

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080552.D
 Acq On : 20 Dec 2023 17:18
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:45:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183629	54.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.500%	
35) Dibromofluoromethane	8.165	113	146069	56.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.720%	
50) Toluene-d8	10.571	98	525664	54.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.847	95	192968	53.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62739	18.694	ug/l	97
3) Chloromethane	2.365	50	53968	15.086	ug/l	92
4) Vinyl Chloride	2.518	62	47253	16.487	ug/l	96
5) Bromomethane	2.959	94	23355	18.074	ug/l	97
6) Chloroethane	3.124	64	30888	16.772	ug/l	99
7) Trichlorofluoromethane	3.495	101	105489	18.147	ug/l	94
8) Diethyl Ether	3.959	74	32878	17.956	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	51994	18.871	ug/l	97
10) Methyl Iodide	4.583	142	35035	14.456	ug/l	96
11) Tert butyl alcohol	5.518	59	39726	100.564	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48983	17.350	ug/l	89
13) Acrolein	4.177	56	50136	115.890	ug/l	98
14) Allyl chloride	5.018	41	60759	17.395	ug/l	97
15) Acrylonitrile	5.712	53	118479	106.146	ug/l	96
16) Acetone	4.418	43	86208	144.951	ug/l	97
17) Carbon Disulfide	4.712	76	127937	15.990	ug/l	97
18) Methyl Acetate	5.018	43	90902	23.754	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	187524	19.909	ug/l	99
20) Methylene Chloride	5.277	84	59189	18.596	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	55669	18.185	ug/l	89
22) Diisopropyl ether	6.671	45	149864	19.879	ug/l	97
23) Vinyl Acetate	6.606	43	402938	93.060	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	100584	19.123	ug/l	98
25) 2-Butanone	7.482	43	136780	119.384	ug/l	92
26) 2,2-Dichloropropane	7.488	77	96961	18.028	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	65193	18.814	ug/l	89
28) Bromochloromethane	7.812	49	43194	21.388	ug/l	100
29) Tetrahydrofuran	7.841	42	87469	106.614	ug/l	92
30) Chloroform	7.965	83	120145	20.578	ug/l	89
31) Cyclohexane	8.259	56	76366	16.742	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	111333	19.476	ug/l	95
36) 1,1-Dichloropropene	8.371	75	81267	19.347	ug/l	95
37) Ethyl Acetate	7.559	43	57320	21.791	ug/l	99
38) Carbon Tetrachloride	8.365	117	98812	19.687	ug/l	98
39) Methylcyclohexane	9.600	83	73480	16.839	ug/l	93
40) Benzene	8.606	78	228471	18.836	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33060	21.801	ug/l	92
42) 1,2-Dichloroethane	8.671	62	91842	20.447	ug/l	97
43) Isopropyl Acetate	8.688	43	95599	20.213	ug/l	99
44) Trichloroethene	9.353	130	62011	18.964	ug/l	100
45) 1,2-Dichloropropane	9.624	63	56366	19.785	ug/l	91
46) Dibromomethane	9.712	93	41908	20.484	ug/l	89
47) Bromodichloromethane	9.888	83	90244	20.581	ug/l	99
48) Methyl methacrylate	9.682	41	58246	20.637	ug/l	89
49) 1,4-Dioxane	9.700	88	17177	401.524	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	294851	113.197	ug/l	99
52) Toluene	10.629	92	151902	19.823	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92745	19.550	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	101163	19.950	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60862	22.074	ug/l	97
56) Ethyl methacrylate	10.876	69	62360	20.428	ug/l	92
57) 1,3-Dichloropropane	11.165	76	102038	21.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	205179	106.469	ug/l	96
59) 2-Hexanone	11.194	43	215267	111.946	ug/l	97
60) Dibromochloromethane	11.359	129	69099	21.149	ug/l	98
61) 1,2-Dibromoethane	11.470	107	57941	20.304	ug/l	100
64) Tetrachloroethene	11.106	164	52450	18.144	ug/l	96
65) Chlorobenzene	11.894	112	158103	18.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	62257	19.050	ug/l	94
67) Ethyl Benzene	11.965	91	277012	18.088	ug/l	98
68) m/p-Xylenes	12.070	106	210274	37.158	ug/l	91
69) o-Xylene	12.400	106	100738	18.200	ug/l	91
70) Styrene	12.412	104	144983	18.184	ug/l	91
71) Bromoform	12.576	173	43825	18.389	ug/l #	97
73) Isopropylbenzene	12.694	105	262852	18.401	ug/l	98
74) N-amyl acetate	12.494	43	77965	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	76902	20.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104477	29.452	ug/l	72
77) Bromobenzene	12.982	156	65617	18.673	ug/l	97
78) n-propylbenzene	13.035	91	290532	18.447	ug/l	99
79) 2-Chlorotoluene	13.123	91	190785	18.555	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	226939	18.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	26895	19.906	ug/l	92
82) 4-Chlorotoluene	13.223	91	195029	18.454	ug/l	96
83) tert-Butylbenzene	13.441	119	182185	18.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	228015	18.631	ug/l	98
85) sec-Butylbenzene	13.617	105	229119	17.777	ug/l	100
86) p-Isopropyltoluene	13.729	119	211081	18.138	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	110236	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	113789	18.208	ug/l	97
89) n-Butylbenzene	14.059	91	164945	16.973	ug/l	98
90) Hexachloroethane	14.335	117	32784	17.739	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	108333	18.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15969	19.834	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	57716	17.682	ug/l	97
94) Hexachlorobutadiene	15.500	225	29829	16.052	ug/l	98
95) Naphthalene	15.641	128	180353	18.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	57711	18.322	ug/l	97

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QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

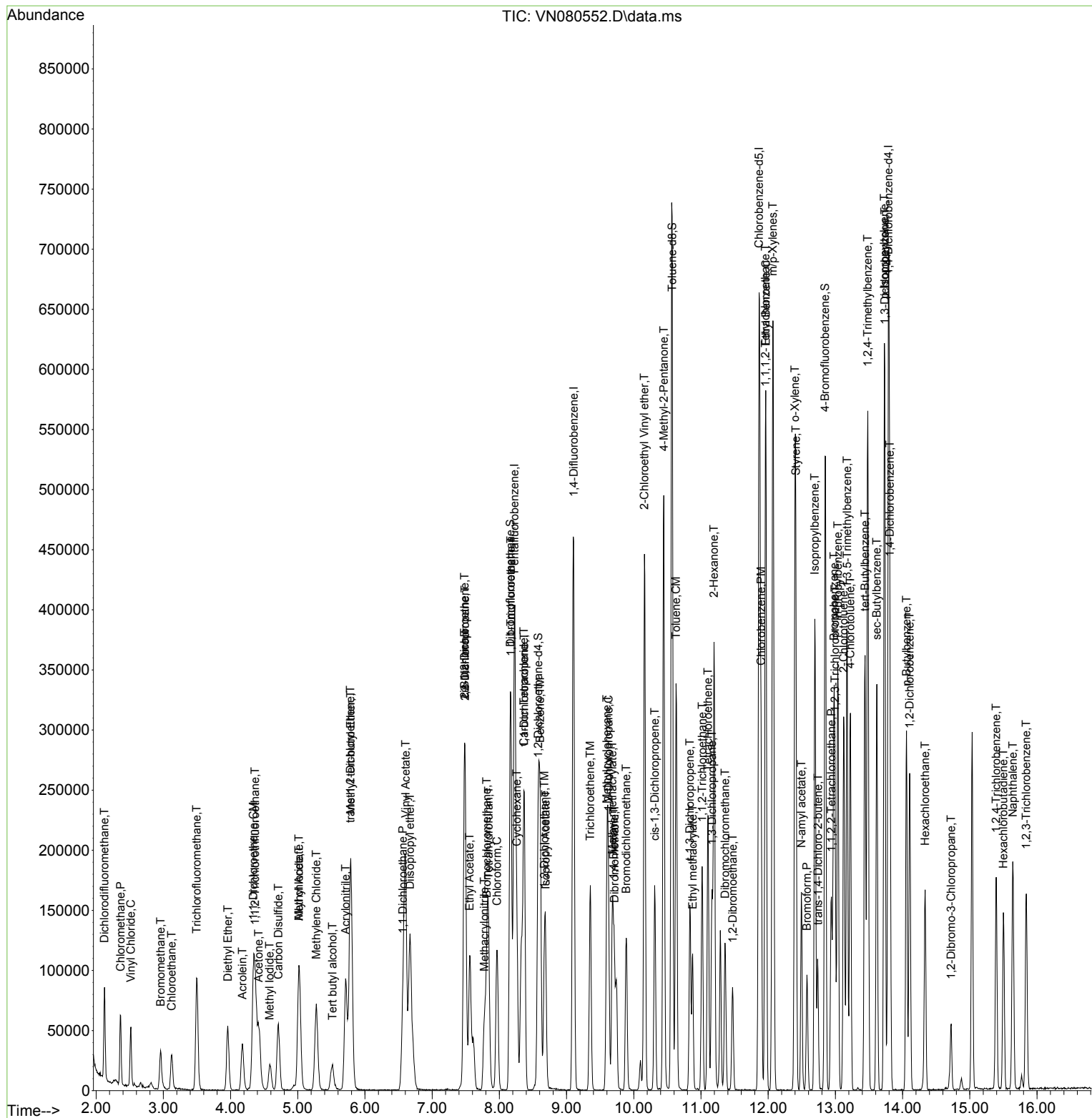
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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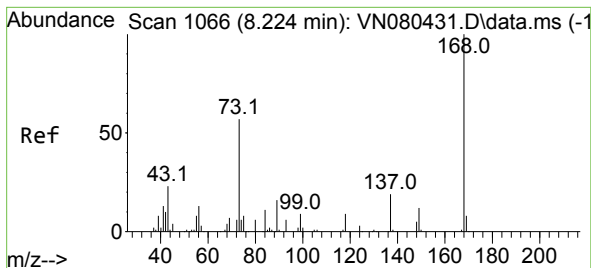
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN080552.D

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Instrument :

MSVOA_N

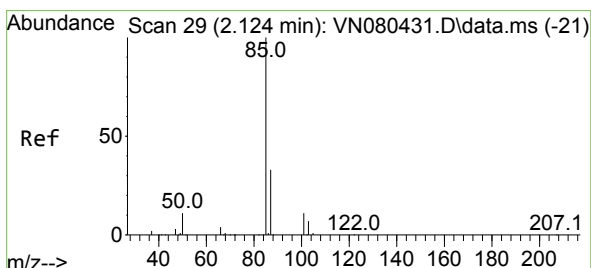
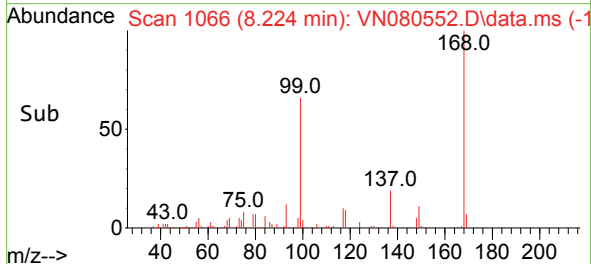
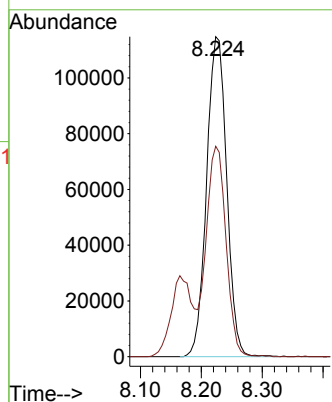
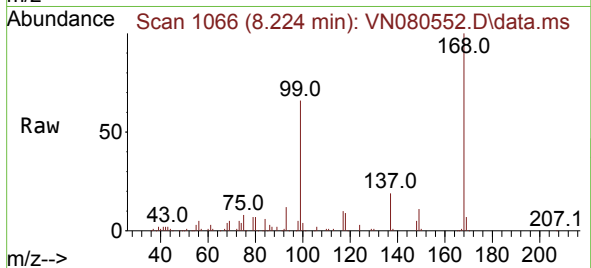
ClientSampleId :

Tgt Ion:168 Resp: 262616

Ion Ratio Lower Upper

168 100

99 65.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 18.694 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080552.D

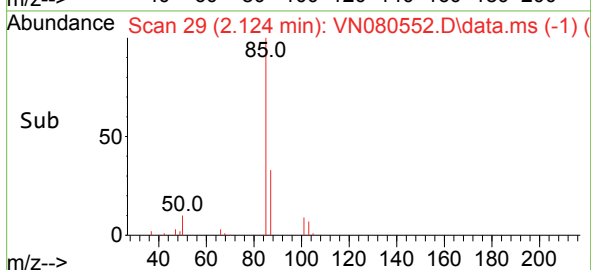
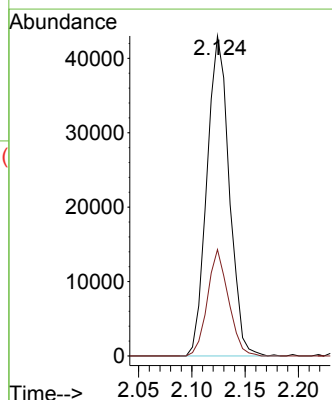
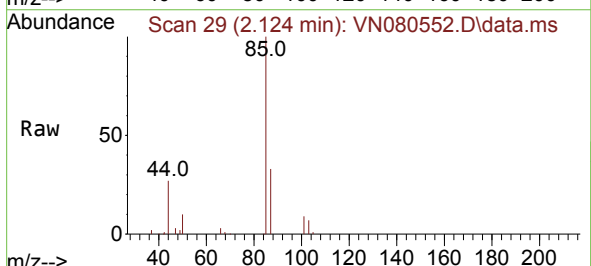
Acq: 20 Dec 2023 17:18

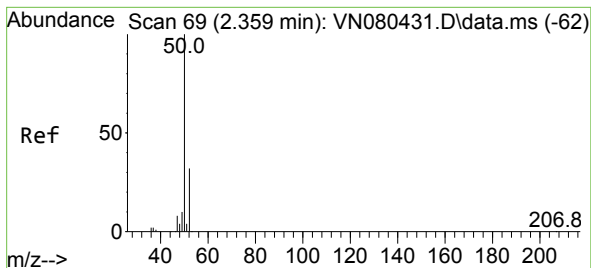
Tgt Ion: 85 Resp: 62739

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4





#3

Chloromethane

Concen: 15.086 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

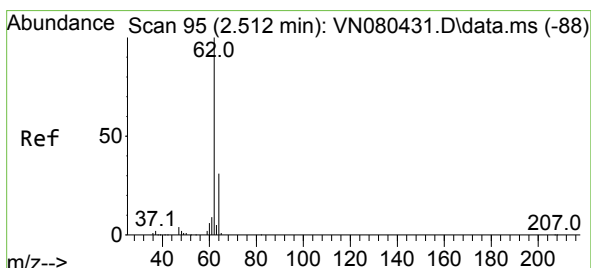
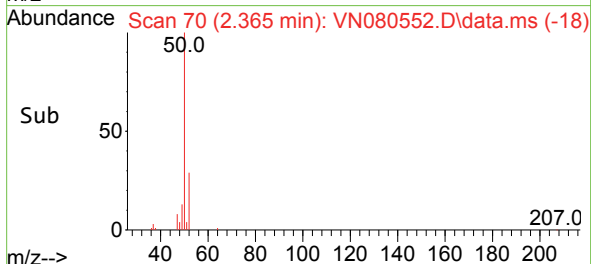
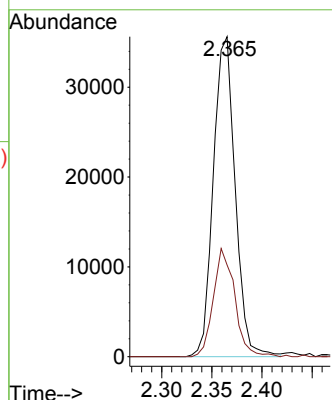
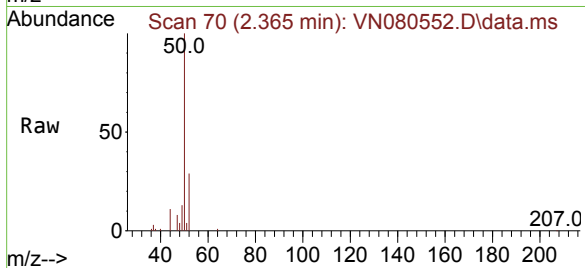
ClientSampleId :

Tgt Ion: 50 Resp: 53968

Ion Ratio Lower Upper

50 100

52 28.7 26.5 39.7



#4

Vinyl Chloride

Concen: 16.487 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN080552.D

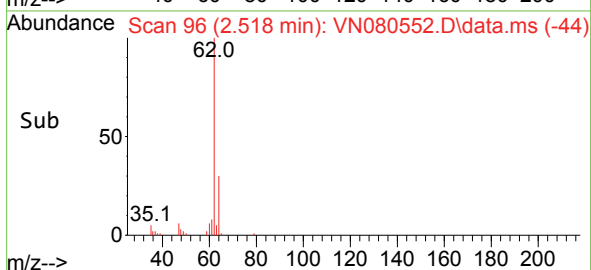
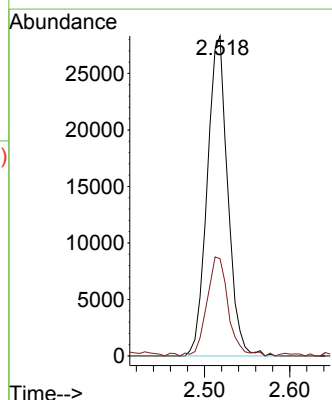
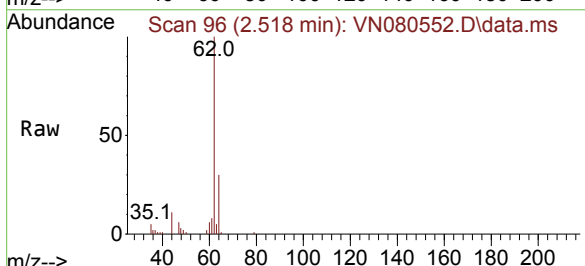
Acq: 20 Dec 2023 17:18

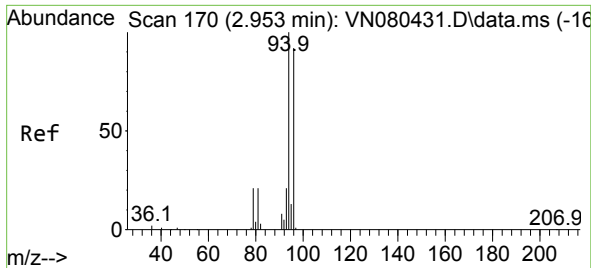
Tgt Ion: 62 Resp: 47253

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2

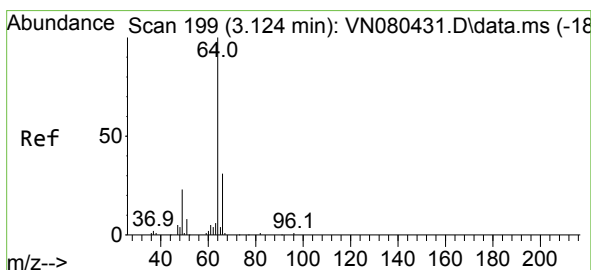
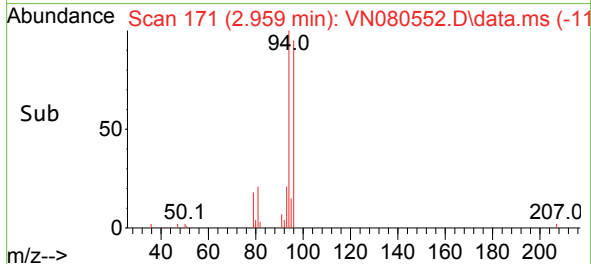
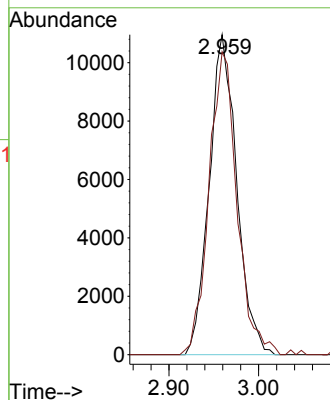
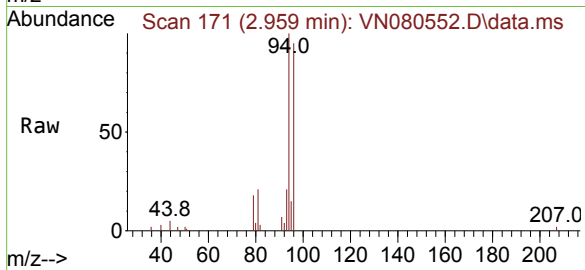




#5
Bromomethane
Concen: 18.074 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080552.D
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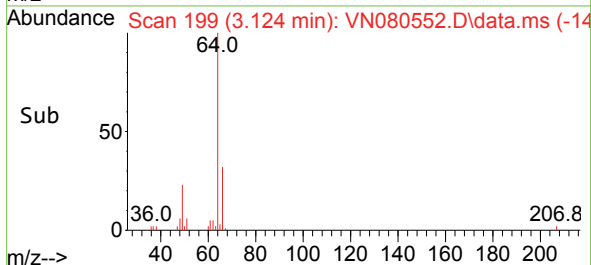
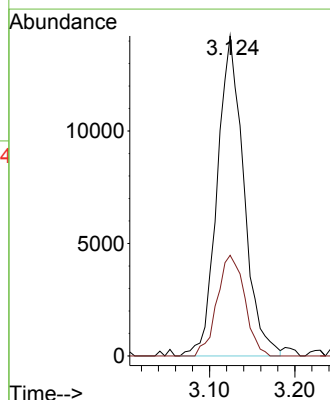
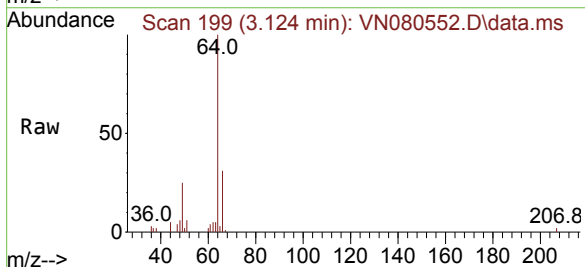
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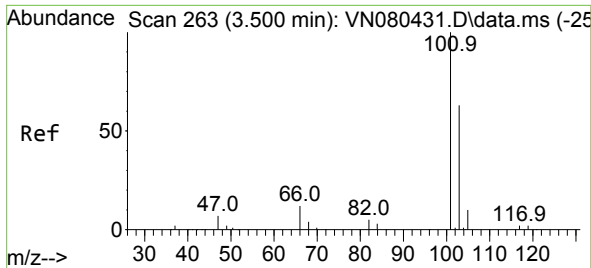
Tgt Ion: 94 Resp: 23355
Ion Ratio Lower Upper
94 100
96 94.6 73.1 109.7



#6
Chloroethane
Concen: 16.772 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 64 Resp: 30888
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

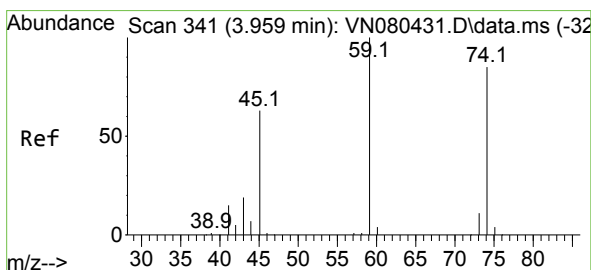
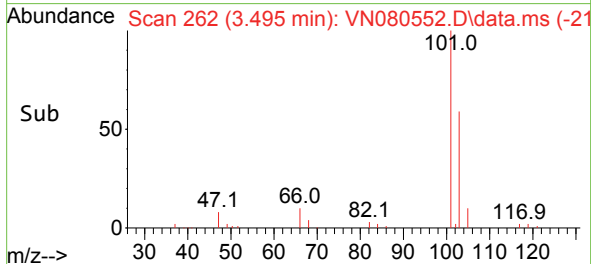
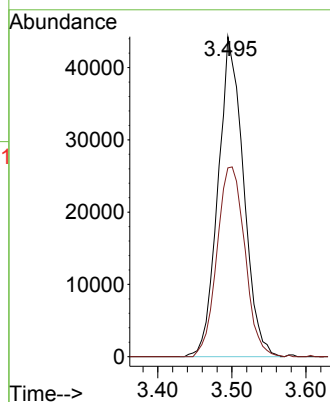
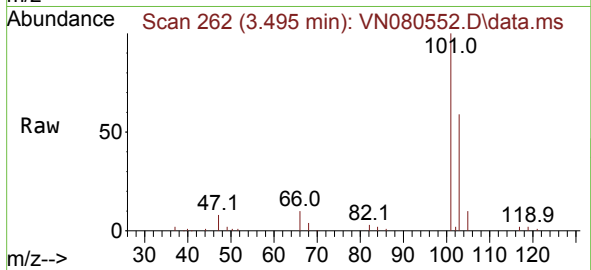




#7
Trichlorofluoromethane
Concen: 18.147 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

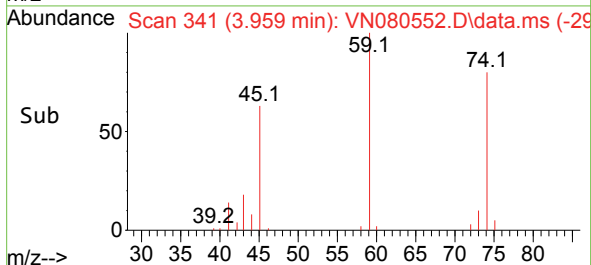
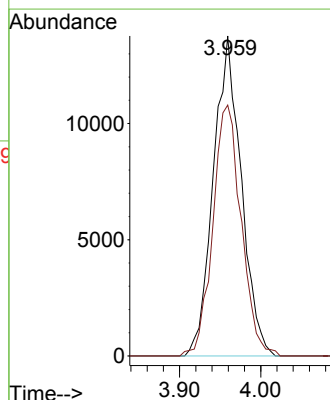
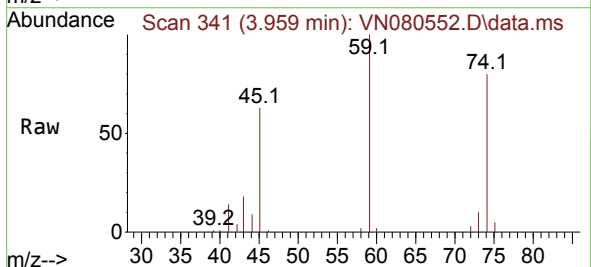
Instrument :
MSVOA_N
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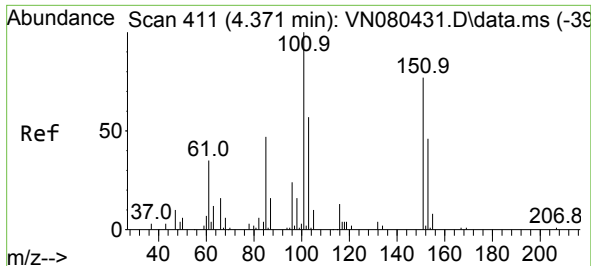
Tgt Ion:101 Resp: 105489
Ion Ratio Lower Upper
101 100
103 59.0 50.7 76.1



#8
Diethyl Ether
Concen: 17.956 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 74 Resp: 32878
Ion Ratio Lower Upper
74 100
45 79.5 34.4 103.3

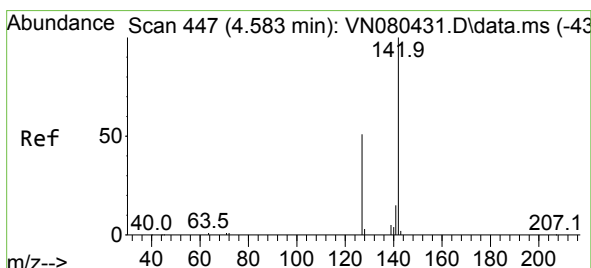
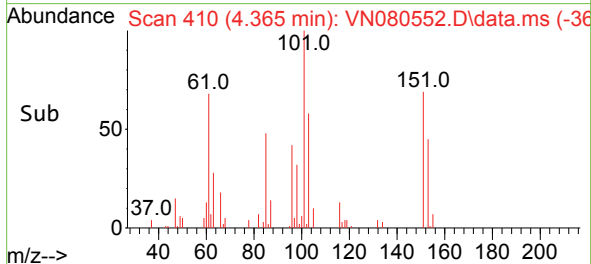
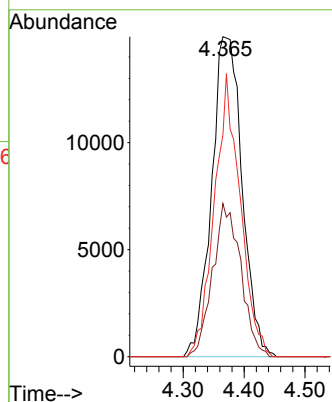
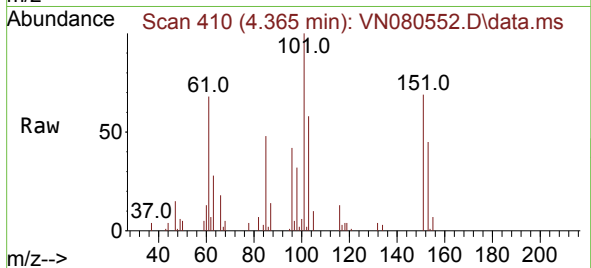




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.871 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

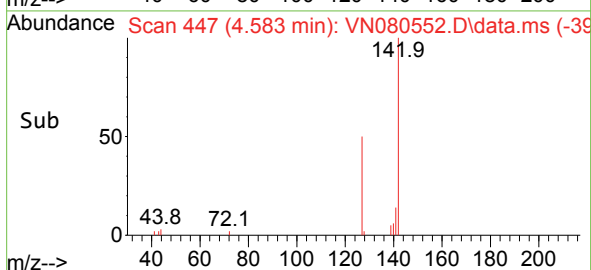
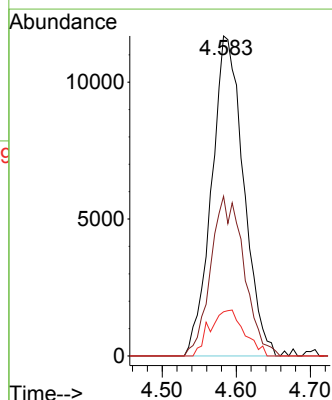
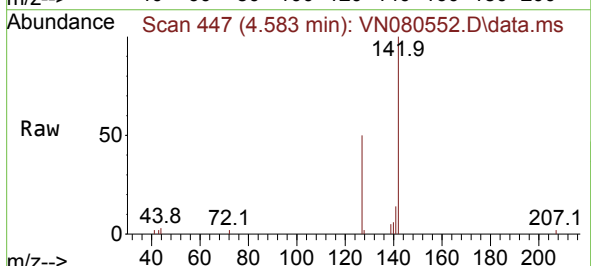
Instrument :
MSVOA_N
ClientSampleId :

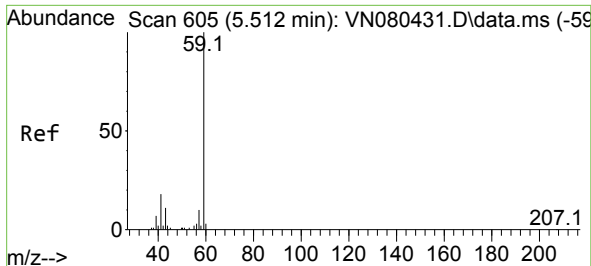
Tgt Ion:101 Resp: 51994
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 74.7 57.6 86.4



#10
Methyl Iodide
Concen: 14.456 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

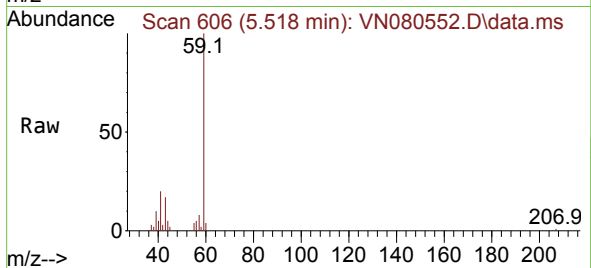
Tgt Ion:142 Resp: 35035
Ion Ratio Lower Upper
142 100
127 49.9 37.6 56.4
141 13.8 11.4 17.0



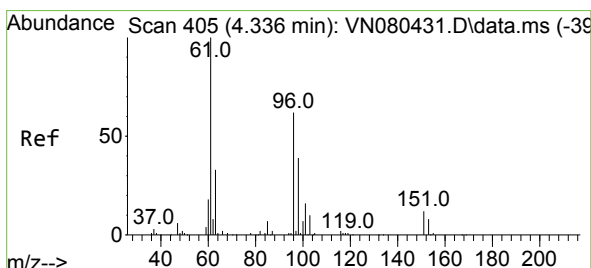
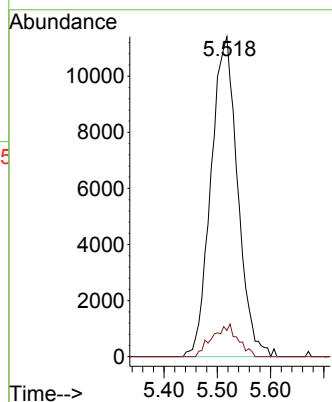
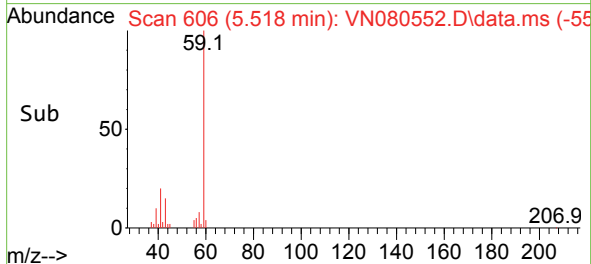


#11
Tert butyl alcohol
Concen: 100.564 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

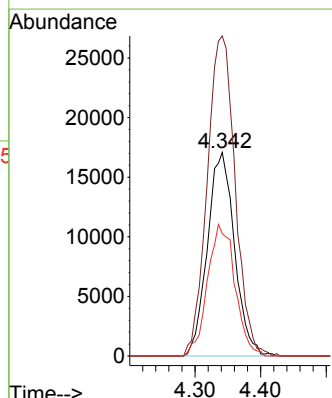
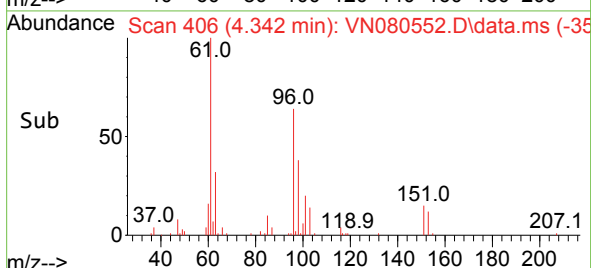
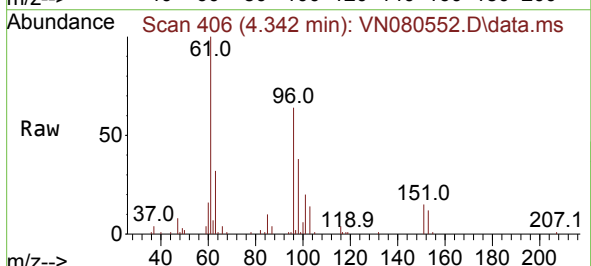


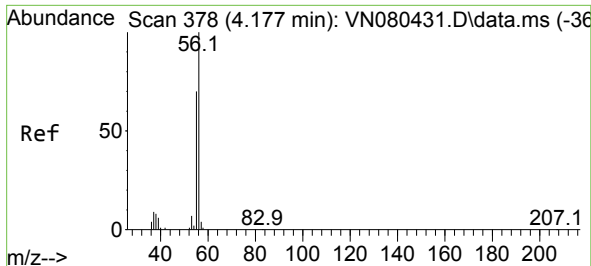
Tgt Ion: 59 Resp: 39726
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.350 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 96 Resp: 48983
Ion Ratio Lower Upper
96 100
61 157.3 112.7 169.1
98 60.1 51.2 76.8





#13

Acrolein

Concen: 115.890 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

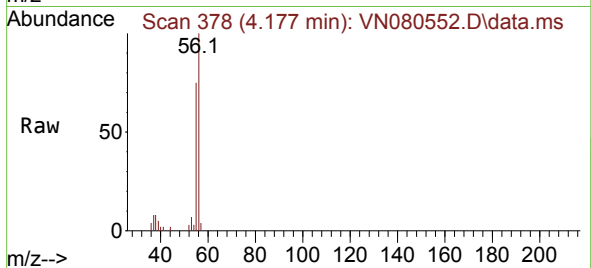
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

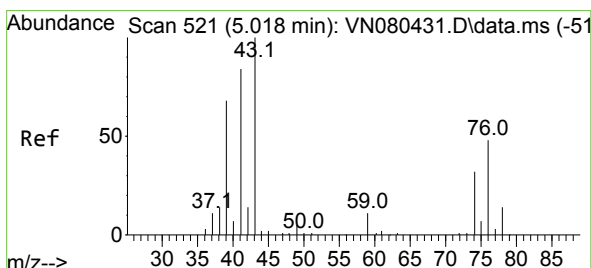
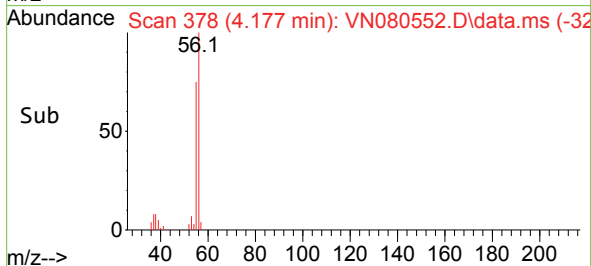
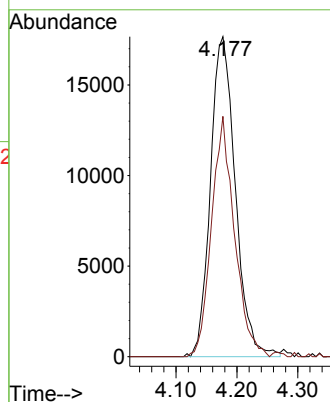


Tgt Ion: 56 Resp: 50136

Ion Ratio Lower Upper

56 100

55 69.4 54.5 81.7



#14

Allyl chloride

Concen: 17.395 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

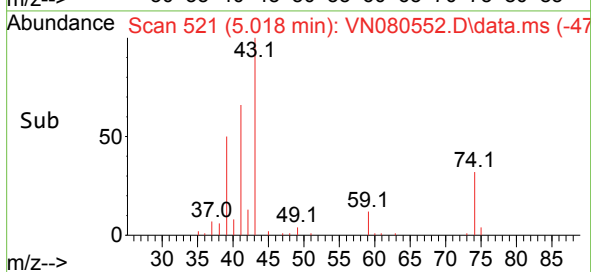
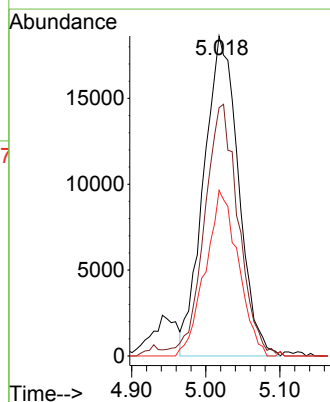
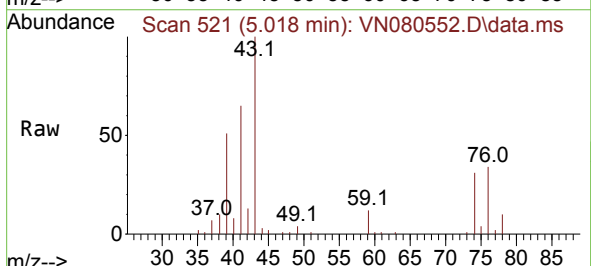
Tgt Ion: 41 Resp: 60759

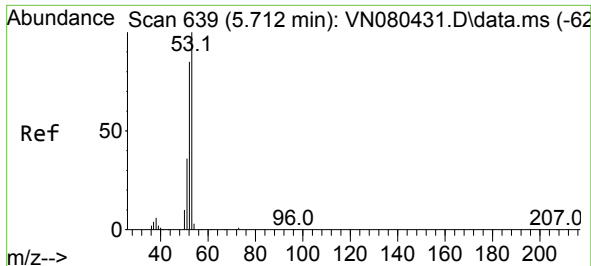
Ion Ratio Lower Upper

41 100

39 77.1 58.8 88.2

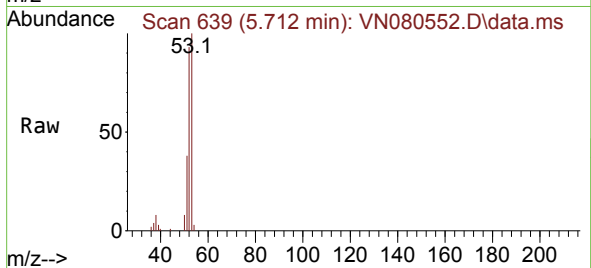
76 48.9 39.1 58.7



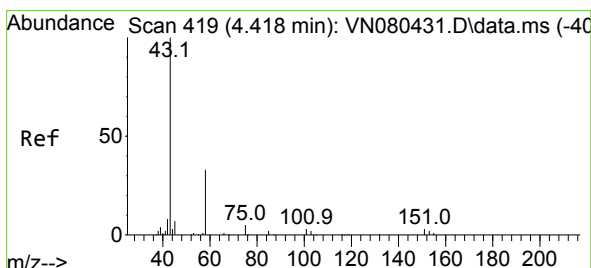
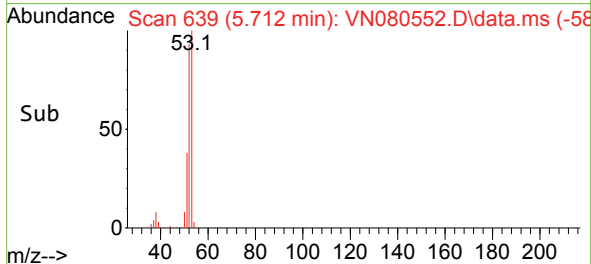
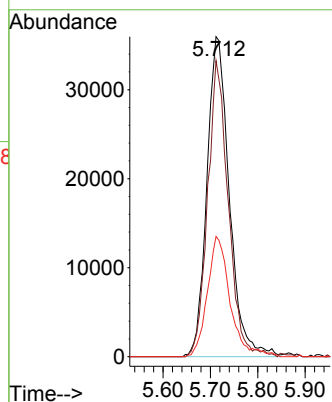


#15
Acrylonitrile
Concen: 106.146 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

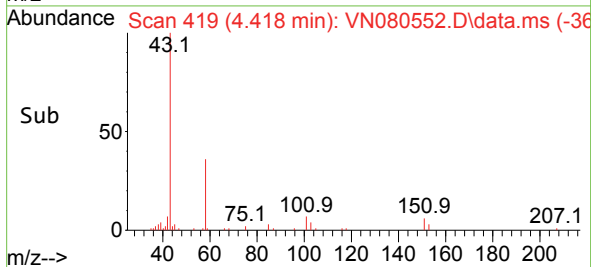
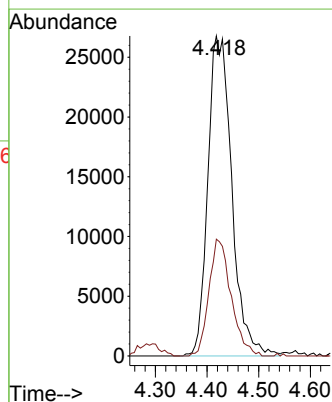
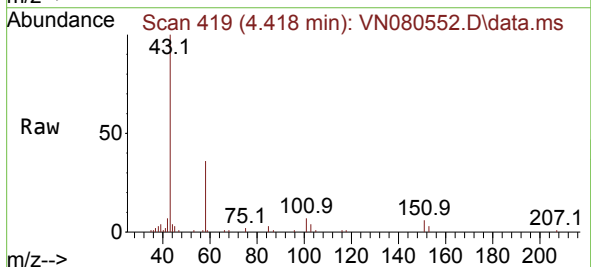


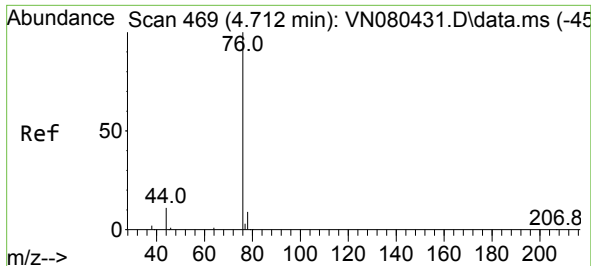
Tgt Ion: 53 Resp: 118479
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 38.1 28.9 43.3



#16
Acetone
Concen: 144.951 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 43 Resp: 86208
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0

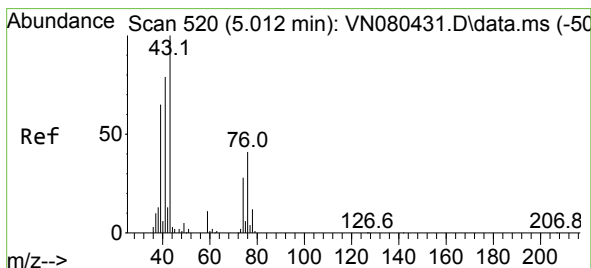
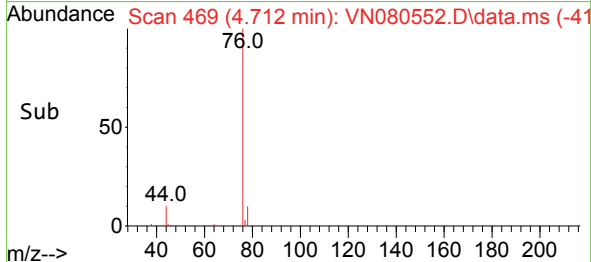
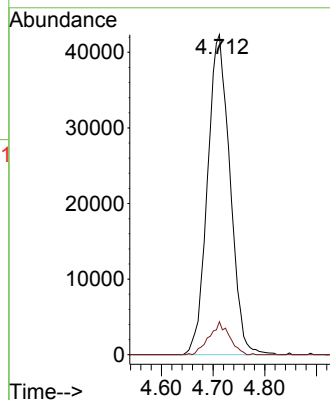
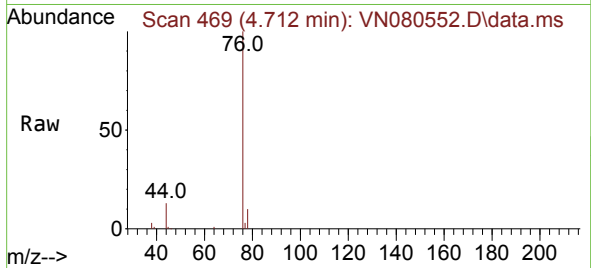




#17
Carbon Disulfide
Concen: 15.990 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

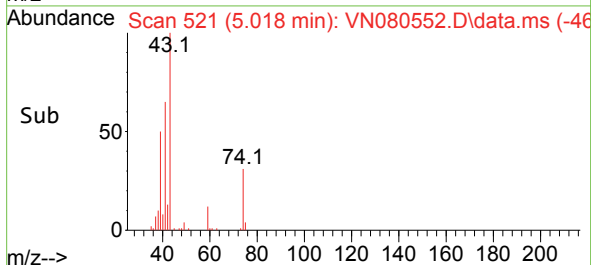
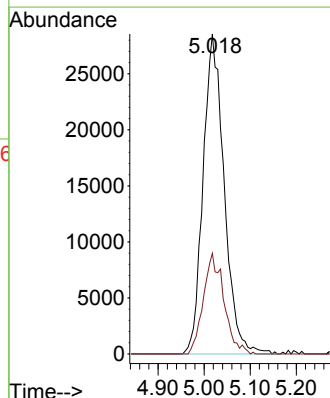
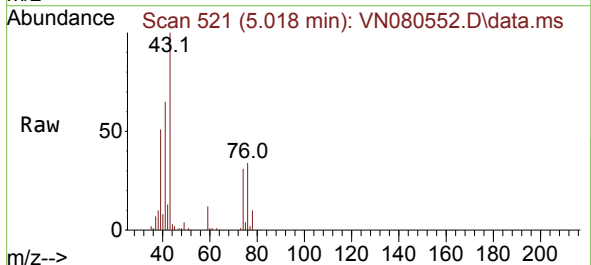
Instrument :
MSVOA_N
ClientSampleId :

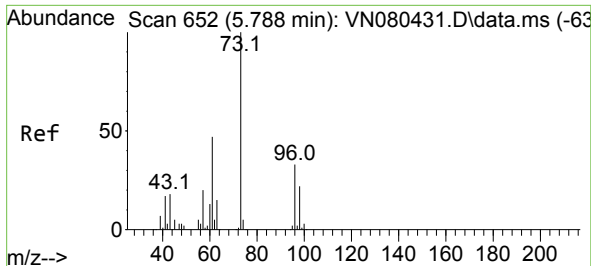
Tgt Ion: 76 Resp: 127937
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 23.754 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 43 Resp: 90902
Ion Ratio Lower Upper
43 100
74 30.7 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 19.909 ug/l

RT: 5.788 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

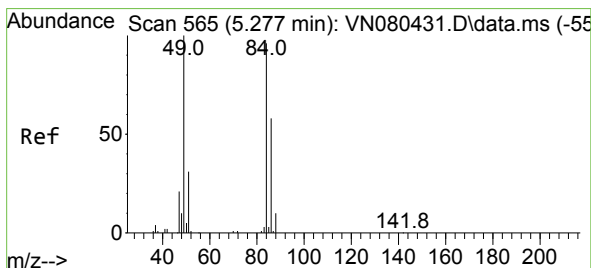
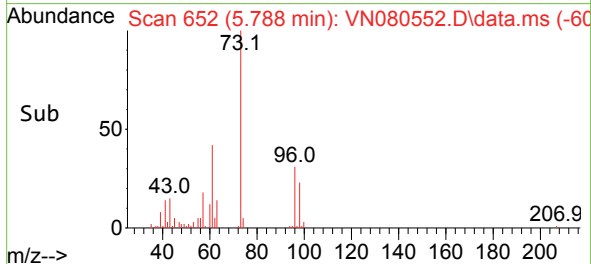
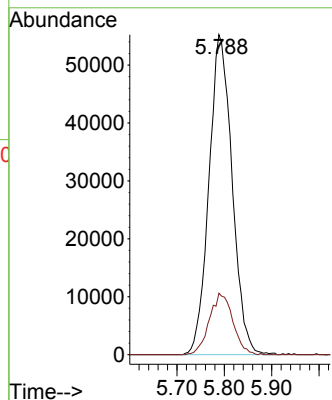
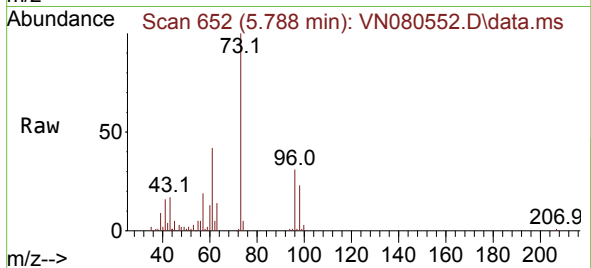
ClientSampleId :

Tgt Ion: 73 Resp: 187524

Ion Ratio Lower Upper

73 100

57 19.2 15.6 23.4



#20

Methylene Chloride

Concen: 18.596 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion: 84 Resp: 59189

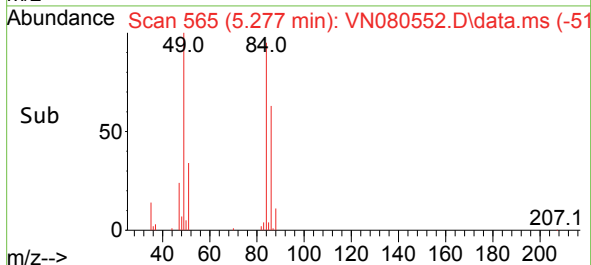
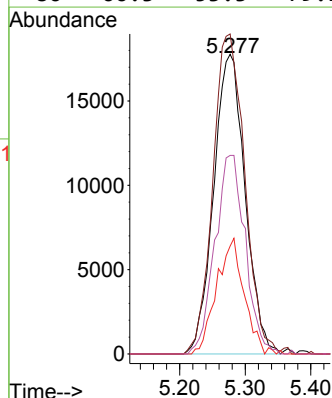
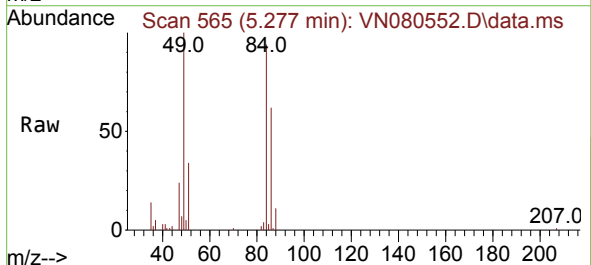
Ion Ratio Lower Upper

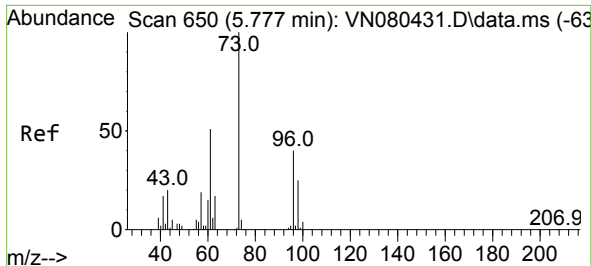
84 100

49 106.8 79.7 119.5

51 36.0 25.2 37.8

86 66.3 53.3 79.9

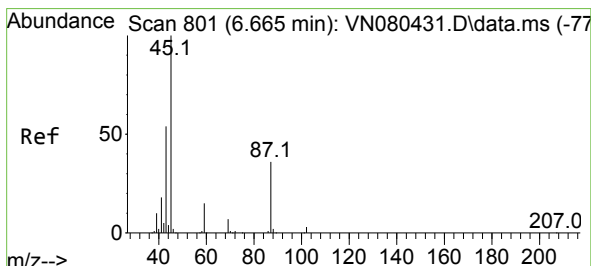
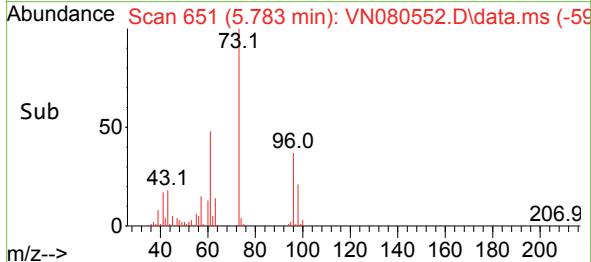
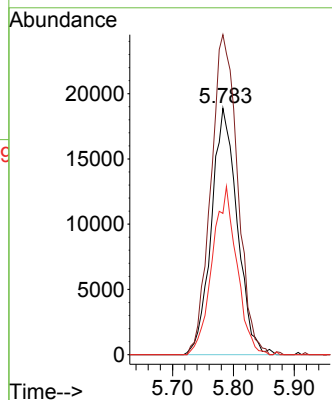
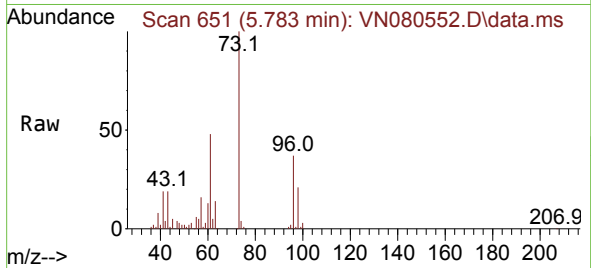




#21
trans-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

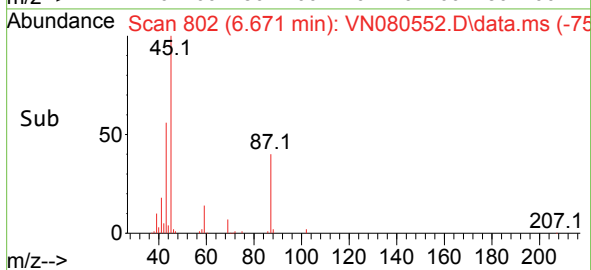
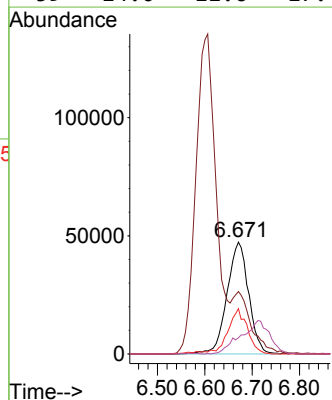
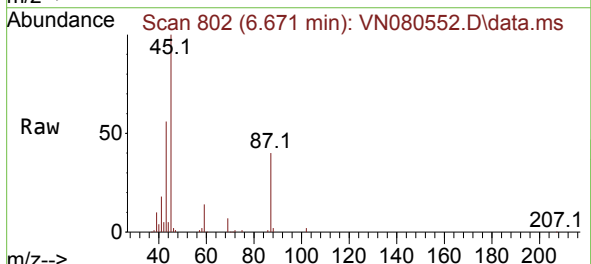
Instrument :
MSVOA_N
ClientSampleId :

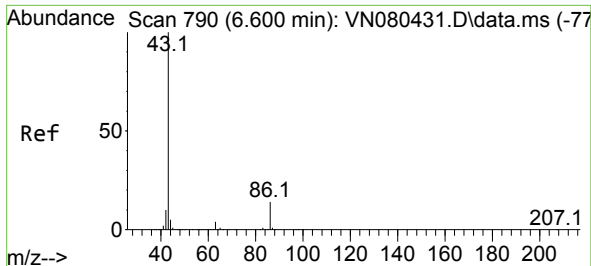
Tgt Ion: 96 Resp: 55669
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 57.3 46.4 69.6



#22
Diisopropyl ether
Concen: 19.879 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 45 Resp: 149864
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 40.5 31.8 47.8
59 14.0 11.6 17.4

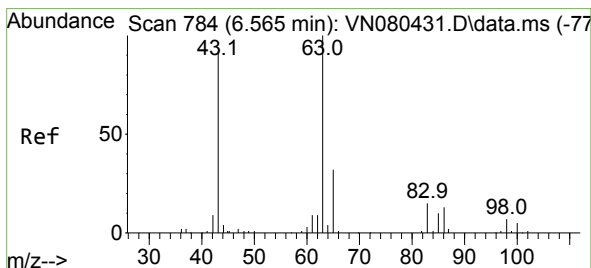
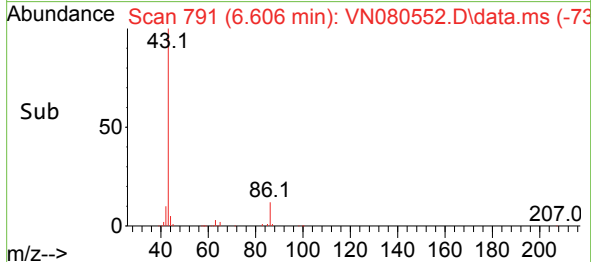
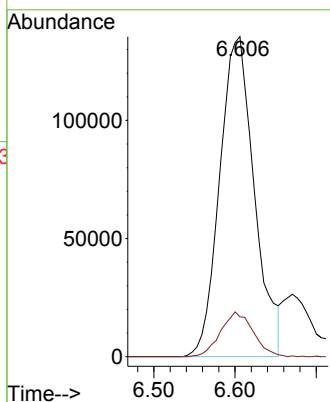
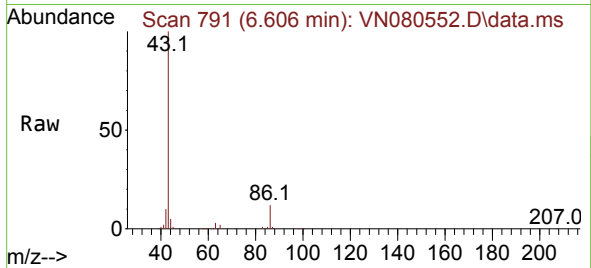




#23
 Vinyl Acetate
 Concen: 93.060 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

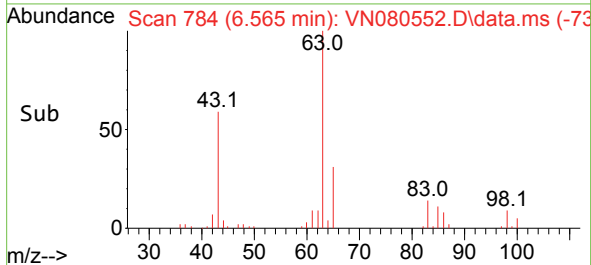
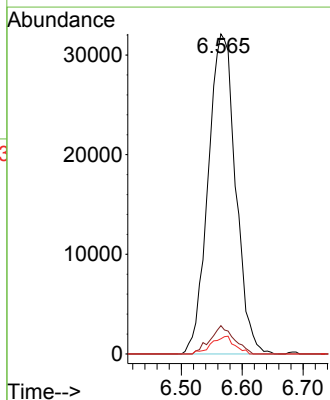
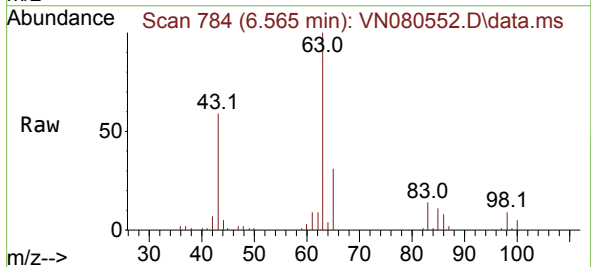
Instrument :
 MSVOA_N
 ClientSampleId :

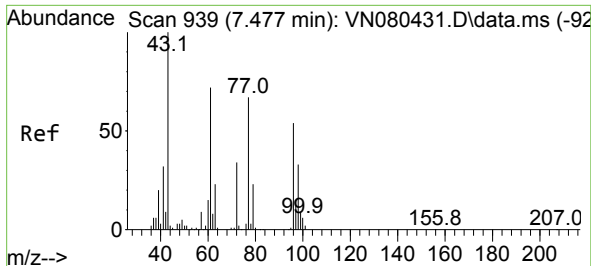
Tgt Ion: 43 Resp: 402938
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.123 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion: 63 Resp: 100584
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.8 2.5 7.4

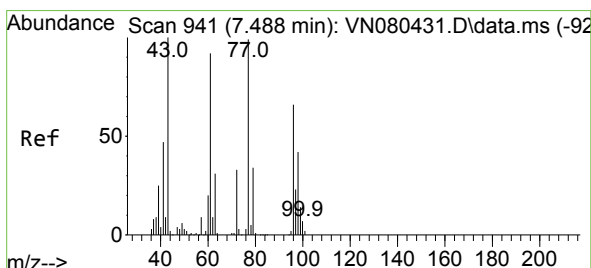
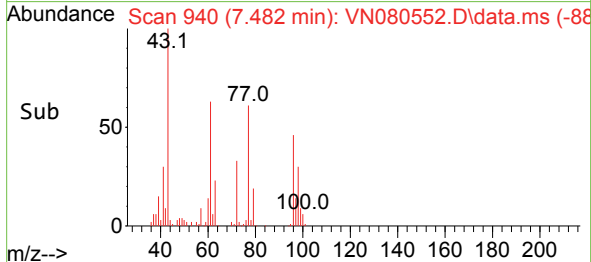
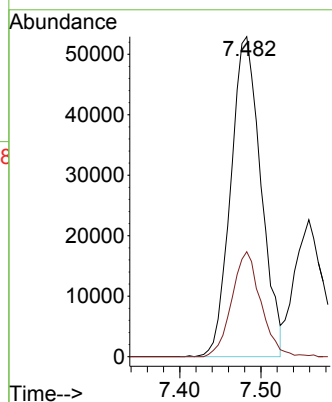
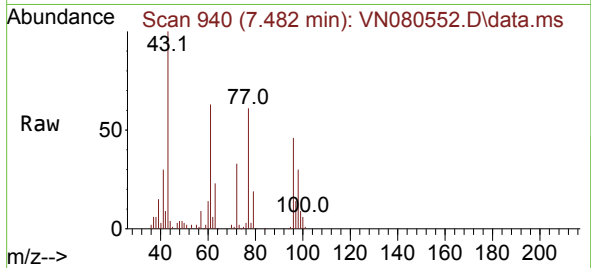




#25
2-Butanone
Concen: 119.384 ug/l
RT: 7.482 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

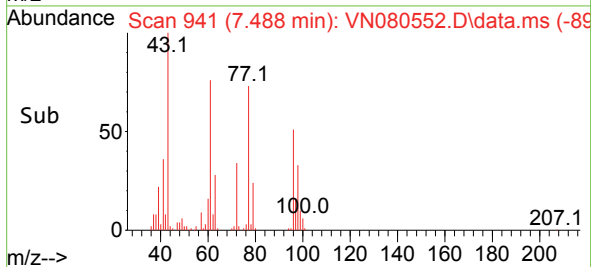
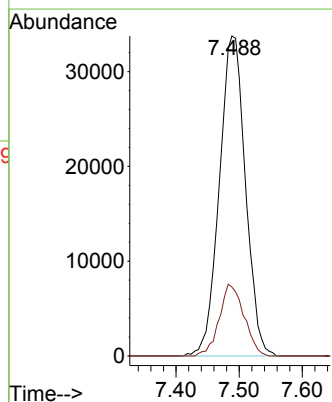
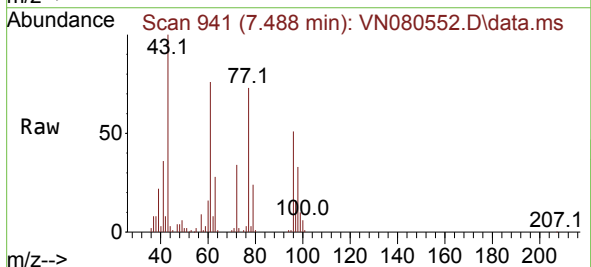
Instrument :
MSVOA_N
ClientSampleId :

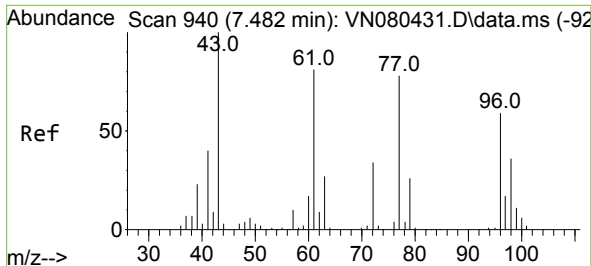
Tgt Ion: 43 Resp: 136780
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 18.028 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 77 Resp: 96961
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6

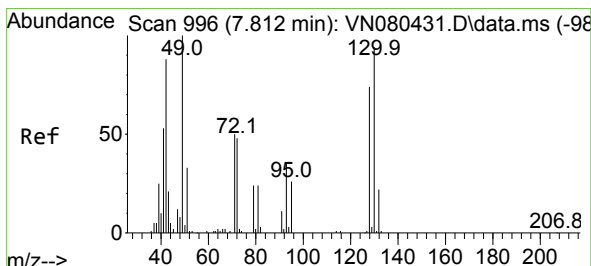
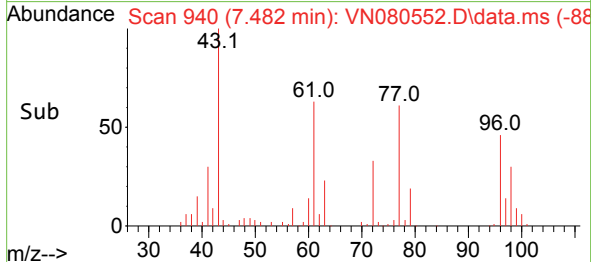
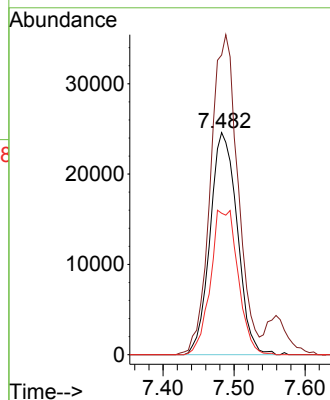
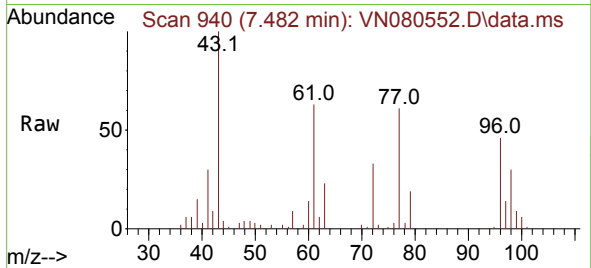




#27
 cis-1,2-Dichloroethene
 Concen: 18.814 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

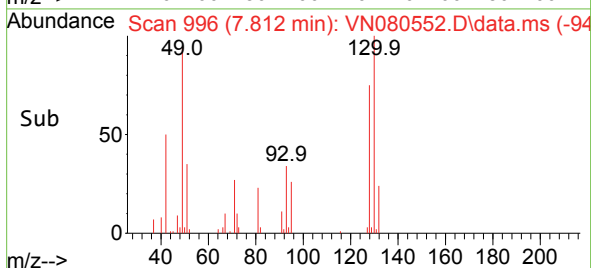
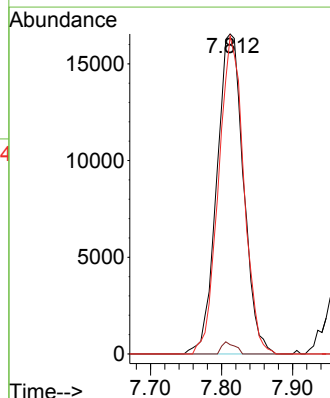
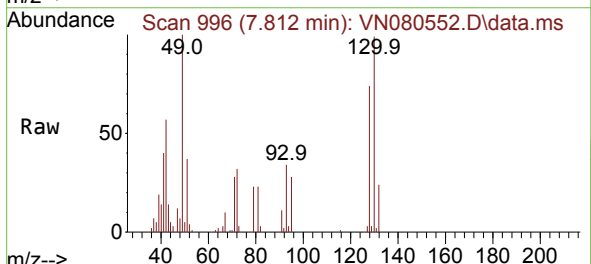
Instrument :
 MSVOA_N
 ClientSampleId :

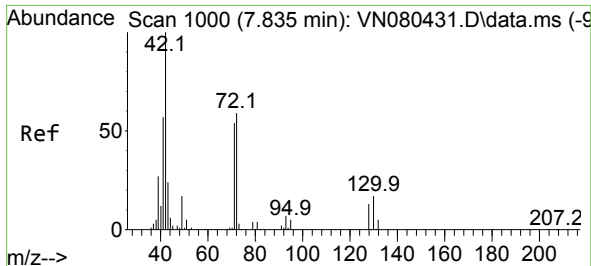
Tgt Ion: 96 Resp: 65193
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 255.2
 98 66.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.388 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion: 49 Resp: 43194
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 93.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.614 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

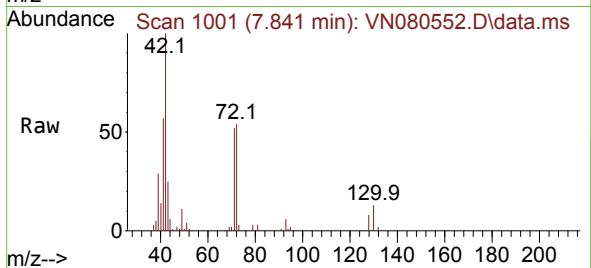
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



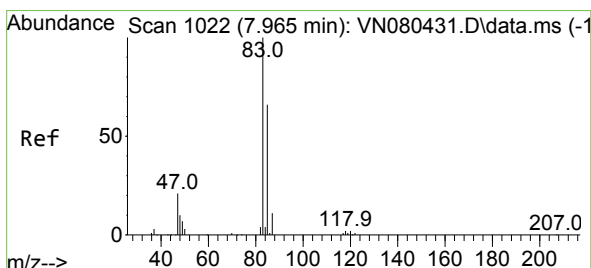
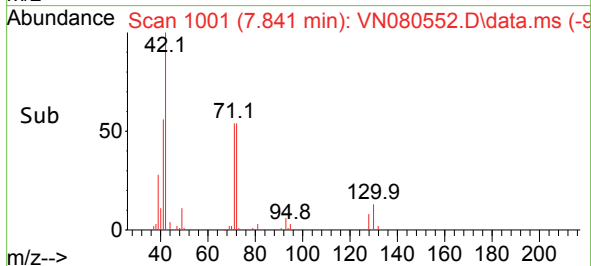
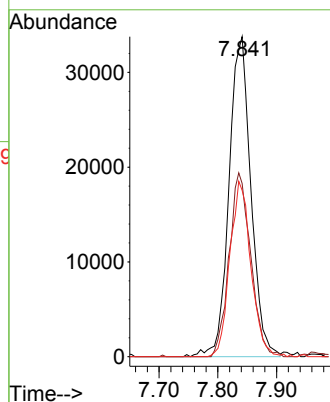
Tgt Ion: 42 Resp: 87469

Ion Ratio Lower Upper

42 100

72 56.7 49.8 74.6

71 52.7 47.4 71.2



#30

Chloroform

Concen: 20.578 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080552.D

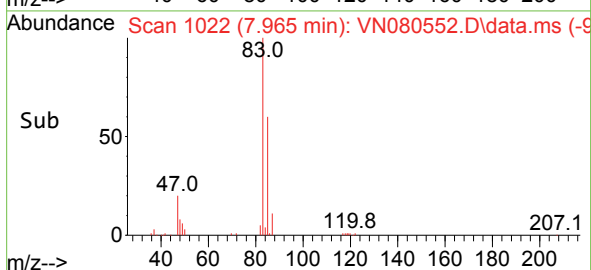
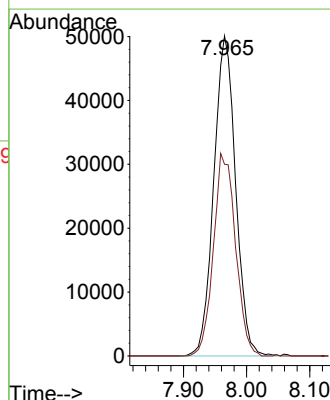
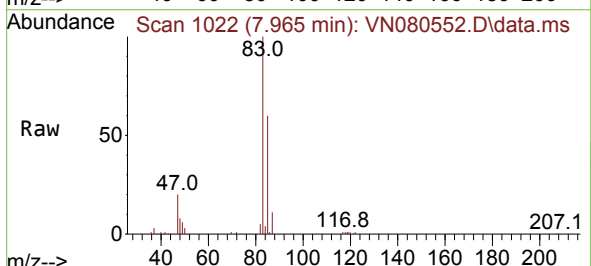
Acq: 20 Dec 2023 17:18

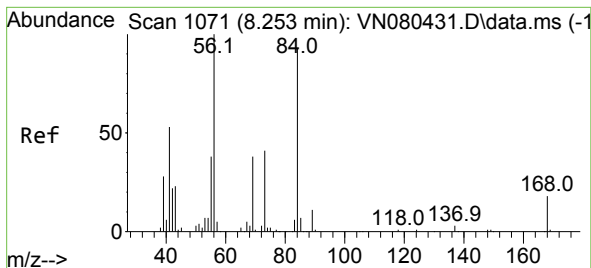
Tgt Ion: 83 Resp: 120145

Ion Ratio Lower Upper

83 100

85 59.9 55.4 83.0





#31

Cyclohexane

Concen: 16.742 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

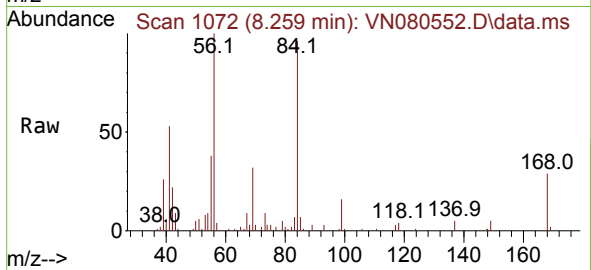
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



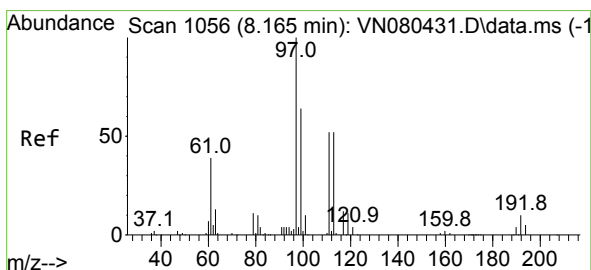
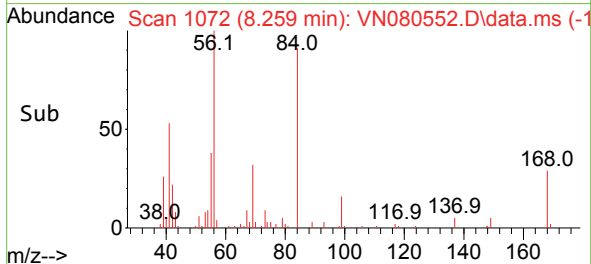
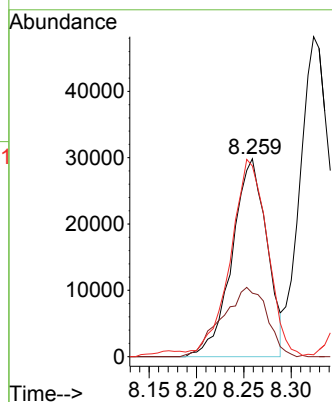
Tgt Ion: 56 Resp: 76366

Ion Ratio Lower Upper

56 100

69 32.1 26.8 40.2

84 93.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.476 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

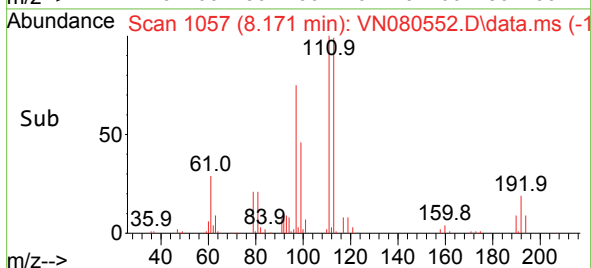
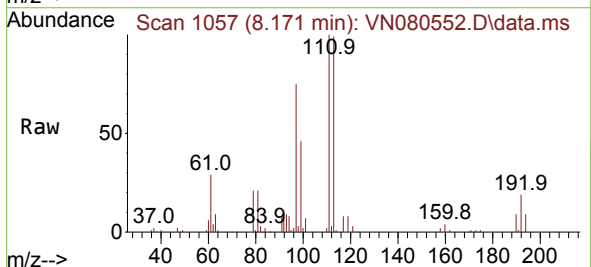
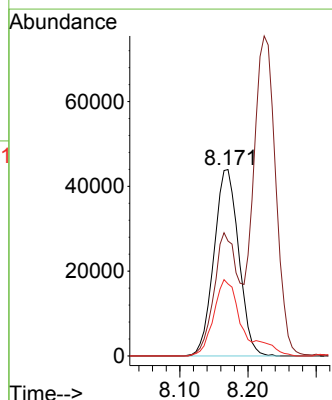
Tgt Ion: 97 Resp: 111333

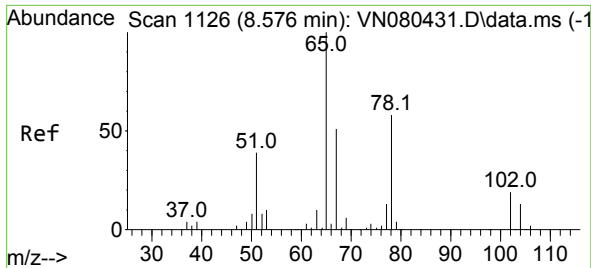
Ion Ratio Lower Upper

97 100

99 65.7 50.3 75.5

61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.746 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

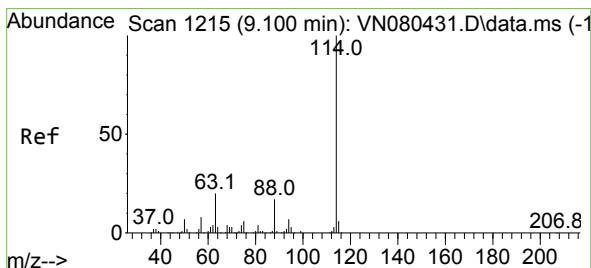
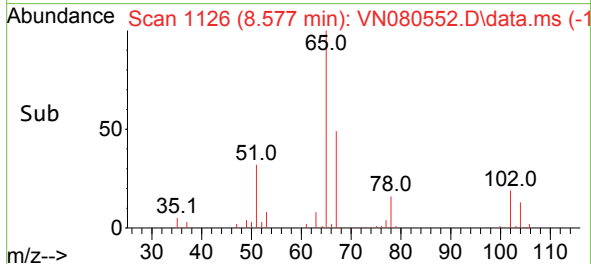
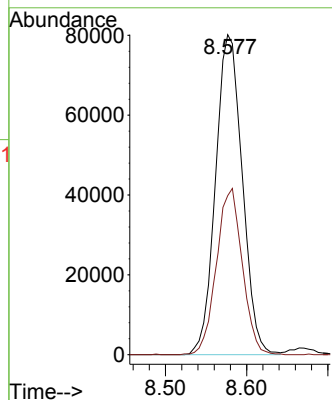
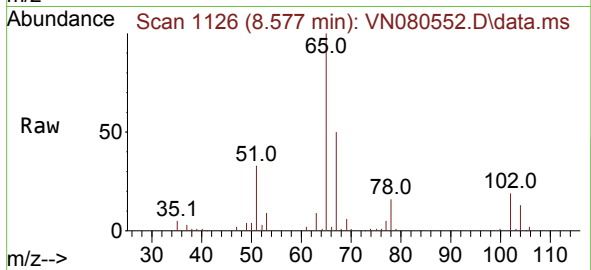
ClientSampleId :

Tgt Ion: 65 Resp: 183629

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

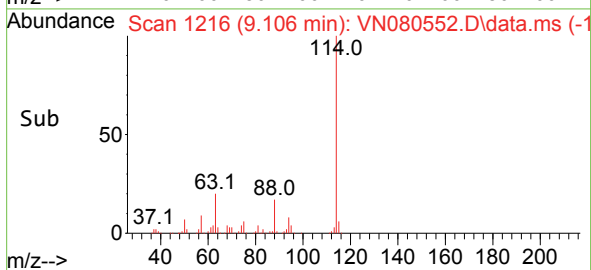
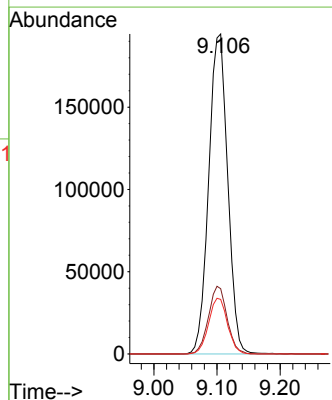
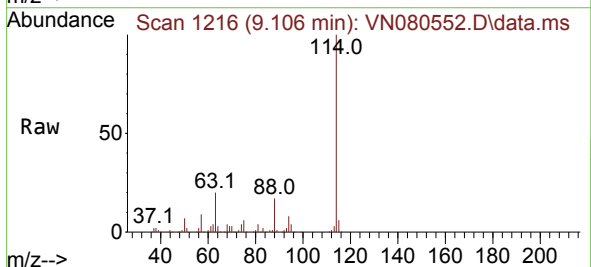
Tgt Ion: 114 Resp: 405187

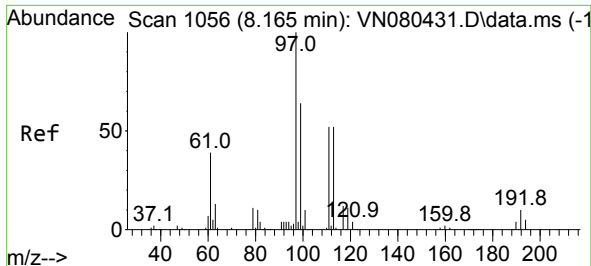
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

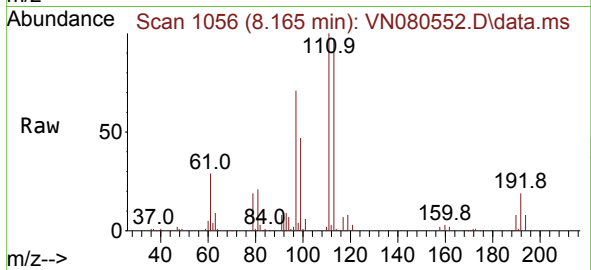
88 17.0 0.0 30.6



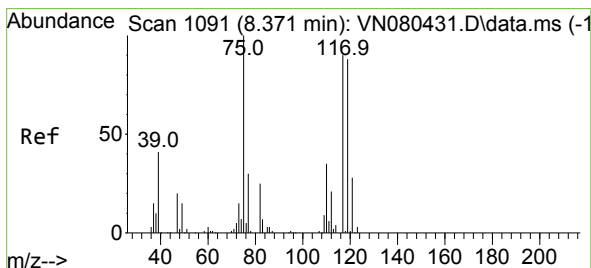
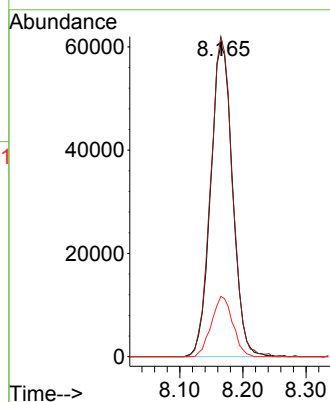
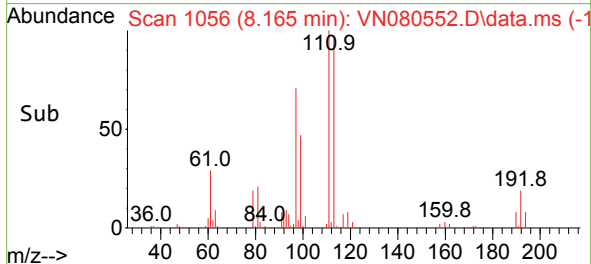


#35
Dibromofluoromethane
Concen: 56.857 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

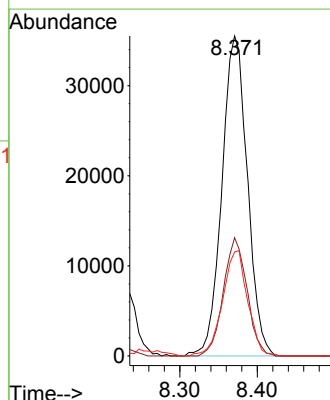
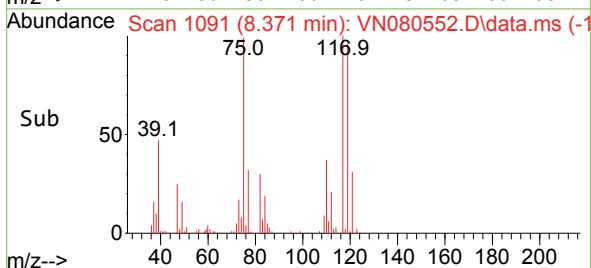
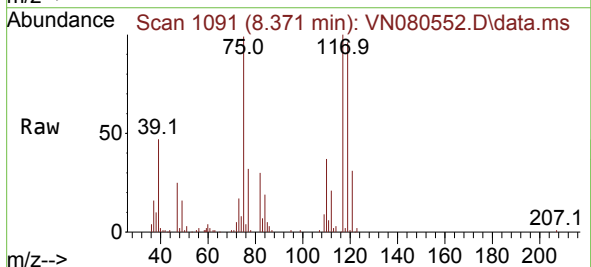


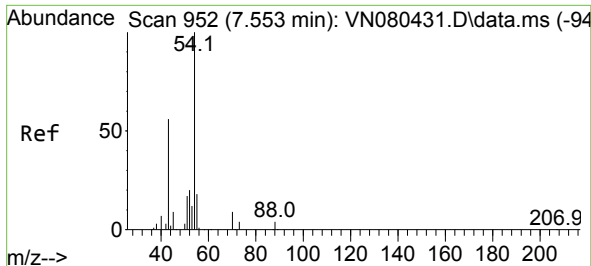
Tgt Ion:113 Resp: 146069
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.347 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 75 Resp: 81267
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 32.4 25.0 37.4

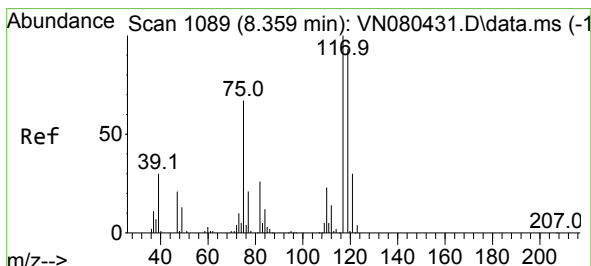
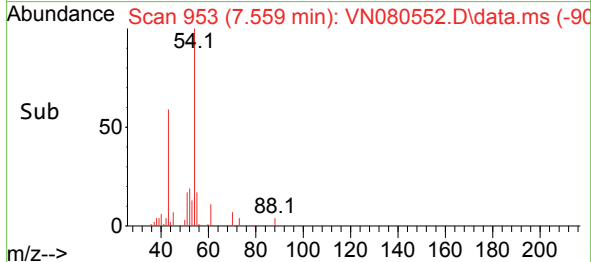
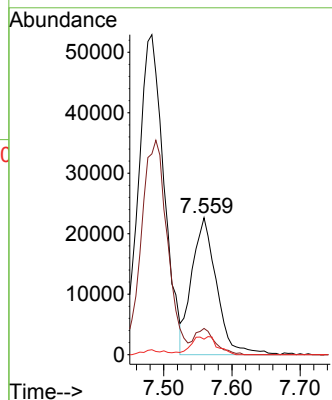
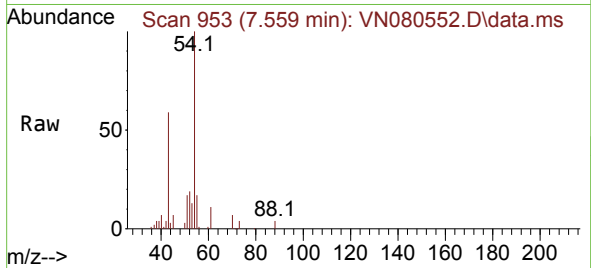




#37
Ethyl Acetate
Concen: 21.791 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

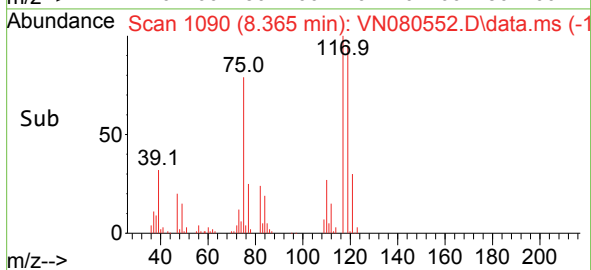
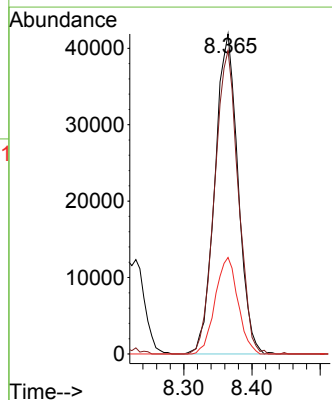
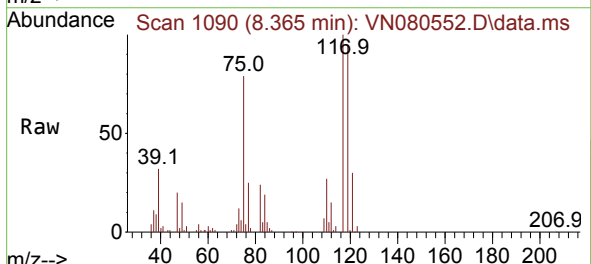
Instrument :
MSVOA_N
ClientSampleId :

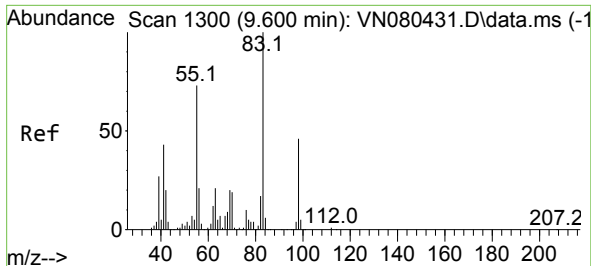
Tgt Ion: 43 Resp: 57320
Ion Ratio Lower Upper
43 100
61 16.1 13.2 19.8
70 14.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.687 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 117 Resp: 98812
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 16.839 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

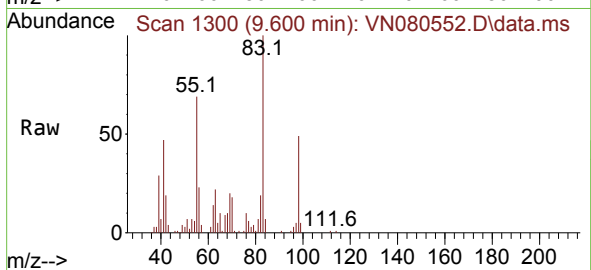
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



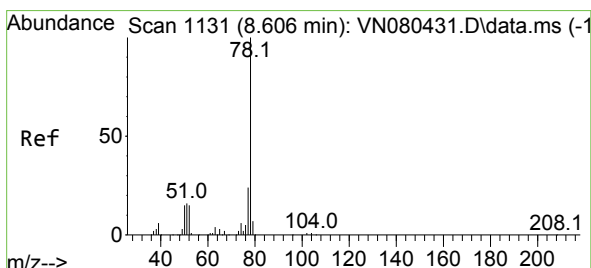
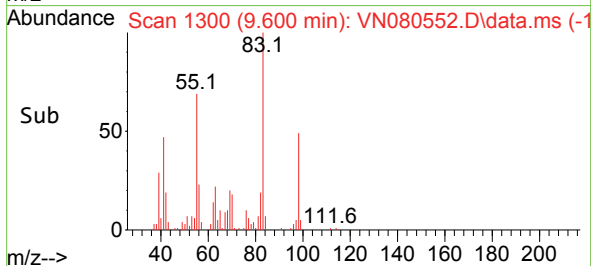
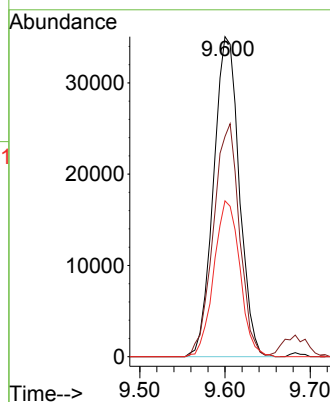
Tgt Ion: 83 Resp: 73480

Ion Ratio Lower Upper

83 100

55 68.8 49.1 73.7

98 48.7 40.6 61.0



#40

Benzene

Concen: 18.836 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080552.D

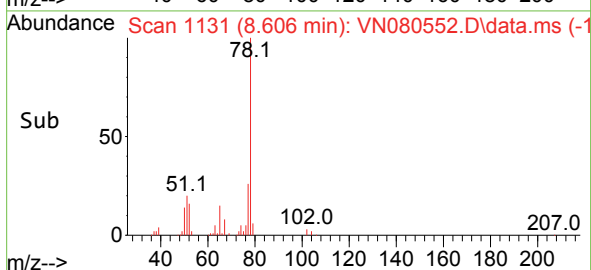
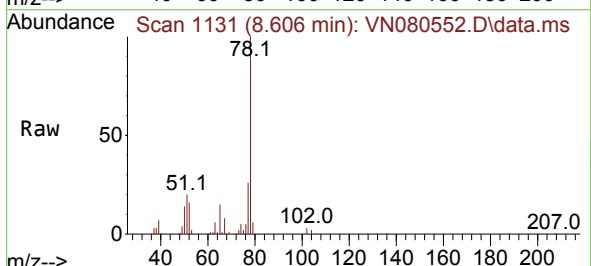
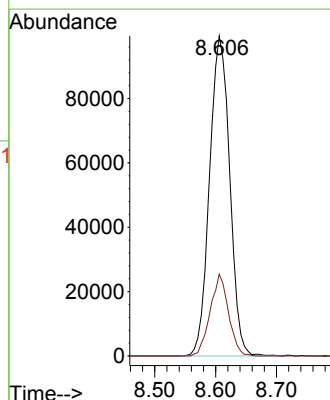
Acq: 20 Dec 2023 17:18

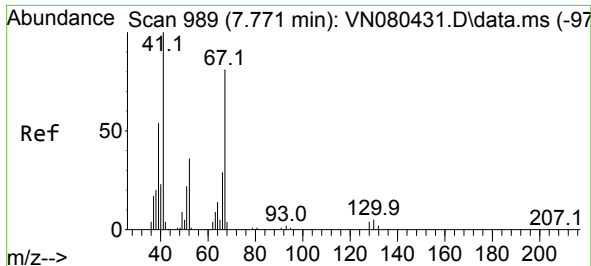
Tgt Ion: 78 Resp: 228471

Ion Ratio Lower Upper

78 100

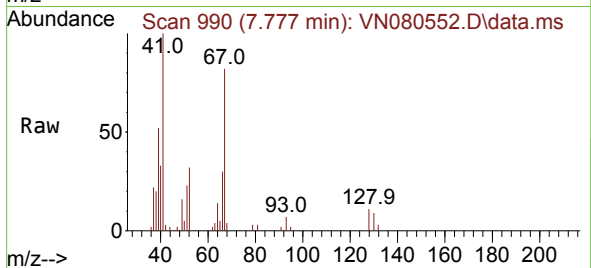
77 25.6 19.0 28.6



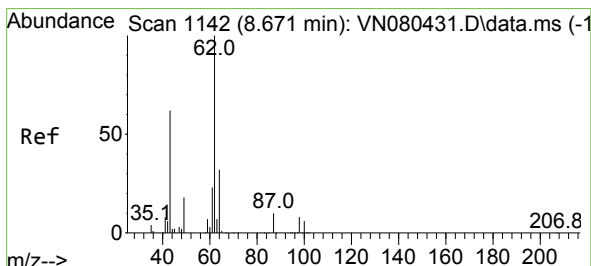
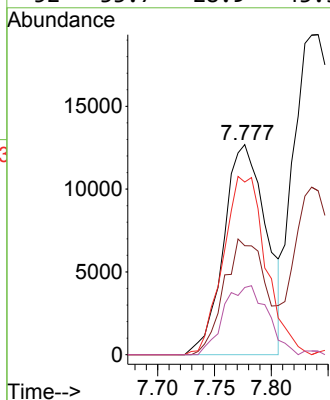
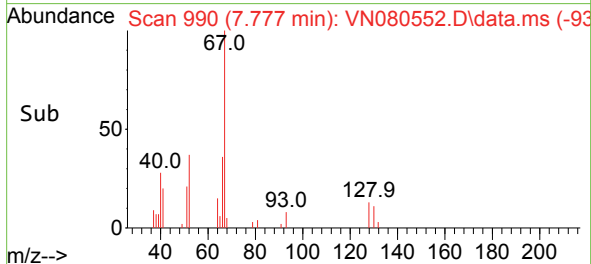


#41
Methacrylonitrile
Concen: 21.801 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

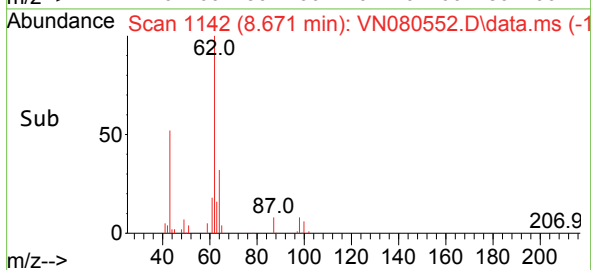
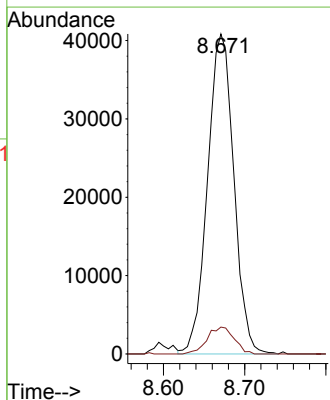
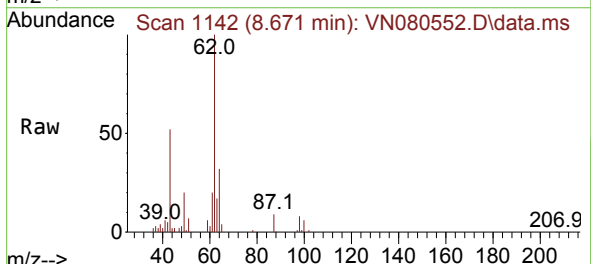


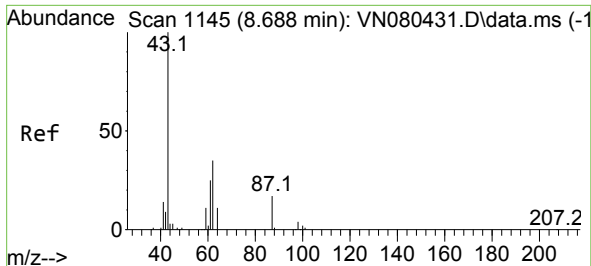
Tgt Ion:	41	Resp:	33060
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.6	64.0
67	85.2	77.5	116.3
52	33.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 20.447 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

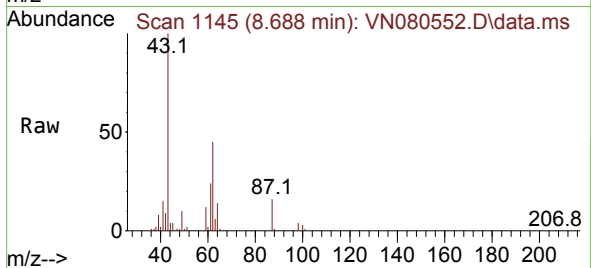
Tgt Ion:	62	Resp:	91842
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8



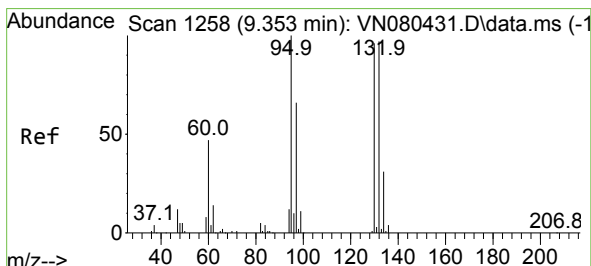
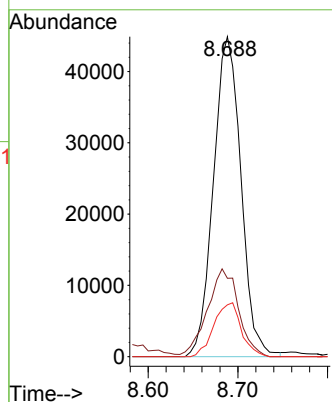
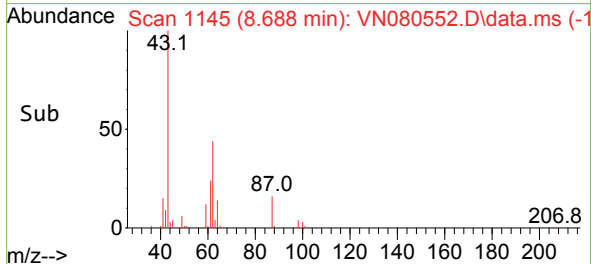


#43
Isopropyl Acetate
Concen: 20.213 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

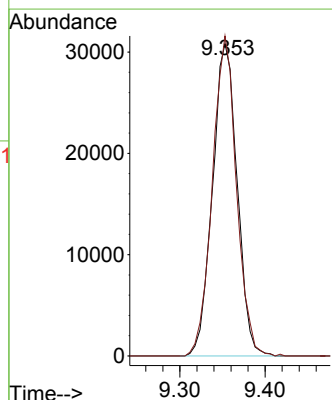
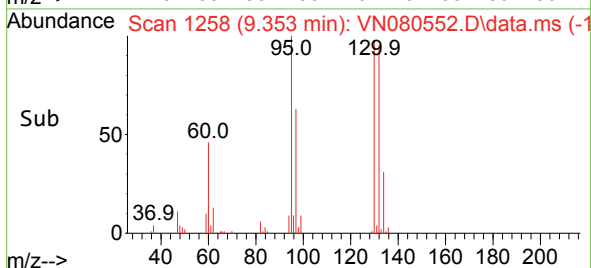
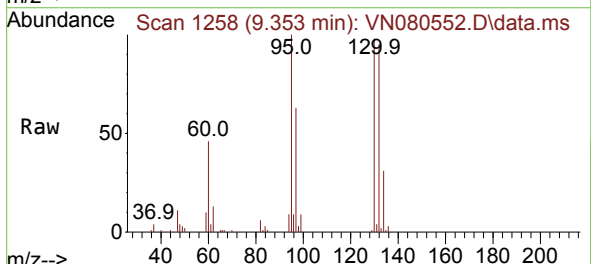


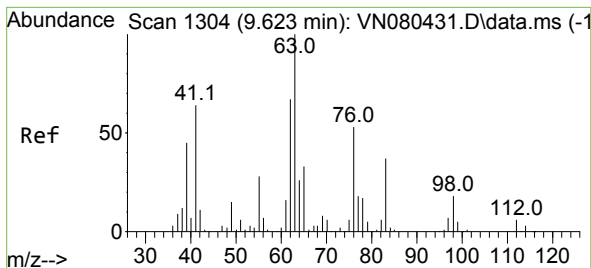
Tgt Ion: 43 Resp: 95599
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 16.8 14.6 21.8



#44
Trichloroethene
Concen: 18.964 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:130 Resp: 62011
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.785 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

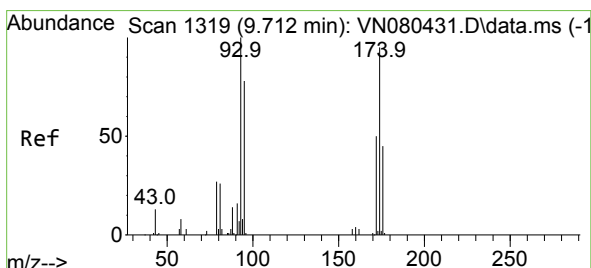
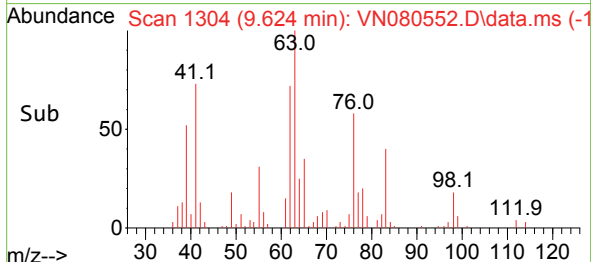
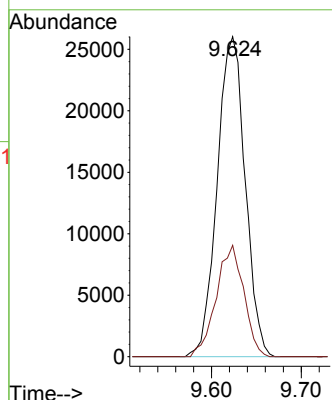
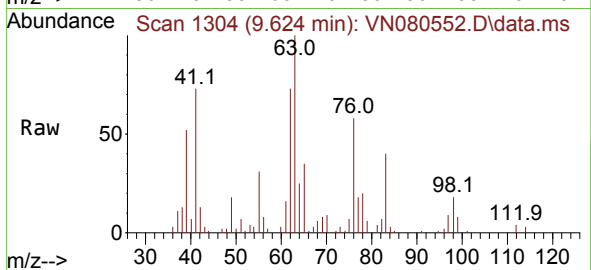
ClientSampleId :

Tgt Ion: 63 Resp: 56366

Ion Ratio Lower Upper

63 100

65 34.8 23.9 35.9



#46

Dibromomethane

Concen: 20.484 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

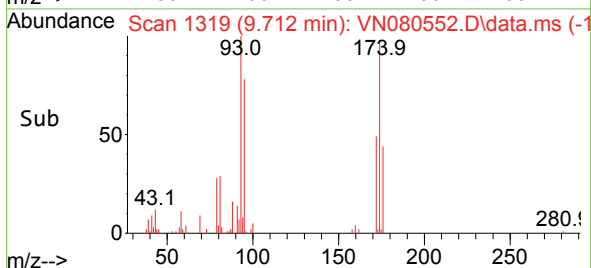
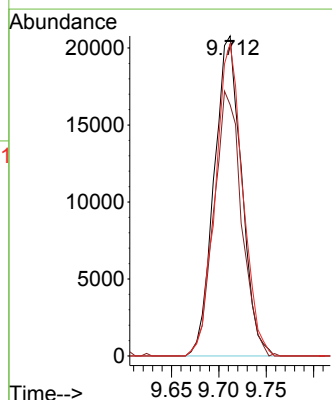
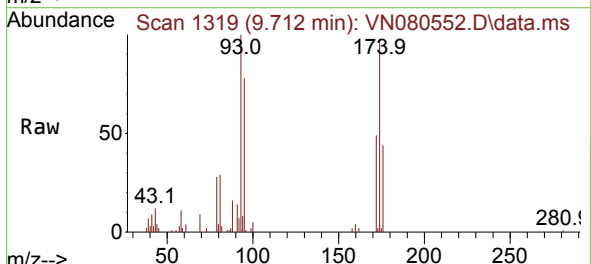
Tgt Ion: 93 Resp: 41908

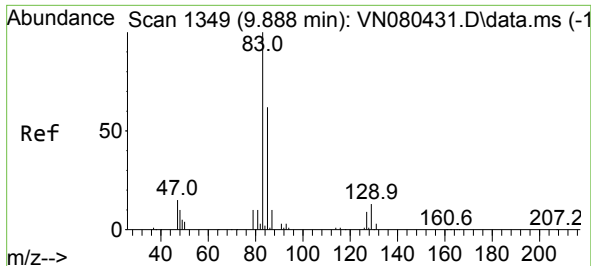
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

174 97.5 65.6 98.4

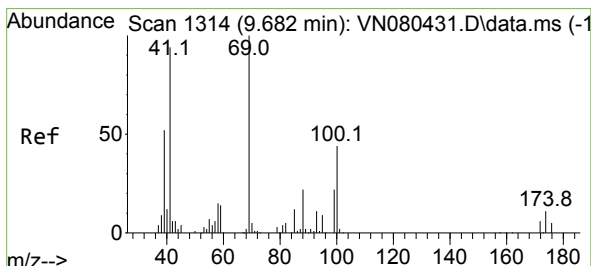
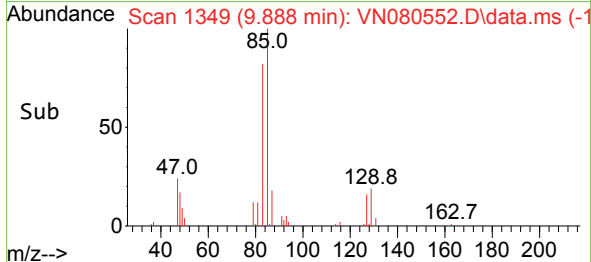
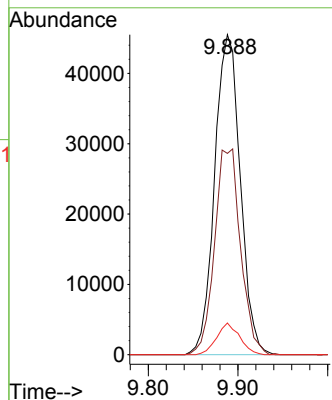
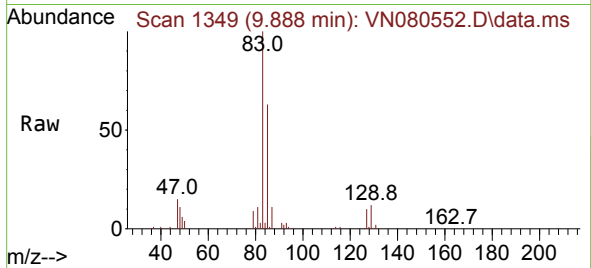




#47
Bromodichloromethane
Concen: 20.581 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

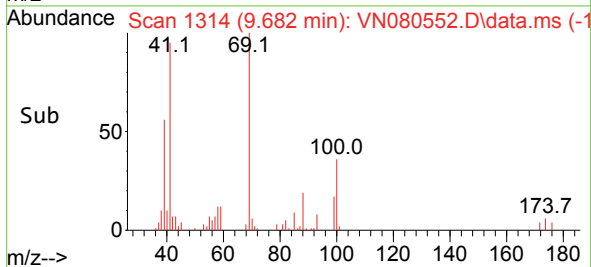
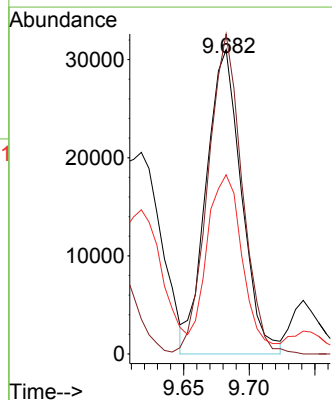
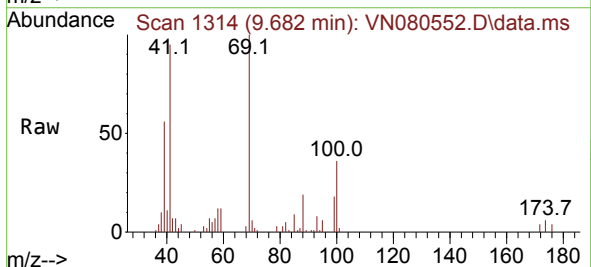
Instrument :
MSVOA_N
ClientSampleId :

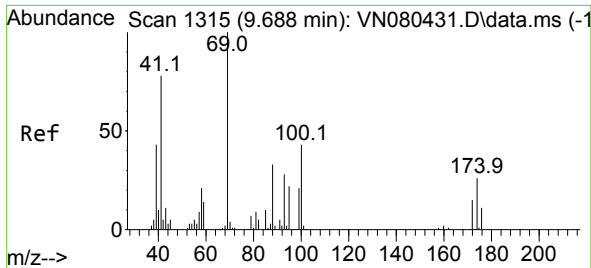
Tgt Ion: 83 Resp: 90244
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 9.9 7.0 10.6



#48
Methyl methacrylate
Concen: 20.637 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

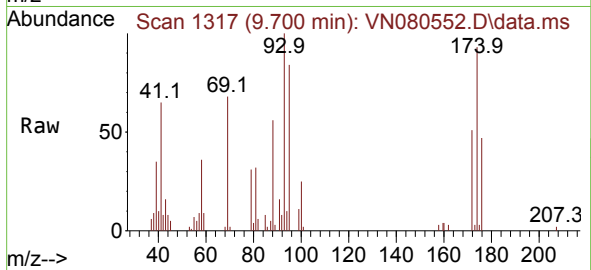
Tgt Ion: 41 Resp: 58246
Ion Ratio Lower Upper
41 100
69 101.2 90.4 135.6
39 59.3 54.6 81.8



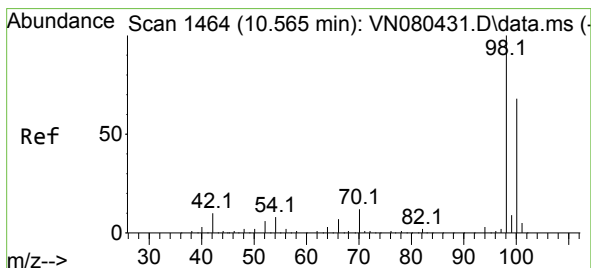
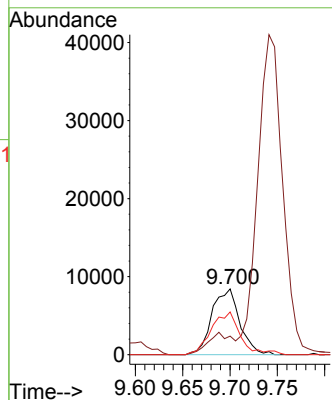
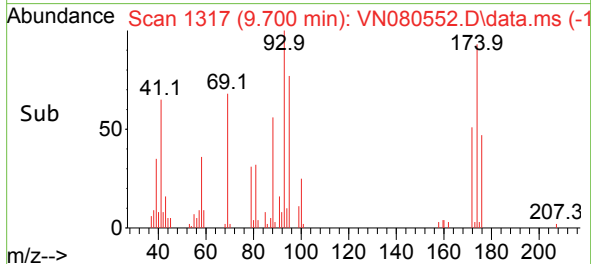


#49
1,4-Dioxane
Concen: 401.524 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

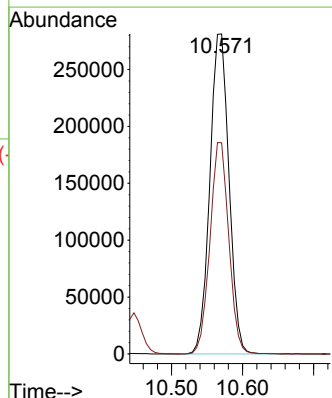
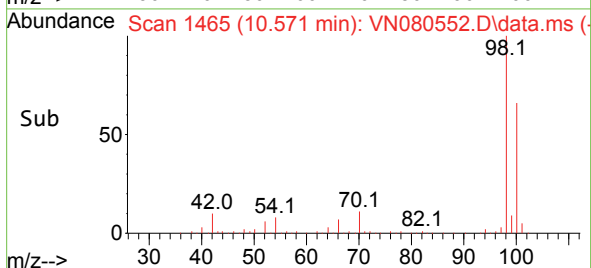
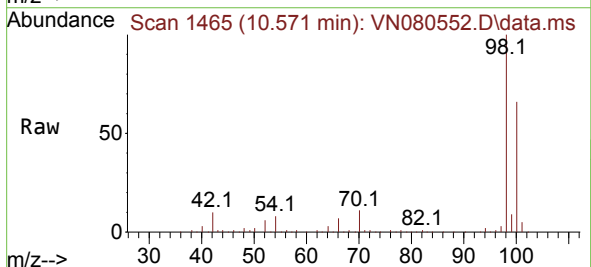


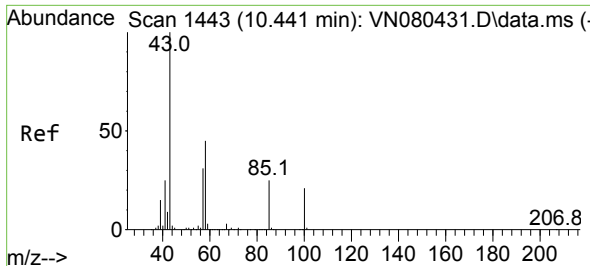
Tgt Ion: 88 Resp: 17177
Ion Ratio Lower Upper
88 100
43 29.5 17.0 25.6#
58 68.2 47.0 70.4



#50
Toluene-d8
Concen: 54.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

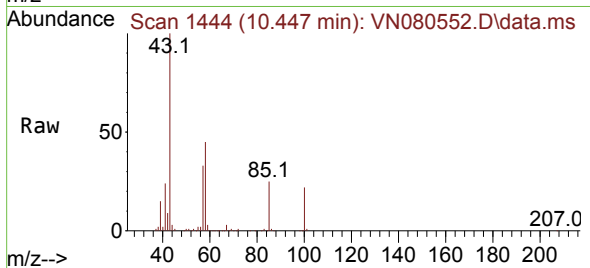
Tgt Ion: 98 Resp: 525664
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



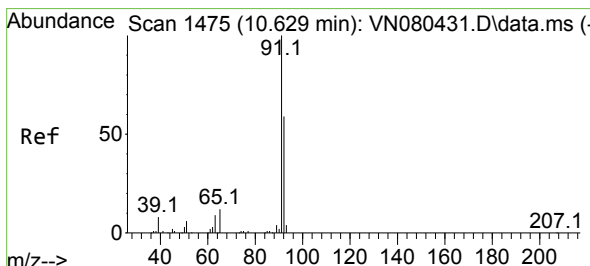
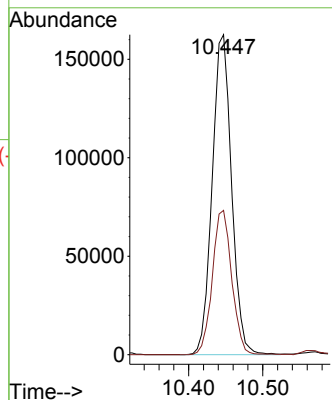
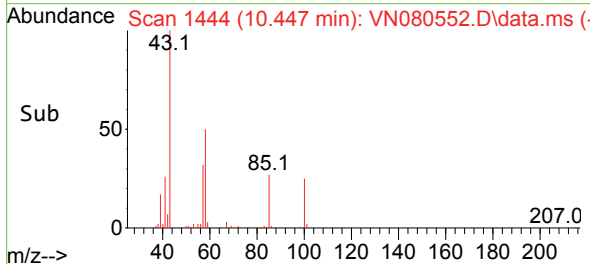


#51
4-Methyl-2-Pentanone
Concen: 113.197 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

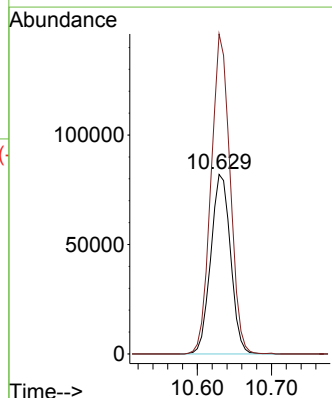
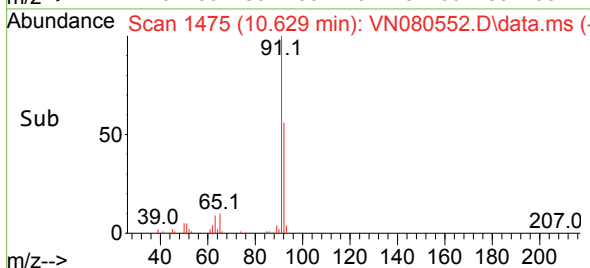
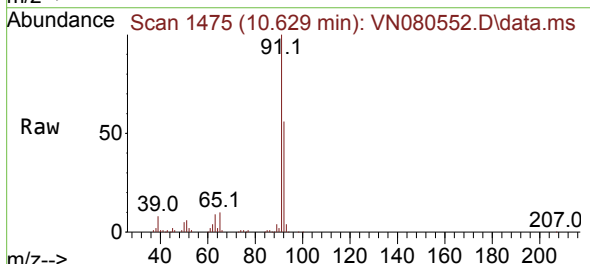


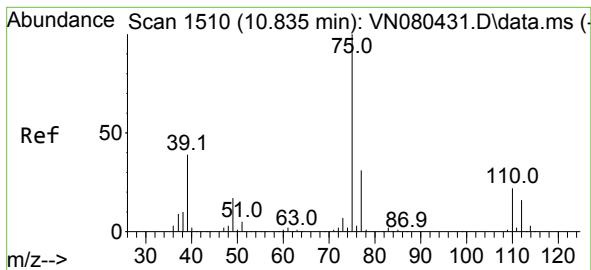
Tgt Ion: 43 Resp: 294851
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8



#52
Toluene
Concen: 19.823 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 92 Resp: 151902
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0

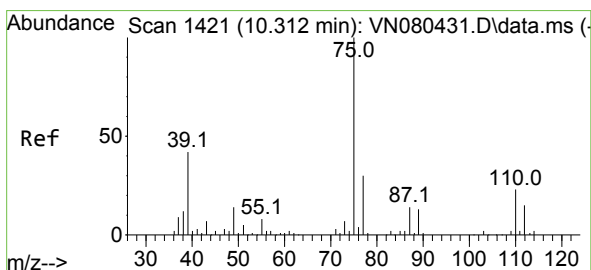
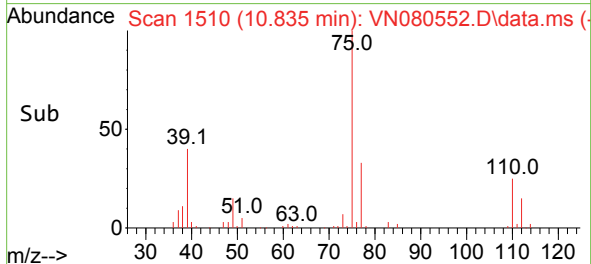
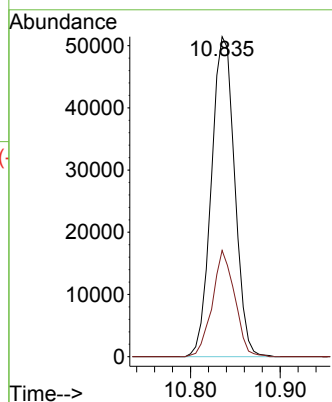
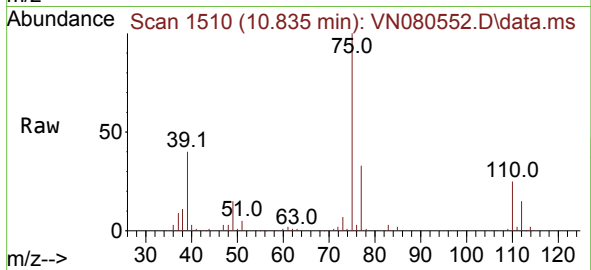




#53
 t-1,3-Dichloropropene
 Concen: 19.550 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

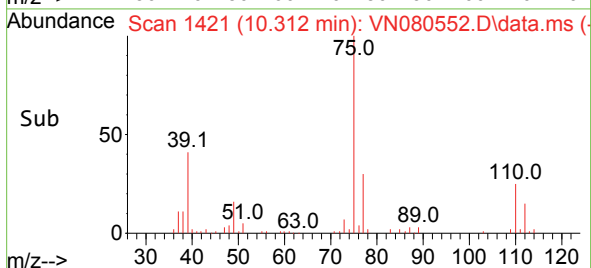
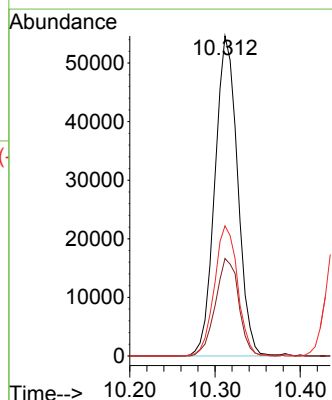
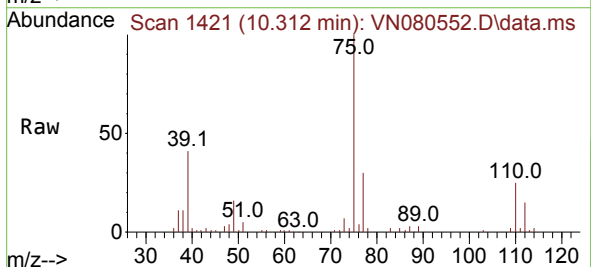
Instrument :
 MSVOA_N
 ClientSampleId :

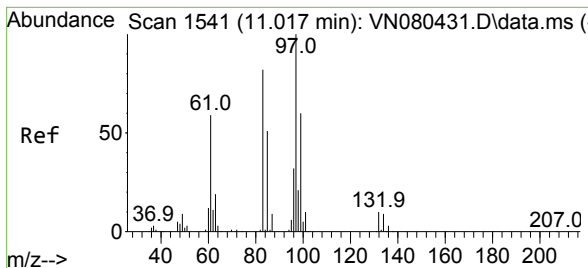
Tgt Ion: 75 Resp: 92745
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.950 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion: 75 Resp: 101163
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 40.6 31.6 47.4

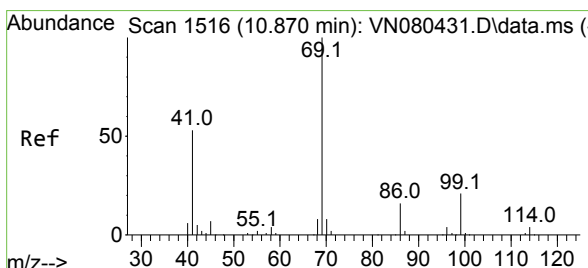
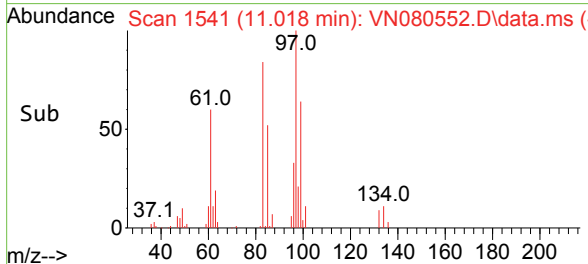
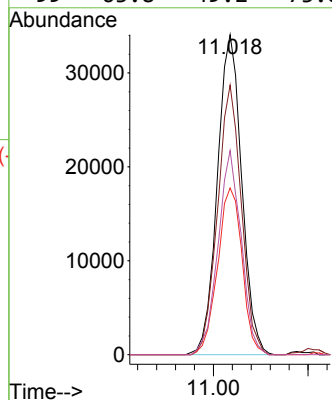
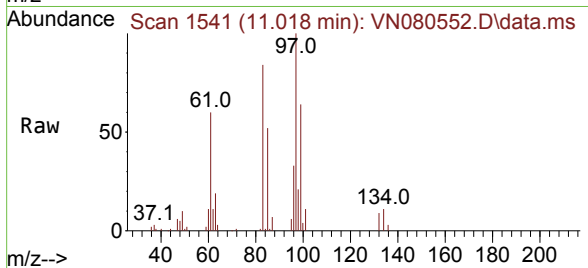




#55
1,1,2-Trichloroethane
Concen: 22.074 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

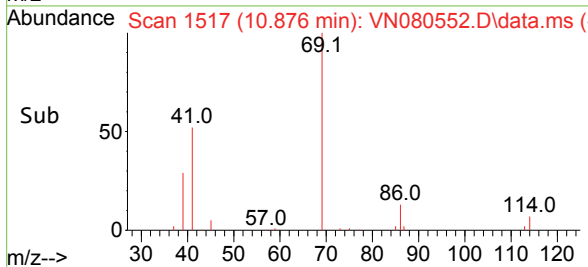
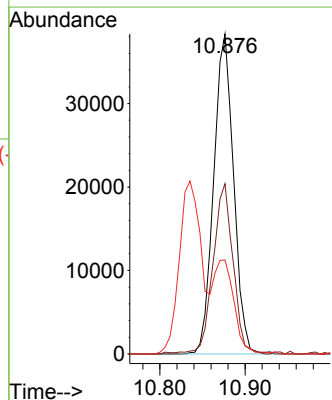
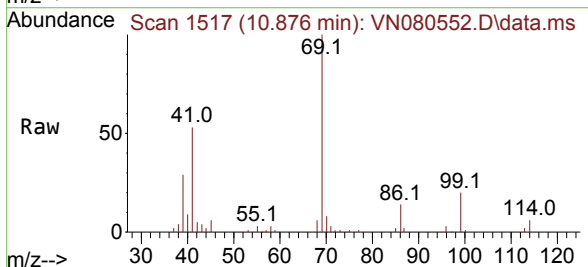
Instrument :
MSVOA_N
ClientSampleId :

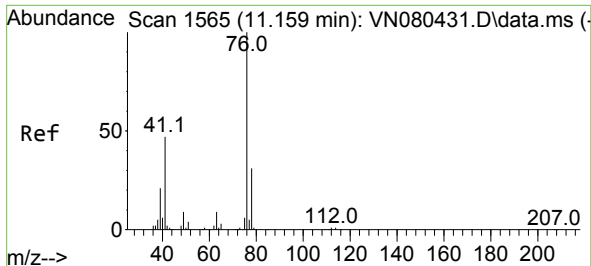
Tgt Ion:	97	Resp:	60862
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.1	97.7
85	52.1	43.4	65.2
99	63.8	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.428 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:	69	Resp:	62360
Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.6	59.4
39	29.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.111 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

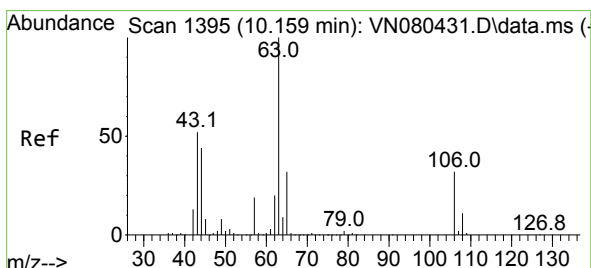
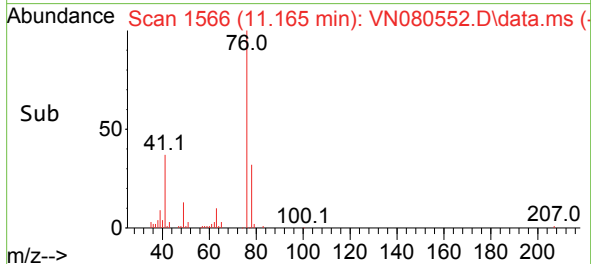
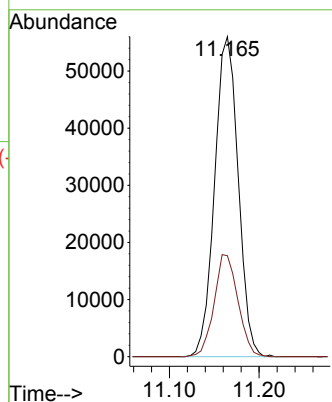
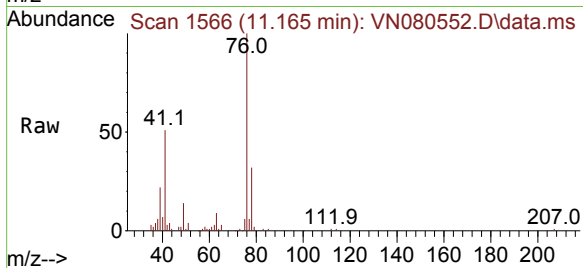
ClientSampleId :

Tgt Ion: 76 Resp: 102038

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 106.469 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080552.D

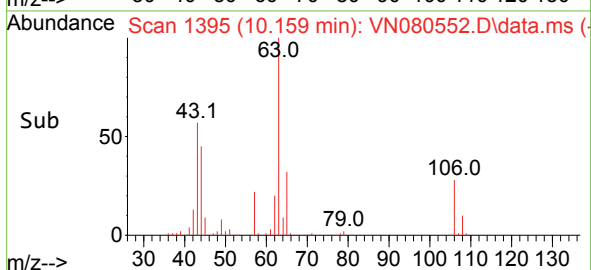
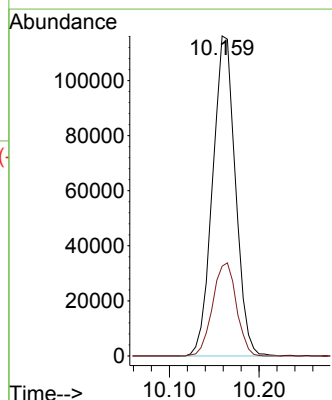
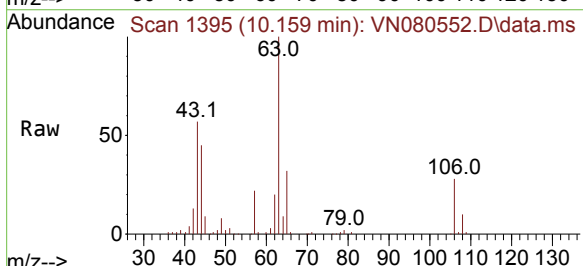
Acq: 20 Dec 2023 17:18

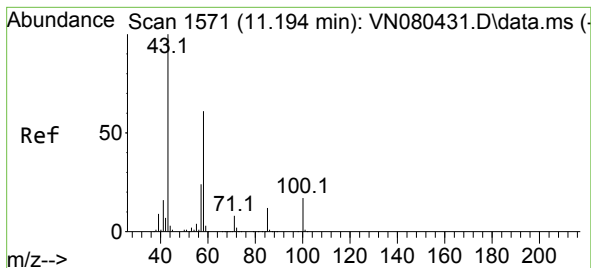
Tgt Ion: 63 Resp: 205179

Ion Ratio Lower Upper

63 100

106 30.3 26.2 39.4

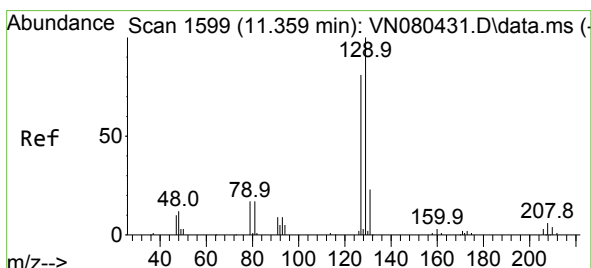
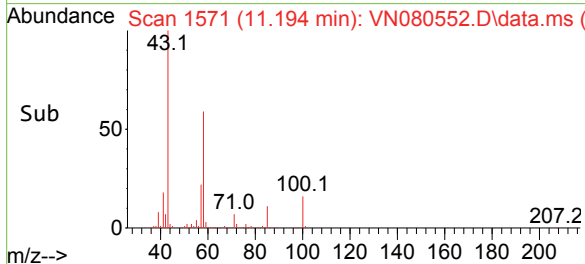
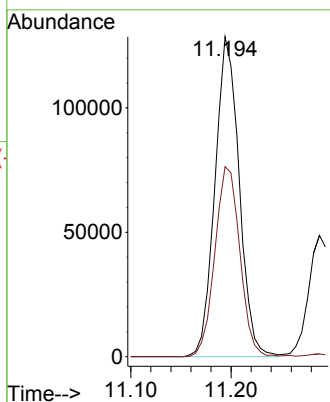
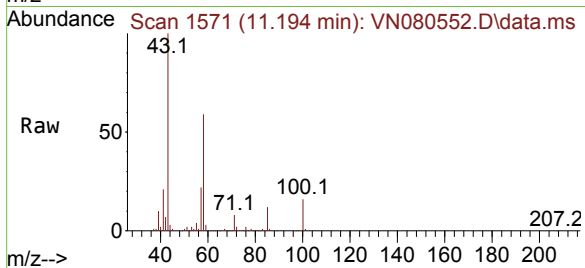




#59
2-Hexanone
Concen: 111.946 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

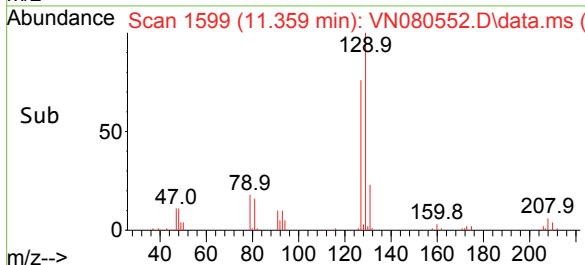
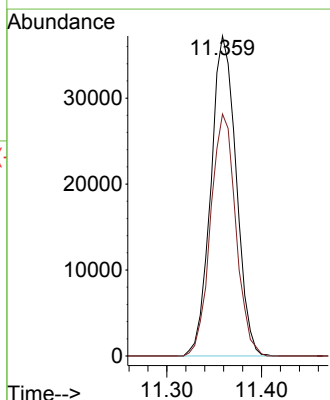
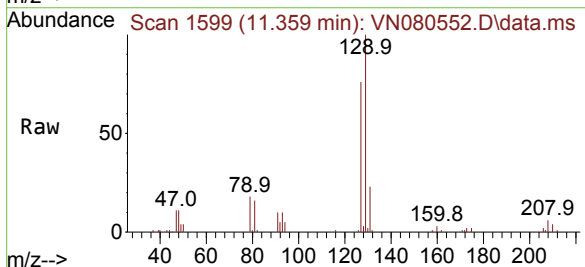
Instrument :
MSVOA_N
ClientSampleId :

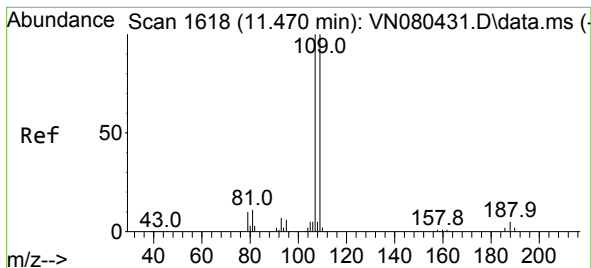
Tgt Ion: 43 Resp: 215267
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1



#60
Dibromochloromethane
Concen: 21.149 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:129 Resp: 69099
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0

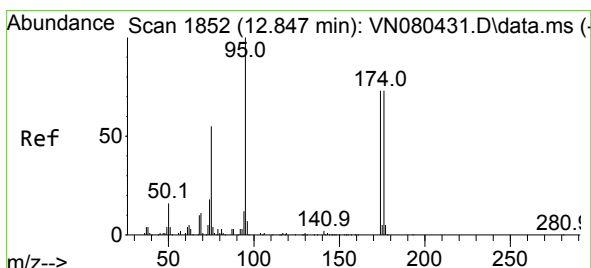
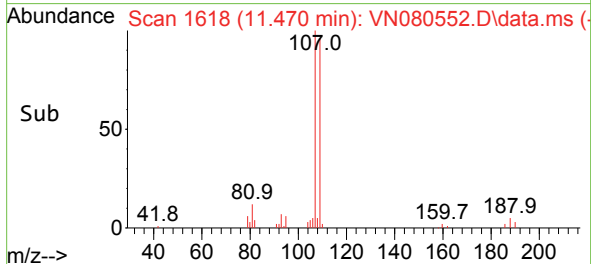
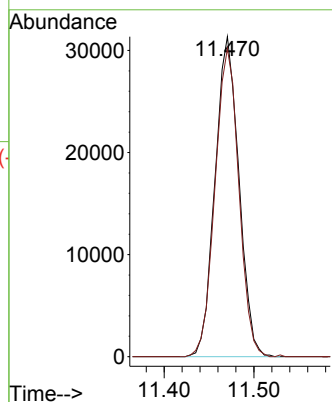
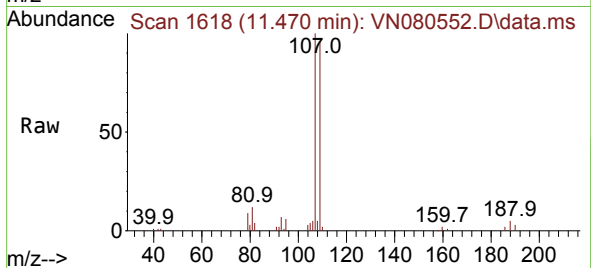




#61
1,2-Dibromoethane
Concen: 20.304 ug/l
RT: 11.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

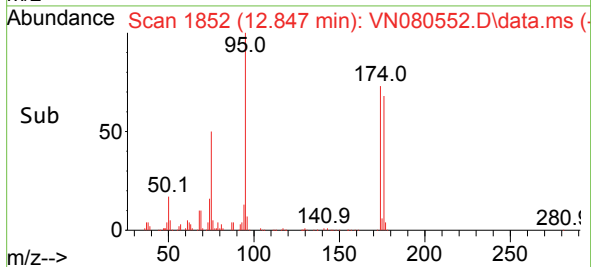
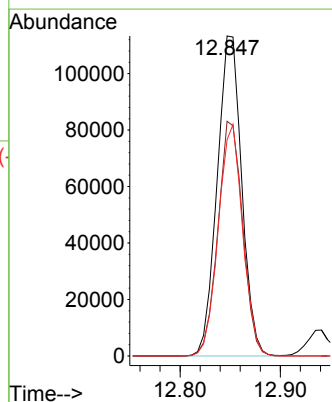
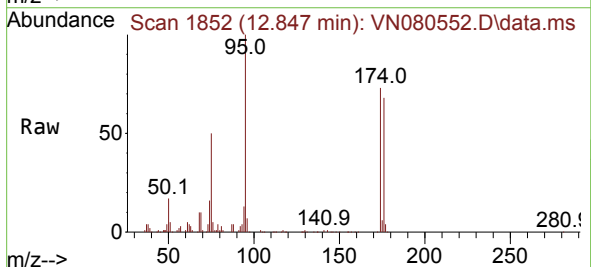
Instrument :
MSVOA_N
ClientSampleId :

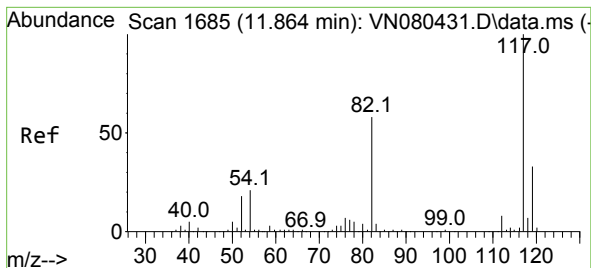
Tgt Ion:107 Resp: 57941
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 95 Resp: 192968
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

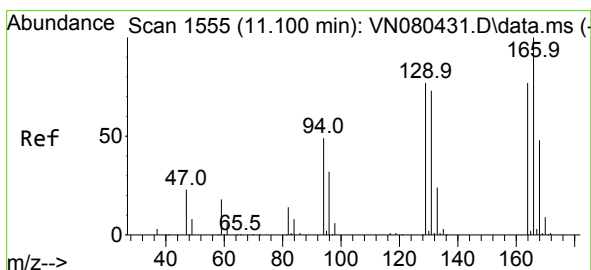
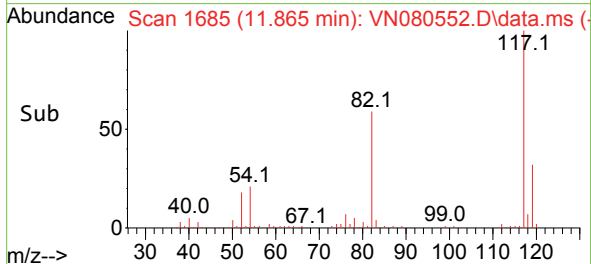
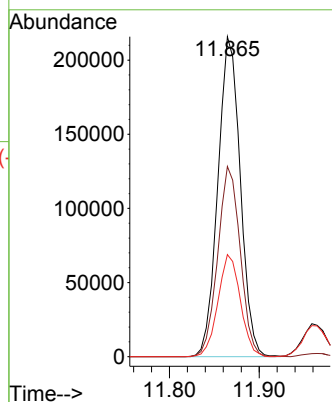
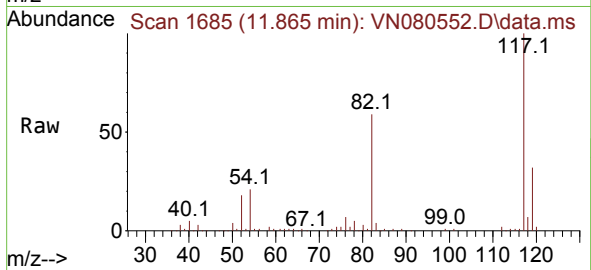
Tgt Ion:117 Resp: 374402

Ion Ratio Lower Upper

117 100

82 59.5 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 18.144 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion:164 Resp: 52450

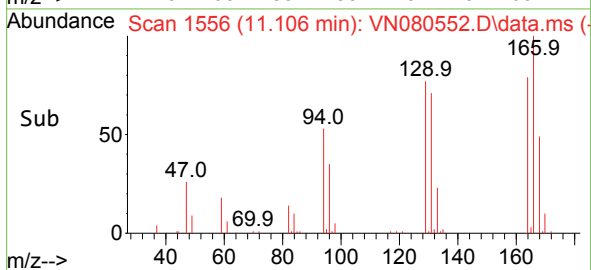
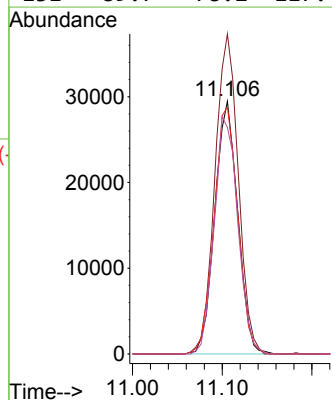
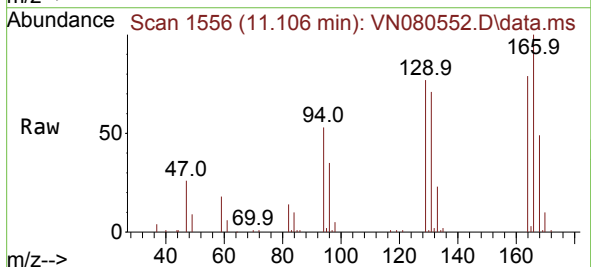
Ion Ratio Lower Upper

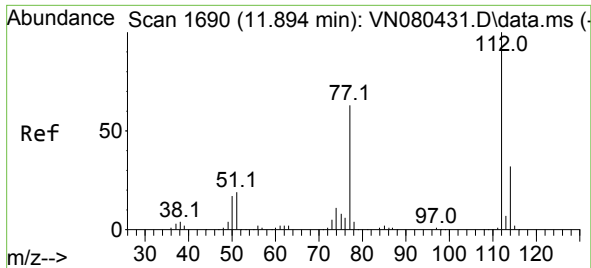
164 100

166 126.7 101.4 152.0

129 97.8 82.4 123.6

131 89.7 78.2 117.4

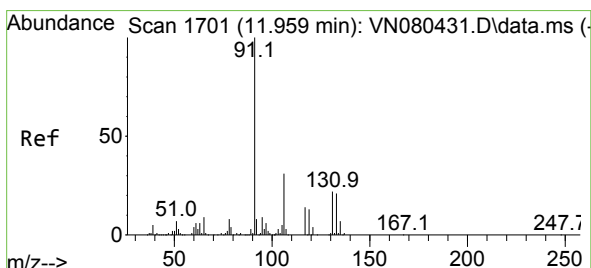
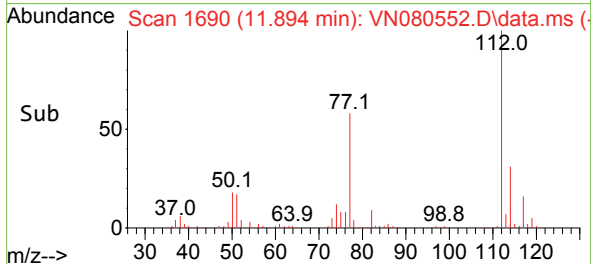
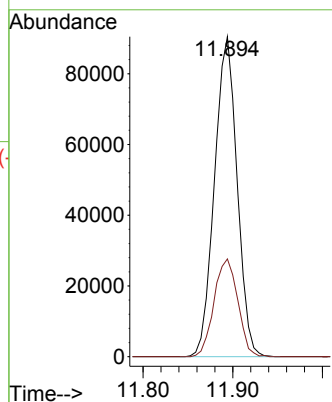
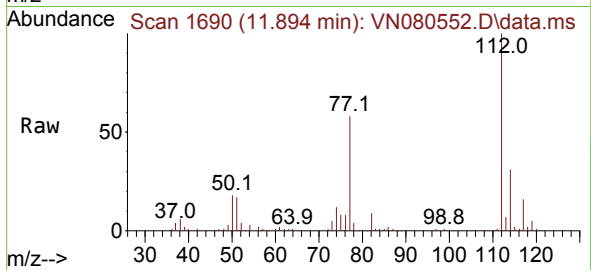




#65
Chlorobenzene
Concen: 18.983 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

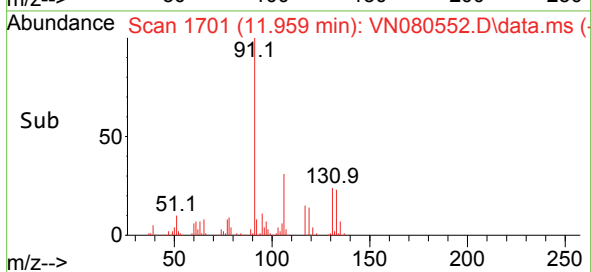
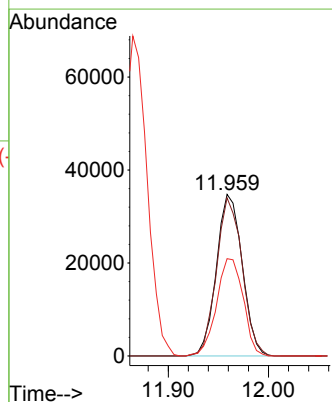
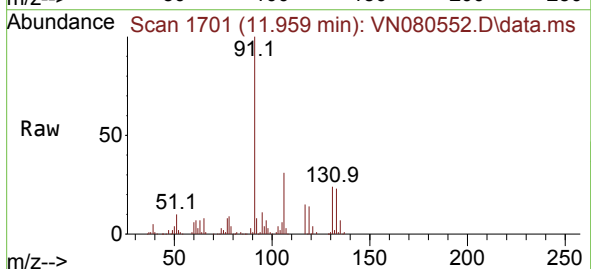
Instrument :
MSVOA_N
ClientSampleId :

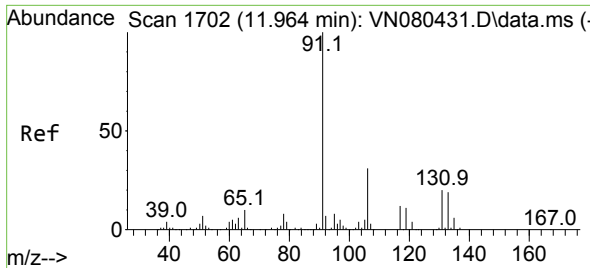
Tgt Ion:112 Resp: 158103
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.050 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:131 Resp: 62257
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 62.0 34.1 102.2

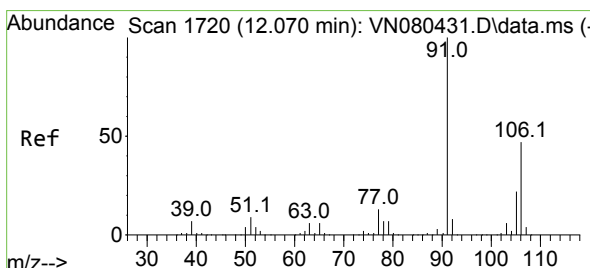
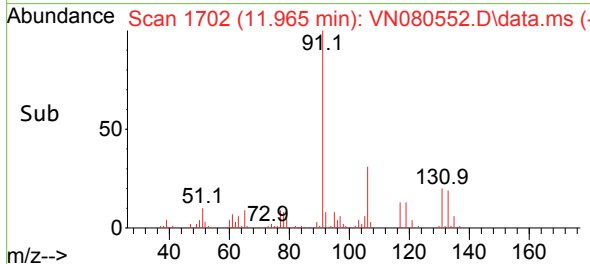
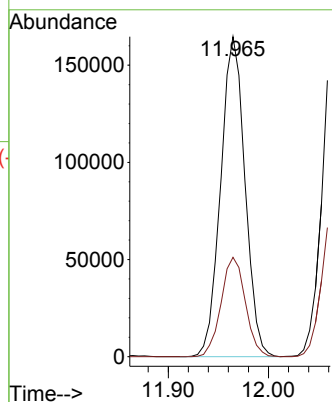
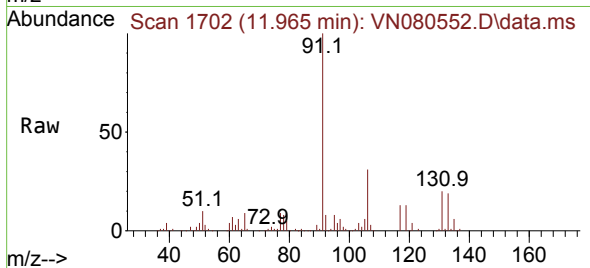




#67
Ethyl Benzene
Concen: 18.088 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

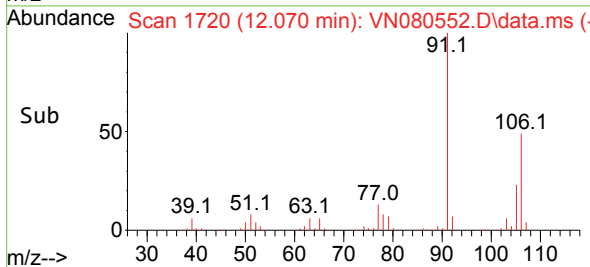
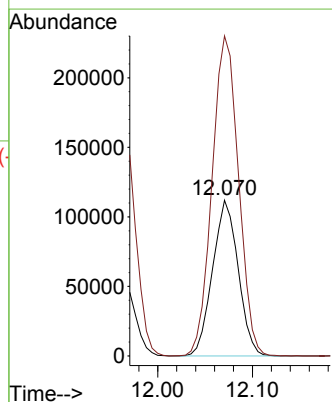
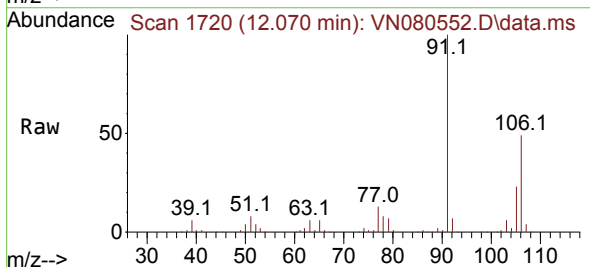
Instrument :
MSVOA_N
ClientSampleId :

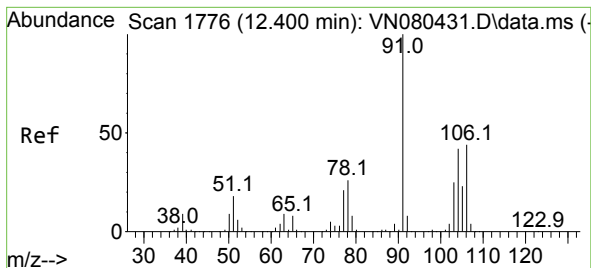
Tgt Ion: 91 Resp: 277012
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 37.158 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:106 Resp: 210274
Ion Ratio Lower Upper
106 100
91 212.6 159.6 239.4





#69

o-Xylene

Concen: 18.200 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

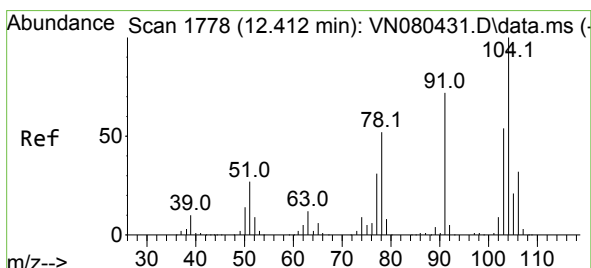
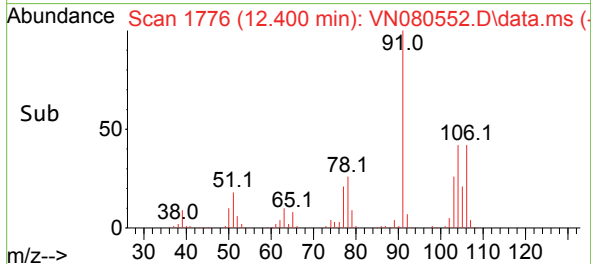
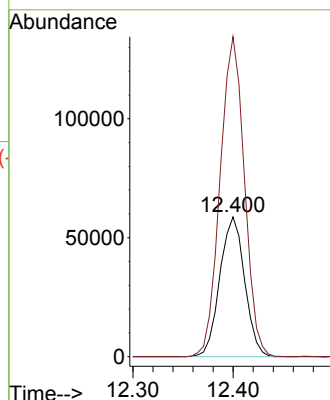
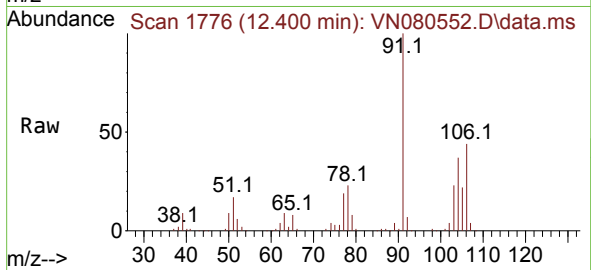
ClientSampleId :

Tgt Ion:106 Resp: 100738

Ion Ratio Lower Upper

106 100

91 225.0 105.2 315.5



#70

Styrene

Concen: 18.184 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

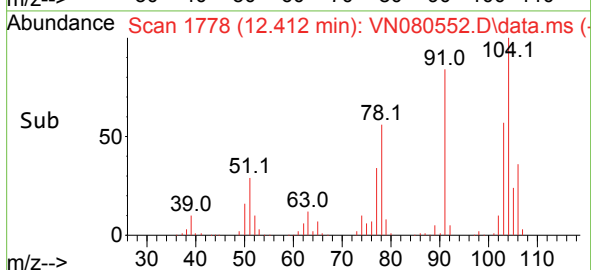
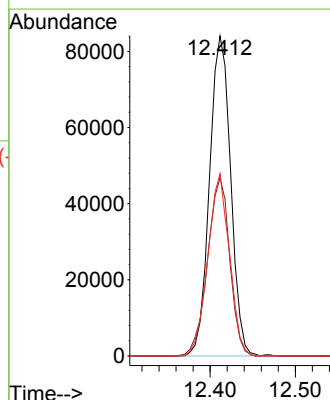
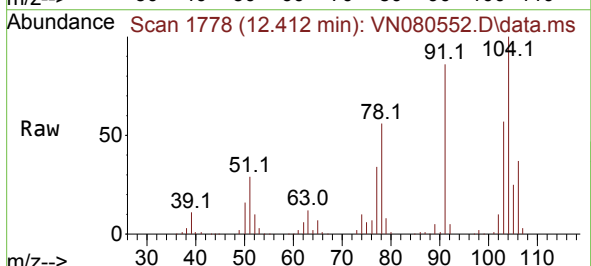
Tgt Ion:104 Resp: 144983

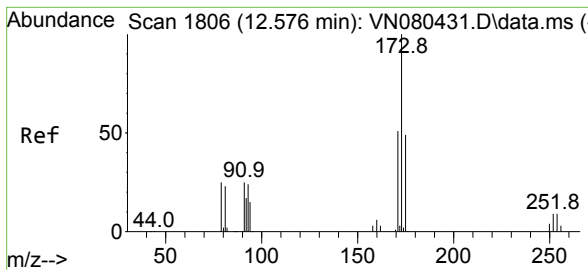
Ion Ratio Lower Upper

104 100

78 58.2 39.5 59.3

103 58.1 43.2 64.8

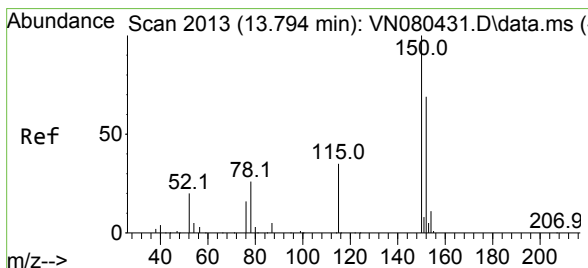
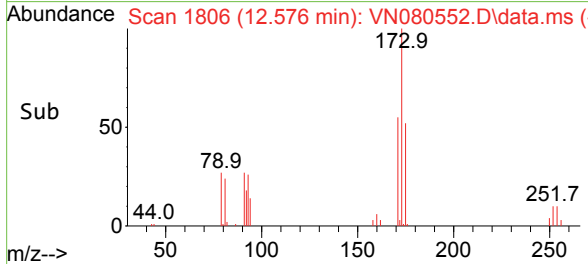
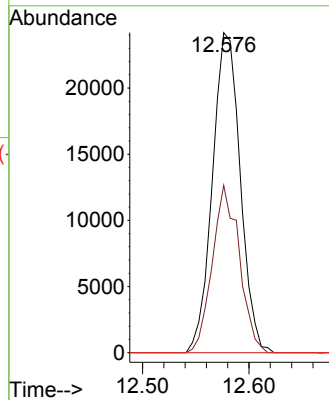
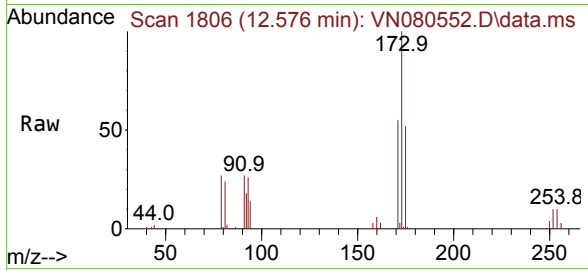




#71
Bromoform
Concen: 18.389 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

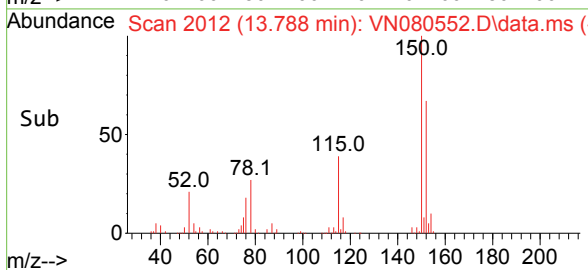
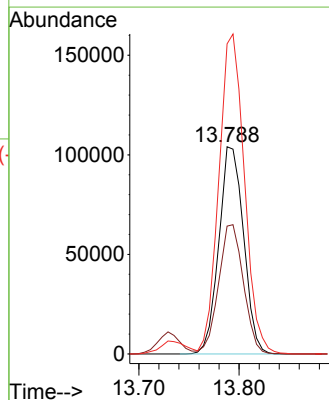
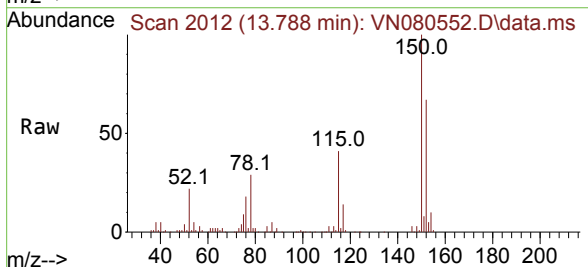
Instrument :
MSVOA_N
ClientSampleId :

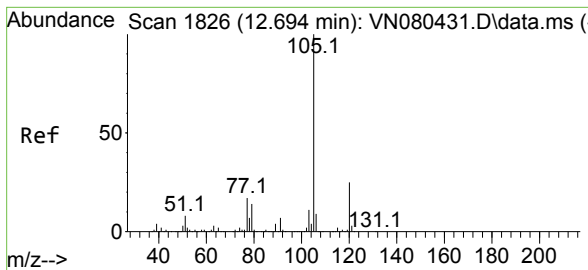
Tgt Ion:173 Resp: 43825
Ion Ratio Lower Upper
173 100
175 50.8 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:152 Resp: 177815
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 159.3 0.0 355.8





#73

Isopropylbenzene

Concen: 18.401 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

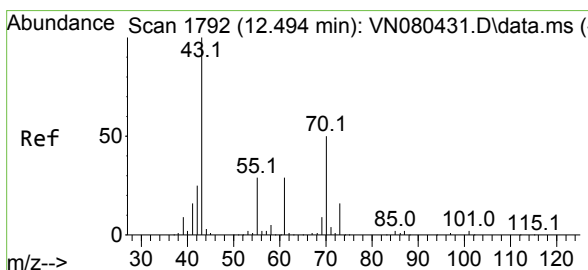
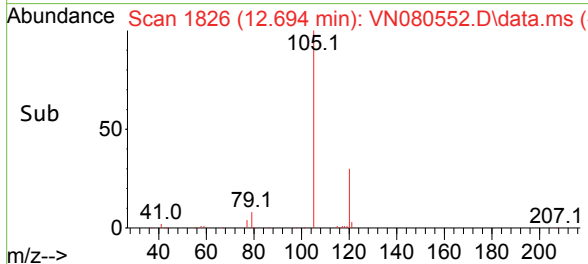
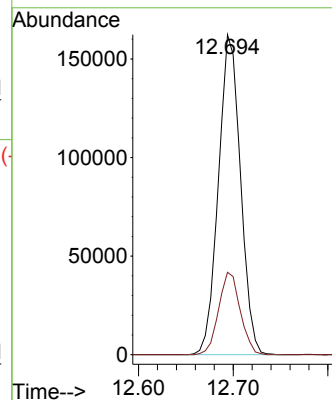
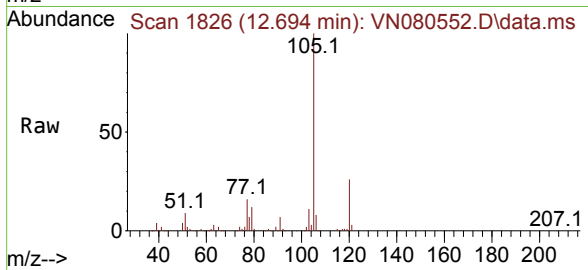
ClientSampleId :

Tgt Ion:105 Resp: 262852

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 18.691 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Tgt Ion: 43 Resp: 77965

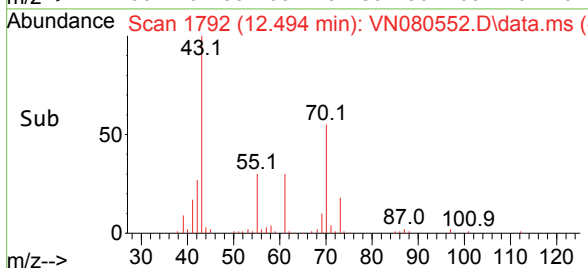
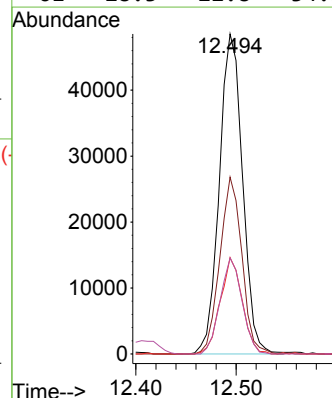
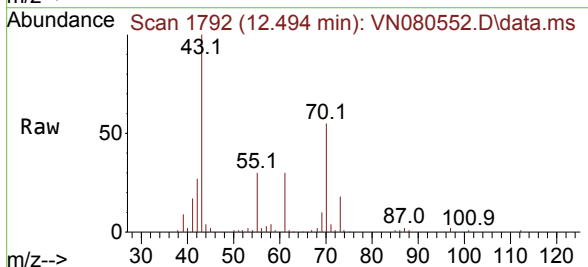
Ion Ratio Lower Upper

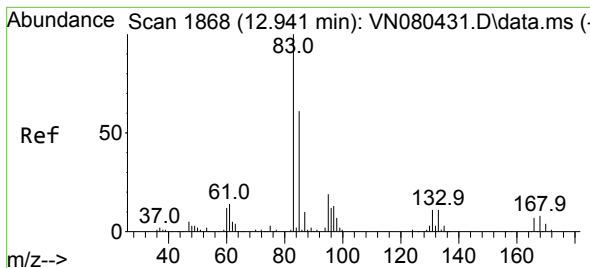
43 100

70 52.3 43.4 65.2

55 28.5 21.4 32.0

61 28.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

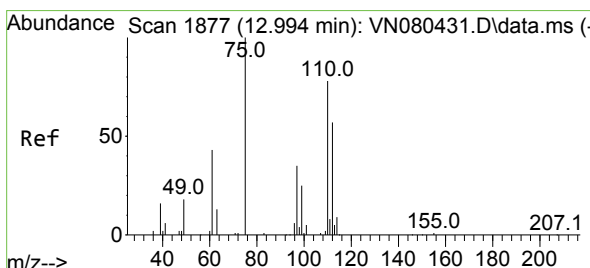
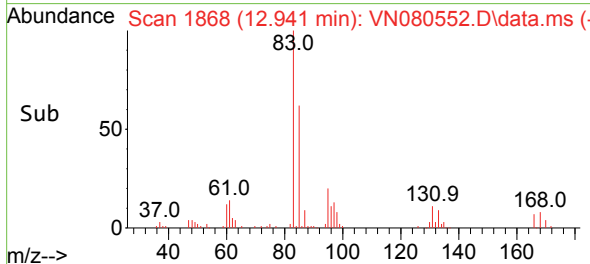
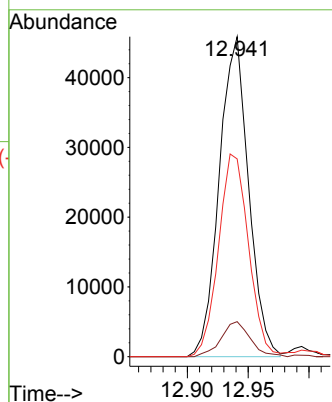
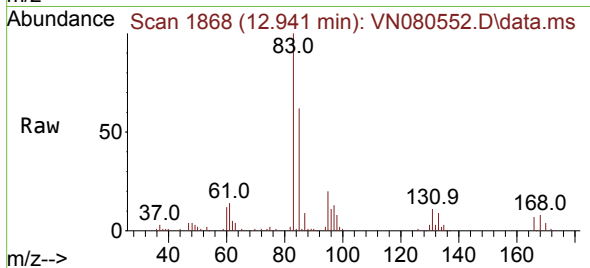
Tgt Ion: 83 Resp: 76902

Ion Ratio Lower Upper

83 100

131 10.9 5.0 15.0

85 64.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.452 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080552.D

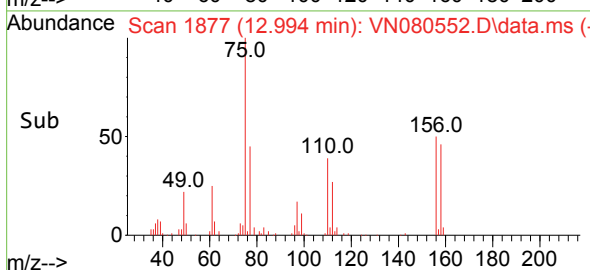
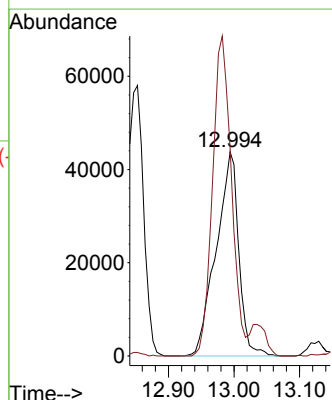
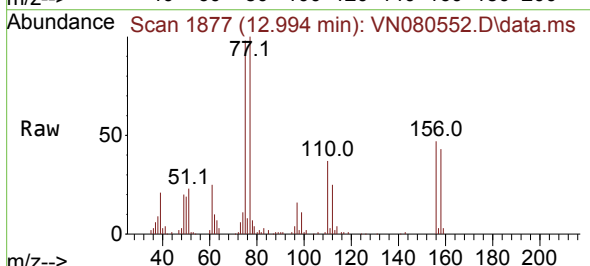
Acq: 20 Dec 2023 17:18

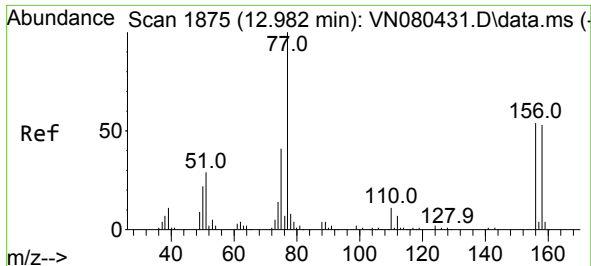
Tgt Ion: 75 Resp: 104477

Ion Ratio Lower Upper

75 100

77 131.0 84.5 253.5

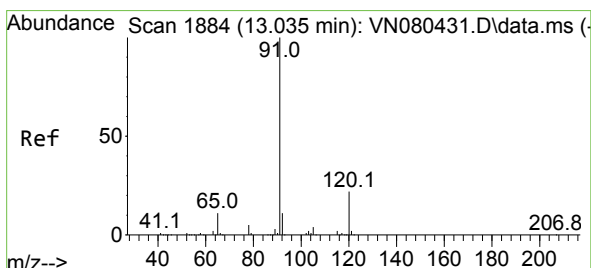
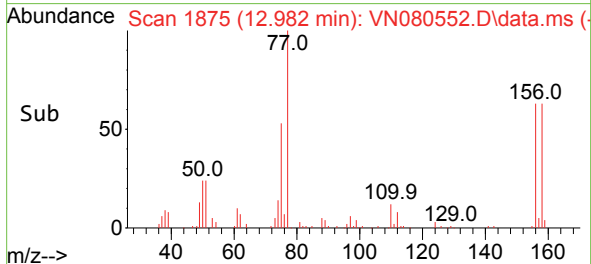
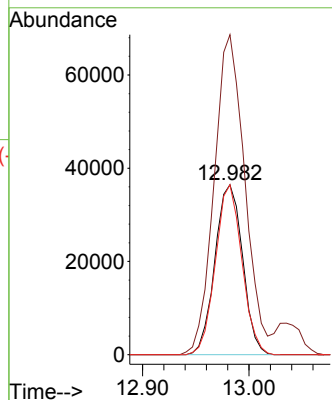
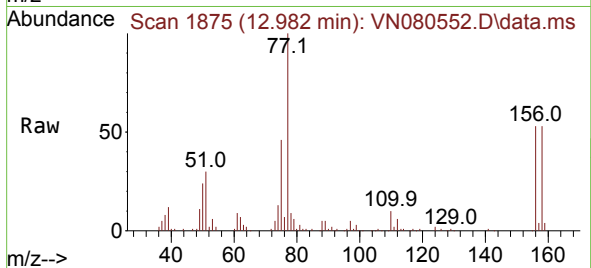




#77
Bromobenzene
Concen: 18.673 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

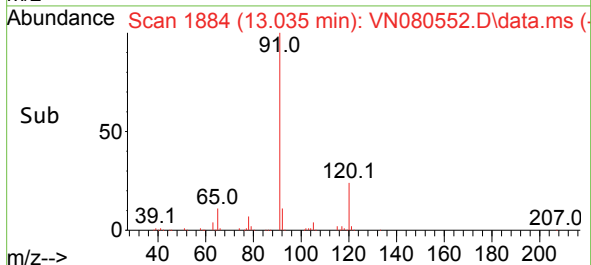
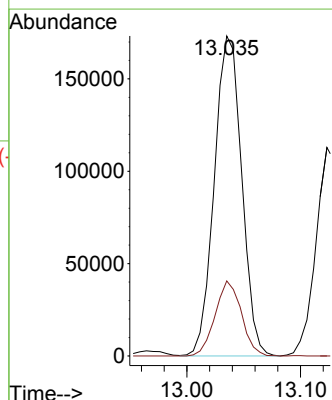
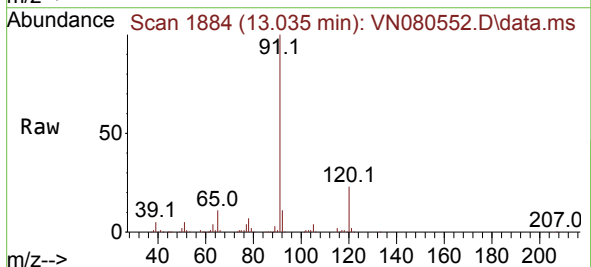
Instrument :
MSVOA_N
ClientSampleId :

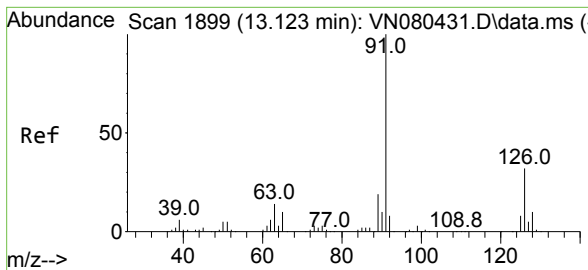
Tgt Ion:156 Resp: 65617
Ion Ratio Lower Upper
156 100
77 208.5 107.7 323.3
158 95.9 48.4 145.3



#78
n-propylbenzene
Concen: 18.447 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 91 Resp: 290532
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

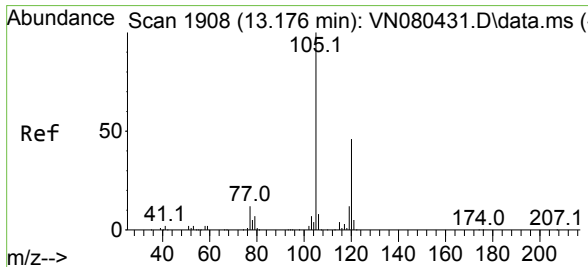
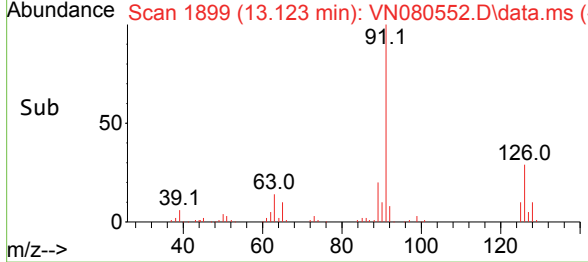
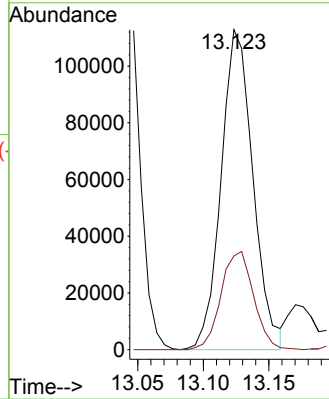
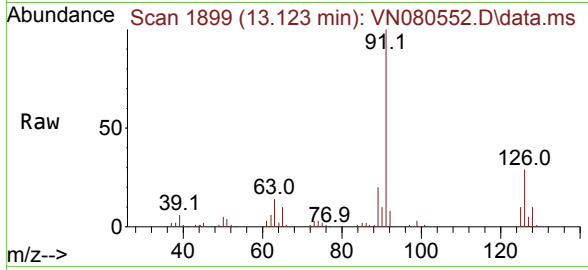




#79
2-Chlorotoluene
Concen: 18.555 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

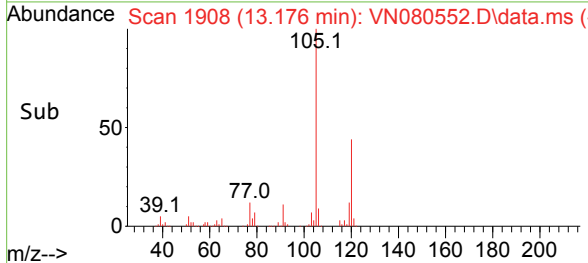
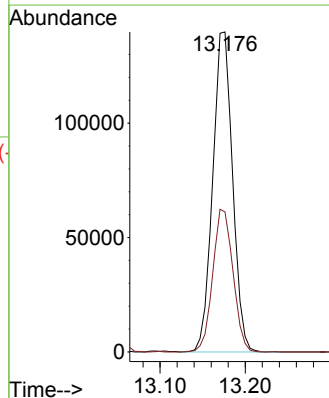
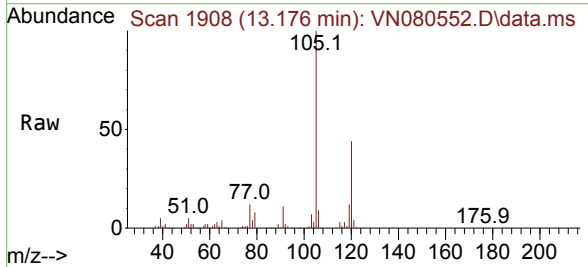
Instrument :
MSVOA_N
ClientSampleId :

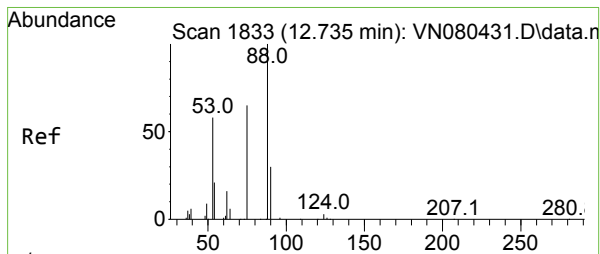
Tgt Ion: 91 Resp: 190785
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.447 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 105 Resp: 226939
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3

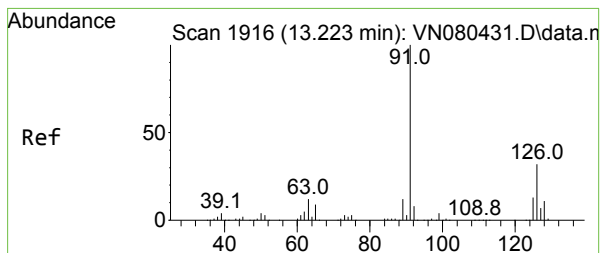
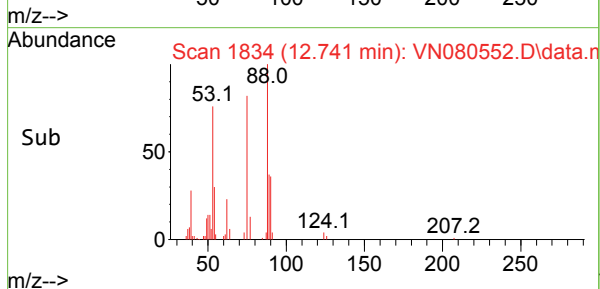
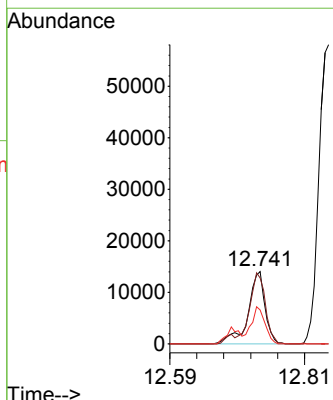
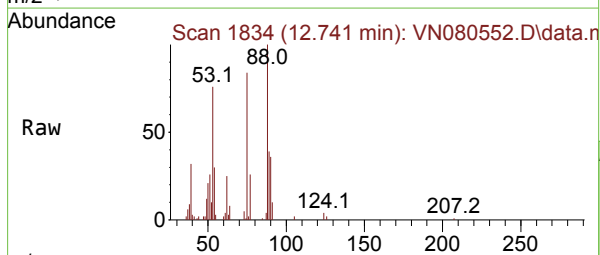




#81
trans-1,4-Dichloro-2-butene
Concen: 19.906 ug/l
RT: 12.741 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

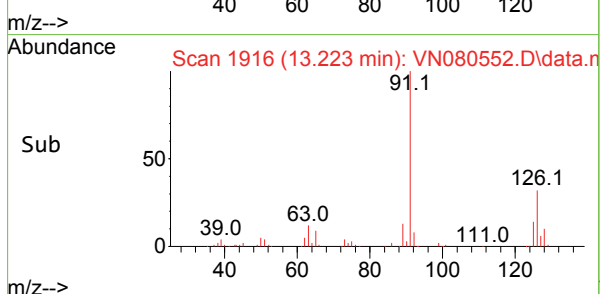
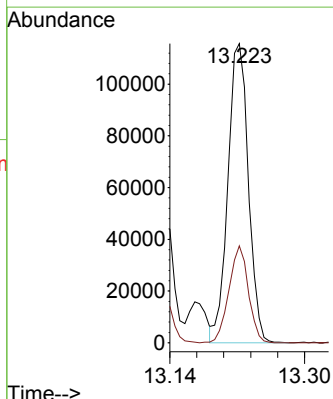
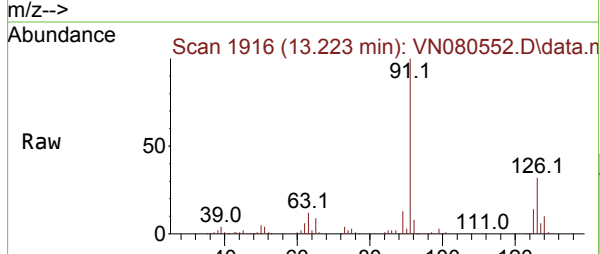
Instrument :
MSVOA_N
ClientSampleId :

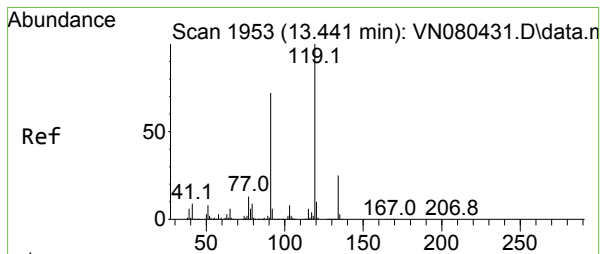
Tgt Ion: 75 Resp: 26895
Ion Ratio Lower Upper
75 100
53 91.3 67.4 101.2
89 42.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.454 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion: 91 Resp: 195029
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0

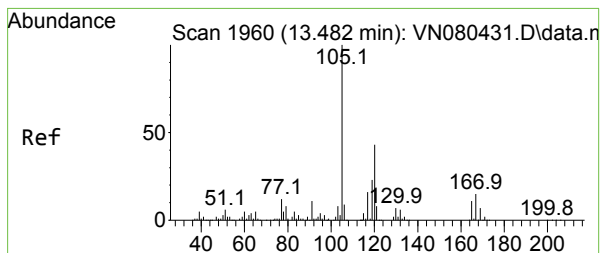
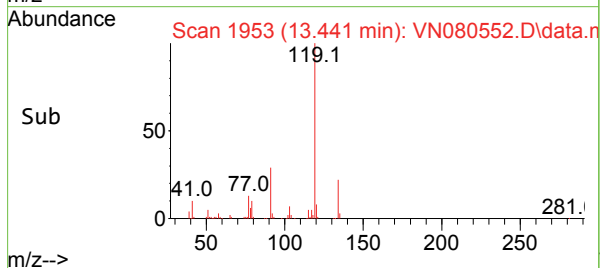
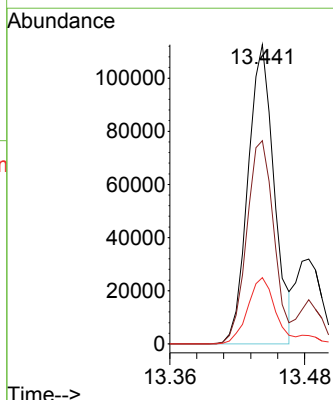
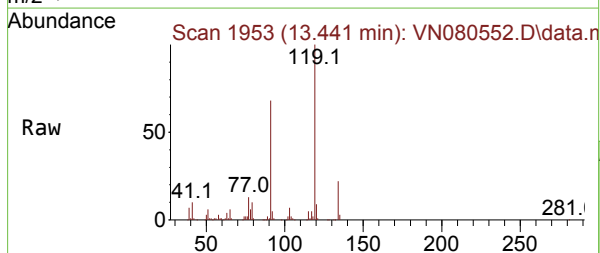




#83
tert-Butylbenzene
Concen: 18.082 ug/l
RT: 13.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

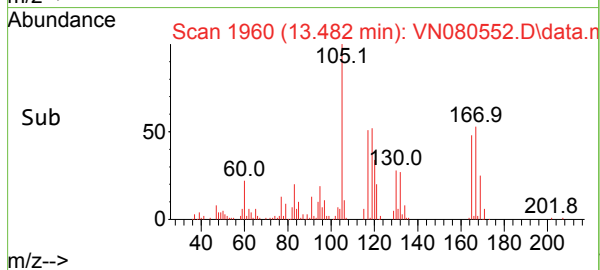
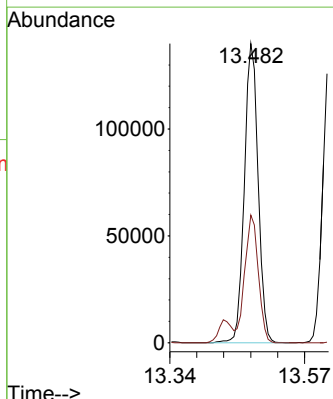
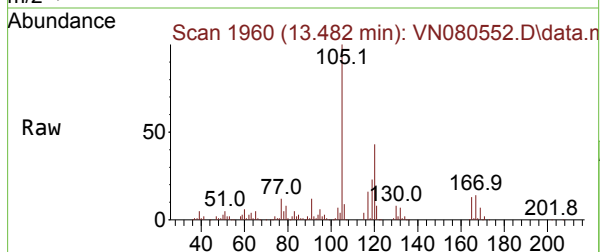
Instrument :
MSVOA_N
ClientSampleId :

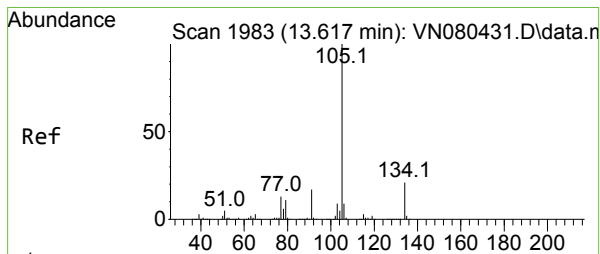
Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.3	33.9	101.7
134	23.3	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.631 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.0	66.0

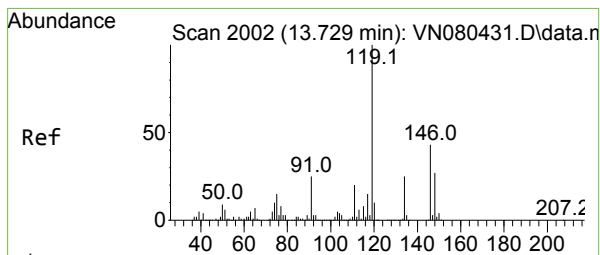
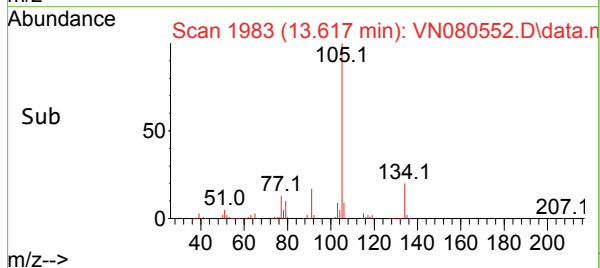
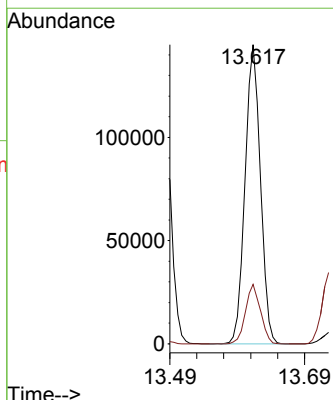
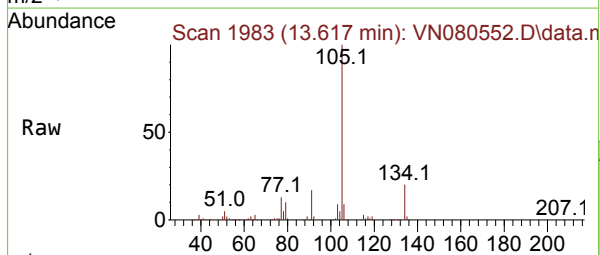




#85
 sec-Butylbenzene
 Concen: 17.777 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

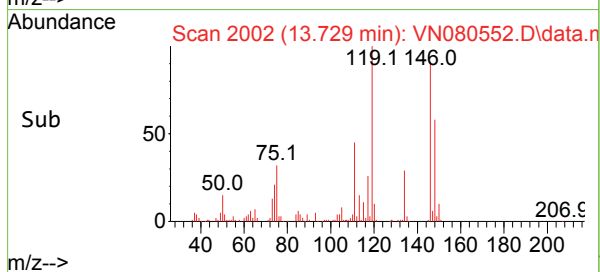
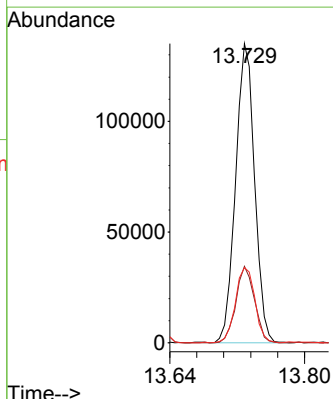
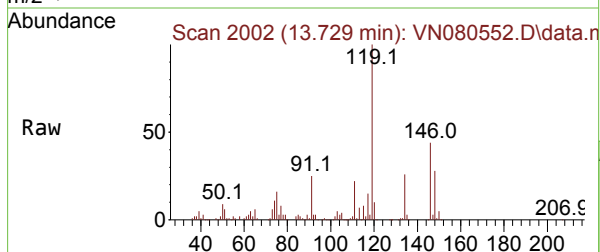
Instrument :
 MSVOA_N
 ClientSampleId :

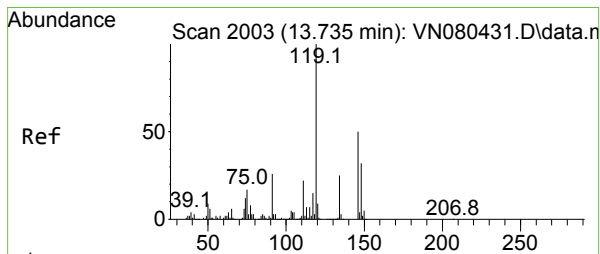
Tgt Ion:105 Resp: 229119
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.138 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion:119 Resp: 211081
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.9 12.4 37.2

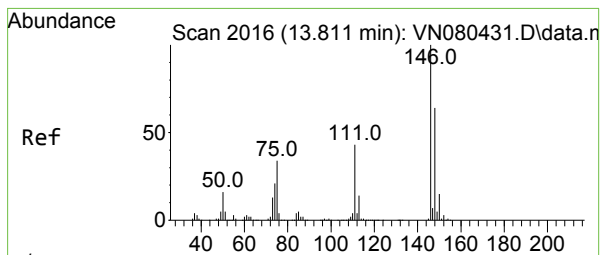
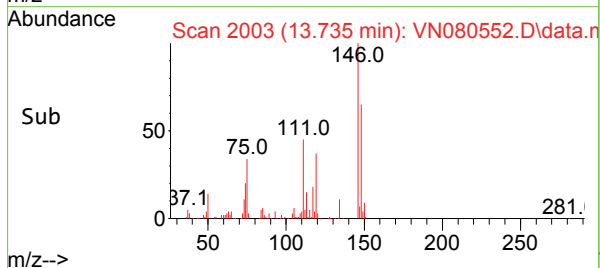
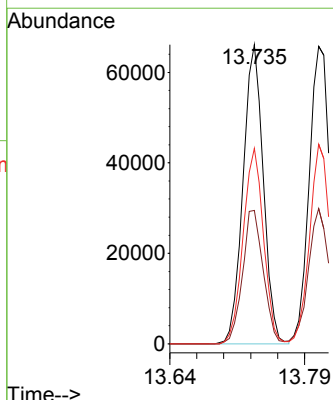
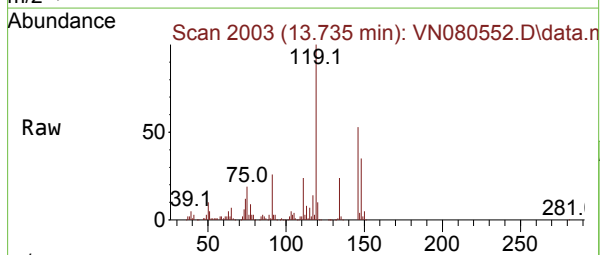




#87
 1,3-Dichlorobenzene
 Concen: 17.805 ug/l
 RT: 13.735 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

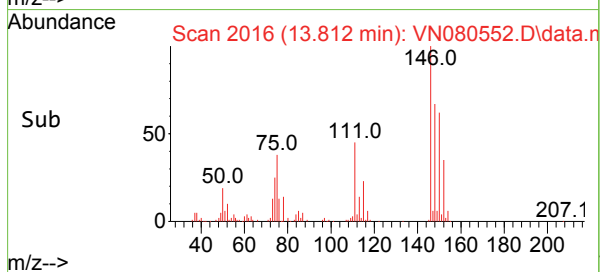
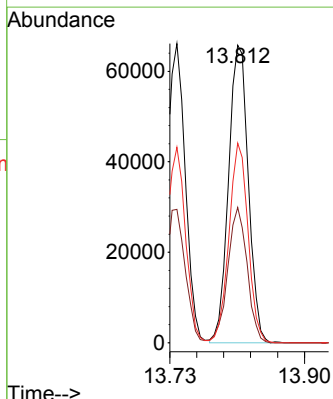
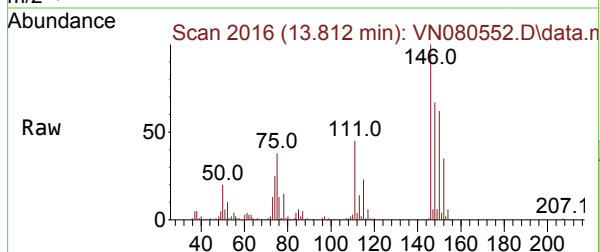
Instrument :
 MSVOA_N
 ClientSampleId :

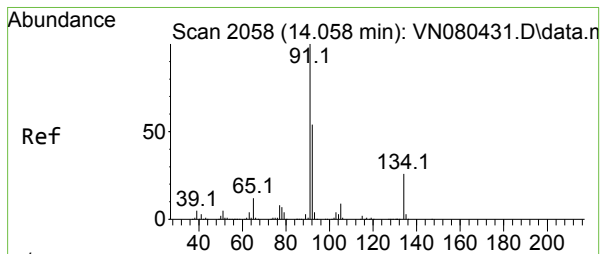
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.1	66.3
148	65.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.208 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.6	61.8
148	64.9	31.6	94.8

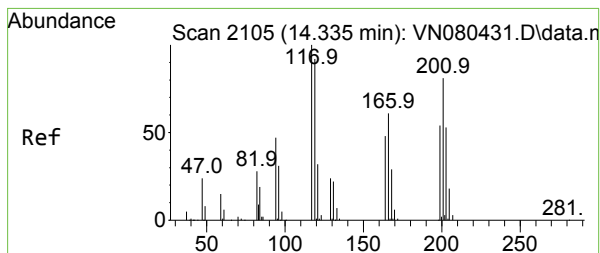
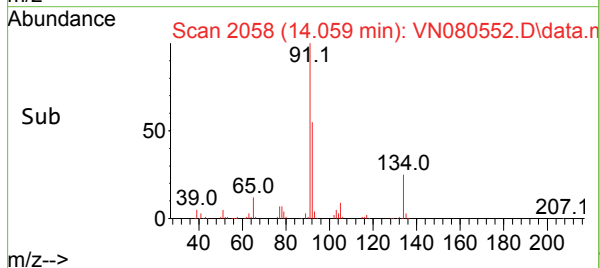
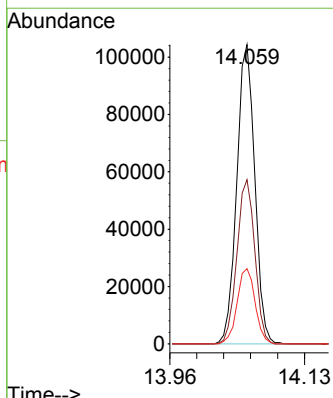
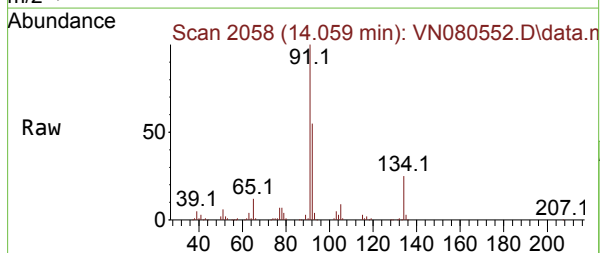




#89
n-Butylbenzene
Concen: 16.973 ug/l
RT: 14.059 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

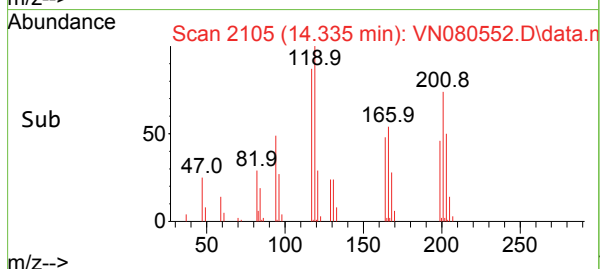
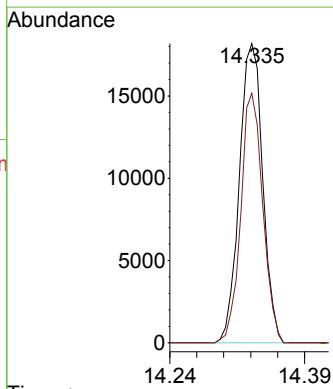
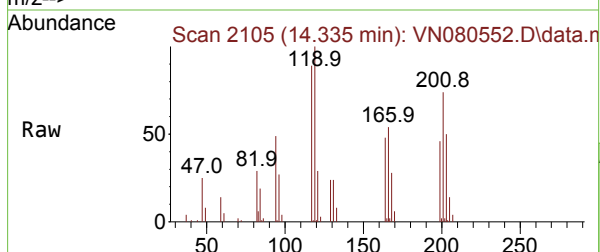
Instrument :
MSVOA_N
ClientSampleId :

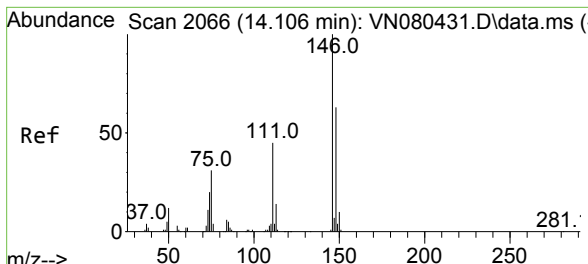
Tgt Ion: 91 Resp: 164945
Ion Ratio Lower Upper
91 100
92 54.5 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 17.739 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:117 Resp: 32784
Ion Ratio Lower Upper
117 100
201 78.6 29.3 88.0

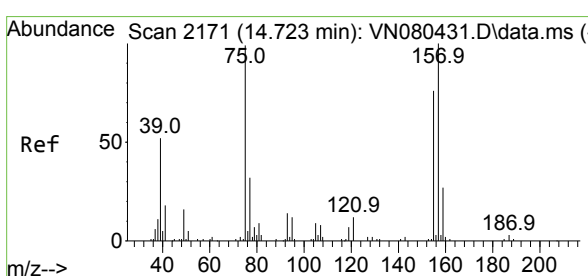
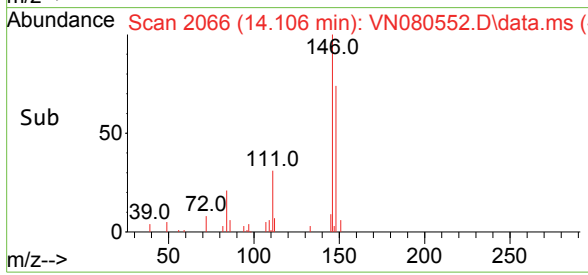
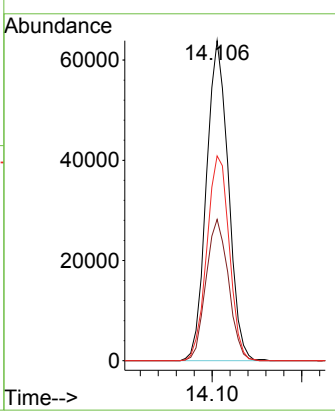
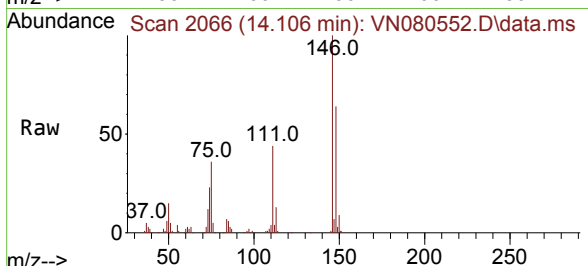




#91
 1,2-Dichlorobenzene
 Concen: 18.427 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

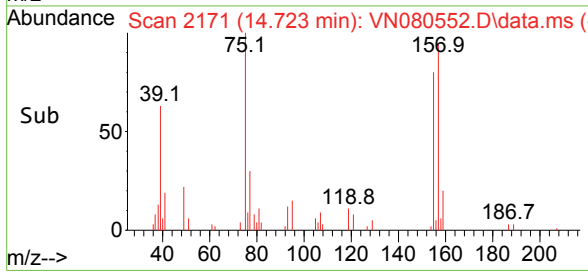
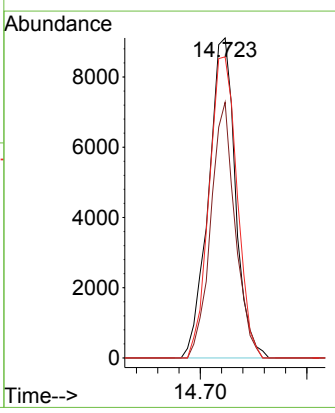
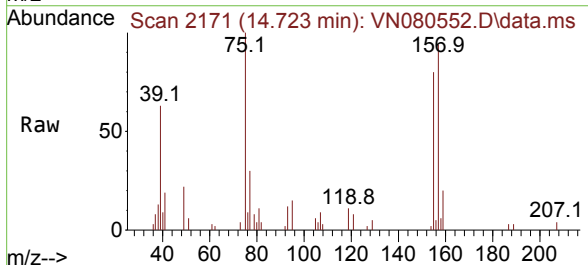
Instrument :
 MSVOA_N
 ClientSampleId :

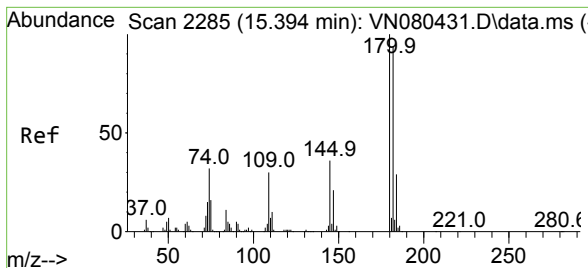
Tgt Ion:	146	Resp:	108333
Ion Ratio	Lower	Upper	
146	100		
111	45.3	22.0	66.0
148	65.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.834 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080552.D
 Acq: 20 Dec 2023 17:18

Tgt Ion:	75	Resp:	15969
Ion Ratio	Lower	Upper	
75	100		
155	72.4	39.1	117.2
157	97.4	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.682 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

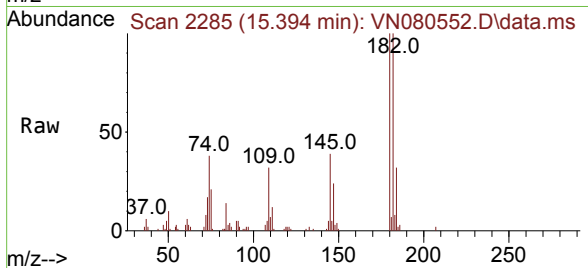
Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :



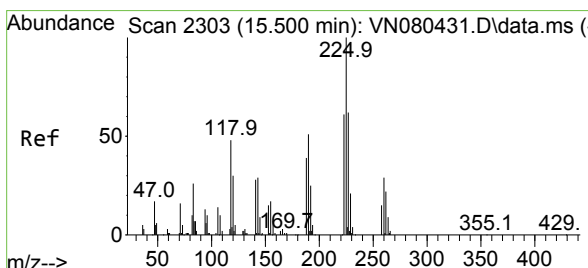
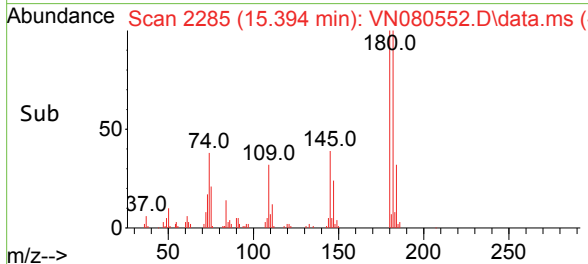
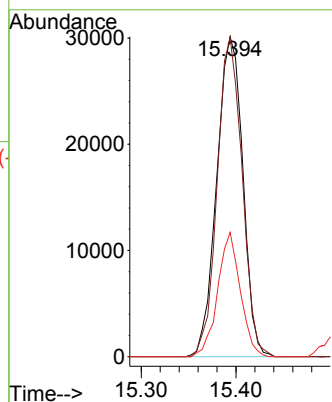
Tgt Ion:180 Resp: 57716

Ion Ratio Lower Upper

180 100

182 95.0 46.1 138.2

145 33.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 16.052 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080552.D

Acq: 20 Dec 2023 17:18

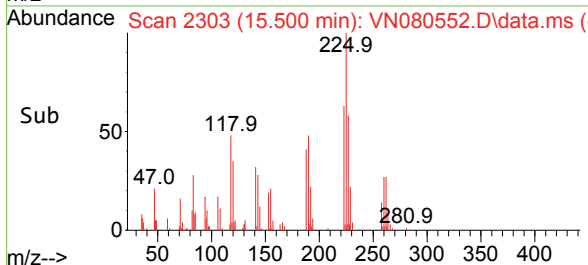
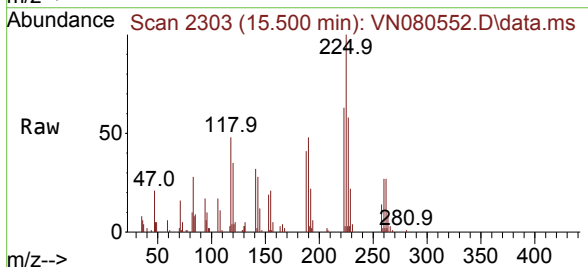
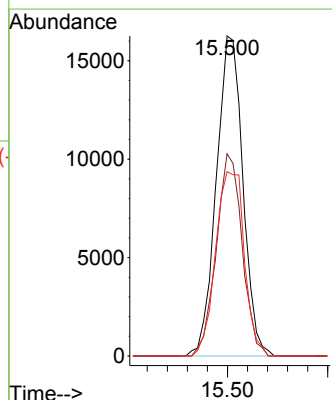
Tgt Ion:225 Resp: 29829

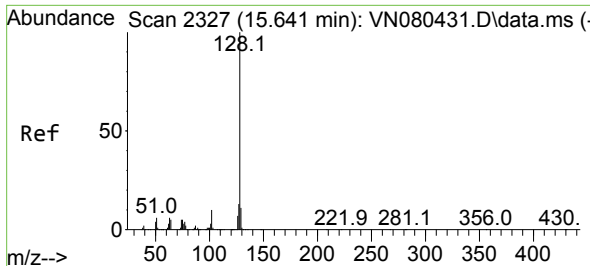
Ion Ratio Lower Upper

225 100

223 61.5 31.3 93.8

227 62.4 31.9 95.9

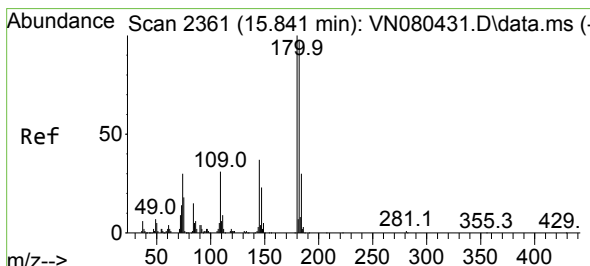
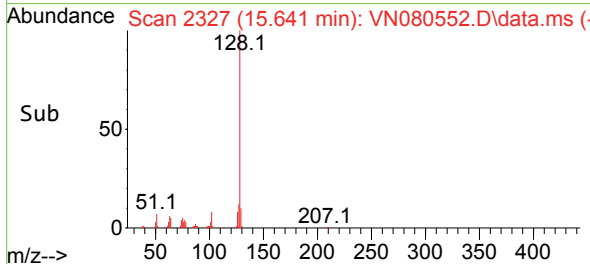
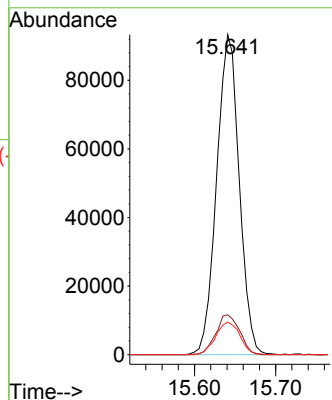
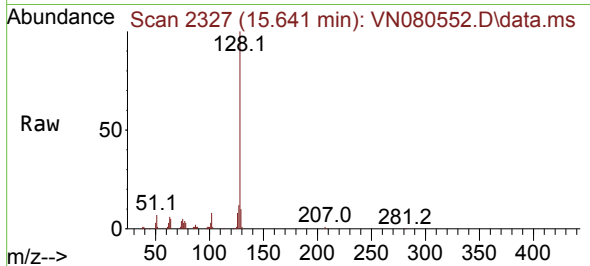




#95
Naphthalene
Concen: 18.196 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 180353
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.322 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080552.D
Acq: 20 Dec 2023 17:18

Tgt Ion:180 Resp: 57711
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 35.6 17.5 52.6

