

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081970.D
 Acq On : 02 May 2024 10:01
 Operator : JC\MD
 Sample : VN0502WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 00:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	37310	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	218689	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	193279	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	91559	29.310	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.700%
60) 4-Bromofluorobenzene	12.847	95	89618	27.861	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.867%
63) Toluene-d8	10.565	98	283747	30.913	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42695	20.159	ug/l	98
3) Chloromethane	2.359	50	52491	21.371	ug/l	99
4) Vinyl Chloride	2.518	62	48296	20.815	ug/l	95
5) Bromomethane	2.965	94	23066	19.051	ug/l	93
6) Chloroethane	3.124	64	27402	20.856	ug/l	90
7) Trichlorofluoromethane	3.500	101	69545	20.484	ug/l	85
8) Diethyl Ether	3.959	74	34029	20.704	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	45993	19.760	ug/l	65
10) 1,1-Dichloroethene	4.347	96	45925	20.168	ug/l	97
11) Methyl Iodide	4.595	142	42184	20.271	ug/l	86
12) Methyl Acetate	5.018	43	62500	21.920	ug/l #	78
13) Acrolein	4.177	56	58787	97.010	ug/l	98
14) Acrylonitrile	5.718	53	134324	103.222	ug/l	97
15) Acetone	4.424	58	33140	113.647	ug/l	98
16) Carbon Disulfide	4.712	76	123510	19.578	ug/l	98
17) Allyl chloride	5.024	41	82735	20.695	ug/l	89
18) Methylene Chloride	5.271	84	53243	20.550	ug/l #	83
19) trans-1,2-Dichloroethene	5.789	96	48458	20.444	ug/l	95
20) Diisopropyl ether	6.671	45	182119	20.589	ug/l	93
21) 1,1-Dichloroethane	6.571	63	98443	21.018	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	59082	20.455	ug/l	92
23) tert-Butyl Alcohol	5.518	59	52339	97.643	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	84945	10.347	ug/l #	40
25) Chloroform	7.971	83	93298	20.705	ug/l	97
26) Cyclohexane	8.253	56	89423	22.079	ug/l #	84
29) 1,1-Dichloropropene	8.371	75	68630	21.080	ug/l	96
30) 2-Butanone	7.483	43	180653	107.644	ug/l	93
31) 2,2-Dichloropropane	7.488	77	83160	24.925	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	76241	20.361	ug/l #	92
33) Carbon Tetrachloride	8.365	117	60387	19.872	ug/l	90
34) Benzene	8.606	78	224683	21.632	ug/l	93
35) Methacrylonitrile	7.783	41	41412	19.504	ug/l	96
36) 1,2-Dichloroethane	8.671	62	71333	20.459	ug/l	98
37) Trichloroethene	9.353	130	48376	19.016	ug/l	100
38) Methylcyclohexane	9.606	83	81507	20.724	ug/l	94
39) 1,2-Dichloropropane	9.624	63	57611	21.617	ug/l	92
40) Dibromomethane	9.712	93	36079	21.073	ug/l	87
41) Bromodichloromethane	9.888	83	74567	20.377	ug/l #	97
42) Vinyl Acetate	6.600	43	719705	100.754	ug/l	96

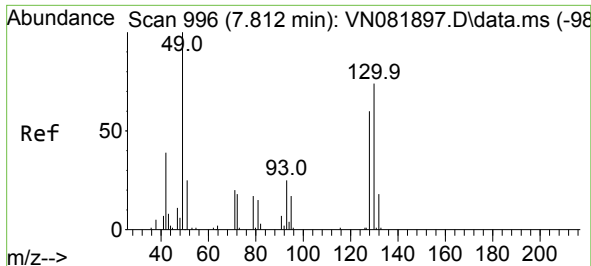
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	71613	19.571	ug/l	95
44) Isopropyl Acetate	8.688	43	130806	20.136	ug/l	90
45) 1,4-Dioxane	9.694	88	22547	432.789	ug/l #	94
46) Methyl methacrylate	9.682	41	61029	20.564	ug/l	83
48) t-1,3-Dichloropropene	10.835	75	80770	20.353	ug/l	90
49) cis-1,3-Dichloropropene	10.312	75	90087	21.471	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	48480	20.871	ug/l	90
51) Ethyl methacrylate	10.876	69	88718	20.237	ug/l	78
52) 1,3-Dichloropropane	11.165	76	87123	20.415	ug/l	99
53) Dibromochloromethane	11.359	129	48556	19.213	ug/l	98
54) 1,2-Dibromoethane	11.476	107	47680	20.582	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	213831	97.541	ug/l	97
56) Bromoform	12.582	173	28508	18.534	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	389763	103.857	ug/l #	87
59) 2-Hexanone	11.194	43	297460	106.902	ug/l #	89
61) Tetrachloroethene	11.106	164	40686	18.971	ug/l	91
62) Toluene	10.629	91	224148	20.611	ug/l	98
64) Chlorobenzene	11.894	112	135569	20.382	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	45163	20.745	ug/l	93
66) Ethyl Benzene	11.965	91	247796	20.788	ug/l	96
67) m/p-Xylenes	12.070	106	181014	40.957	ug/l	99
68) o-Xylene	12.400	106	91175	20.851	ug/l	100
69) Styrene	12.412	104	149047	20.305	ug/l	98
70) Isopropylbenzene	12.694	105	226863	20.428	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	66681	20.865	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	91157	30.510	ug/l	63
73) Bromobenzene	12.976	156	46650	19.623	ug/l	83
74) n-propylbenzene	13.035	91	278121	21.227	ug/l	98
75) 2-Chlorotoluene	13.123	91	167055	20.610	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	183978	20.467	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	27556	20.721	ug/l	90
78) 4-Chlorotoluene	13.223	91	161488	20.337	ug/l	98
79) tert-butylbenzene	13.441	119	151313	19.550	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	184255	20.406	ug/l	97
81) sec-Butylbenzene	13.617	105	225252	20.762	ug/l	100
82) p-Isopropyltoluene	13.729	119	179430	20.915	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	87190	20.369	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	86041	19.998	ug/l	99
85) n-Butylbenzene	14.059	91	168515	21.504	ug/l	96
86) Hexachloroethane	14.335	117	34148	19.963	ug/l	74
87) 1,2-Dichlorobenzene	14.112	146	83609	19.611	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12327	17.189	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	42014	17.897	ug/l	96
90) Hexachlorobutadiene	15.506	225	16058	18.470	ug/l	94
91) Naphthalene	15.641	128	165627	18.560	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	42014	17.897	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN081970.D

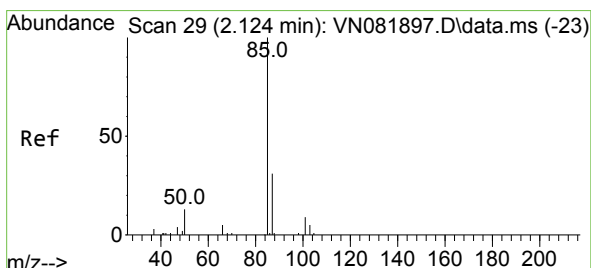
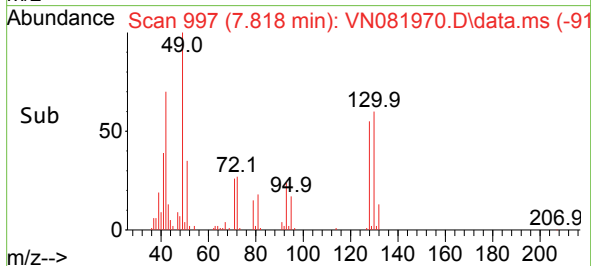
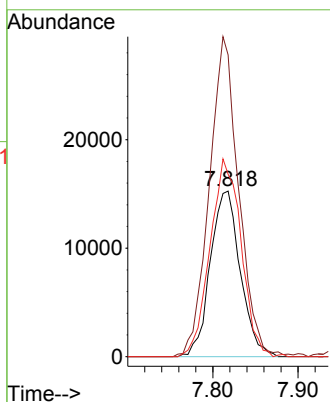
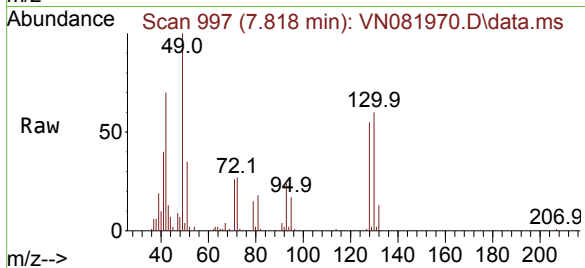
Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	37310
Ion	Ratio	Lower	Upper
128	100		
49	188.8	0.0	403.7
130	123.9	0.0	323.3



#2

Dichlorodifluoromethane

Concen: 20.159 ug/l

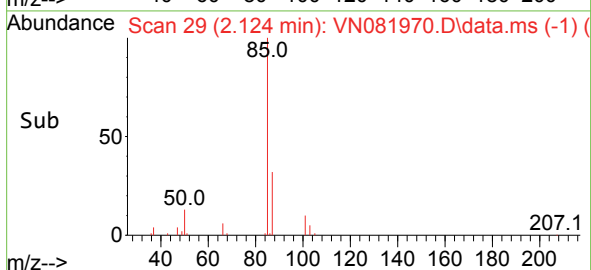
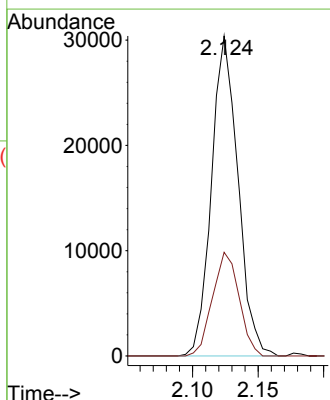
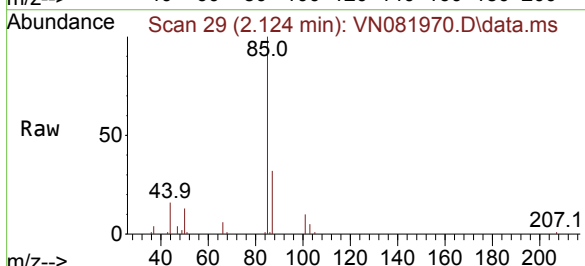
RT: 2.124 min Scan# 29

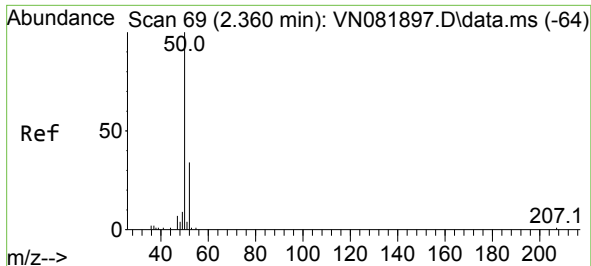
Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

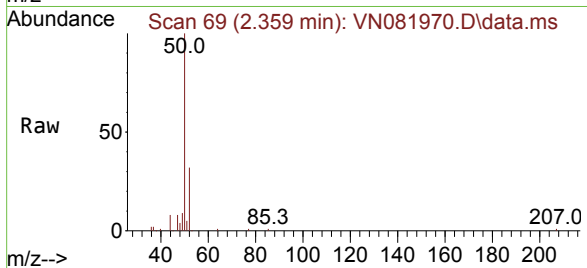
Tgt Ion:	85	Resp:	42695
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.8	50.3



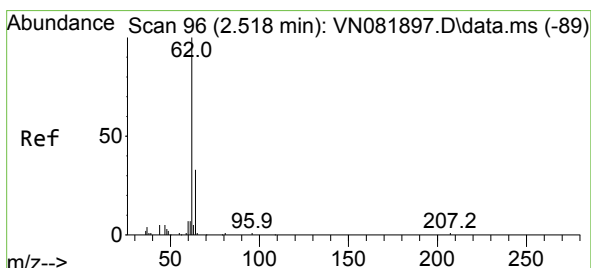
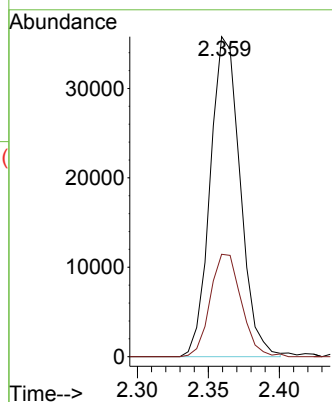
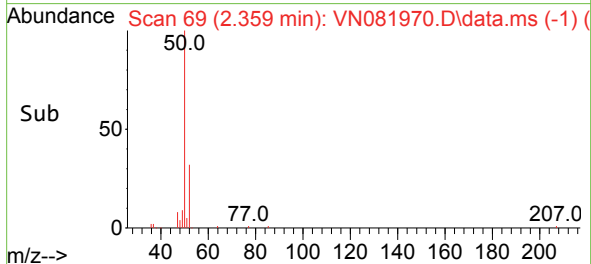


#3
Chloromethane
Concen: 21.371 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

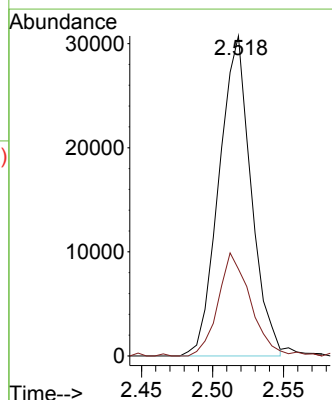
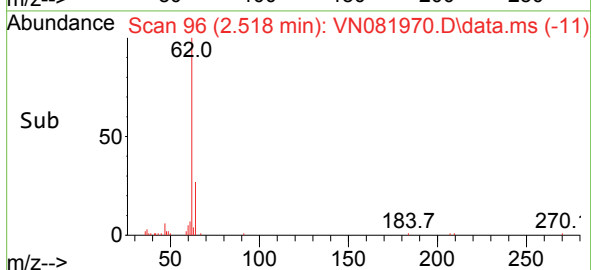
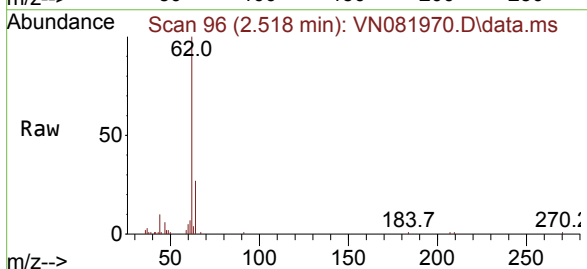


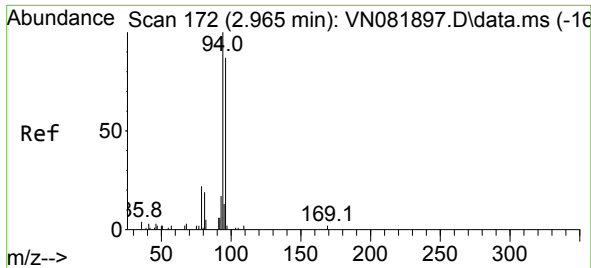
Tgt Ion: 50 Resp: 52491
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0



#4
Vinyl Chloride
Concen: 20.815 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 62 Resp: 48296
Ion Ratio Lower Upper
62 100
64 27.1 24.1 36.1

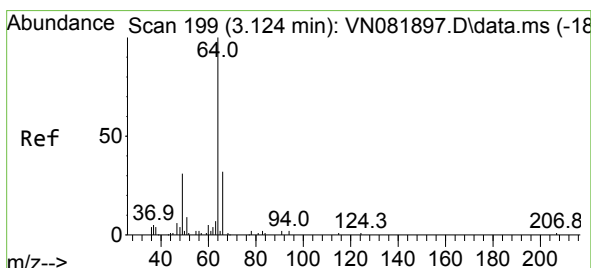
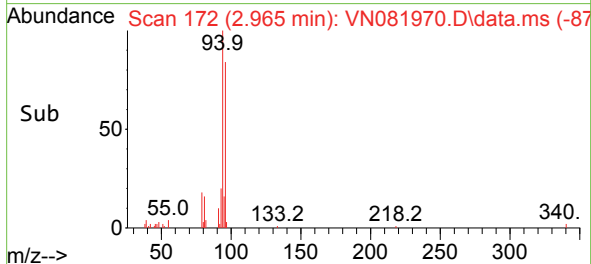
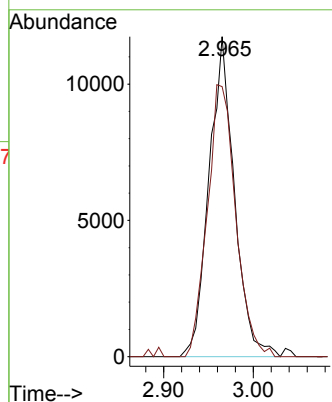
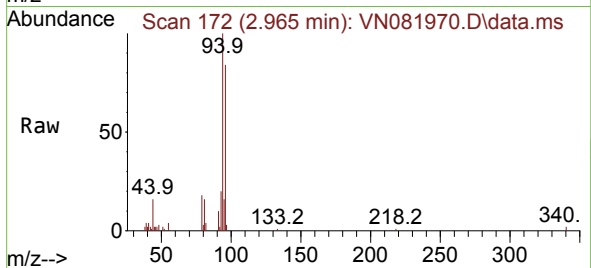




#5
Bromomethane
Concen: 19.051 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

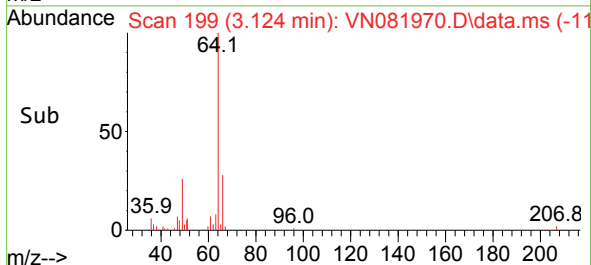
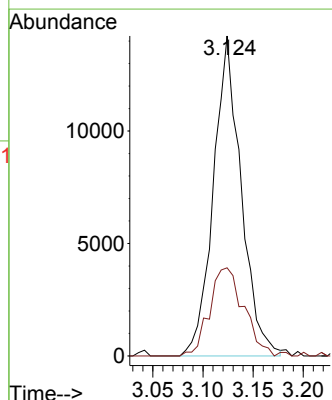
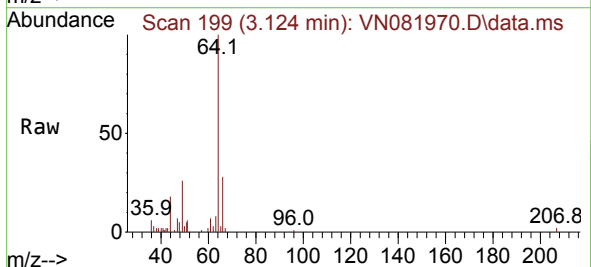
Instrument :
MSVOA_N
ClientSampleId :

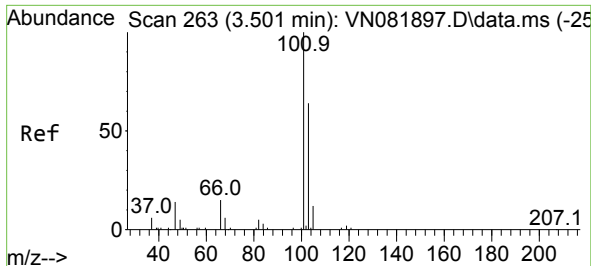
Tgt Ion: 94 Resp: 23066
Ion Ratio Lower Upper
94 100
96 84.4 72.8 109.2



#6
Chloroethane
Concen: 20.856 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 64 Resp: 27402
Ion Ratio Lower Upper
64 100
66 27.5 26.7 40.1

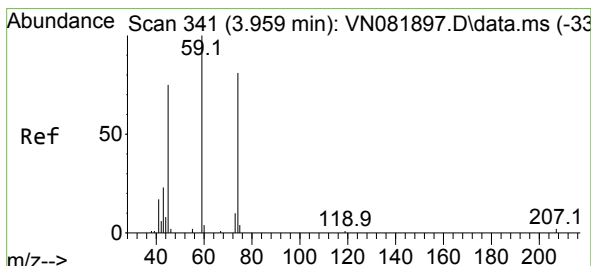
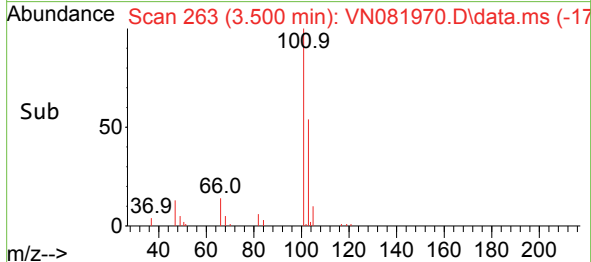
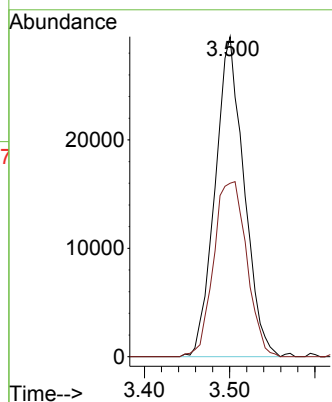
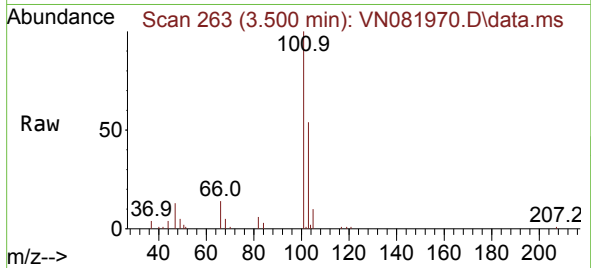




#7
 Trichlorofluoromethane
 Concen: 20.484 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

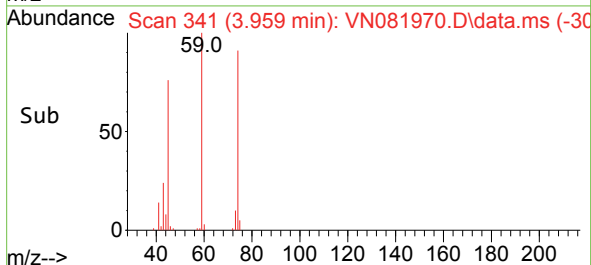
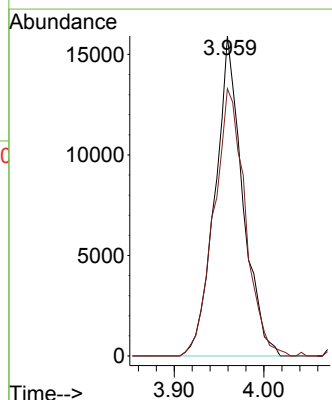
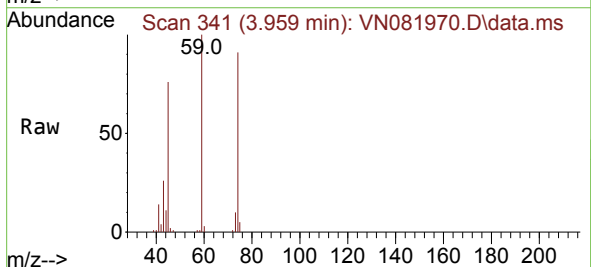
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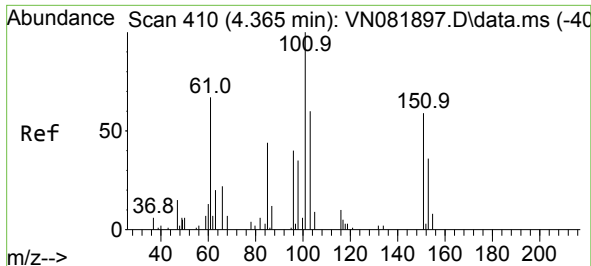
Tgt Ion:101 Resp: 69545
 Ion Ratio Lower Upper
 101 100
 103 54.2 53.0 79.4



#8
 Diethyl Ether
 Concen: 20.704 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Tgt Ion: 74 Resp: 34029
 Ion Ratio Lower Upper
 74 100
 45 94.6 16.4 147.4

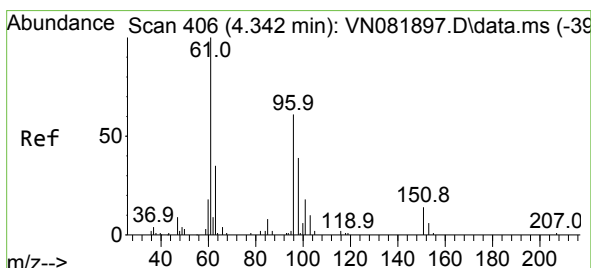
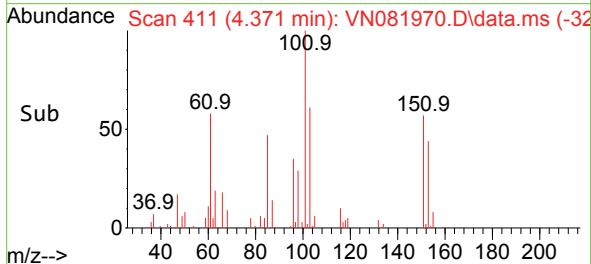
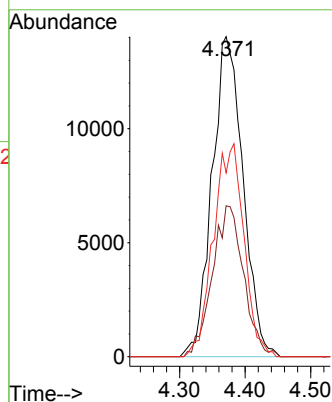
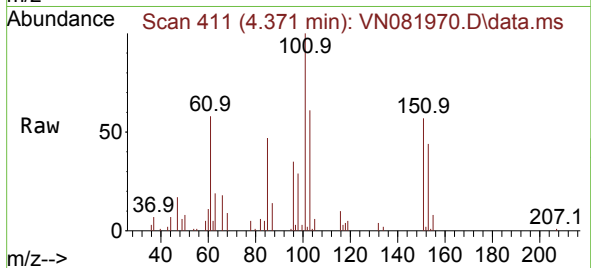




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.760 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

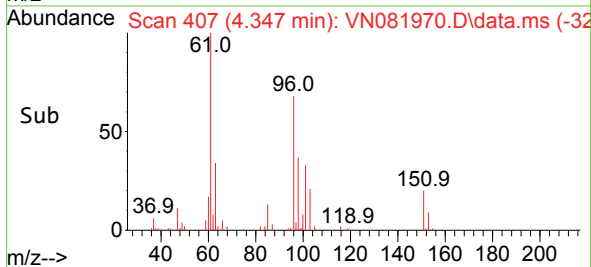
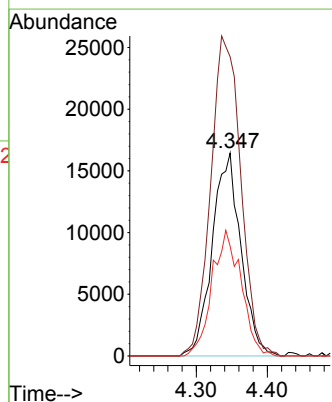
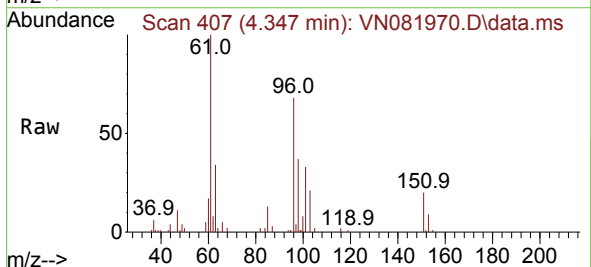
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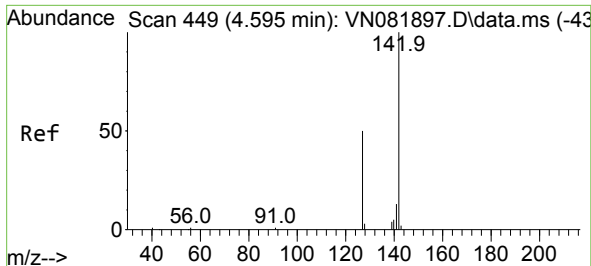
Tgt Ion:101 Resp: 45993
Ion Ratio Lower Upper
101 100
85 47.3 0.0 90.6
151 31.6 0.0 157.6



#10
1,1-Dichloroethene
Concen: 20.168 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

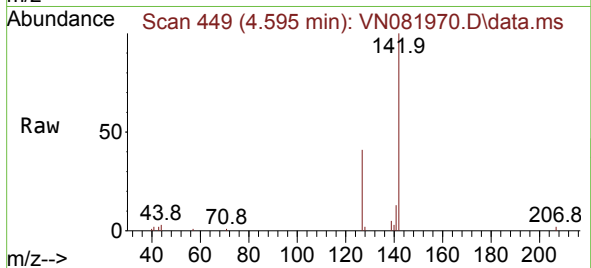
Tgt Ion: 96 Resp: 45925
Ion Ratio Lower Upper
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98 54.1 48.4 72.6



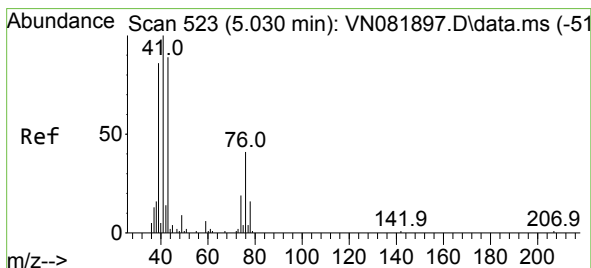
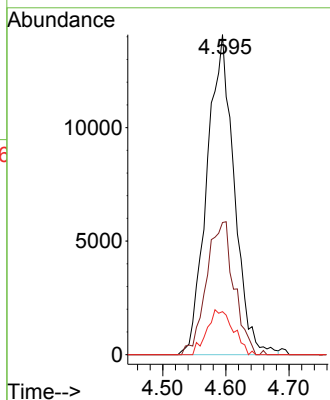
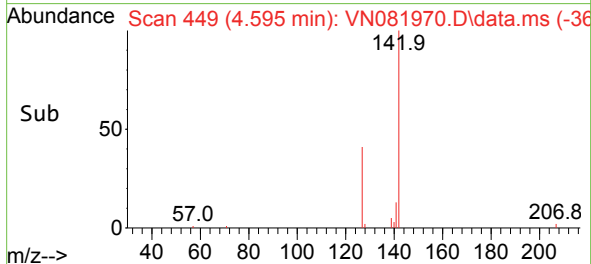


#11
Methyl Iodide
Concen: 20.271 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

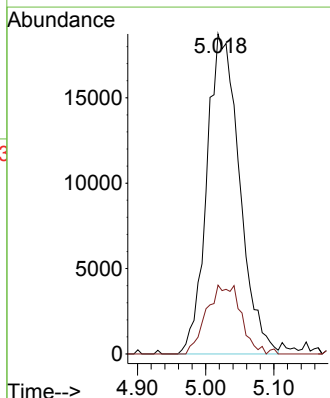
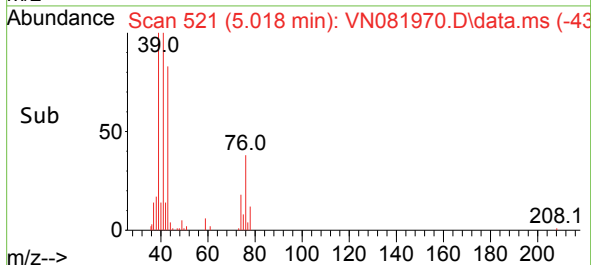
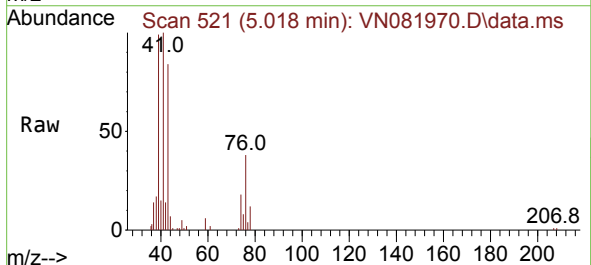


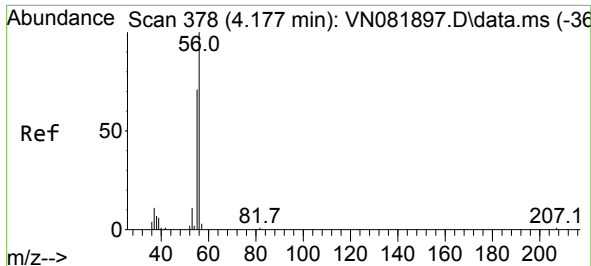
Tgt Ion:142 Resp: 42184
Ion Ratio Lower Upper
142 100
127 41.5 26.3 78.9
141 13.5 8.3 24.9



#12
Methyl Acetate
Concen: 21.920 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

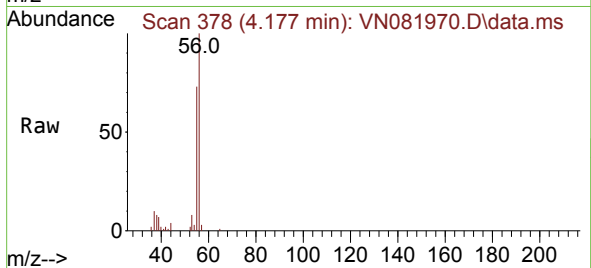
Tgt Ion: 43 Resp: 62500
Ion Ratio Lower Upper
43 100
74 21.6 27.7 41.5#



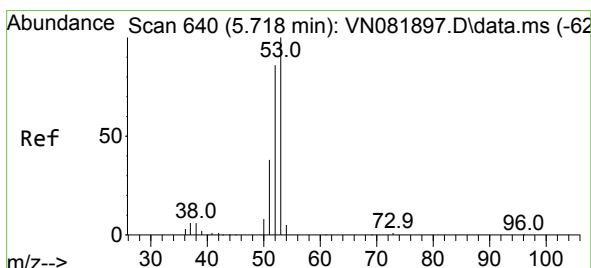
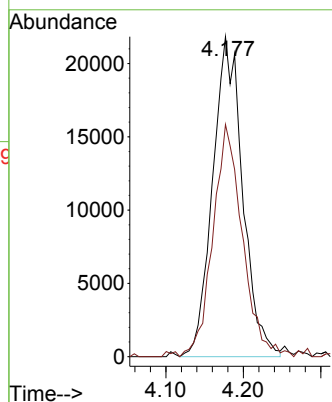
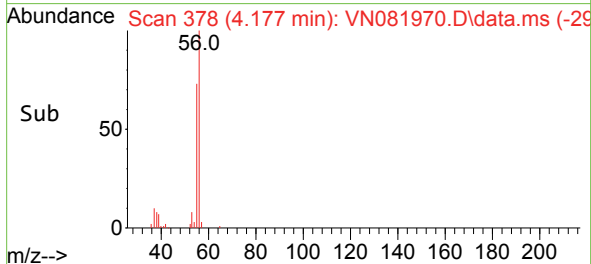


#13
Acrolein
Concen: 97.010 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

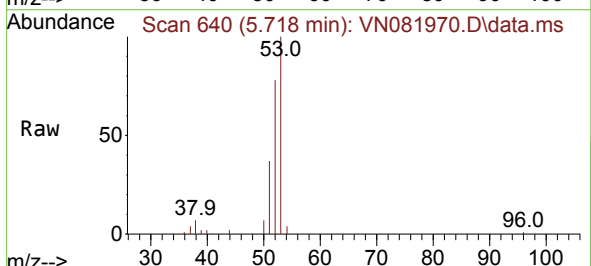
Instrument :
MSVOA_N
ClientSampleId :



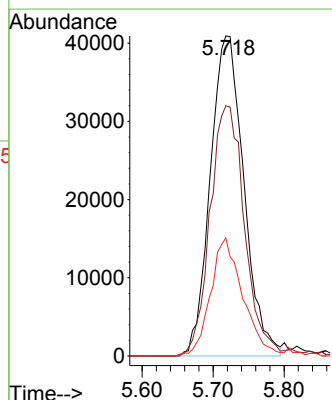
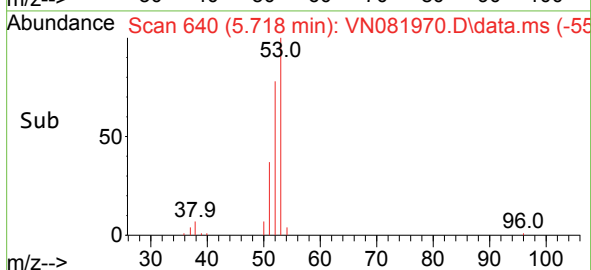
Tgt Ion: 56 Resp: 58787
Ion Ratio Lower Upper
56 100
55 70.8 55.5 83.3

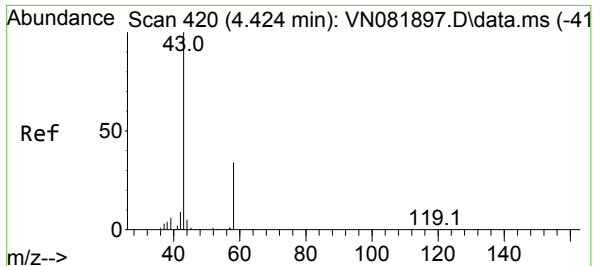


#14
Acrylonitrile
Concen: 103.222 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01



Tgt Ion: 53 Resp: 134324
Ion Ratio Lower Upper
53 100
52 79.7 41.3 123.9
51 35.3 16.8 50.3





#15

Acetone

Concen: 113.647 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

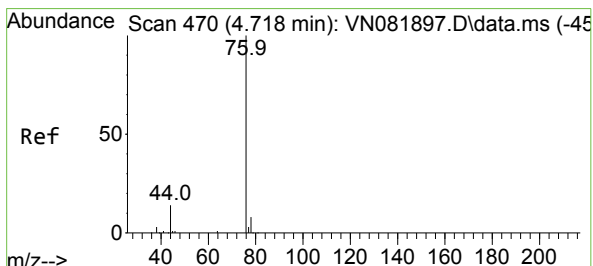
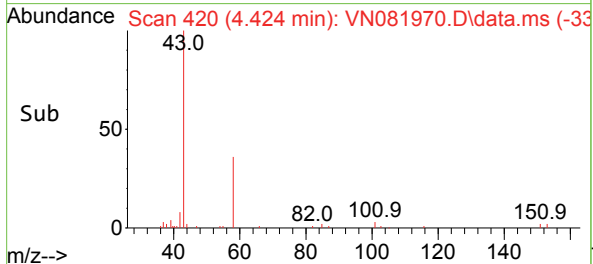
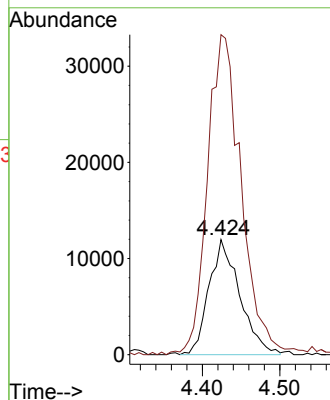
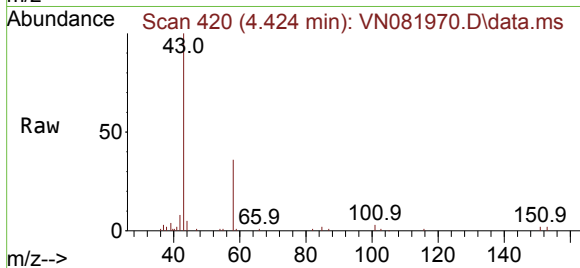
ClientSampleId :

Tgt Ion: 58 Resp: 33140

Ion Ratio Lower Upper

58 100

43 275.9 223.1 334.7



#16

Carbon Disulfide

Concen: 19.578 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081970.D

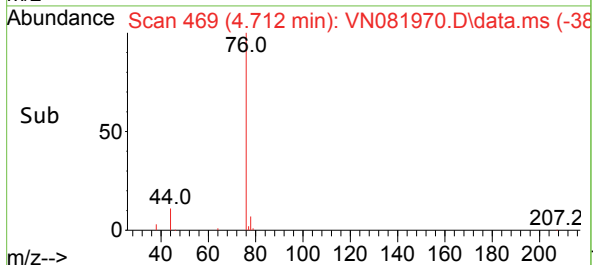
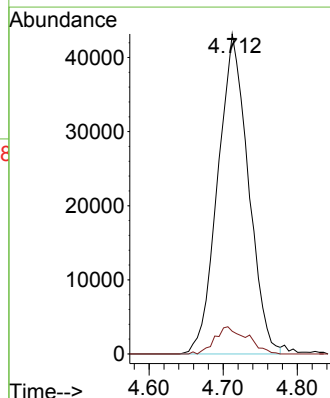
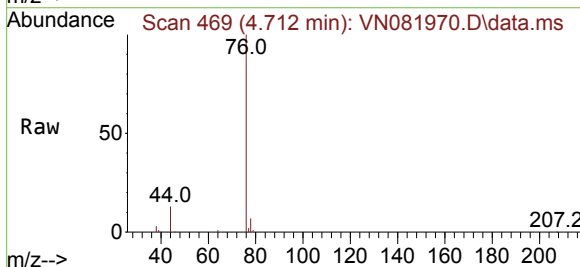
Acq: 02 May 2024 10:01

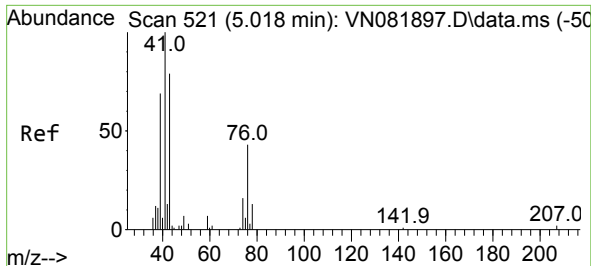
Tgt Ion: 76 Resp: 123510

Ion Ratio Lower Upper

76 100

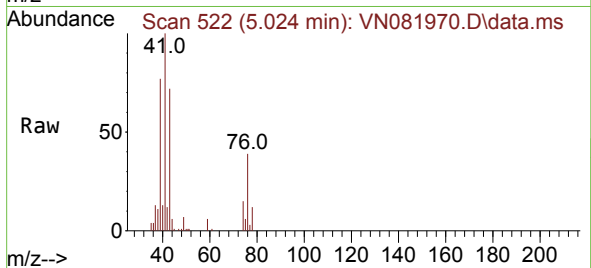
78 7.1 6.3 9.5



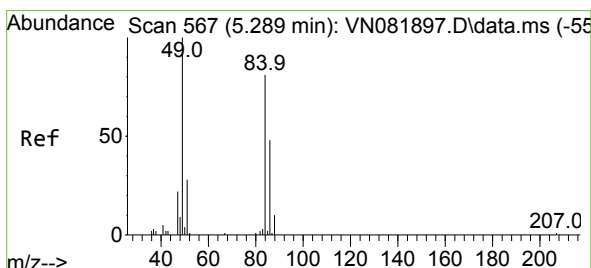
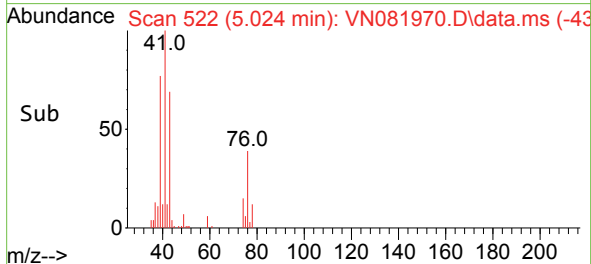
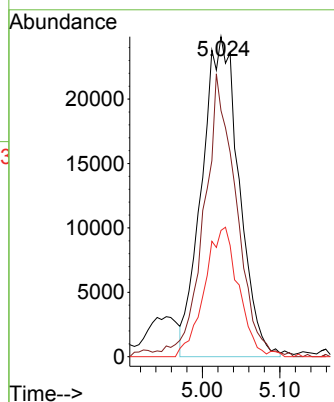


#17
 Allyl chloride
 Concen: 20.695 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Instrument :
 MSVOA_N
 ClientSampleId :

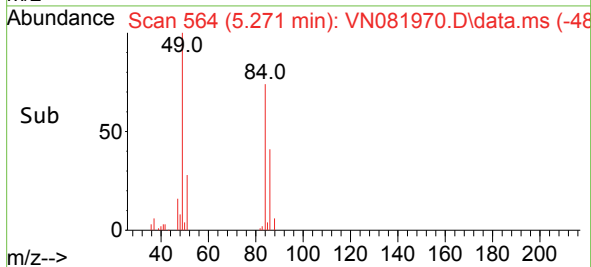
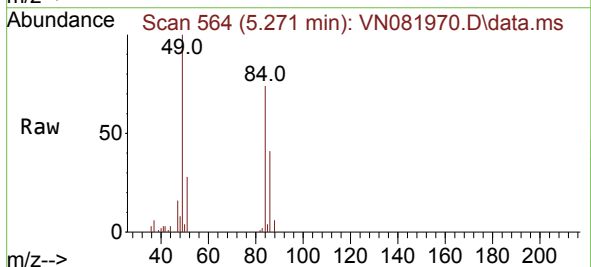
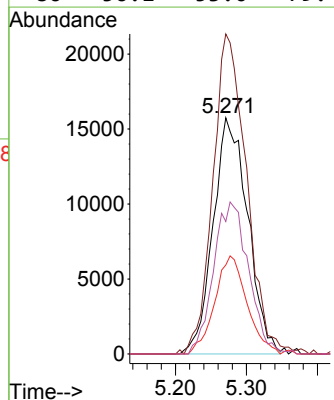


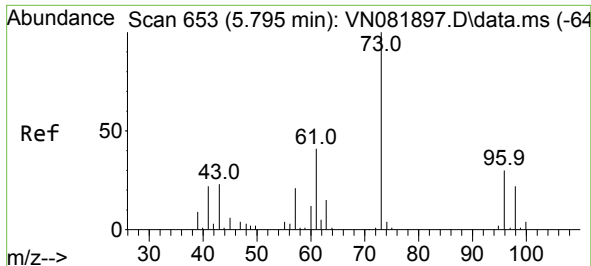
Tgt Ion: 41 Resp: 82735
 Ion Ratio Lower Upper
 41 100
 39 76.5 37.6 112.9
 76 38.7 27.8 83.4



#18
 Methylene Chloride
 Concen: 20.550 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.018 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Tgt Ion: 84 Resp: 53243
 Ion Ratio Lower Upper
 84 100
 49 133.7 86.0 129.0#
 51 37.6 30.0 45.0
 86 56.1 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 20.444 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

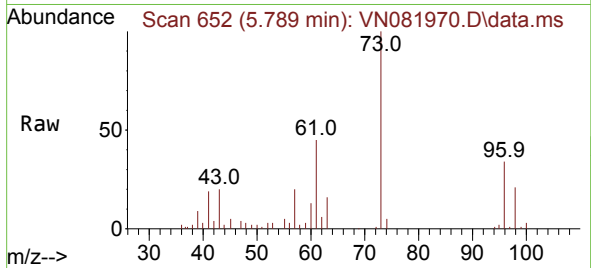
Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

ClientSampleId :



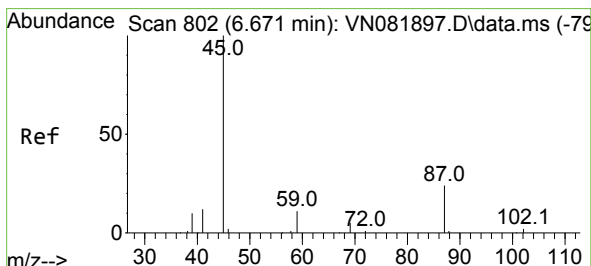
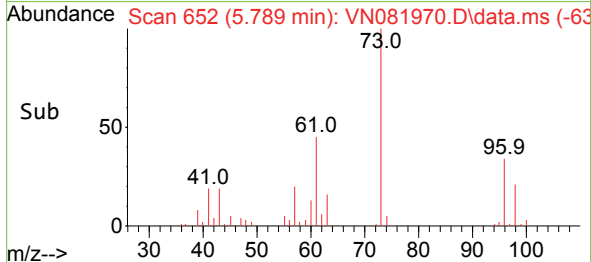
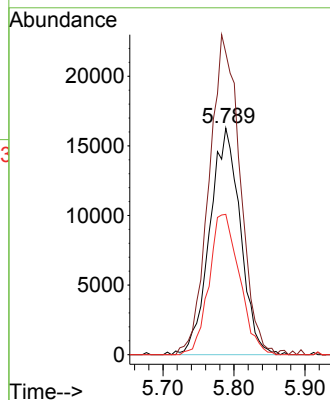
Tgt Ion: 96 Resp: 48458

Ion Ratio Lower Upper

96 100

61 131.4 111.8 167.6

98 61.9 49.2 73.8



#20

Diisopropyl ether

Concen: 20.589 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Tgt Ion: 45 Resp: 182119

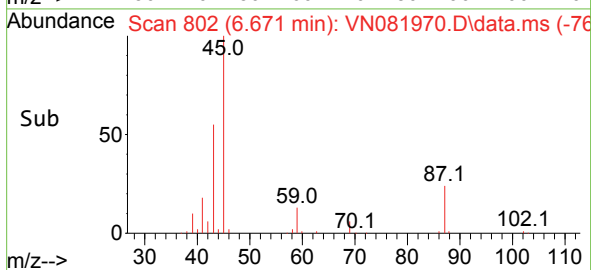
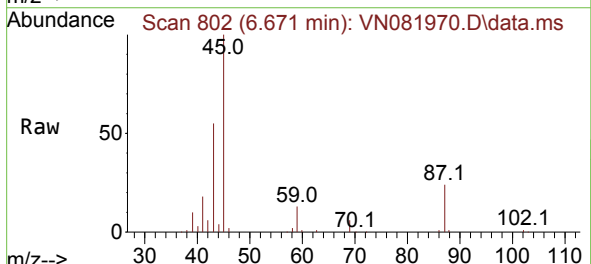
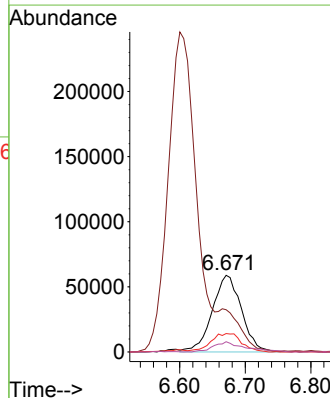
Ion Ratio Lower Upper

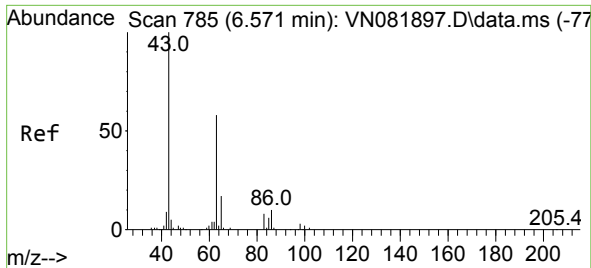
45 100

43 54.5 40.4 60.6

87 24.2 23.8 35.8

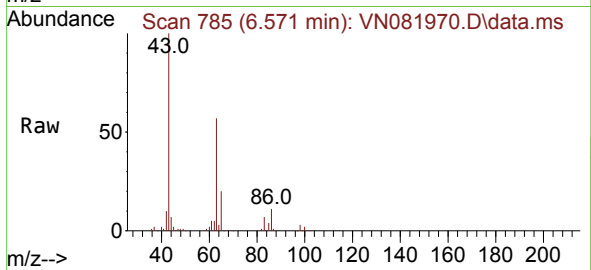
59 13.1 9.8 14.6



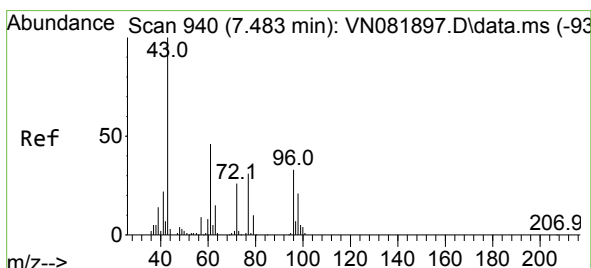
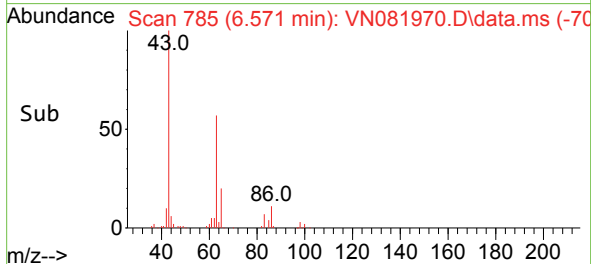
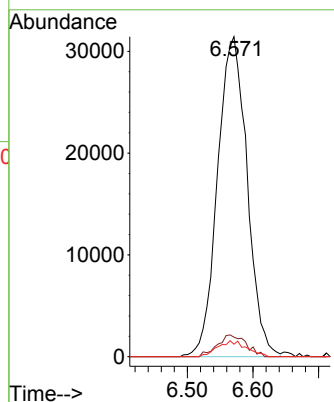


#21
1,1-Dichloroethane
Concen: 21.018 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

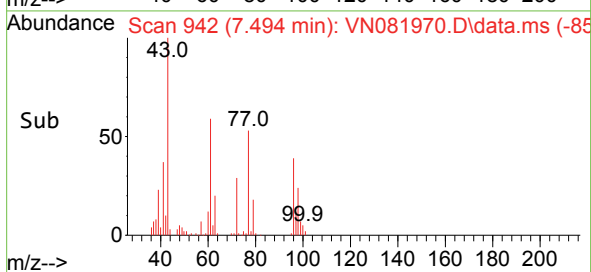
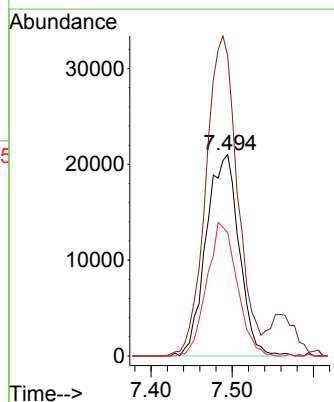
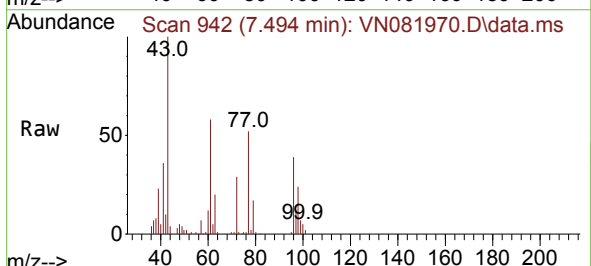


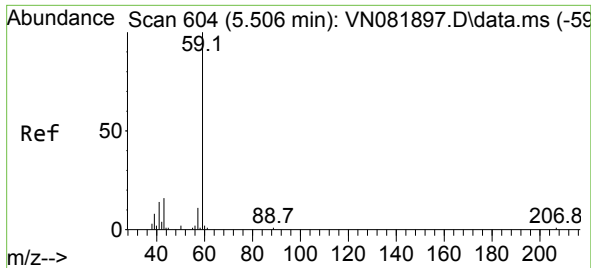
Tgt Ion: 63 Resp: 98443
Ion Ratio Lower Upper
63 100
98 6.1 4.1 12.3
100 3.9 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 20.455 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

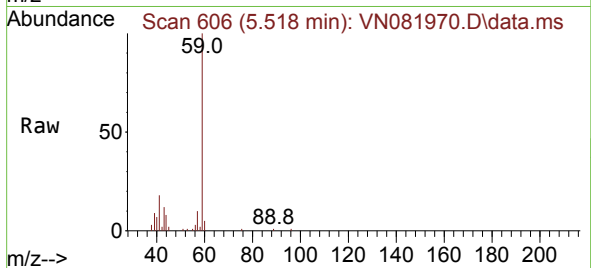
Tgt Ion: 96 Resp: 59082
Ion Ratio Lower Upper
96 100
61 152.9 113.5 170.3
98 61.0 52.0 78.0



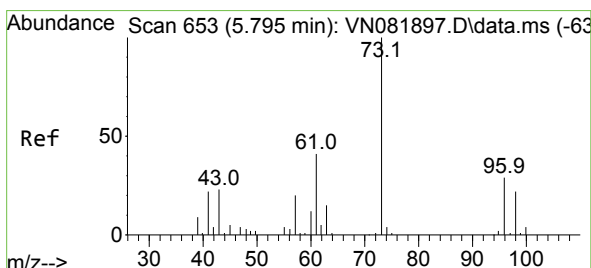
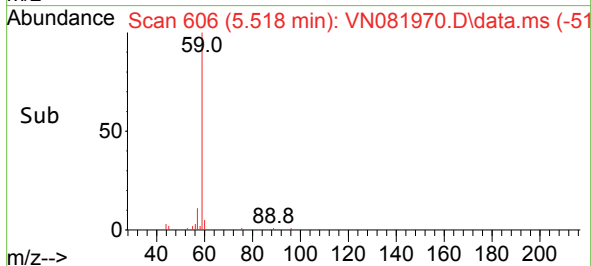
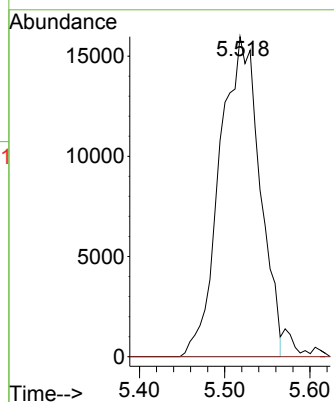


#23
tert-Butyl Alcohol
Concen: 97.643 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

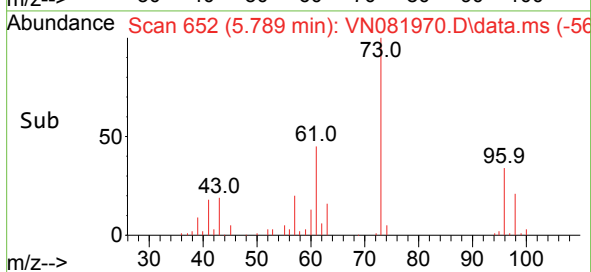
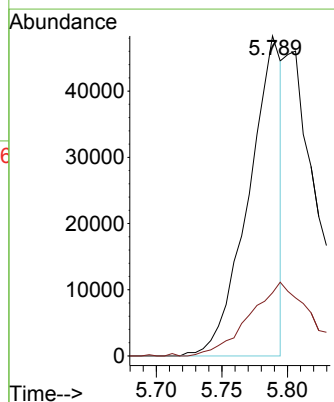
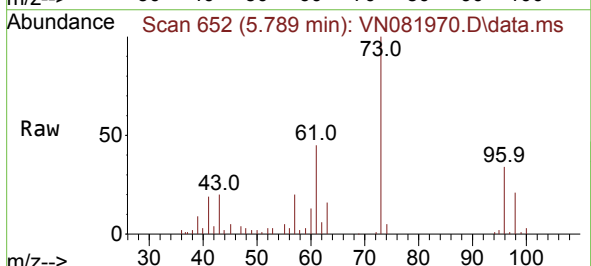


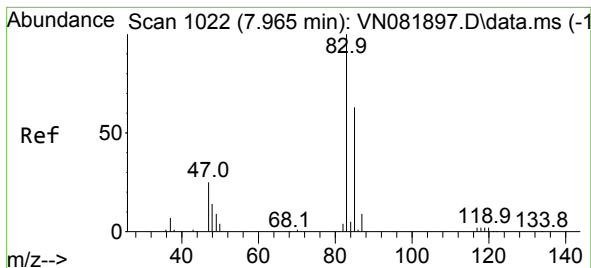
Tgt Ion: 59 Resp: 52339
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 10.347 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 73 Resp: 84945
Ion Ratio Lower Upper
73 100
43 42.8 13.4 20.2#





#25

Chloroform

Concen: 20.705 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

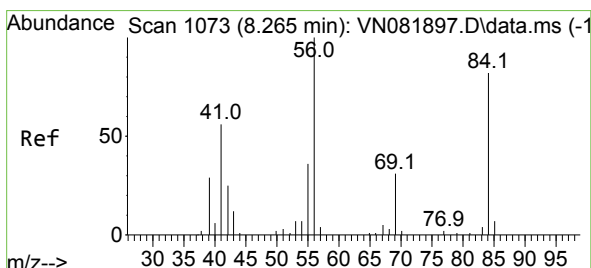
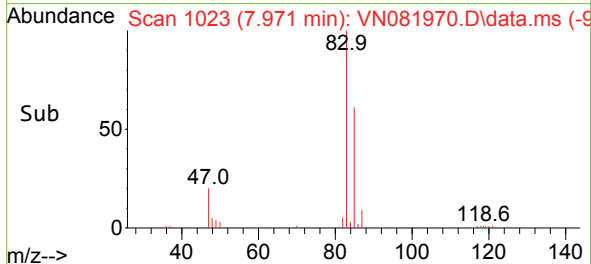
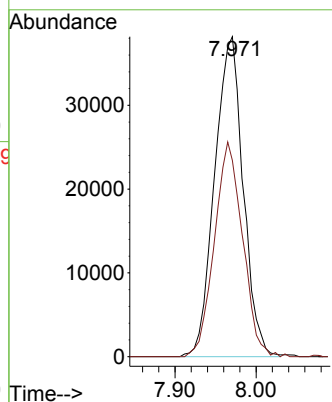
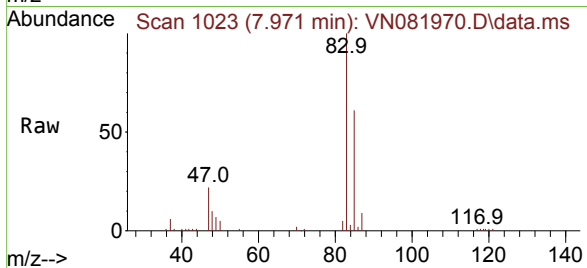
ClientSampleId :

Tgt Ion: 83 Resp: 93298

Ion Ratio Lower Upper

83 100

85 61.4 50.9 76.3



#26

Cyclohexane

Concen: 22.079 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.012 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

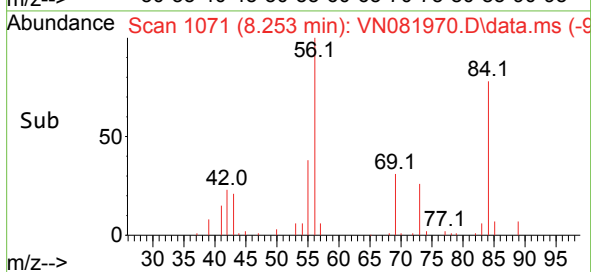
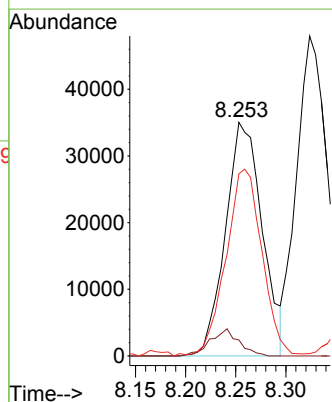
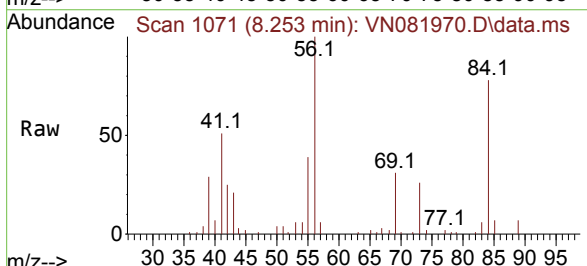
Tgt Ion: 56 Resp: 89423

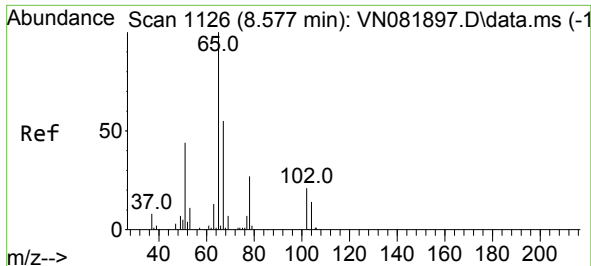
Ion Ratio Lower Upper

56 100

89 9.0 19.3 28.9#

84 78.3 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.310 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

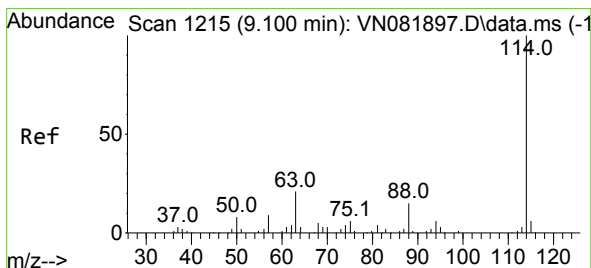
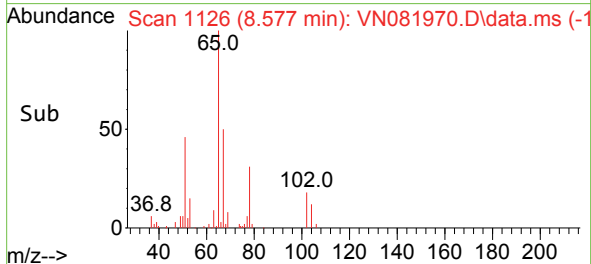
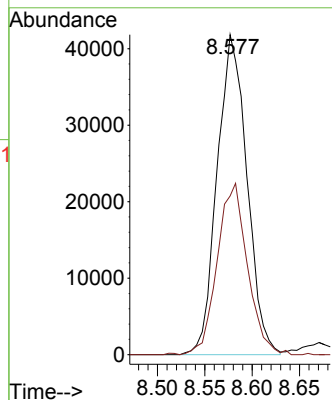
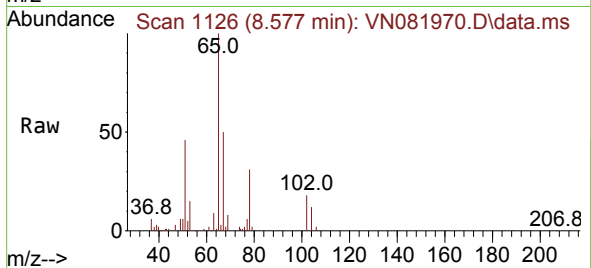
ClientSampleId :

Tgt Ion: 65 Resp: 91559

Ion Ratio Lower Upper

65 100

67 54.1 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

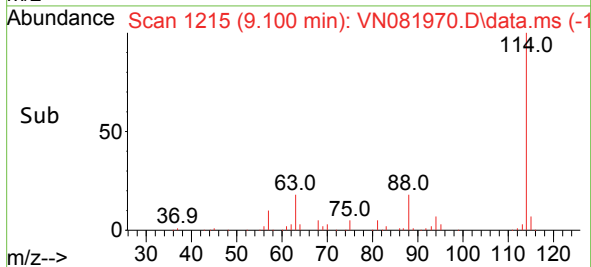
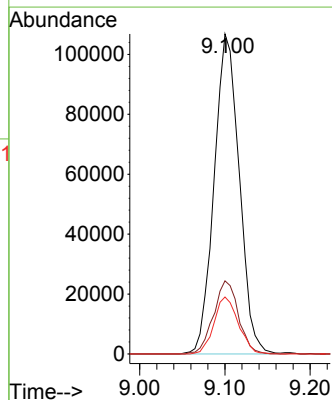
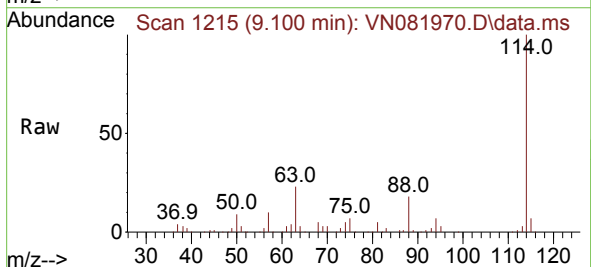
Tgt Ion: 114 Resp: 218689

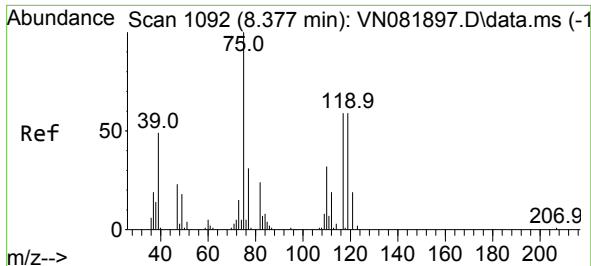
Ion Ratio Lower Upper

114 100

63 22.6 15.9 23.9

88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.080 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

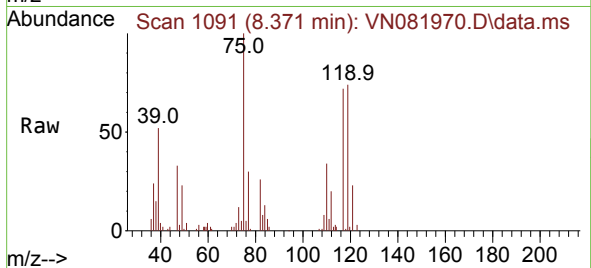
Lab File: VN081970.D

Acq: 02 May 2024 10:01

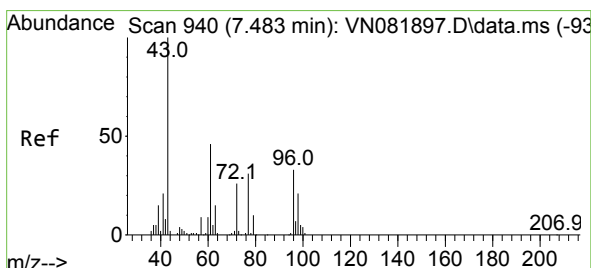
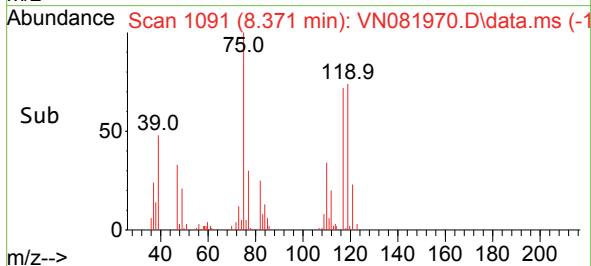
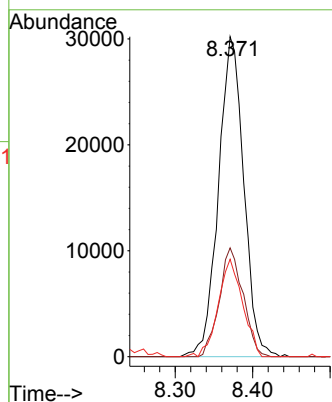
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	68630
Ion Ratio	Lower	Upper	
75	100		
110	31.9	0.0	70.2
77	29.2	0.0	61.4



#30

2-Butanone

Concen: 107.644 ug/l

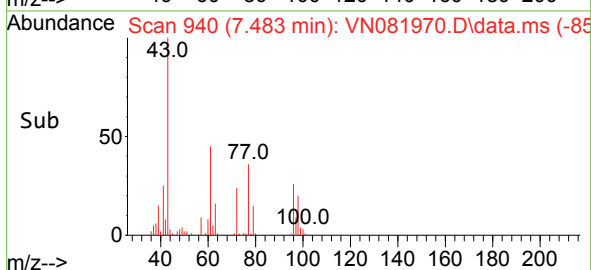
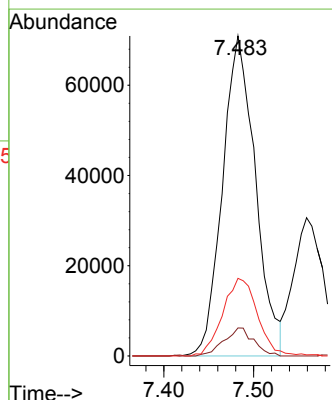
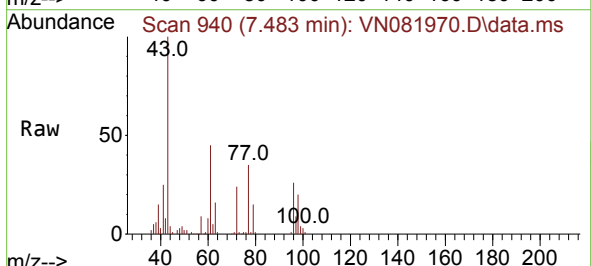
RT: 7.483 min Scan# 940

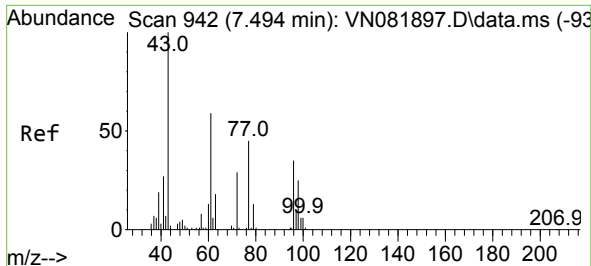
Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Tgt Ion:	43	Resp:	180653
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.7	10.1
72	25.5	24.0	36.0





#31

2,2-Dichloropropane

Concen: 24.925 ug/l

RT: 7.488 min Scan# 94

Delta R.T. -0.006 min

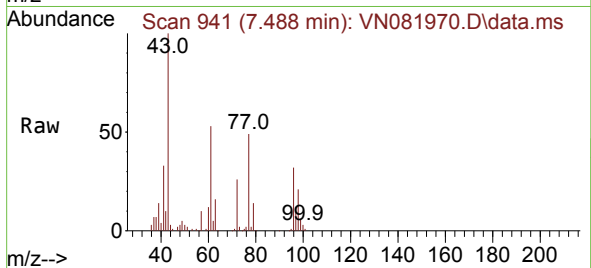
Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

ClientSampleId :

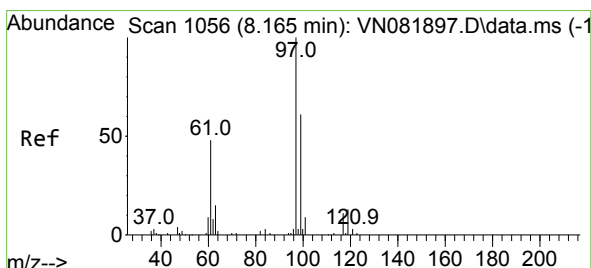
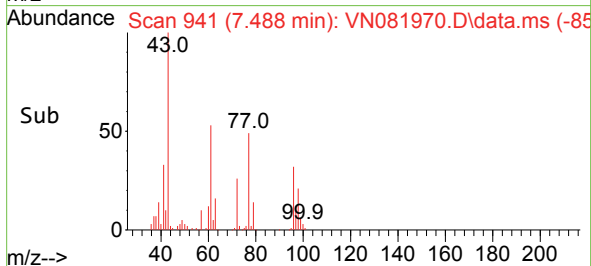
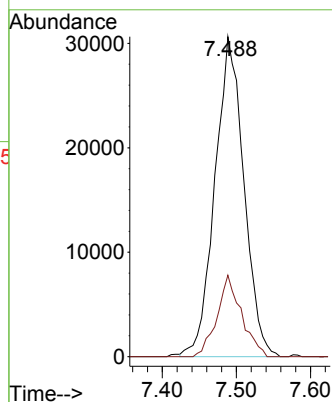


Tgt Ion: 77 Resp: 83160

Ion Ratio Lower Upper

77 100

97 21.5 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.361 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

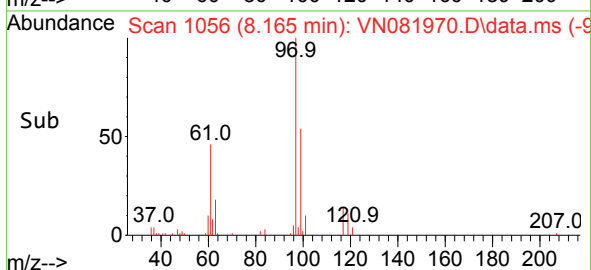
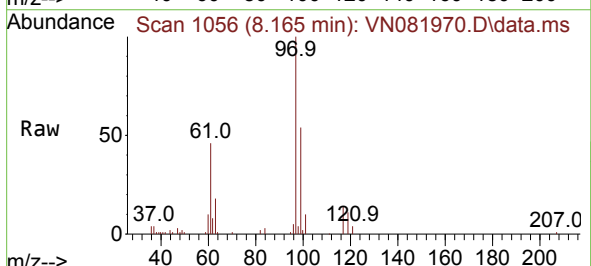
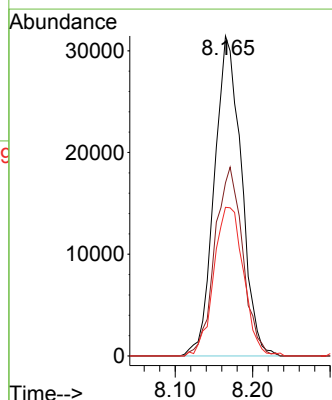
Tgt Ion: 97 Resp: 76241

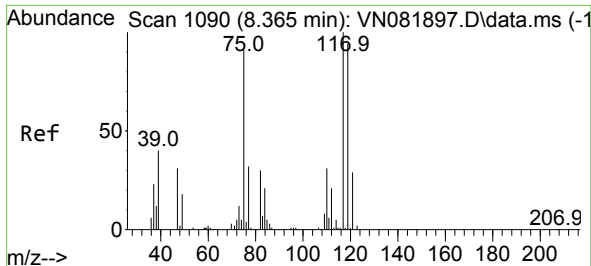
Ion Ratio Lower Upper

97 100

99 61.1 51.0 76.4

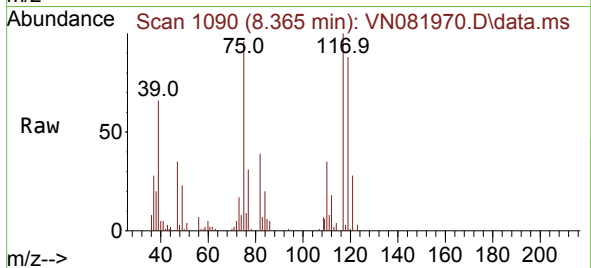
61 51.0 33.8 50.8#



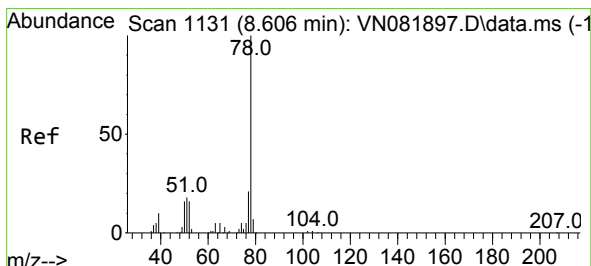
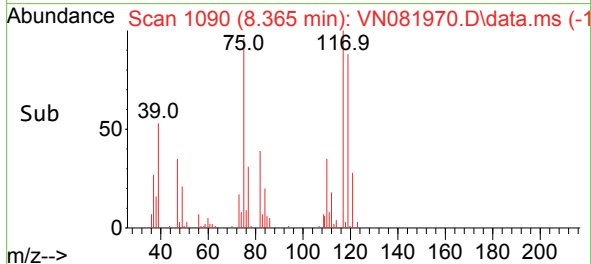
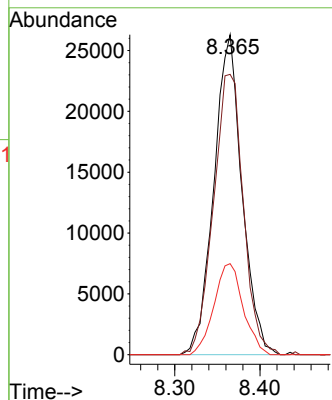


#33
Carbon Tetrachloride
Concen: 19.872 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

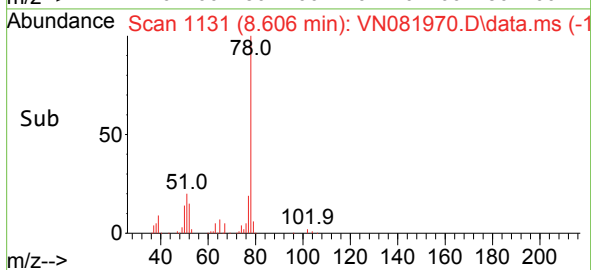
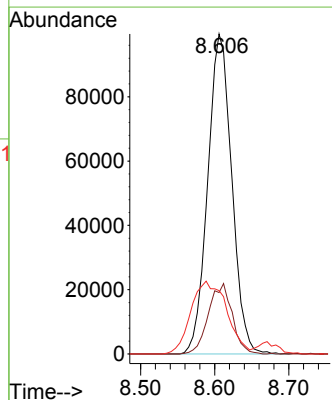
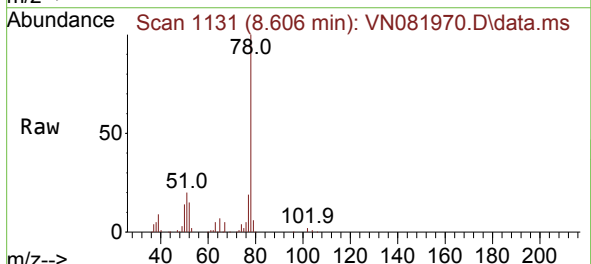


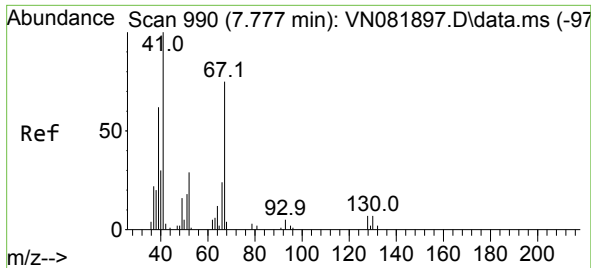
Tgt Ion:117 Resp: 60387
Ion Ratio Lower Upper
117 100
119 87.6 77.7 116.5
121 28.4 27.0 40.6



#34
Benzene
Concen: 21.632 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

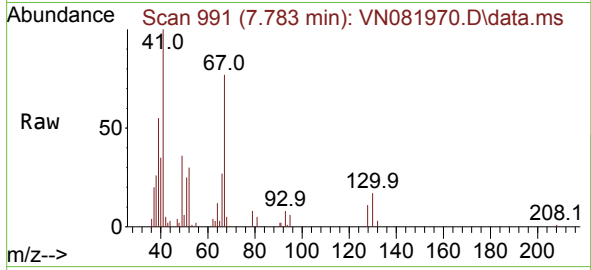
Tgt Ion: 78 Resp: 224683
Ion Ratio Lower Upper
78 100
77 19.2 19.2 28.8
51 17.8 13.3 19.9



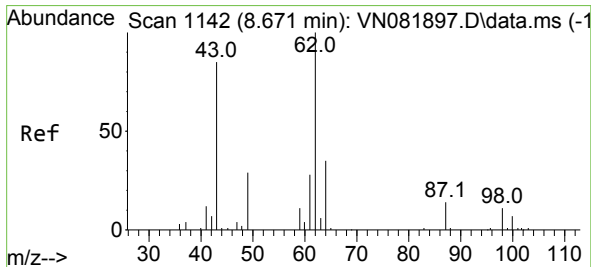
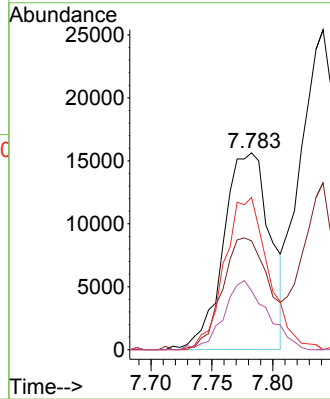
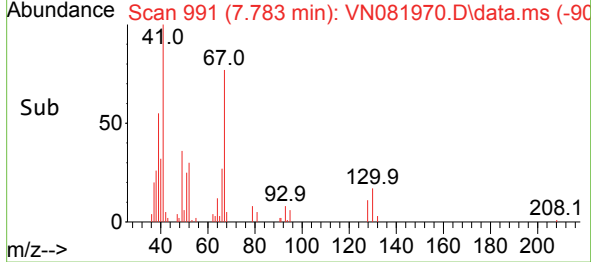


#35
Methacrylonitrile
Concen: 19.504 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

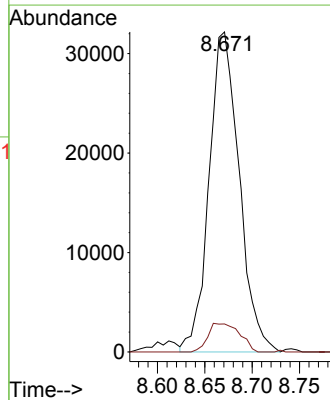
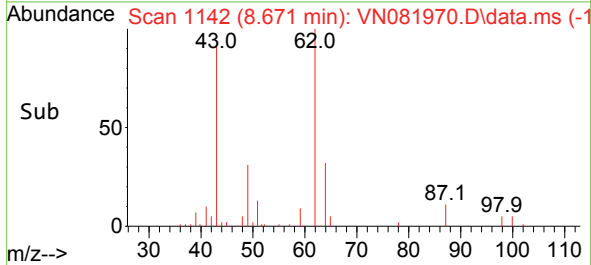
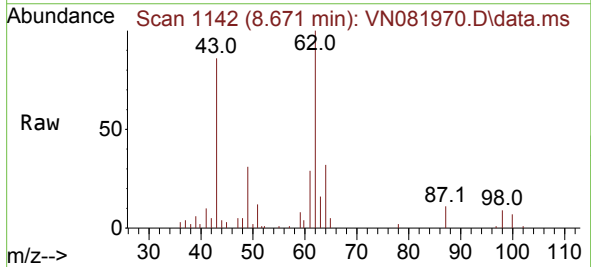


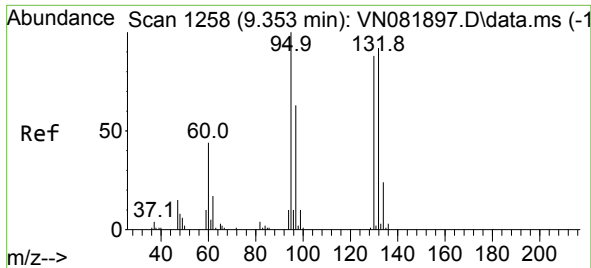
Tgt Ion: 41 Resp: 41412
Ion Ratio Lower Upper
41 100
39 56.0 25.3 75.9
67 78.3 38.7 116.1
52 30.3 13.6 40.8



#36
1,2-Dichloroethane
Concen: 20.459 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 62 Resp: 71333
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.4

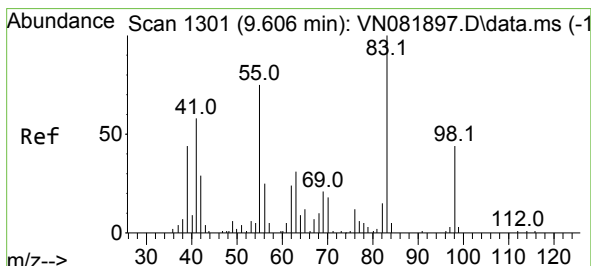
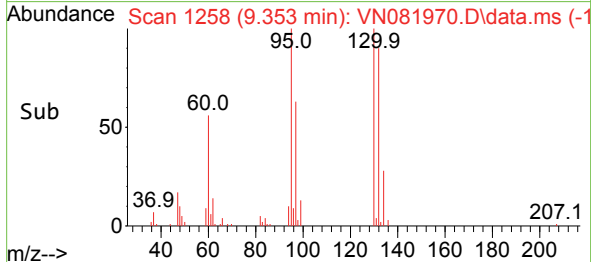
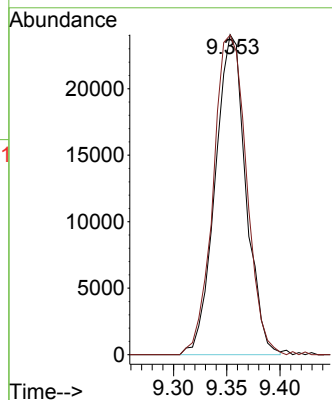
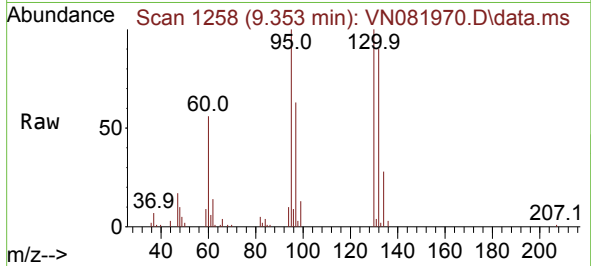




#37
Trichloroethene
Concen: 19.016 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

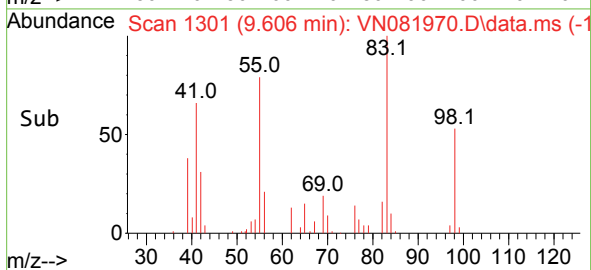
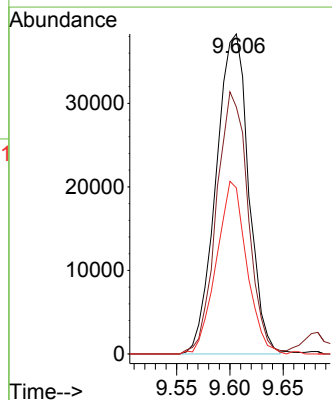
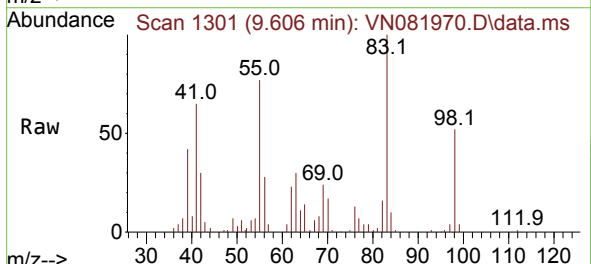
Instrument :
MSVOA_N
ClientSampleId :

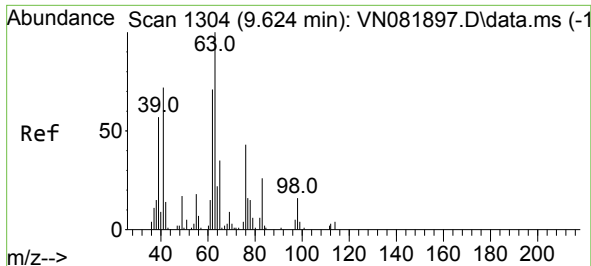
Tgt Ion:130 Resp: 48376
Ion Ratio Lower Upper
130 100
95 99.8 80.2 120.4



#38
Methylcyclohexane
Concen: 20.724 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 83 Resp: 81507
Ion Ratio Lower Upper
83 100
55 79.6 36.6 109.9
98 50.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.617 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

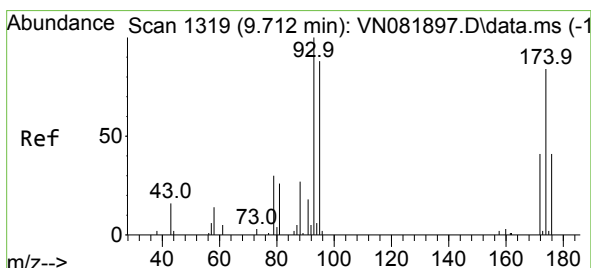
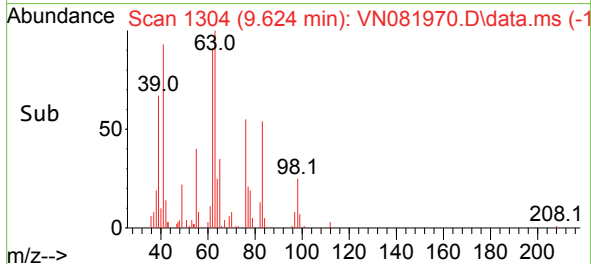
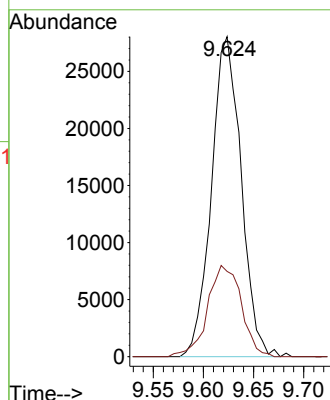
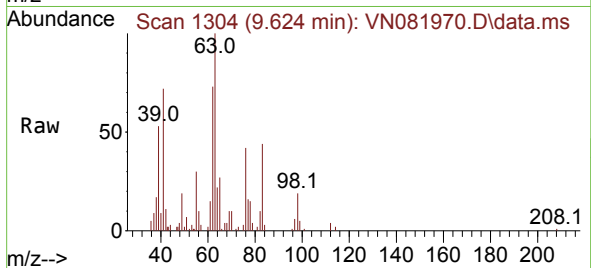
ClientSampleId :

Tgt Ion: 63 Resp: 57611

Ion Ratio Lower Upper

63 100

65 26.7 25.0 37.4



#40

Dibromomethane

Concen: 21.073 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

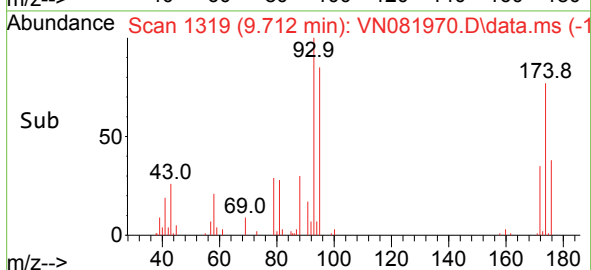
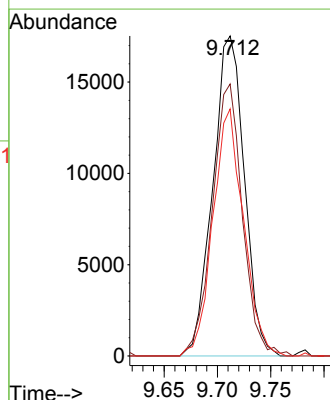
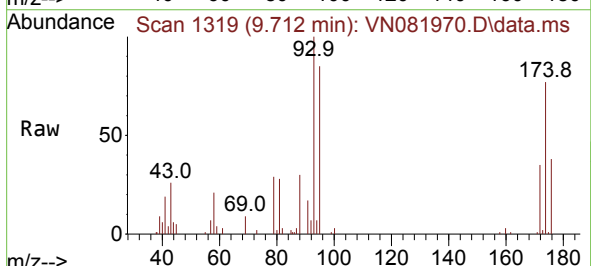
Tgt Ion: 93 Resp: 36079

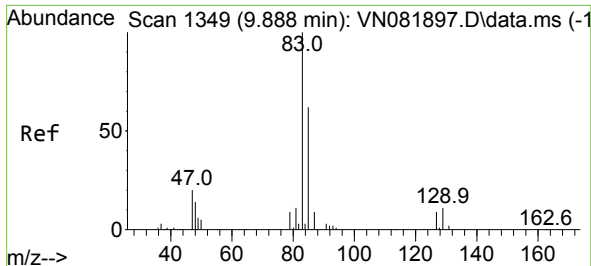
Ion Ratio Lower Upper

93 100

95 81.1 0.0 164.6

174 75.0 0.0 193.2

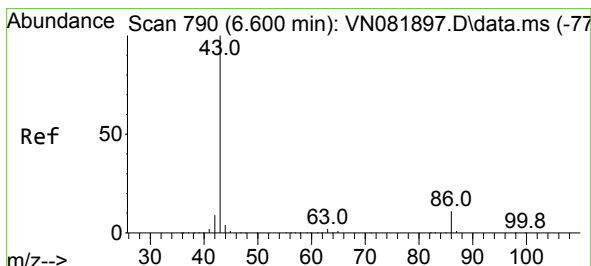
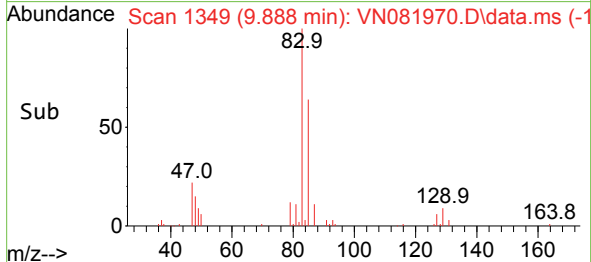
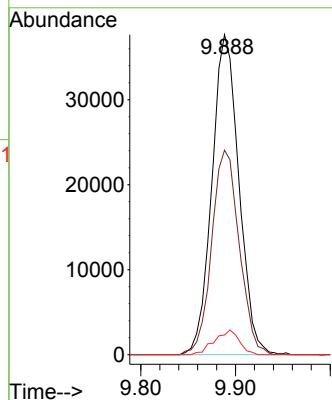
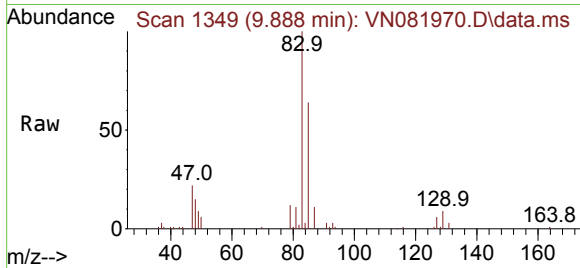




#41
Bromodichloromethane
Concen: 20.377 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

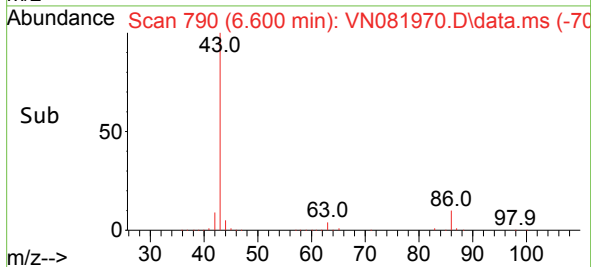
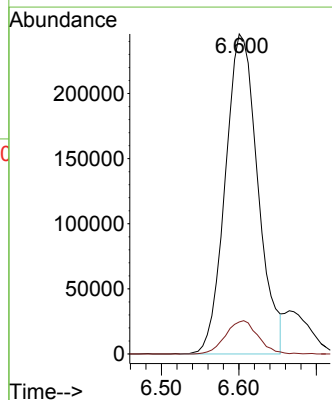
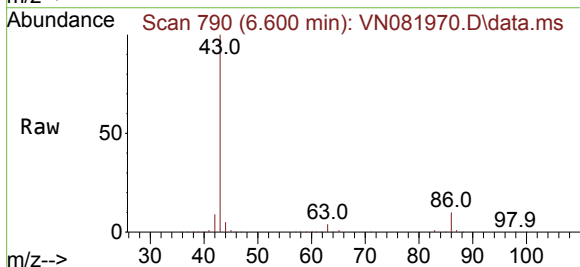
Instrument :
MSVOA_N
ClientSampleId :

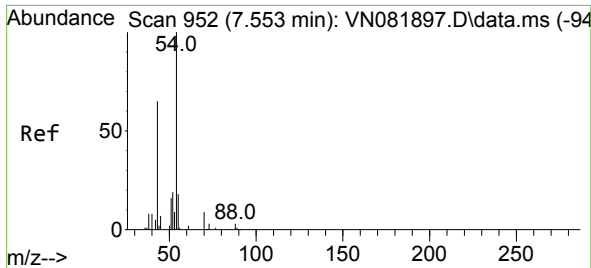
Tgt Ion: 83 Resp: 74567
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.2
127 6.2 7.3 10.9#



#42
Vinyl Acetate
Concen: 100.754 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 43 Resp: 719705
Ion Ratio Lower Upper
43 100
86 10.3 9.4 14.2

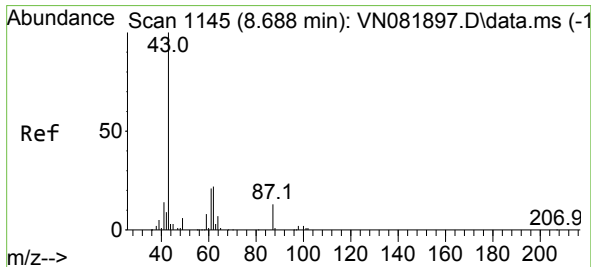
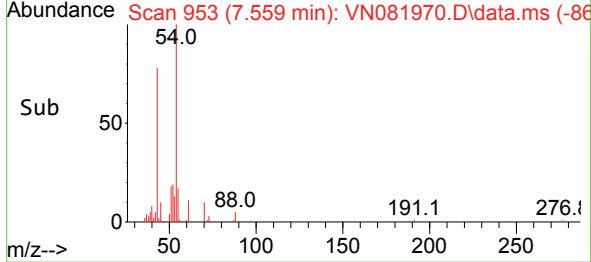
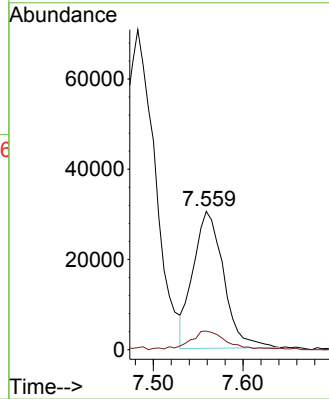
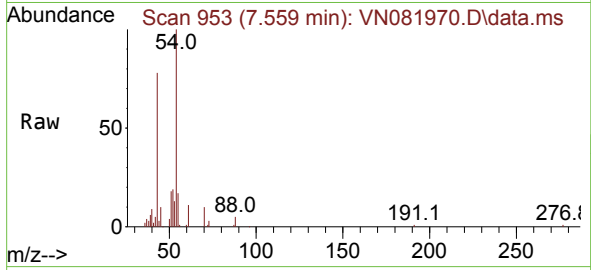




#43
Ethyl Acetate
Concen: 19.571 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

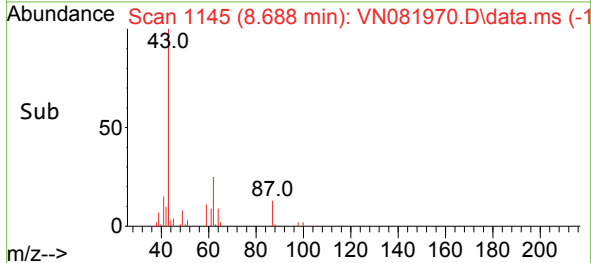
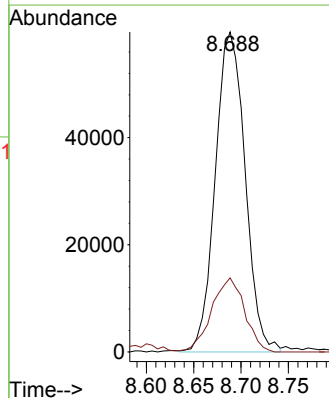
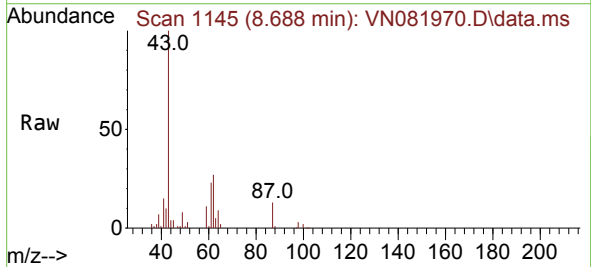
Instrument :
MSVOA_N
ClientSampleId :

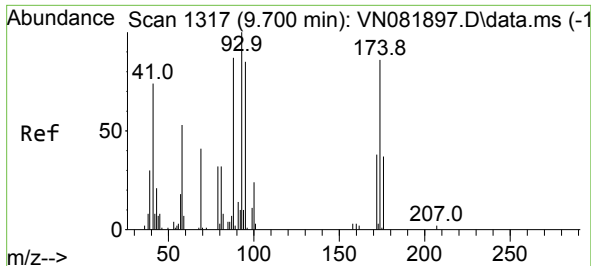
Tgt Ion: 43 Resp: 71613
Ion Ratio Lower Upper
43 100
45 15.4 10.6 15.8



#44
Isopropyl Acetate
Concen: 20.136 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

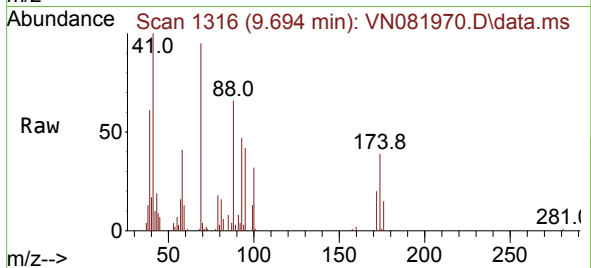
Tgt Ion: 43 Resp: 130806
Ion Ratio Lower Upper
43 100
61 25.7 25.0 37.4



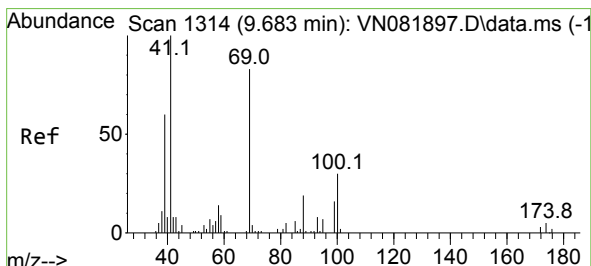
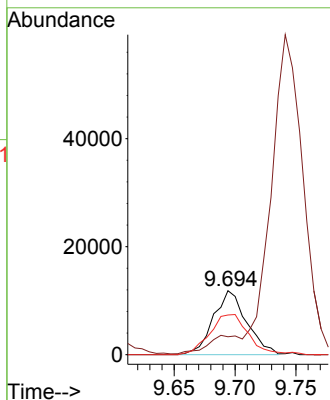
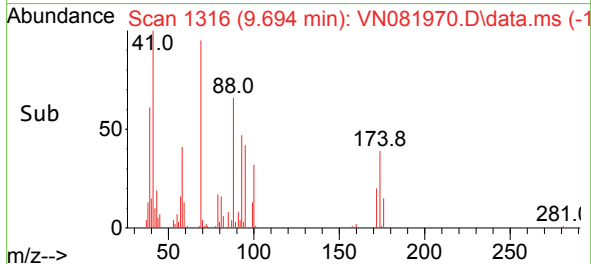


#45
1,4-Dioxane
Concen: 432.789 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

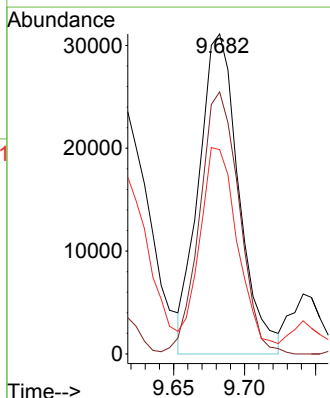
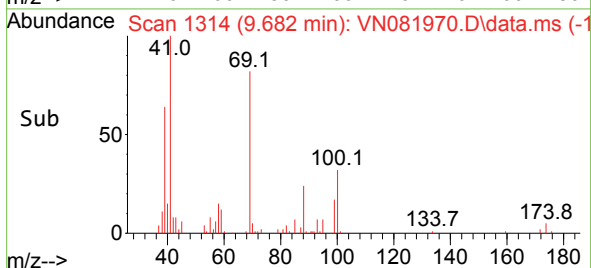
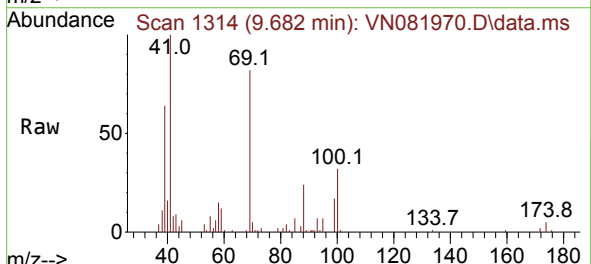


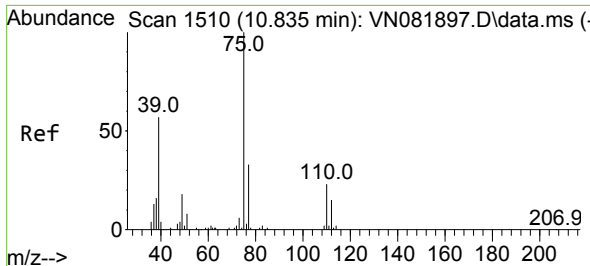
Tgt Ion: 88 Resp: 22547
Ion Ratio Lower Upper
88 100
43 31.3 19.8 29.6#
58 72.1 55.4 83.0



#46
Methyl methacrylate
Concen: 20.564 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 41 Resp: 61029
Ion Ratio Lower Upper
41 100
69 85.7 51.1 153.3
39 64.7 25.8 77.3

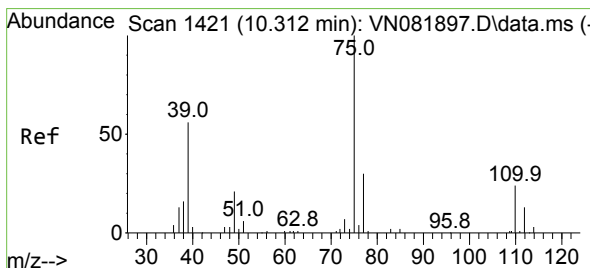
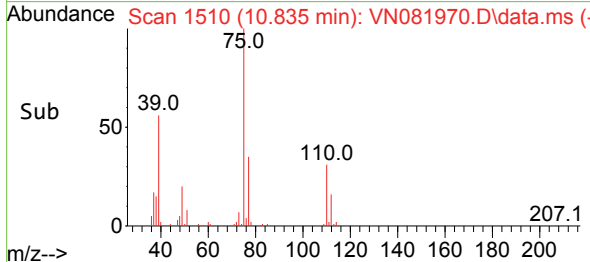
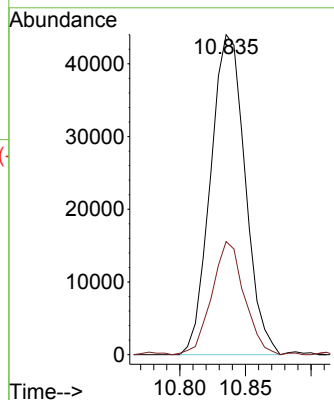
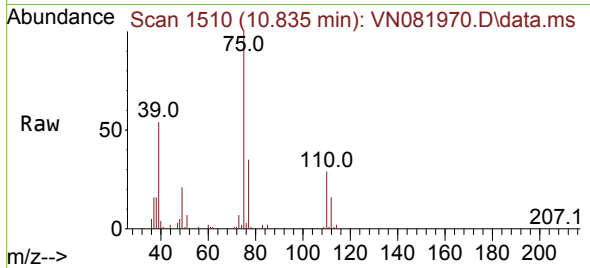




#48
 t-1,3-Dichloropropene
 Concen: 20.353 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

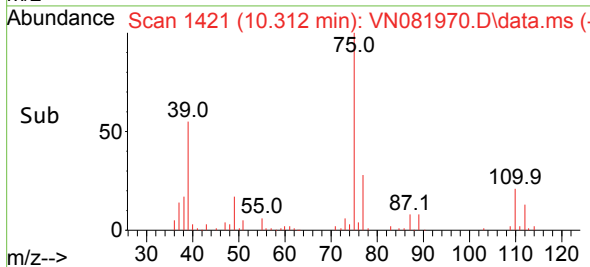
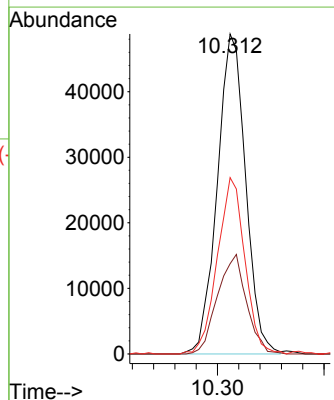
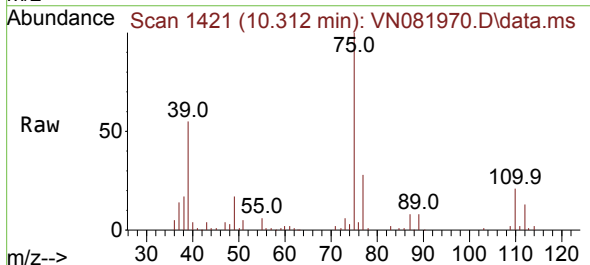
Instrument :
 MSVOA_N
 ClientSampleId :

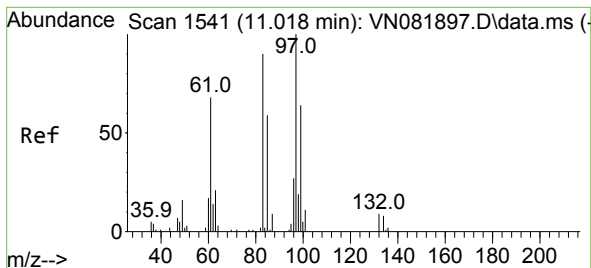
Tgt Ion: 75 Resp: 80770
 Ion Ratio Lower Upper
 75 100
 77 35.3 23.8 35.6



#49
 cis-1,3-Dichloropropene
 Concen: 21.471 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Tgt Ion: 75 Resp: 90087
 Ion Ratio Lower Upper
 75 100
 77 28.2 24.9 37.3
 39 55.1 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 20.871 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

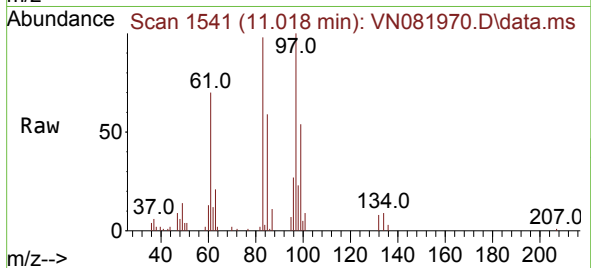
Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 48480

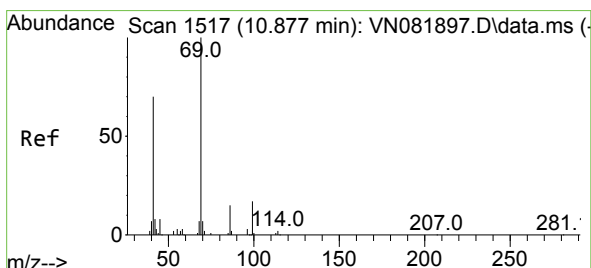
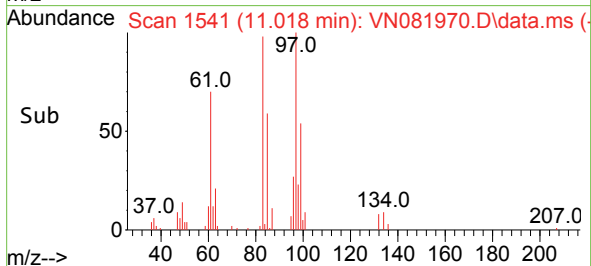
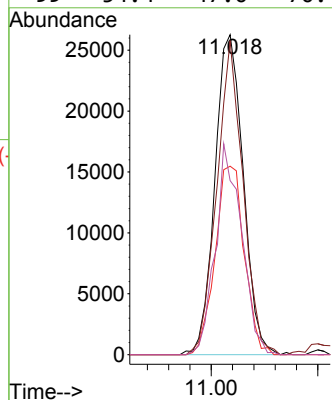
Ion Ratio Lower Upper

97 100

83 98.1 68.1 102.1

85 58.9 41.8 62.6

99 54.4 47.0 70.4



#51

Ethyl methacrylate

Concen: 20.237 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

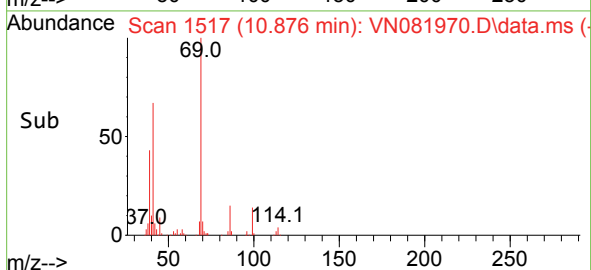
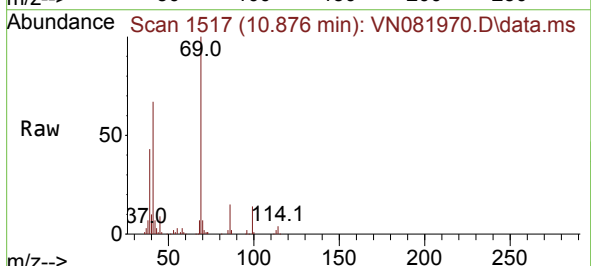
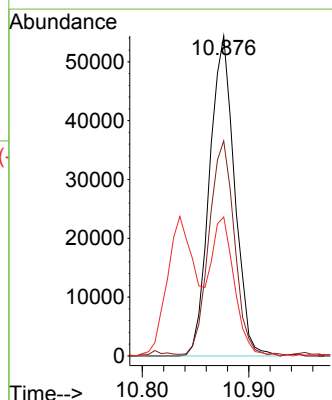
Tgt Ion: 69 Resp: 88718

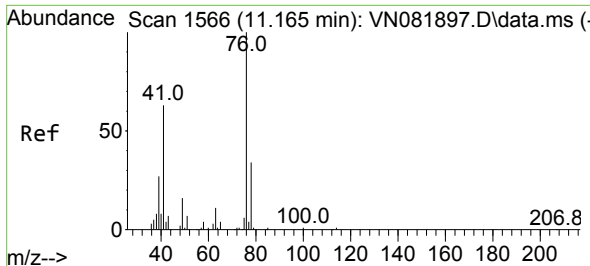
Ion Ratio Lower Upper

69 100

41 66.7 25.5 76.5

39 43.5 16.0 47.9

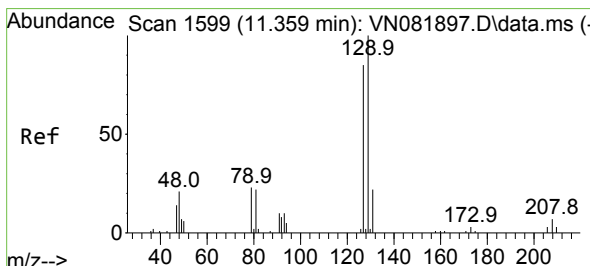
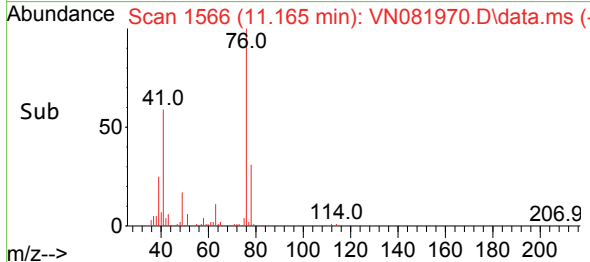
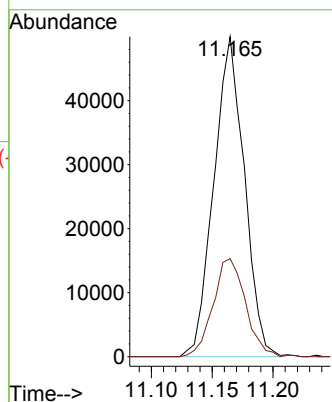
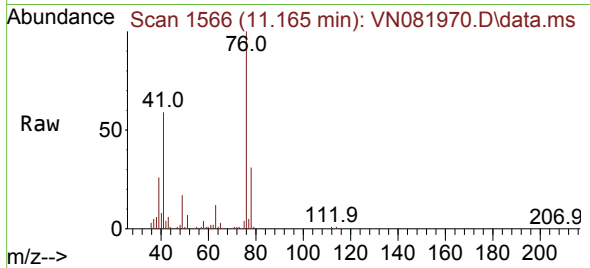




#52
1,3-Dichloropropane
Concen: 20.415 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

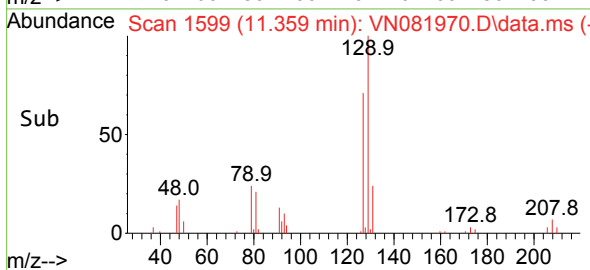
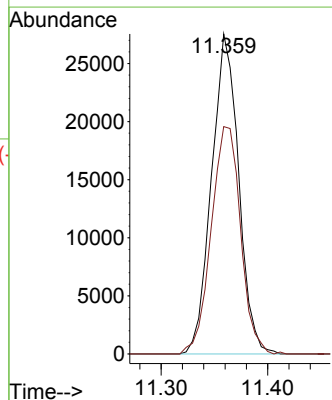
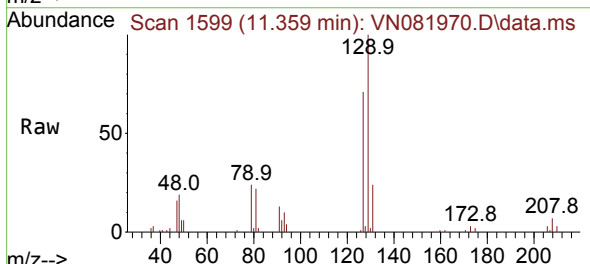
Instrument :
MSVOA_N
ClientSampleId :

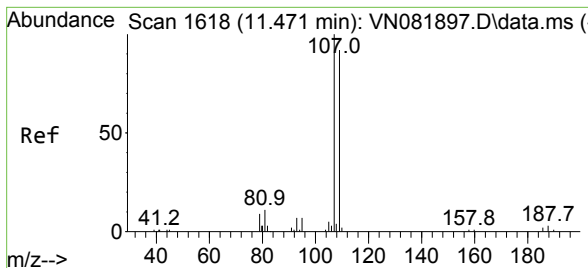
Tgt Ion: 76 Resp: 87123
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.8



#53
Dibromochloromethane
Concen: 19.213 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 129 Resp: 48556
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.1





#54

1,2-Dibromoethane

Concen: 20.582 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

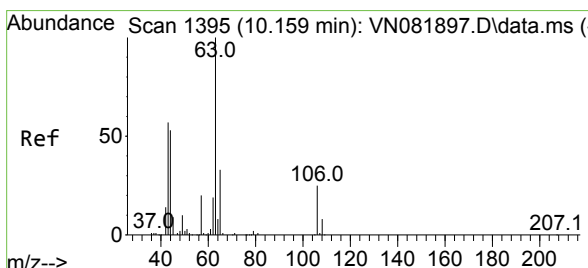
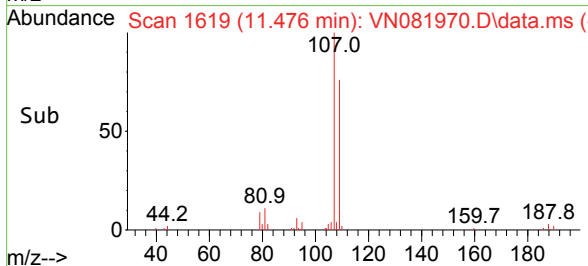
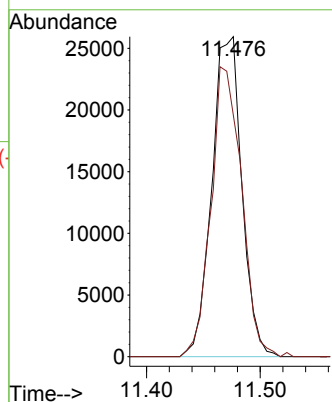
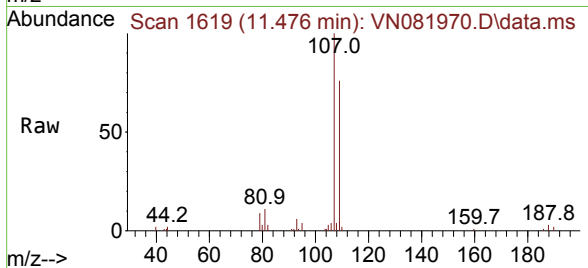
ClientSampleId :

Tgt Ion:107 Resp: 47680

Ion Ratio Lower Upper

107 100

109 92.2 74.7 112.1



#55

2-Chloroethyl vinyl ether

Concen: 97.541 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

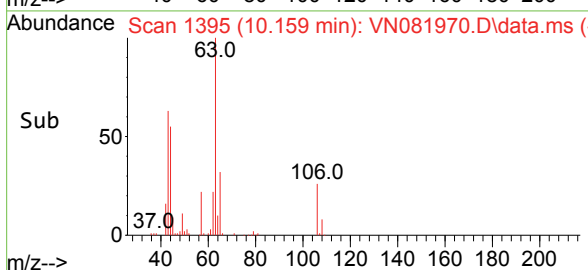
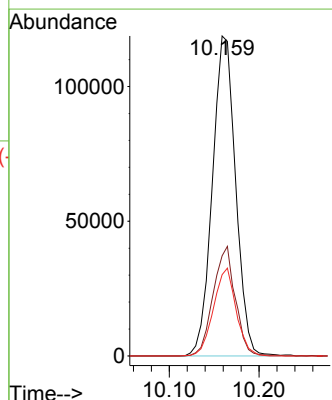
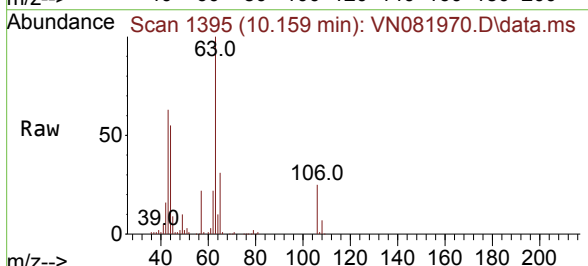
Tgt Ion: 63 Resp: 213831

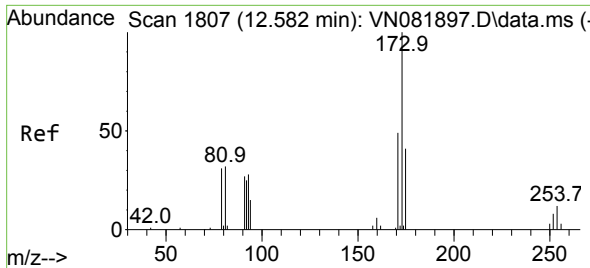
Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.2

106 26.7 23.8 35.8

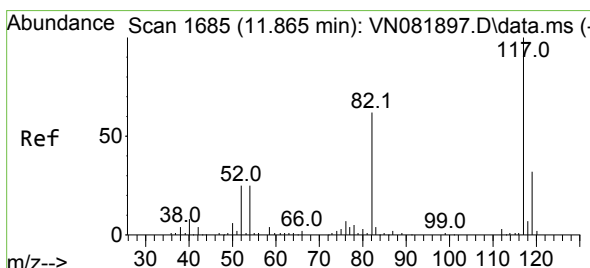
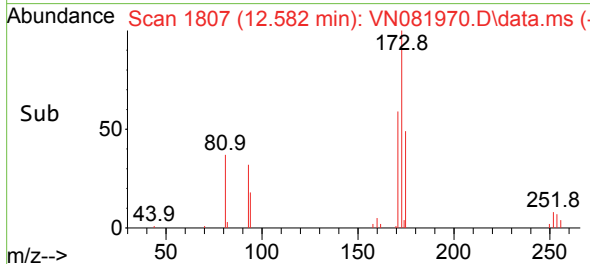
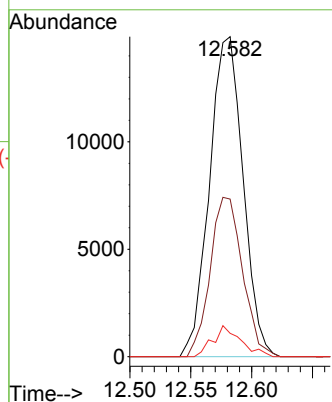
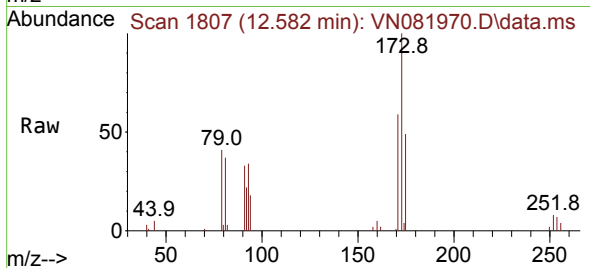




#56
Bromoform
Concen: 18.534 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

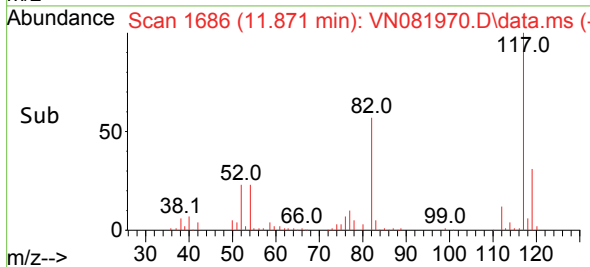
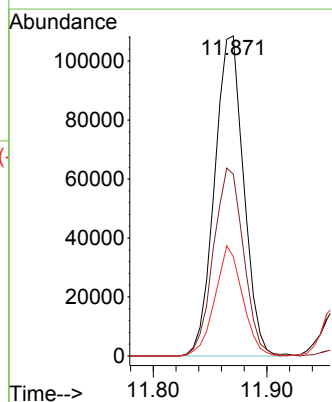
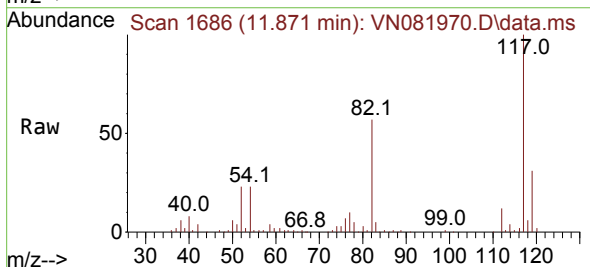
Instrument :
MSVOA_N
ClientSampleId :

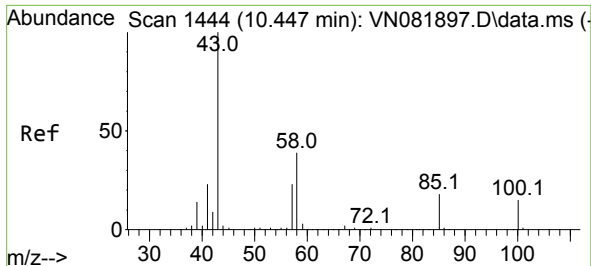
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	40.0	60.0
254	7.4	8.3	12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

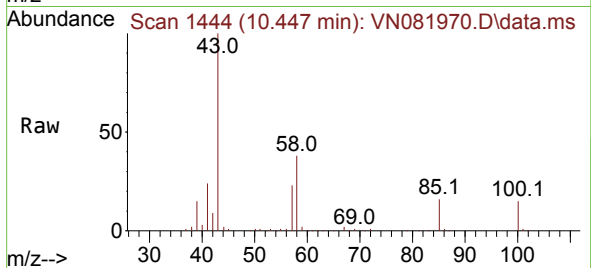
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.6	69.8
119	32.7	25.4	38.2



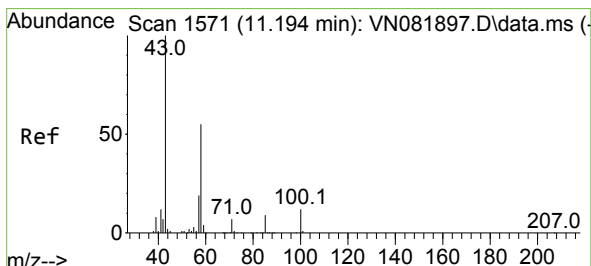
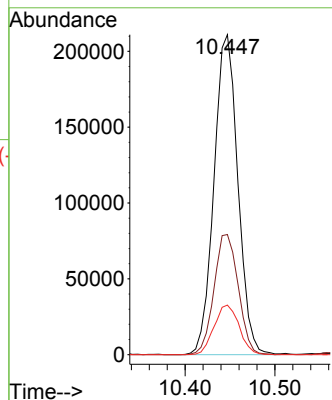
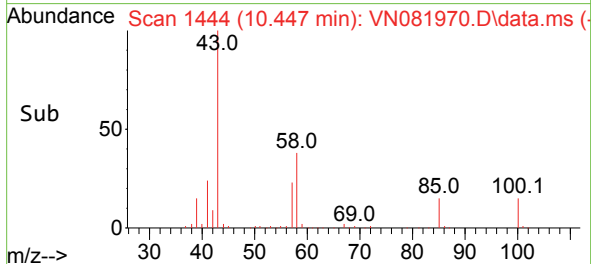


#58
4-Methyl-2-Pentanone
Concen: 103.857 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Instrument :
MSVOA_N
ClientSampleId :

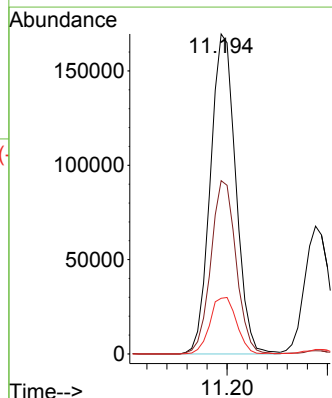
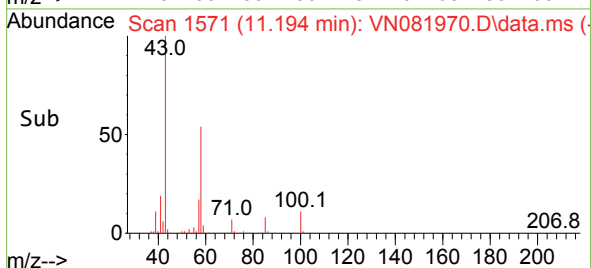
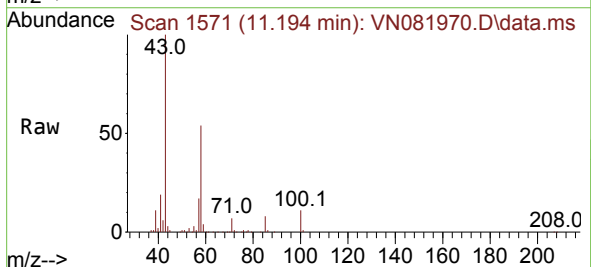


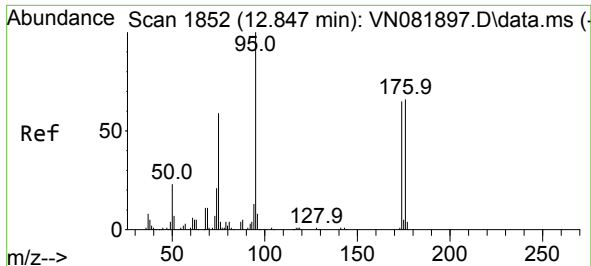
Tgt Ion: 43 Resp: 389763
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 16.3 19.5 29.3#



#59
2-Hexanone
Concen: 106.902 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 43 Resp: 297460
Ion Ratio Lower Upper
43 100
58 53.8 50.4 75.6
57 18.5 18.6 27.8#

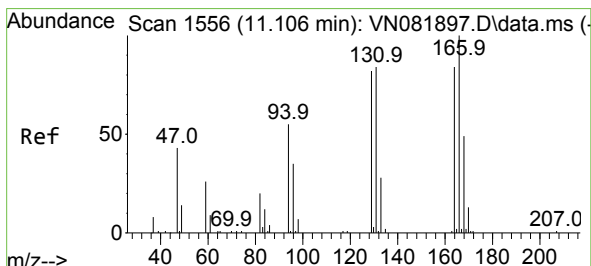
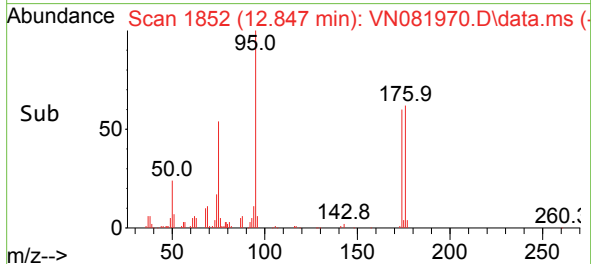
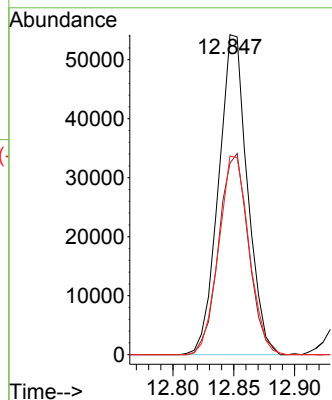
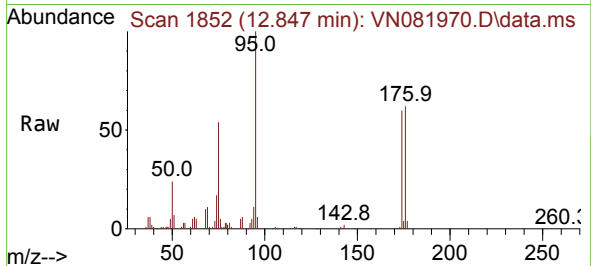




#60
4-Bromofluorobenzene
Concen: 27.861 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

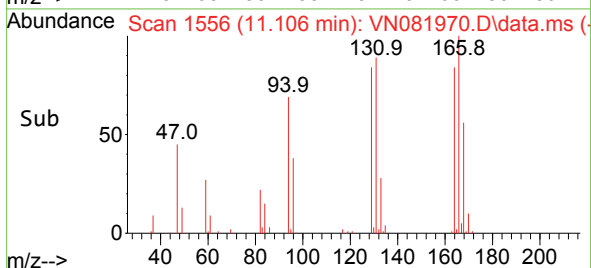
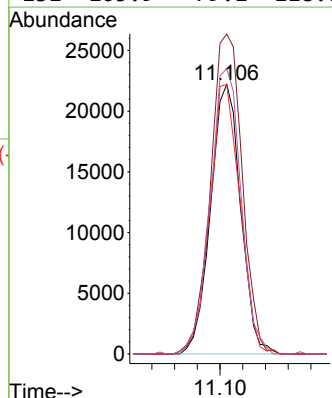
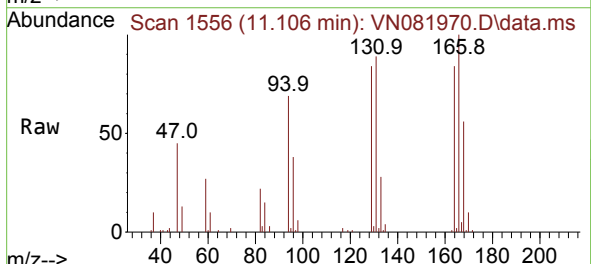
Instrument :
MSVOA_N
ClientSampleId :

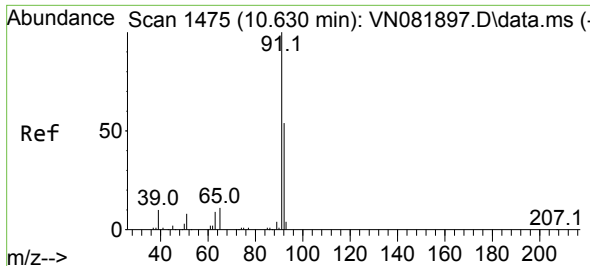
Tgt Ion: 95 Resp: 89618
Ion Ratio Lower Upper
95 100
174 64.7 60.5 90.7
176 65.0 57.8 86.6



#61
Tetrachloroethene
Concen: 18.971 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 164 Resp: 40686
Ion Ratio Lower Upper
164 100
166 118.7 106.7 160.1
129 100.0 85.8 128.6
131 105.9 79.1 118.7

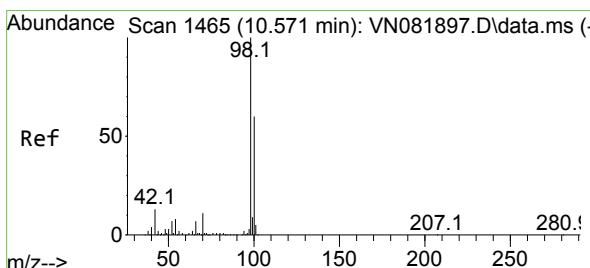
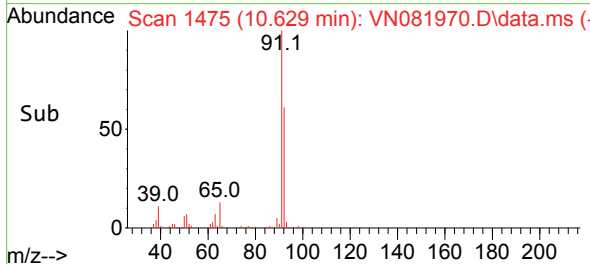
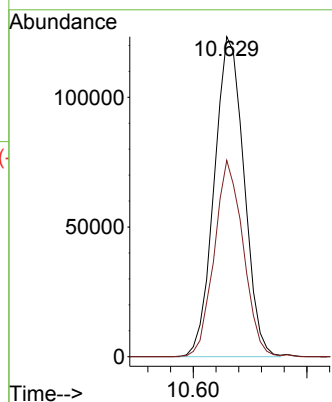
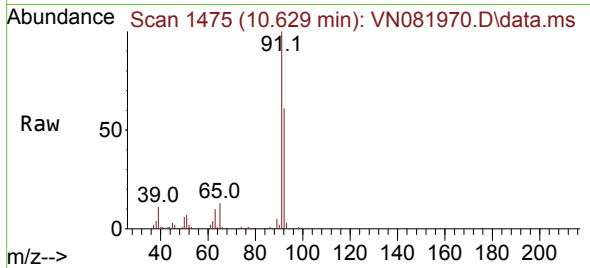




#62
Toluene
Concen: 20.611 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

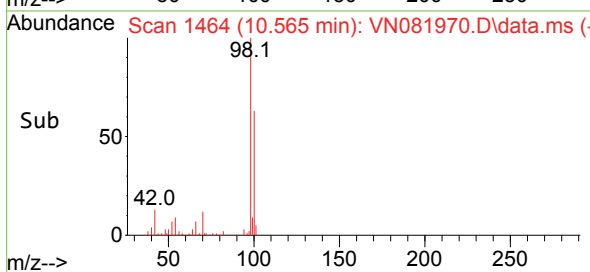
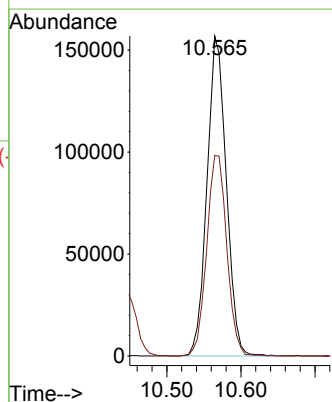
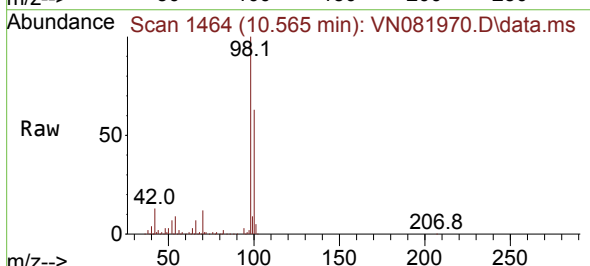
Instrument :
MSVOA_N
ClientSampleId :

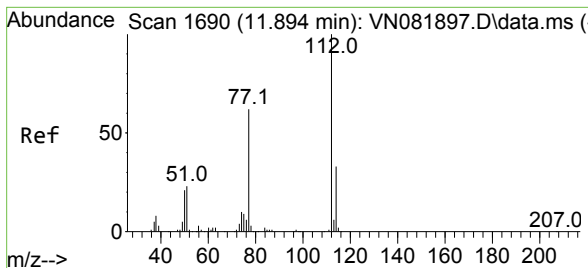
Tgt Ion: 91 Resp: 224148
Ion Ratio Lower Upper
91 100
92 59.6 46.5 69.7



#63
Toluene-d8
Concen: 30.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 98 Resp: 283747
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

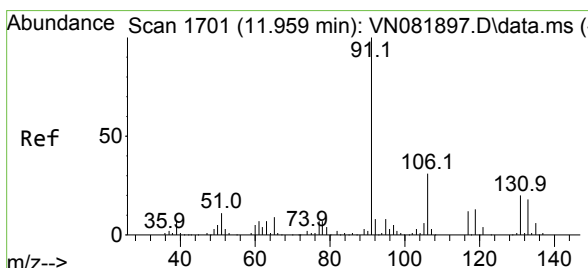
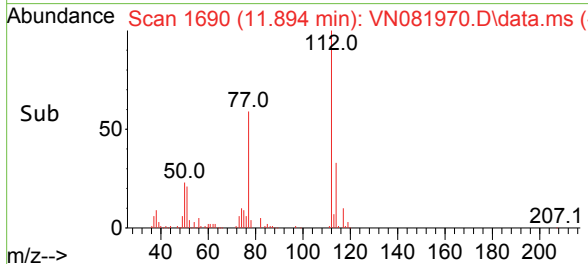
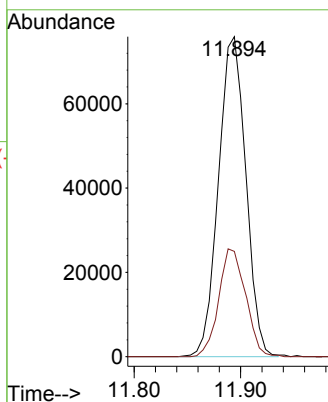
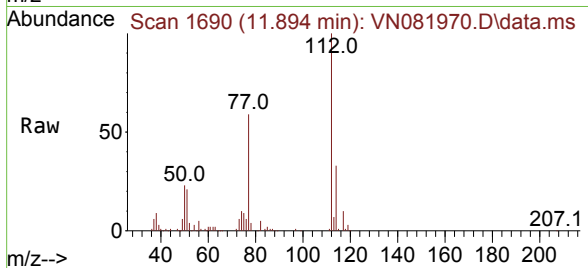




#64
Chlorobenzene
Concen: 20.382 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

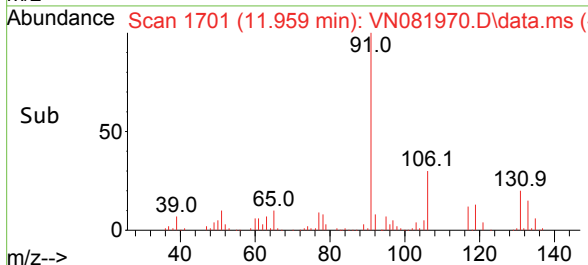
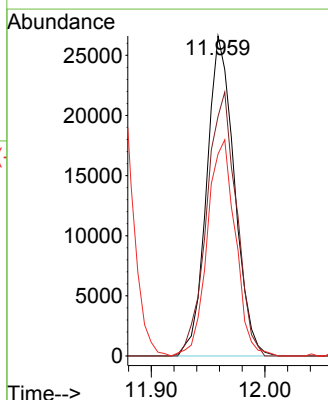
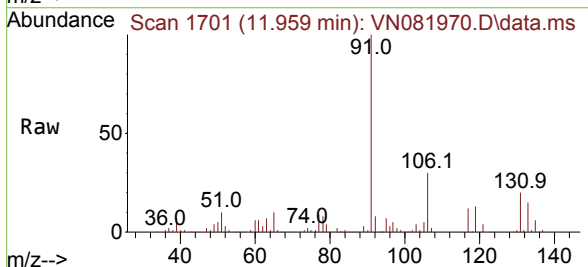
Instrument :
MSVOA_N
ClientSampleId :

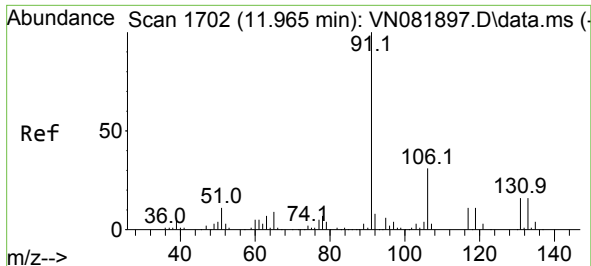
Tgt Ion:112 Resp: 135569
Ion Ratio Lower Upper
112 100
114 32.9 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 20.745 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion:131 Resp: 45163
Ion Ratio Lower Upper
131 100
133 88.1 0.0 188.0
119 68.3 0.0 122.8

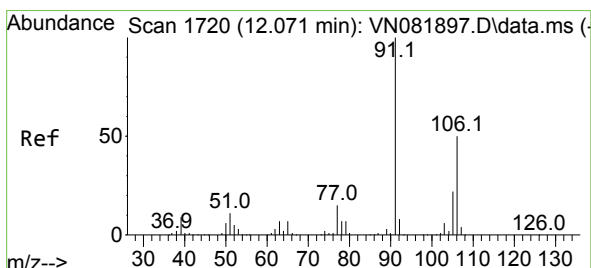
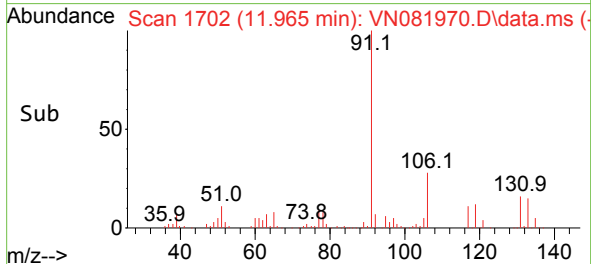
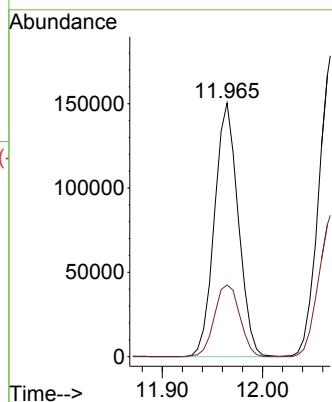
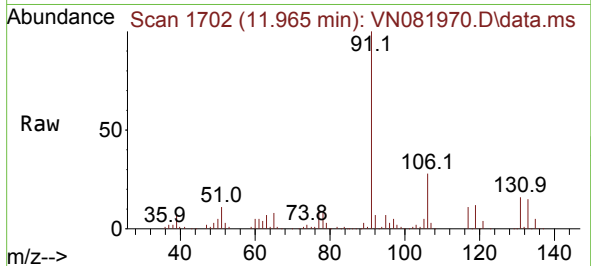




#66
Ethyl Benzene
Concen: 20.788 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

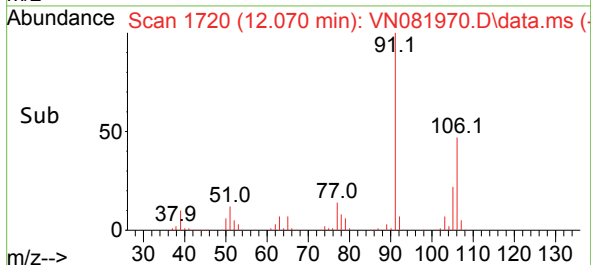
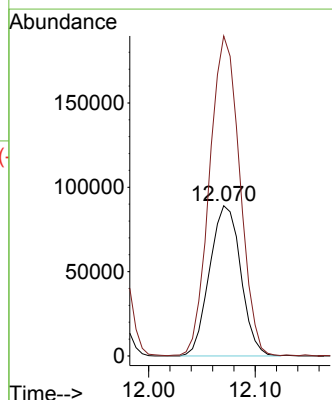
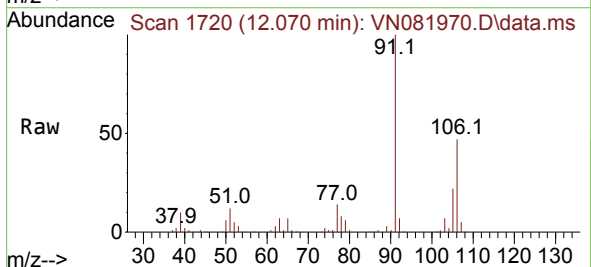
Instrument :
MSVOA_N
ClientSampleId :

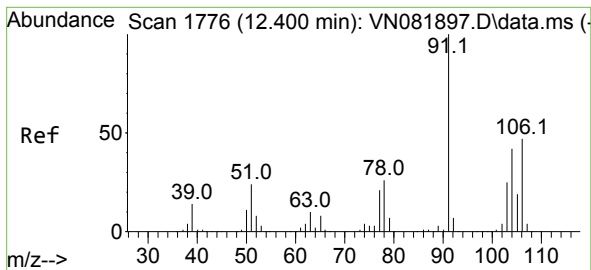
Tgt Ion: 91 Resp: 247796
Ion Ratio Lower Upper
91 100
106 28.2 24.4 36.6



#67
m/p-Xylenes
Concen: 40.957 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 106 Resp: 181014
Ion Ratio Lower Upper
106 100
91 207.0 166.6 249.8

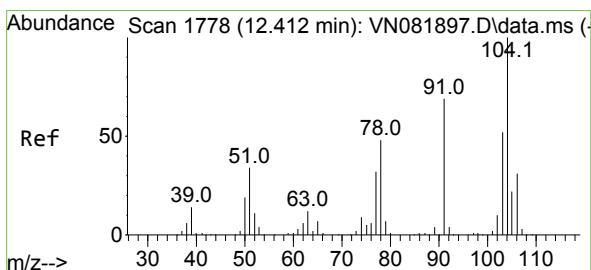
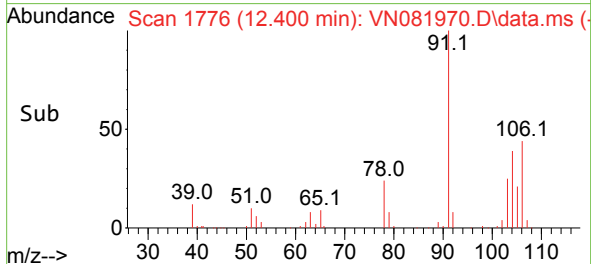
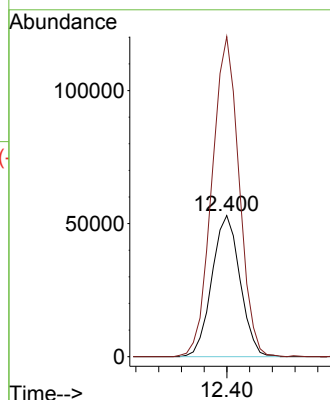
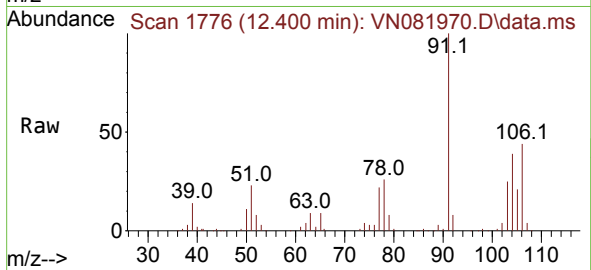




#68
o-Xylene
Concen: 20.851 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

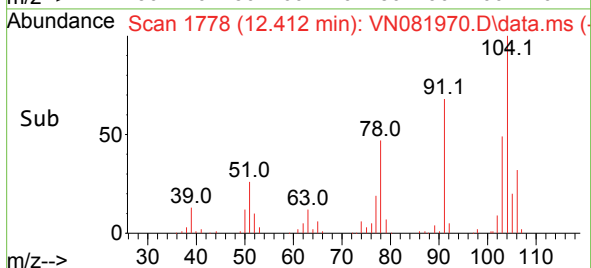
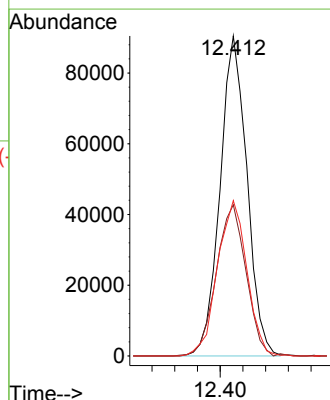
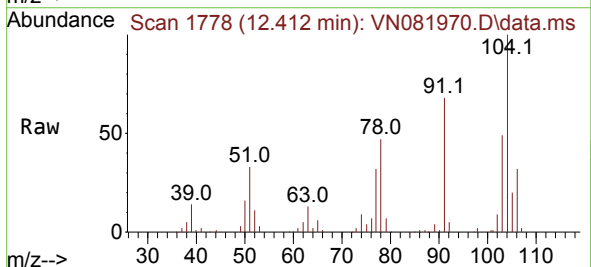
Instrument :
MSVOA_N
ClientSampleId :

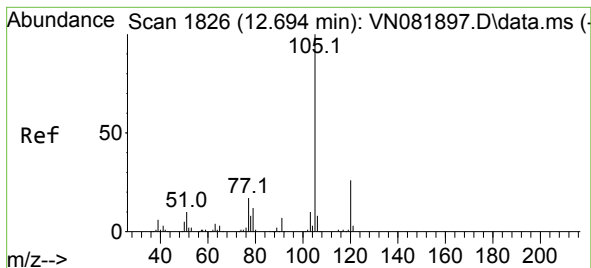
Tgt Ion:106 Resp: 91175
Ion Ratio Lower Upper
106 100
91 219.3 110.0 330.0



#69
Styrene
Concen: 20.305 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion:104 Resp: 149047
Ion Ratio Lower Upper
104 100
78 52.0 42.6 64.0
103 53.1 43.7 65.5





#70

Isopropylbenzene

Concen: 20.428 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

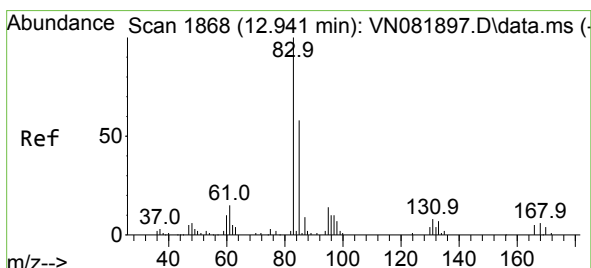
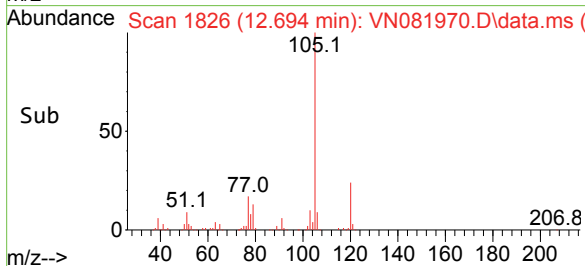
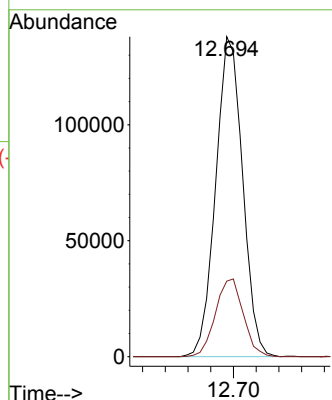
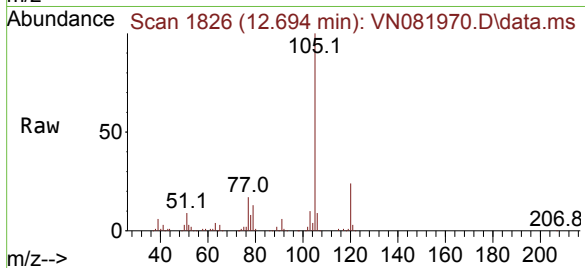
ClientSampleId :

Tgt Ion:105 Resp: 226863

Ion Ratio Lower Upper

105 100

120 25.1 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 20.865 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

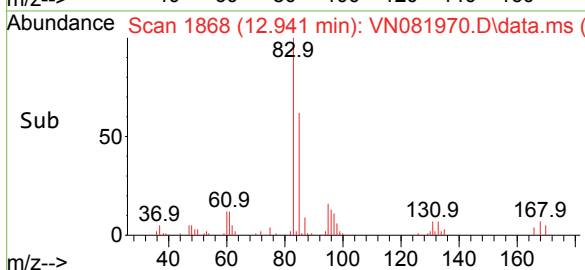
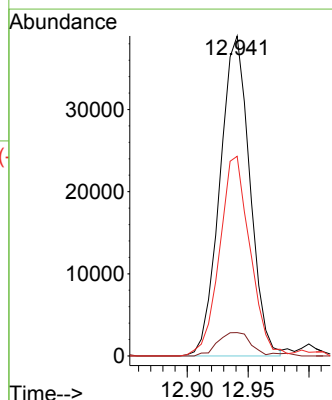
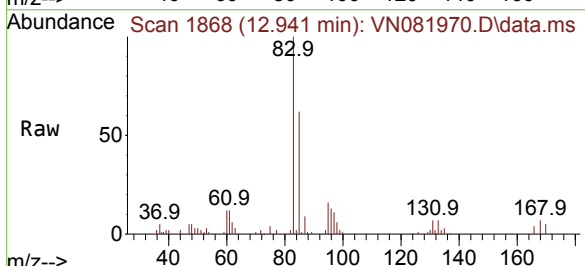
Tgt Ion: 83 Resp: 66681

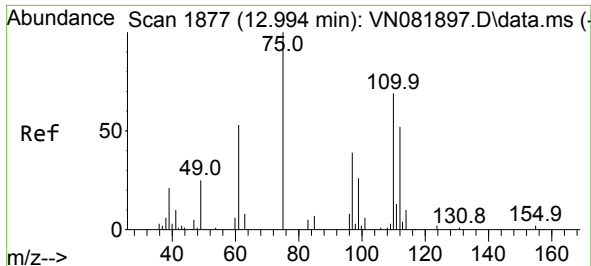
Ion Ratio Lower Upper

83 100

131 8.0 5.2 15.6

85 63.4 32.3 96.8

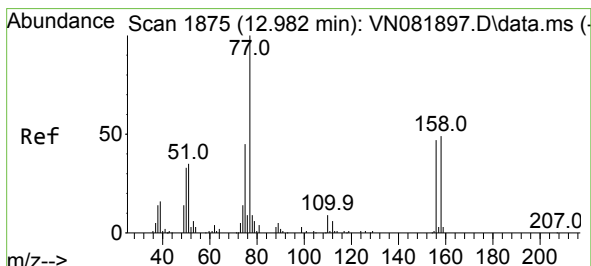
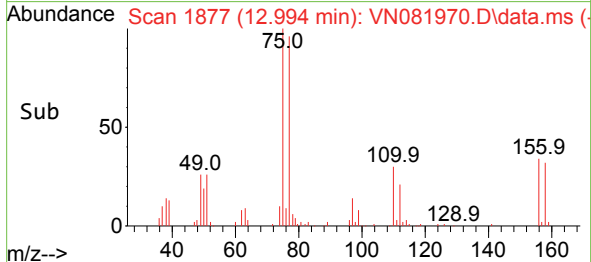
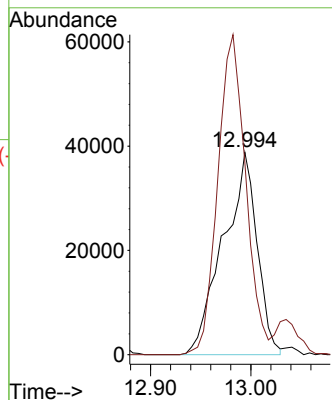
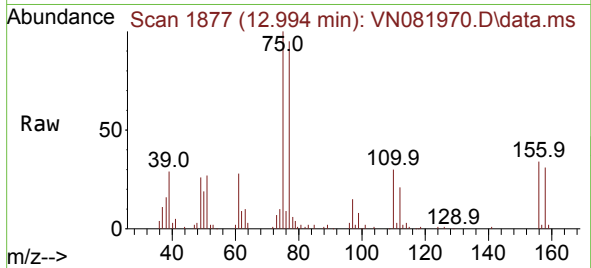




#72
1,2,3-Trichloropropane
Concen: 30.510 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

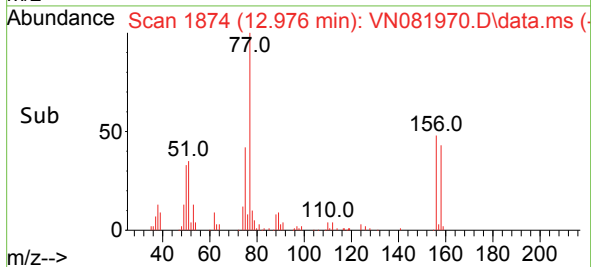
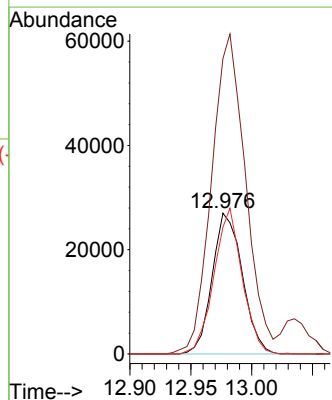
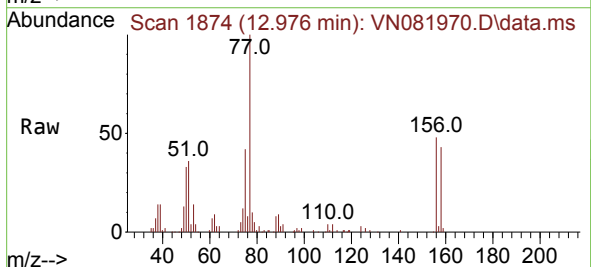
Instrument :
MSVOA_N
ClientSampleId :

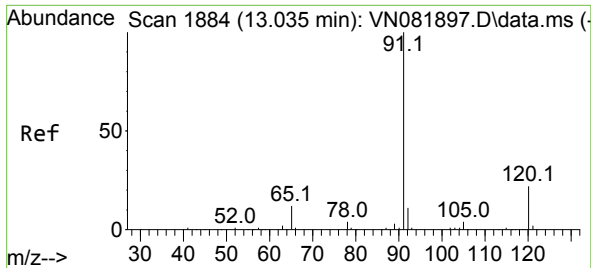
Tgt Ion: 75 Resp: 91157
Ion Ratio Lower Upper
75 100
77 130.5 0.0 367.6



#73
Bromobenzene
Concen: 19.623 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion:156 Resp: 46650
Ion Ratio Lower Upper
156 100
77 254.9 0.0 437.6
158 96.8 0.0 203.8

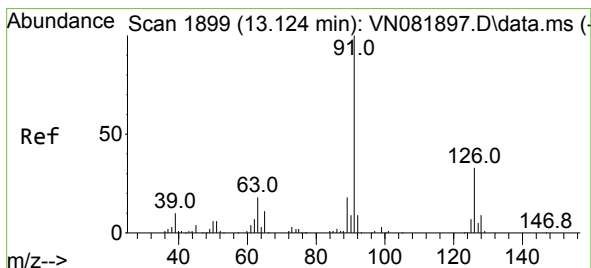
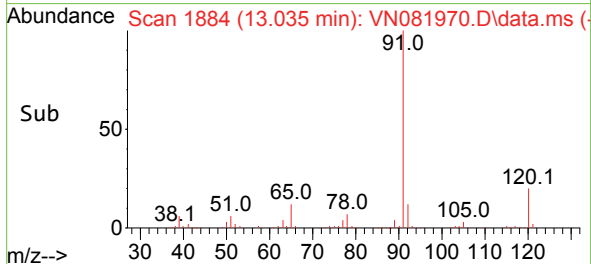
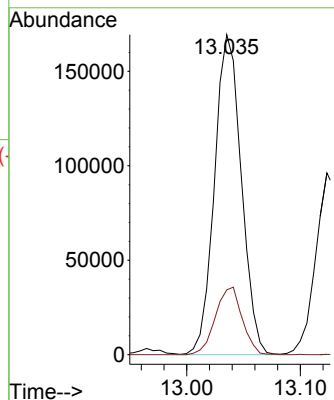
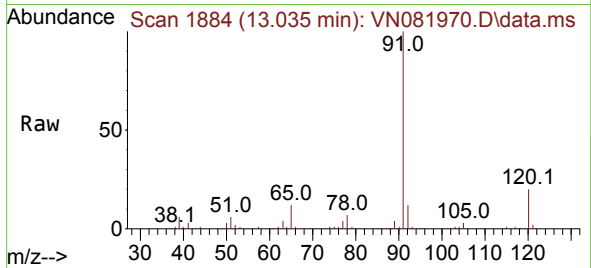




#74
n-propylbenzene
Concen: 21.227 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

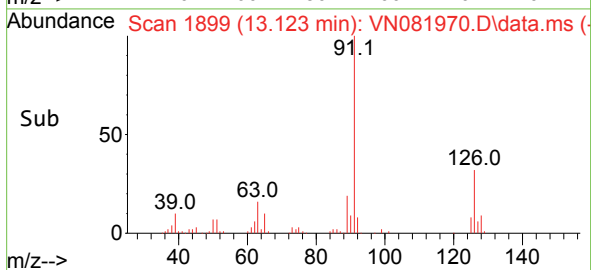
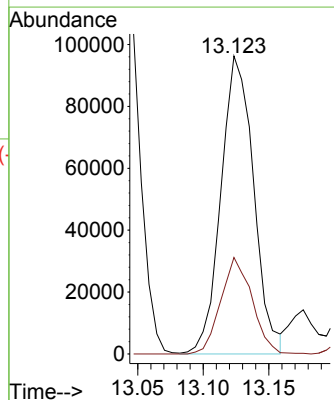
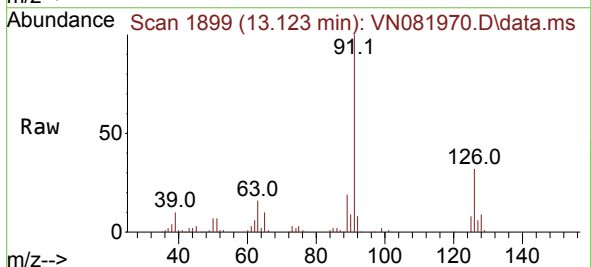
Instrument :
MSVOA_N
ClientSampleId :

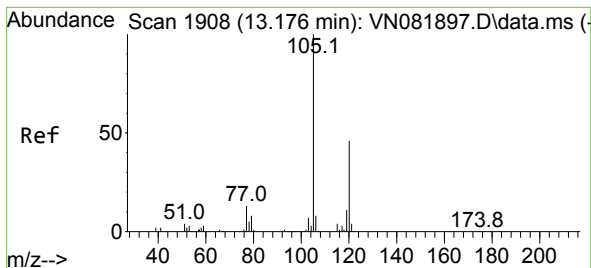
Tgt Ion: 91 Resp: 278121
Ion Ratio Lower Upper
91 100
120 21.0 0.0 43.8



#75
2-Chlorotoluene
Concen: 20.610 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 91 Resp: 167055
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 20.467 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min MSVOA_N

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

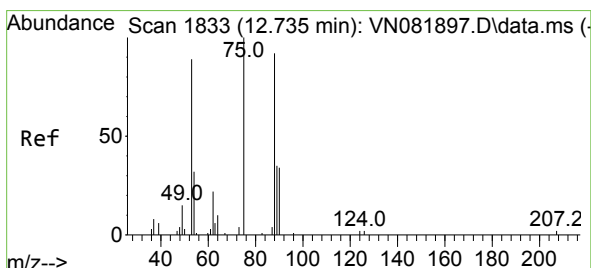
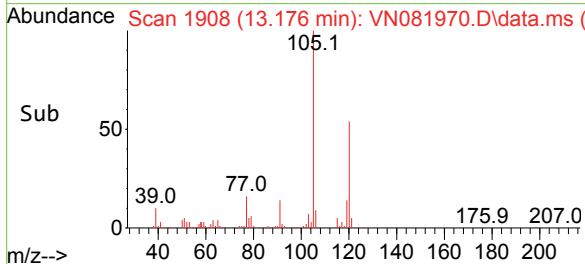
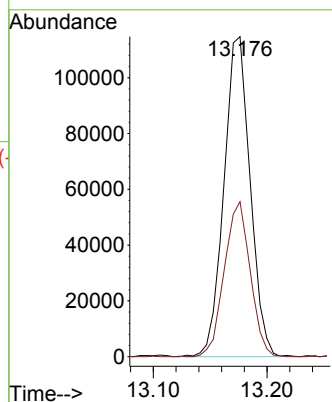
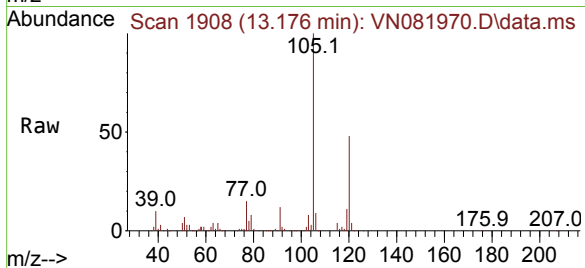
ClientSampleId :

Tgt Ion:105 Resp: 183978

Ion Ratio Lower Upper

105 100

120 47.8 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 20.721 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

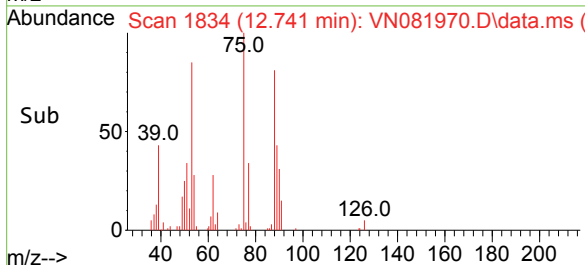
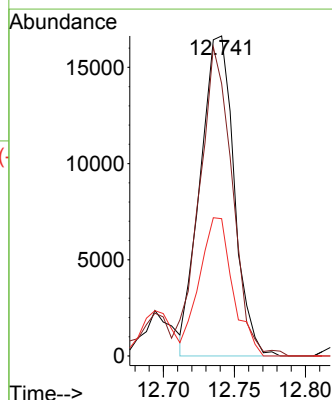
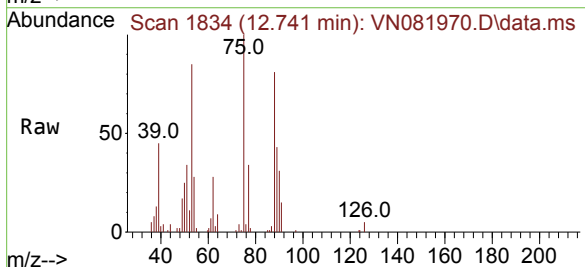
Tgt Ion: 75 Resp: 27556

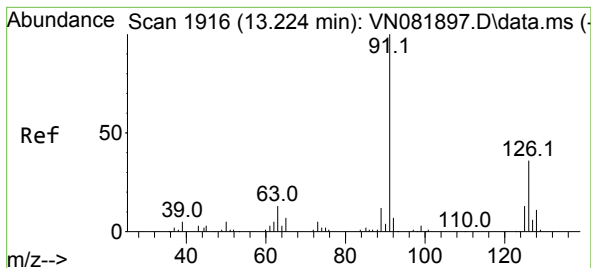
Ion Ratio Lower Upper

75 100

53 83.6 45.9 137.7

89 42.9 25.9 77.7

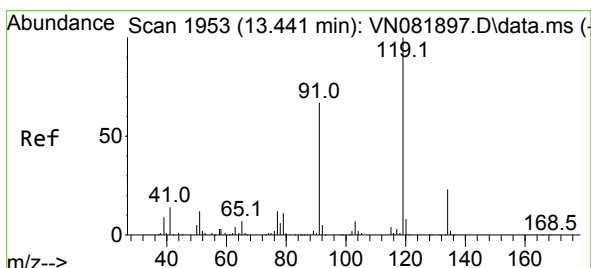
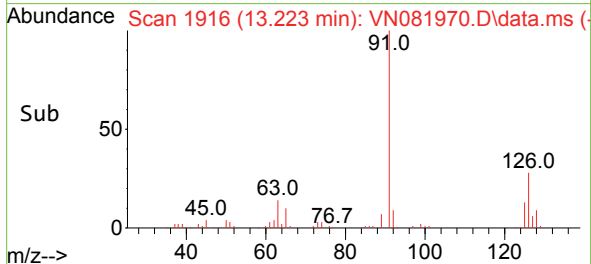
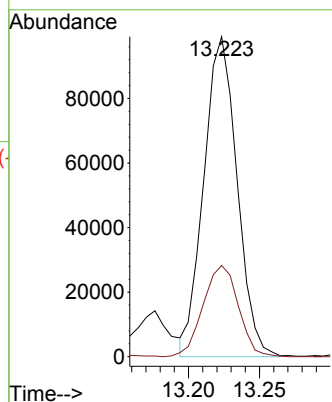
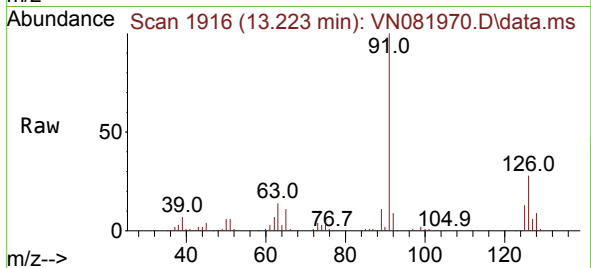




#78
4-Chlorotoluene
Concen: 20.337 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

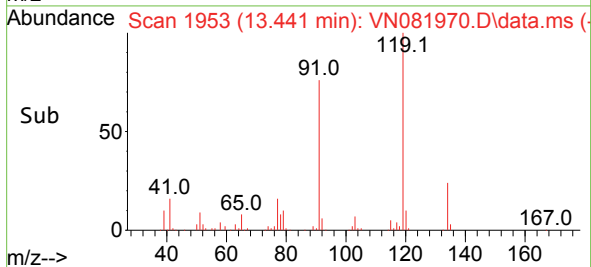
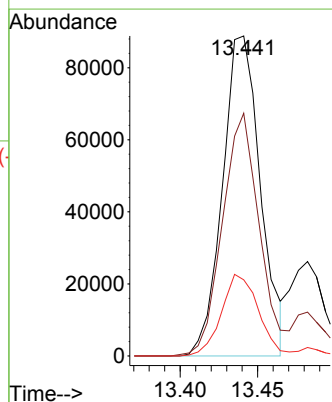
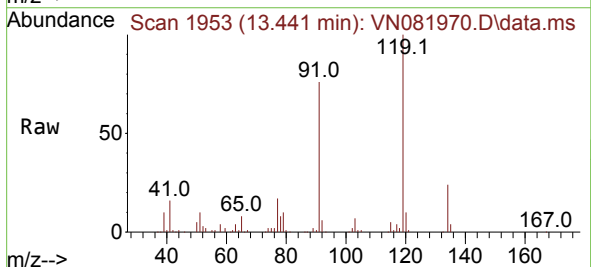
Instrument :
MSVOA_N
ClientSampleId :

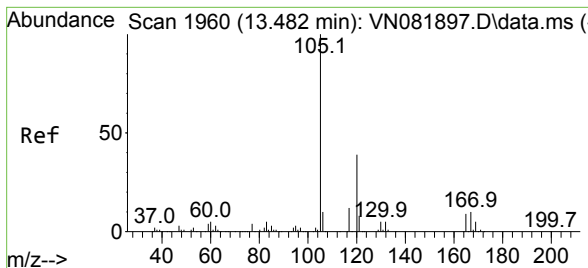
Tgt Ion: 91 Resp: 161488
Ion Ratio Lower Upper
91 100
126 30.1 0.0 62.8



#79
tert-butylbenzene
Concen: 19.550 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

Tgt Ion: 119 Resp: 151313
Ion Ratio Lower Upper
119 100
91 74.5 0.0 138.8
134 24.8 0.0 48.6

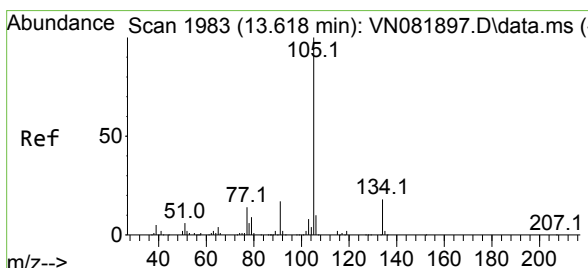
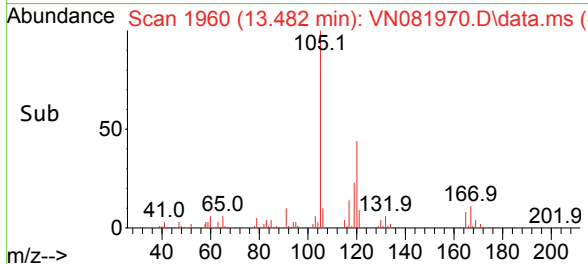
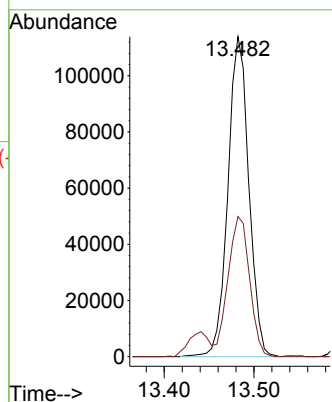
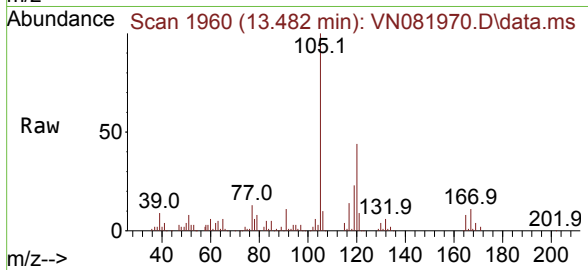




#80
 1,2,4-Trimethylbenzene
 Concen: 20.406 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

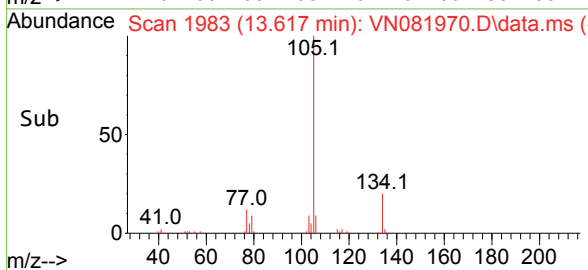
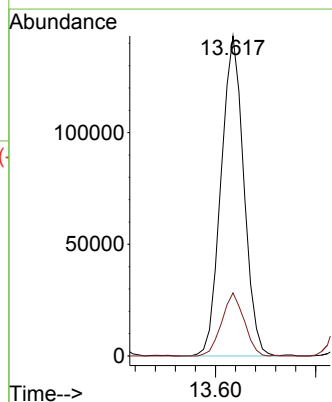
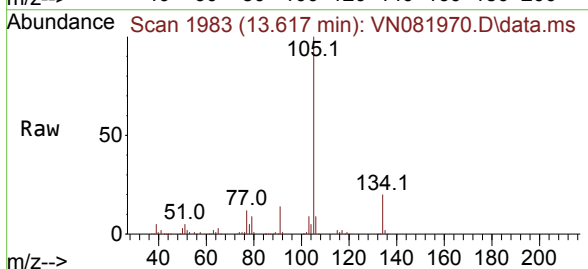
Instrument :
 MSVOA_N
 ClientSampleId :

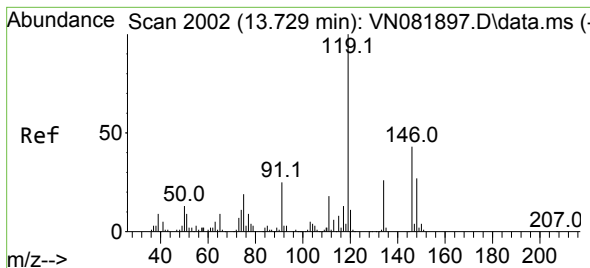
Tgt Ion:105 Resp: 184255
 Ion Ratio Lower Upper
 105 100
 120 45.3 0.0 86.8



#81
 sec-Butylbenzene
 Concen: 20.762 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Tgt Ion:105 Resp: 225252
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0





#82

p-Isopropyltoluene

Concen: 20.915 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

ClientSampleId :

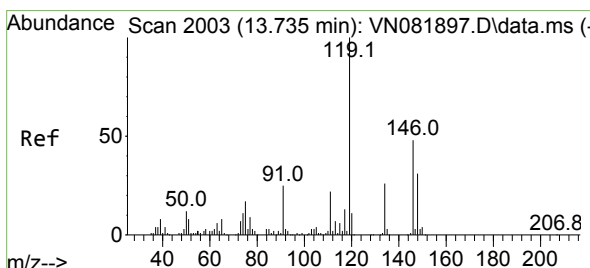
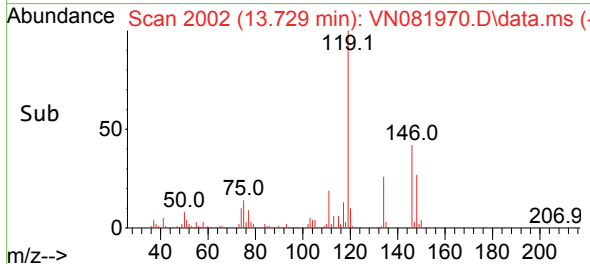
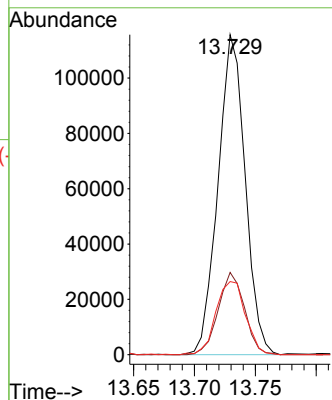
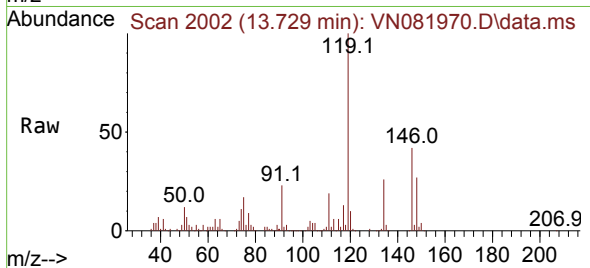
Tgt Ion:119 Resp: 179430

Ion Ratio Lower Upper

119 100

134 24.9 0.0 49.2

91 24.9 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 20.369 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

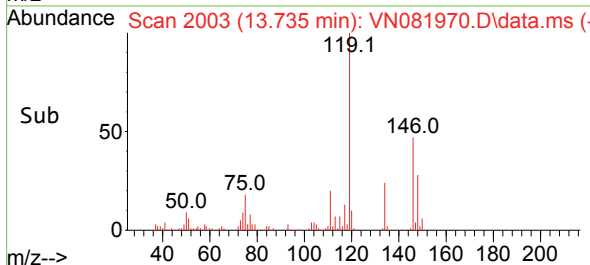
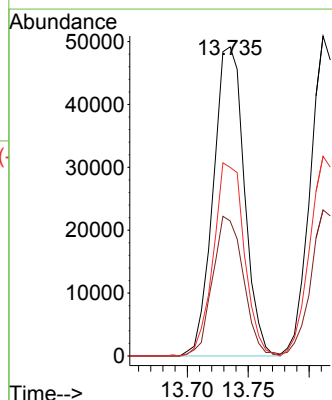
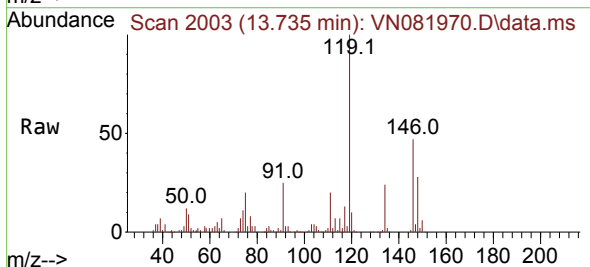
Tgt Ion:146 Resp: 87190

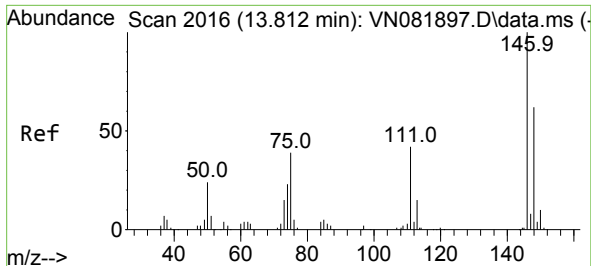
Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

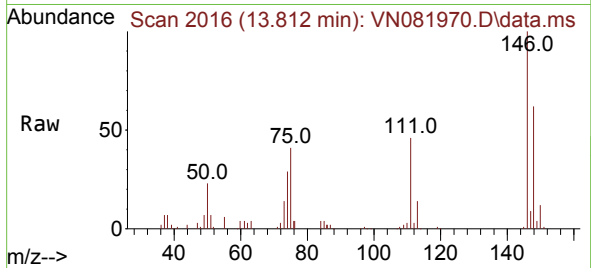
148 62.0 32.1 96.5



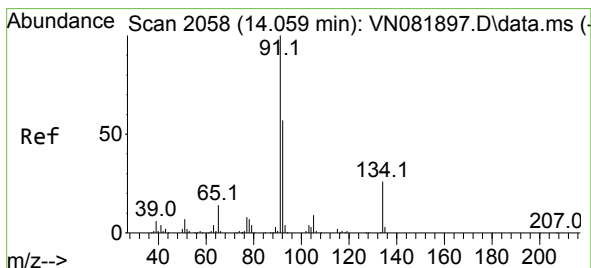
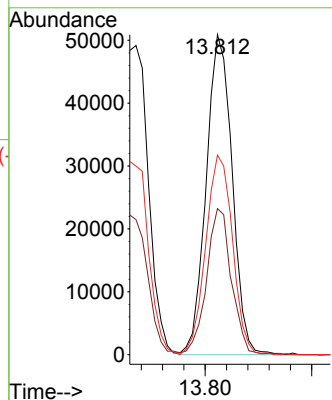
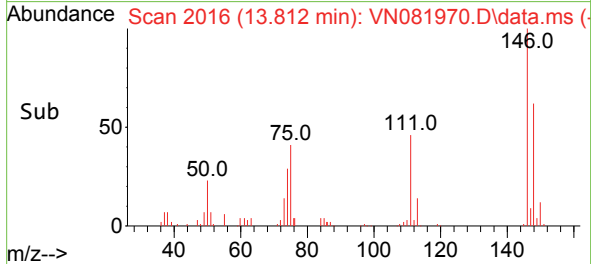


#84
1,4-Dichlorobenzene
Concen: 19.998 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

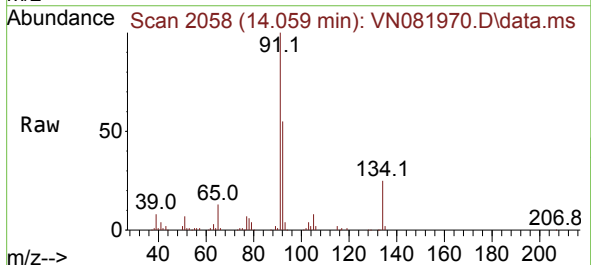
Instrument :
MSVOA_N
ClientSampleId :



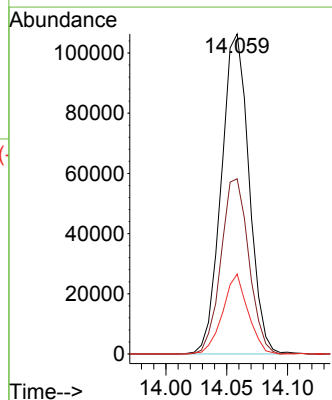
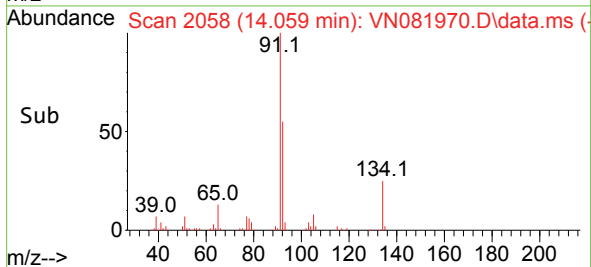
Tgt Ion:146 Resp: 86041
Ion Ratio Lower Upper
146 100
111 43.6 21.3 63.9
148 64.4 31.9 95.5

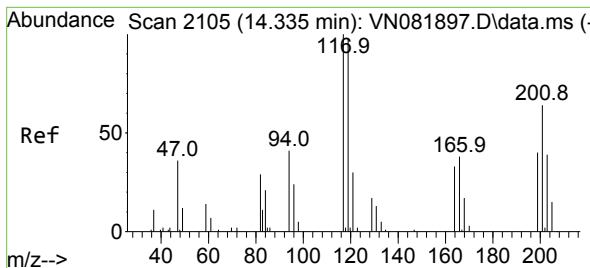


#85
n-Butylbenzene
Concen: 21.504 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01



Tgt Ion: 91 Resp: 168515
Ion Ratio Lower Upper
91 100
92 55.1 0.0 105.0
134 22.9 0.0 51.8





#86

Hexachloroethane

Concen: 19.963 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

Instrument :

MSVOA_N

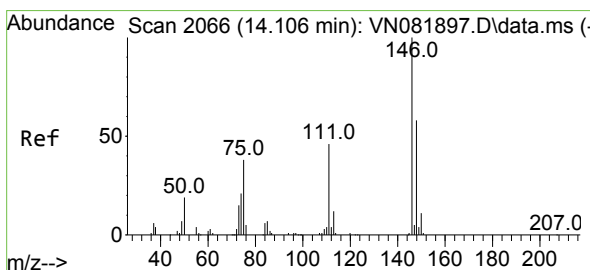
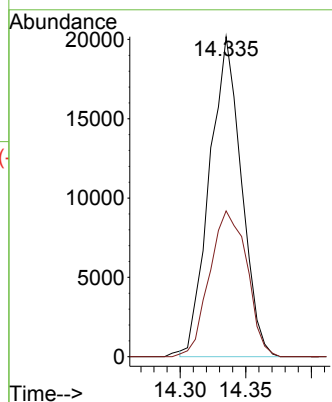
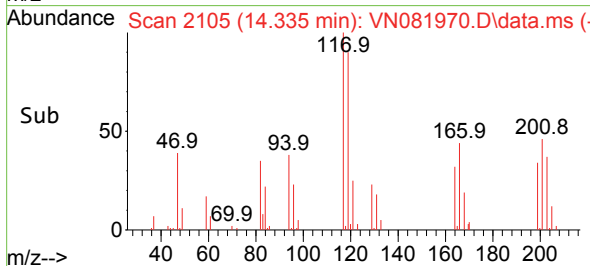
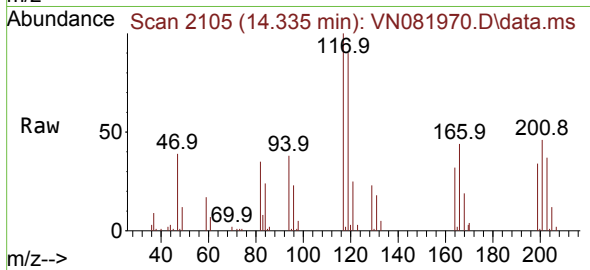
ClientSampleId :

Tgt Ion:117 Resp: 34148

Ion Ratio Lower Upper

117 100

201 53.4 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 19.611 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081970.D

Acq: 02 May 2024 10:01

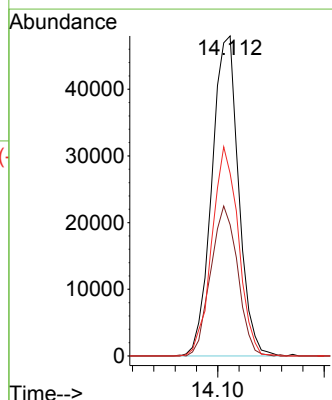
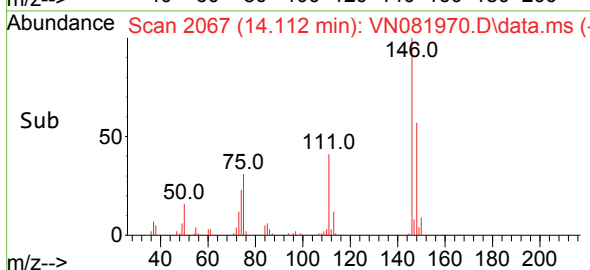
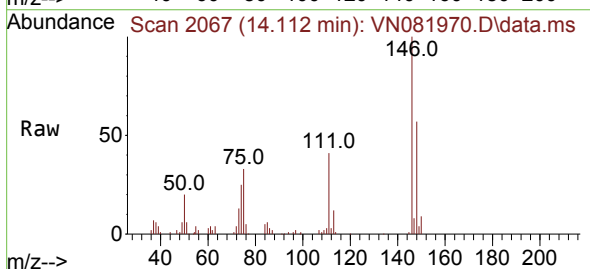
Tgt Ion:146 Resp: 83609

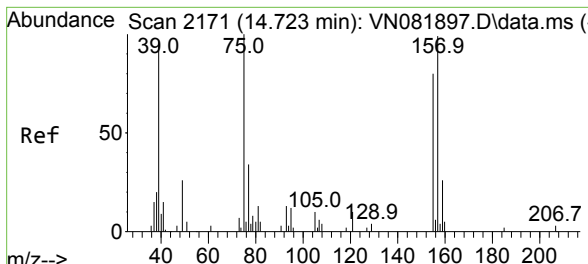
Ion Ratio Lower Upper

146 100

111 47.2 22.6 67.8

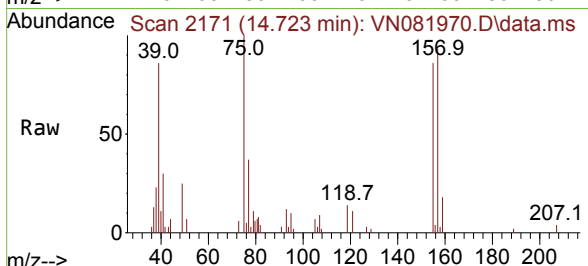
148 64.5 31.3 93.8



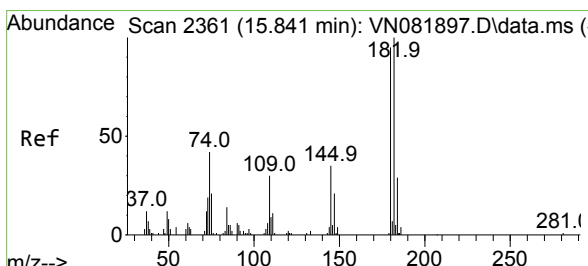
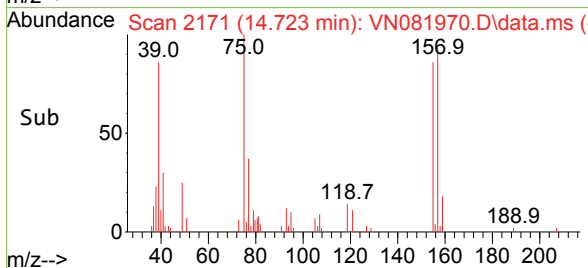
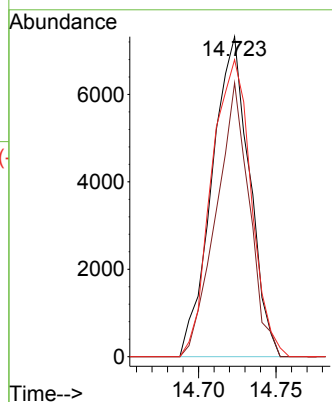


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.189 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Instrument :
 MSVOA_N
 ClientSampleId :

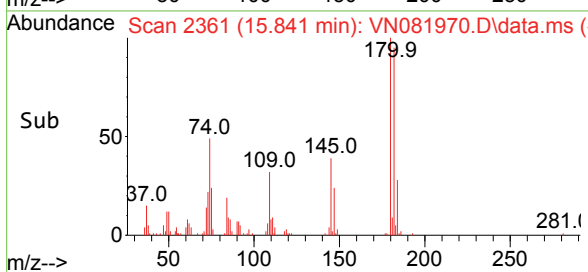
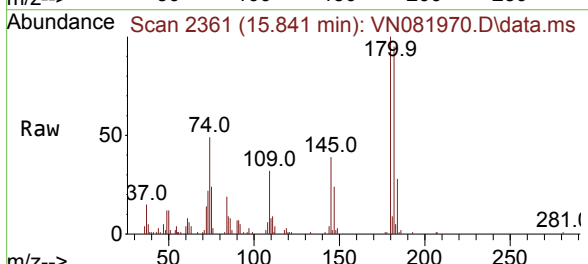
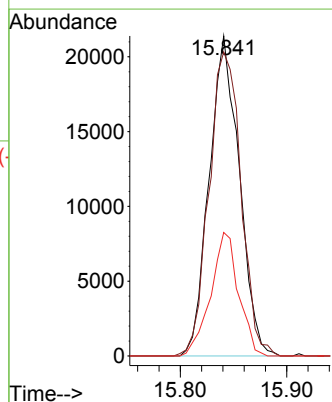


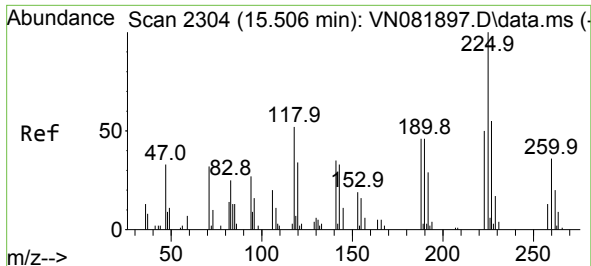
Tgt Ion: 75 Resp: 12327
 Ion Ratio Lower Upper
 75 100
 155 75.8 61.7 92.5
 157 97.7 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 17.897 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

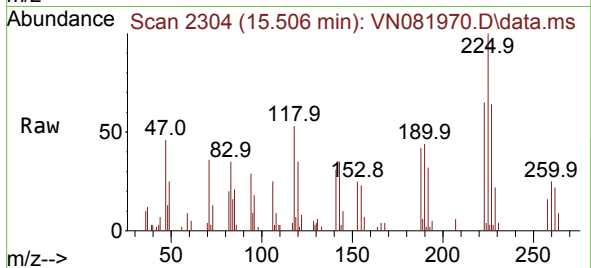
Tgt Ion: 180 Resp: 42014
 Ion Ratio Lower Upper
 180 100
 182 100.8 76.4 114.6
 145 35.7 28.4 42.6



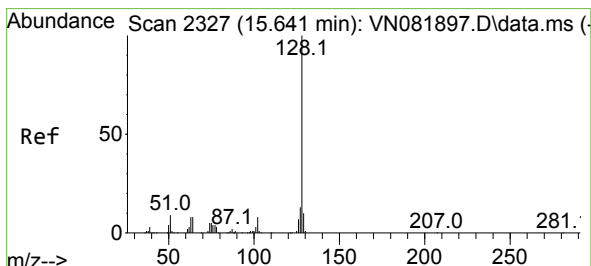
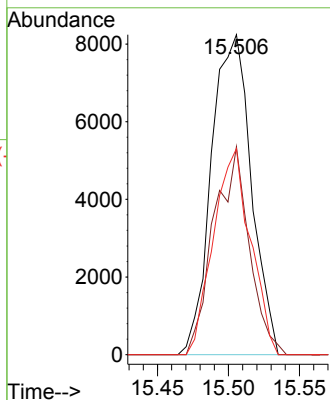
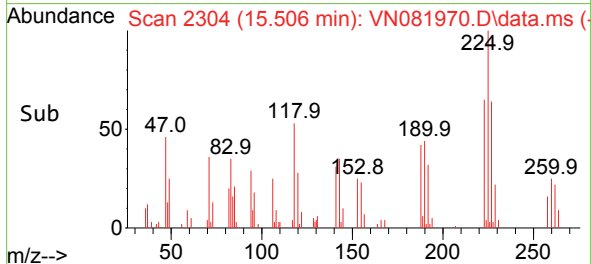


#90
Hexachlorobutadiene
Concen: 18.470 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01

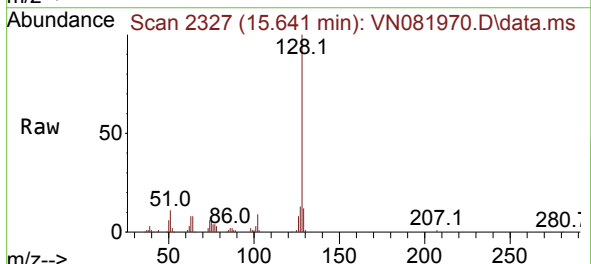
Instrument :
MSVOA_N
ClientSampleId :



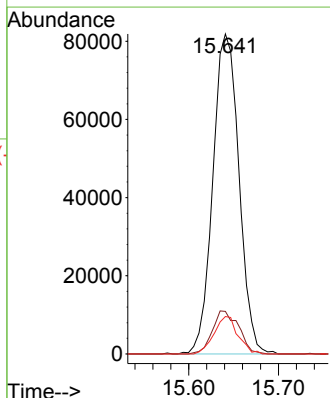
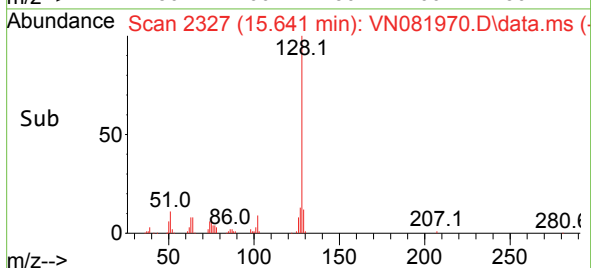
Tgt Ion:225 Resp: 16058
Ion Ratio Lower Upper
225 100
223 58.0 0.0 126.6
227 60.0 0.0 126.6

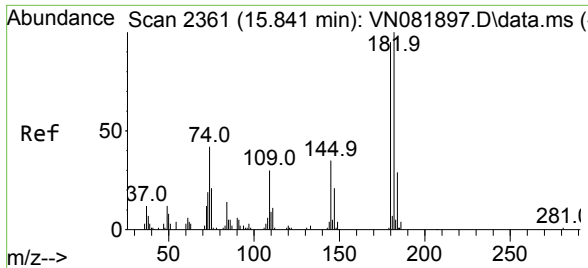


#91
Naphthalene
Concen: 18.560 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081970.D
Acq: 02 May 2024 10:01



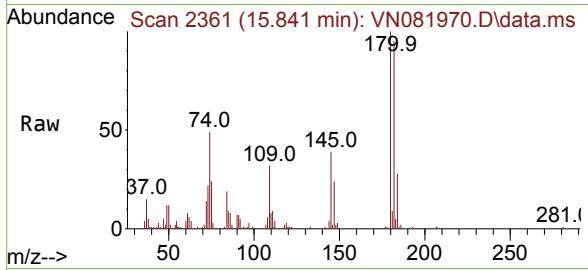
Tgt Ion:128 Resp: 165627
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.7 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 17.897 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081970.D
 Acq: 02 May 2024 10:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	42014
Ion Ratio	Lower	Upper	
180	100		
182	100.8	0.0	191.0
145	35.7	0.0	71.0

