

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080499.D
 Acq On : 15 Dec 2023 13:37
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 02:51:03 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	234542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193290	64.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.040%#	
35) Dibromofluoromethane	8.165	113	141147	59.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.740%	
50) Toluene-d8	10.571	98	508213	57.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.600%#	
62) 4-Bromofluorobenzene	12.853	95	185909	55.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	58860	19.638	ug/l	95
3) Chloromethane	2.359	50	55362	17.375	ug/l	99
4) Vinyl Chloride	2.512	62	46377	18.118	ug/l	96
5) Bromomethane	2.959	94	22106	19.155	ug/l	97
6) Chloroethane	3.130	64	29982	18.228	ug/l	91
7) Trichlorofluoromethane	3.495	101	104272	20.084	ug/l	96
8) Diethyl Ether	3.959	74	32252	19.723	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	49722	20.206	ug/l	93
10) Methyl Iodide	4.595	142	35379	16.345	ug/l	92
11) Tert butyl alcohol	5.506	59	37310	105.753	ug/l	97
12) 1,1-Dichloroethene	4.348	96	47108	18.683	ug/l	88
13) Acrolein	4.171	56	36360	94.107	ug/l	98
14) Allyl chloride	5.018	41	60511	19.397	ug/l	96
15) Acrylonitrile	5.718	53	105533	105.865	ug/l	98
16) Acetone	4.430	43	71016	133.700	ug/l	89
17) Carbon Disulfide	4.712	76	122664	17.166	ug/l	99
18) Methyl Acetate	5.018	43	76564	22.402	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	176894	21.028	ug/l	98
20) Methylene Chloride	5.283	84	54510	19.176	ug/l #	92
21) trans-1,2-Dichloroethene	5.783	96	52254	19.113	ug/l	91
22) Diisopropyl ether	6.671	45	139306	20.690	ug/l	92
23) Vinyl Acetate	6.600	43	391201	101.164	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	96124	20.463	ug/l	95
25) 2-Butanone	7.477	43	115803	113.173	ug/l	90
26) 2,2-Dichloropropane	7.489	77	96780	20.148	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	60134	19.432	ug/l	89
28) Bromochloromethane	7.812	49	40122	22.245	ug/l	100
29) Tetrahydrofuran	7.836	42	77669	106.001	ug/l	92
30) Chloroform	7.965	83	110591	21.209	ug/l	95
31) Cyclohexane	8.259	56	74860	18.376	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	106658	20.891	ug/l	98
36) 1,1-Dichloropropene	8.371	75	75775	19.658	ug/l	95
37) Ethyl Acetate	7.553	43	50724	21.014	ug/l	99
38) Carbon Tetrachloride	8.365	117	94544	20.527	ug/l	97
39) Methylcyclohexane	9.606	83	71623	17.886	ug/l	87
40) Benzene	8.606	78	218428	19.623	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28480	20.466	ug/l	94
42) 1,2-Dichloroethane	8.671	62	91110	22.104	ug/l	96
43) Isopropyl Acetate	8.688	43	88314	20.348	ug/l	96
44) Trichloroethene	9.353	130	57803	19.263	ug/l	98
45) 1,2-Dichloropropane	9.624	63	53858	20.601	ug/l	95
46) Dibromomethane	9.706	93	39769	21.182	ug/l	88
47) Bromodichloromethane	9.888	83	86199	21.423	ug/l	99
48) Methyl methacrylate	9.683	41	50257	19.404	ug/l	95
49) 1,4-Dioxane	9.694	88	16362	416.788	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	254269	106.376	ug/l	100
52) Toluene	10.635	92	142256	20.230	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	91434	21.002	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	92566	19.893	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	54752	21.639	ug/l	98
56) Ethyl methacrylate	10.877	69	56950	20.330	ug/l	92
57) 1,3-Dichloropropane	11.165	76	92211	20.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	167823	94.898	ug/l	99
59) 2-Hexanone	11.194	43	184855	104.756	ug/l	98
60) Dibromochloromethane	11.359	129	62688	20.908	ug/l	97
61) 1,2-Dibromoethane	11.471	107	54605	20.852	ug/l	95
64) Tetrachloroethene	11.106	164	46716	18.164	ug/l	95
65) Chlorobenzene	11.894	112	145788	19.674	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	60415	20.778	ug/l	94
67) Ethyl Benzene	11.965	91	266238	19.540	ug/l	99
68) m/p-Xylenes	12.076	106	194744	38.679	ug/l	88
69) o-Xylene	12.400	106	95581	19.408	ug/l	88
70) Styrene	12.412	104	138042	19.460	ug/l	91
71) Bromoform	12.582	173	42425	20.008	ug/l #	98
73) Isopropylbenzene	12.694	105	246246	19.516	ug/l	99
74) N-amyl acetate	12.494	43	70321	19.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	67794	20.052	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	93194	29.742	ug/l	77
77) Bromobenzene	12.982	156	60319	19.434	ug/l	99
78) n-propylbenzene	13.035	91	274100	19.703	ug/l	99
79) 2-Chlorotoluene	13.123	91	177636	19.559	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	214386	19.729	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	21761	18.234	ug/l #	75
82) 4-Chlorotoluene	13.223	91	180435	19.328	ug/l	96
83) tert-Butylbenzene	13.441	119	171142	19.231	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	216445	20.022	ug/l	98
85) sec-Butylbenzene	13.618	105	219160	19.251	ug/l	99
86) p-Isopropyltoluene	13.729	119	197207	19.185	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	107798	19.712	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107014	19.386	ug/l	96
89) n-Butylbenzene	14.059	91	159327	18.561	ug/l	98
90) Hexachloroethane	14.335	117	31183	19.102	ug/l	65
91) 1,2-Dichlorobenzene	14.106	146	101846	19.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15014	21.112	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	57801	20.048	ug/l	96
94) Hexachlorobutadiene	15.506	225	30970	18.868	ug/l	97
95) Naphthalene	15.641	128	170032	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54142	19.460	ug/l	97

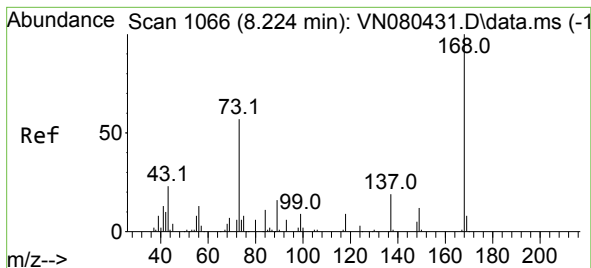
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

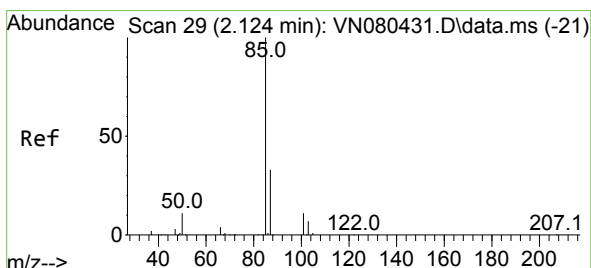
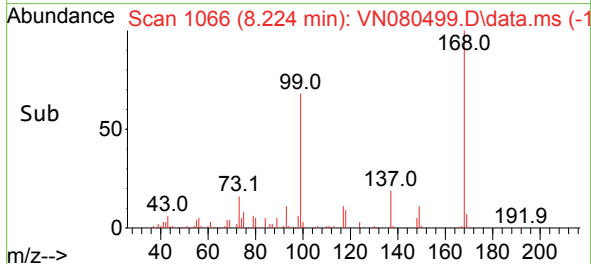
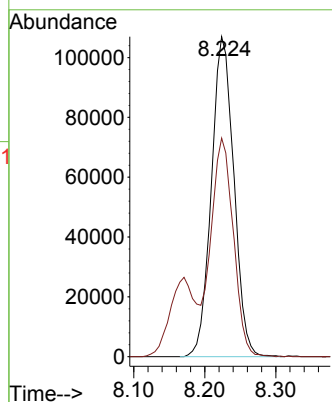
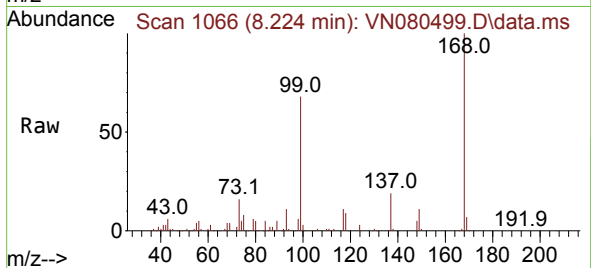
ClientSampleId :

Tgt Ion:168 Resp: 234542

Ion Ratio Lower Upper

168 100

99 68.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.638 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080499.D

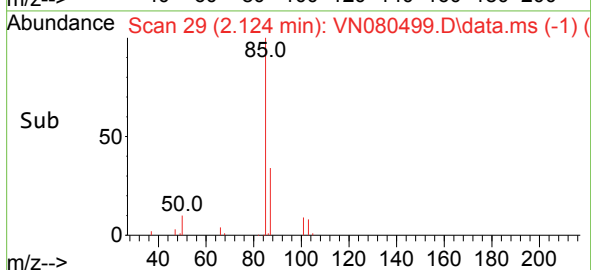
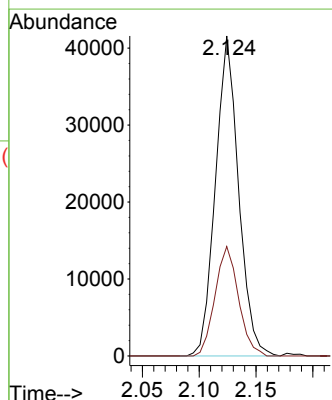
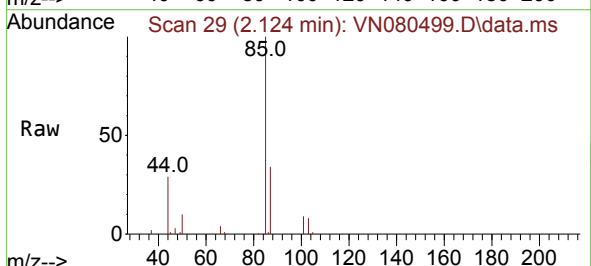
Acq: 15 Dec 2023 13:37

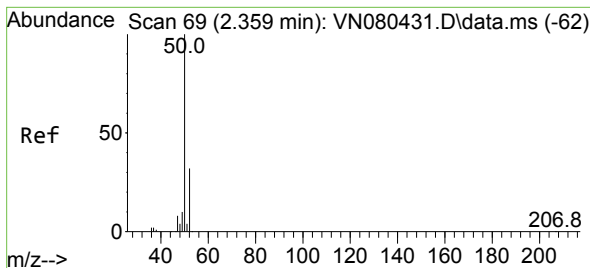
Tgt Ion: 85 Resp: 58860

Ion Ratio Lower Upper

85 100

87 34.2 15.8 47.4





#3

Chloromethane

Concen: 17.375 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

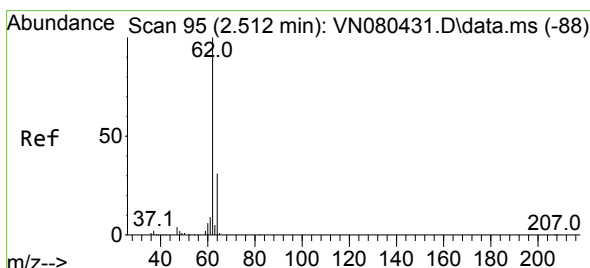
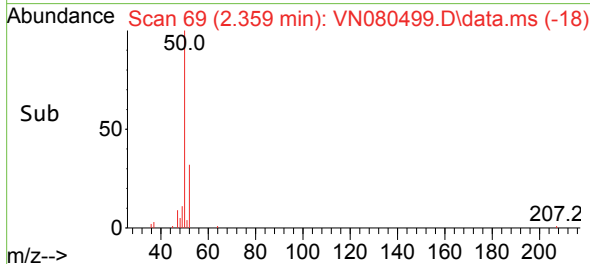
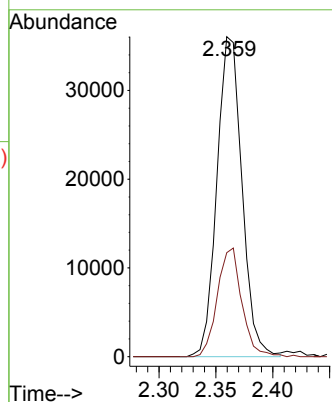
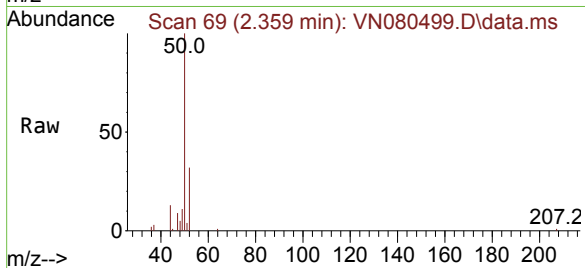
ClientSampleId :

Tgt Ion: 50 Resp: 55362

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 18.118 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080499.D

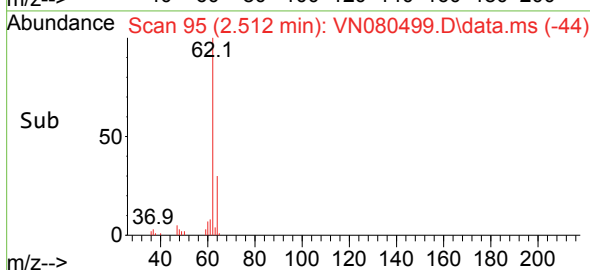
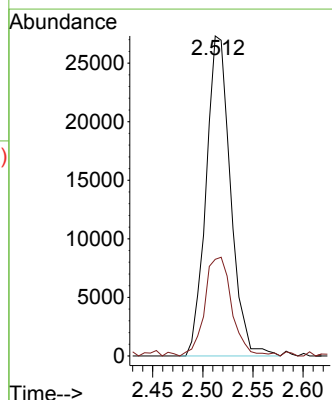
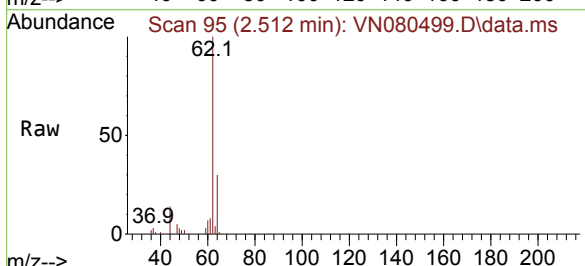
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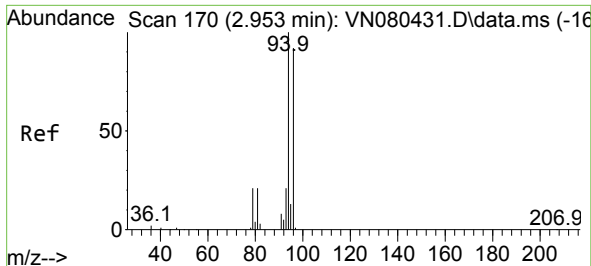
Tgt Ion: 62 Resp: 46377

Ion Ratio Lower Upper

62 100

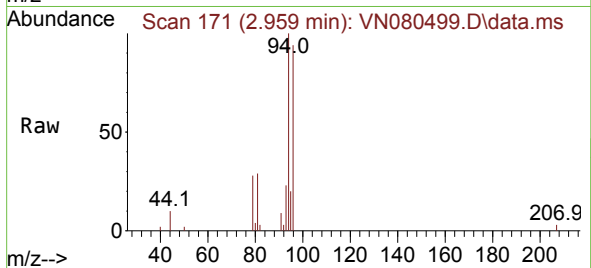
64 30.2 26.2 39.2



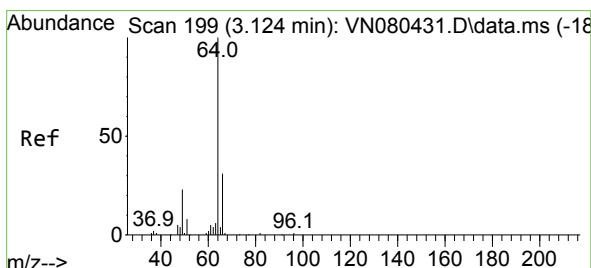
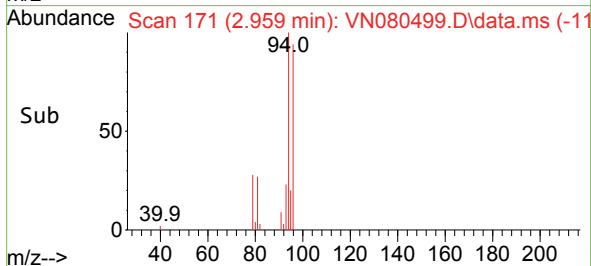
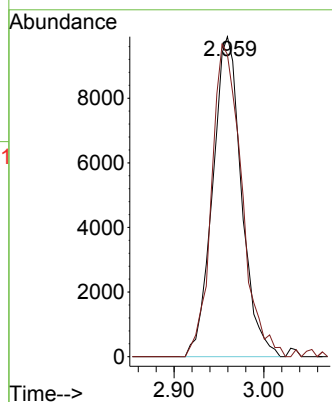


#5
Bromomethane
Concen: 19.155 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

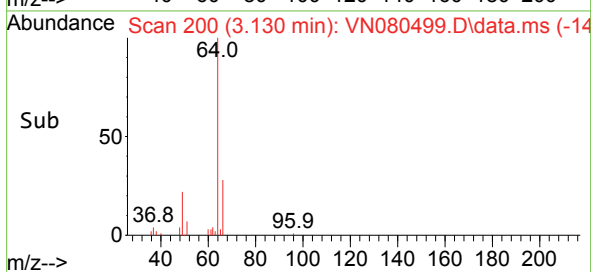
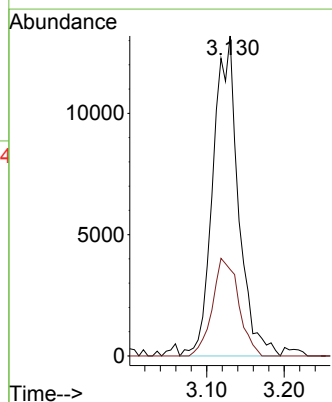
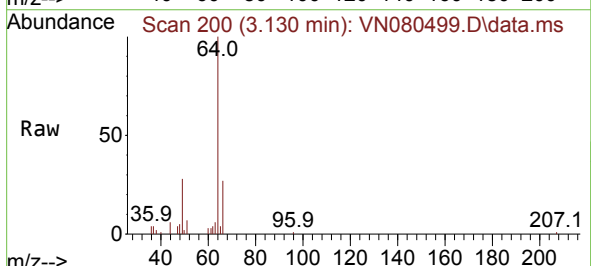


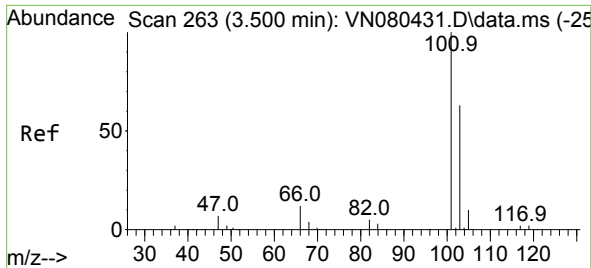
Tgt Ion: 94 Resp: 22106
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7



#6
Chloroethane
Concen: 18.228 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 64 Resp: 29982
Ion Ratio Lower Upper
64 100
66 27.1 25.4 38.2

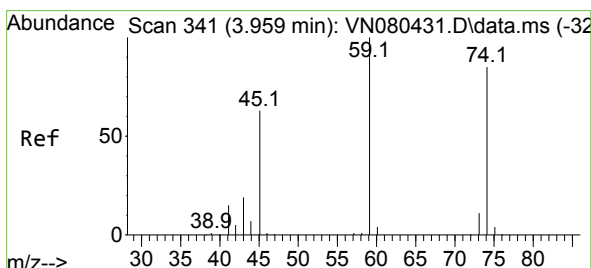
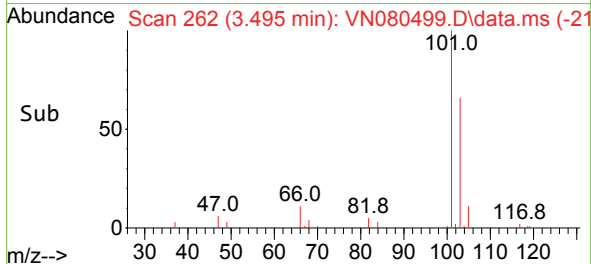
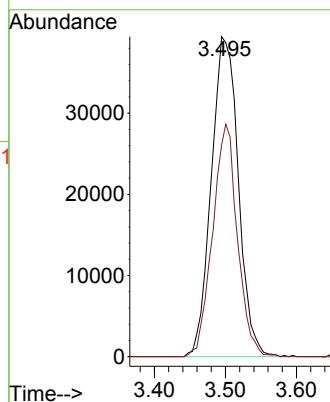
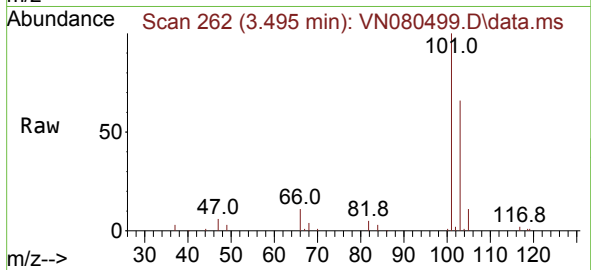




#7
Trichlorofluoromethane
Concen: 20.084 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

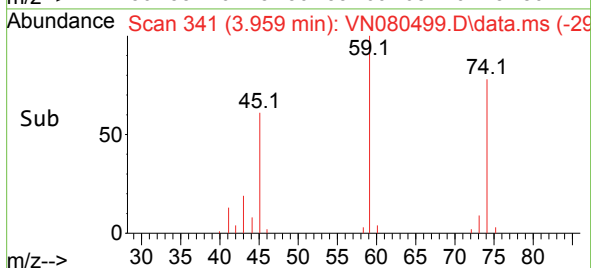
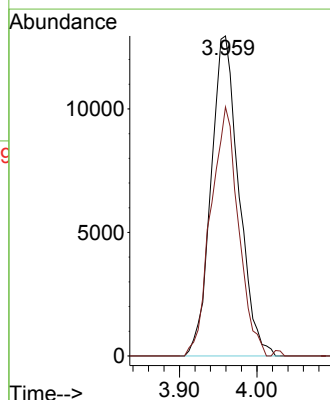
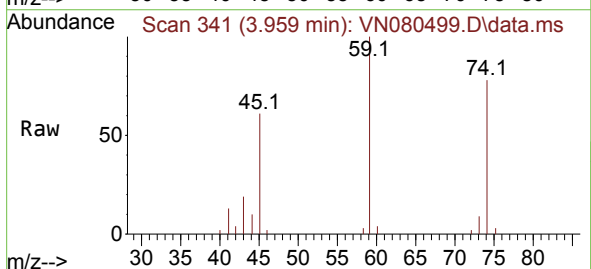
Instrument :
MSVOA_N
ClientSampleId :

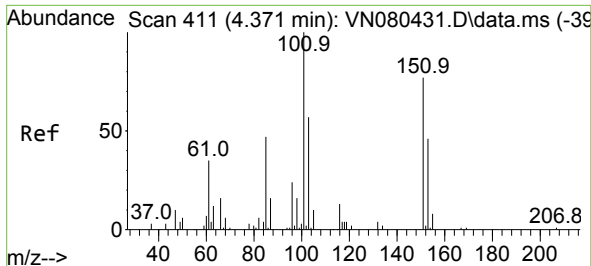
Tgt Ion:101 Resp: 104272
Ion Ratio Lower Upper
101 100
103 66.2 50.7 76.1



#8
Diethyl Ether
Concen: 19.723 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 74 Resp: 32252
Ion Ratio Lower Upper
74 100
45 77.5 34.4 103.3

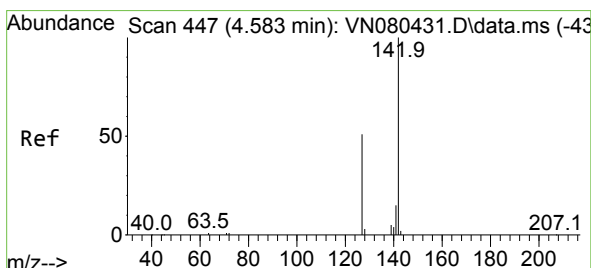
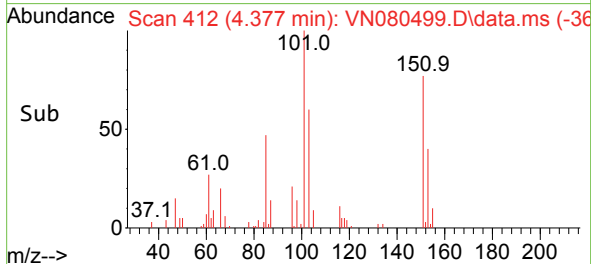
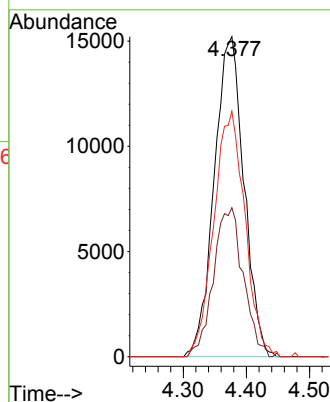
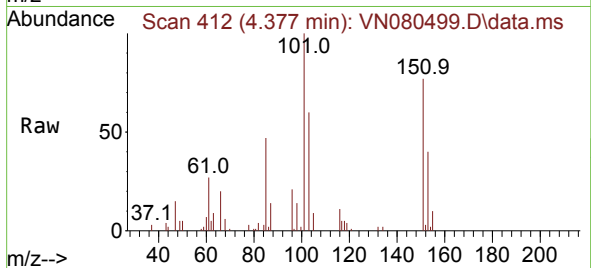




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

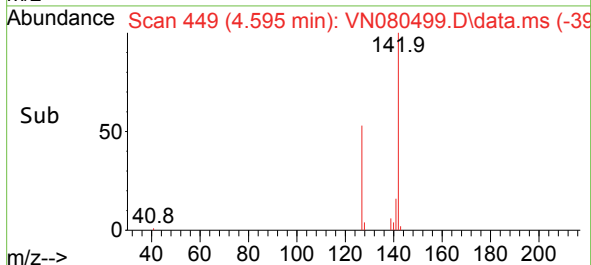
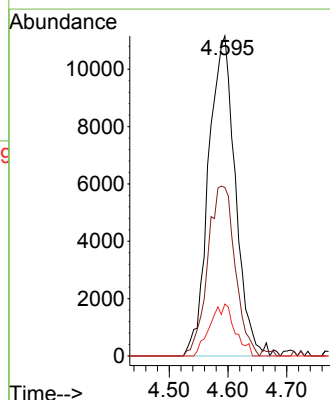
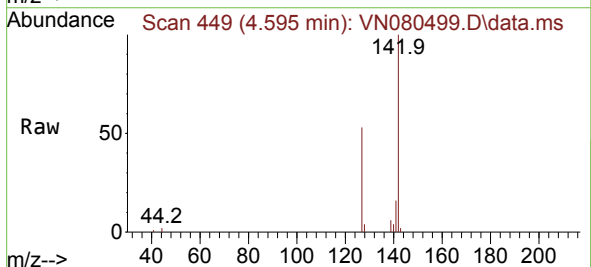
Instrument :
MSVOA_N
ClientSampleId :

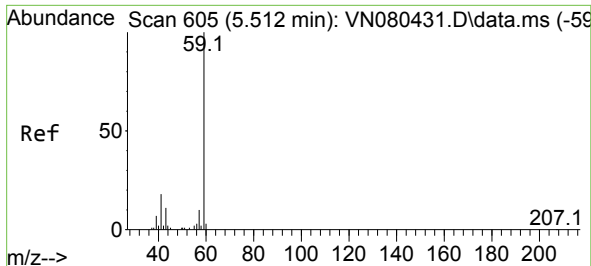
Tgt Ion:101 Resp: 49722
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 80.3 57.6 86.4



#10
Methyl Iodide
Concen: 16.345 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

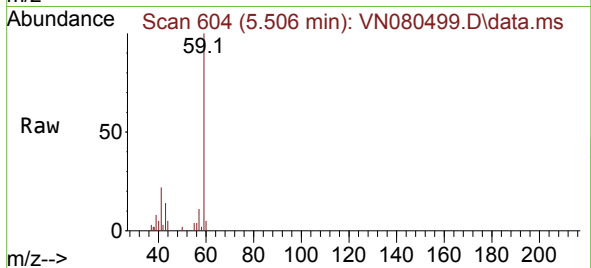
Tgt Ion:142 Resp: 35379
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 16.2 11.4 17.0



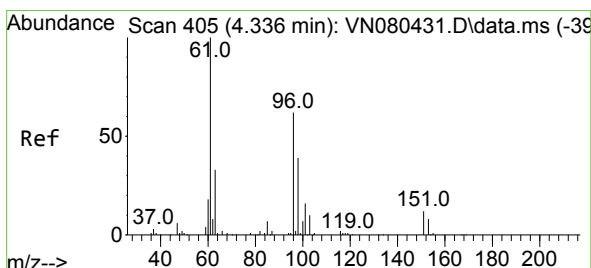
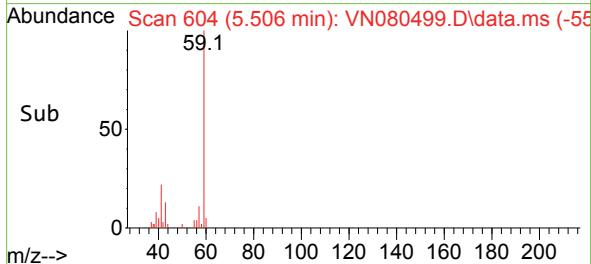
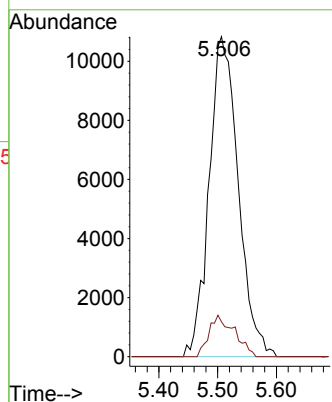


#11
Tert butyl alcohol
Concen: 105.753 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

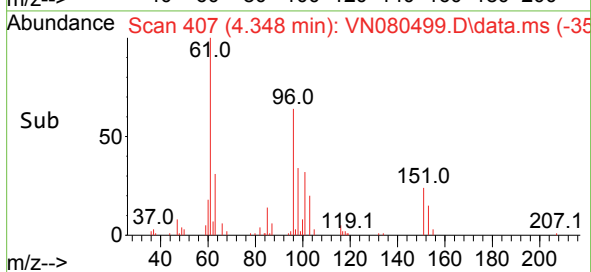
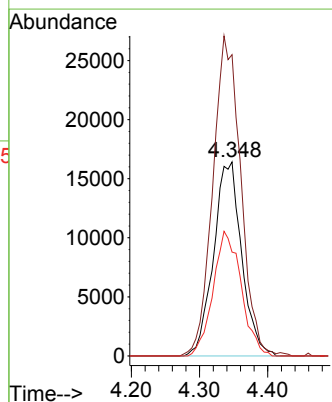
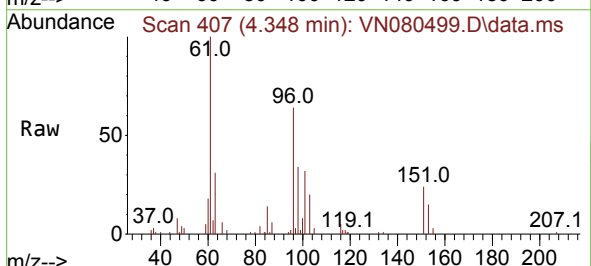


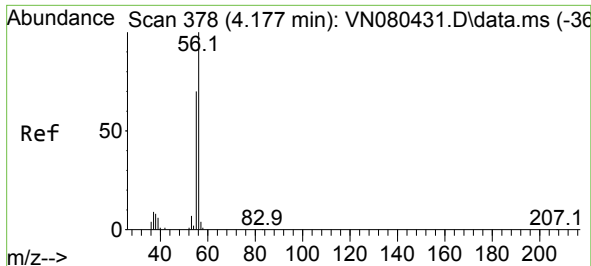
Tgt Ion: 59 Resp: 37310
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.683 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 96 Resp: 47108
Ion Ratio Lower Upper
96 100
61 155.2 112.7 169.1
98 53.5 51.2 76.8

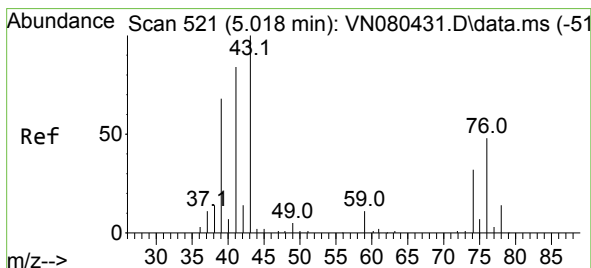
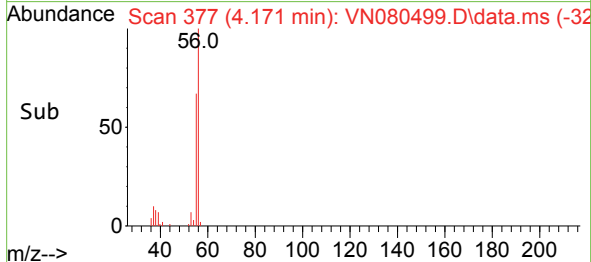
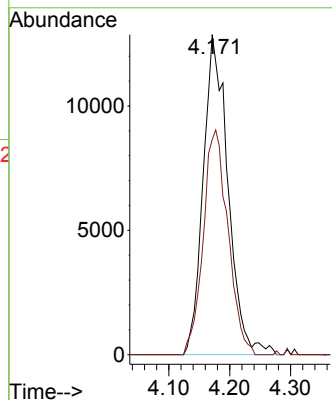
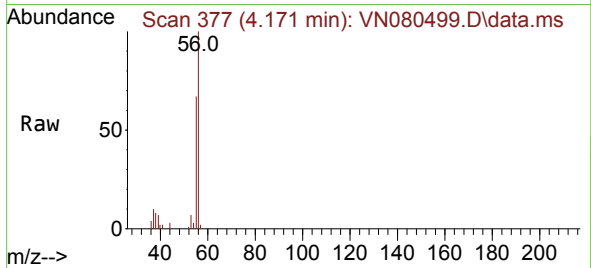




#13
Acrolein
Concen: 94.107 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

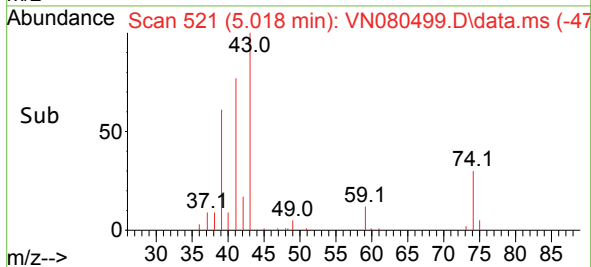
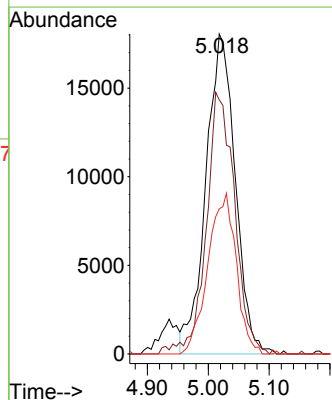
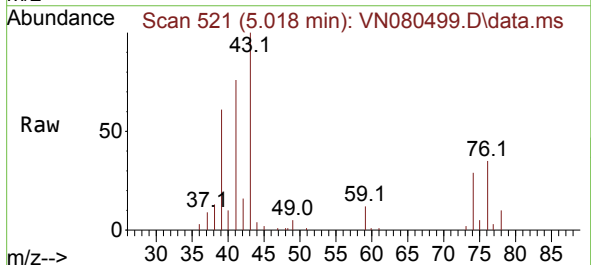
Instrument :
MSVOA_N
ClientSampleId :

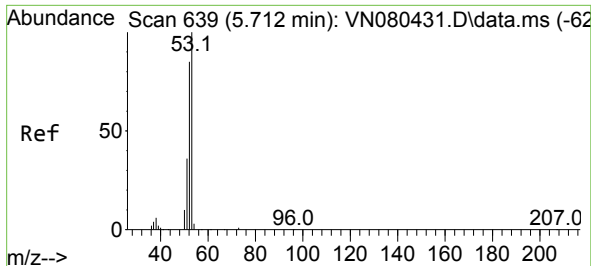
Tgt Ion: 56 Resp: 36360
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7



#14
Allyl chloride
Concen: 19.397 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

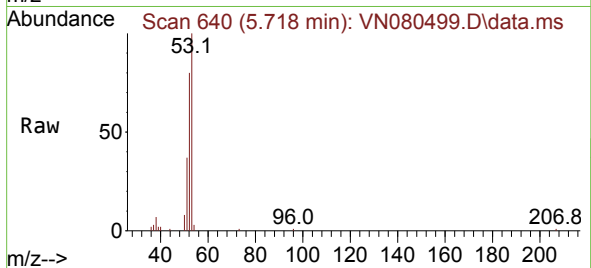
Tgt Ion: 41 Resp: 60511
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 48.3 39.1 58.7



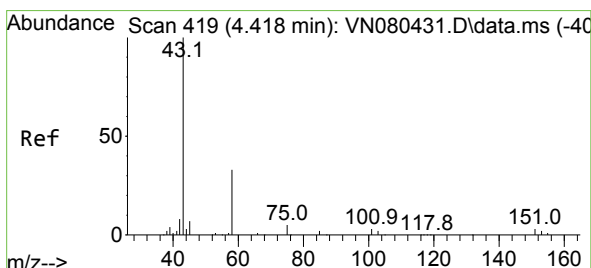
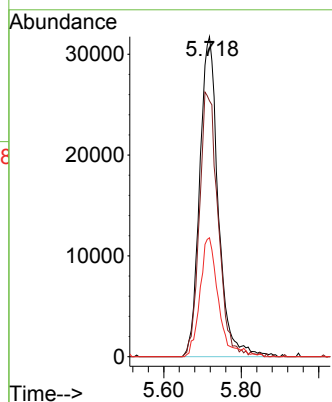
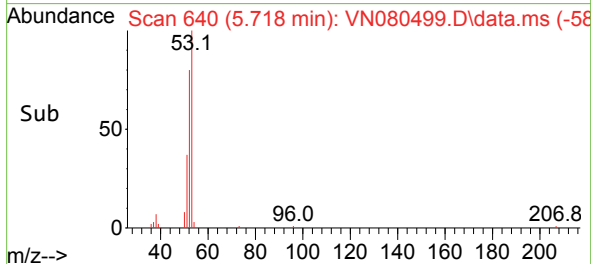


#15
Acrylonitrile
Concen: 105.865 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

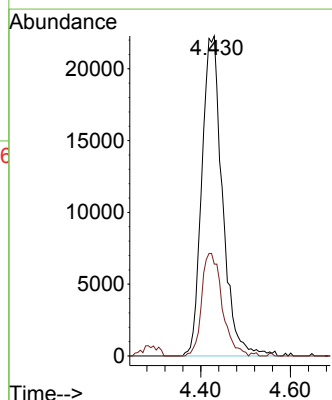
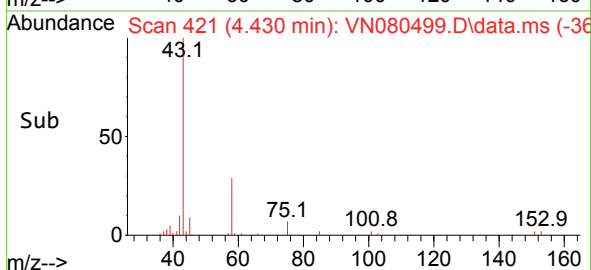
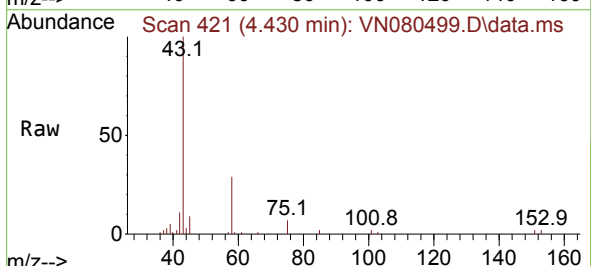


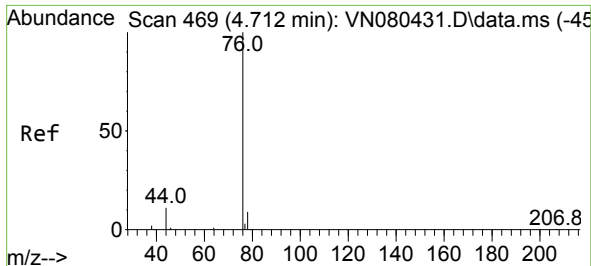
Tgt Ion: 53 Resp: 105533
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 133.700 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 43 Resp: 71016
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

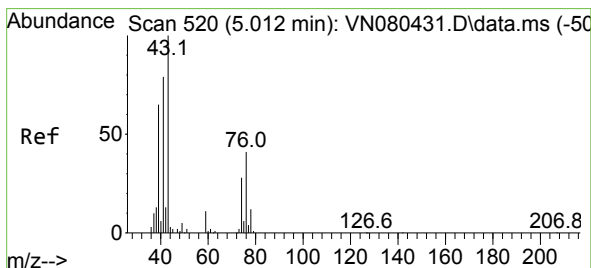
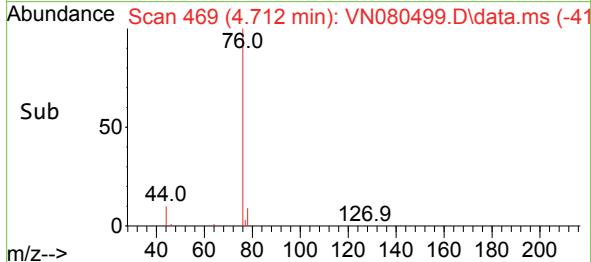
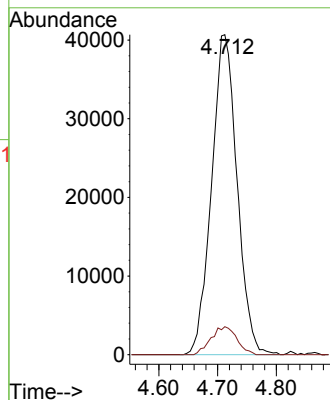
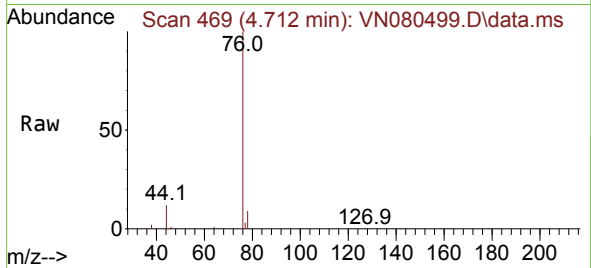




#17
Carbon Disulfide
Concen: 17.166 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

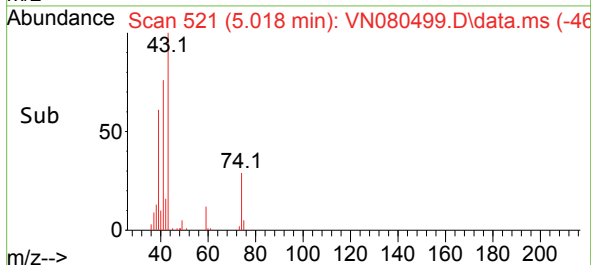
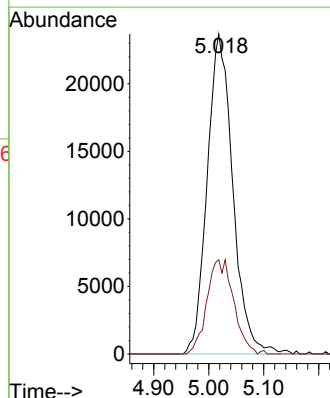
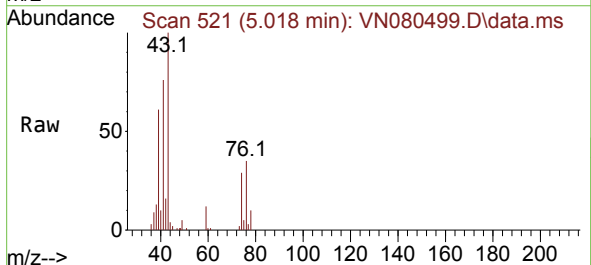
Instrument :
MSVOA_N
ClientSampleId :

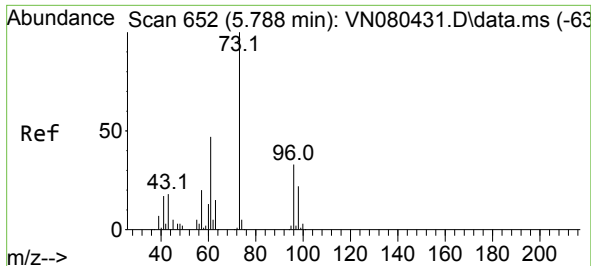
Tgt Ion: 76 Resp: 122664
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 22.402 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 43 Resp: 76564
Ion Ratio Lower Upper
43 100
74 30.6 26.2 39.4

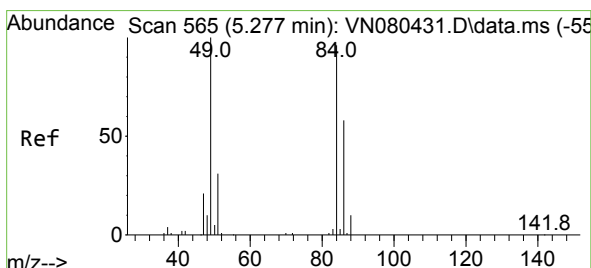
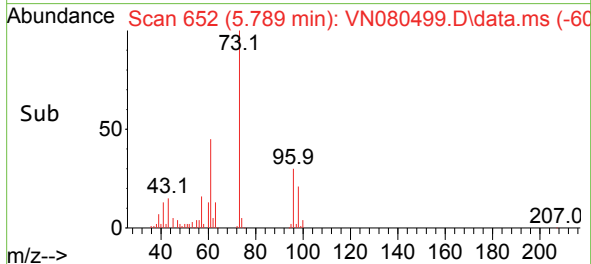
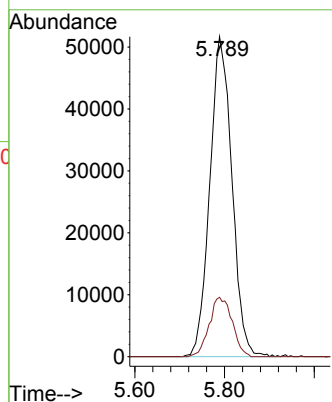
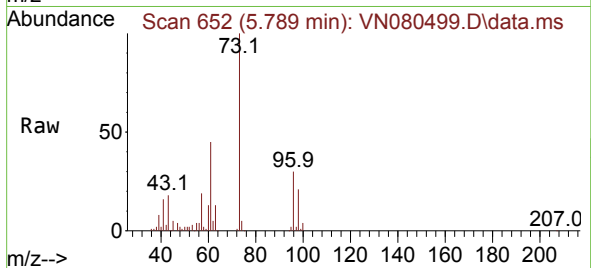




#19
Methyl tert-butyl Ether
Concen: 21.028 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

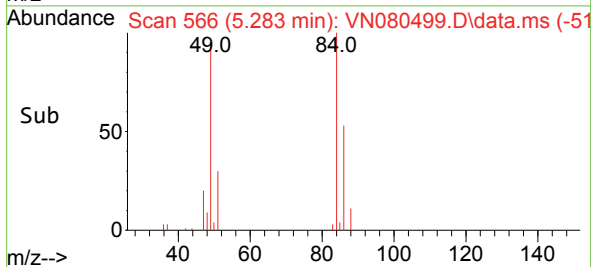
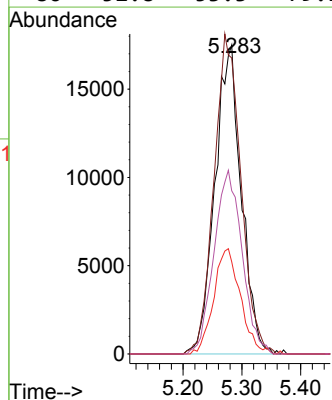
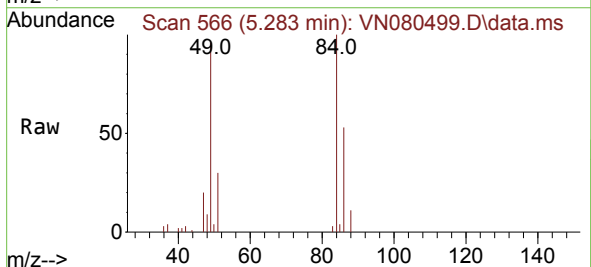
Instrument :
MSVOA_N
ClientSampleId :

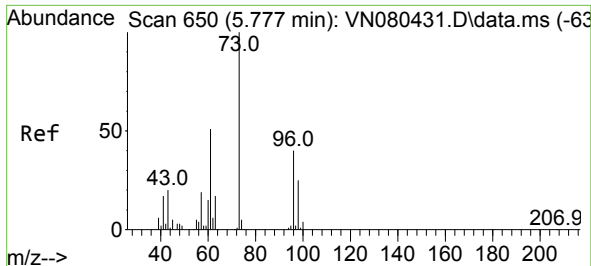
Tgt Ion: 73 Resp: 176894
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4



#20
Methylene Chloride
Concen: 19.176 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

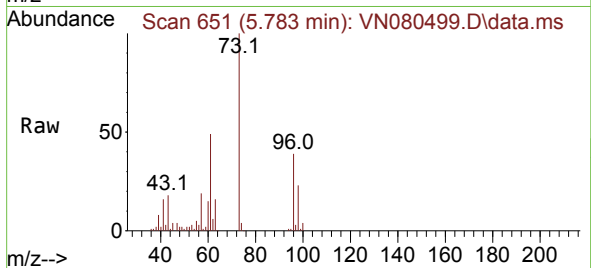
Tgt Ion: 84 Resp: 54510
Ion Ratio Lower Upper
84 100
49 95.8 79.7 119.5
51 29.8 25.2 37.8
86 52.8 53.3 79.9#



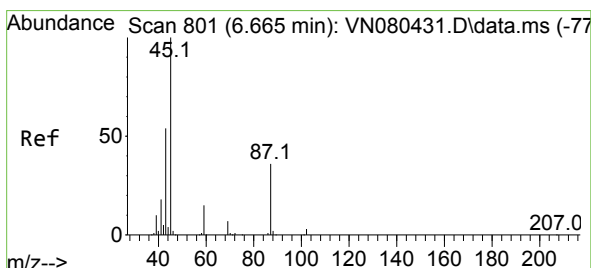
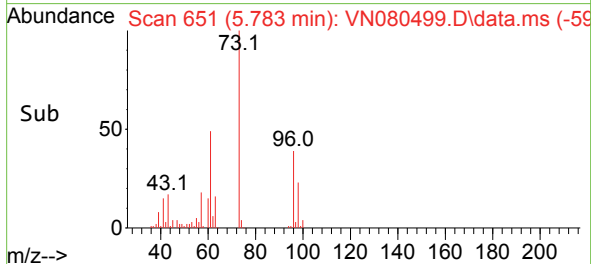
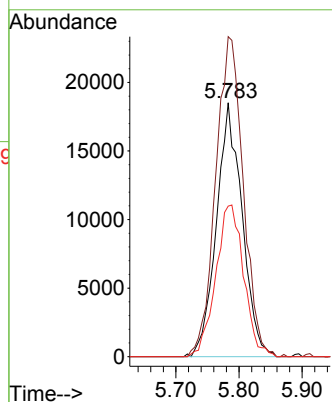


#21
trans-1,2-Dichloroethene
Concen: 19.113 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

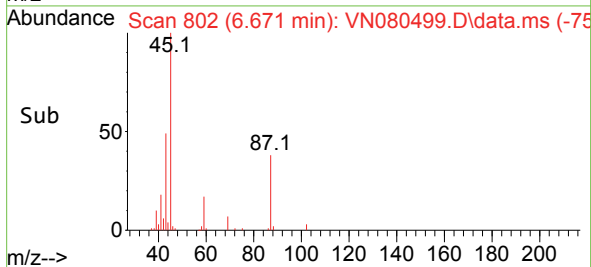
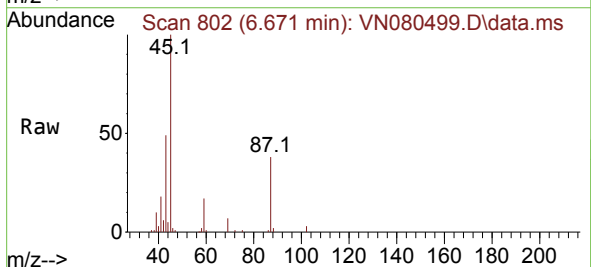
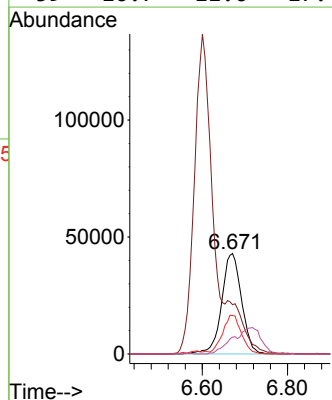


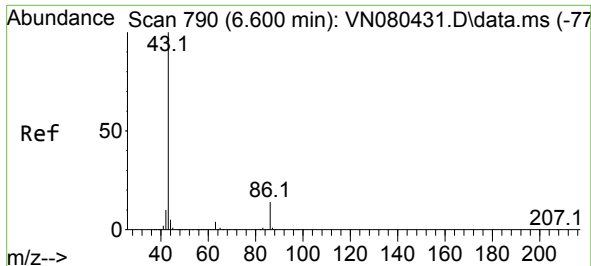
Tgt Ion: 96 Resp: 52254
Ion Ratio Lower Upper
96 100
61 126.0 90.1 135.1
98 59.3 46.4 69.6



#22
Diisopropyl ether
Concen: 20.690 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 45 Resp: 139306
Ion Ratio Lower Upper
45 100
43 48.3 45.5 68.3
87 38.1 31.8 47.8
59 16.7 11.6 17.4

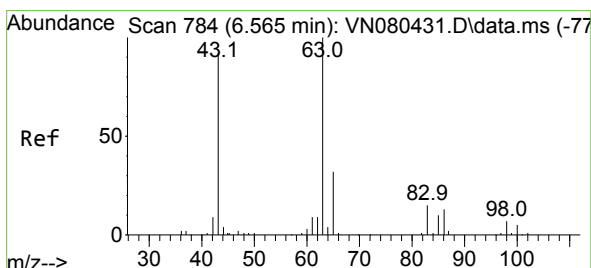
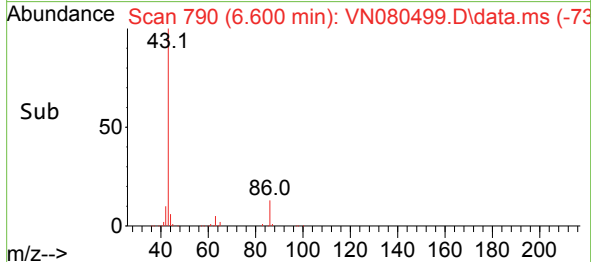
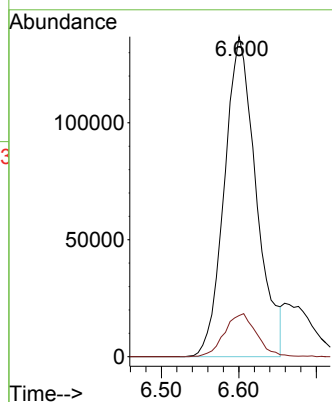
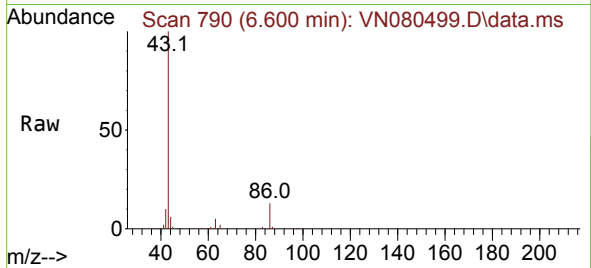




#23
 Vinyl Acetate
 Concen: 101.164 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

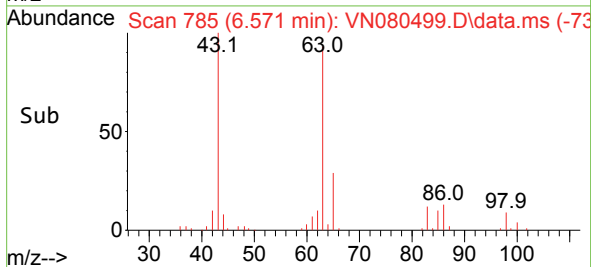
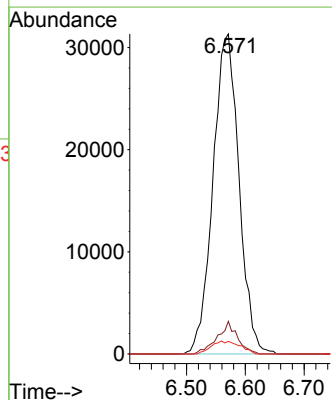
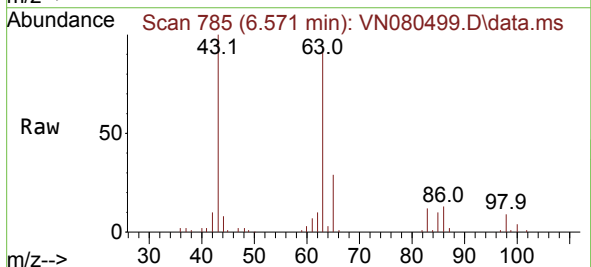
Instrument :
 MSVOA_N
 ClientSampleId :

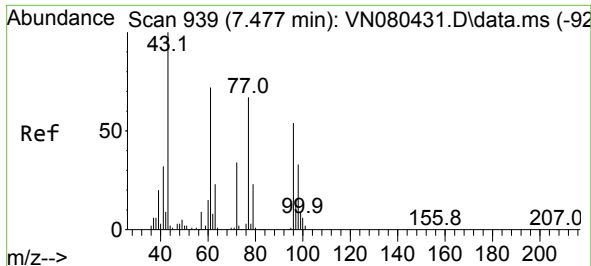
Tgt Ion: 43 Resp: 391201
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.463 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

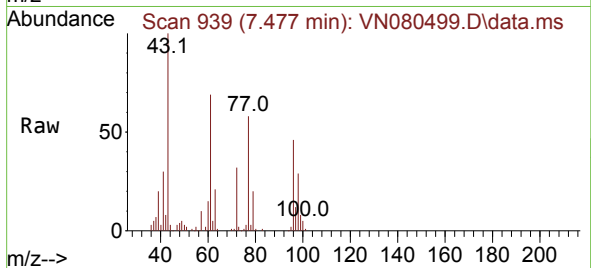
Tgt Ion: 63 Resp: 96124
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.9 11.7
 100 4.0 2.5 7.4



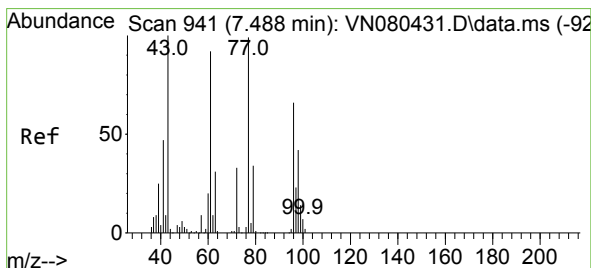
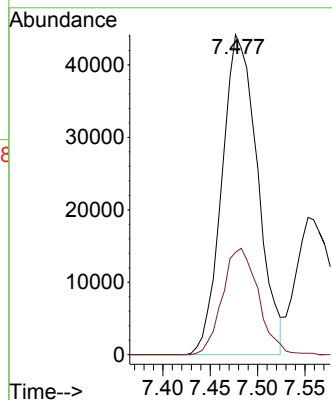
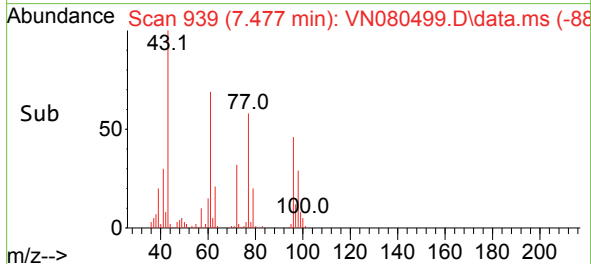


#25
2-Butanone
Concen: 113.173 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

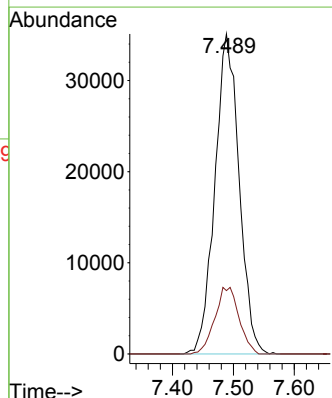
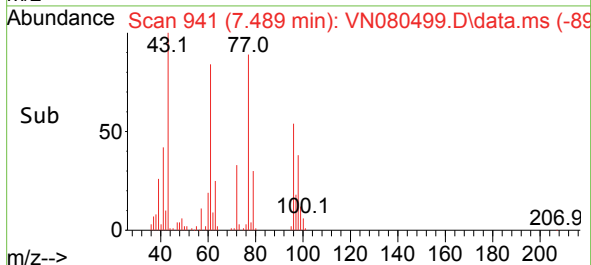
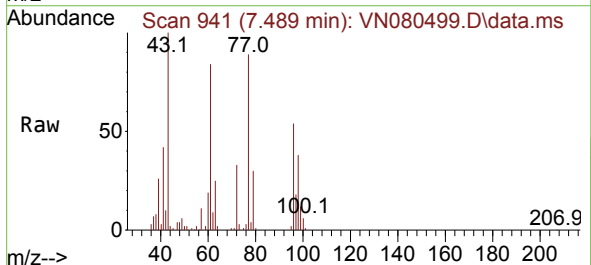


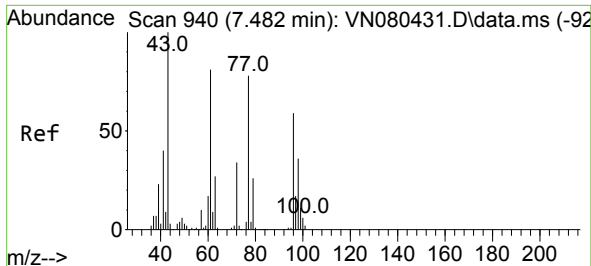
Tgt Ion: 43 Resp: 115803
Ion Ratio Lower Upper
43 100
72 32.0 30.2 45.2



#26
2,2-Dichloropropane
Concen: 20.148 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 77 Resp: 96780
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6

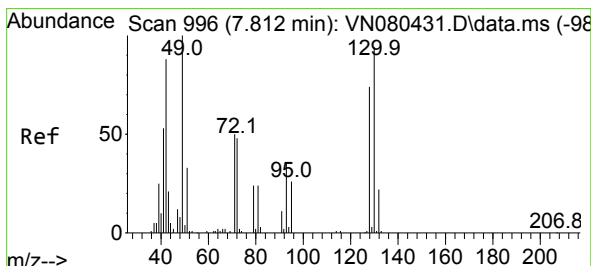
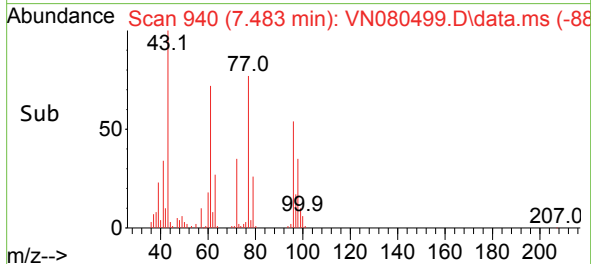
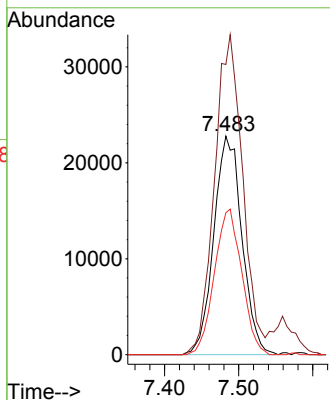
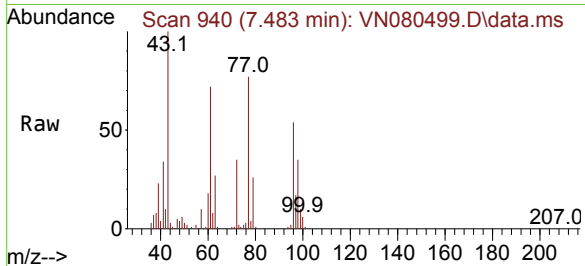




#27
 cis-1,2-Dichloroethene
 Concen: 19.432 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

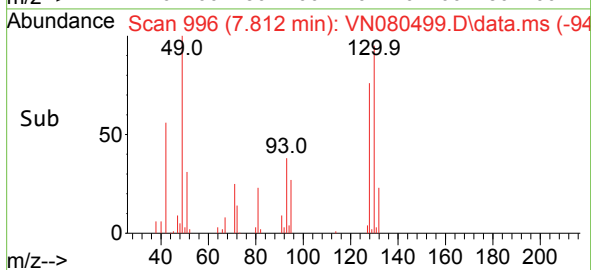
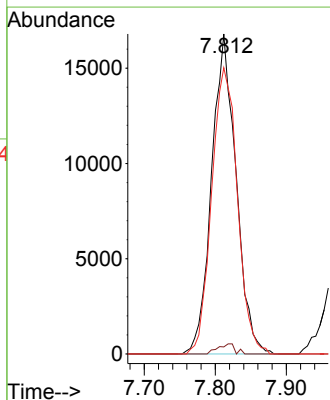
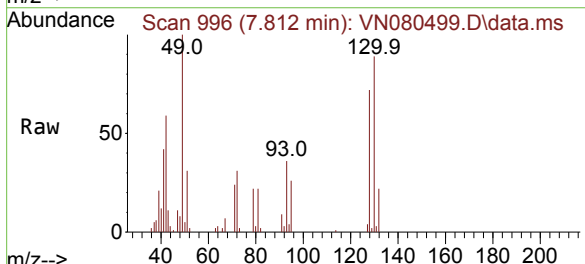
Instrument :
 MSVOA_N
 ClientSampleId :

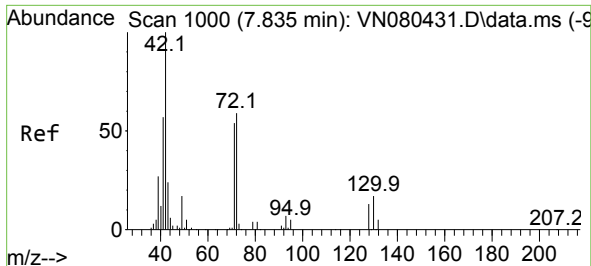
Tgt Ion: 96 Resp: 60134
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 255.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.245 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

Tgt Ion: 49 Resp: 40122
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 94.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.001 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

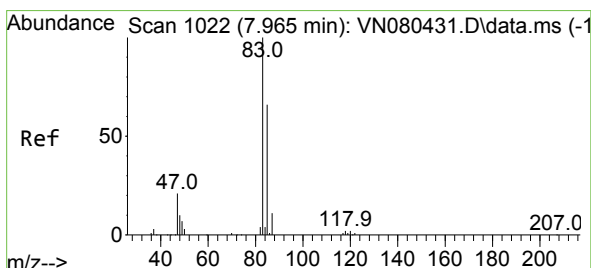
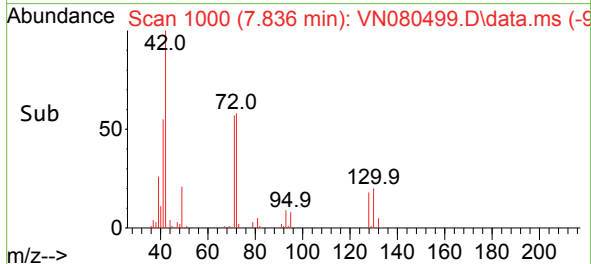
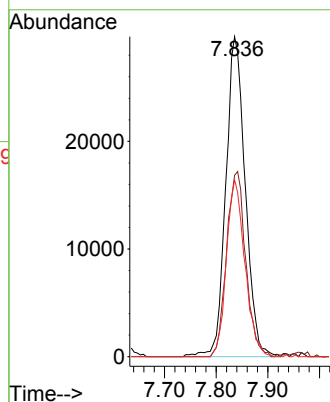
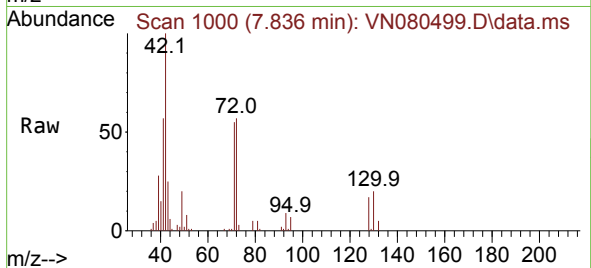
Tgt Ion: 42 Resp: 77669

Ion Ratio Lower Upper

42 100

72 56.9 49.8 74.6

71 52.6 47.4 71.2



#30

Chloroform

Concen: 21.209 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080499.D

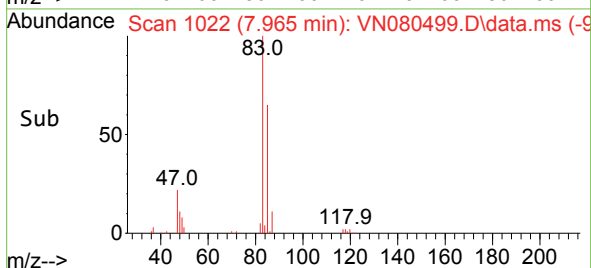
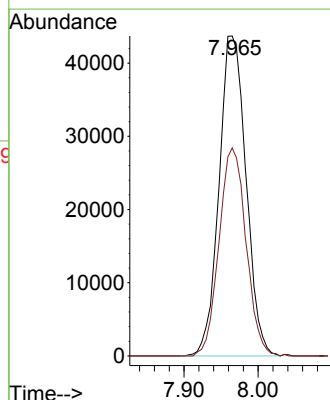
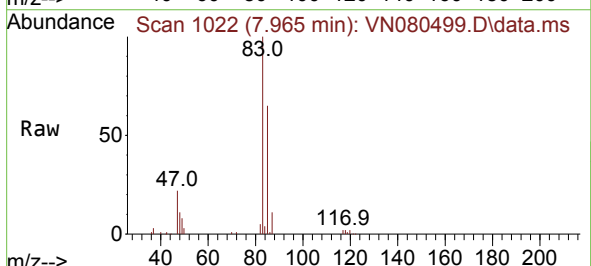
Acq: 15 Dec 2023 13:37

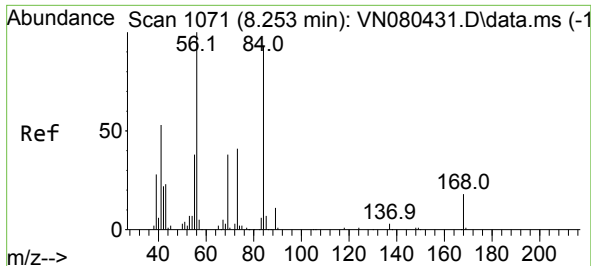
Tgt Ion: 83 Resp: 110591

Ion Ratio Lower Upper

83 100

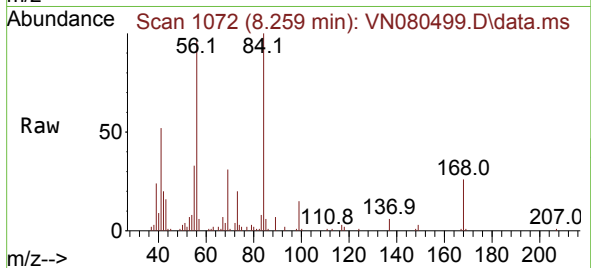
85 65.0 55.4 83.0



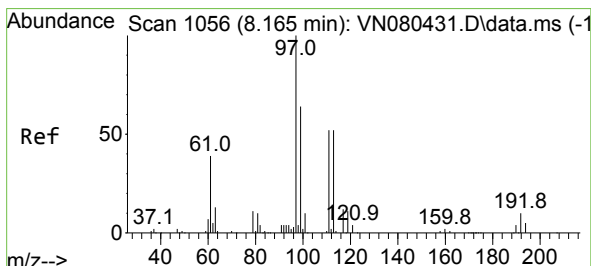
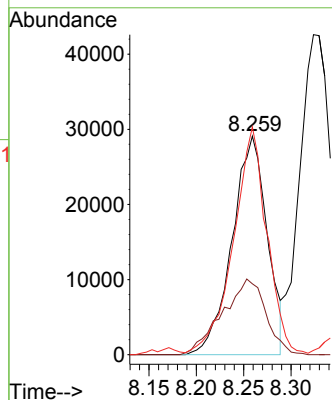
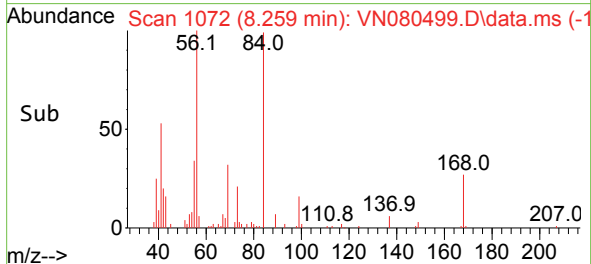


#31
Cyclohexane
Concen: 18.376 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

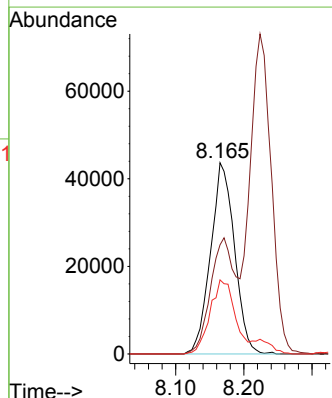
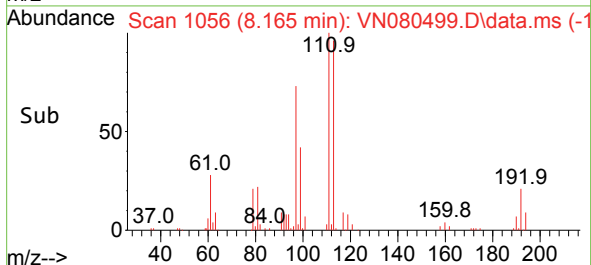
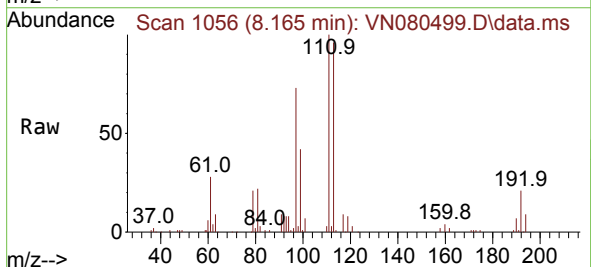


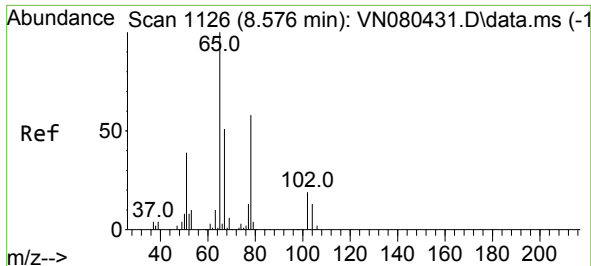
Tgt Ion: 56 Resp: 74860
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 102.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.891 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 97 Resp: 106658
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 42.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 64.524 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

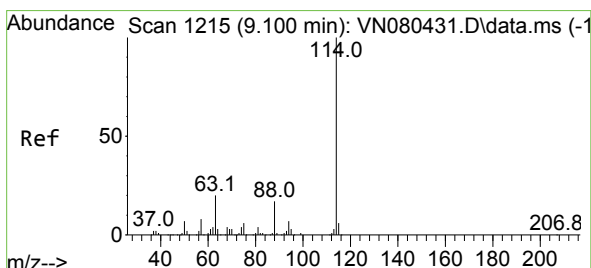
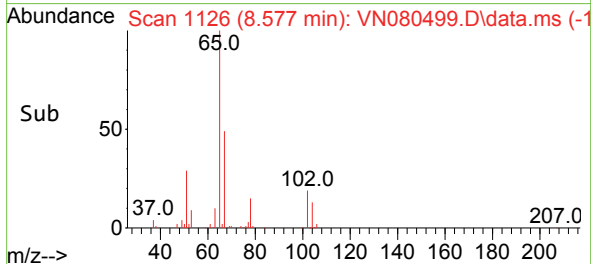
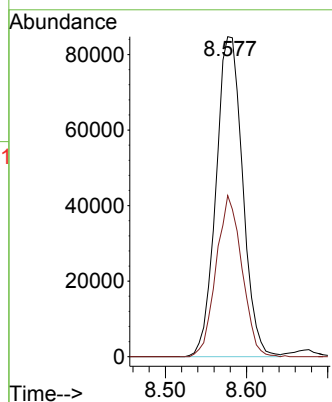
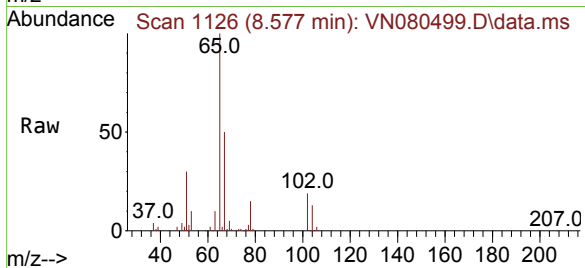
ClientSampleId :

Tgt Ion: 65 Resp: 193290

Ion Ratio Lower Upper

65 100

67 48.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

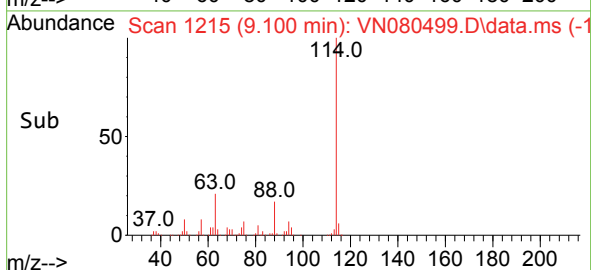
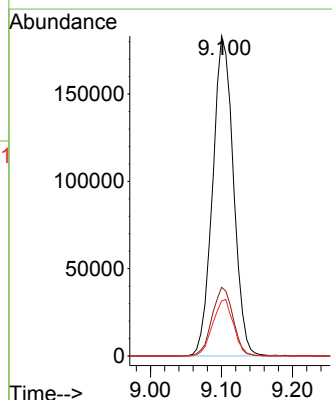
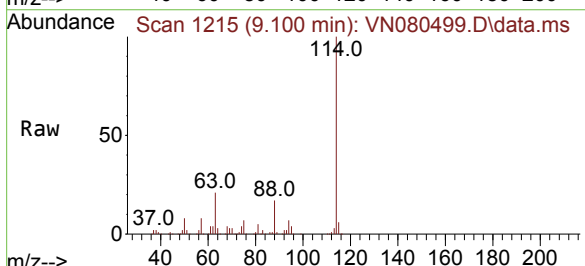
Tgt Ion: 114 Resp: 371827

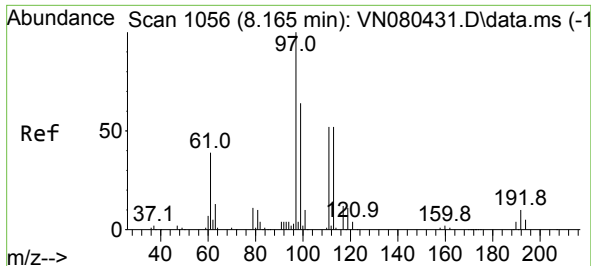
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

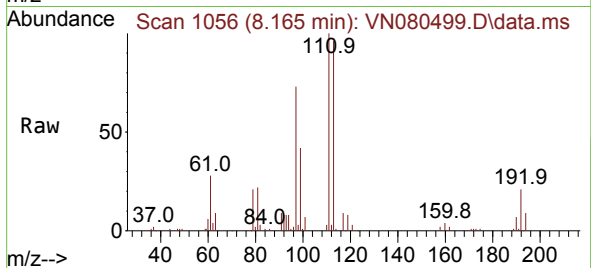
88 17.2 0.0 30.6



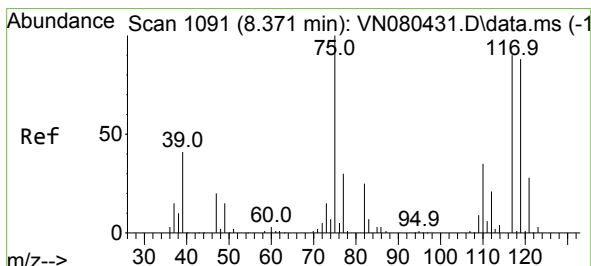
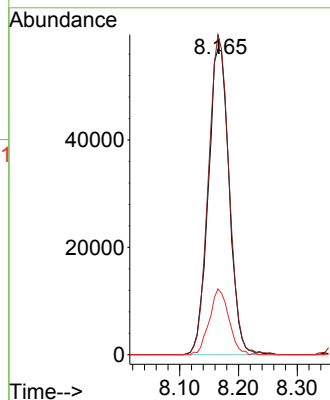
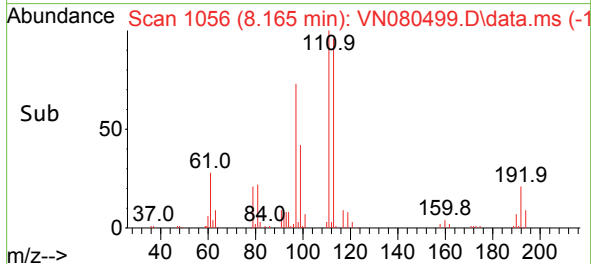


#35
Dibromofluoromethane
Concen: 59.871 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

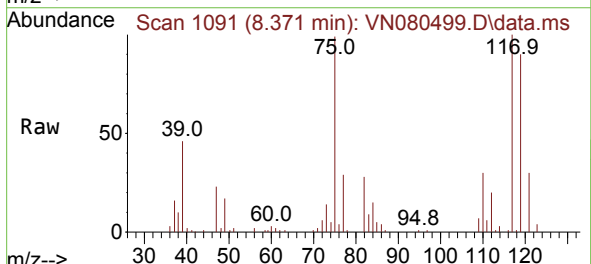
Instrument :
MSVOA_N
ClientSampleId :



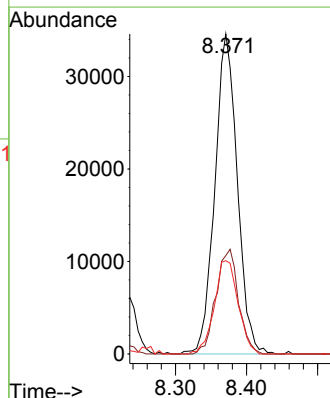
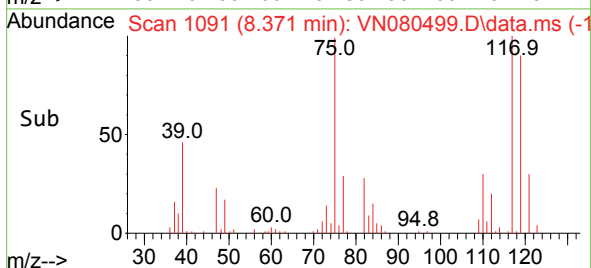
Tgt Ion:113 Resp: 141147
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 20.0 12.7 19.1#

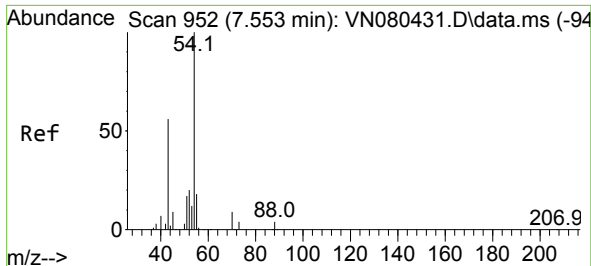


#36
1,1-Dichloropropene
Concen: 19.658 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37



Tgt Ion: 75 Resp: 75775
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 21.014 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

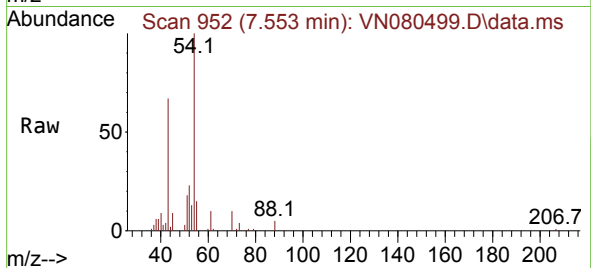
Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

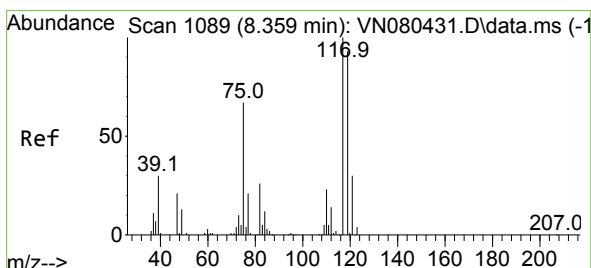
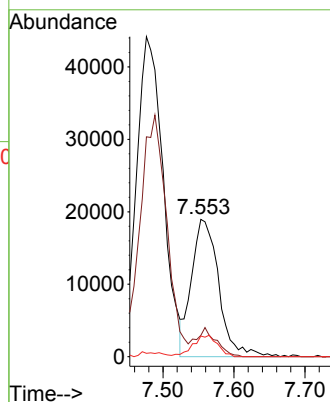
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	50724
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.2	19.8
70	13.9	11.3	16.9



#38

Carbon Tetrachloride

Concen: 20.527 ug/l

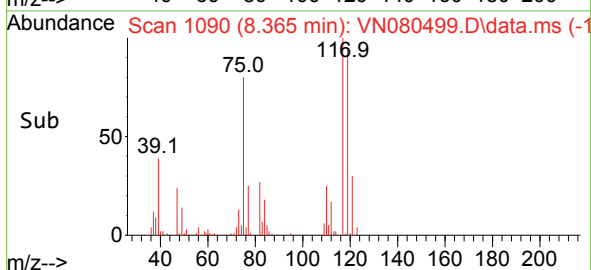
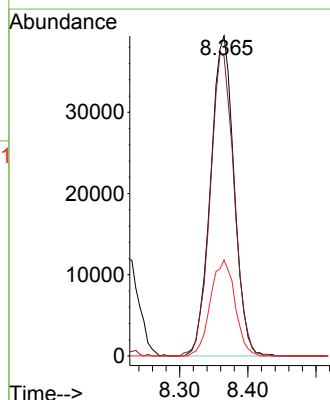
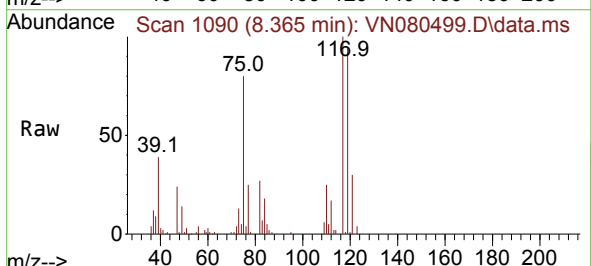
RT: 8.365 min Scan# 1090

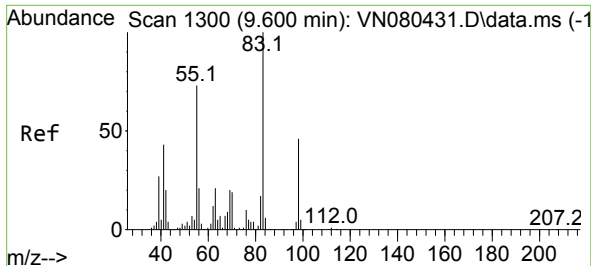
Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Tgt Ion:	117	Resp:	94544
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.3	115.9
121	30.0	23.3	34.9





#39

Methylcyclohexane

Concen: 17.886 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

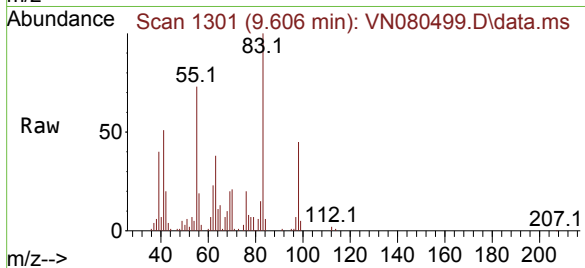
Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :



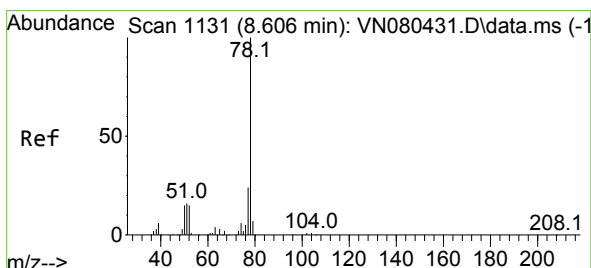
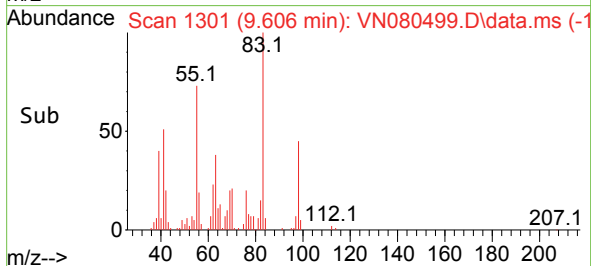
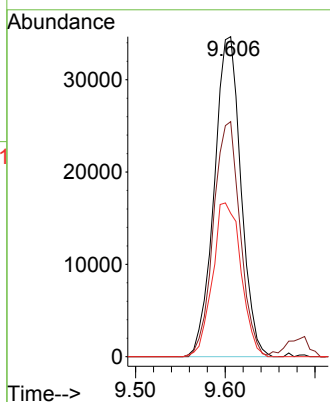
Tgt Ion: 83 Resp: 71623

Ion Ratio Lower Upper

83 100

55 73.4 49.1 73.7

98 44.8 40.6 61.0



#40

Benzene

Concen: 19.623 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080499.D

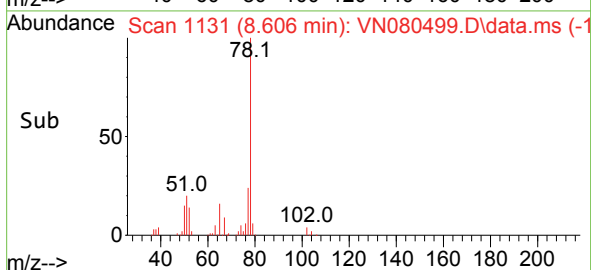
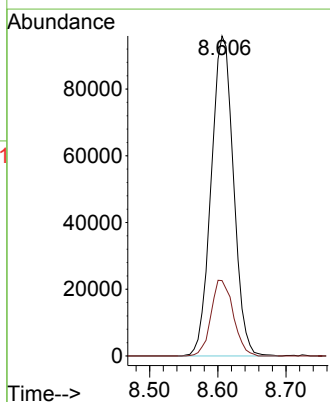
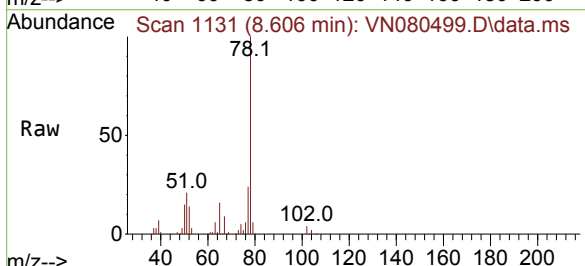
Acq: 15 Dec 2023 13:37

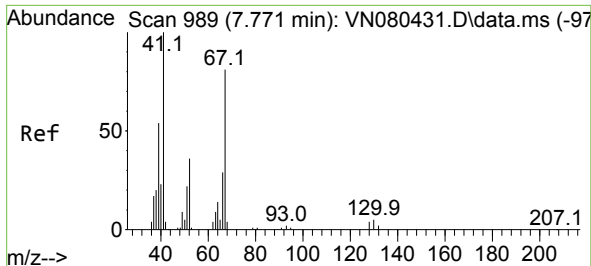
Tgt Ion: 78 Resp: 218428

Ion Ratio Lower Upper

78 100

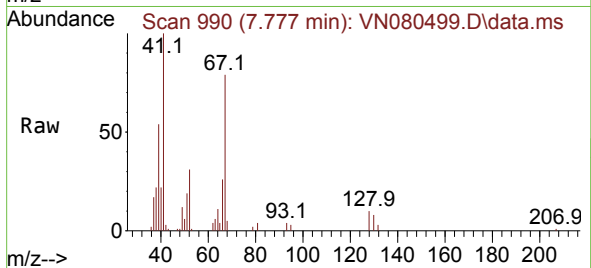
77 23.5 19.0 28.6



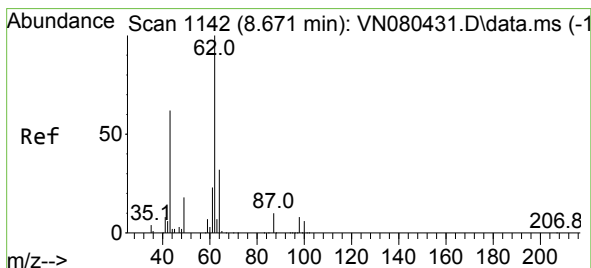
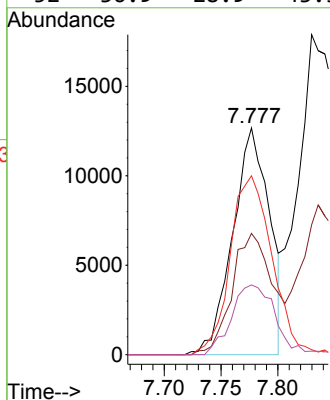
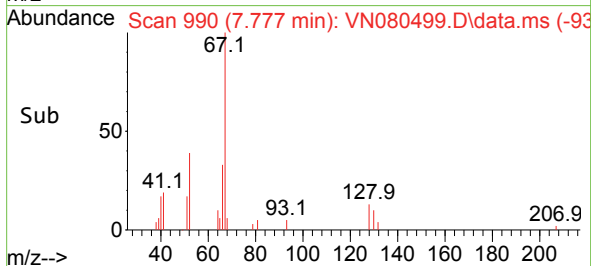


#41
Methacrylonitrile
Concen: 20.466 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

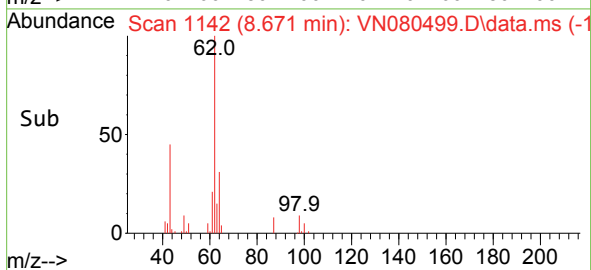
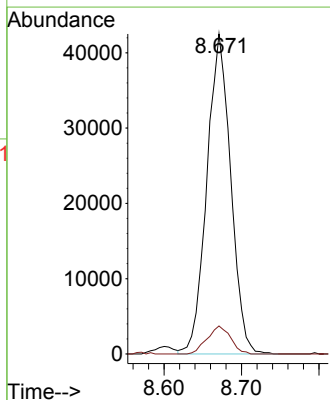
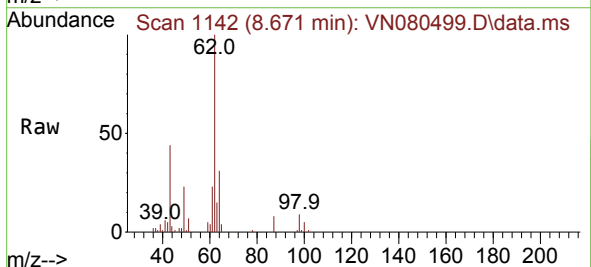


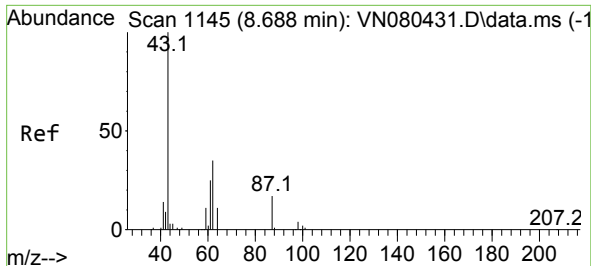
Tgt Ion:	41	Resp:	28480
Ion Ratio	Lower	Upper	
41	100		
39	59.4	42.6	64.0
67	90.1	77.5	116.3
52	36.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.104 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion:	62	Resp:	91110
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	19.8

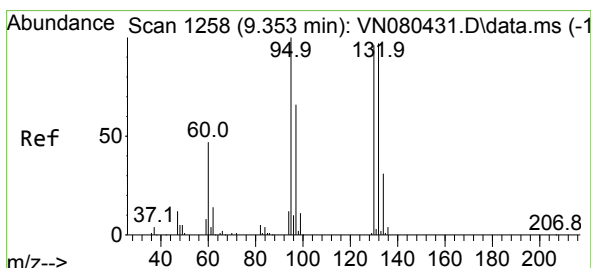
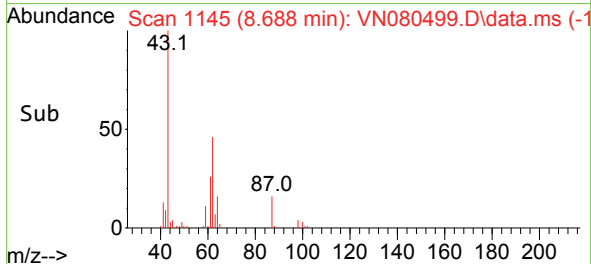
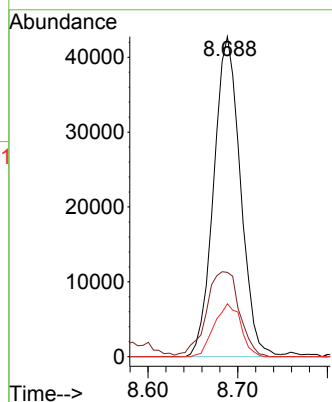
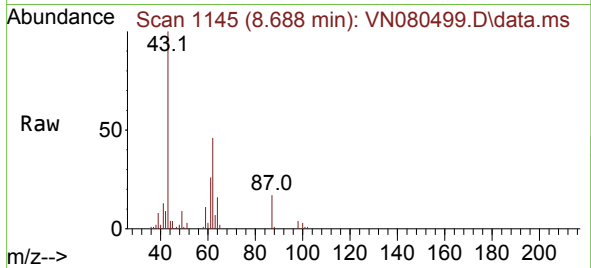




#43
Isopropyl Acetate
Concen: 20.348 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

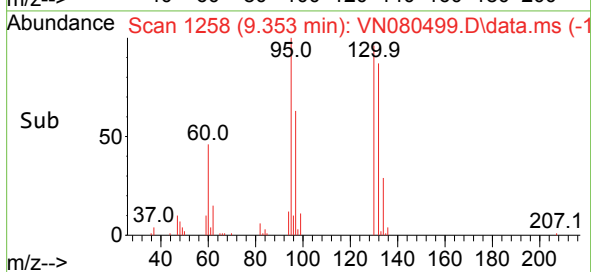
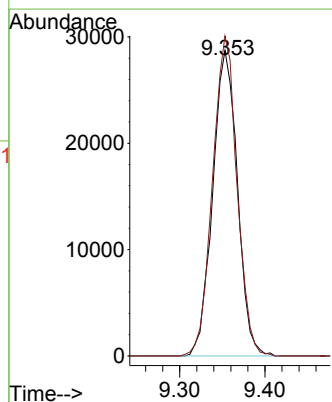
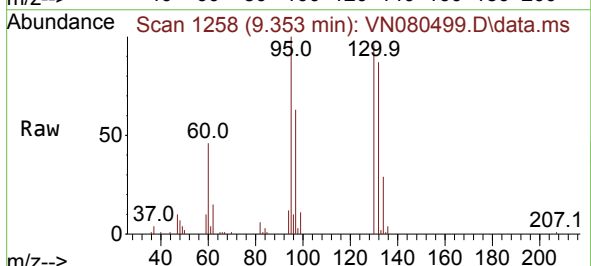
Instrument :
MSVOA_N
ClientSampleId :

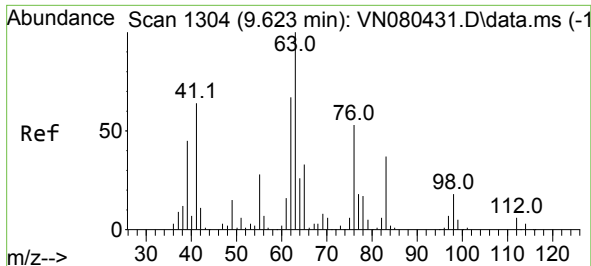
Tgt Ion: 43 Resp: 88314
Ion Ratio Lower Upper
43 100
61 33.0 24.7 37.1
87 16.6 14.6 21.8



#44
Trichloroethene
Concen: 19.263 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion:130 Resp: 57803
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6

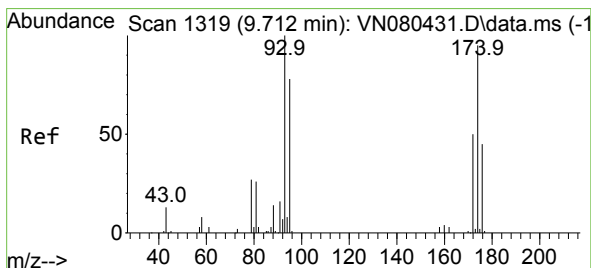
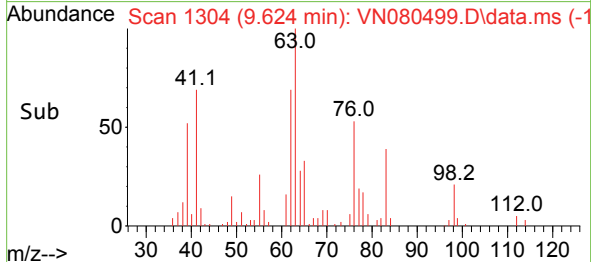
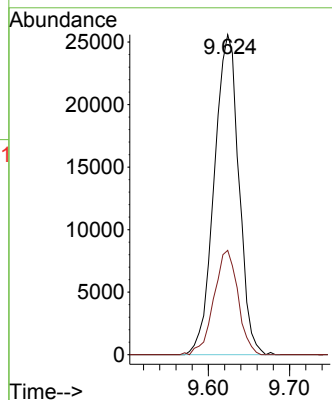
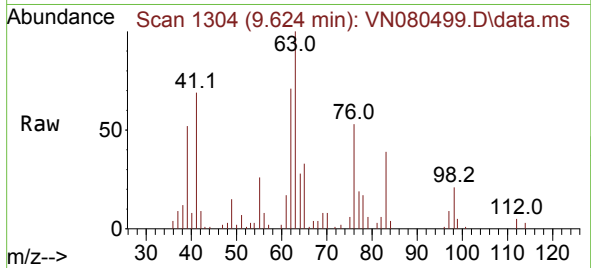




#45
1,2-Dichloropropane
Concen: 20.601 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

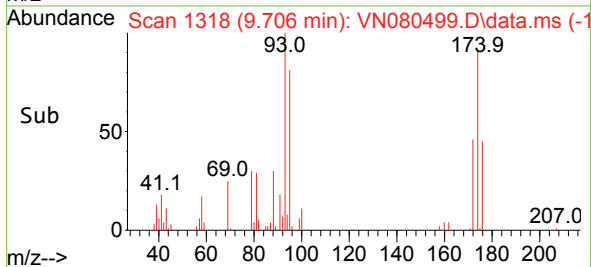
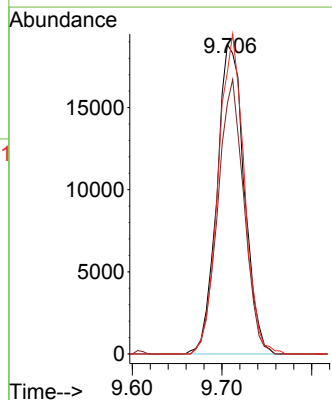
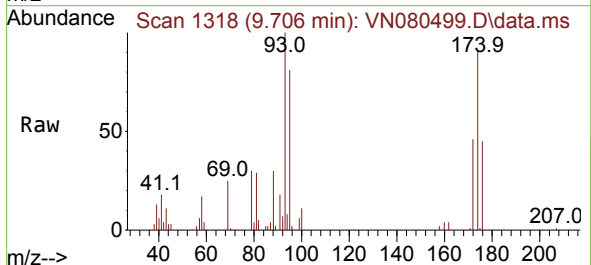
Instrument :
MSVOA_N
ClientSampleId :

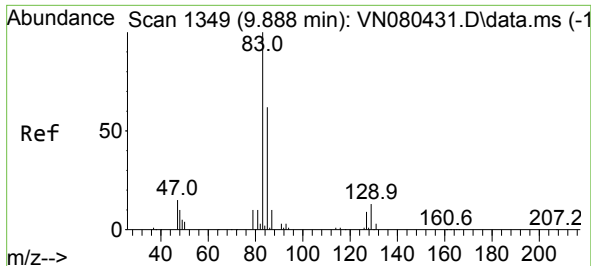
Tgt Ion: 63 Resp: 53858
Ion Ratio Lower Upper
63 100
65 32.6 23.9 35.9



#46
Dibromomethane
Concen: 21.182 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 93 Resp: 39769
Ion Ratio Lower Upper
93 100
95 84.6 63.8 95.8
174 98.0 65.6 98.4

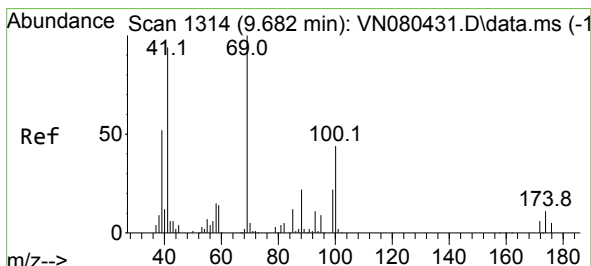
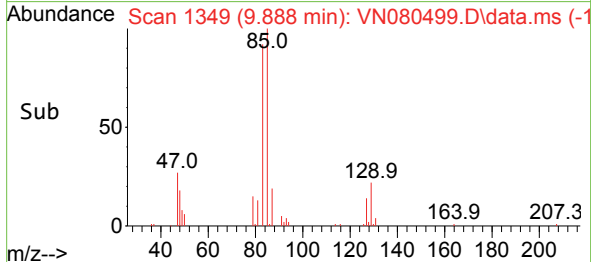
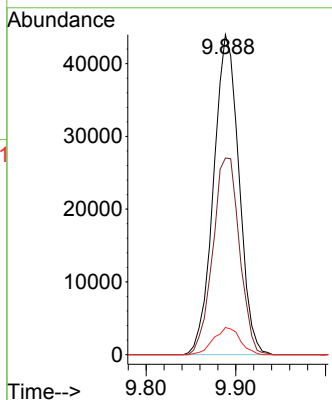
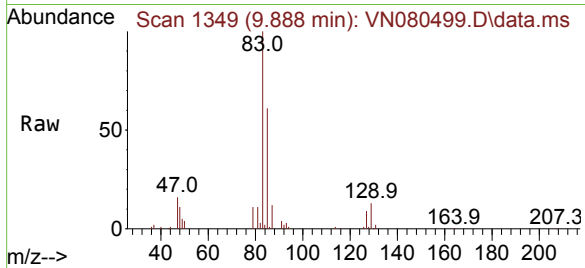




#47
Bromodichloromethane
Concen: 21.423 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

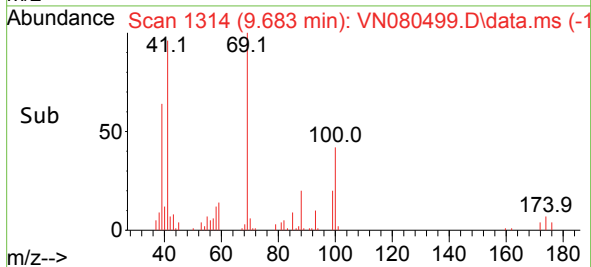
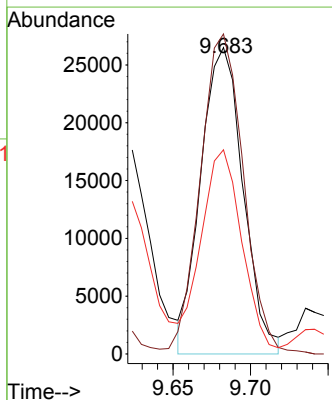
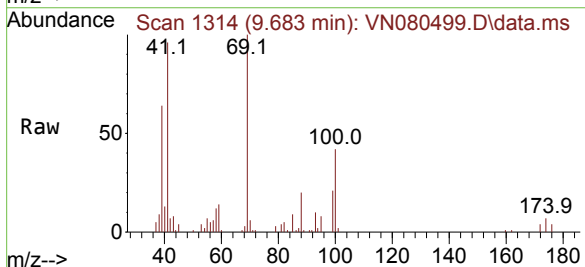
Instrument :
MSVOA_N
ClientSampleId :

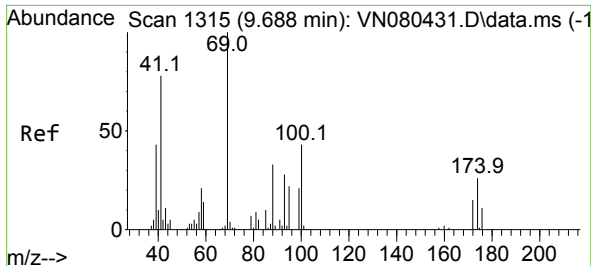
Tgt Ion: 83 Resp: 86199
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.404 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 41 Resp: 50257
Ion Ratio Lower Upper
41 100
69 106.7 90.4 135.6
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 416.788 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

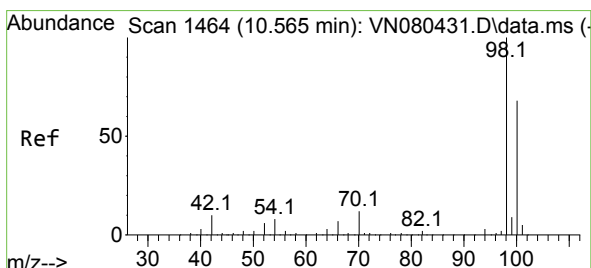
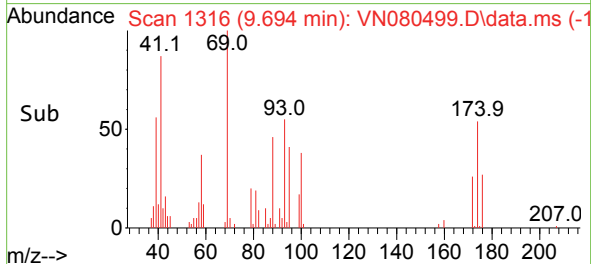
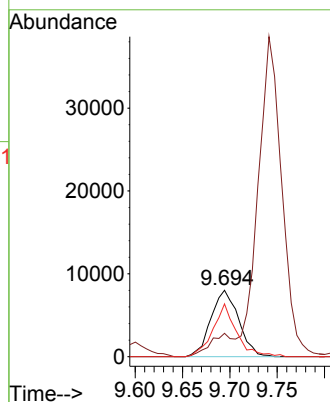
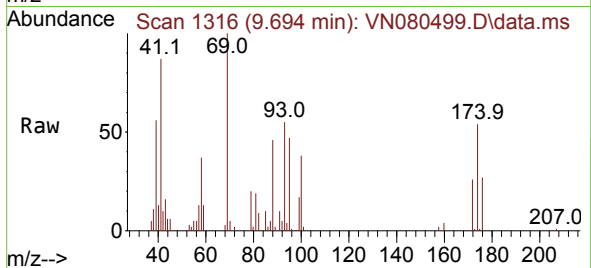
Tgt Ion: 88 Resp: 16362

Ion Ratio Lower Upper

88 100

43 30.5 17.0 25.6#

58 68.1 47.0 70.4



#50

Toluene-d8

Concen: 57.802 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080499.D

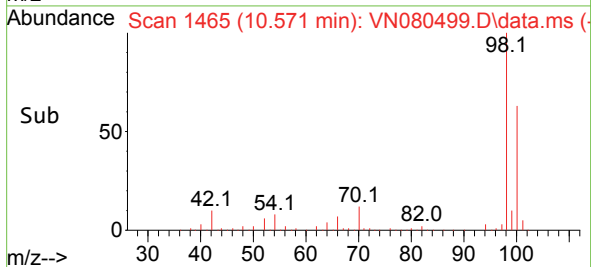
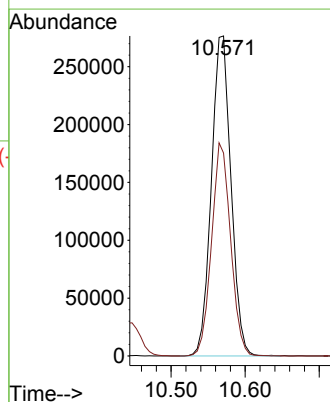
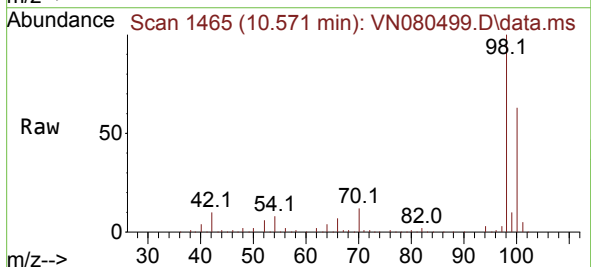
Acq: 15 Dec 2023 13:37

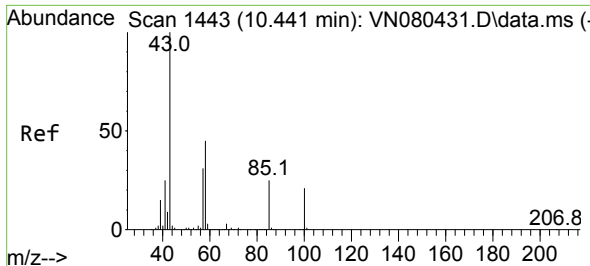
Tgt Ion: 98 Resp: 508213

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

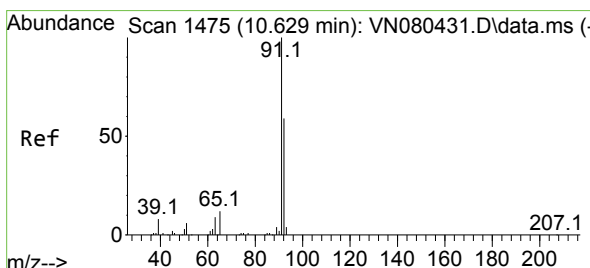
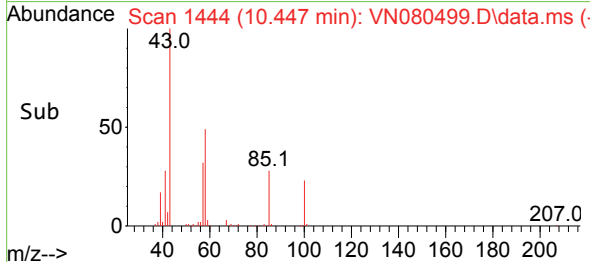
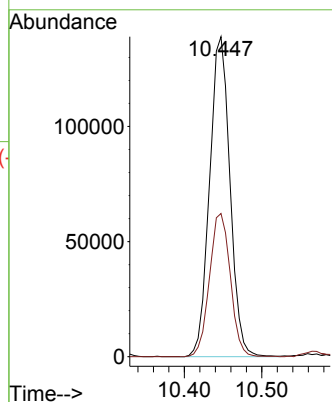
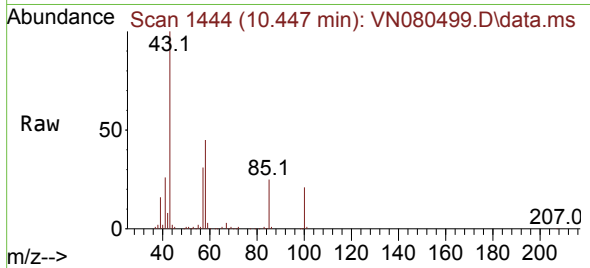




#51
4-Methyl-2-Pentanone
Concen: 106.376 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

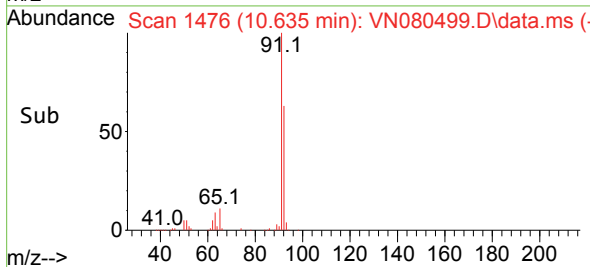
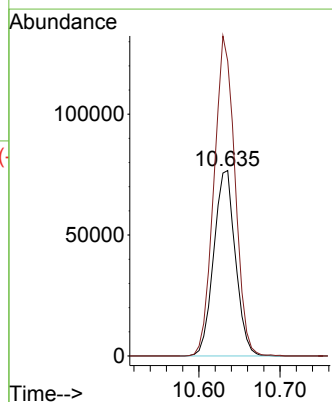
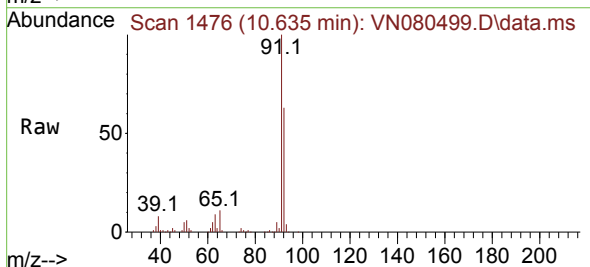
Instrument :
MSVOA_N
ClientSampleId :

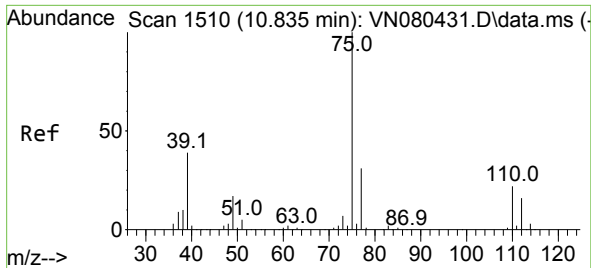
Tgt Ion: 43 Resp: 254269
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8



#52
Toluene
Concen: 20.230 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 92 Resp: 142256
Ion Ratio Lower Upper
92 100
91 167.5 137.4 206.0

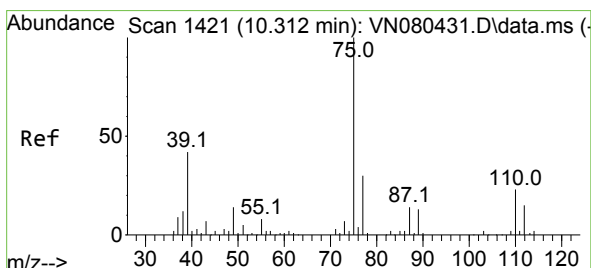
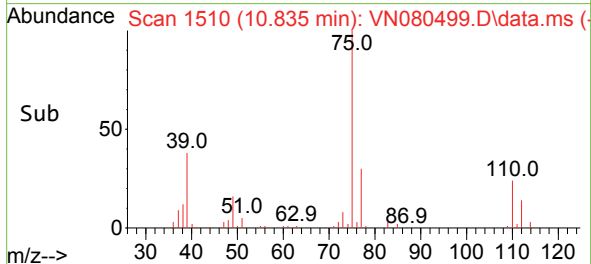
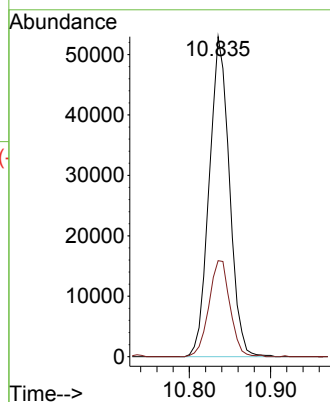
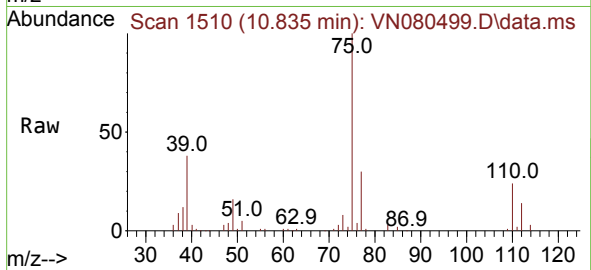




#53
t-1,3-Dichloropropene
Concen: 21.002 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

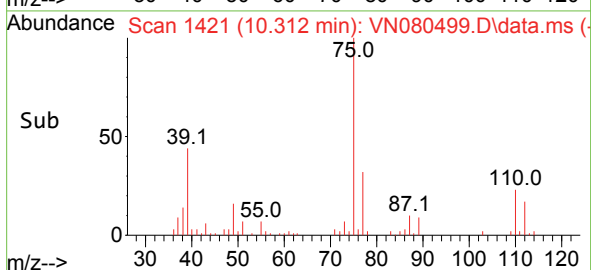
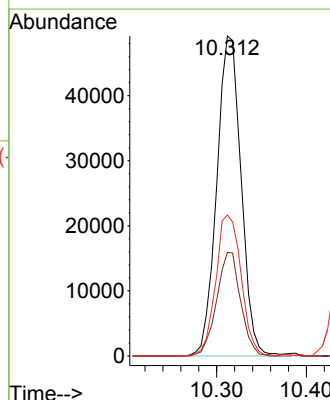
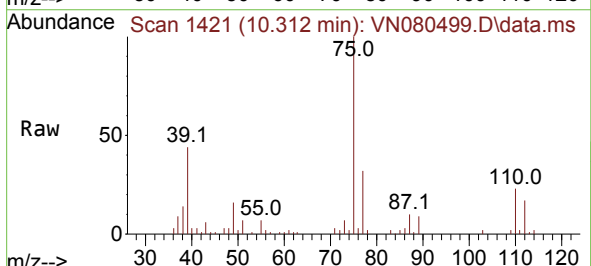
Instrument :
MSVOA_N
ClientSampleId :

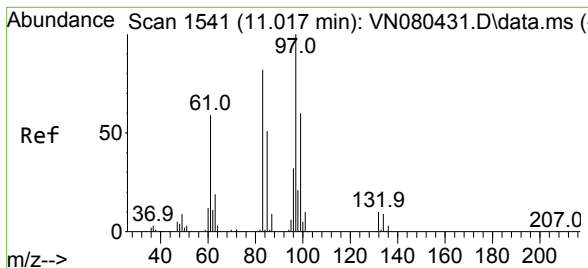
Tgt Ion: 75 Resp: 91434
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.893 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 75 Resp: 92566
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 44.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.639 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 54752

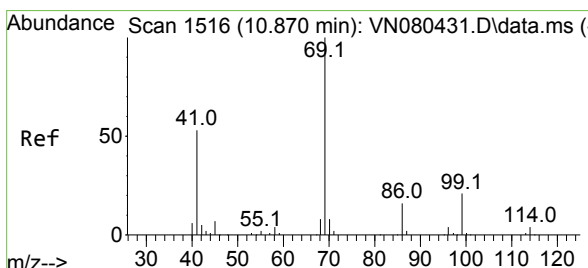
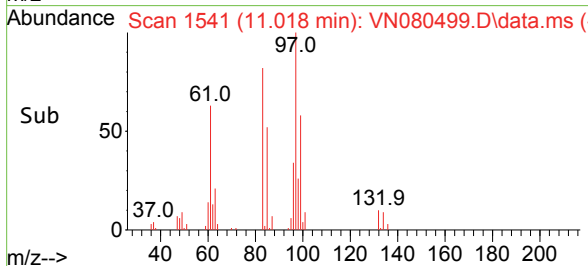
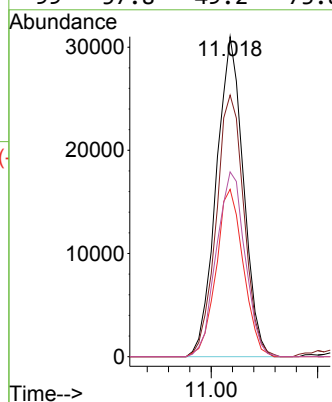
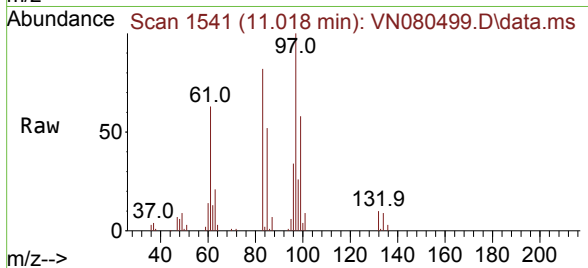
Ion Ratio Lower Upper

97 100

83 81.7 65.1 97.7

85 52.3 43.4 65.2

99 57.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.330 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

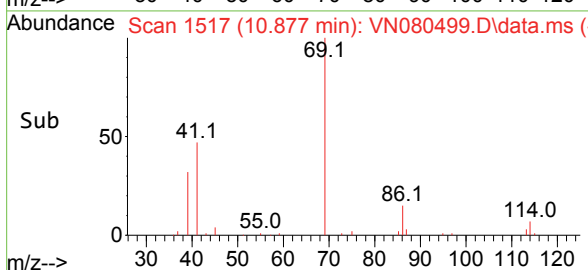
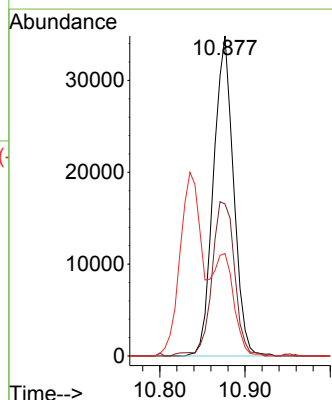
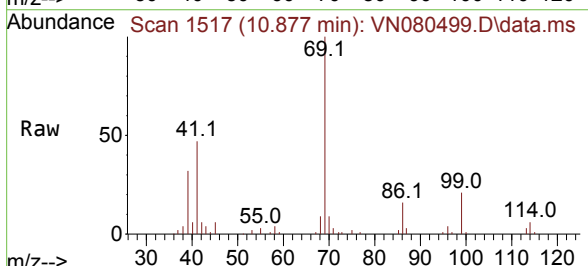
Tgt Ion: 69 Resp: 56950

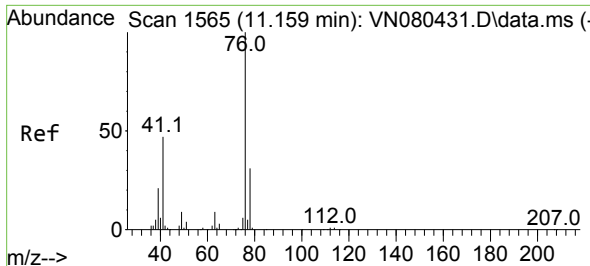
Ion Ratio Lower Upper

69 100

41 54.4 39.6 59.4

39 30.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.789 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

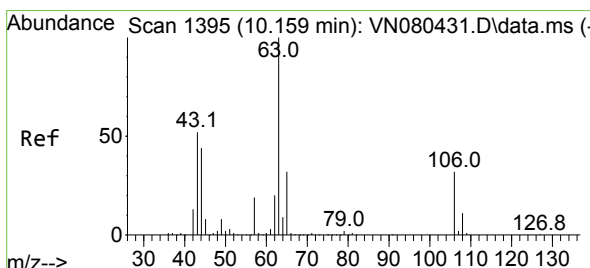
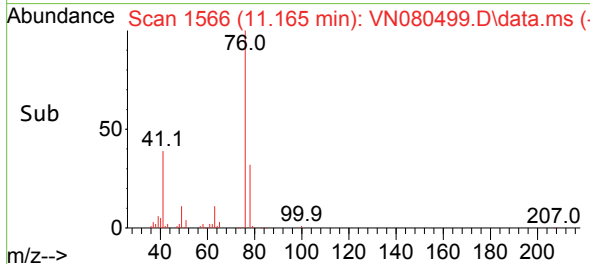
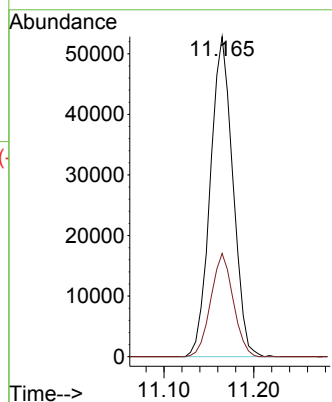
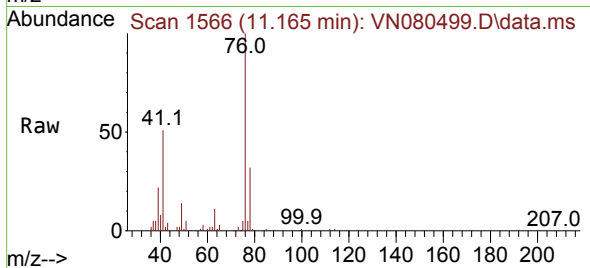
ClientSampleId :

Tgt Ion: 76 Resp: 92211

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.898 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080499.D

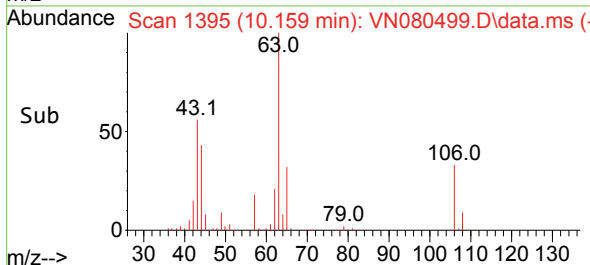
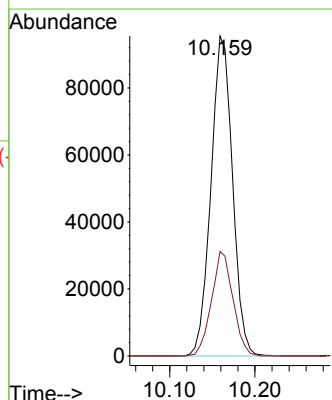
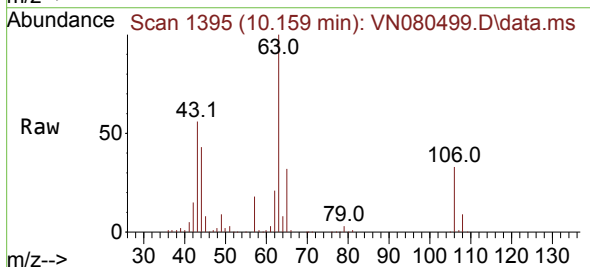
Acq: 15 Dec 2023 13:37

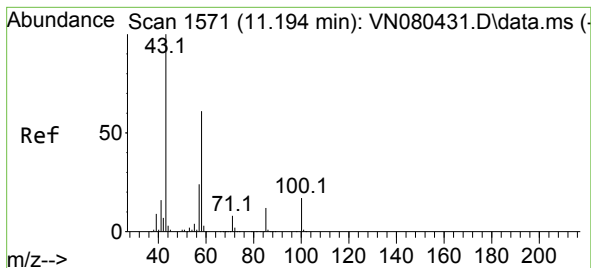
Tgt Ion: 63 Resp: 167823

Ion Ratio Lower Upper

63 100

106 32.5 26.2 39.4

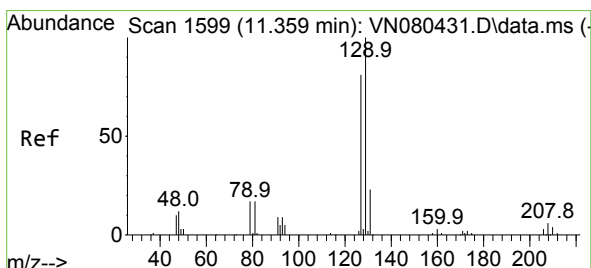
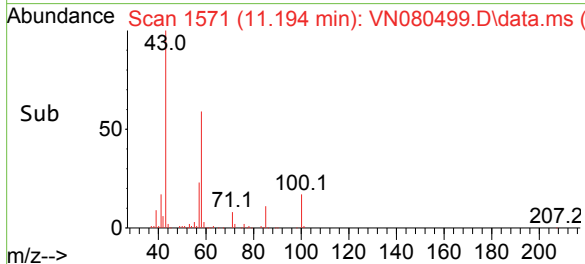
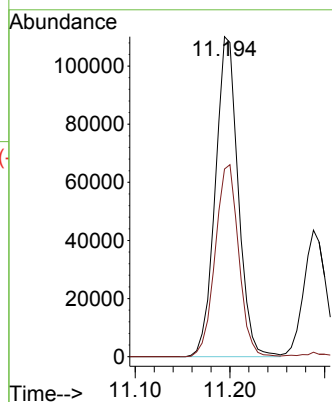
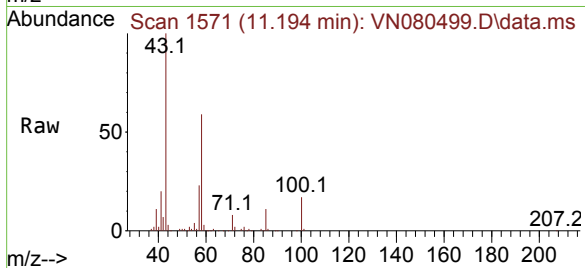




#59
2-Hexanone
Concen: 104.756 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

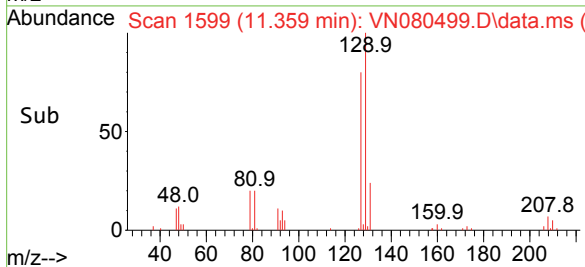
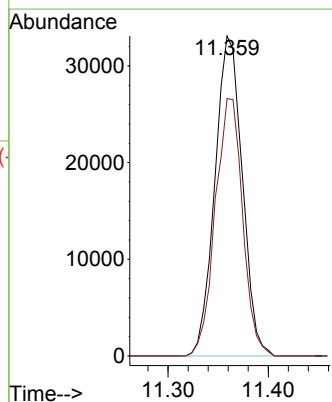
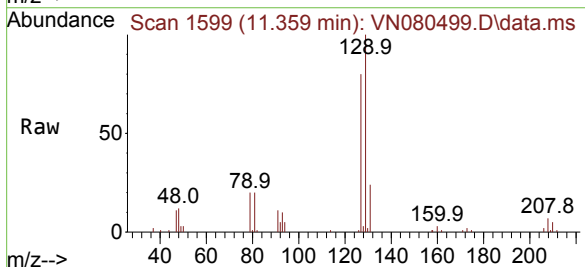
Instrument :
MSVOA_N
ClientSampleId :

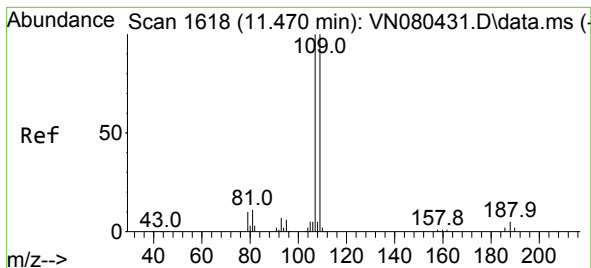
Tgt Ion: 43 Resp: 184855
Ion Ratio Lower Upper
43 100
58 61.5 31.7 95.1



#60
Dibromochloromethane
Concen: 20.908 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 129 Resp: 62688
Ion Ratio Lower Upper
129 100
127 80.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.852 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

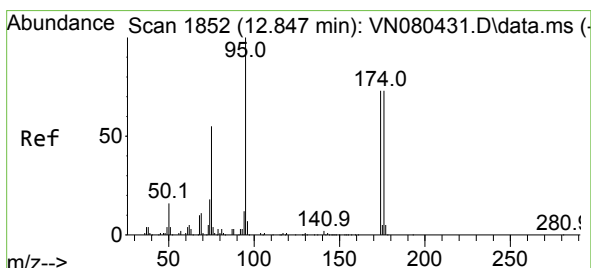
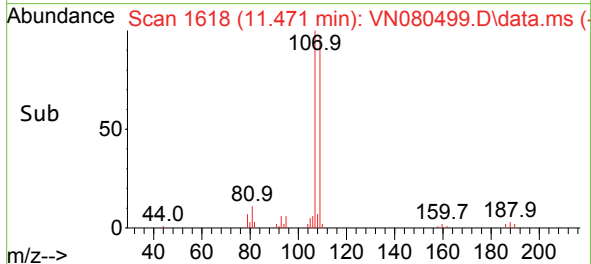
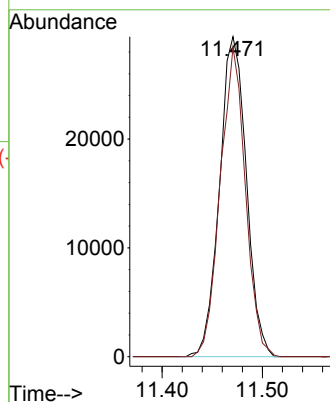
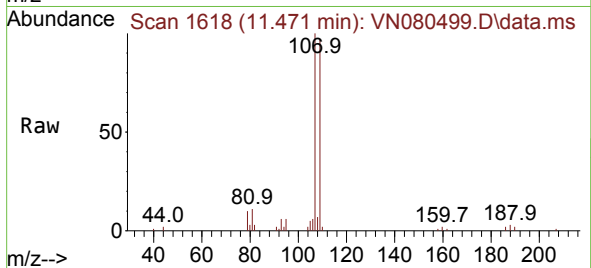
ClientSampleId :

Tgt Ion:107 Resp: 54605

Ion Ratio Lower Upper

107 100

109 90.7 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 55.683 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

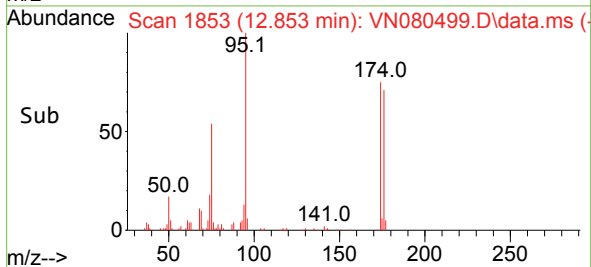
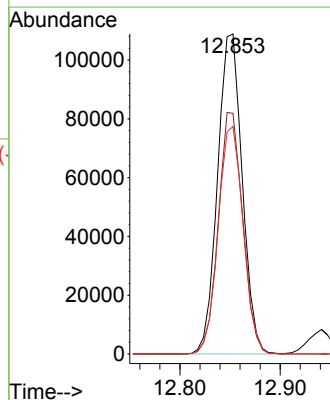
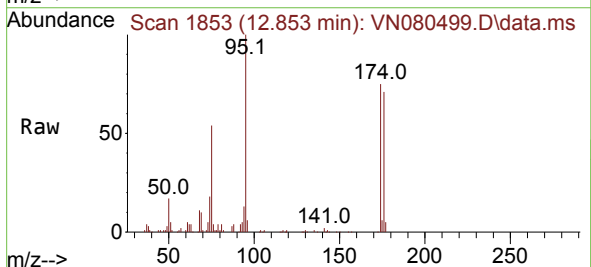
Tgt Ion: 95 Resp: 185909

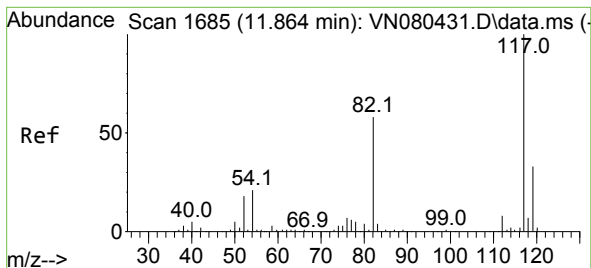
Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.8

176 72.0 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: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

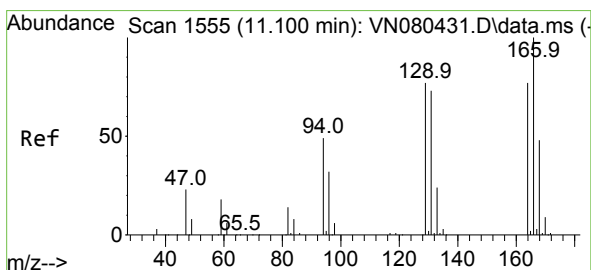
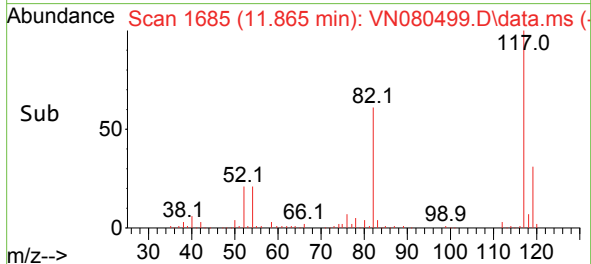
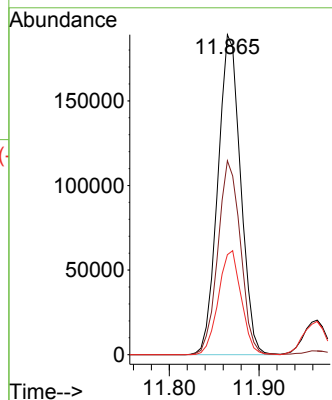
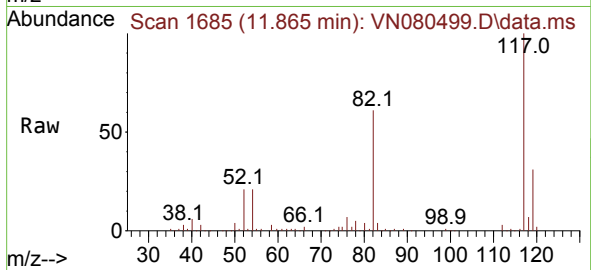
Tgt Ion:117 Resp: 333113

Ion Ratio Lower Upper

117 100

82 60.6 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 18.164 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Tgt Ion:164 Resp: 46716

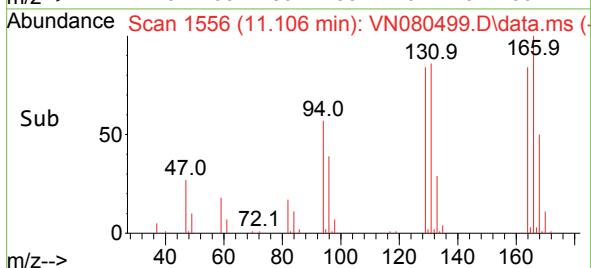
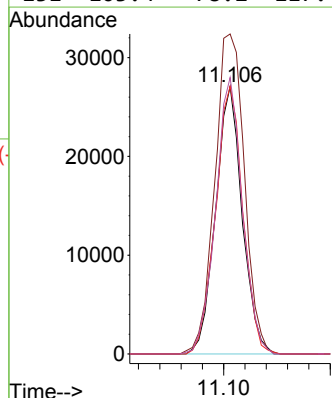
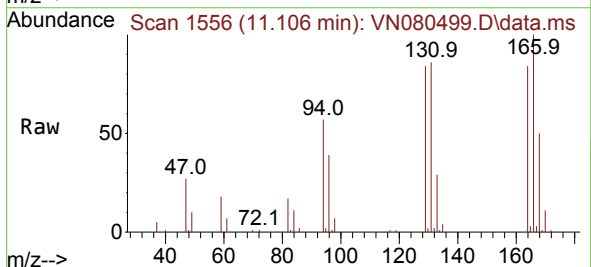
Ion Ratio Lower Upper

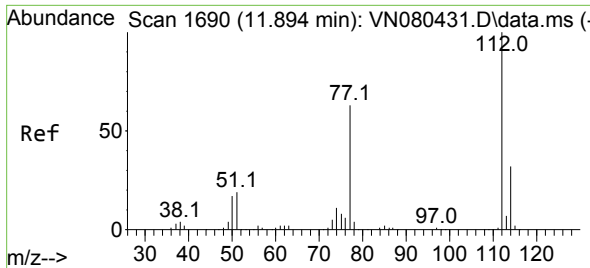
164 100

166 119.7 101.4 152.0

129 100.1 82.4 123.6

131 103.4 78.2 117.4

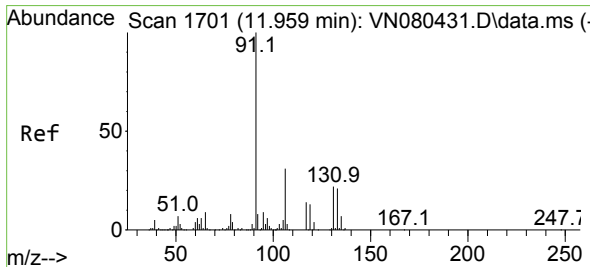
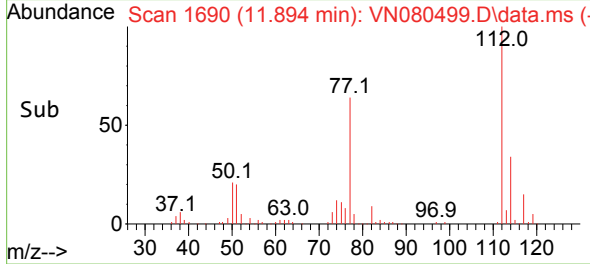
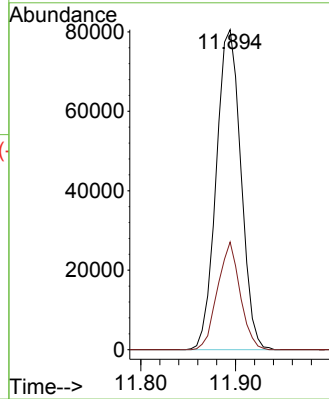
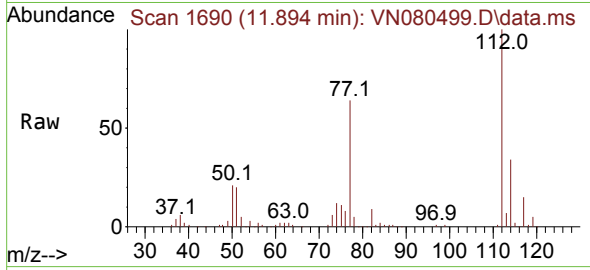




#65
Chlorobenzene
Concen: 19.674 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

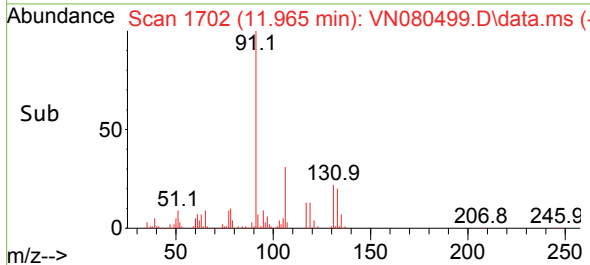
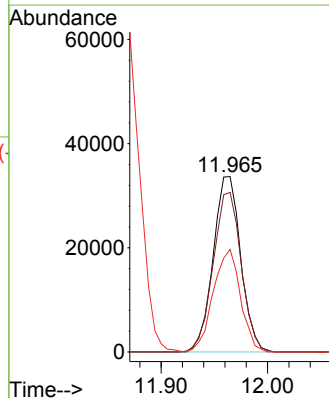
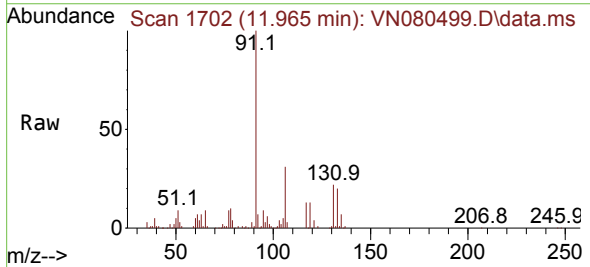
Instrument :
MSVOA_N
ClientSampleId :

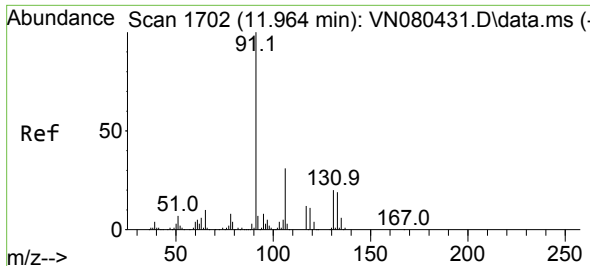
Tgt Ion:112 Resp: 145788
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.778 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion:131 Resp: 60415
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 57.8 34.1 102.2

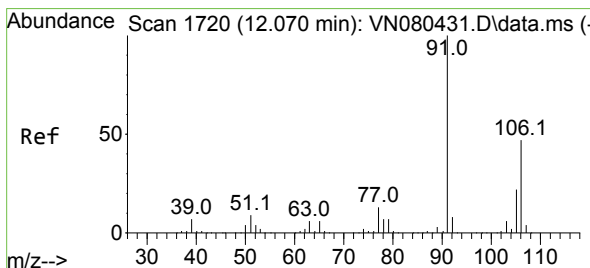
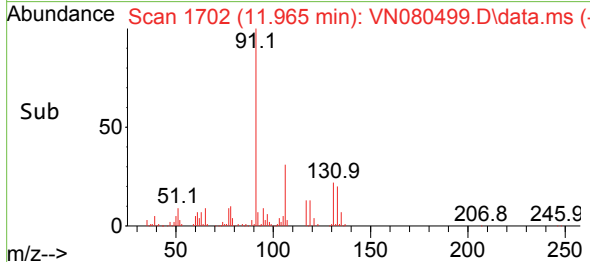
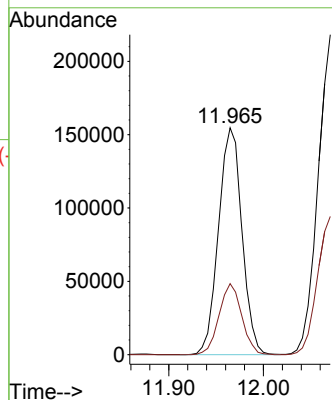
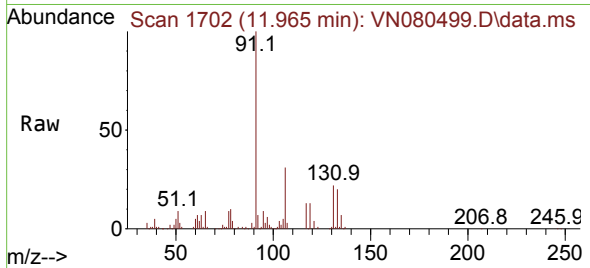




#67
Ethyl Benzene
Concen: 19.540 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

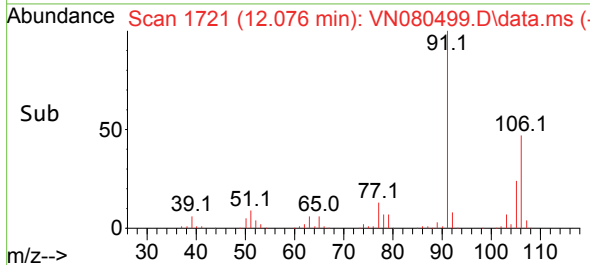
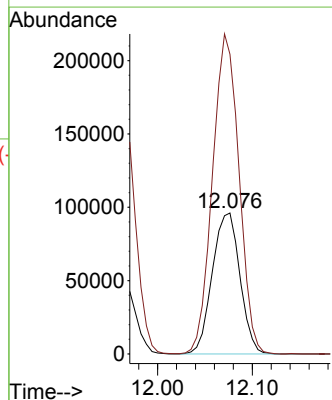
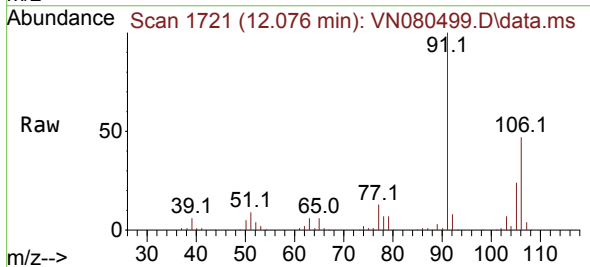
Instrument :
MSVOA_N
ClientSampleId :

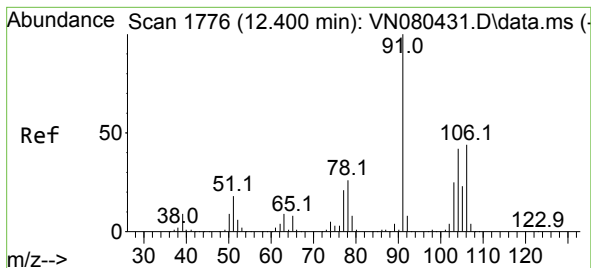
Tgt Ion: 91 Resp: 266238
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 38.679 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion:106 Resp: 194744
Ion Ratio Lower Upper
106 100
91 218.1 159.6 239.4





#69

o-Xylene

Concen: 19.408 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

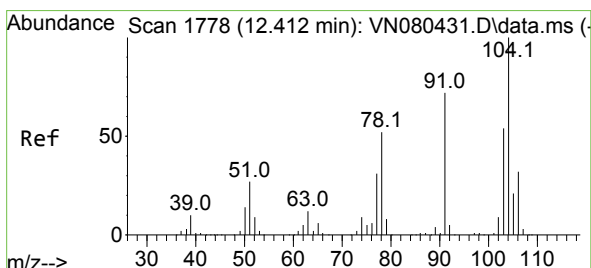
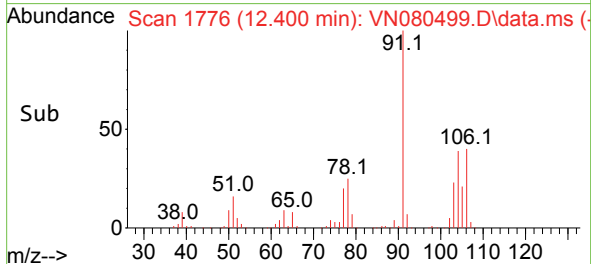
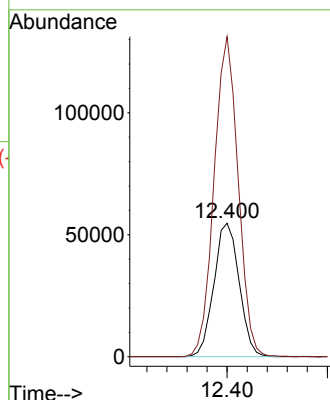
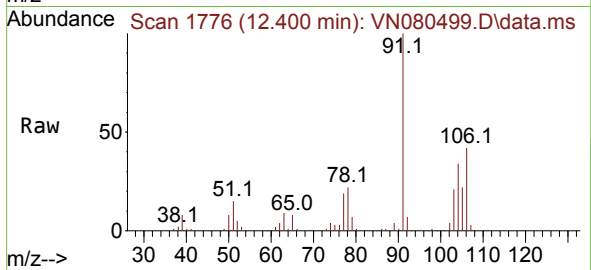
ClientSampleId :

Tgt Ion:106 Resp: 95581

Ion Ratio Lower Upper

106 100

91 228.8 105.2 315.5



#70

Styrene

Concen: 19.460 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

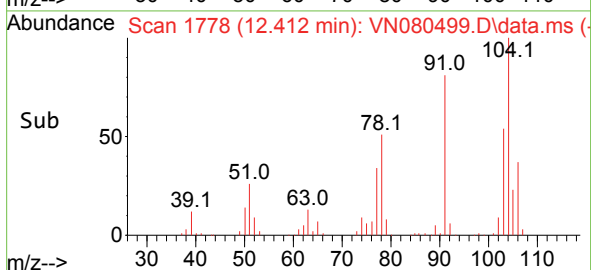
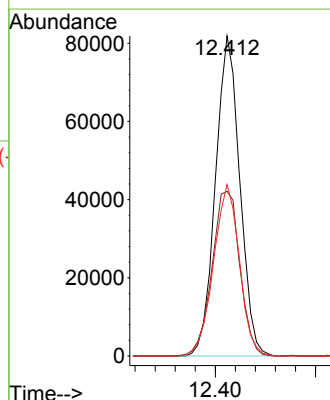
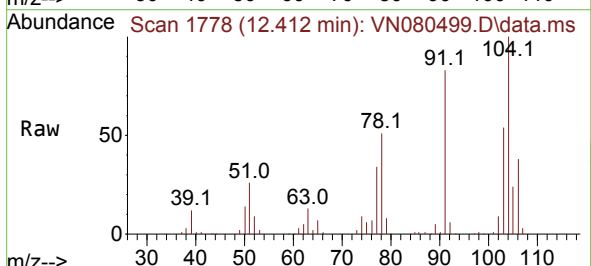
Tgt Ion:104 Resp: 138042

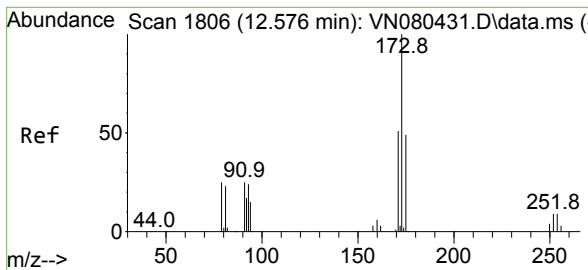
Ion Ratio Lower Upper

104 100

78 58.8 39.5 59.3

103 56.9 43.2 64.8





#71

Bromoform

Concen: 20.008 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

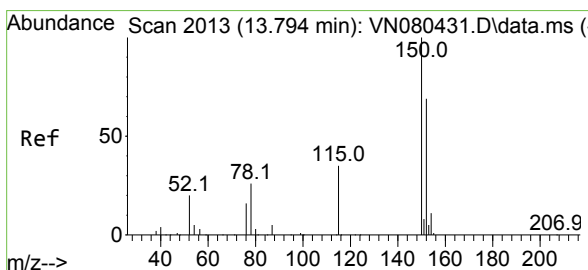
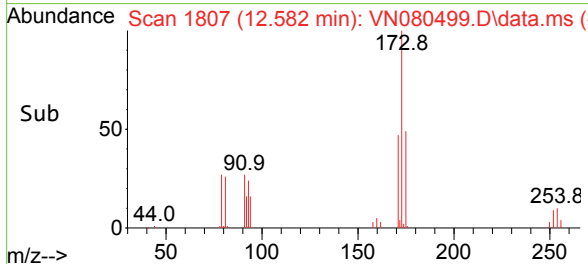
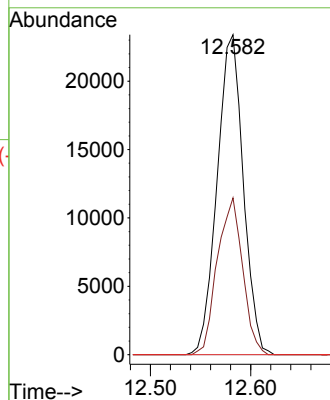
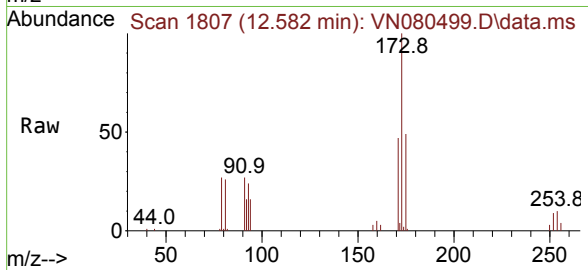
Tgt Ion:173 Resp: 42425

Ion Ratio Lower Upper

173 100

175 47.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

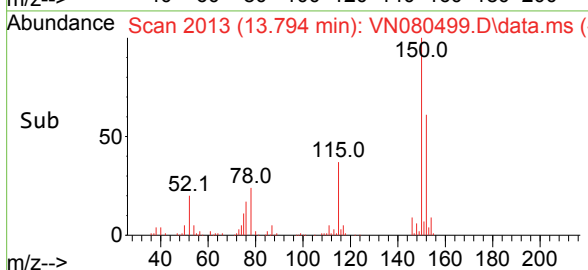
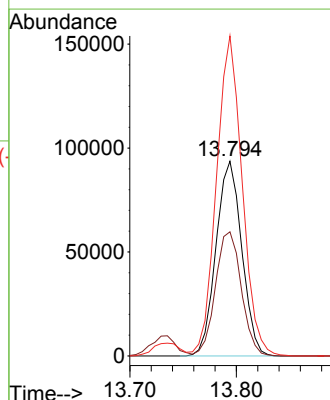
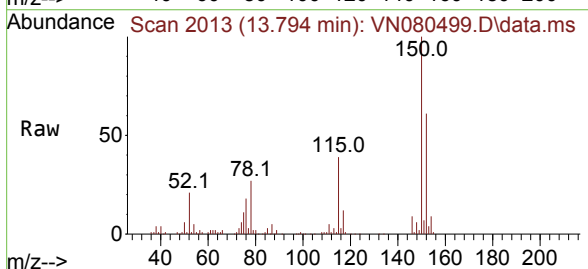
Tgt Ion:152 Resp: 157064

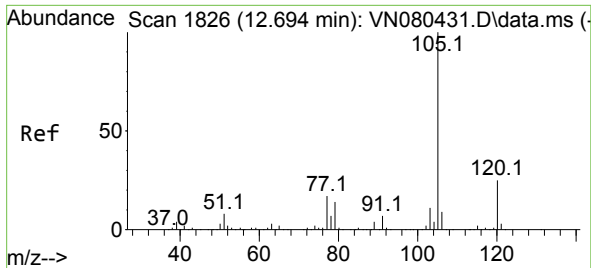
Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

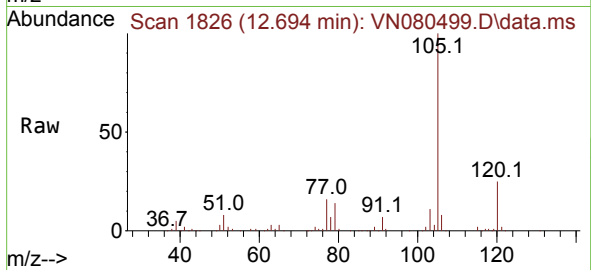
150 164.2 0.0 355.8



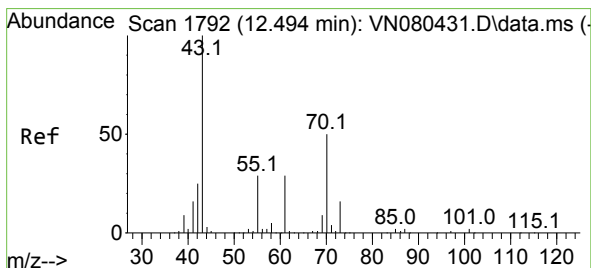
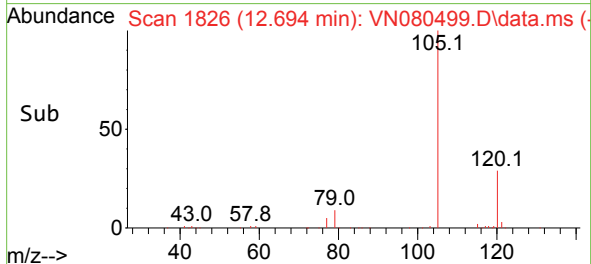
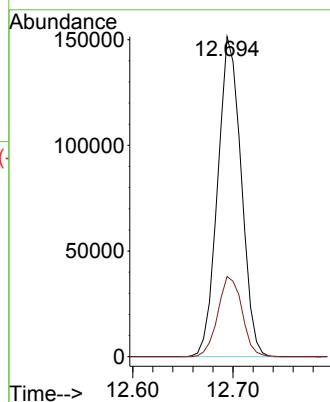


#73
Isopropylbenzene
Concen: 19.516 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

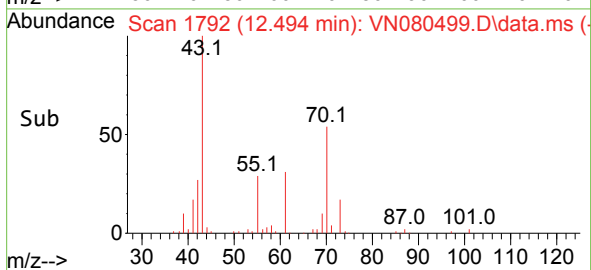
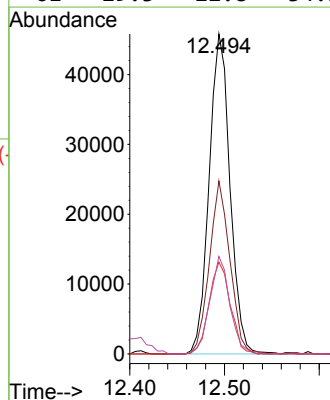
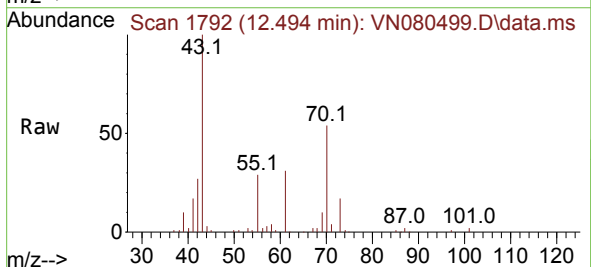


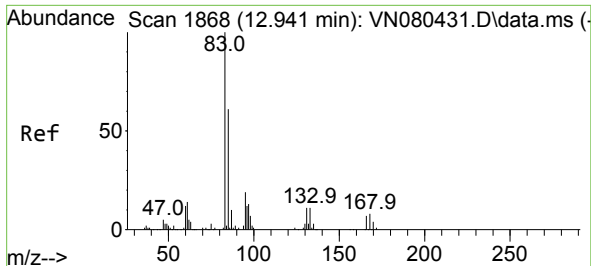
Tgt Ion:105 Resp: 246246
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 19.086 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 43 Resp: 70321
Ion Ratio Lower Upper
43 100
70 53.0 43.4 65.2
55 29.3 21.4 32.0
61 29.3 22.8 34.2

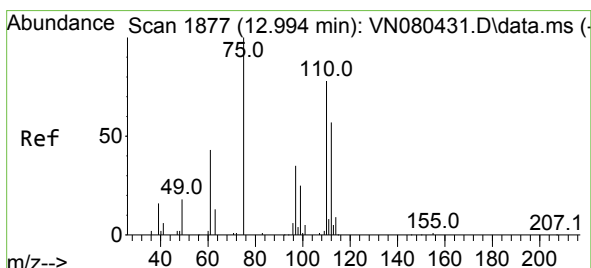
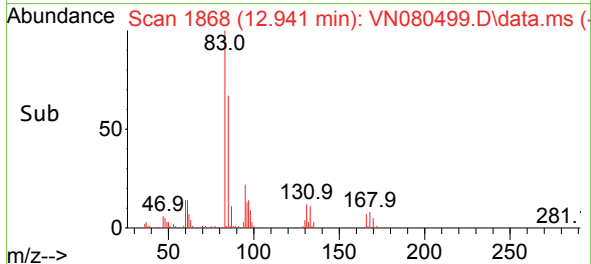
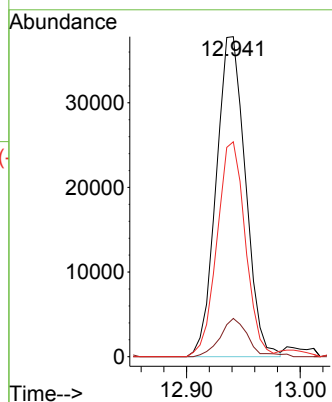
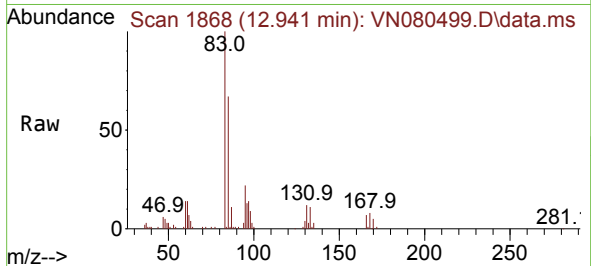




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.052 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

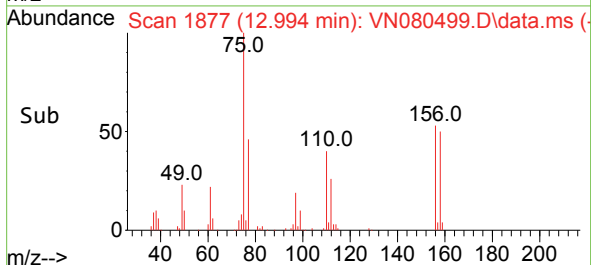
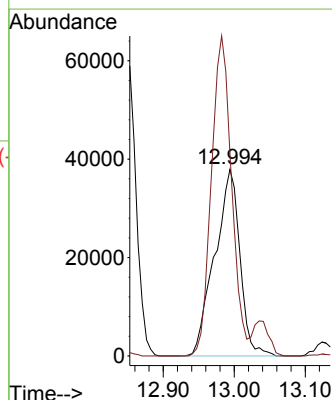
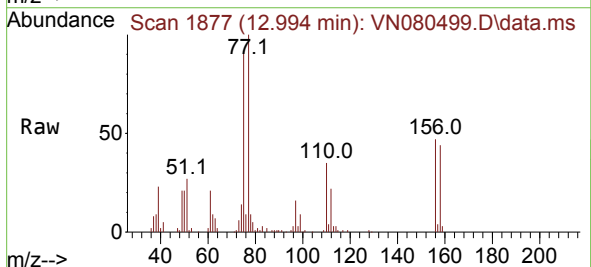
Instrument :
 MSVOA_N
 ClientSampleId :

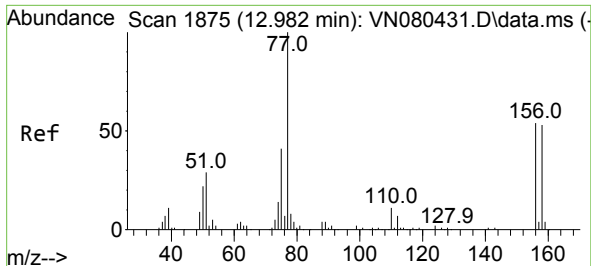
Tgt Ion: 83 Resp: 67794
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.0 15.0
 85 64.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 29.742 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

Tgt Ion: 75 Resp: 93194
 Ion Ratio Lower Upper
 75 100
 77 137.7 84.5 253.5

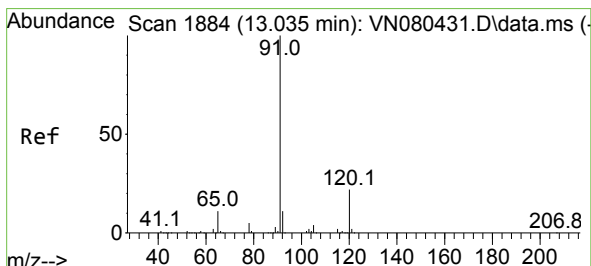
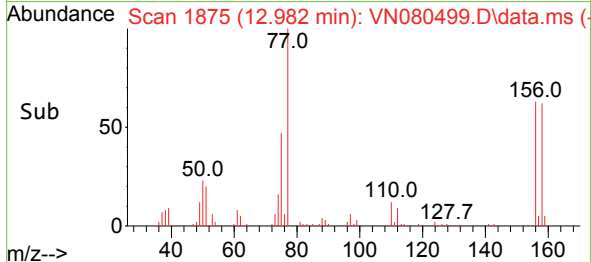
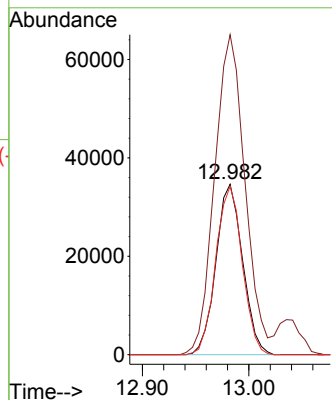
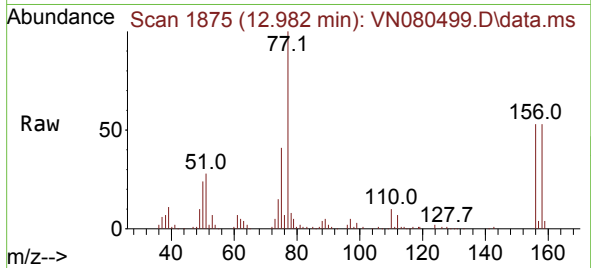




#77
Bromobenzene
Concen: 19.434 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

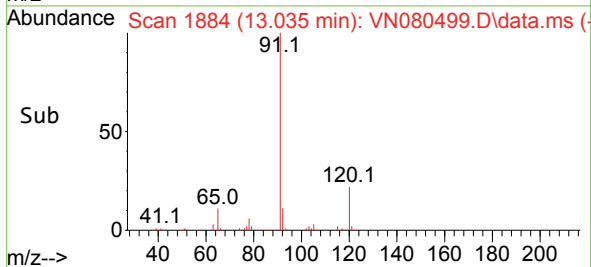
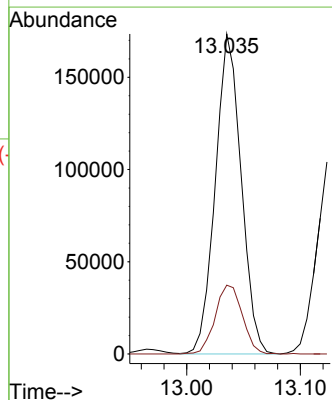
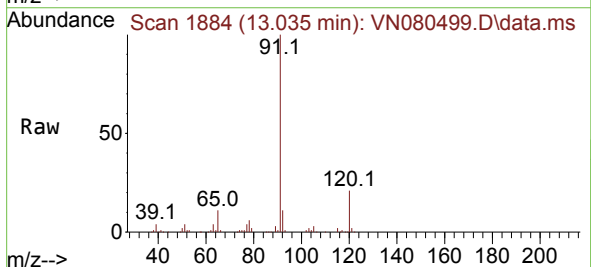
Instrument :
MSVOA_N
ClientSampleId :

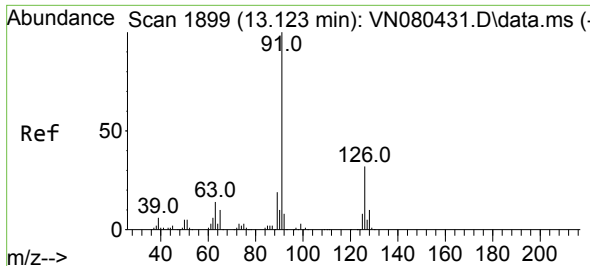
Tgt Ion:156 Resp: 60319
Ion Ratio Lower Upper
156 100
77 212.8 107.7 323.3
158 97.6 48.4 145.3



#78
n-propylbenzene
Concen: 19.703 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 91 Resp: 274100
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

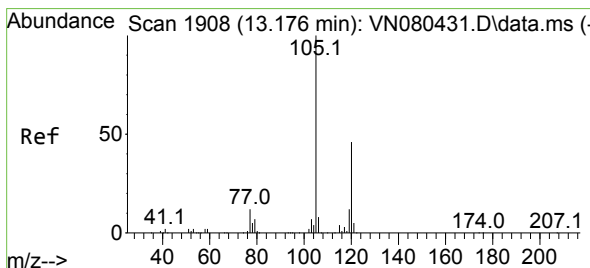
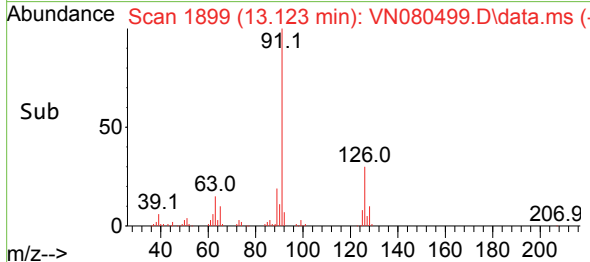
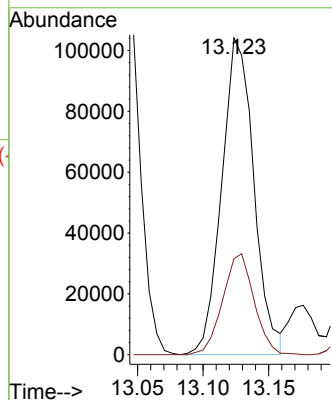
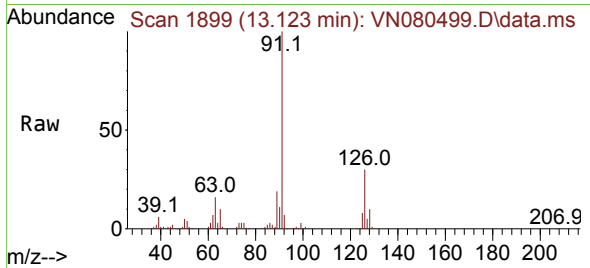




#79
2-Chlorotoluene
Concen: 19.559 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

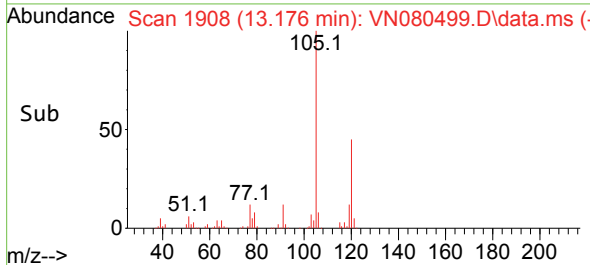
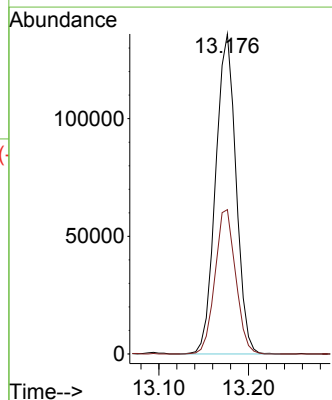
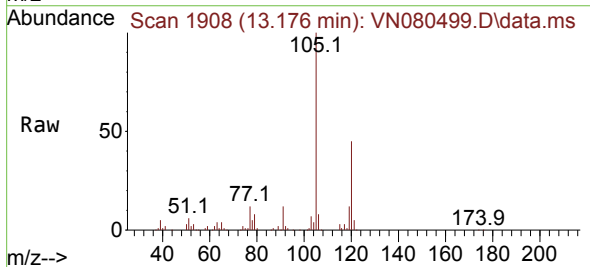
Instrument :
MSVOA_N
ClientSampleId :

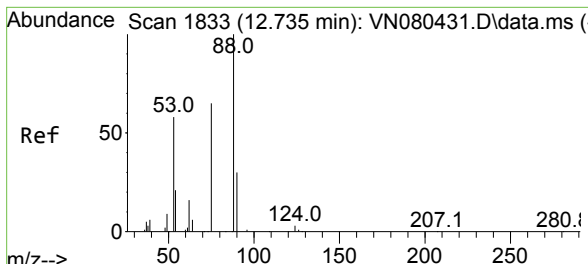
Tgt Ion: 91 Resp: 177636
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.729 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion: 105 Resp: 214386
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3

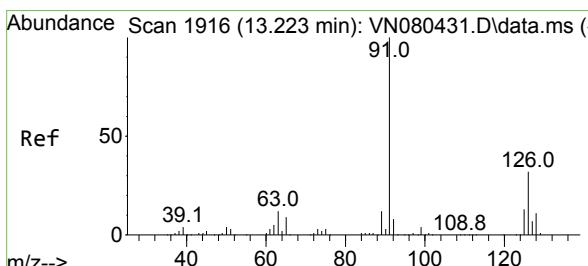
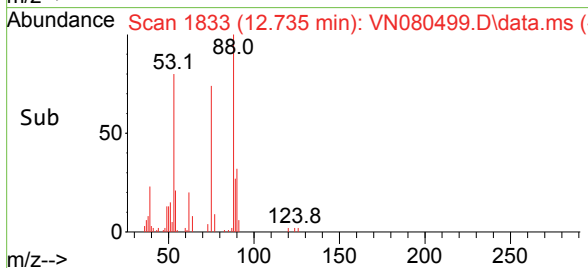
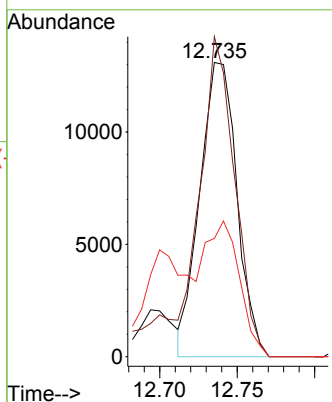
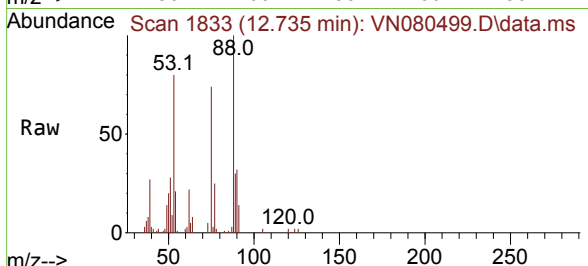




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.234 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

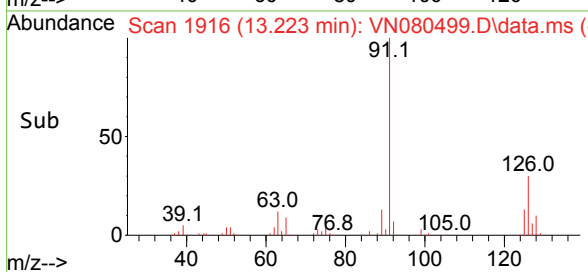
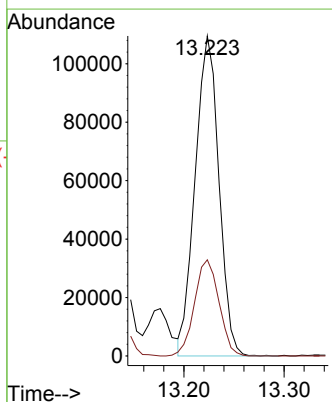
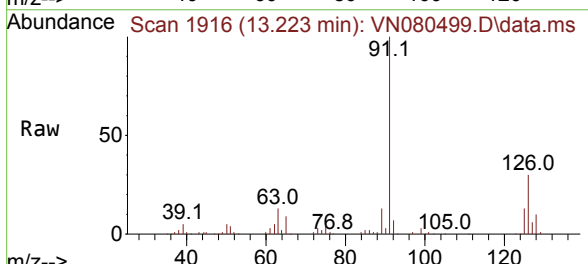
Instrument :
 MSVOA_N
 ClientSampleId :

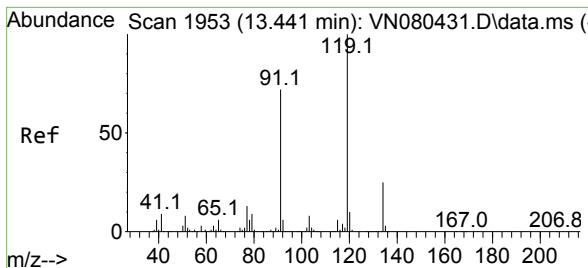
Tgt Ion:	75	Resp:	21761
Ion	Ratio	Lower	Upper
75	100		
53	115.8	67.4	101.2#
89	42.5	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 19.328 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

Tgt Ion:	91	Resp:	180435
Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.7	50.0





#83

tert-Butylbenzene

Concen: 19.231 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

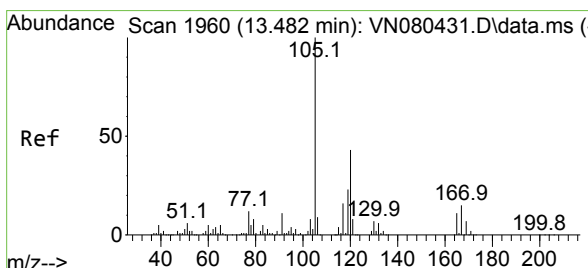
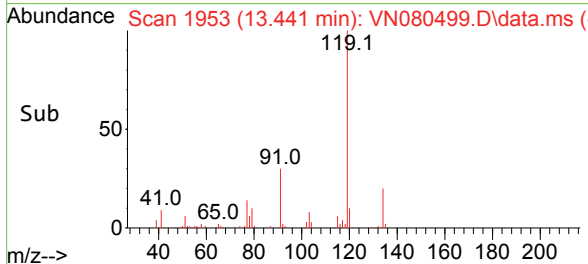
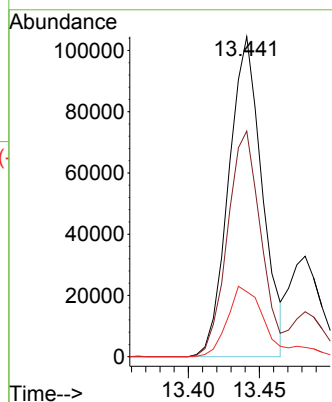
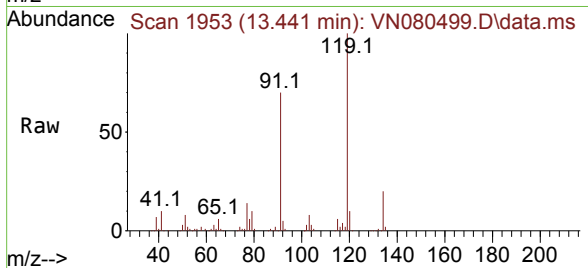
Tgt Ion:119 Resp: 171142

Ion Ratio Lower Upper

119 100

91 70.2 33.9 101.7

134 25.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.022 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080499.D

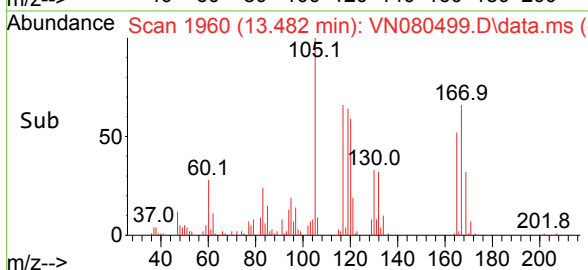
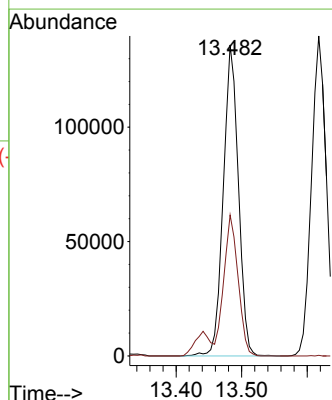
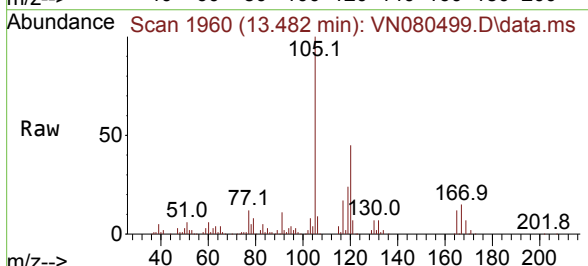
Acq: 15 Dec 2023 13:37

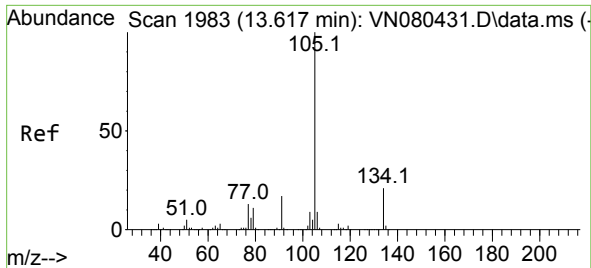
Tgt Ion:105 Resp: 216445

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0

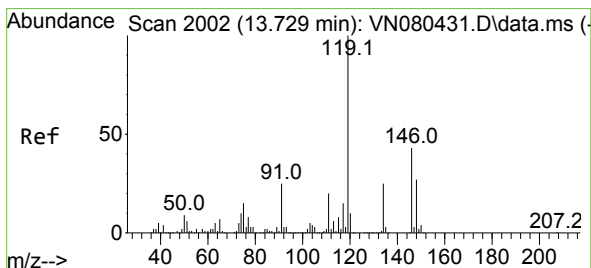
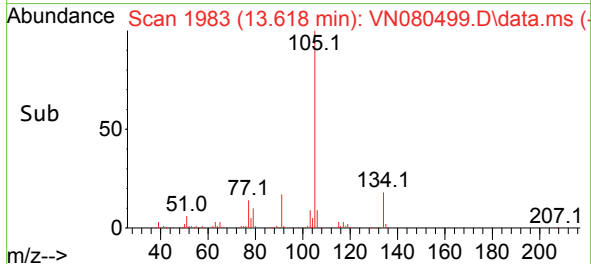
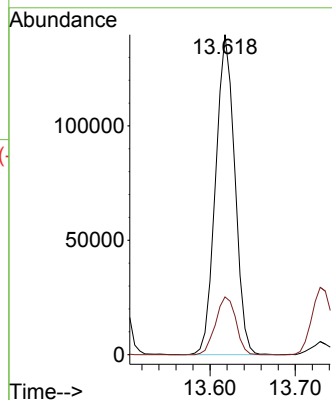
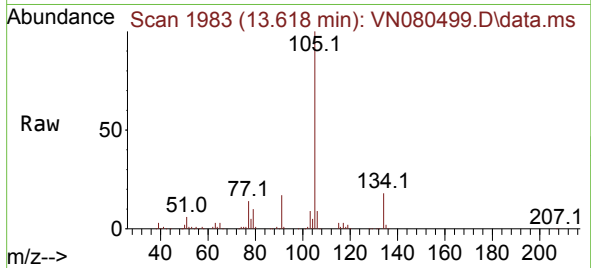




#85
 sec-Butylbenzene
 Concen: 19.251 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

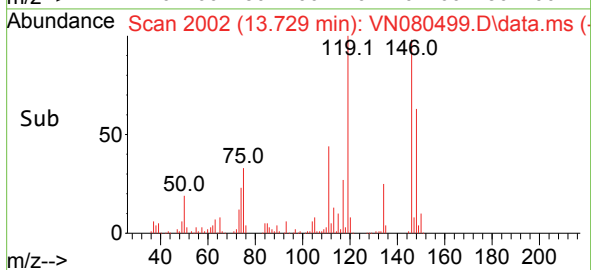
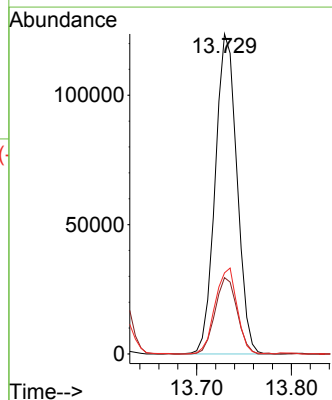
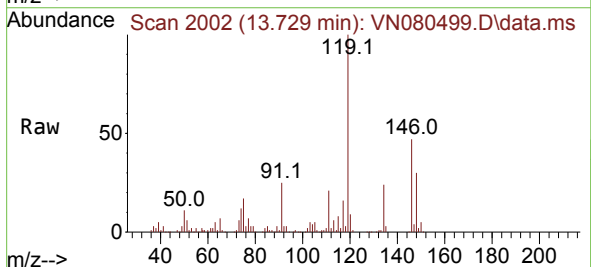
Instrument :
 MSVOA_N
 ClientSampleId :

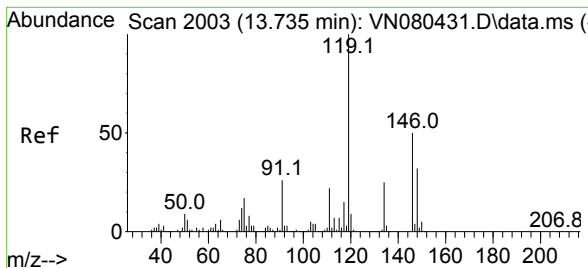
Tgt Ion:105 Resp: 219160
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.185 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080499.D
 Acq: 15 Dec 2023 13:37

Tgt Ion:119 Resp: 197207
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.6 37.8
 91 27.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.712 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

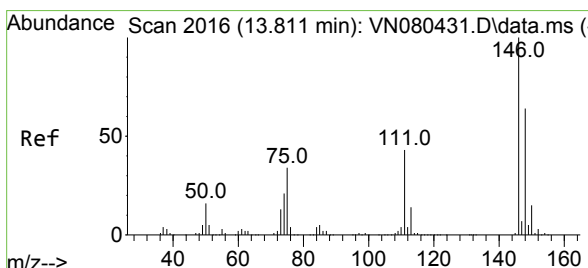
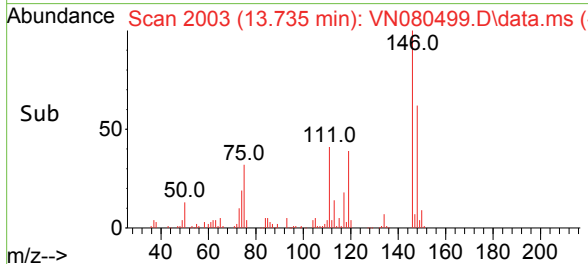
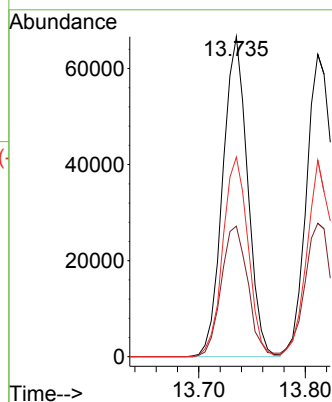
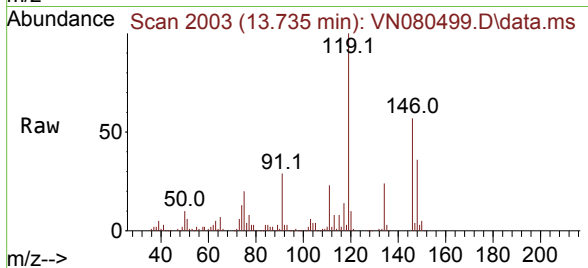
Tgt Ion:146 Resp: 107798

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.3

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.386 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

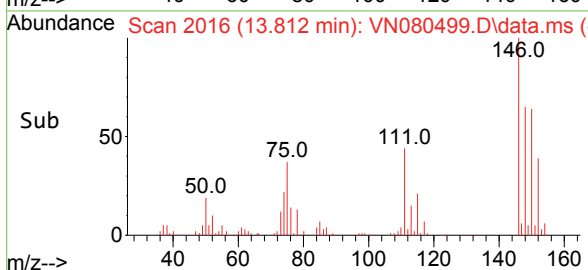
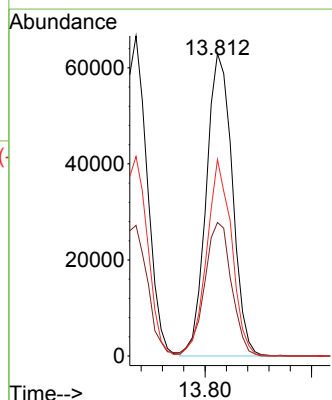
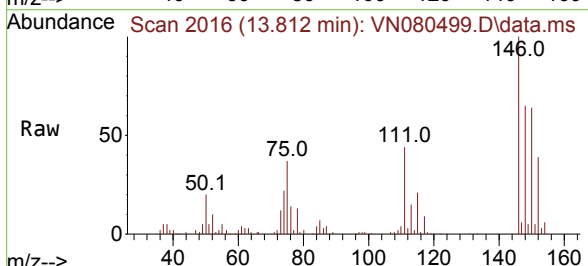
Tgt Ion:146 Resp: 107014

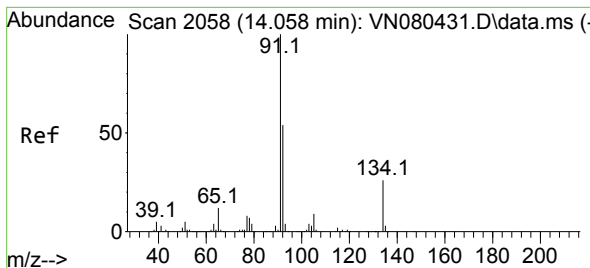
Ion Ratio Lower Upper

146 100

111 45.9 20.6 61.8

148 62.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.561 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

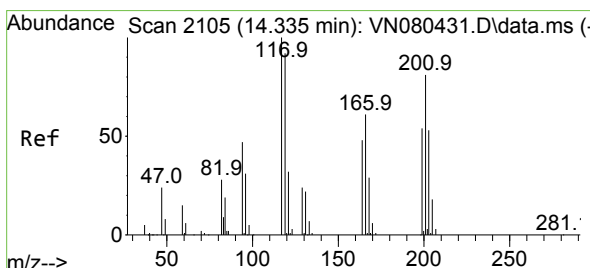
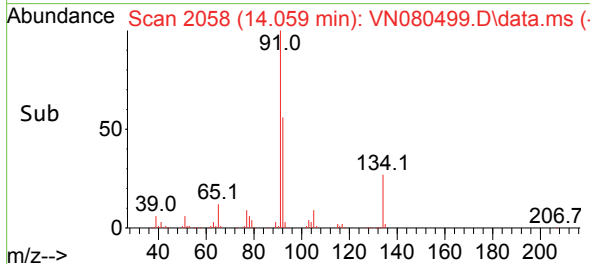
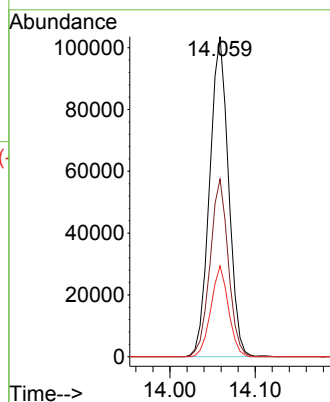
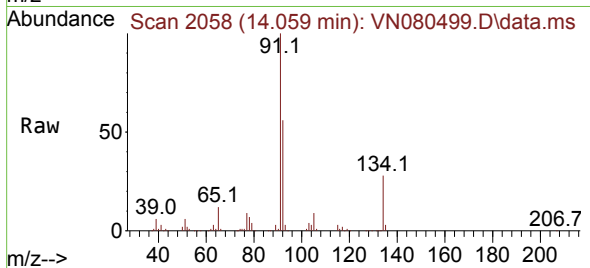
Tgt Ion: 91 Resp: 159327

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 19.102 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080499.D

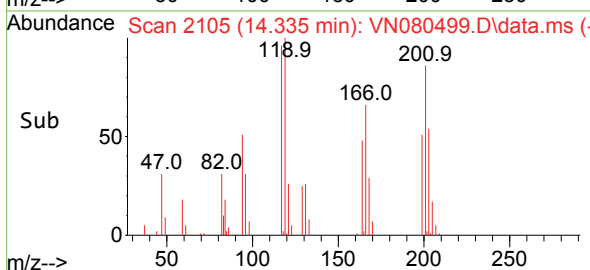
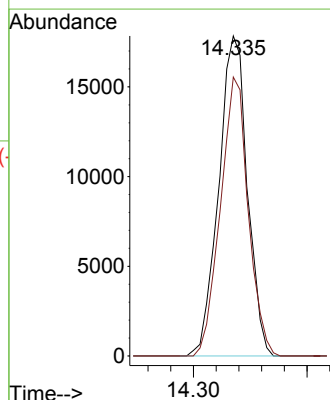
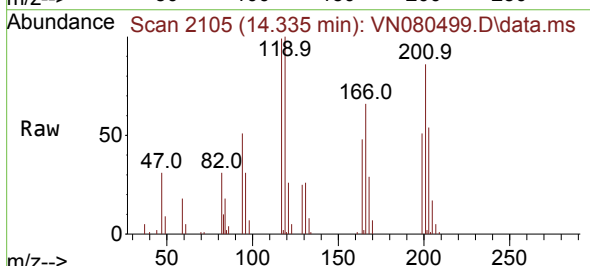
Acq: 15 Dec 2023 13:37

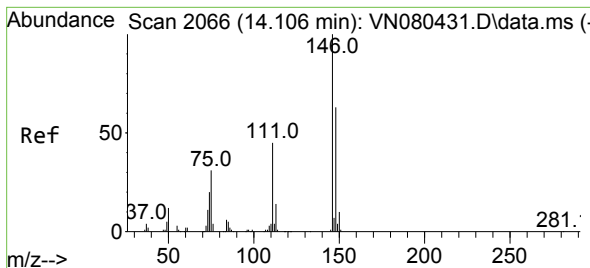
Tgt Ion: 117 Resp: 31183

Ion Ratio Lower Upper

117 100

201 84.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.613 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

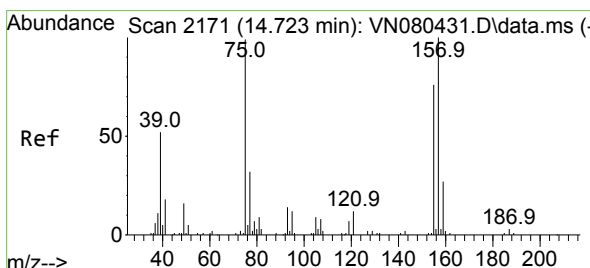
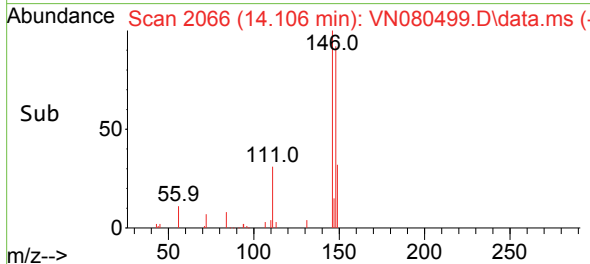
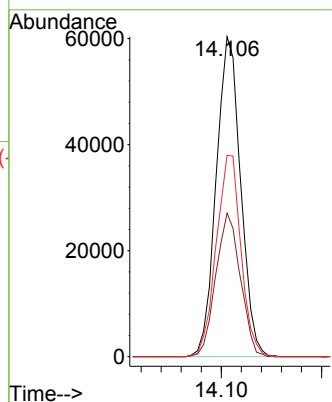
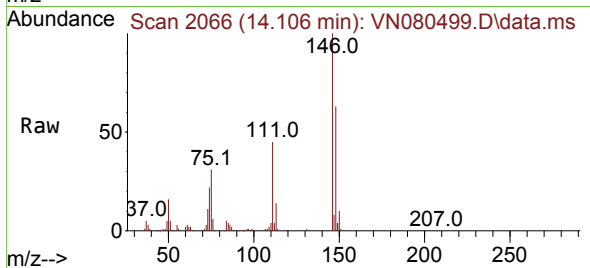
Tgt Ion:146 Resp: 101846

Ion Ratio Lower Upper

146 100

111 45.1 22.0 66.0

148 63.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.112 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

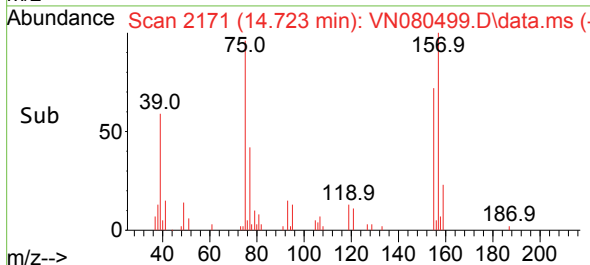
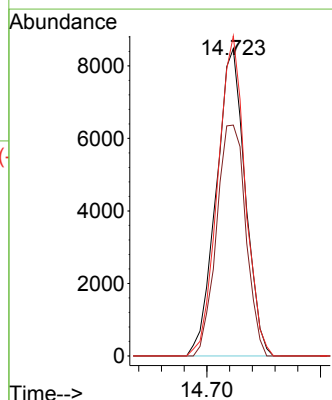
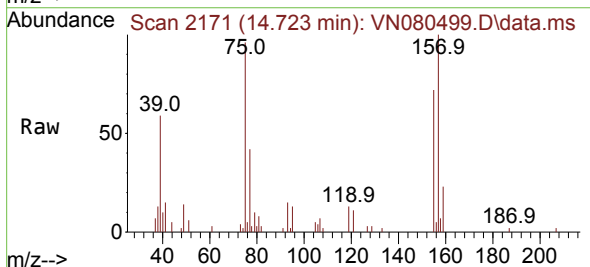
Tgt Ion: 75 Resp: 15014

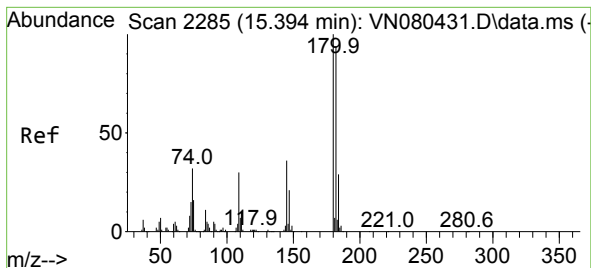
Ion Ratio Lower Upper

75 100

155 75.7 39.1 117.2

157 98.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 20.048 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

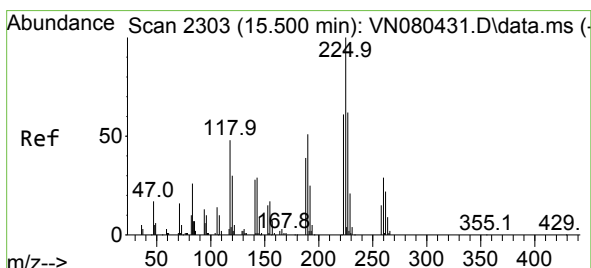
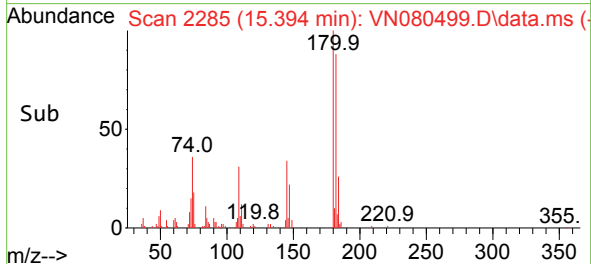
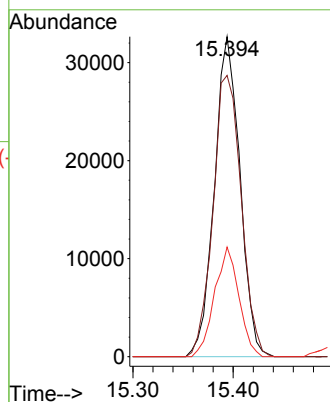
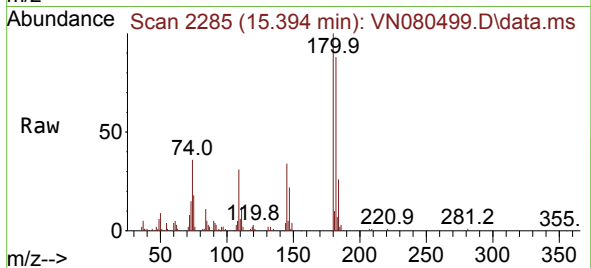
Tgt Ion:180 Resp: 57801

Ion Ratio Lower Upper

180 100

182 96.7 46.1 138.2

145 32.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.868 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080499.D

Acq: 15 Dec 2023 13:37

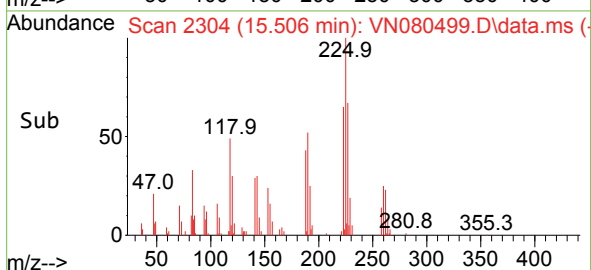
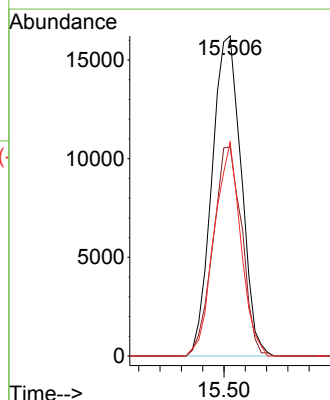
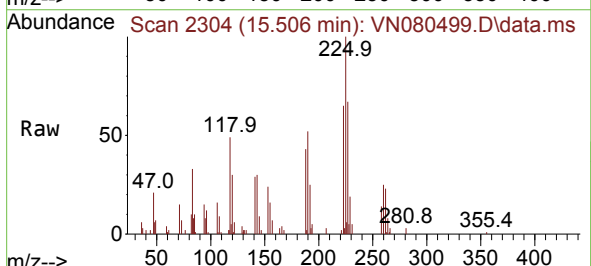
Tgt Ion:225 Resp: 30970

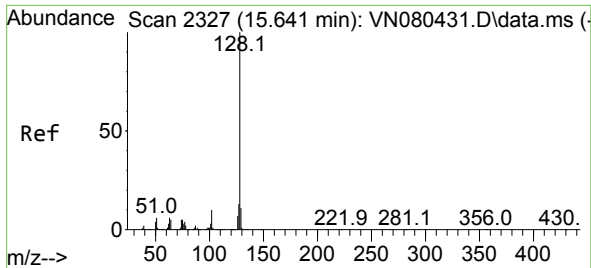
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 60.8 31.9 95.9

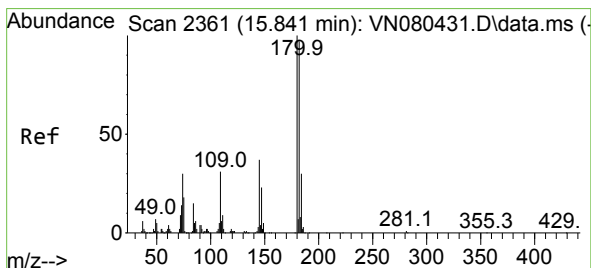
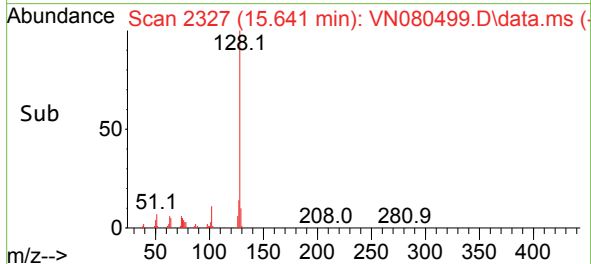
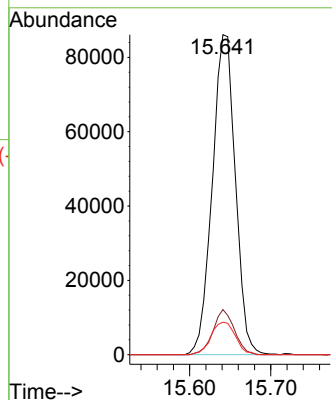
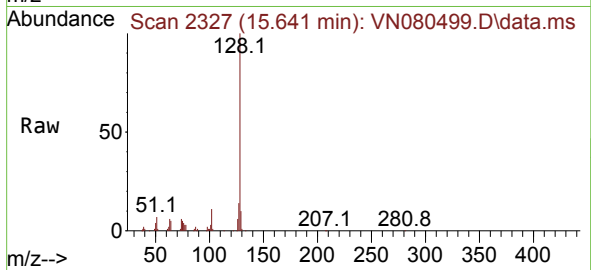




#95
Naphthalene
Concen: 19.421 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 170032
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.460 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080499.D
Acq: 15 Dec 2023 13:37

Tgt Ion:180 Resp: 54142
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 36.5 17.5 52.6

