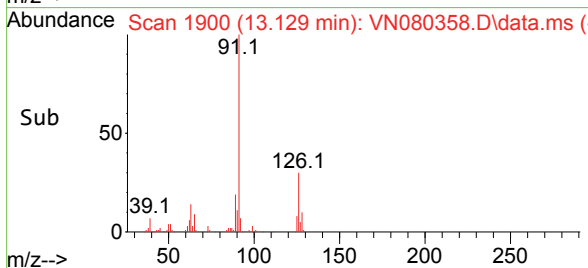
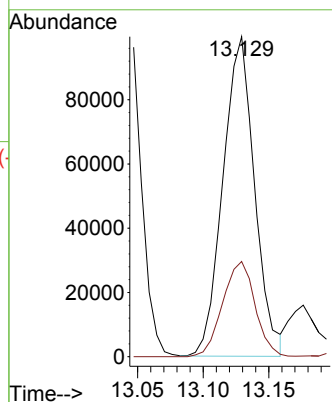
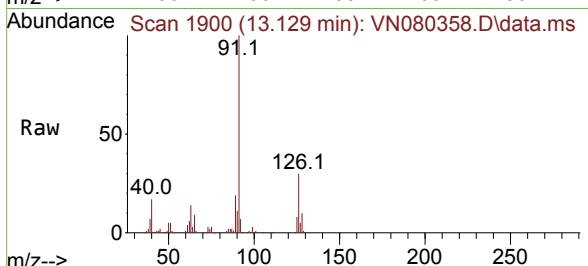




#79
 2-Chlorotoluene
 Concen: 20.300 ug/l
 RT: 13.129 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

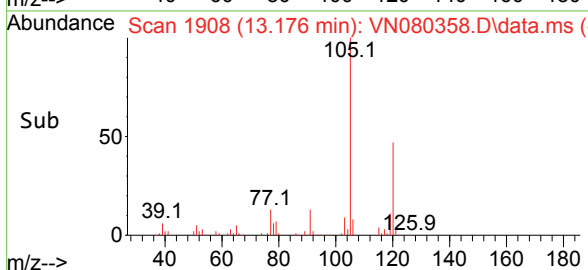
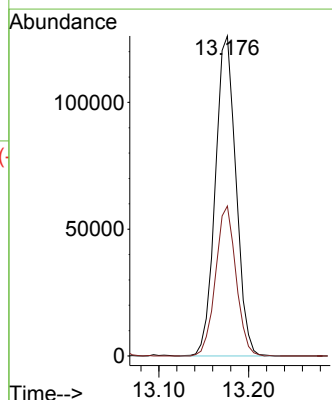
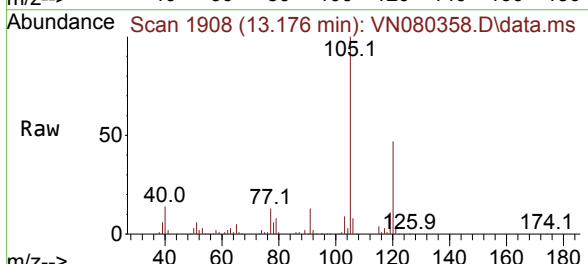
Instrument :
 MSVOA_N
 ClientSampleId :

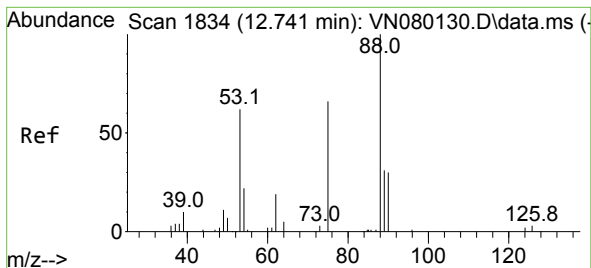
Tgt Ion: 91 Resp: 166883
 Ion Ratio Lower Upper
 91 100
 126 30.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.463 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Tgt Ion: 105 Resp: 201621
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.3

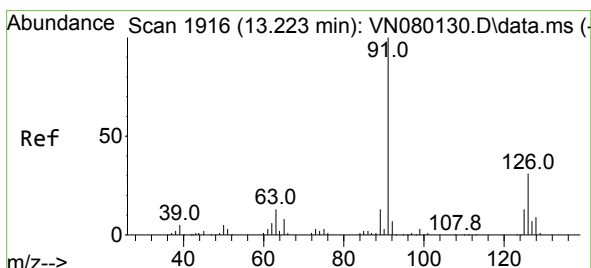
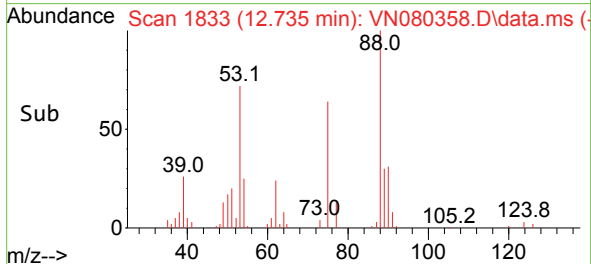
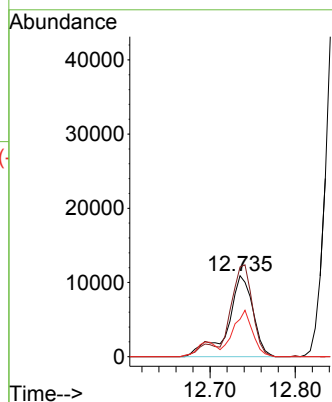
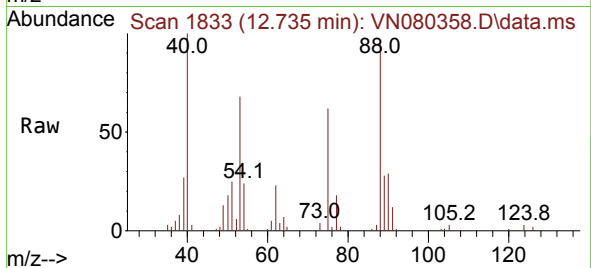




#81
trans-1,4-Dichloro-2-butene
Concen: 21.240 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

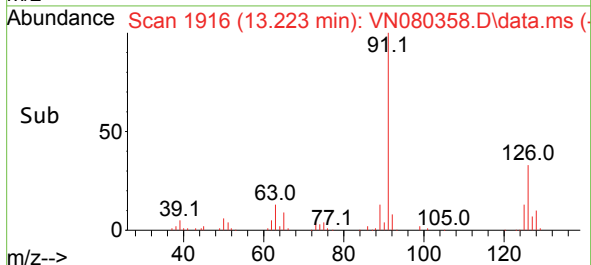
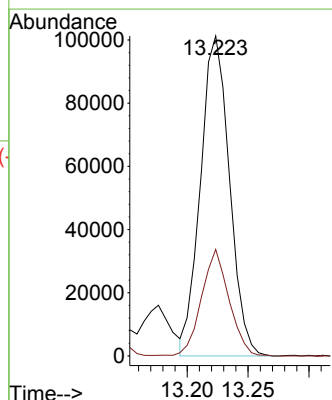
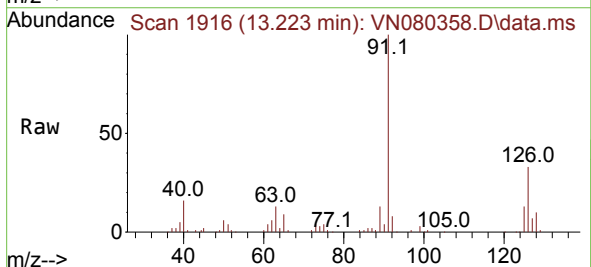
Instrument :
MSVOA_N
ClientSampleId :

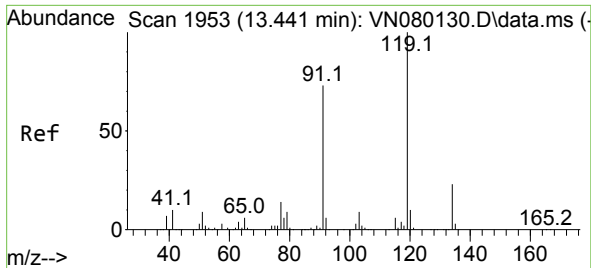
Tgt Ion: 75 Resp: 22437
Ion Ratio Lower Upper
75 100
53 92.7 67.4 101.2
89 44.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.941 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion: 91 Resp: 167935
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0

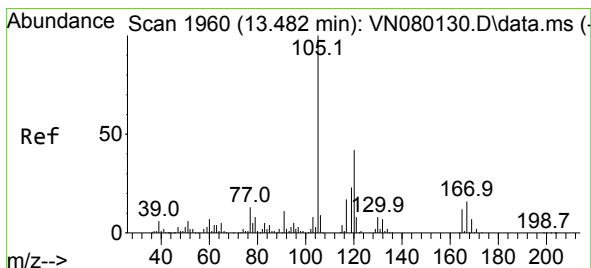
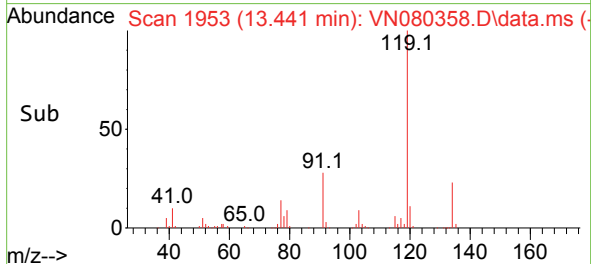
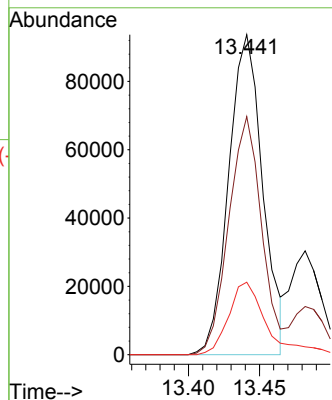
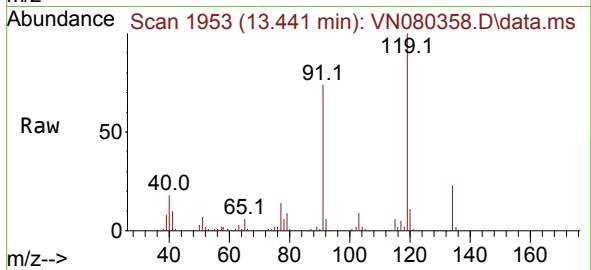




#83
tert-Butylbenzene
Concen: 19.797 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

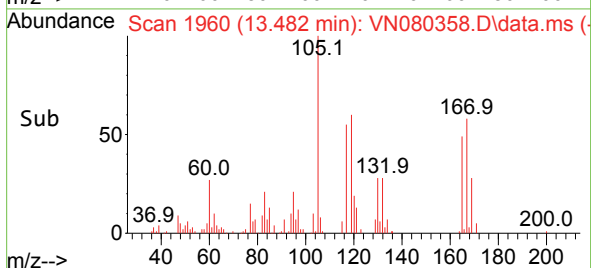
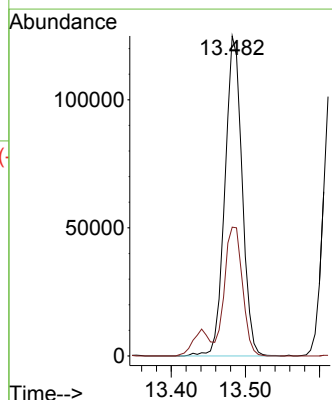
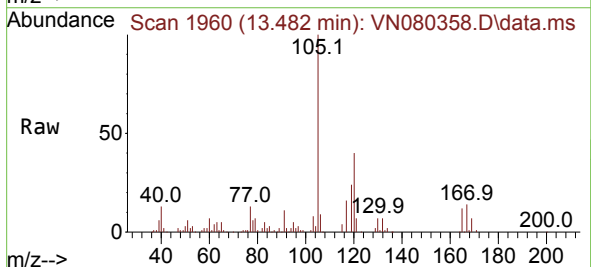
Instrument :
MSVOA_N
ClientSampleId :

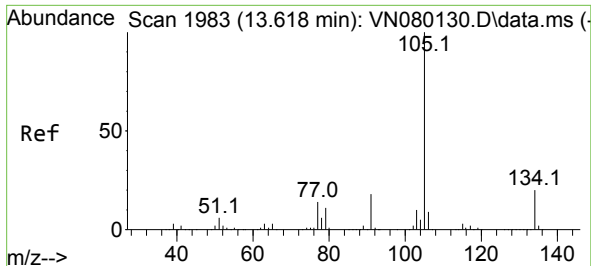
Tgt Ion:119 Resp: 156422
Ion Ratio Lower Upper
119 100
91 71.7 33.9 101.7
134 25.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.729 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080358.D
Acq: 05 Dec 2023 12:01

Tgt Ion:105 Resp: 201115
Ion Ratio Lower Upper
105 100
120 41.8 22.0 66.0

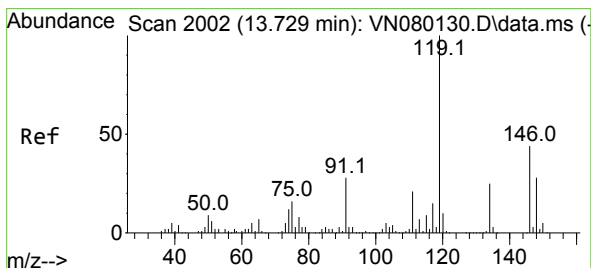
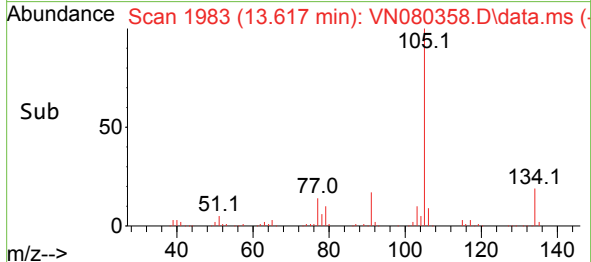
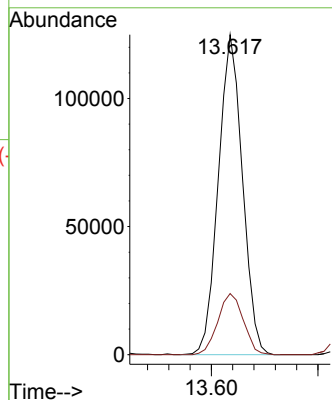
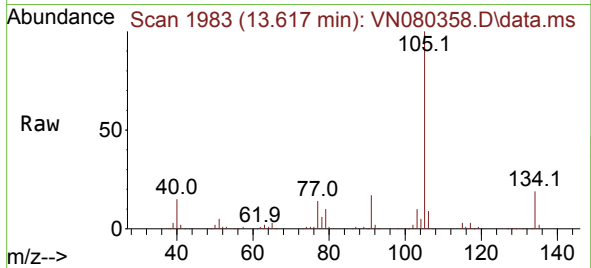




#85
 sec-Butylbenzene
 Concen: 19.577 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

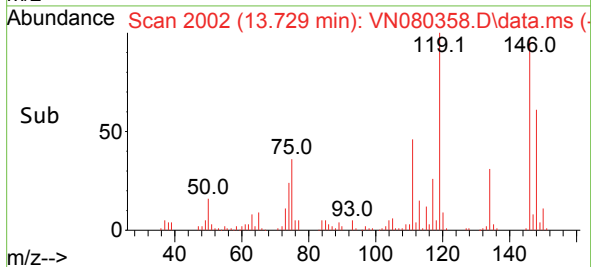
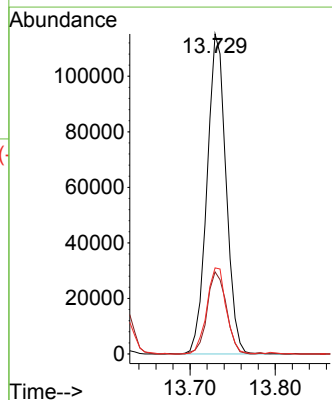
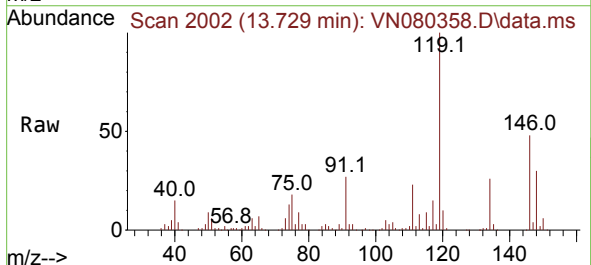
Instrument :
 MSVOA_N
 ClientSampleId :

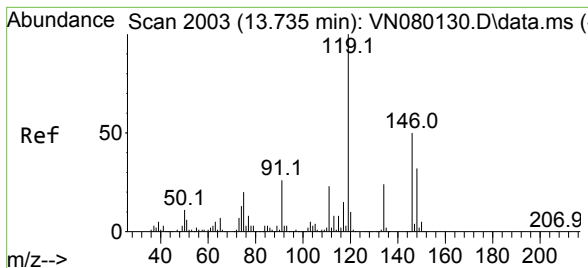
Tgt Ion:105 Resp: 195682
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.979 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

Tgt Ion:119 Resp: 178398
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 27.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.904 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

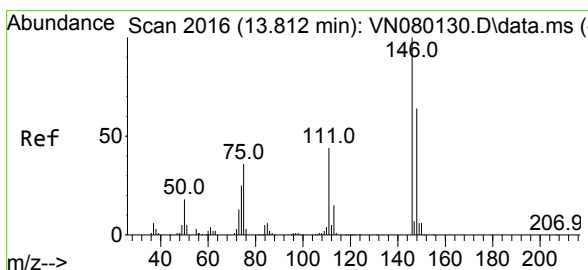
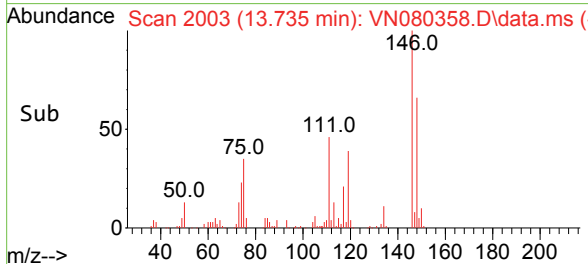
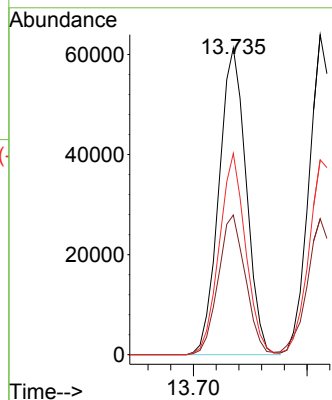
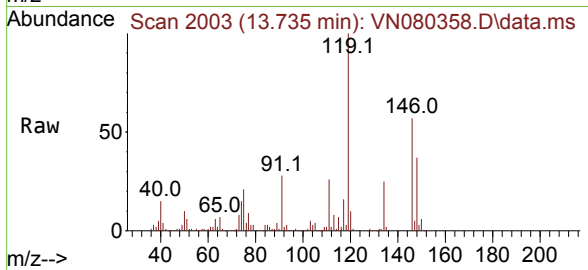
Tgt Ion:146 Resp: 102336

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.3

148 63.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.914 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

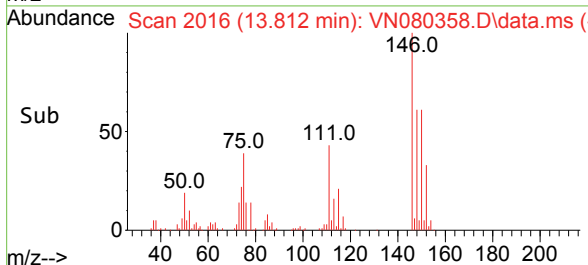
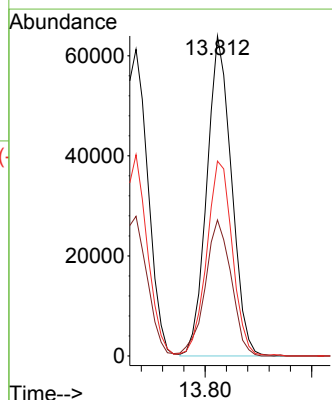
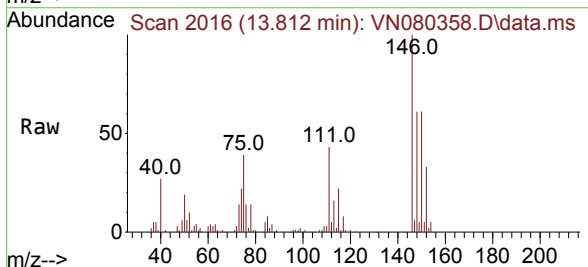
Tgt Ion:146 Resp: 102897

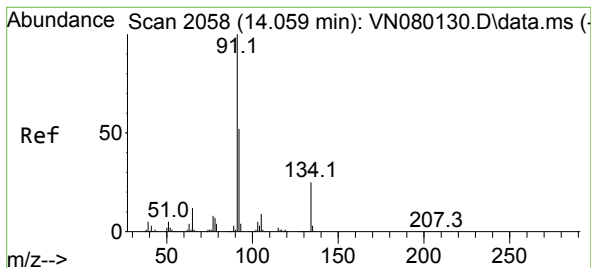
Ion Ratio Lower Upper

146 100

111 44.9 20.6 61.8

148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 18.762 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

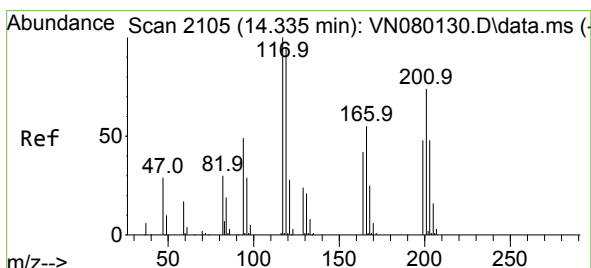
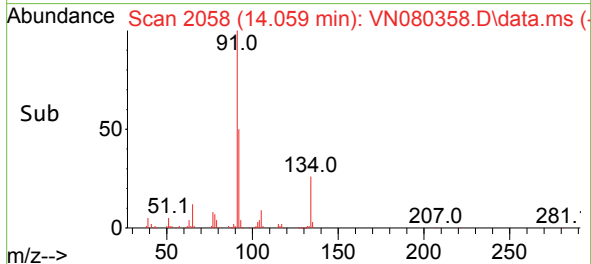
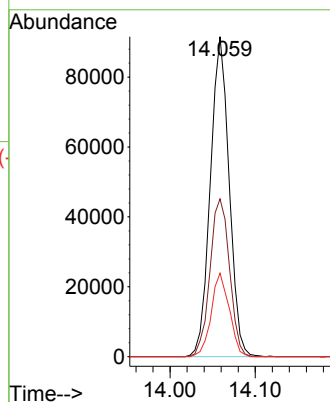
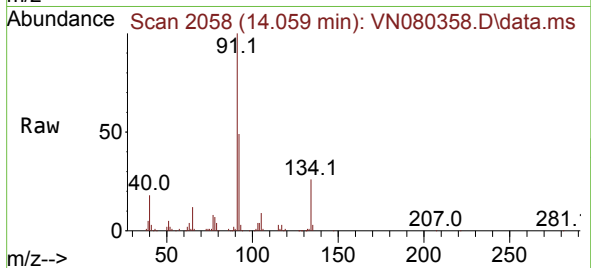
Tgt Ion: 91 Resp: 140222

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 19.375 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080358.D

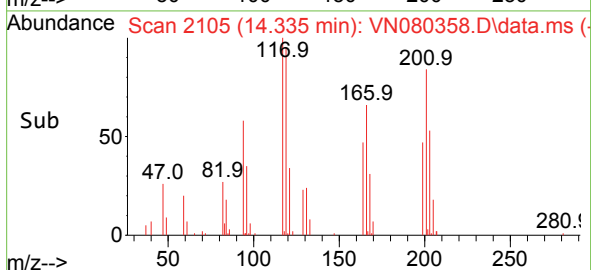
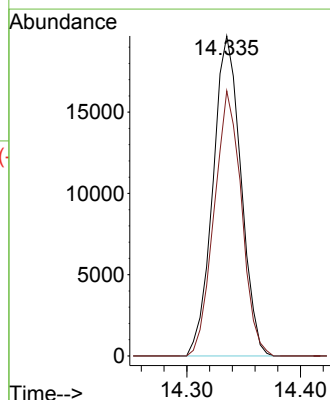
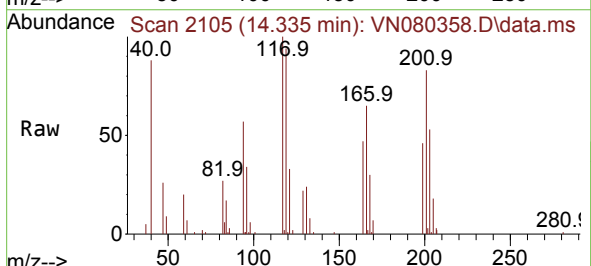
Acq: 05 Dec 2023 12:01

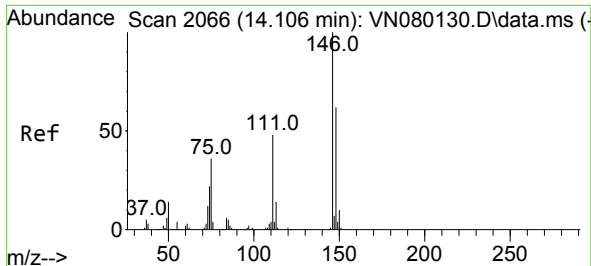
Tgt Ion: 117 Resp: 33727

Ion Ratio Lower Upper

117 100

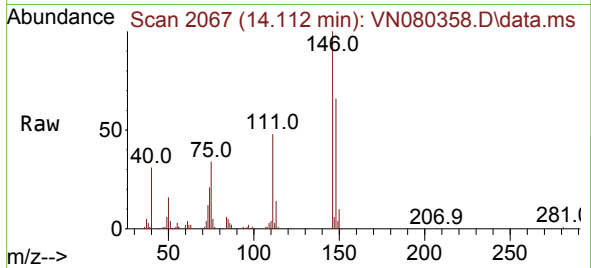
201 80.8 29.3 88.0



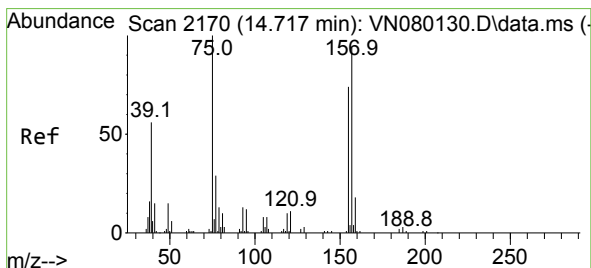
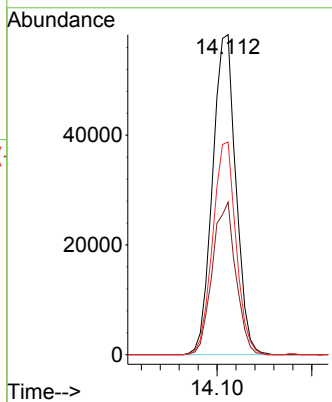
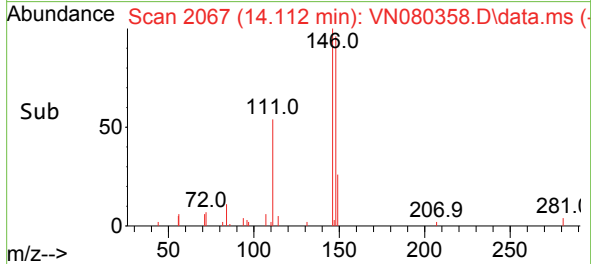


#91
 1,2-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01

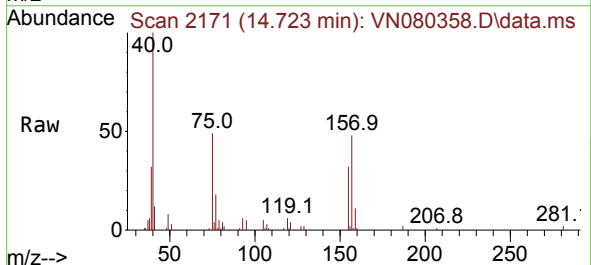
Instrument :
 MSVOA_N
 ClientSampleId :



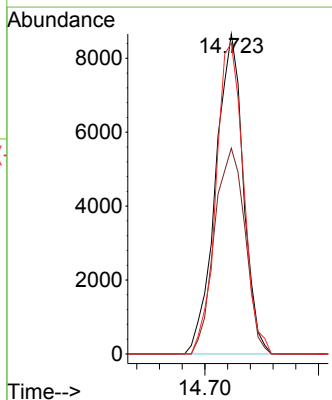
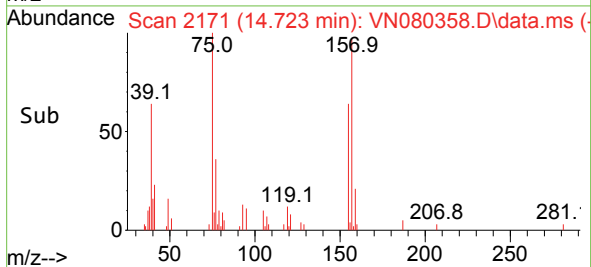
Tgt Ion:146 Resp: 99788
 Ion Ratio Lower Upper
 146 100
 111 48.0 22.0 66.0
 148 66.3 31.8 95.3

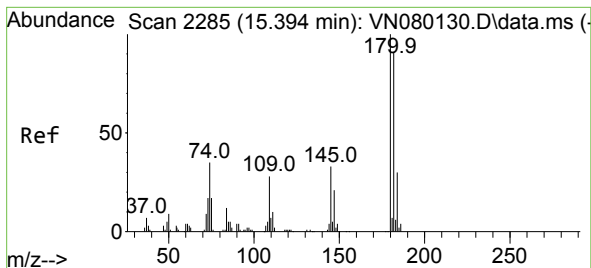


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.641 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN080358.D
 Acq: 05 Dec 2023 12:01



Tgt Ion: 75 Resp: 14668
 Ion Ratio Lower Upper
 75 100
 155 70.8 39.1 117.2
 157 96.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.900 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

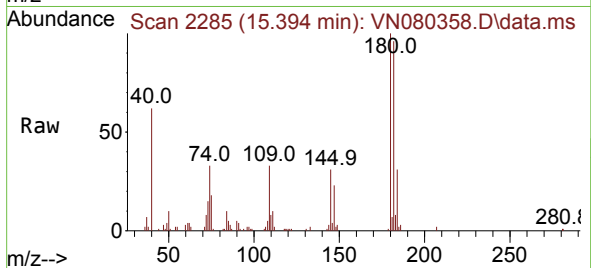
Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :



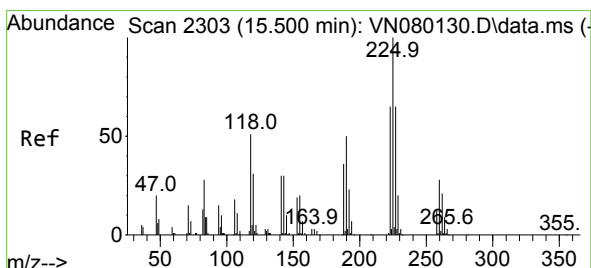
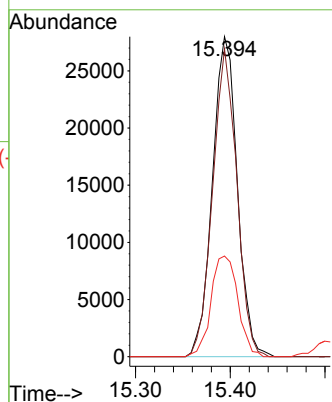
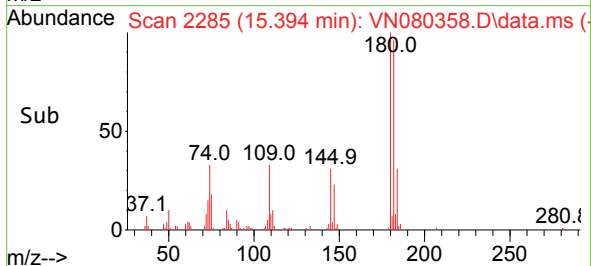
Tgt Ion:180 Resp: 51222

Ion Ratio Lower Upper

180 100

182 93.1 46.1 138.2

145 33.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.742 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

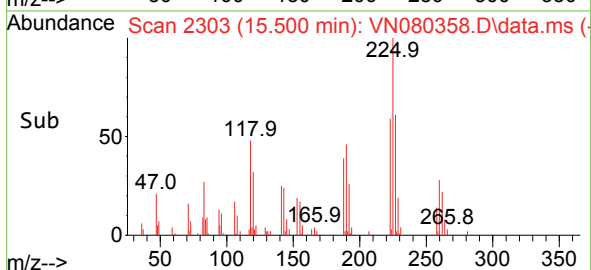
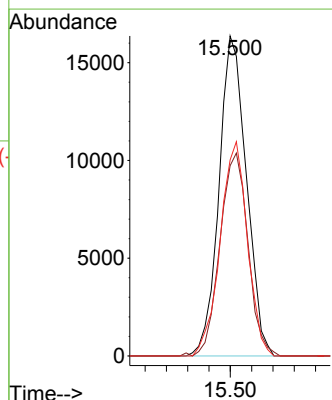
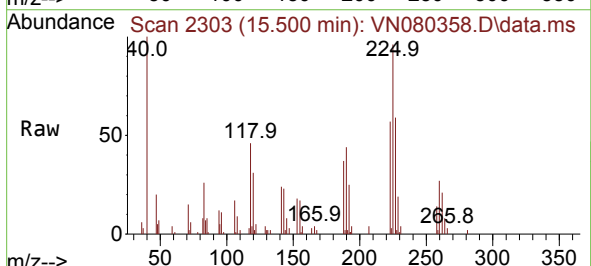
Tgt Ion:225 Resp: 29216

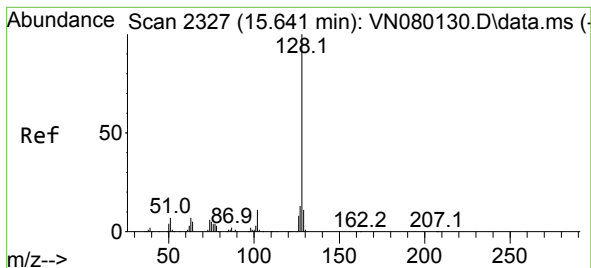
Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.8

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 16.259 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

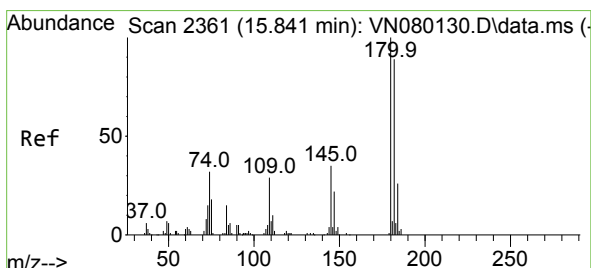
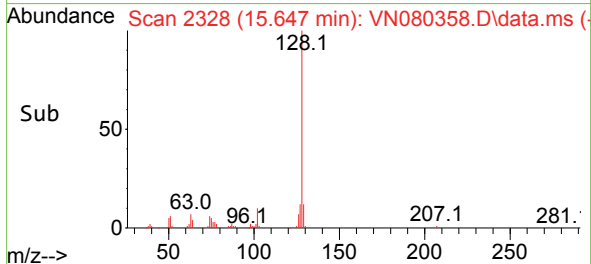
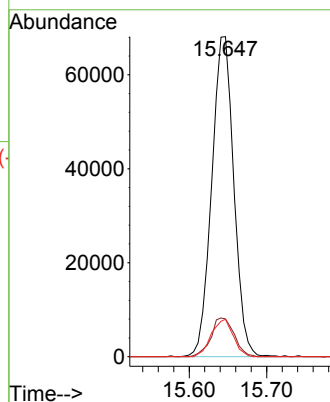
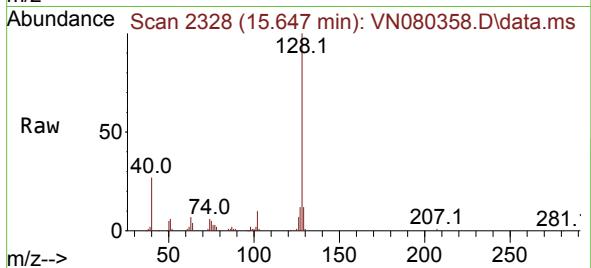
Tgt Ion:128 Resp: 134921

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.938 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080358.D

Acq: 05 Dec 2023 12:01

Tgt Ion:180 Resp: 48114

Ion Ratio Lower Upper

180 100

182 92.7 46.2 138.6

145 36.4 17.5 52.6

