

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081960.D
 Acq On : 01 May 2024 16:39
 Operator : JC\MD
 Sample : P2306-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:43:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139386	45.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	8.165	113	102520	45.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	10.571	98	421670	47.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.847	95	145922	41.763	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	83.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112672	43.938	ug/l	97
3) Chloromethane	2.360	50	126742	47.376	ug/l	99
4) Vinyl Chloride	2.512	62	117625	48.573	ug/l	96
5) Bromomethane	2.948	94	50142	48.517	ug/l	99
6) Chloroethane	3.118	64	68603	56.051	ug/l	98
7) Trichlorofluoromethane	3.501	101	170861	45.611	ug/l	98
8) Diethyl Ether	3.965	74	82852	52.066	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	114479	52.637	ug/l	92
10) Methyl Iodide	4.589	142	100944	52.992	ug/l	97
11) Tert butyl alcohol	5.518	59	122087	217.823	ug/l	100
12) 1,1-Dichloroethene	4.342	96	114324	51.670	ug/l	86
13) Acrolein	4.177	56	101732	232.145	ug/l	98
14) Allyl chloride	5.018	41	201671	43.091	ug/l #	90
15) Acrylonitrile	5.718	53	343740	255.404	ug/l	98
16) Acetone	4.424	43	237119	260.305	ug/l	92
17) Carbon Disulfide	4.712	76	303044	45.569	ug/l	99
18) Methyl Acetate	5.024	43	153764	49.238	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	412368	49.392	ug/l	93
20) Methylene Chloride	5.271	84	130546	49.408	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	115869	48.030	ug/l	90
22) Diisopropyl ether	6.677	45	462125	51.028	ug/l #	91
23) Vinyl Acetate	6.600	43	1803704	245.121	ug/l	94
24) 1,1-Dichloroethane	6.571	63	245744	52.134	ug/l	96
25) 2-Butanone	7.483	43	432081	246.916	ug/l	89
26) 2,2-Dichloropropane	7.489	77	185706	42.827	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	148934	52.832	ug/l	88
28) Bromochloromethane	7.812	49	109052	48.677	ug/l #	79
29) Tetrahydrofuran	7.836	42	302858	241.344	ug/l	91
30) Chloroform	7.965	83	231832	49.618	ug/l	97
31) Cyclohexane	8.259	56	219459	47.250	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	187594	45.022	ug/l	92
36) 1,1-Dichloropropene	8.377	75	167967	45.875	ug/l	96
37) Ethyl Acetate	7.559	43	180244	45.531	ug/l	98
38) Carbon Tetrachloride	8.365	117	148105	41.388	ug/l	97
39) Methylcyclohexane	9.606	83	203913	45.857	ug/l	95
40) Benzene	8.606	78	541449	49.262	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	107639	42.613	ug/l	91
42) 1,2-Dichloroethane	8.671	62	172515	42.268	ug/l	98
43) Isopropyl Acetate	8.688	43	350049	47.027	ug/l	92
44) Trichloroethene	9.353	130	163415	64.486	ug/l	85
45) 1,2-Dichloropropane	9.618	63	138899	48.287	ug/l	100
46) Dibromomethane	9.712	93	89131	44.830	ug/l	92
47) Bromodichloromethane	9.888	83	185149	44.157	ug/l #	94
48) Methyl methacrylate	9.683	41	152921	43.035	ug/l	90
49) 1,4-Dioxane	9.694	88	49500	916.511	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	983263	234.651	ug/l	95
52) Toluene	10.635	92	328711	49.939	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	202649	44.417	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	215271	45.781	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	125269	48.391	ug/l	98
56) Ethyl methacrylate	10.877	69	227367	46.126	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	223145	48.485	ug/l	100
59) 2-Hexanone	11.194	43	734494	235.532	ug/l	96
60) Dibromochloromethane	11.365	129	129976	47.405	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118198	47.746	ug/l	99
64) Tetrachloroethene	11.106	164	97108	41.535	ug/l	93
65) Chlorobenzene	11.894	112	345068	49.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	109590	47.968	ug/l	97
67) Ethyl Benzene	11.965	91	619188	47.362	ug/l	99
68) m/p-Xylenes	12.071	106	457295	98.064	ug/l	96
69) o-Xylene	12.400	106	230593	50.650	ug/l	96
70) Styrene	12.412	104	383364	48.676	ug/l	96
71) Bromoform	12.582	173	76218	42.435	ug/l #	98
73) Isopropylbenzene	12.700	105	577229	48.046	ug/l	99
74) N-amyl acetate	12.494	43	306951	45.890	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	173738	48.155	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	243748	69.571	ug/l	63
77) Bromobenzene	12.982	156	118435	47.108	ug/l	71
78) n-propylbenzene	13.035	91	693876	47.547	ug/l	97
79) 2-Chlorotoluene	13.129	91	418658	45.091	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	468501	46.083	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	73560	43.023	ug/l	97
82) 4-Chlorotoluene	13.224	91	408922	45.364	ug/l	95
83) tert-Butylbenzene	13.441	119	394040	46.542	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	460773	45.384	ug/l	98
85) sec-Butylbenzene	13.618	105	579493	48.592	ug/l	97
86) p-Isopropyltoluene	13.729	119	441807	46.139	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	220916	47.093	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	228250	49.410	ug/l	97
89) n-Butylbenzene	14.059	91	420133	47.137	ug/l	97
90) Hexachloroethane	14.335	117	87453	46.427	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	224199	49.855	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33335	37.951	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	110828	44.051	ug/l	97
94) Hexachlorobutadiene	15.500	225	39232	42.307	ug/l	99
95) Naphthalene	15.641	128	443553	46.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115586	47.851	ug/l	99

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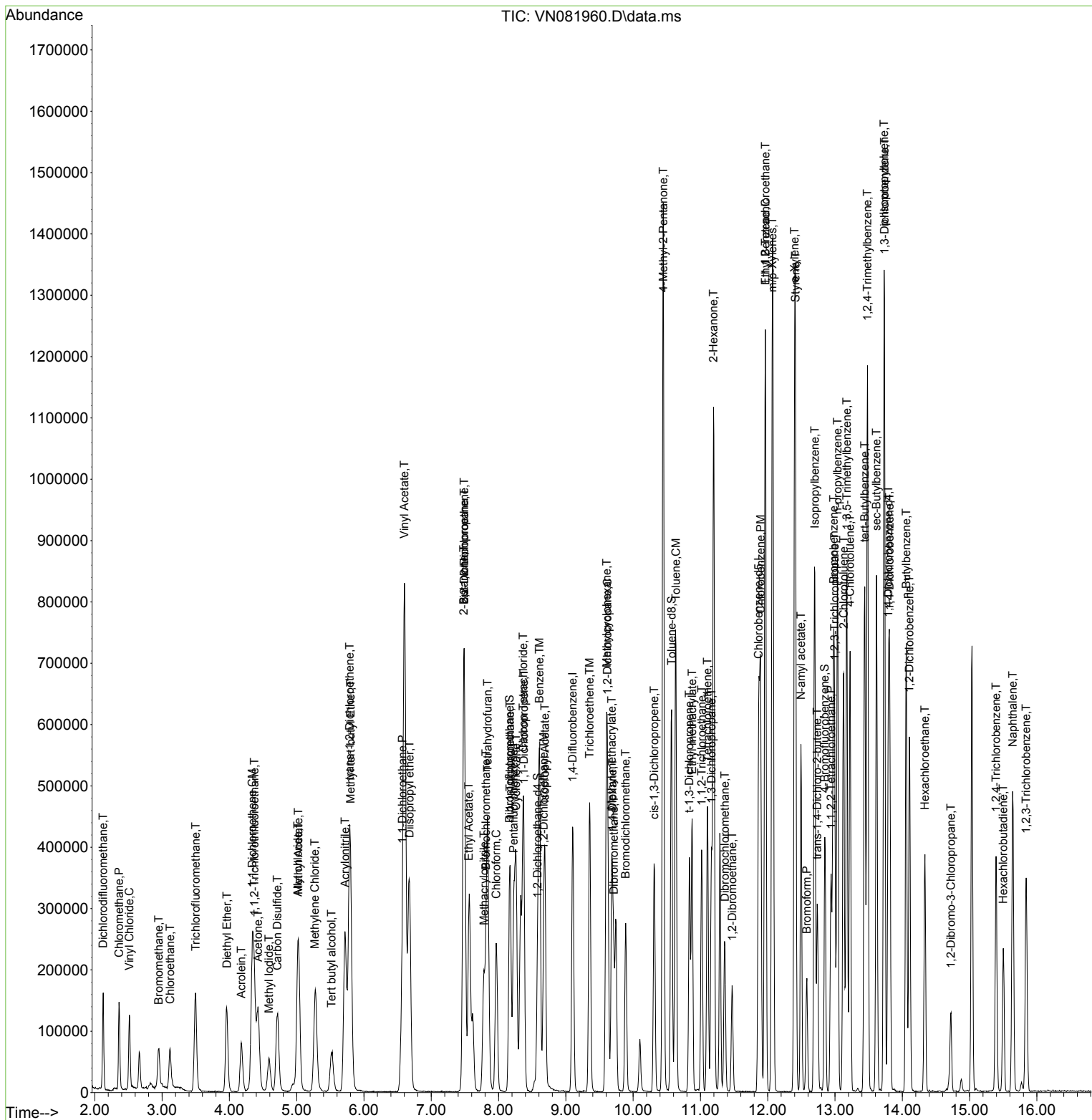
Instrument :
MSVOA_N
ClientSampleId :

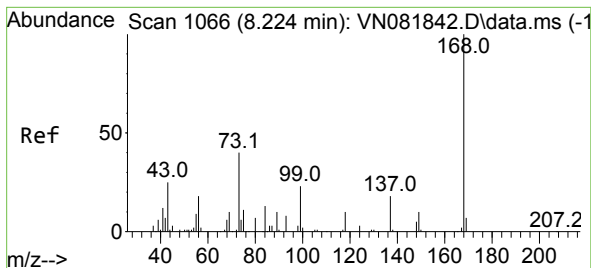
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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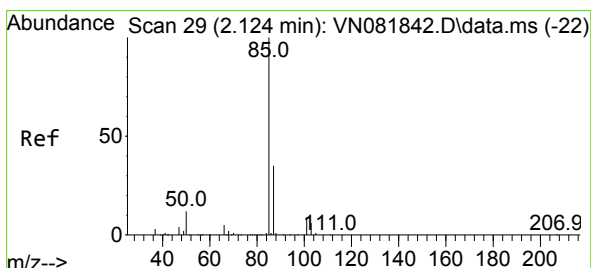
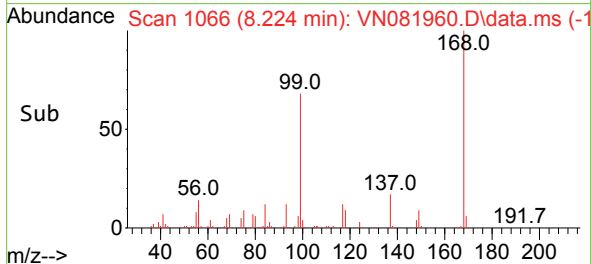
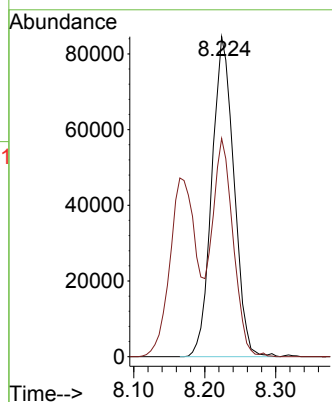
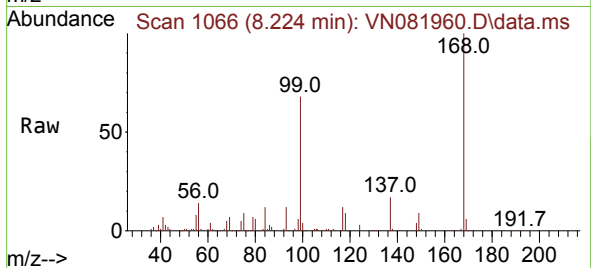
ClientSampleId :

Tgt Ion:168 Resp: 182679

Ion Ratio Lower Upper

168 100

99 68.2 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 43.938 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081960.D

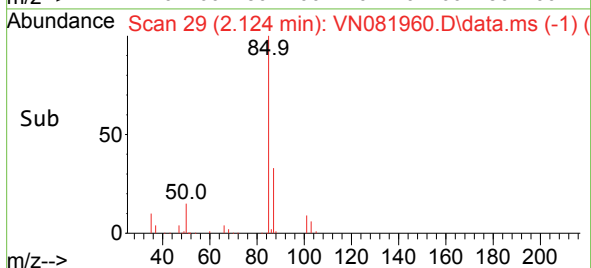
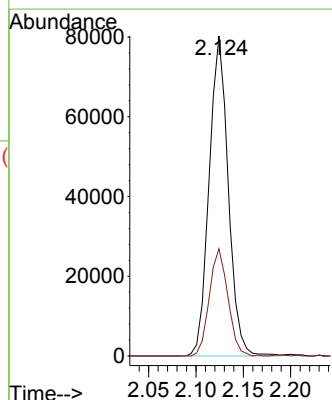
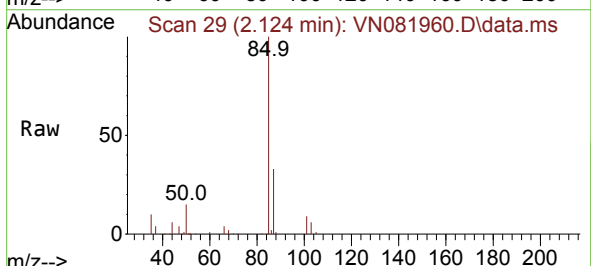
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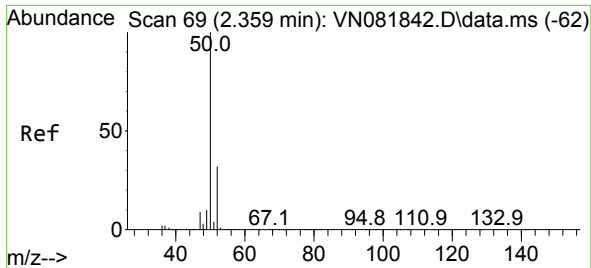
Tgt Ion: 85 Resp: 112672

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4

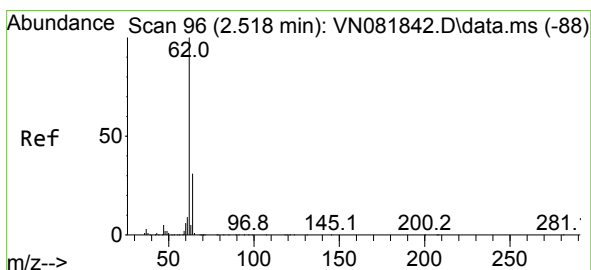
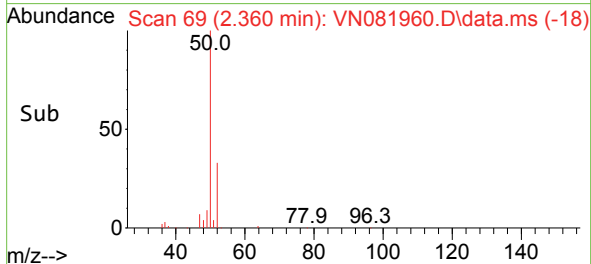
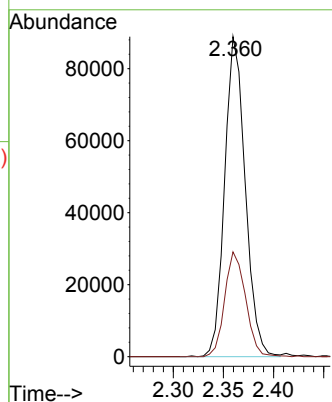
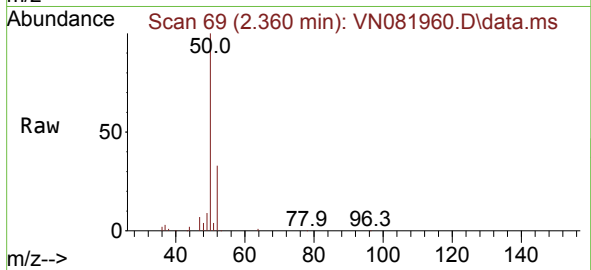




#3
Chloromethane
Concen: 47.376 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
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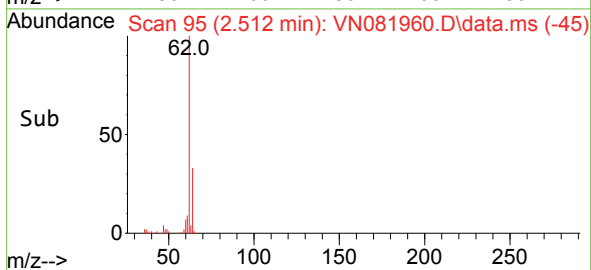
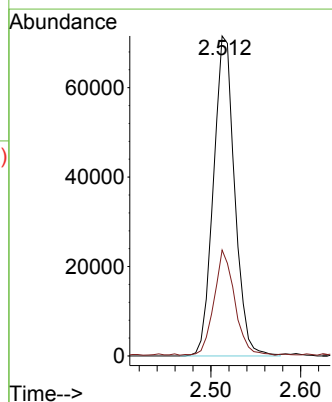
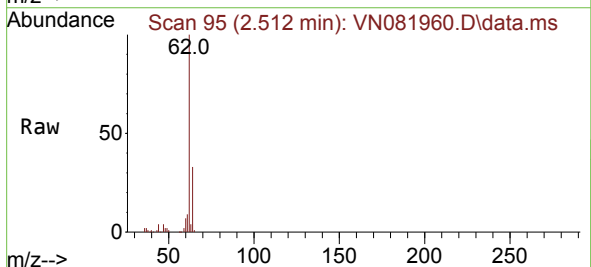
Instrument :
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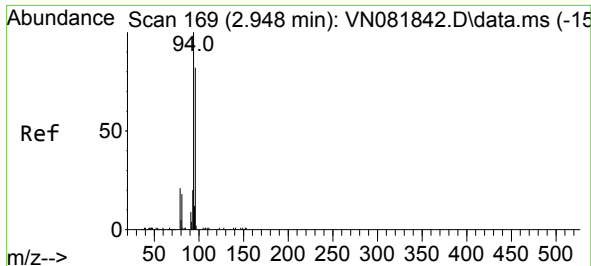
Tgt Ion: 50 Resp: 126742
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 48.573 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081960.D
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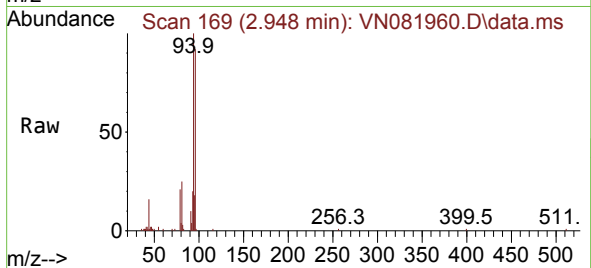
Tgt Ion: 62 Resp: 117625
Ion Ratio Lower Upper
62 100
64 32.8 24.6 37.0



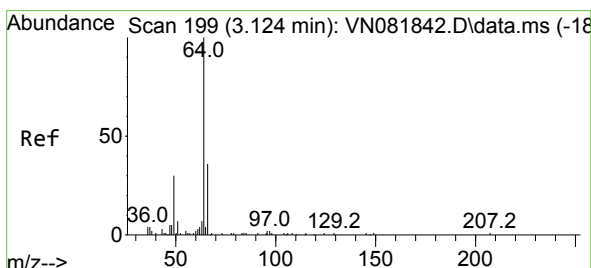
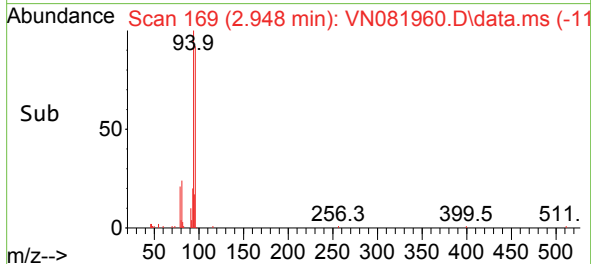
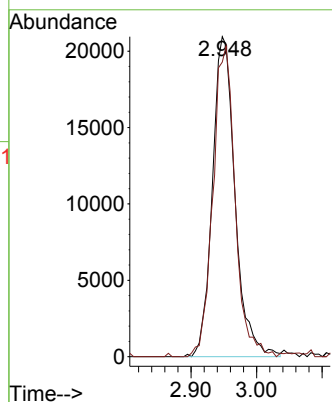


#5
Bromomethane
Concen: 48.517 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081960.D
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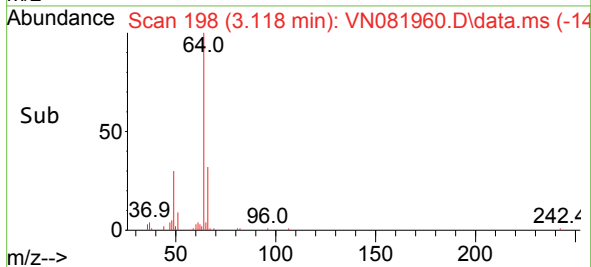
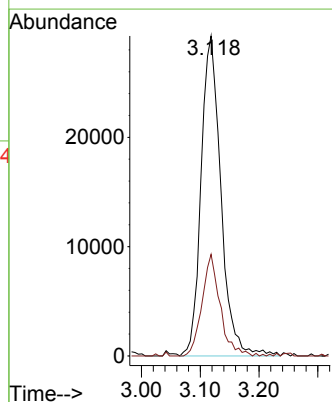
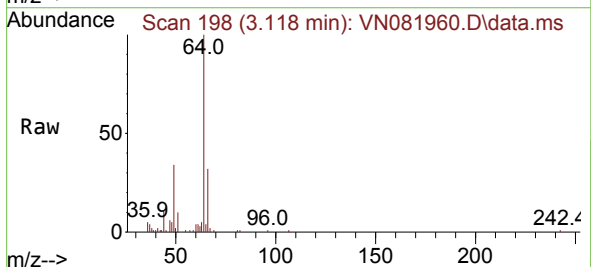


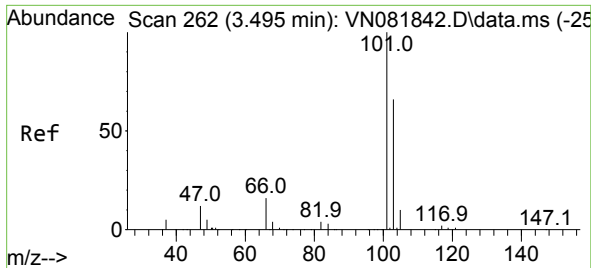
Tgt Ion: 94 Resp: 50142
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2



#6
Chloroethane
Concen: 56.051 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 64 Resp: 68603
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1

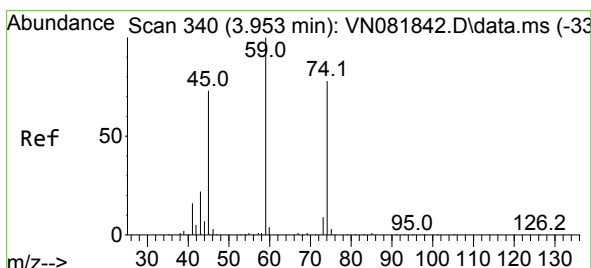
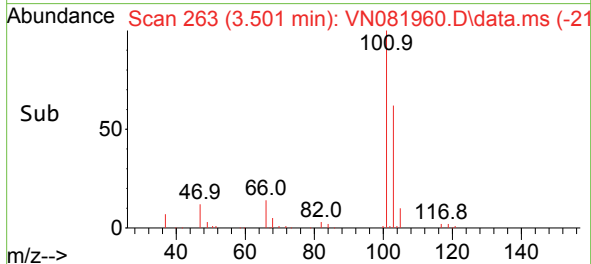
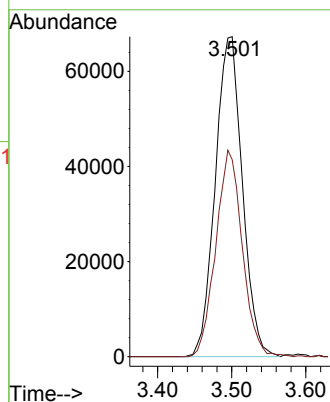
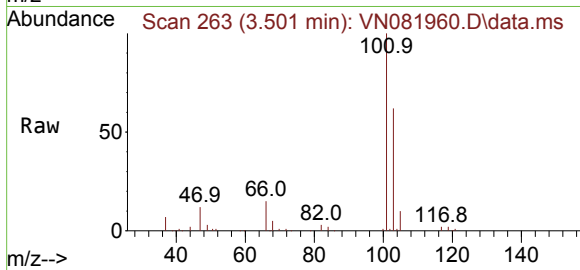




#7
 Trichlorofluoromethane
 Concen: 45.611 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

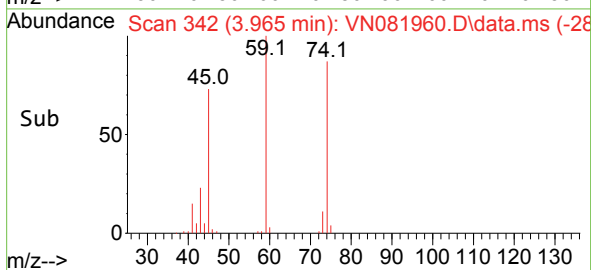
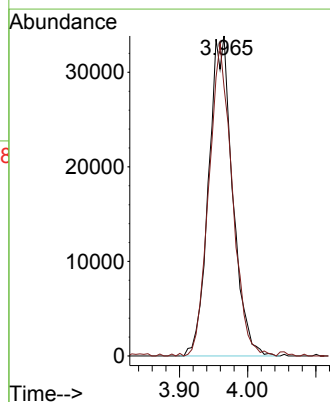
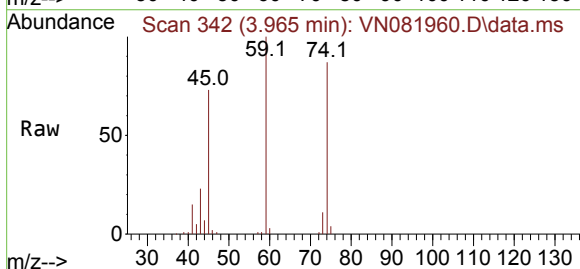
Instrument :
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 ClientSampleId :

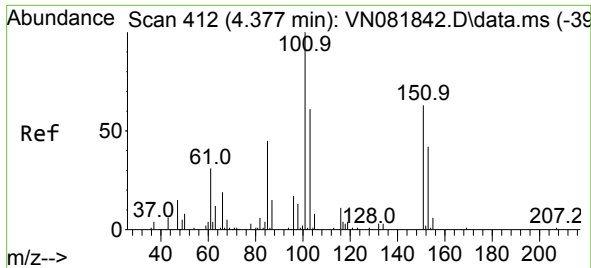
Tgt Ion:101 Resp: 170861
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 52.066 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 82852
 Ion Ratio Lower Upper
 74 100
 45 95.2 42.4 127.3

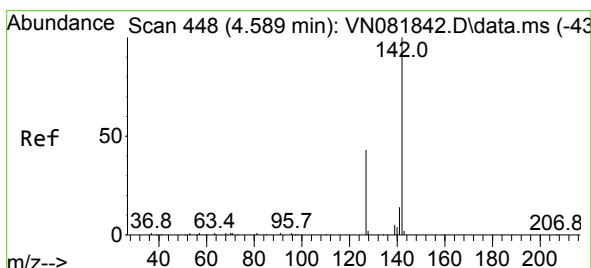
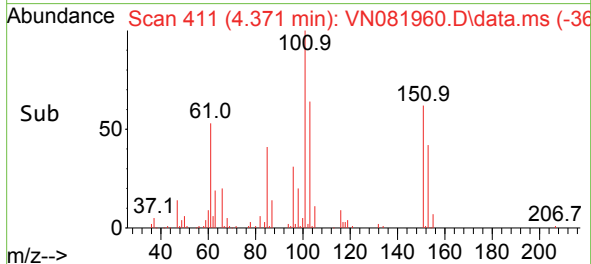
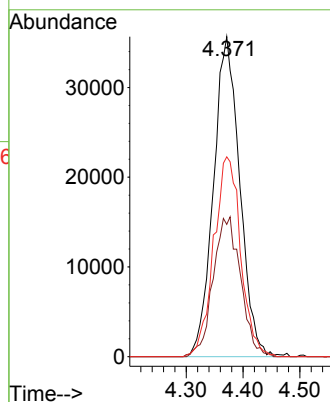
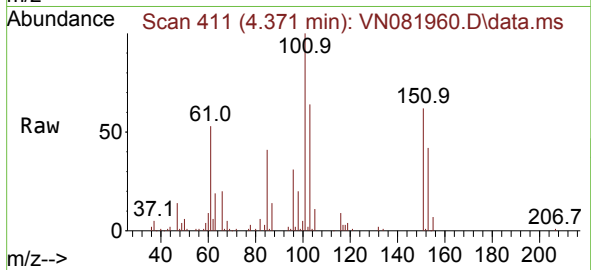




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.637 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

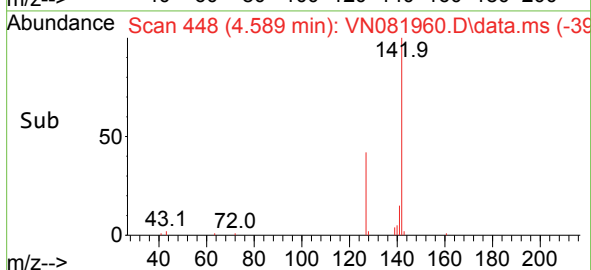
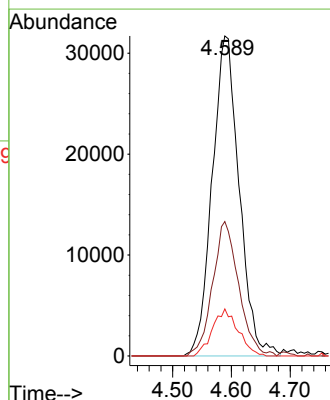
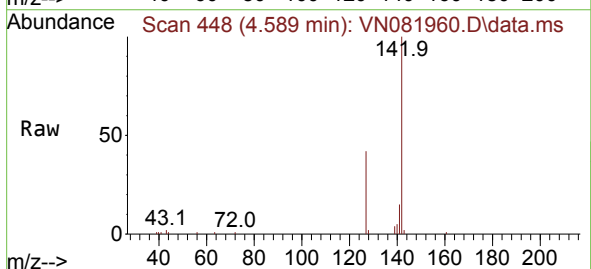
Instrument :
MSVOA_N
ClientSampleId :

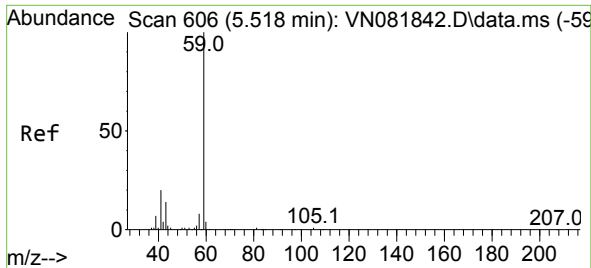
Tgt Ion:101 Resp: 114479
Ion Ratio Lower Upper
101 100
85 45.7 37.3 55.9
151 63.9 59.2 88.8



#10
Methyl Iodide
Concen: 52.992 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion:142 Resp: 100944
Ion Ratio Lower Upper
142 100
127 42.0 35.8 53.6
141 14.7 11.4 17.2

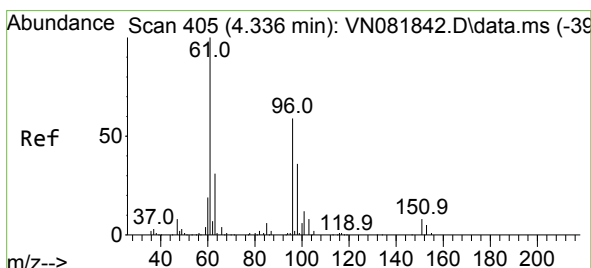
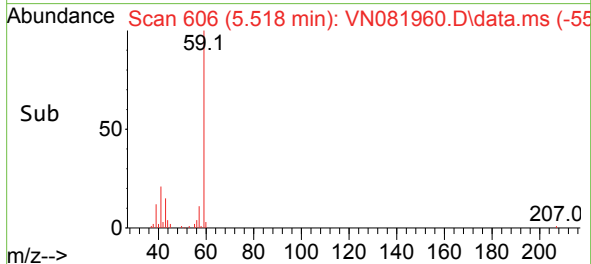
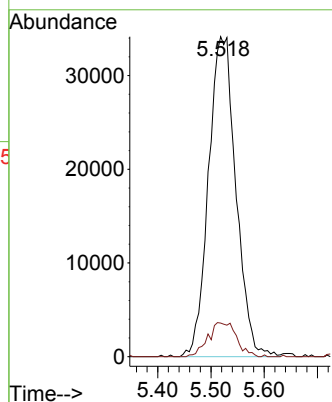
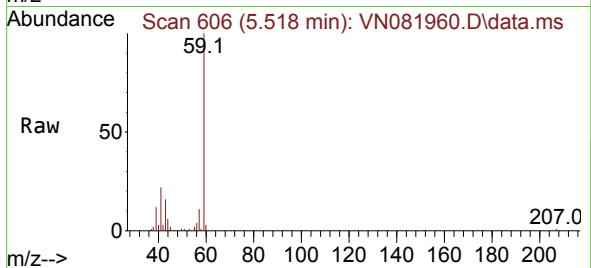




#11
Tert butyl alcohol
Concen: 217.823 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

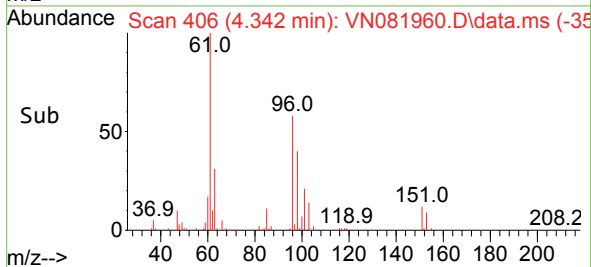
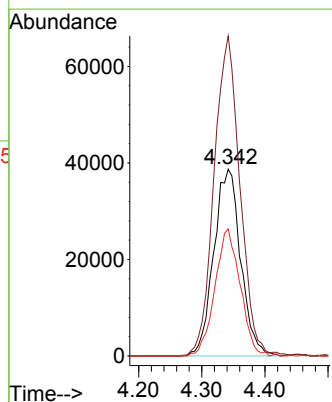
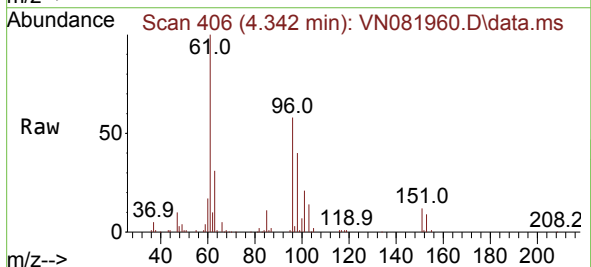
Instrument :
MSVOA_N
ClientSampleId :

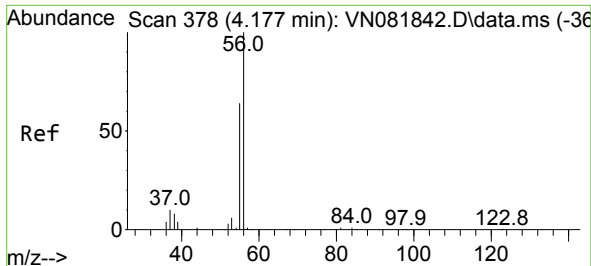
Tgt Ion: 59 Resp: 122087
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 51.670 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 96 Resp: 114324
Ion Ratio Lower Upper
96 100
61 171.4 119.7 179.5
98 68.0 49.6 74.4





#13

Acrolein

Concen: 232.145 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

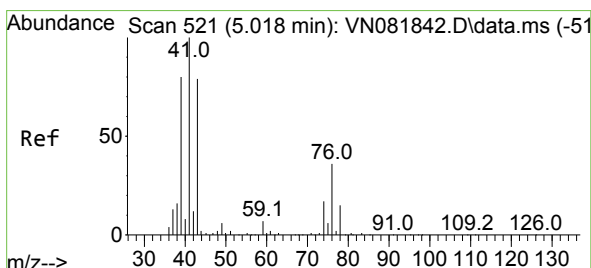
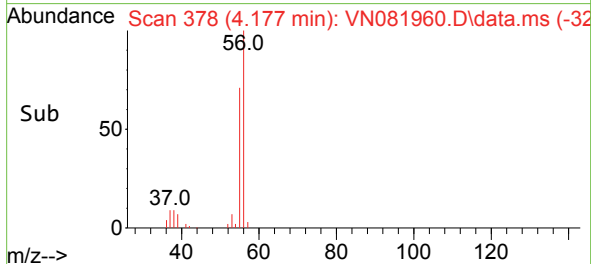
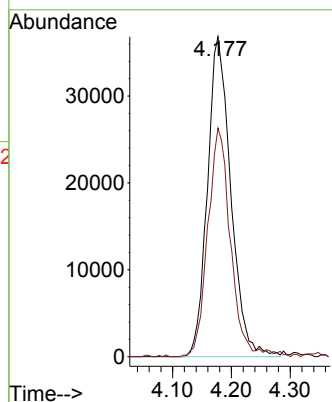
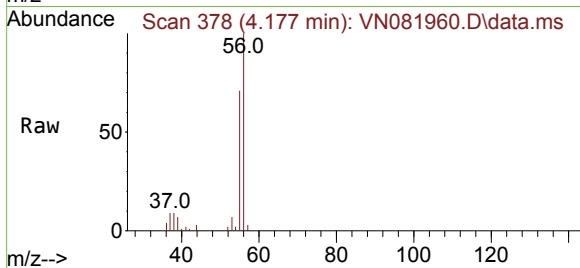
ClientSampleId :

Tgt Ion: 56 Resp: 101732

Ion Ratio Lower Upper

56 100

55 68.0 55.8 83.8



#14

Allyl chloride

Concen: 43.091 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

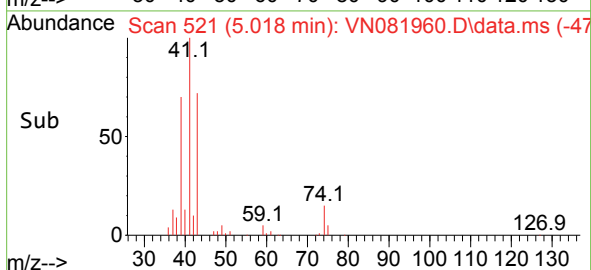
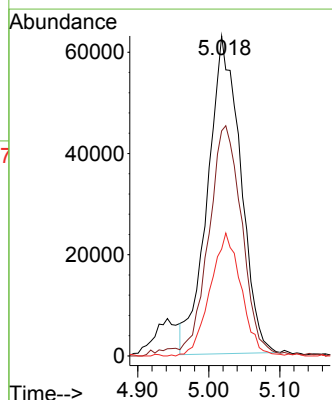
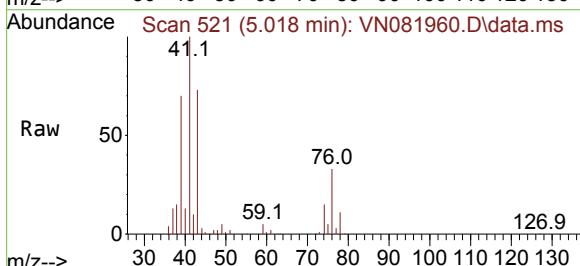
Tgt Ion: 41 Resp: 201671

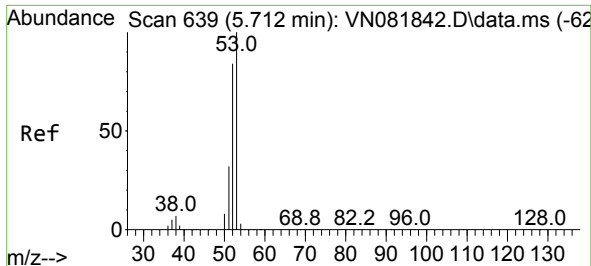
Ion Ratio Lower Upper

41 100

39 75.0 65.4 98.0

76 36.5 37.3 55.9#

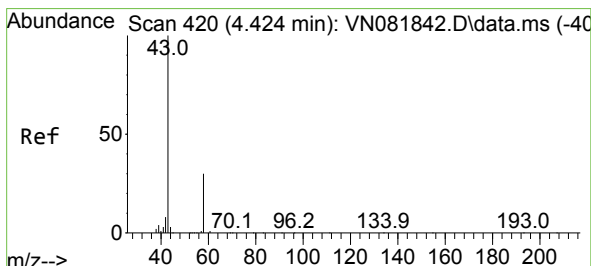
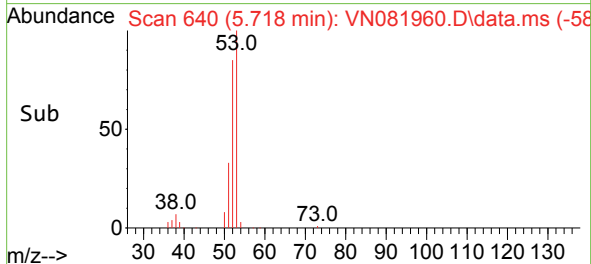
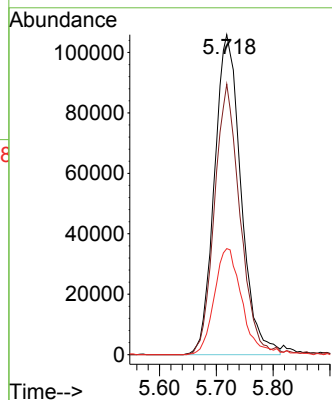
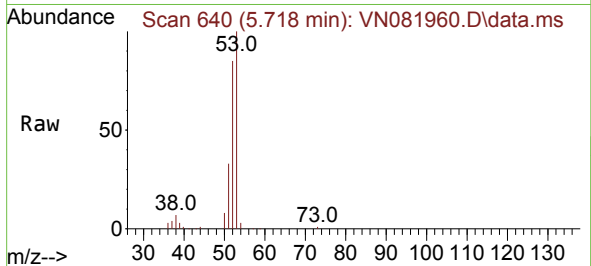




#15
Acrylonitrile
Concen: 255.404 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

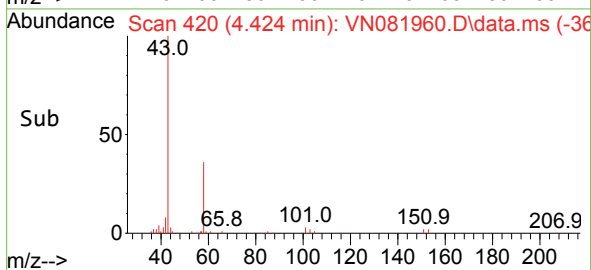
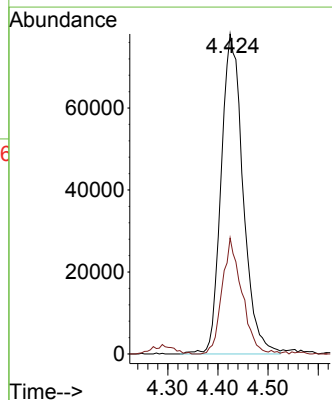
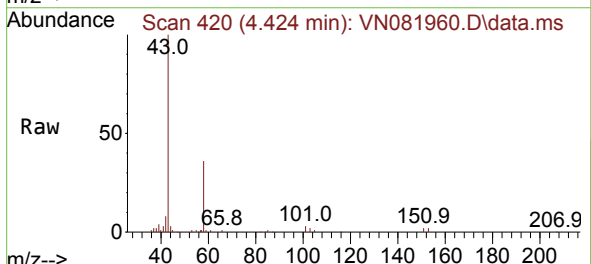
Instrument :
MSVOA_N
ClientSampleId :

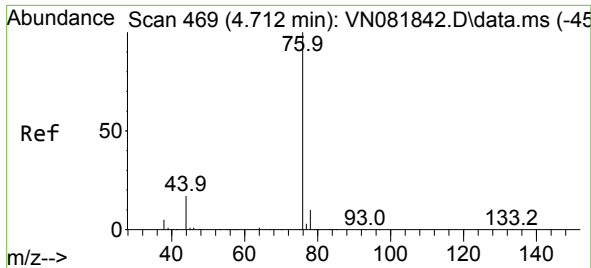
Tgt Ion: 53 Resp: 343740
Ion Ratio Lower Upper
53 100
52 81.3 66.1 99.1
51 34.4 29.4 44.2



#16
Acetone
Concen: 260.305 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 43 Resp: 237119
Ion Ratio Lower Upper
43 100
58 36.0 25.2 37.8

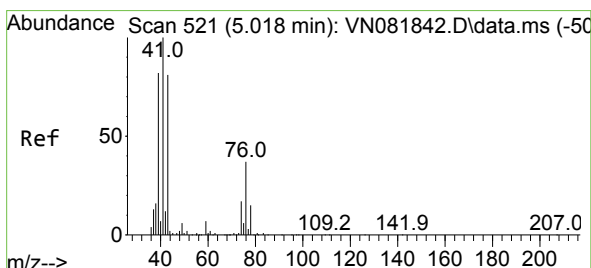
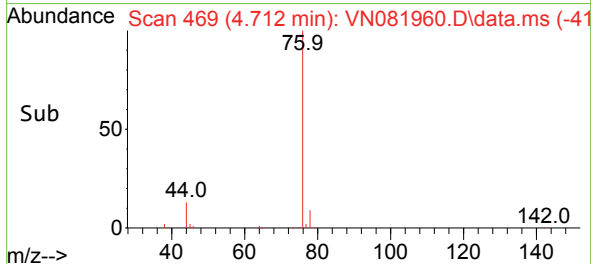
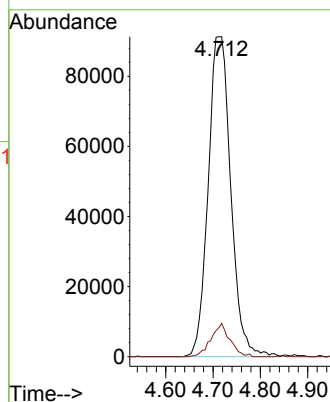
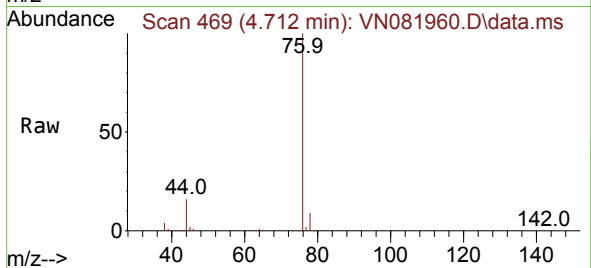




#17
Carbon Disulfide
Concen: 45.569 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

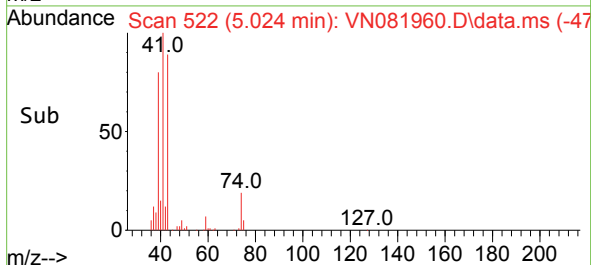
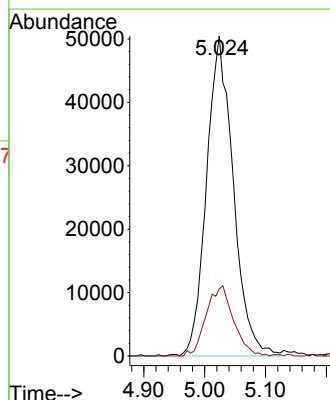
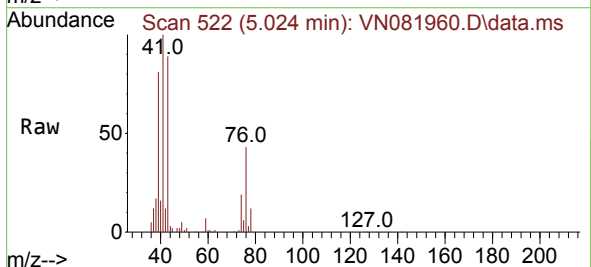
Instrument :
MSVOA_N
ClientSampleId :

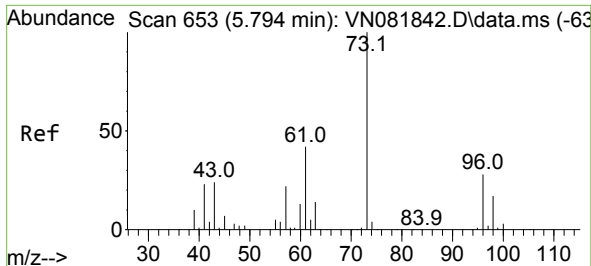
Tgt Ion: 76 Resp: 303044
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 49.238 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 43 Resp: 153764
Ion Ratio Lower Upper
43 100
74 22.4 22.2 33.2

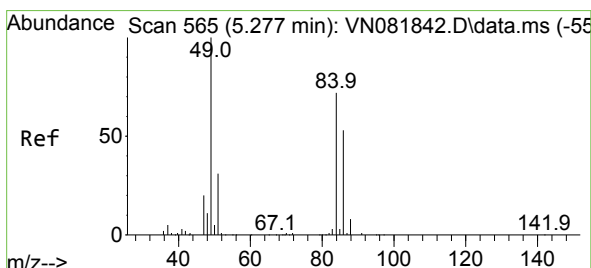
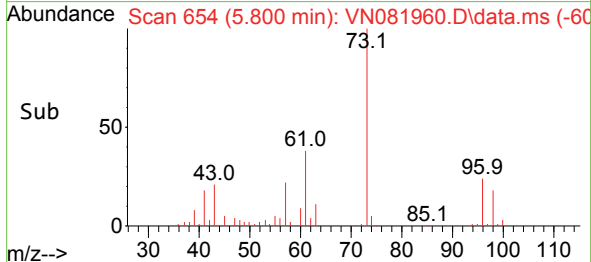
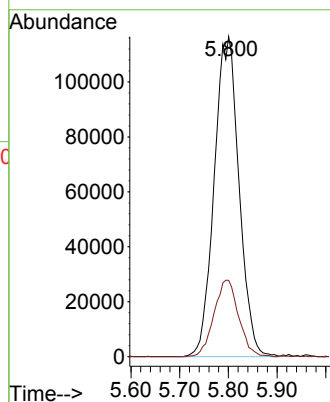
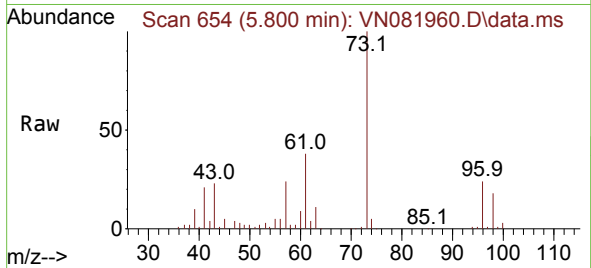




#19
Methyl tert-butyl Ether
Concen: 49.392 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

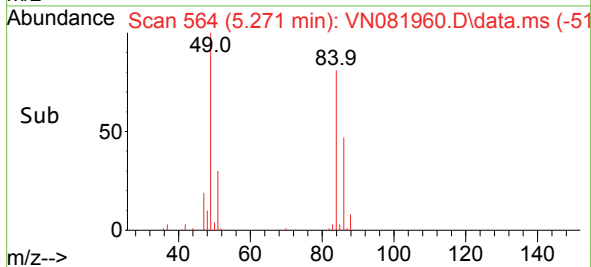
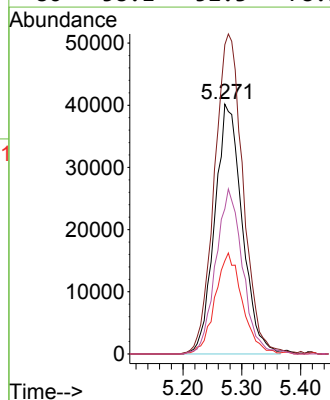
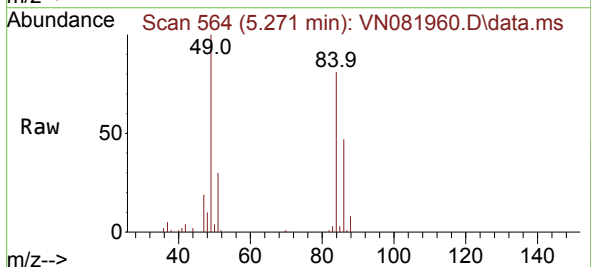
Instrument :
MSVOA_N
ClientSampleId :

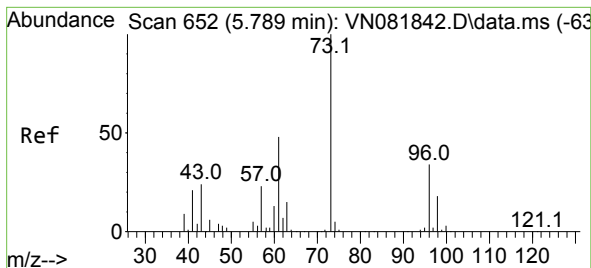
Tgt Ion: 73 Resp: 412368
Ion Ratio Lower Upper
73 100
57 23.9 16.5 24.7



#20
Methylene Chloride
Concen: 49.408 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 84 Resp: 130546
Ion Ratio Lower Upper
84 100
49 123.9 84.9 127.3
51 37.3 27.0 40.6
86 58.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.030 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

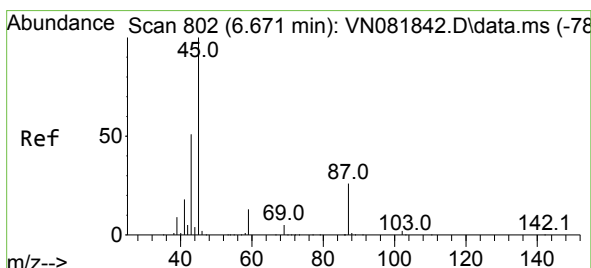
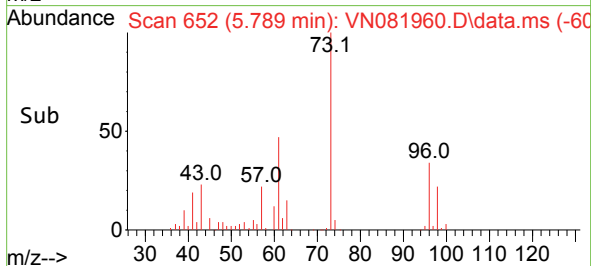
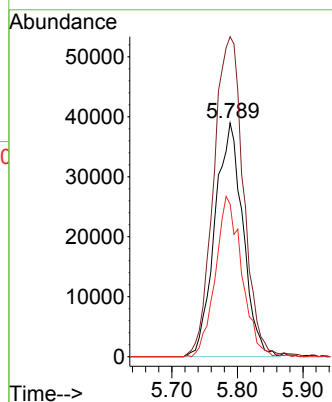
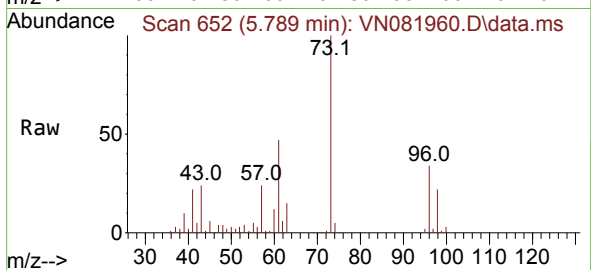
Tgt Ion: 96 Resp: 115869

Ion Ratio Lower Upper

96 100

61 136.8 96.5 144.7

98 65.3 51.3 76.9



#22

Diisopropyl ether

Concen: 51.028 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Tgt Ion: 45 Resp: 462125

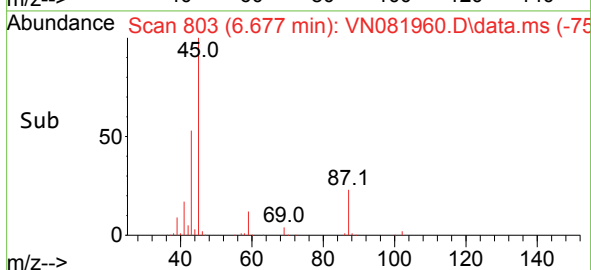
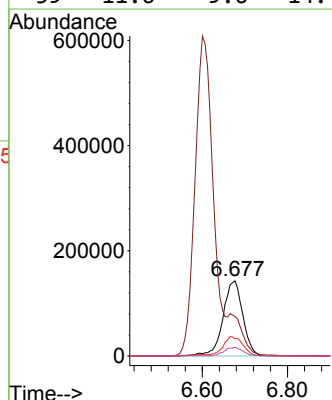
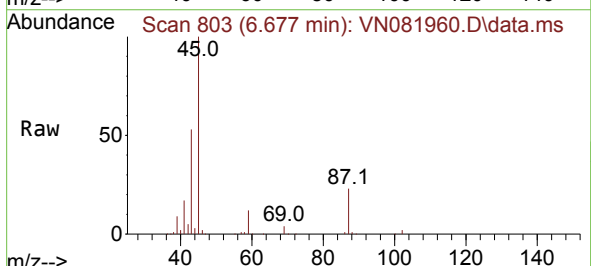
Ion Ratio Lower Upper

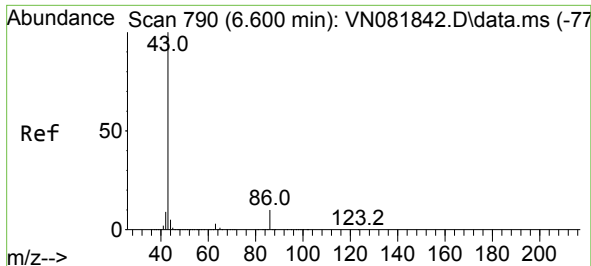
45 100

43 52.1 44.1 66.1

87 22.9 27.0 40.6#

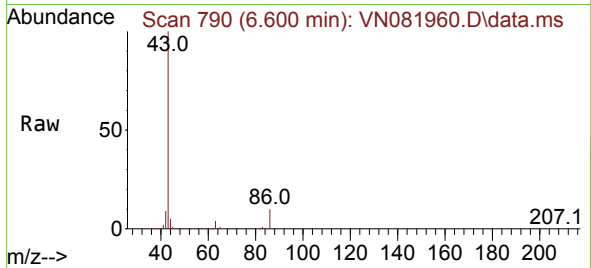
59 11.6 9.6 14.4



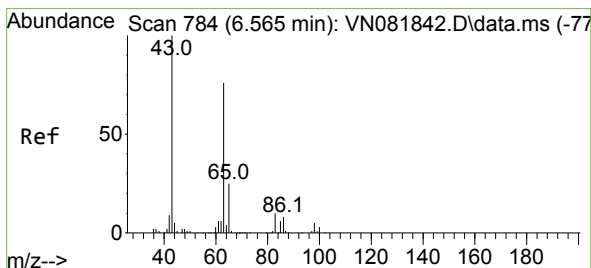
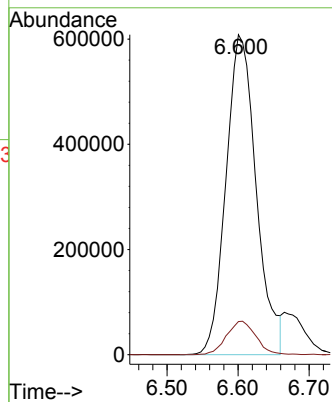
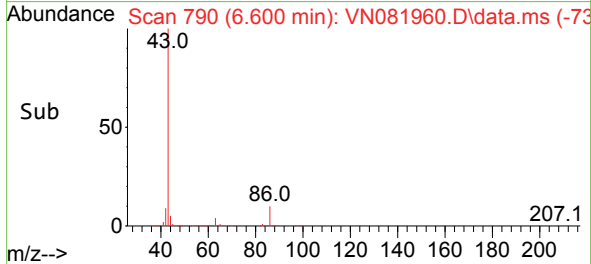


#23
 Vinyl Acetate
 Concen: 245.121 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

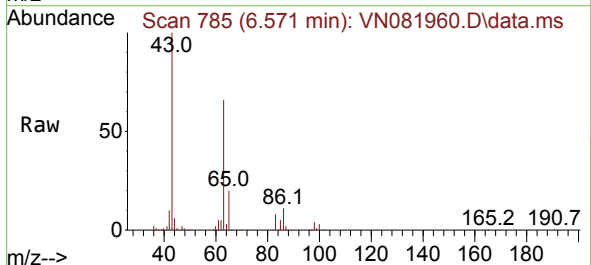
Instrument :
 MSVOA_N
 ClientSampleId :



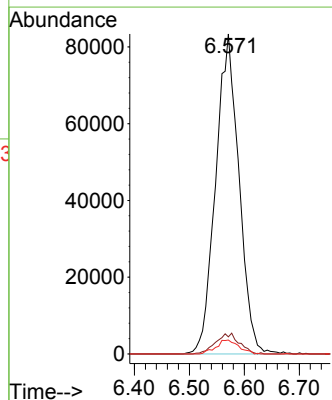
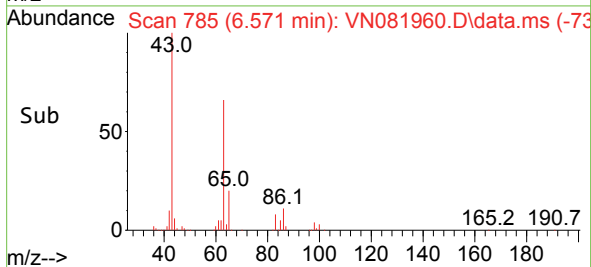
Tgt Ion: 43 Resp: 1803704
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.2 15.4

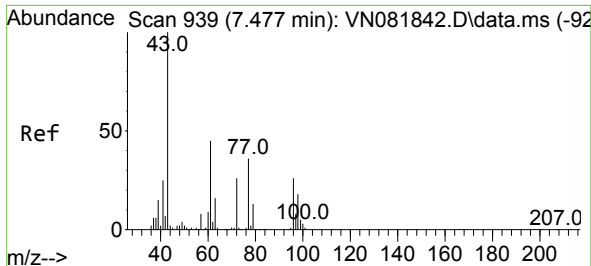


#24
 1,1-Dichloroethane
 Concen: 52.134 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39



Tgt Ion: 63 Resp: 245744
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.6 10.9
 100 4.4 2.6 7.8

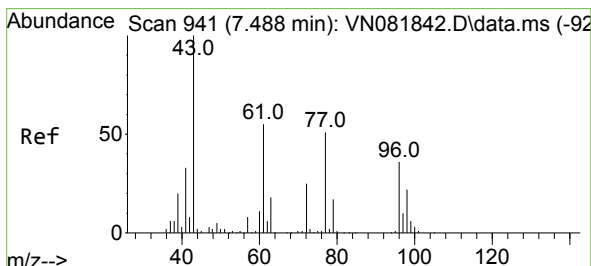
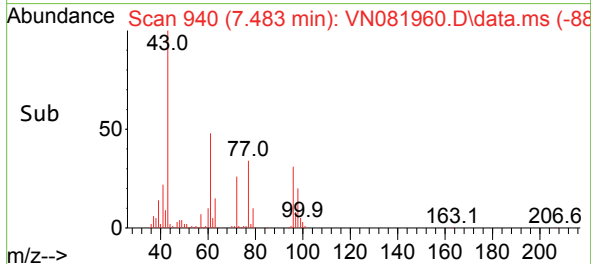
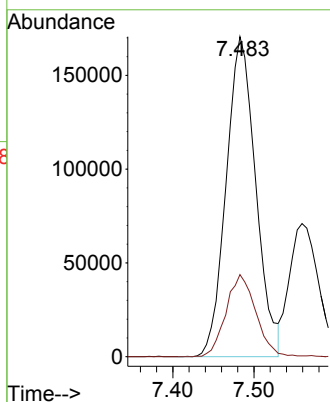
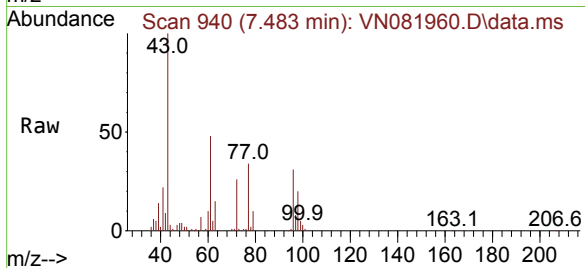




#25
2-Butanone
Concen: 246.916 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

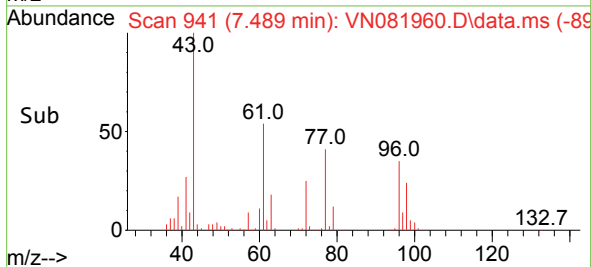
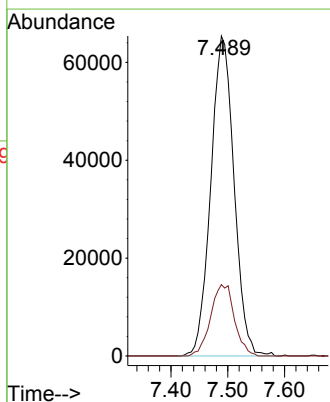
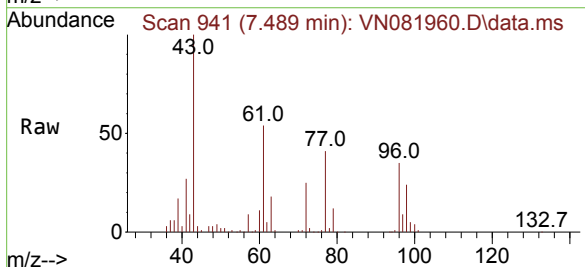
Instrument :
MSVOA_N
ClientSampleId :

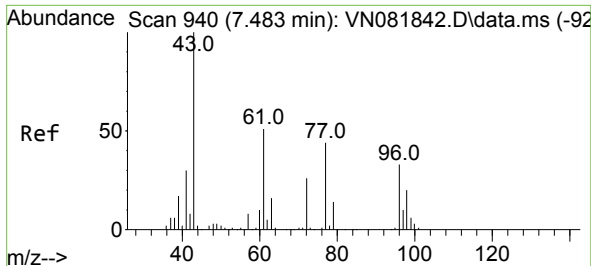
Tgt Ion: 43 Resp: 432081
Ion Ratio Lower Upper
43 100
72 25.7 25.3 37.9



#26
2,2-Dichloropropane
Concen: 42.827 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 77 Resp: 185706
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9

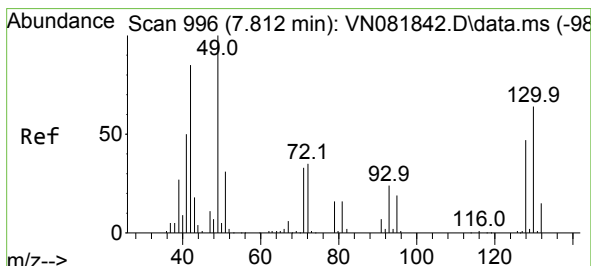
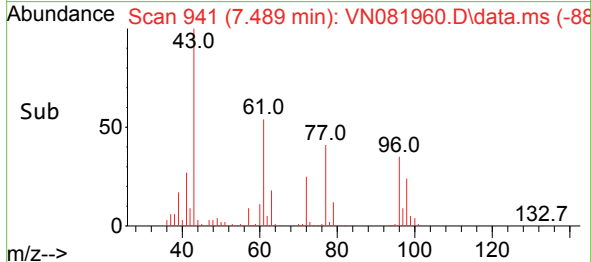
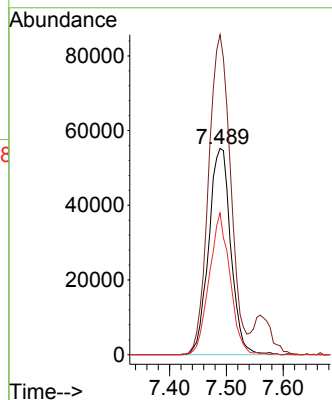
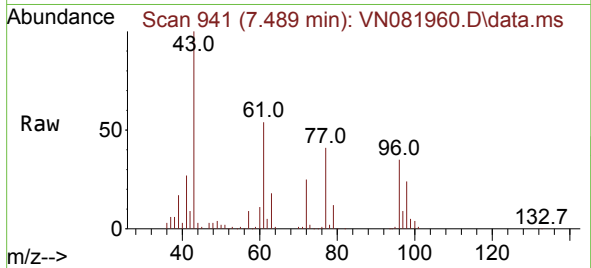




#27
 cis-1,2-Dichloroethene
 Concen: 52.832 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

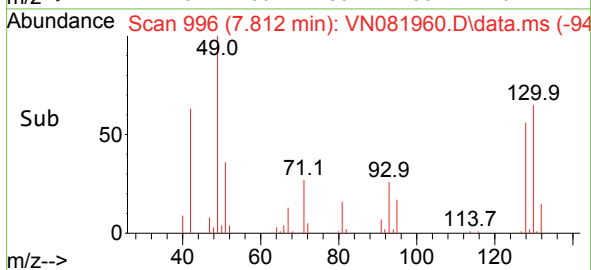
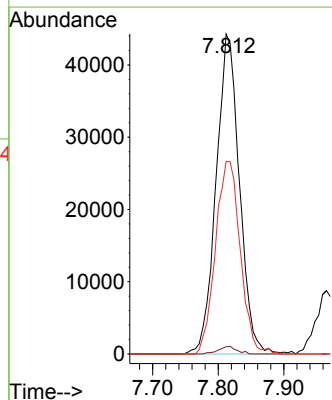
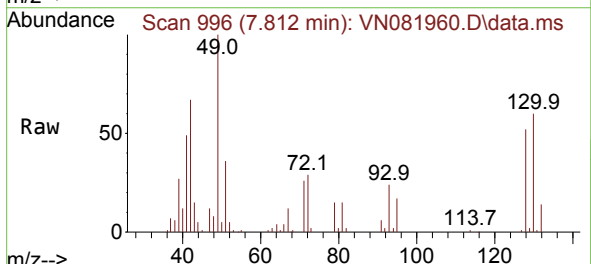
Instrument :
 MSVOA_N
 ClientSampleId :

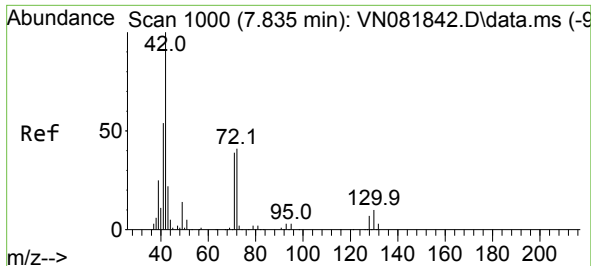
Tgt Ion: 96 Resp: 148934
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 268.0
 98 64.6 0.0 126.8



#28
 Bromochloromethane
 Concen: 48.677 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Tgt Ion: 49 Resp: 109052
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 64.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 241.344 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

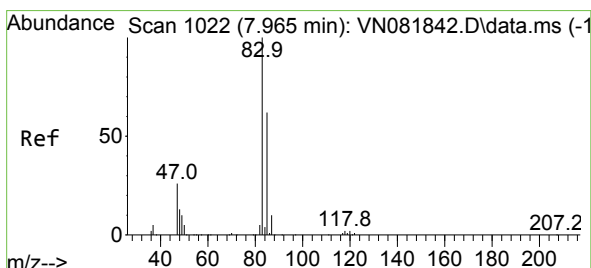
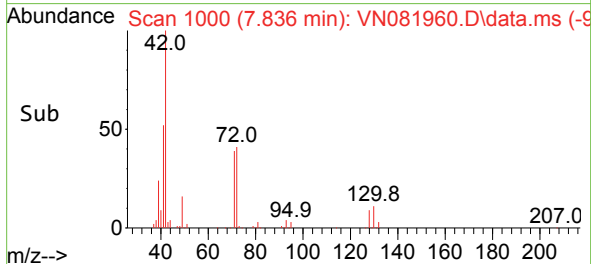
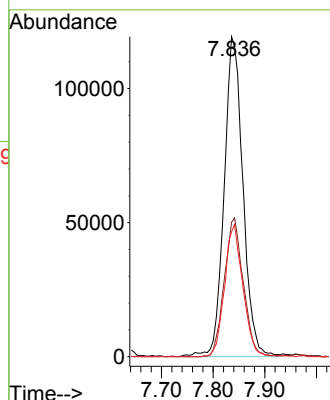
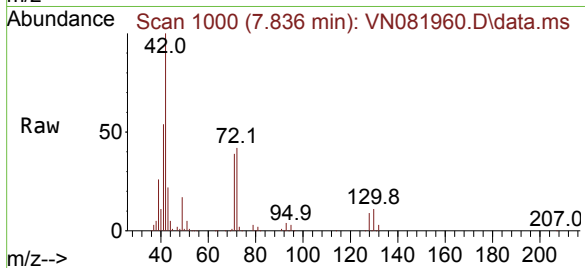
Tgt Ion: 42 Resp: 302858

Ion Ratio Lower Upper

42 100

72 43.4 39.3 58.9

71 40.0 37.4 56.0



#30

Chloroform

Concen: 49.618 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081960.D

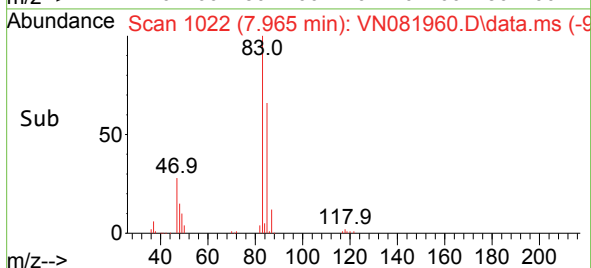
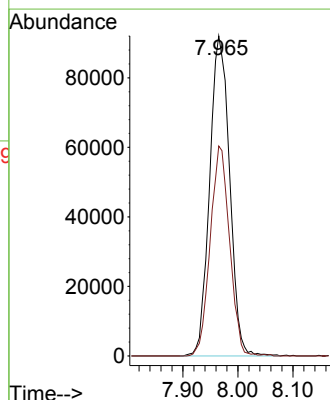
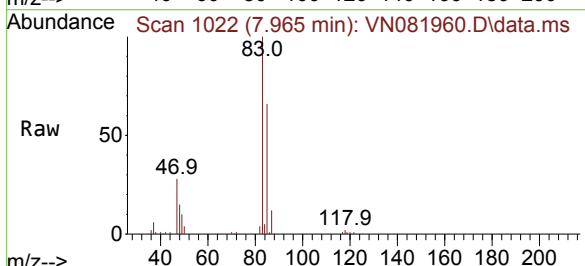
Acq: 01 May 2024 16:39

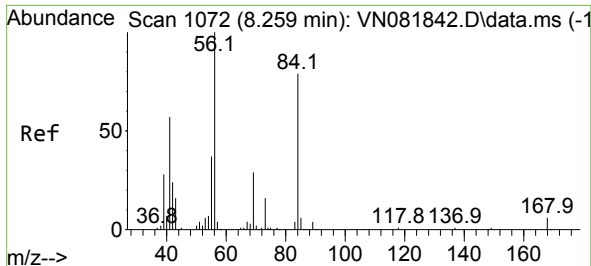
Tgt Ion: 83 Resp: 231832

Ion Ratio Lower Upper

83 100

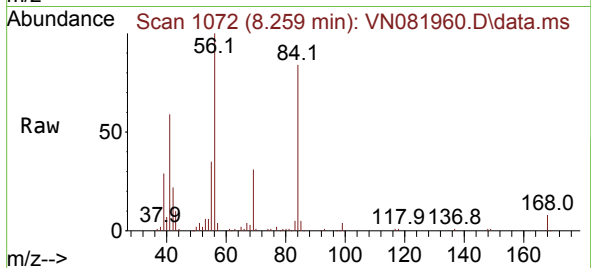
85 65.6 50.7 76.1



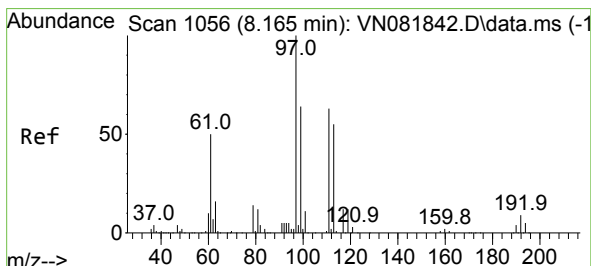
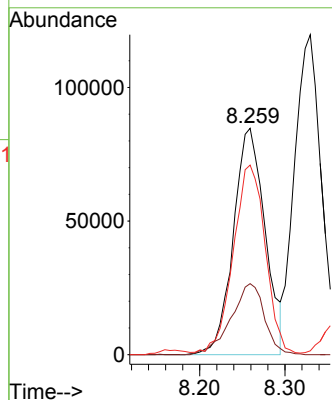
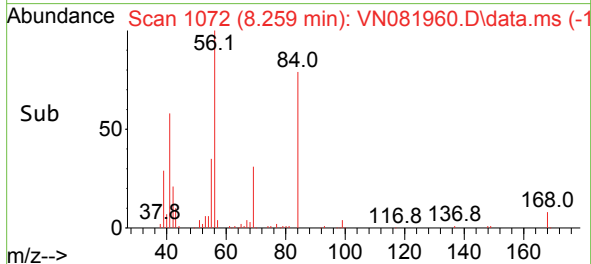


#31
Cyclohexane
Concen: 47.250 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

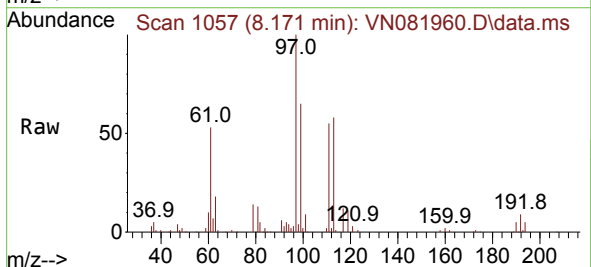
Instrument :
MSVOA_N
ClientSampleId :



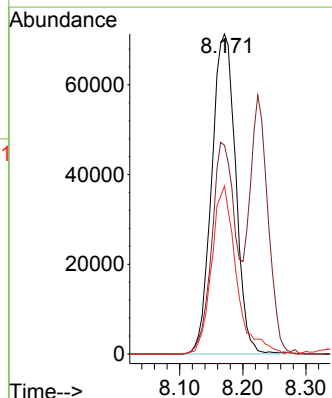
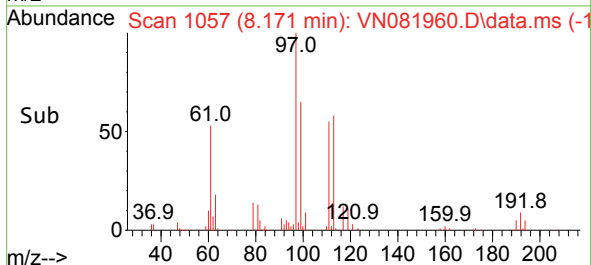
Tgt Ion: 56 Resp: 219459
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 81.9 77.0 115.4

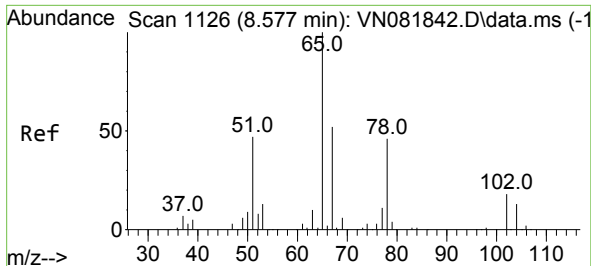


#32
1,1,1-Trichloroethane
Concen: 45.022 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39



Tgt Ion: 97 Resp: 187594
Ion Ratio Lower Upper
97 100
99 66.5 50.3 75.5
61 54.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 45.209 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

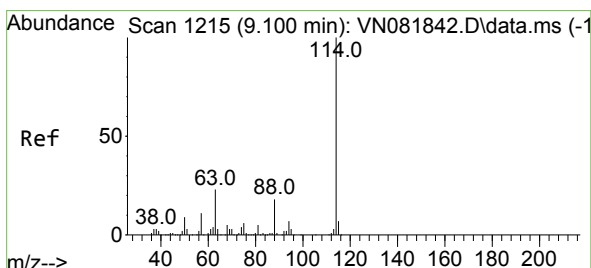
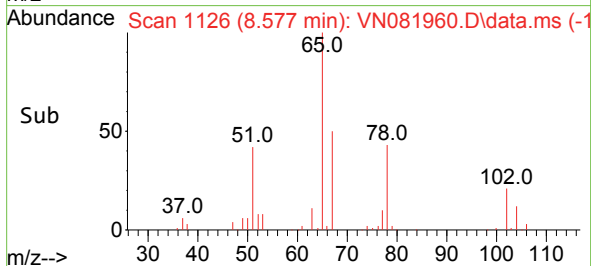
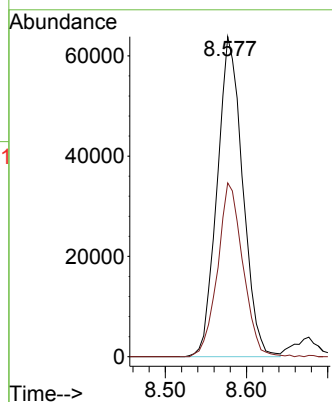
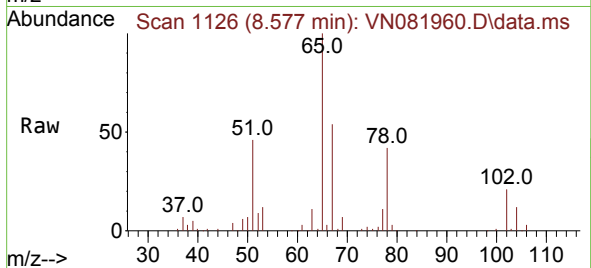
ClientSampleId :

Tgt Ion: 65 Resp: 139386

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

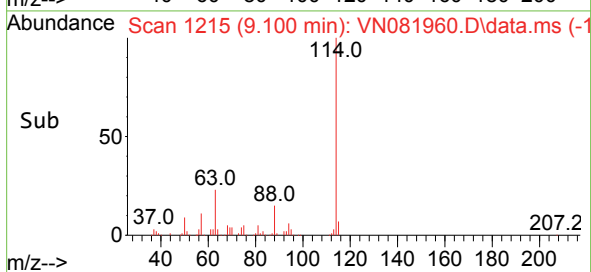
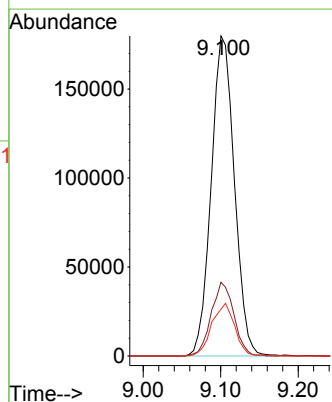
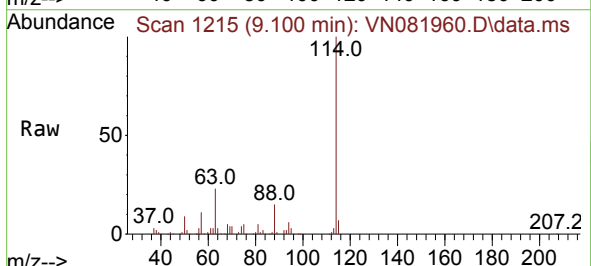
Tgt Ion: 114 Resp: 373796

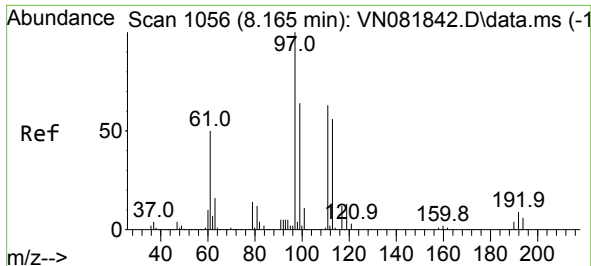
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 14.6 0.0 31.4

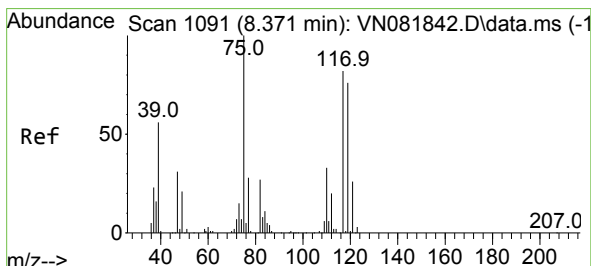
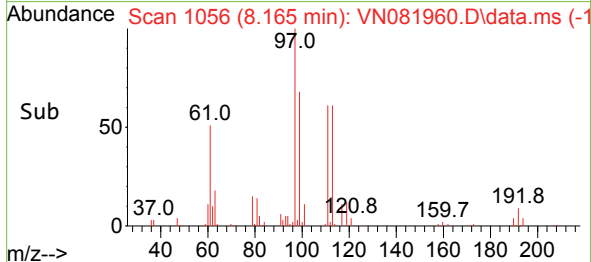
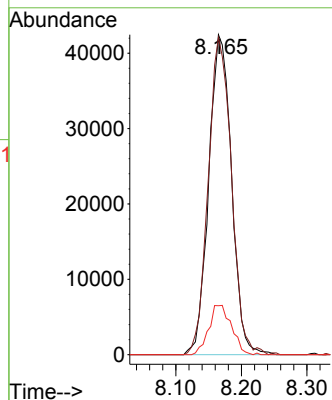
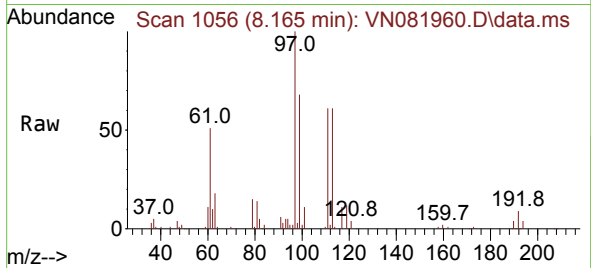




#35
Dibromofluoromethane
Concen: 45.553 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

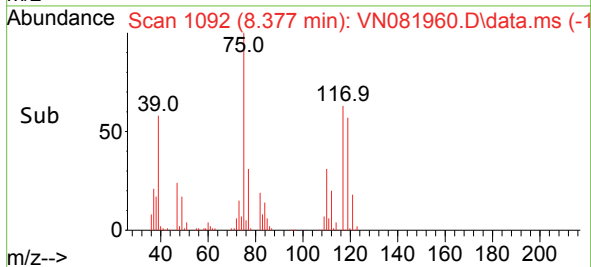
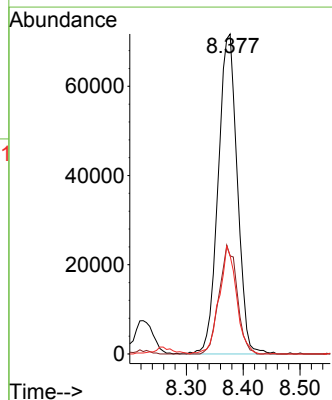
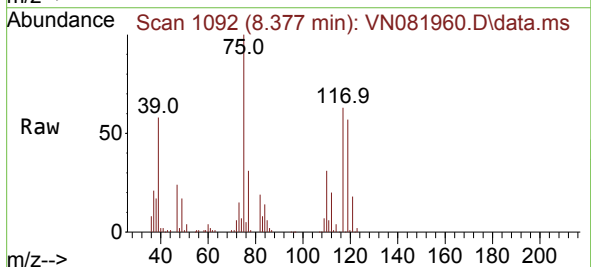
Instrument :
MSVOA_N
ClientSampleId :

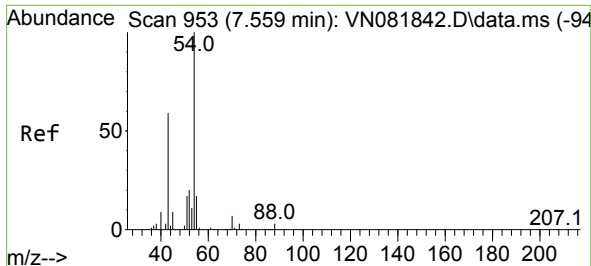
Tgt Ion:113 Resp: 102520
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.2
192 15.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 45.875 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

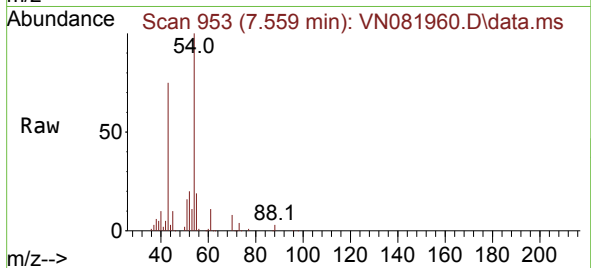
Tgt Ion: 75 Resp: 167967
Ion Ratio Lower Upper
75 100
110 32.1 17.8 53.5
77 30.6 25.0 37.4



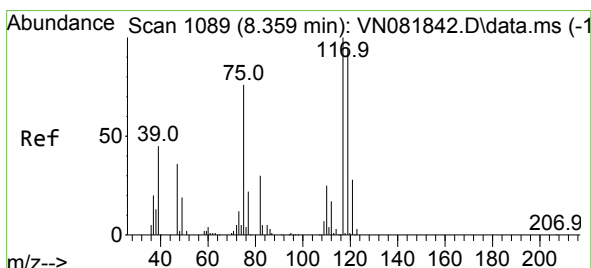
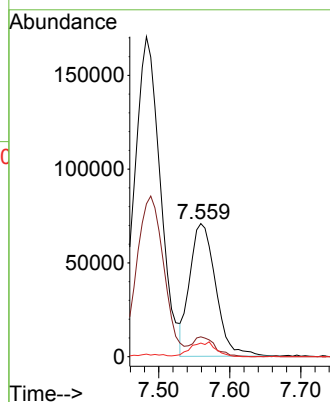
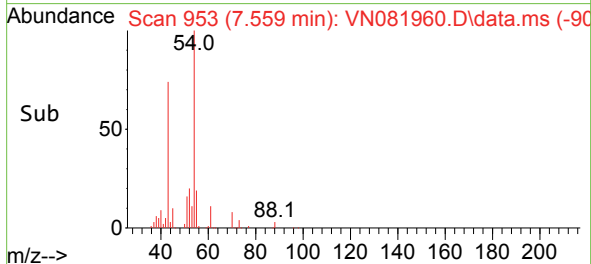


#37
Ethyl Acetate
Concen: 45.531 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

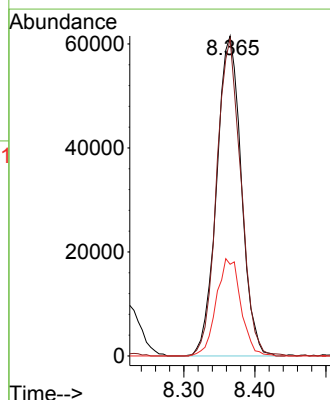
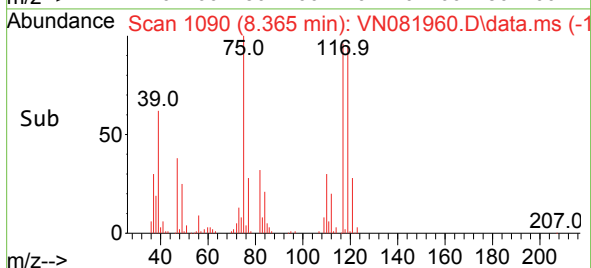
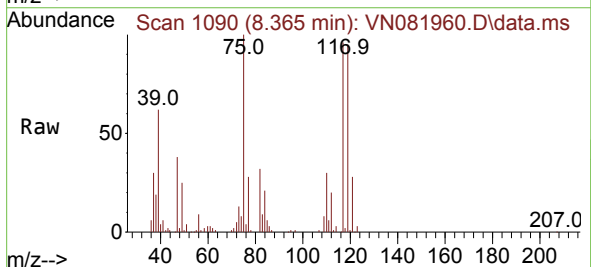


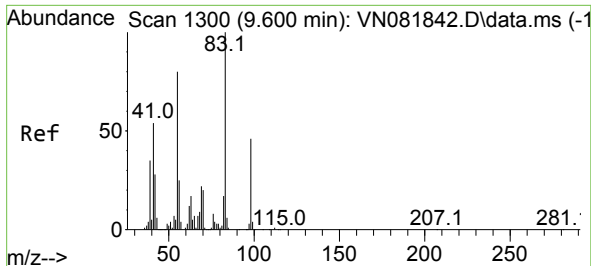
Tgt Ion: 43 Resp: 180244
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 41.388 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 117 Resp: 148105
Ion Ratio Lower Upper
117 100
119 99.1 76.5 114.7
121 28.7 23.9 35.9





#39

Methylcyclohexane

Concen: 45.857 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

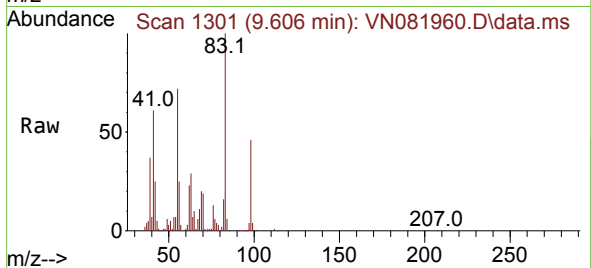
Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :



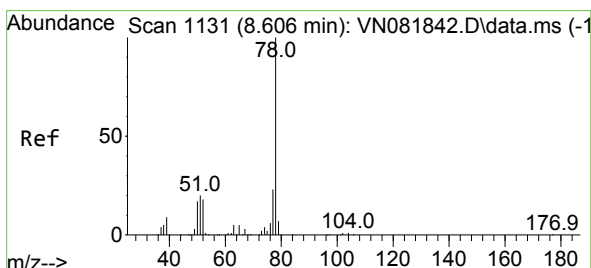
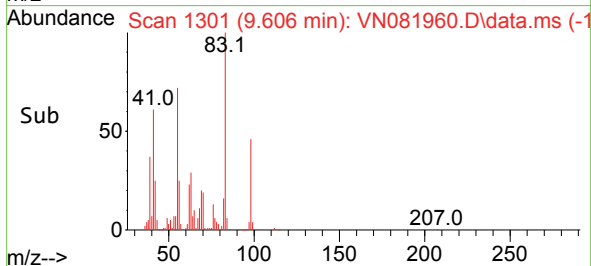
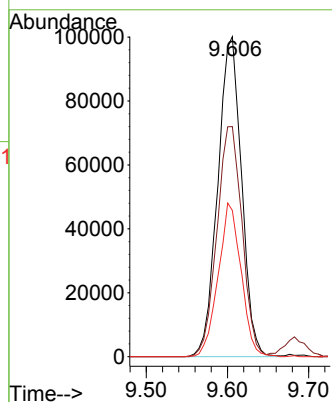
Tgt Ion: 83 Resp: 203913

Ion Ratio Lower Upper

83 100

55 71.9 53.0 79.6

98 45.7 37.1 55.7



#40

Benzene

Concen: 49.262 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081960.D

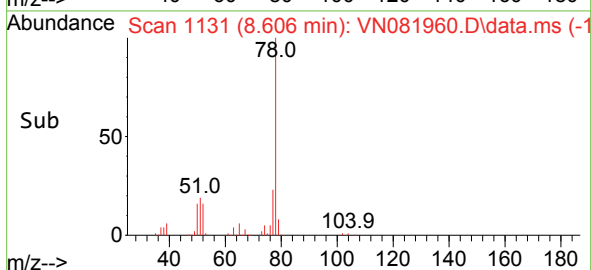
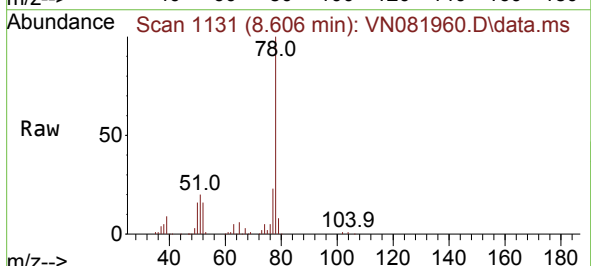
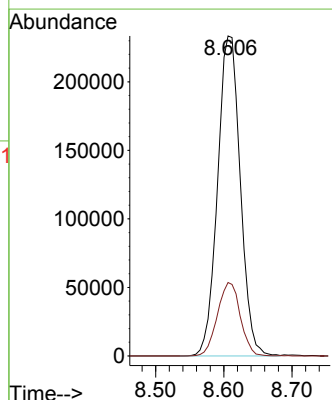
Acq: 01 May 2024 16:39

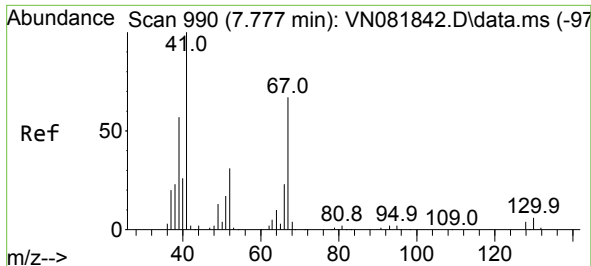
Tgt Ion: 78 Resp: 541449

Ion Ratio Lower Upper

78 100

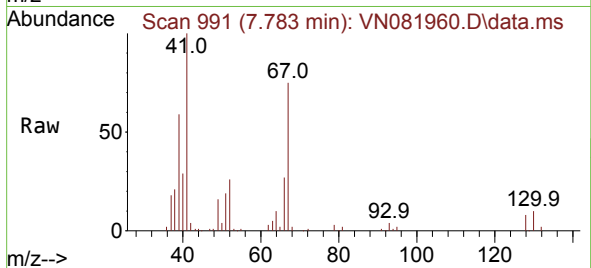
77 22.9 20.0 30.0





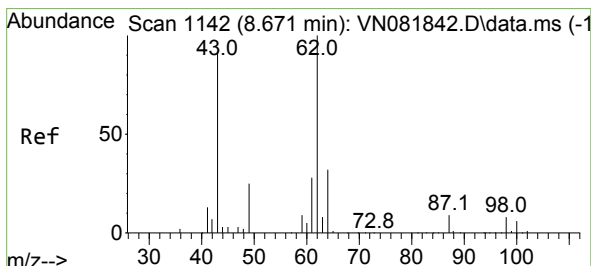
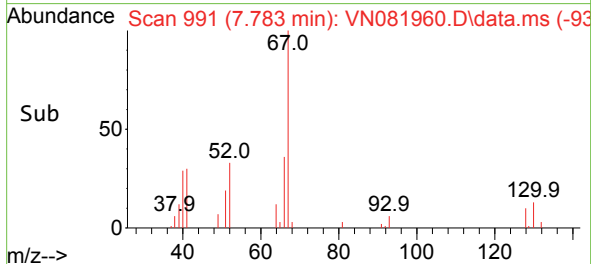
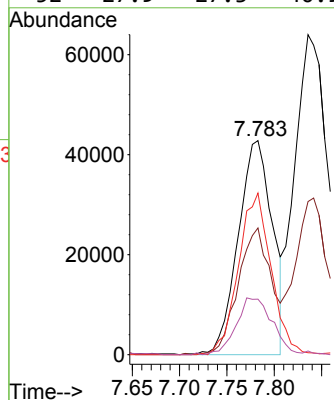
#41
Methacrylonitrile
Concen: 42.613 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 107639

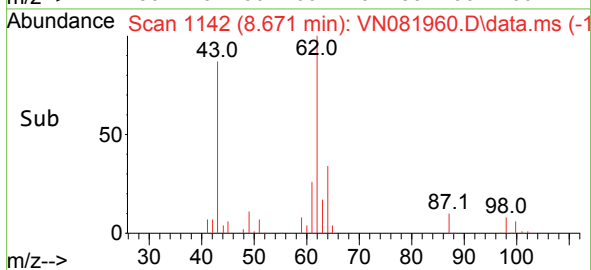
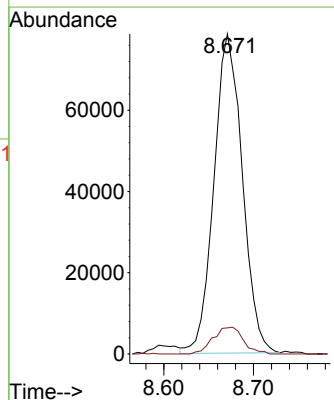
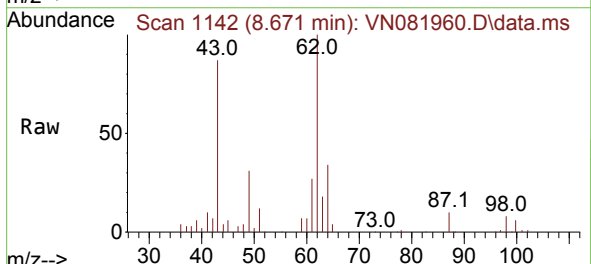
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.6	69.8
67	72.2	67.3	100.9
52	27.9	27.3	40.9

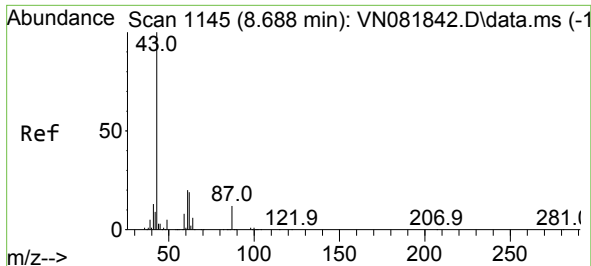


#42
1,2-Dichloroethane
Concen: 42.268 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 62 Resp: 172515

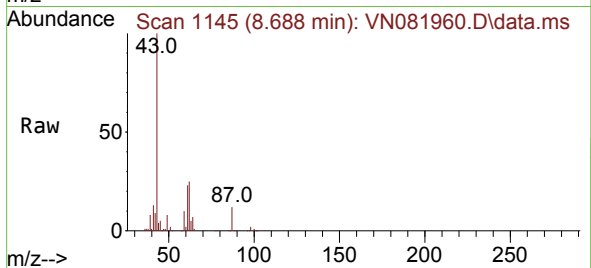
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.6



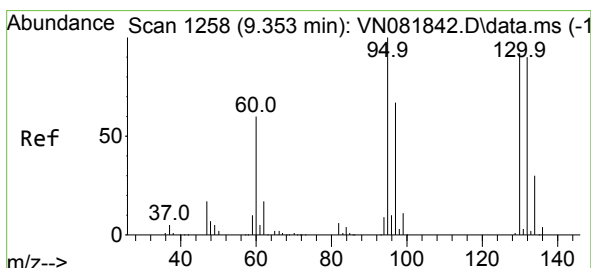
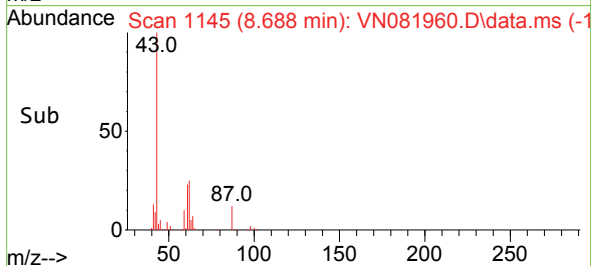
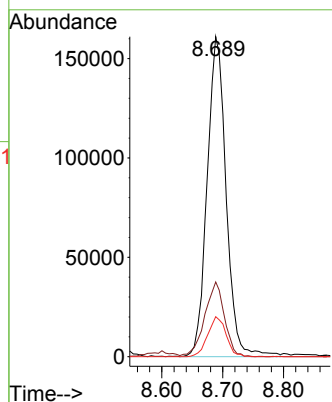


#43
Isopropyl Acetate
Concen: 47.027 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :

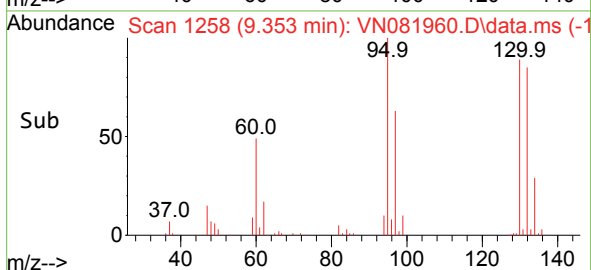
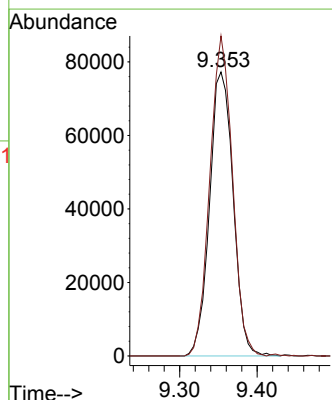
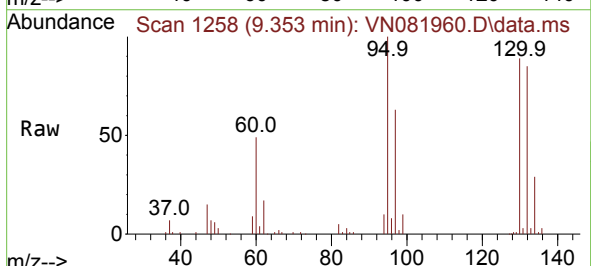


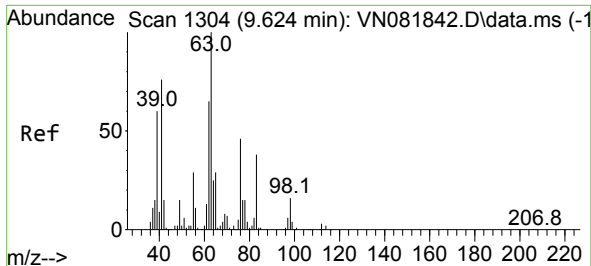
Tgt Ion: 43 Resp: 350049
Ion Ratio Lower Upper
43 100
61 24.2 22.8 34.2
87 12.0 12.0 18.0



#44
Trichloroethene
Concen: 64.486 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion:130 Resp: 163415
Ion Ratio Lower Upper
130 100
95 112.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.287 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

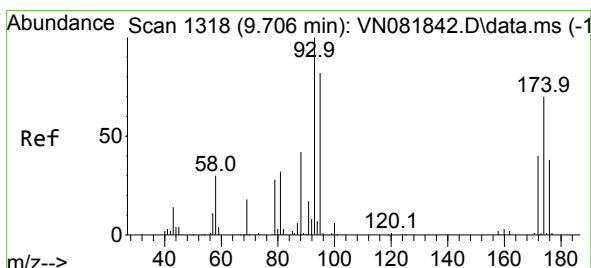
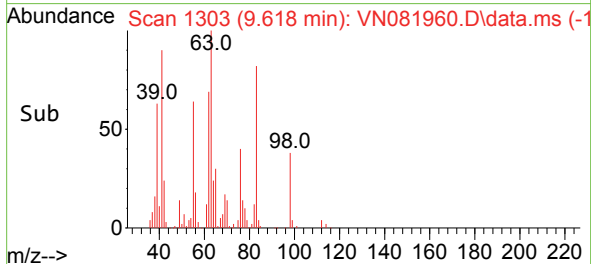
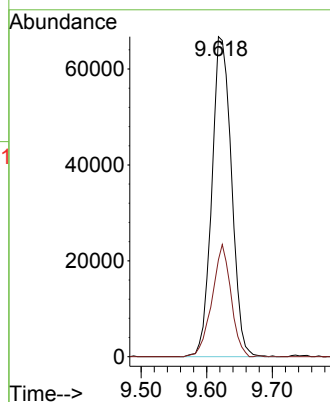
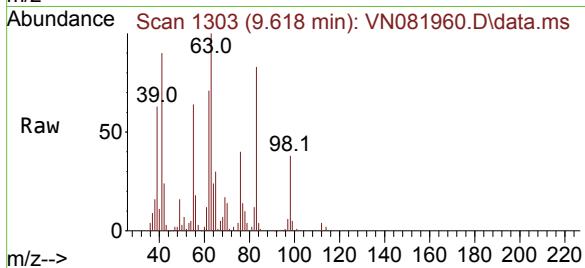
ClientSampleId :

Tgt Ion: 63 Resp: 138899

Ion Ratio Lower Upper

63 100

65 30.3 24.1 36.1



#46

Dibromomethane

Concen: 44.830 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

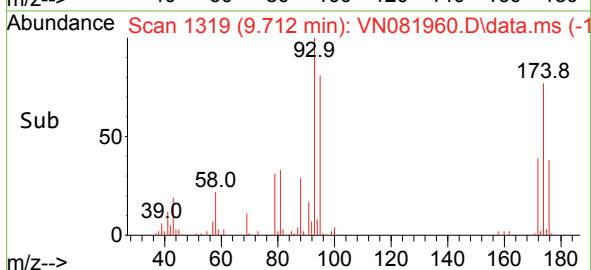
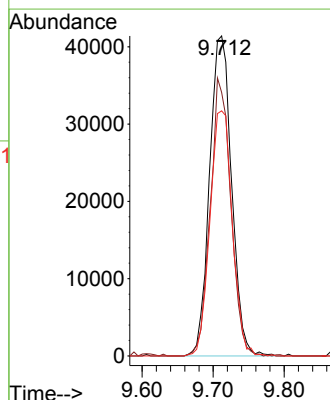
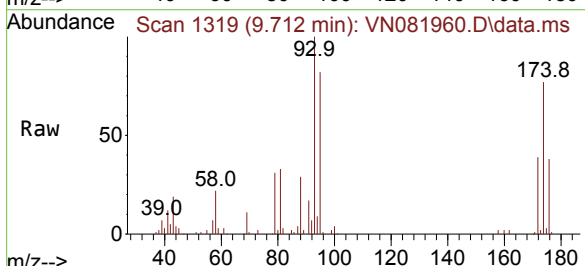
Tgt Ion: 93 Resp: 89131

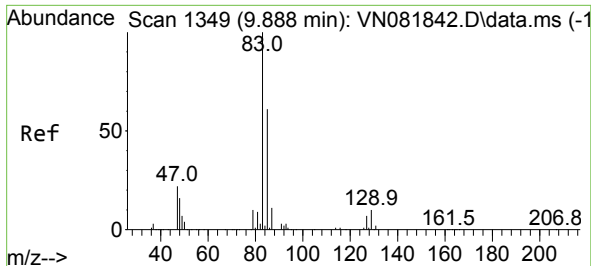
Ion Ratio Lower Upper

93 100

95 80.9 64.8 97.2

174 77.8 73.4 110.0





#47

Bromodichloromethane

Concen: 44.157 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081960.D

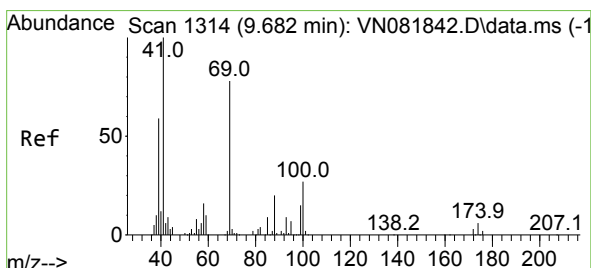
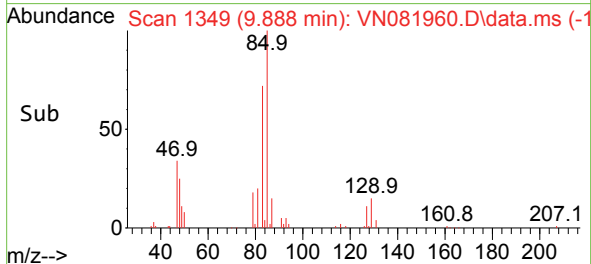
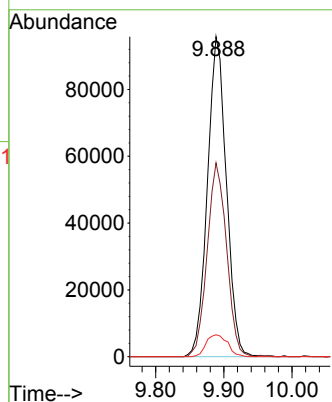
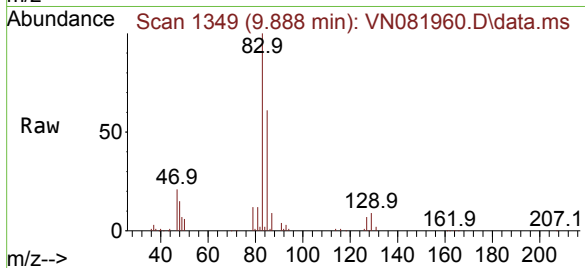
Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	185149
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.9	77.9
127	6.9	7.5	11.3



#48

Methyl methacrylate

Concen: 43.035 ug/l

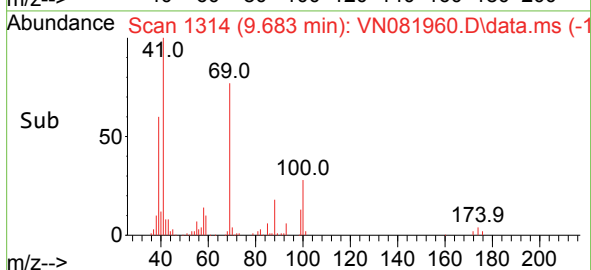
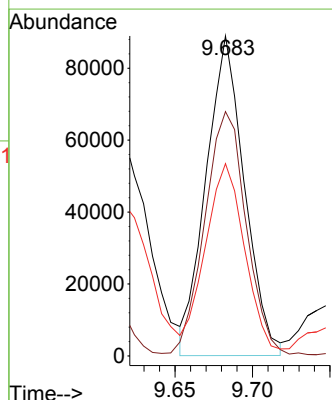
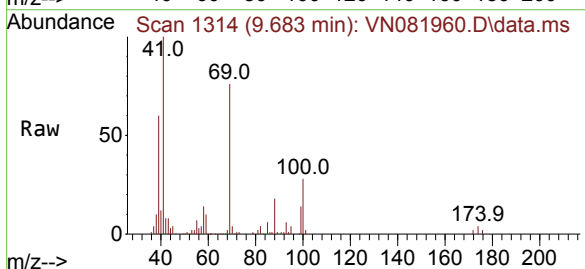
RT: 9.683 min Scan# 1314

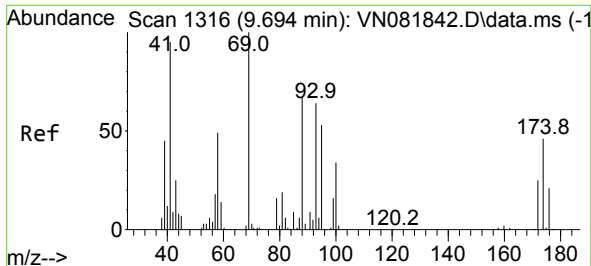
Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Tgt Ion:	41	Resp:	152921
Ion	Ratio	Lower	Upper
41	100		
69	82.5	77.9	116.9
39	62.8	50.9	76.3





#49

1,4-Dioxane

Concen: 916.511 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

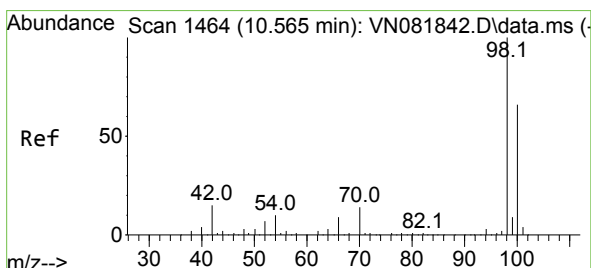
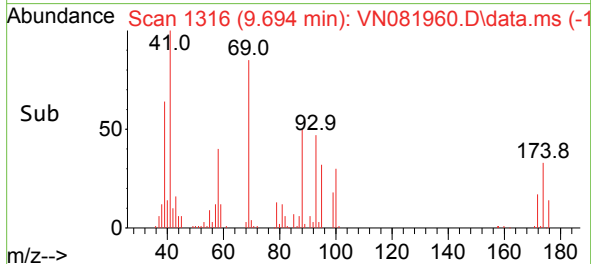
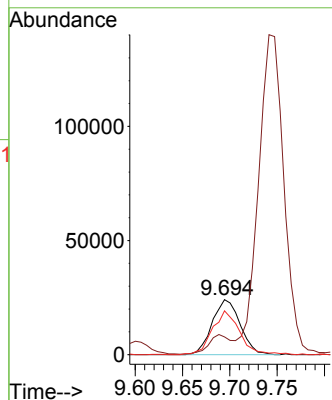
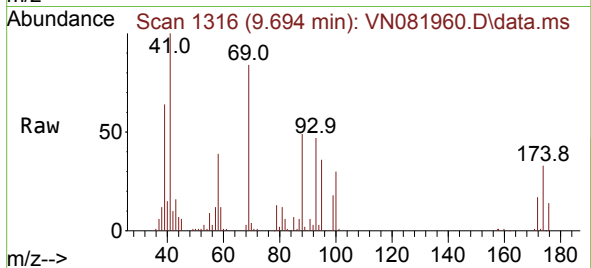
Tgt Ion: 88 Resp: 49500

Ion Ratio Lower Upper

88 100

43 29.9 19.0 28.6#

58 78.2 50.6 76.0#



#50

Toluene-d8

Concen: 47.706 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081960.D

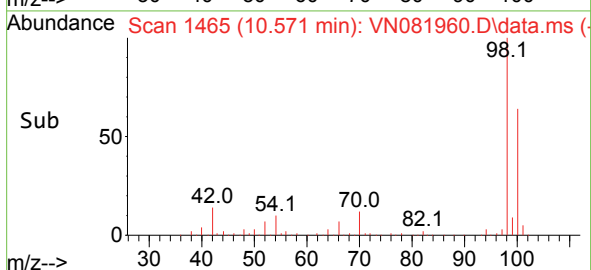
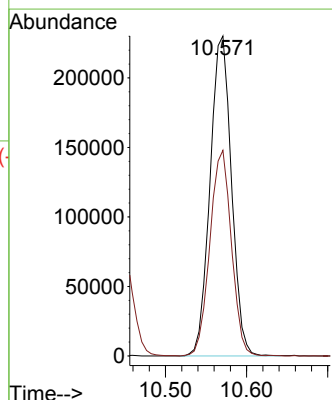
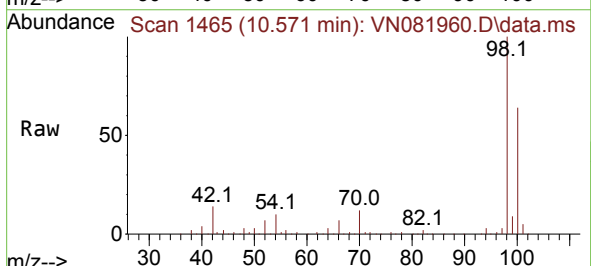
Acq: 01 May 2024 16:39

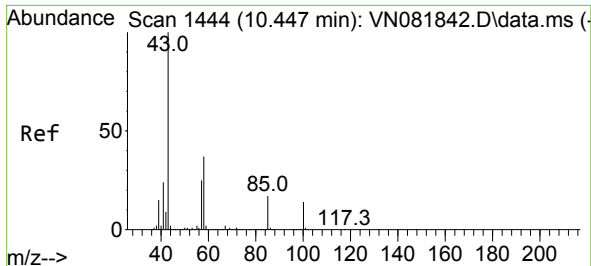
Tgt Ion: 98 Resp: 421670

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

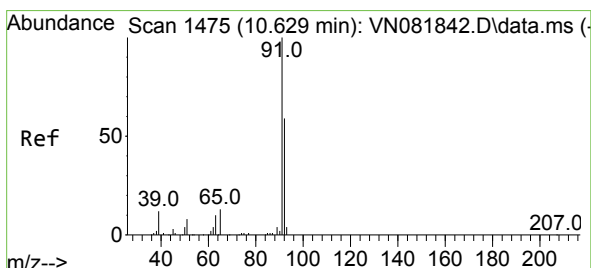
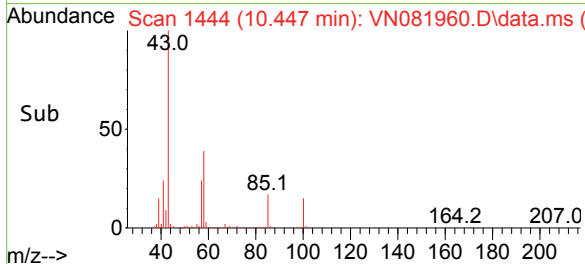
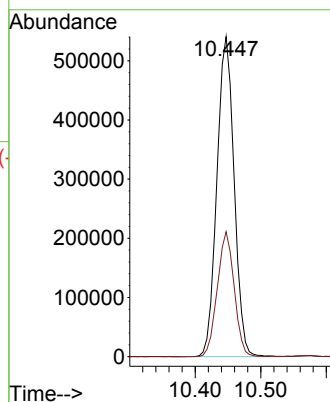
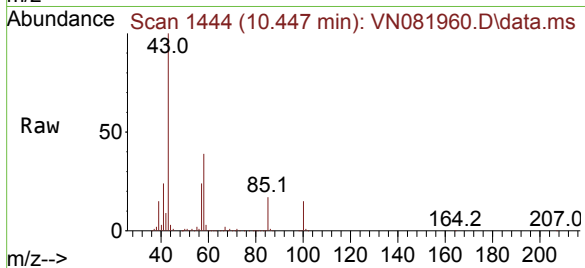




#51
4-Methyl-2-Pentanone
Concen: 234.651 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

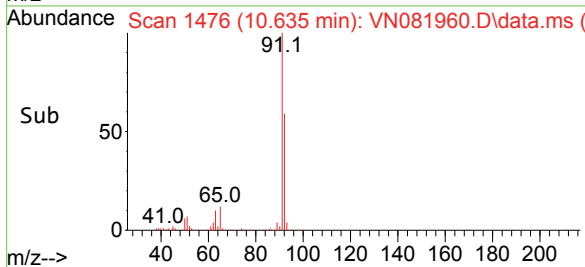
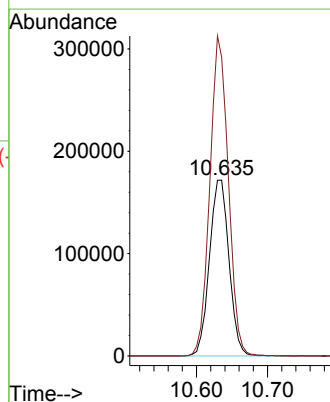
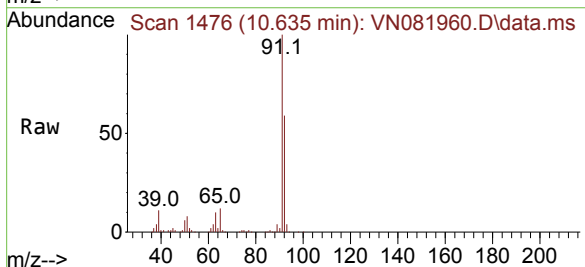
Instrument :
MSVOA_N
ClientSampleId :

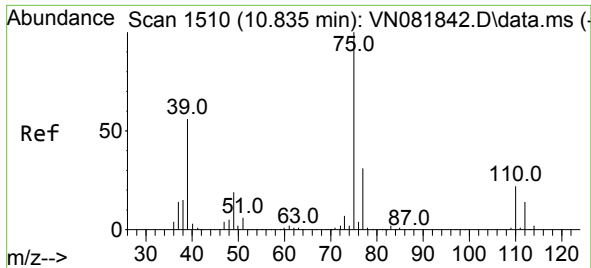
Tgt Ion: 43 Resp: 983263
Ion Ratio Lower Upper
43 100
58 38.2 33.2 49.8



#52
Toluene
Concen: 49.939 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 92 Resp: 328711
Ion Ratio Lower Upper
92 100
91 171.6 136.7 205.1

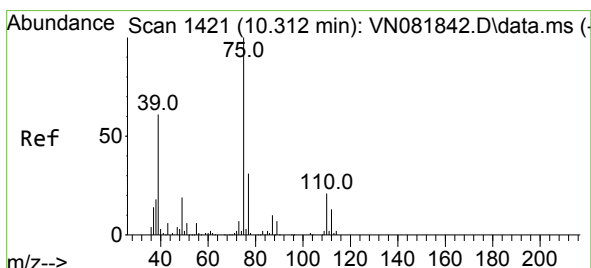
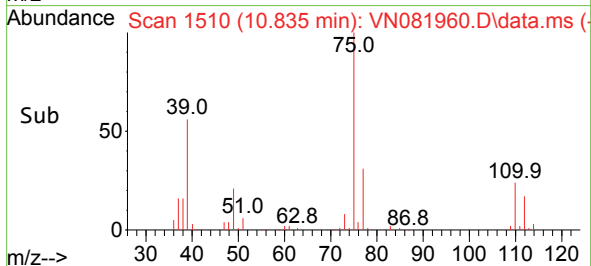
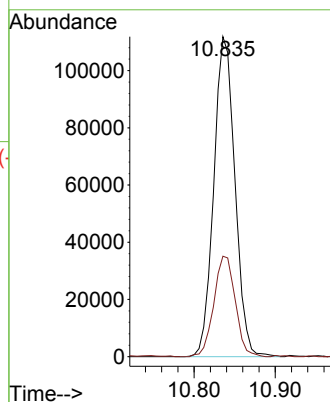
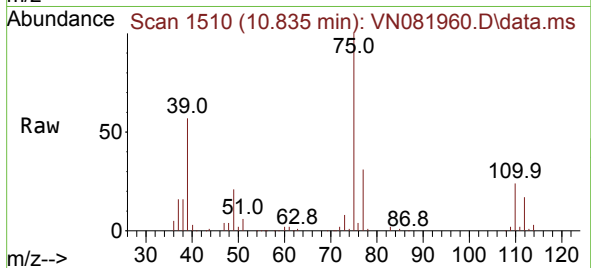




#53
 t-1,3-Dichloropropene
 Concen: 44.417 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

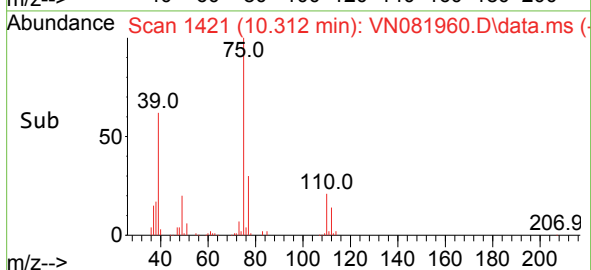
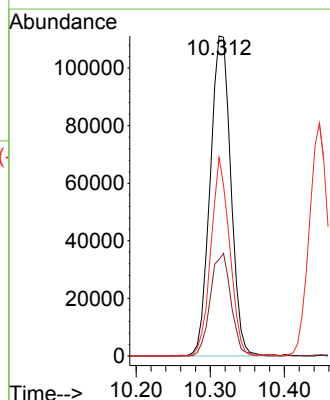
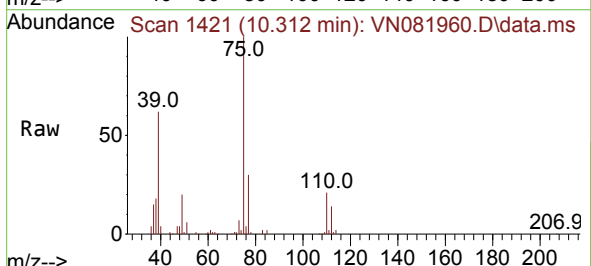
Instrument :
 MSVOA_N
 ClientSampleId :

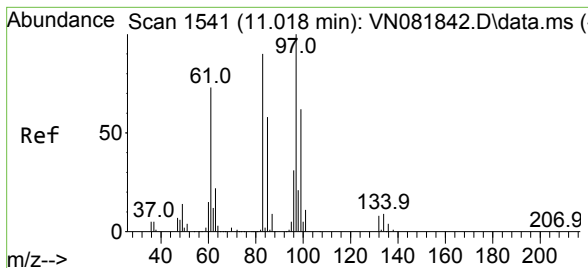
Tgt Ion: 75 Resp: 202649
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 45.781 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

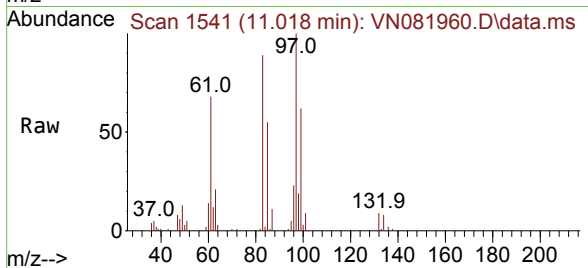
Tgt Ion: 75 Resp: 215271
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4
 39 62.0 34.8 52.2#



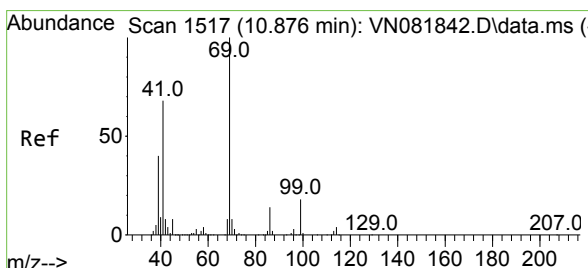
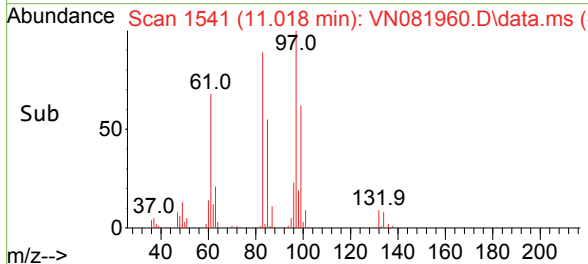
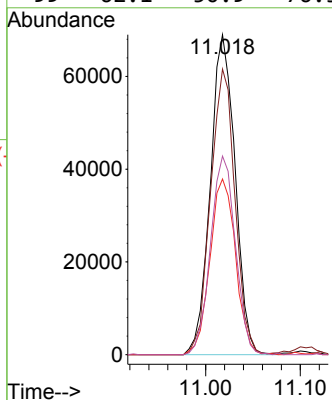


#55
 1,1,2-Trichloroethane
 Concen: 48.391 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Instrument :
 MSVOA_N
 ClientSampleId :

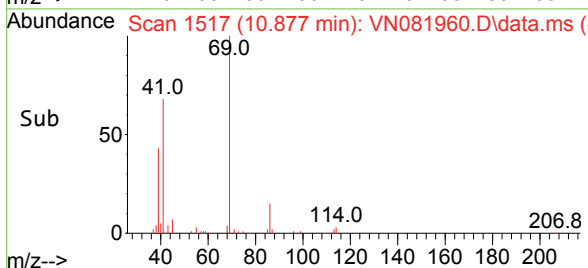
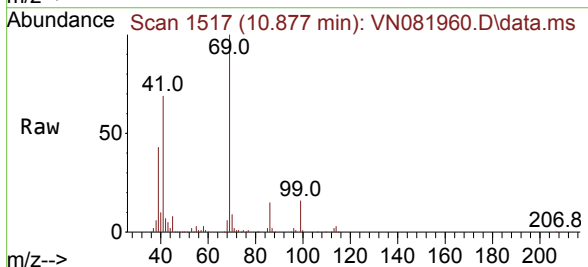
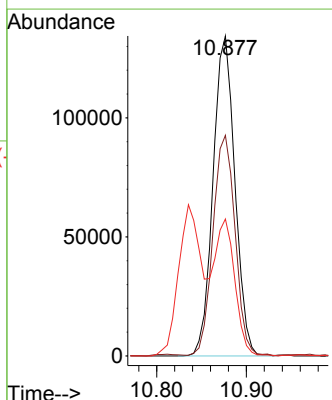


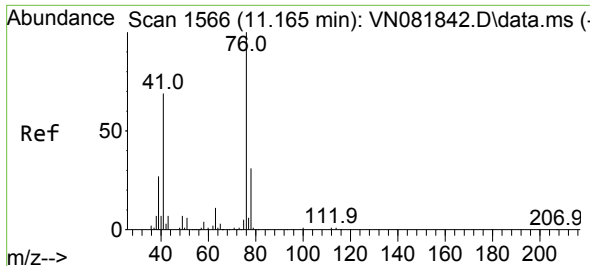
Tgt Ion:	97	Resp:	125269
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.4	105.6
85	54.9	45.6	68.4
99	62.1	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 46.126 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Tgt Ion:	69	Resp:	227367
Ion	Ratio	Lower	Upper
69	100		
41	70.0	46.6	70.0#
39	38.3	26.5	39.7





#57

1,3-Dichloropropane

Concen: 48.485 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

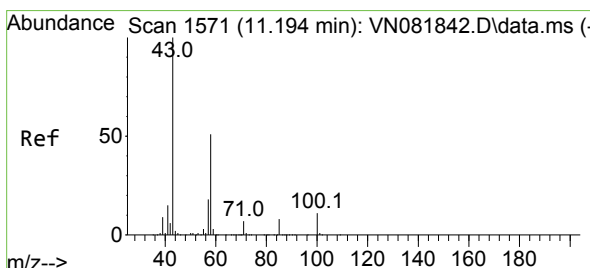
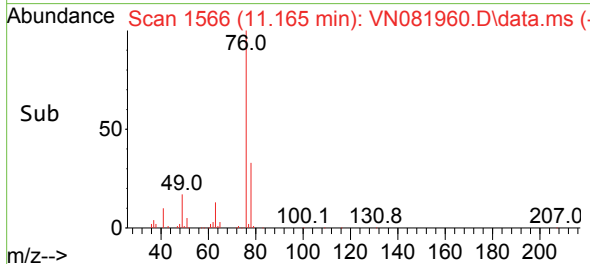
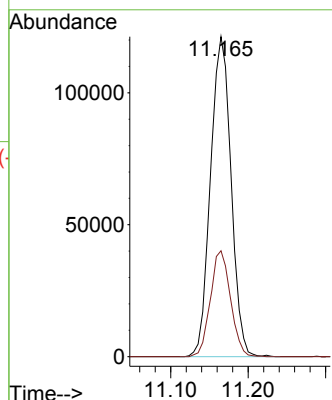
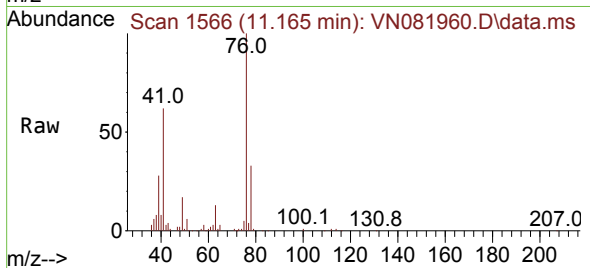
ClientSampleId :

Tgt Ion: 76 Resp: 223145

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#59

2-Hexanone

Concen: 235.532 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN081960.D

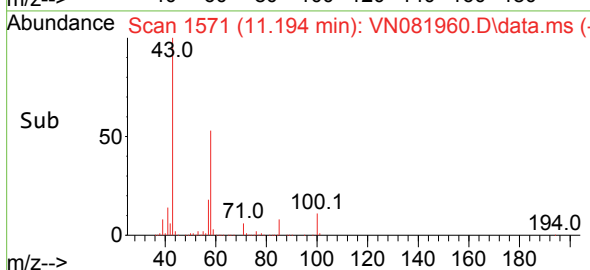
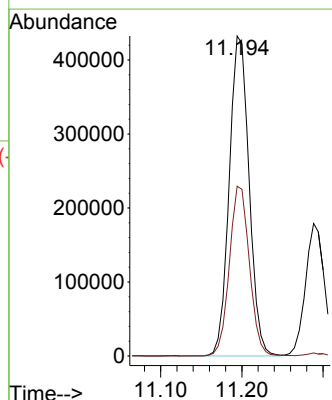
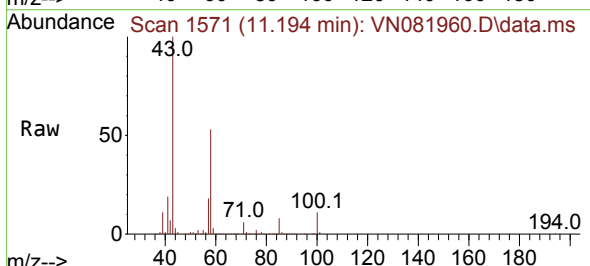
Acq: 01 May 2024 16:39

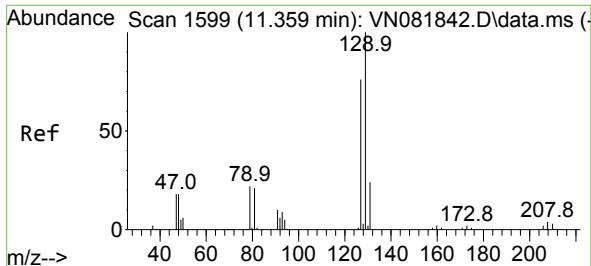
Tgt Ion: 43 Resp: 734494

Ion Ratio Lower Upper

43 100

58 53.5 28.3 84.9

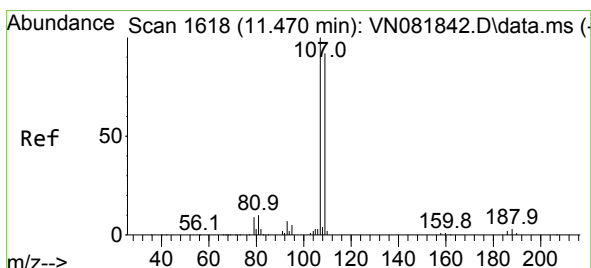
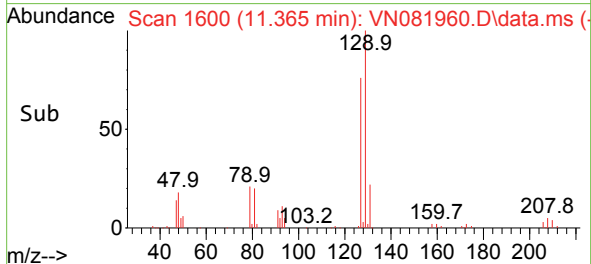
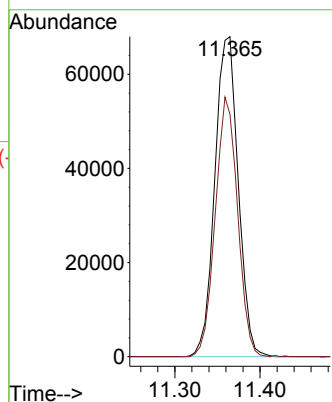
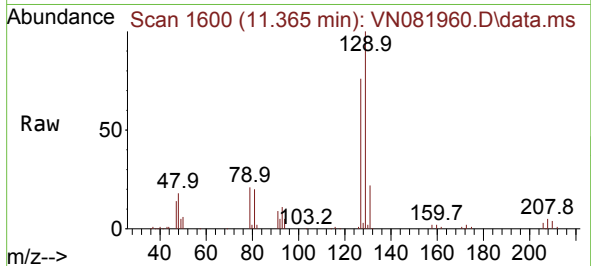




#60
Dibromochloromethane
Concen: 47.405 ug/l
RT: 11.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

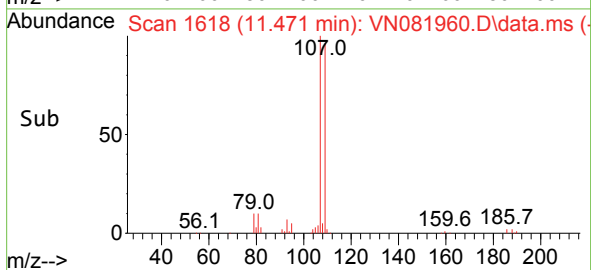
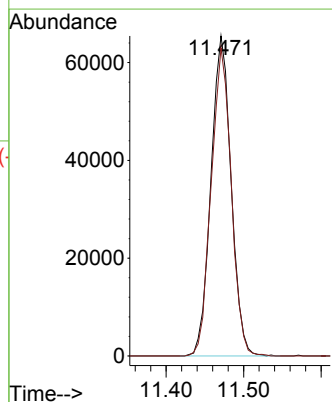
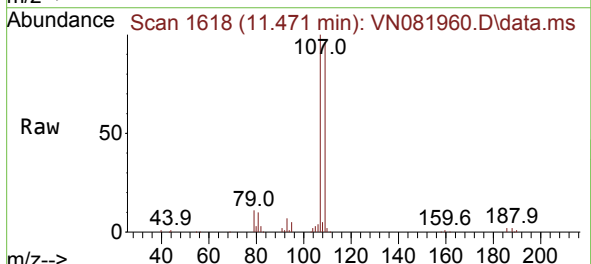
Instrument :
MSVOA_N
ClientSampleId :

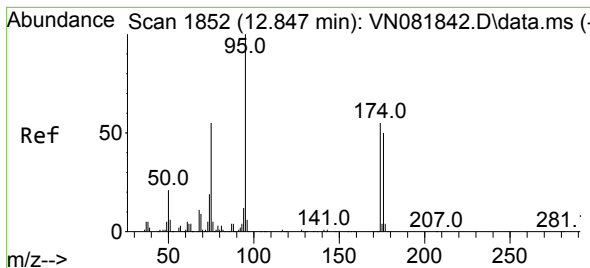
Tgt Ion:129 Resp: 129976
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8



#61
1,2-Dibromoethane
Concen: 47.746 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion:107 Resp: 118198
Ion Ratio Lower Upper
107 100
109 95.7 75.8 113.6

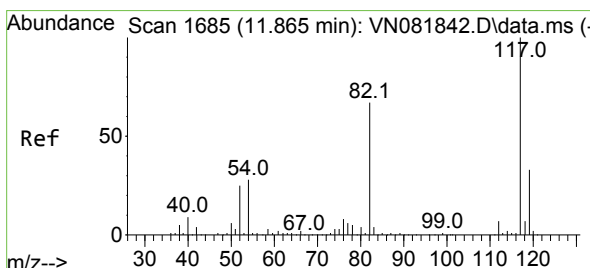
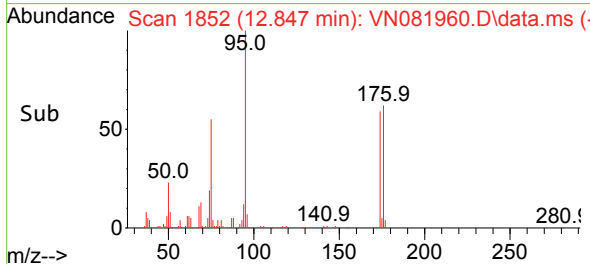
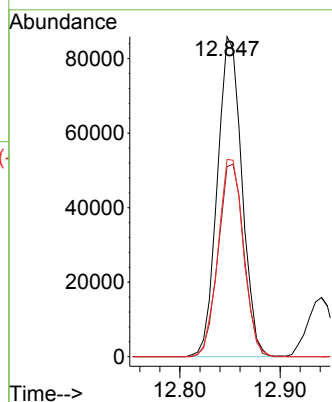
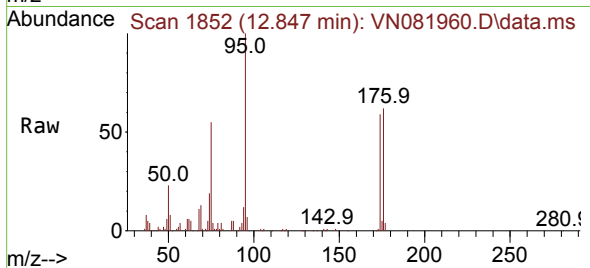




#62
4-Bromofluorobenzene
Concen: 41.763 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

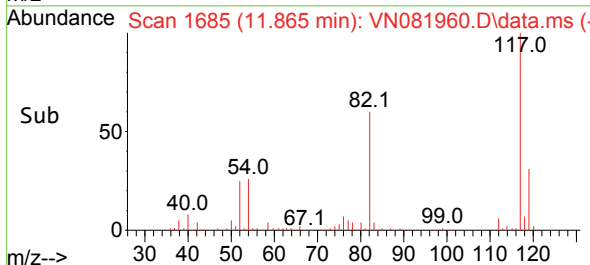
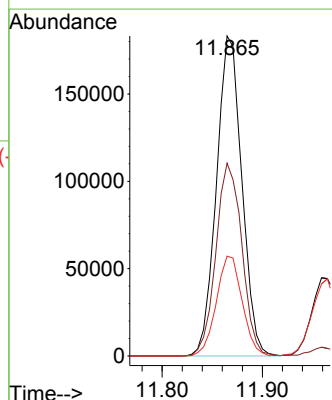
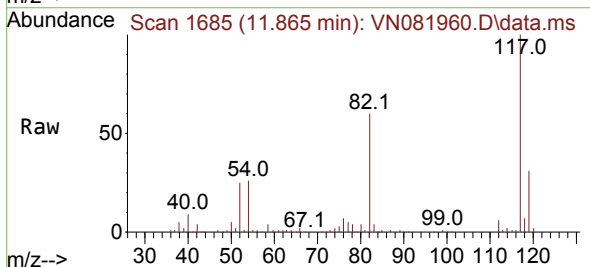
Instrument :
MSVOA_N
ClientSampleId :

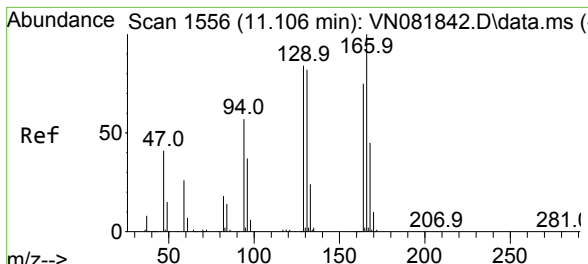
Tgt Ion: 95 Resp: 145922
Ion Ratio Lower Upper
95 100
174 62.8 0.0 160.6
176 63.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

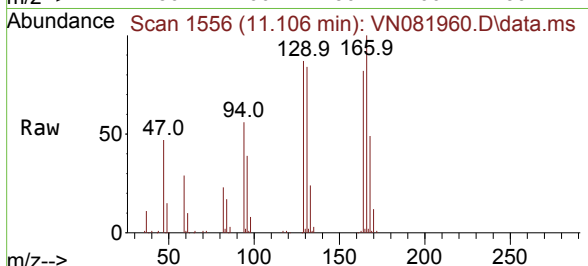
Tgt Ion: 117 Resp: 321906
Ion Ratio Lower Upper
117 100
82 60.2 44.6 66.8
119 31.2 25.9 38.9





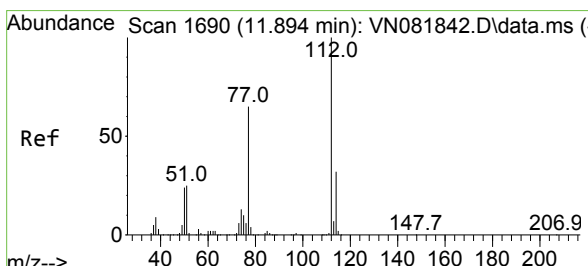
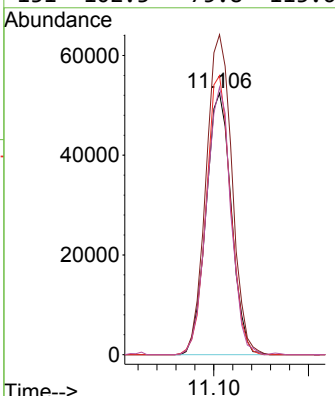
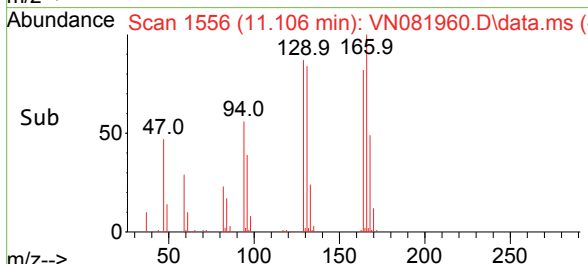
#64
 Tetrachloroethene
 Concen: 41.535 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Instrument :
 MSVOA_N
 ClientSampleId :

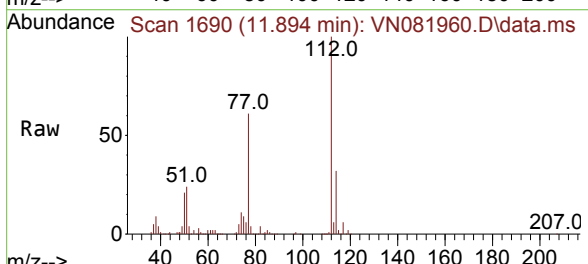


Tgt Ion:164 Resp: 97108

Ion	Ratio	Lower	Upper
164	100		
166	122.4	97.6	146.4
129	106.7	73.7	110.5
131	102.3	75.8	113.6

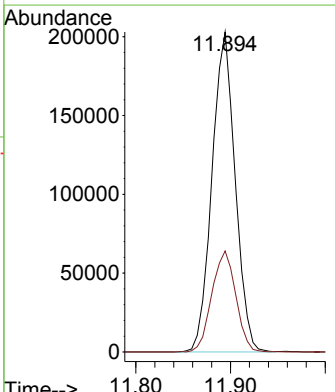
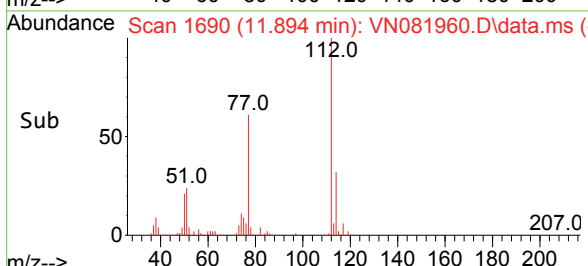


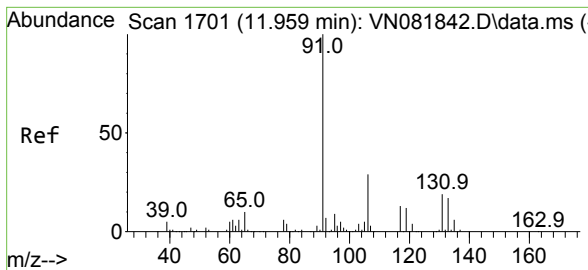
#65
 Chlorobenzene
 Concen: 49.087 ug/l
 RT: 11.894 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39



Tgt Ion:112 Resp: 345068

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5

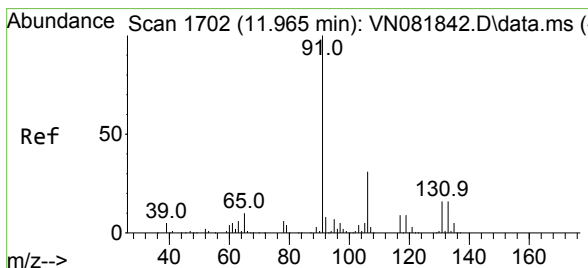
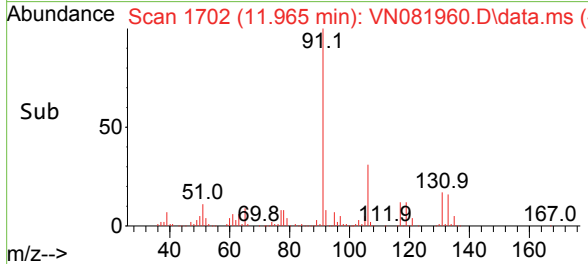
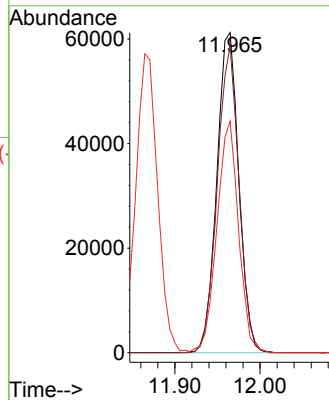
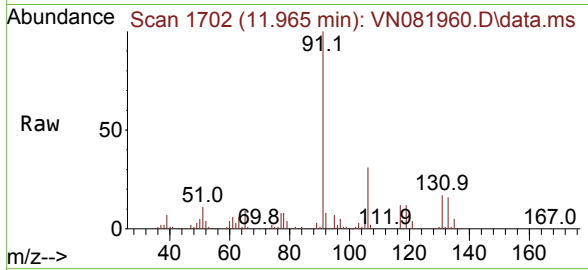




#66
1,1,1,2-Tetrachloroethane
Concen: 47.968 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

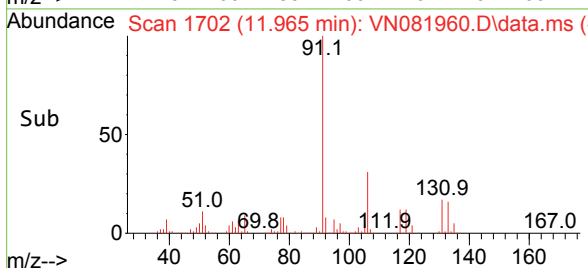
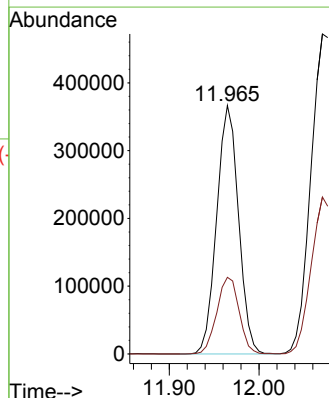
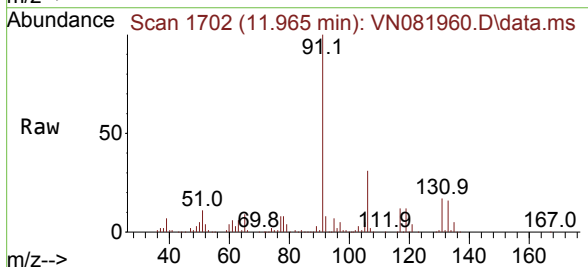
Instrument :
MSVOA_N
ClientSampleId :

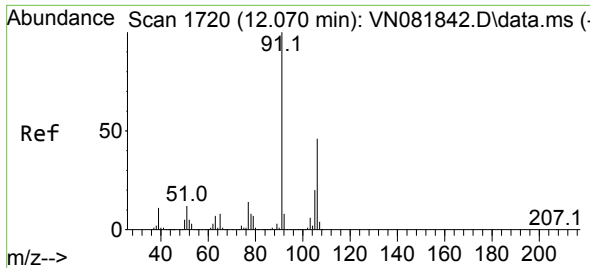
Tgt Ion:131 Resp: 109590
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 71.2 32.9 98.7



#67
Ethyl Benzene
Concen: 47.362 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 91 Resp: 619188
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

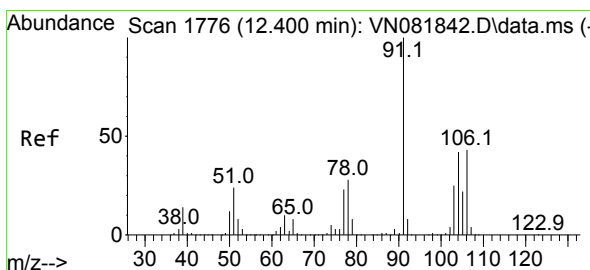
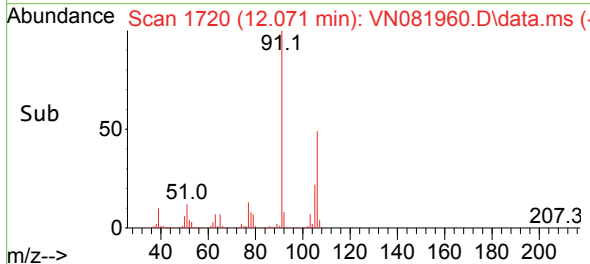
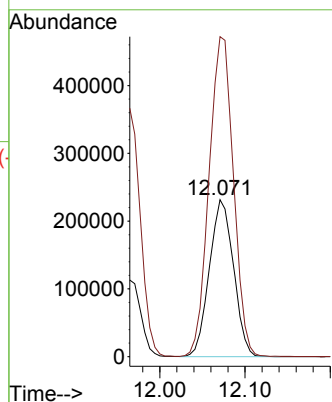
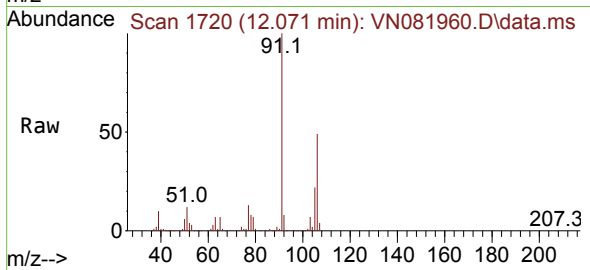




#68
m/p-Xylenes
Concen: 98.064 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

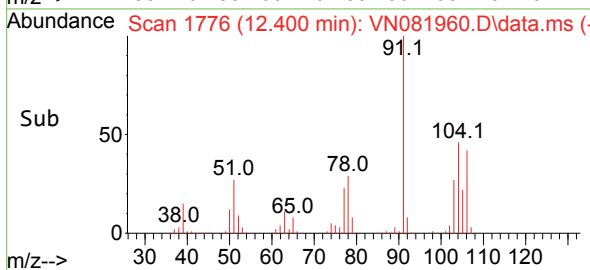
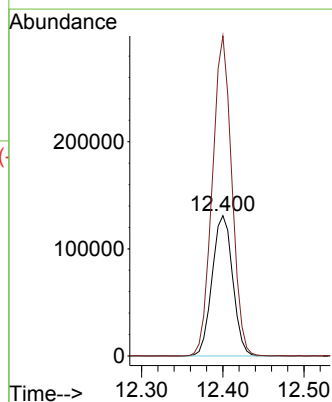
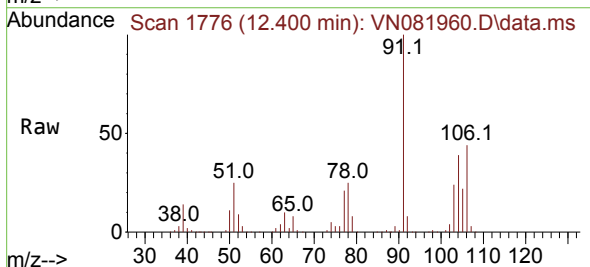
Instrument :
MSVOA_N
ClientSampleId :

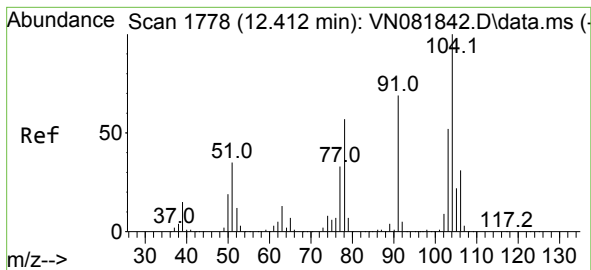
Tgt Ion:106 Resp: 457295
Ion Ratio Lower Upper
106 100
91 205.9 159.4 239.0



#69
o-Xylene
Concen: 50.650 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion:106 Resp: 230593
Ion Ratio Lower Upper
106 100
91 216.2 104.7 314.1





#70

Styrene

Concen: 48.676 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

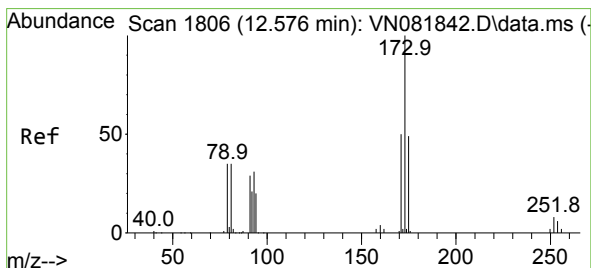
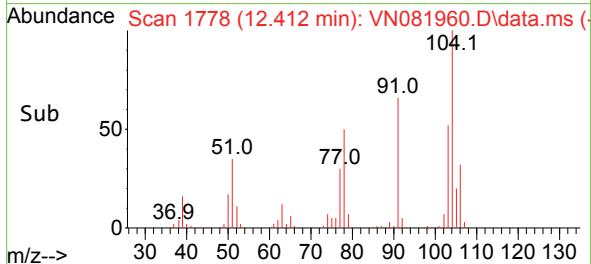
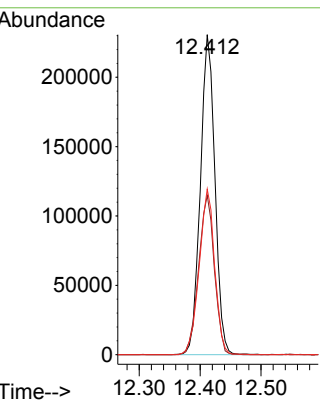
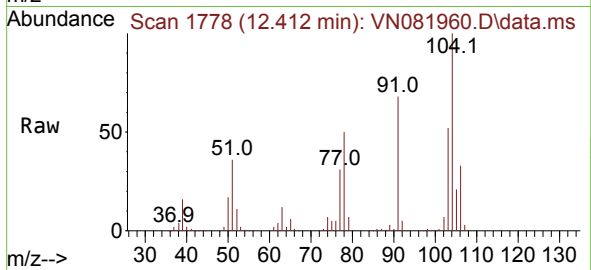
Tgt Ion:104 Resp: 383364

Ion Ratio Lower Upper

104 100

78 53.9 38.6 58.0

103 54.8 43.8 65.6



#71

Bromoform

Concen: 42.435 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

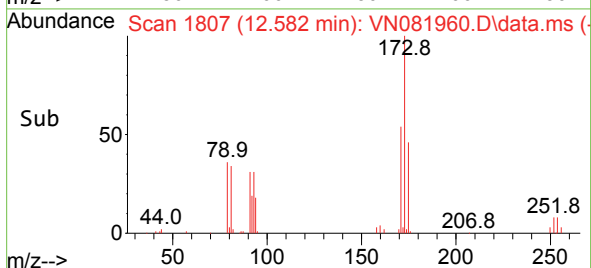
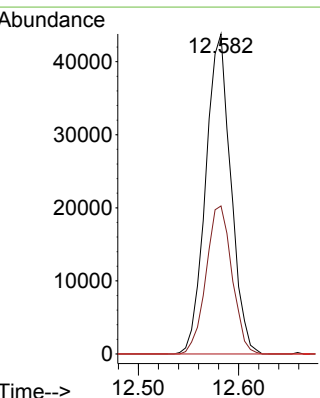
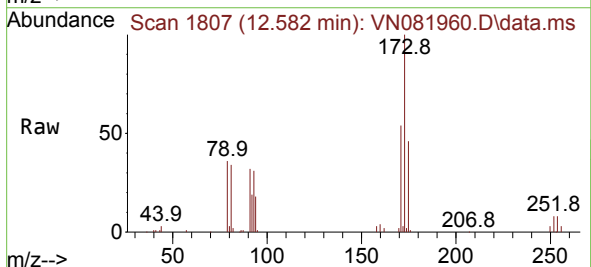
Tgt Ion:173 Resp: 76218

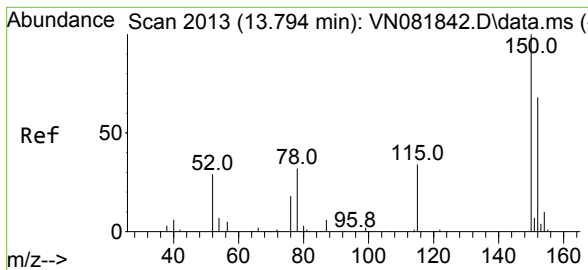
Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

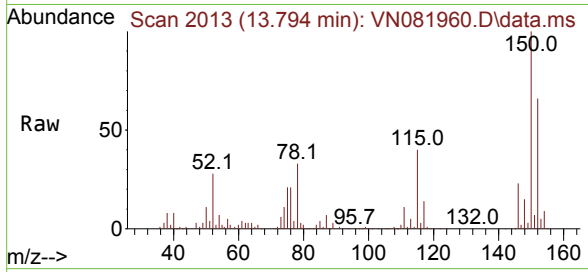
254 0.0 0.0 0.0



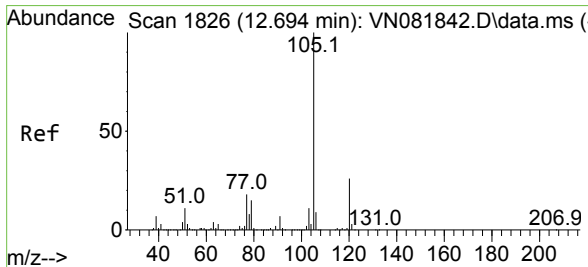
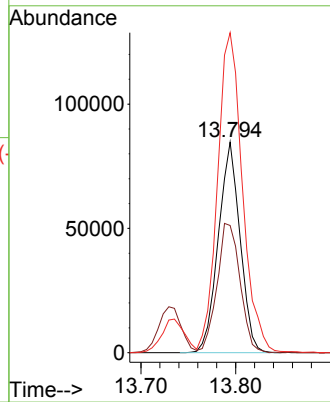
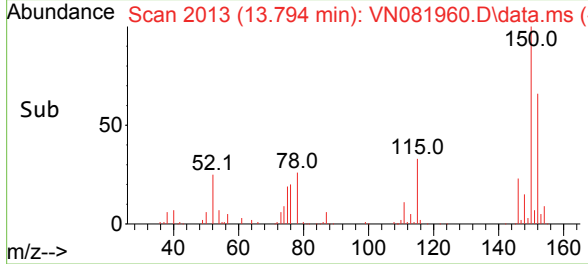


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

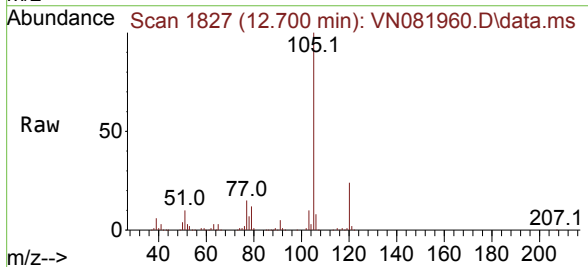
Instrument :
MSVOA_N
ClientSampleId :



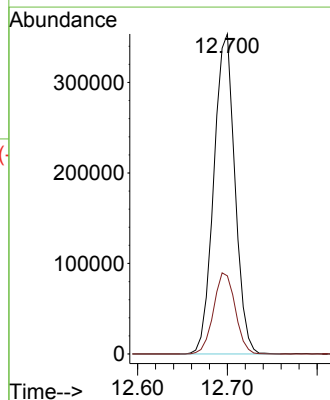
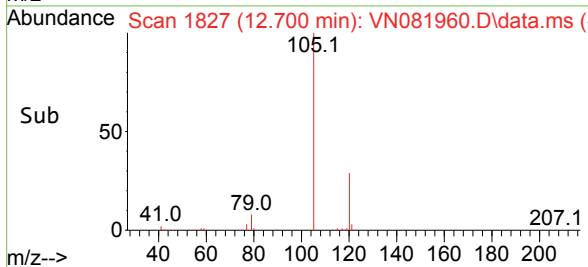
Tgt Ion:152 Resp: 135129
Ion Ratio Lower Upper
152 100
115 65.0 30.4 91.3
150 174.4 0.0 353.2

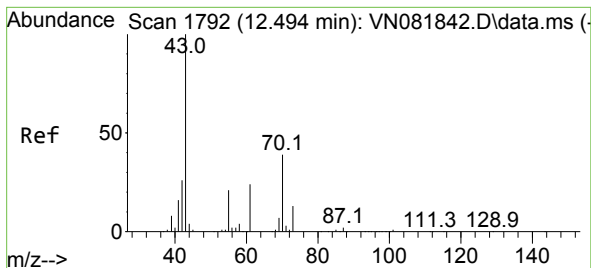


#73
Isopropylbenzene
Concen: 48.046 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39



Tgt Ion:105 Resp: 577229
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1





#74

N-amy1 acetate

Concen: 45.890 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

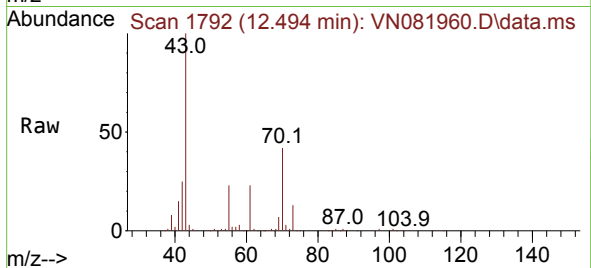
Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 306951

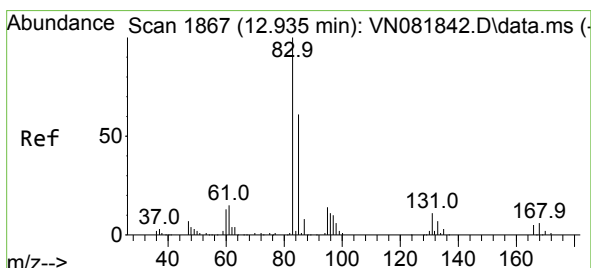
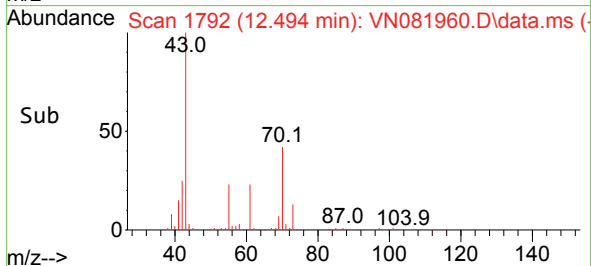
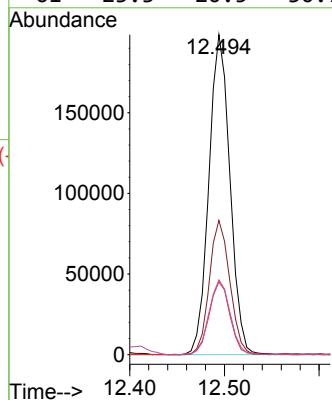
Ion Ratio Lower Upper

43 100

70 40.7 39.0 58.4

55 22.7 21.3 31.9

61 23.3 20.5 30.7



#75

1,1,2,2-Tetrachloroethane

Concen: 48.155 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

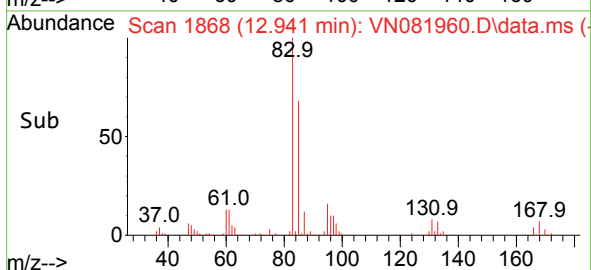
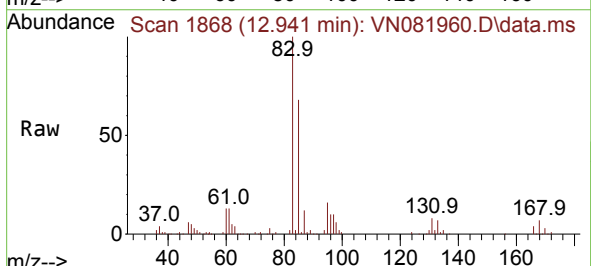
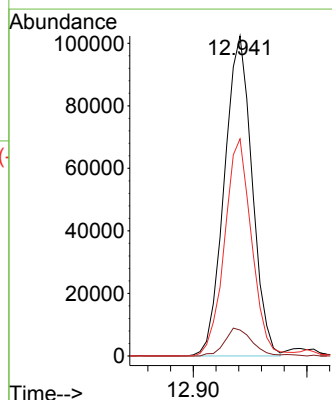
Tgt Ion: 83 Resp: 173738

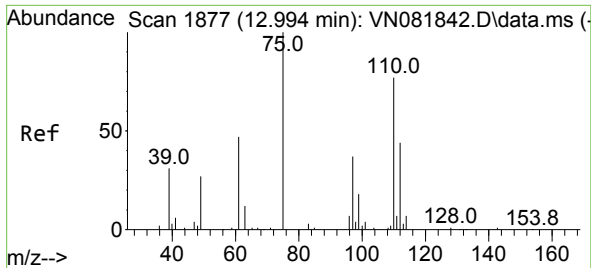
Ion Ratio Lower Upper

83 100

131 8.7 5.5 16.4

85 66.3 32.9 98.6

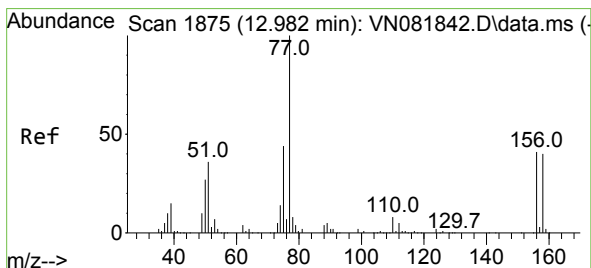
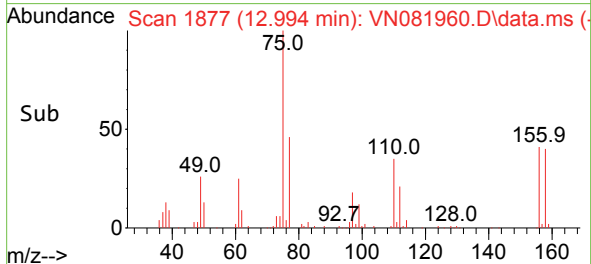
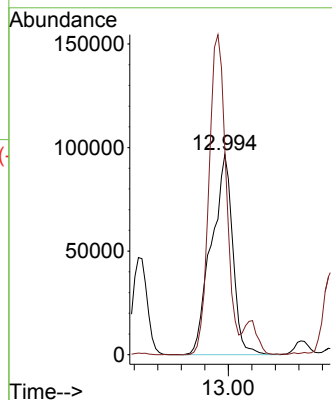
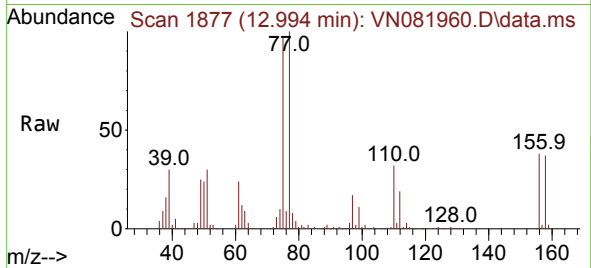




#76
1,2,3-Trichloropropane
Concen: 69.571 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

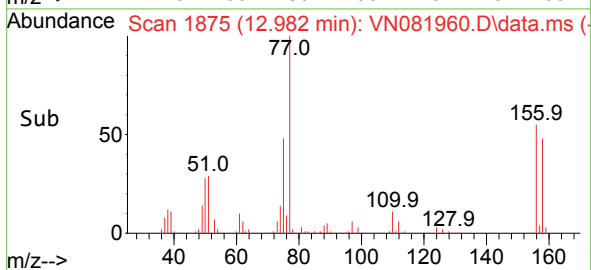
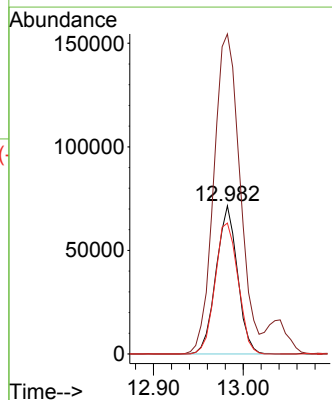
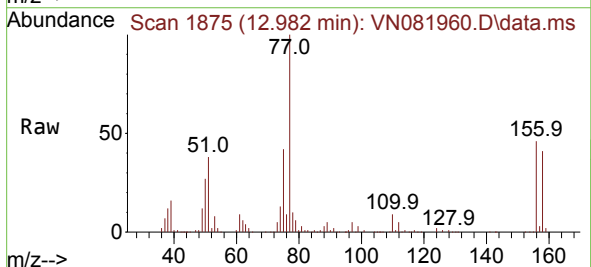
Instrument :
MSVOA_N
ClientSampleId :

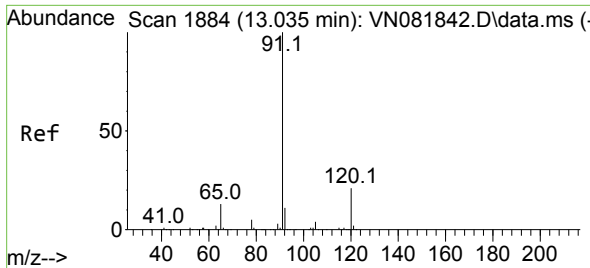
Tgt Ion: 75 Resp: 243748
Ion Ratio Lower Upper
75 100
77 128.1 90.5 271.3



#77
Bromobenzene
Concen: 47.108 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 156 Resp: 118435
Ion Ratio Lower Upper
156 100
77 263.7 100.2 300.6
158 95.0 49.1 147.3

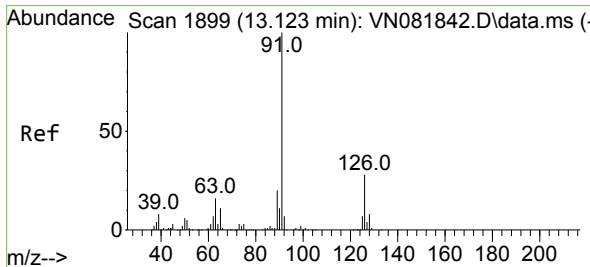
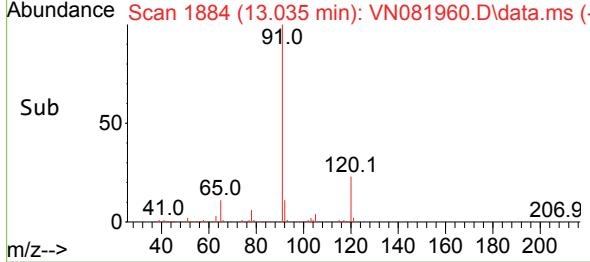
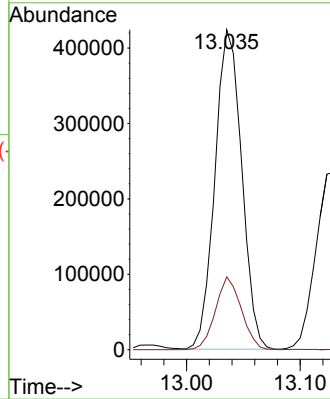
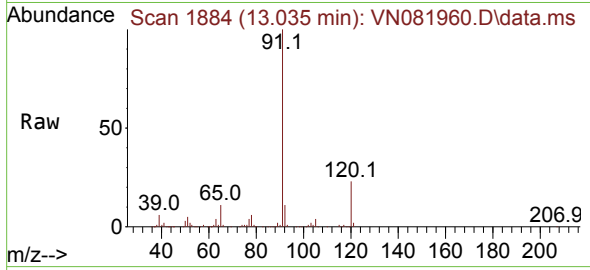




#78
n-propylbenzene
Concen: 47.547 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

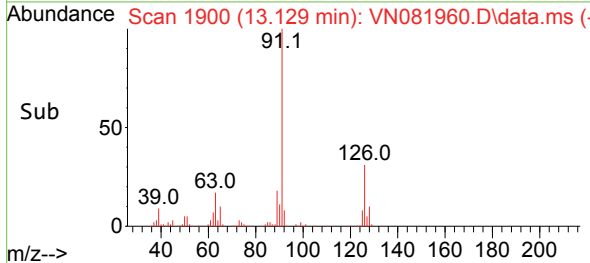
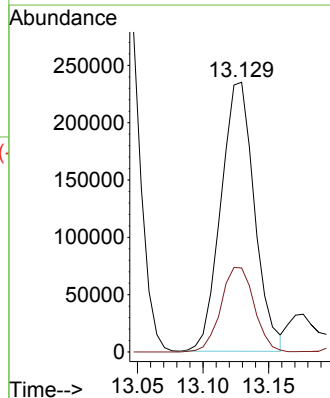
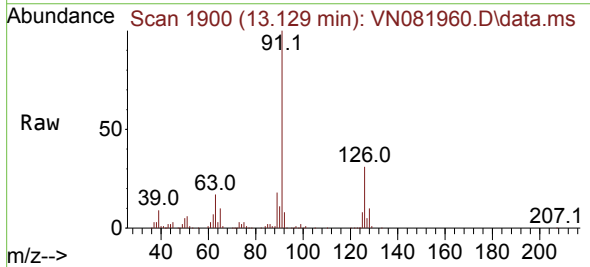
Instrument :
MSVOA_N
ClientSampleId :

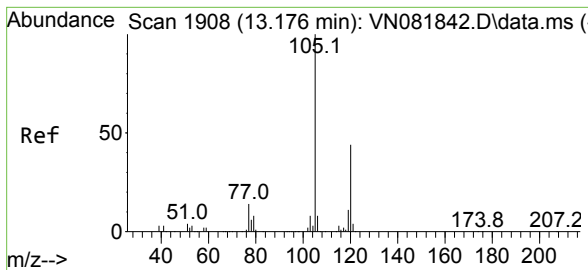
Tgt Ion: 91 Resp: 693876
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.0



#79
2-Chlorotoluene
Concen: 45.091 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 91 Resp: 418658
Ion Ratio Lower Upper
91 100
126 31.2 17.5 52.5

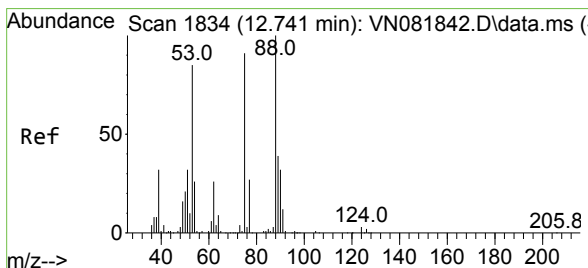
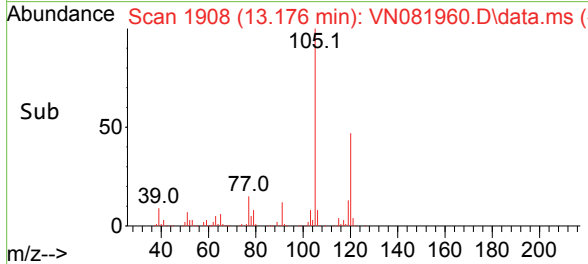
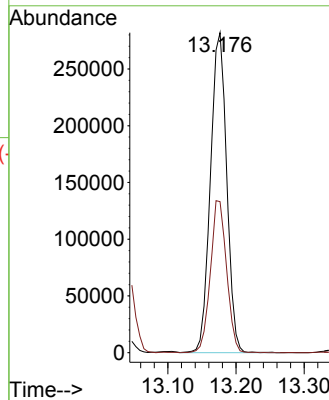
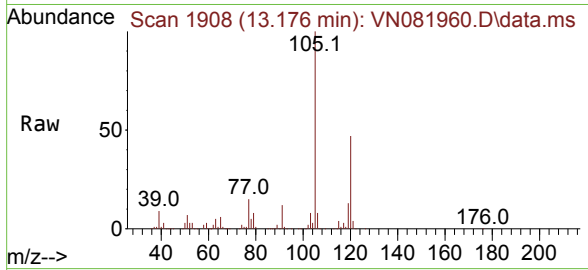




#80
 1,3,5-Trimethylbenzene
 Concen: 46.083 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

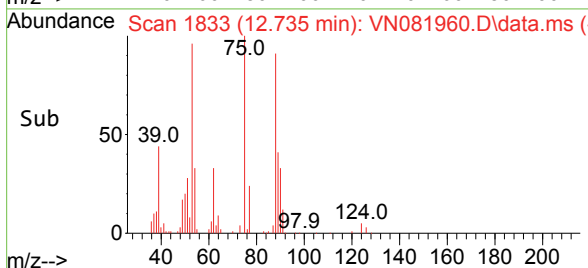
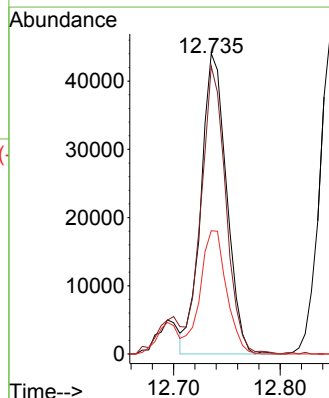
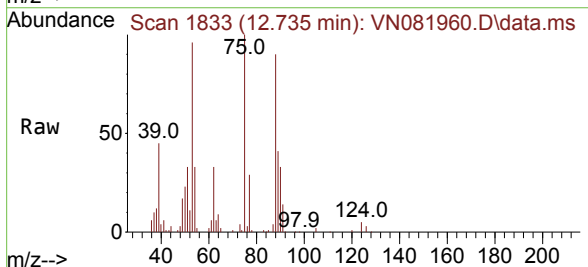
Instrument :
 MSVOA_N
 ClientSampleId :

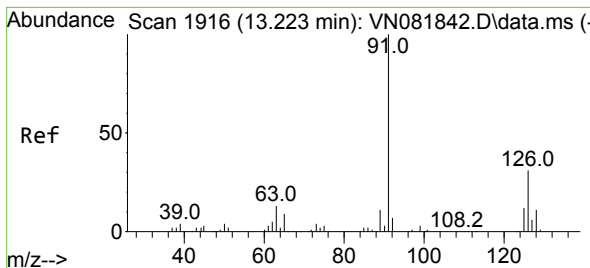
Tgt Ion:105 Resp: 468501
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.023 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Tgt Ion: 75 Resp: 73560
 Ion Ratio Lower Upper
 75 100
 53 90.8 72.9 109.3
 89 42.6 39.1 58.7

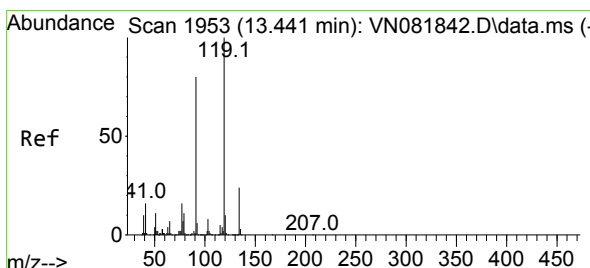
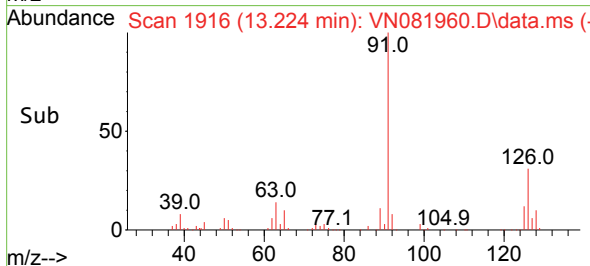
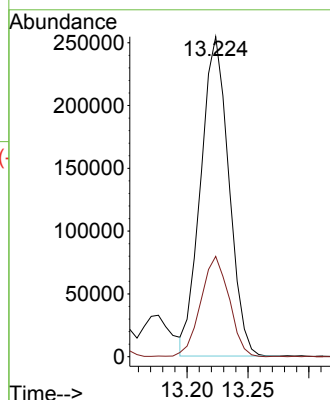
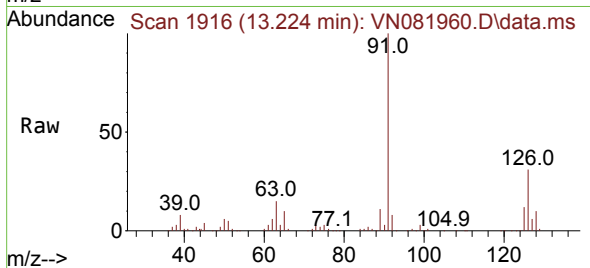




#82
4-Chlorotoluene
Concen: 45.364 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

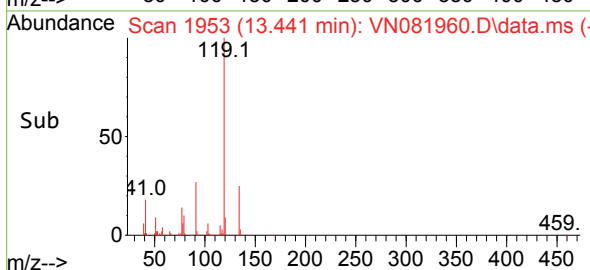
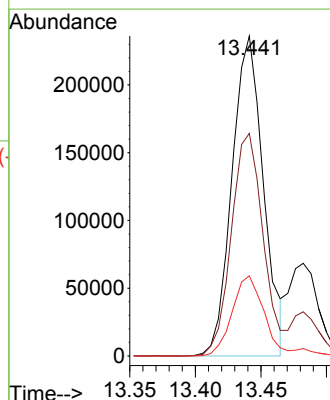
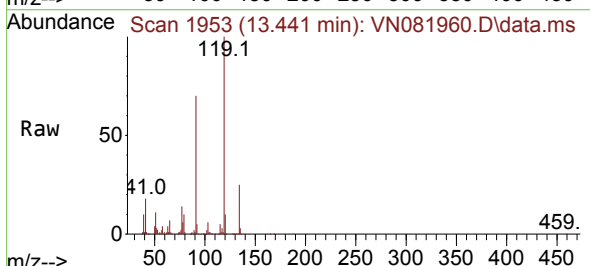
Instrument :
MSVOA_N
ClientSampleId :

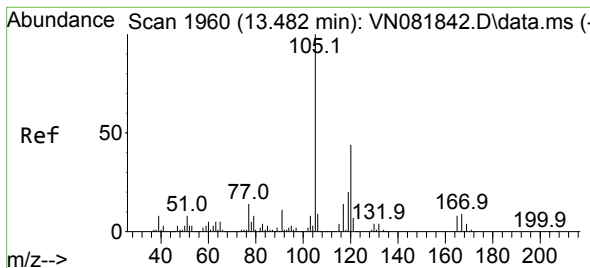
Tgt Ion: 91 Resp: 408922
Ion Ratio Lower Upper
91 100
126 31.8 17.4 52.3



#83
tert-Butylbenzene
Concen: 46.542 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

Tgt Ion: 119 Resp: 394040
Ion Ratio Lower Upper
119 100
91 71.5 32.6 97.8
134 26.6 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 45.384 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

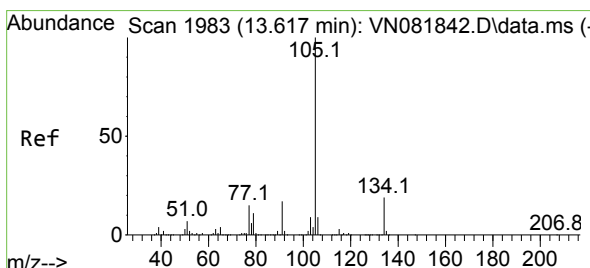
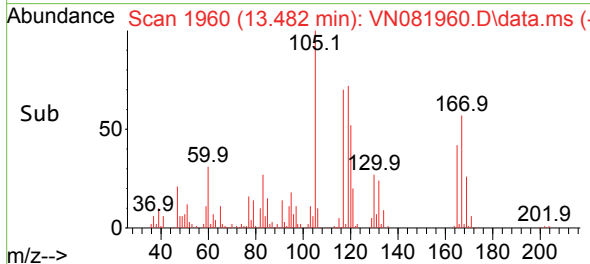
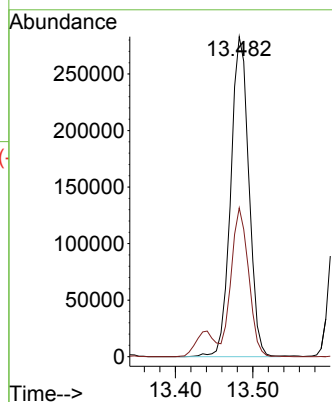
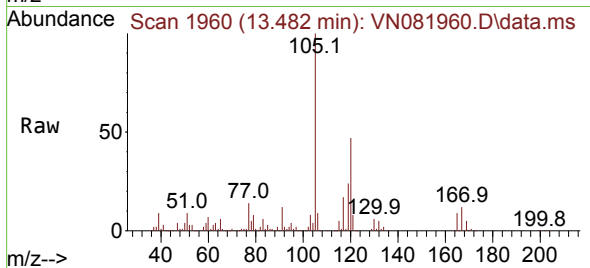
ClientSampleId :

Tgt Ion:105 Resp: 460773

Ion Ratio Lower Upper

105 100

120 44.4 22.9 68.7



#85

sec-Butylbenzene

Concen: 48.592 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081960.D

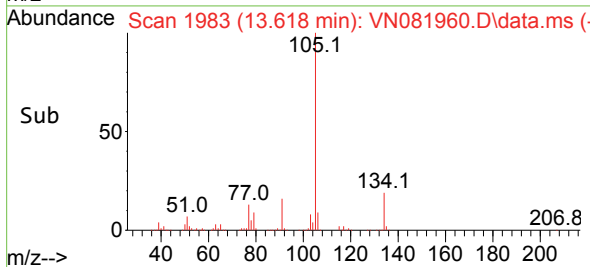
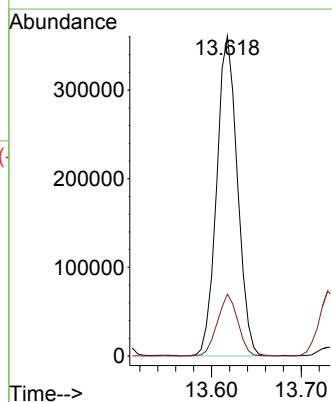
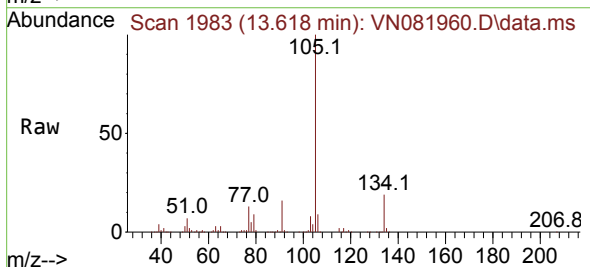
Acq: 01 May 2024 16:39

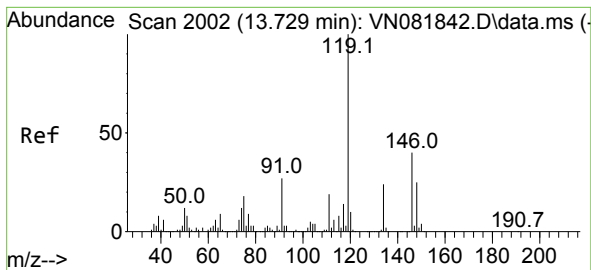
Tgt Ion:105 Resp: 579493

Ion Ratio Lower Upper

105 100

134 18.9 10.2 30.4





#86

p-Isopropyltoluene

Concen: 46.139 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

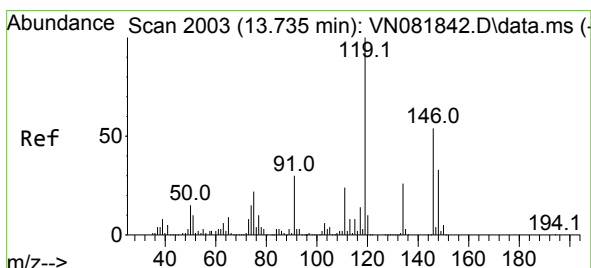
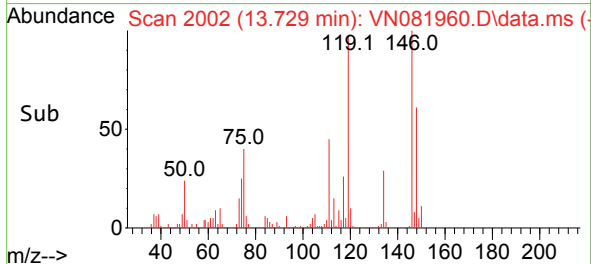
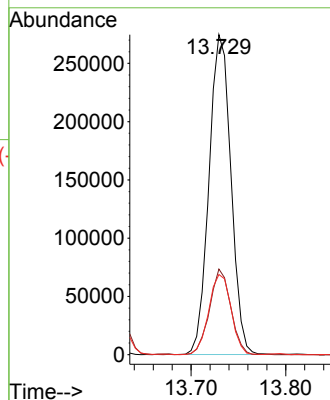
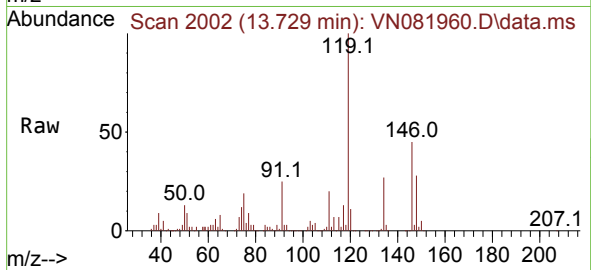
Tgt Ion:119 Resp: 441807

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 25.6 11.8 35.3



#87

1,3-Dichlorobenzene

Concen: 47.093 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

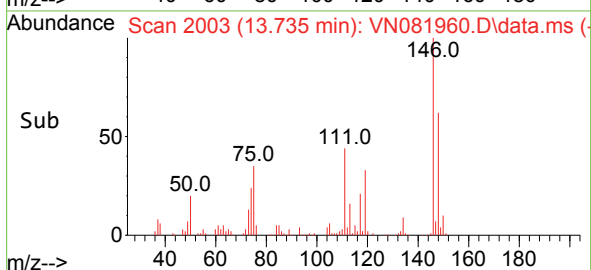
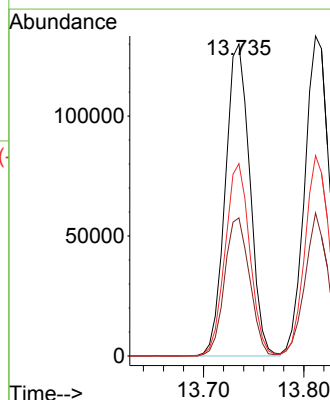
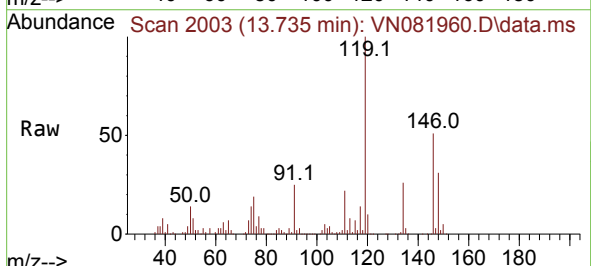
Tgt Ion:146 Resp: 220916

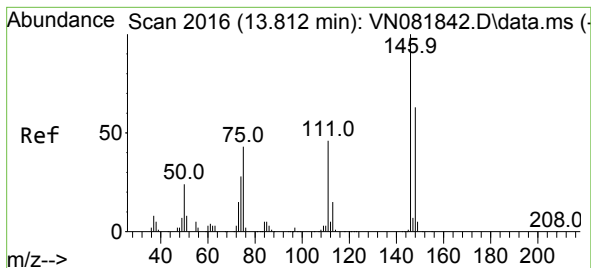
Ion Ratio Lower Upper

146 100

111 45.2 20.8 62.5

148 62.1 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 49.410 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

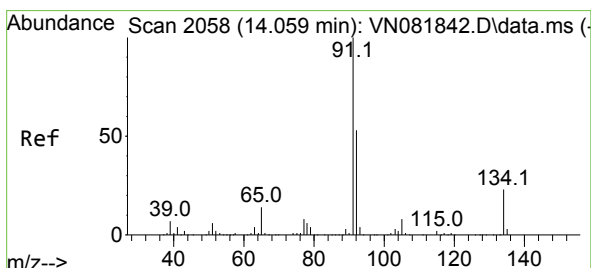
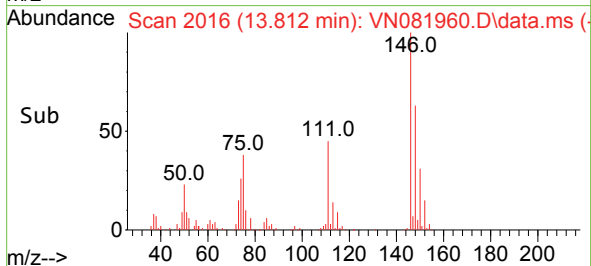
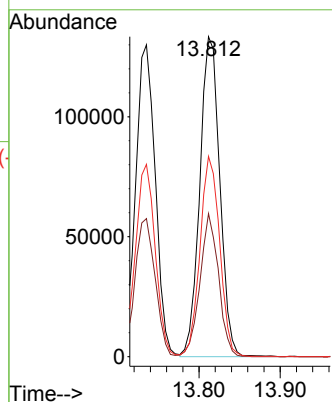
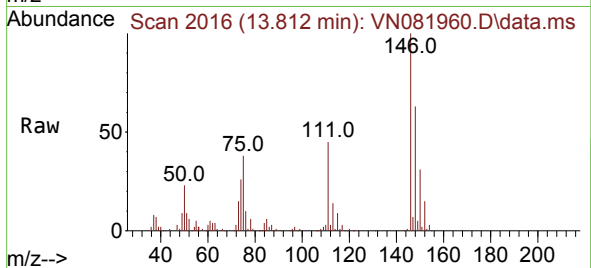
Tgt Ion:146 Resp: 228250

Ion Ratio Lower Upper

146 100

111 41.3 19.3 57.9

148 61.6 31.3 93.9



#89

n-Butylbenzene

Concen: 47.137 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

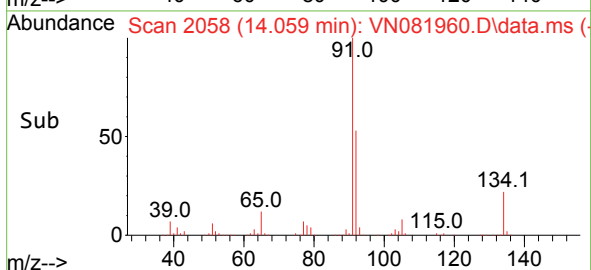
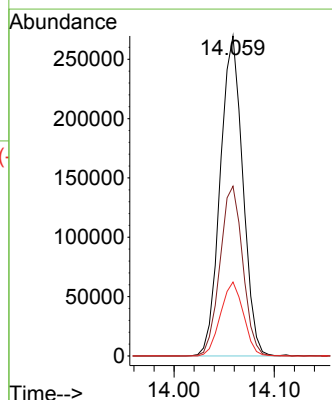
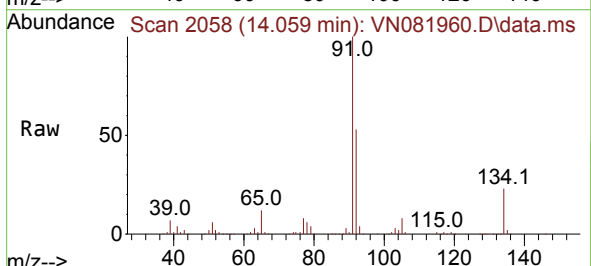
Tgt Ion: 91 Resp: 420133

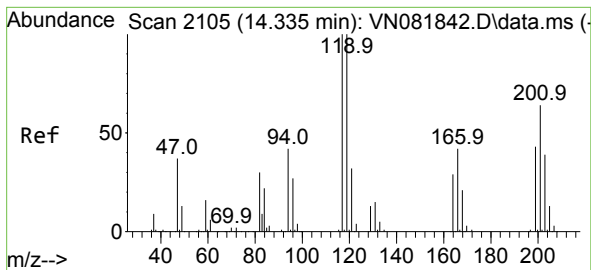
Ion Ratio Lower Upper

91 100

92 53.6 26.2 78.5

134 23.6 13.2 39.5





#90

Hexachloroethane

Concen: 46.427 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_N

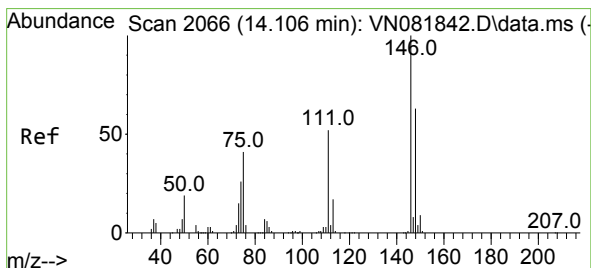
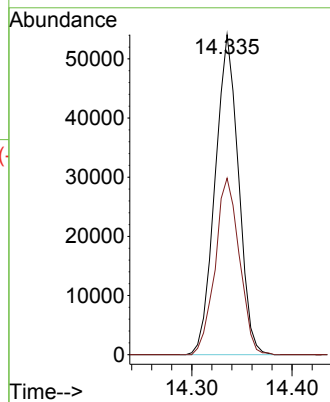
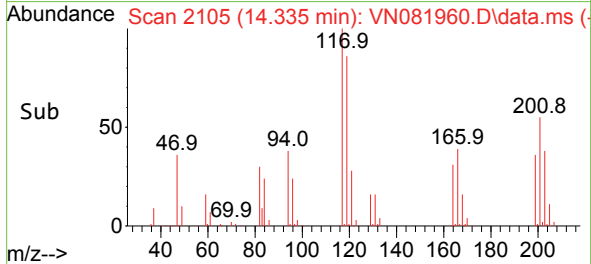
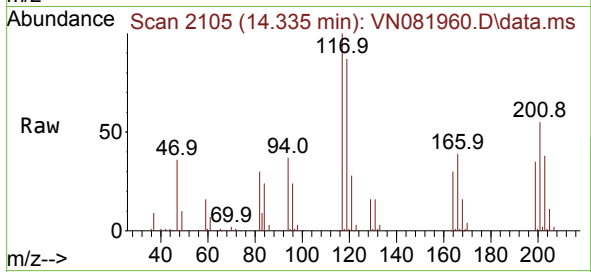
ClientSampleId :

Tgt Ion:117 Resp: 87453

Ion Ratio Lower Upper

117 100

201 57.2 33.3 99.8



#91

1,2-Dichlorobenzene

Concen: 49.855 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081960.D

Acq: 01 May 2024 16:39

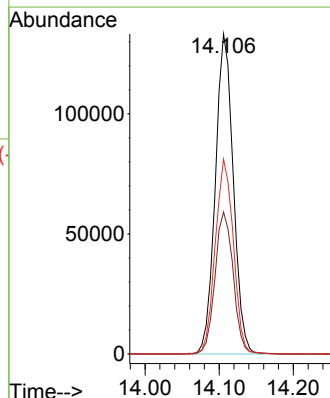
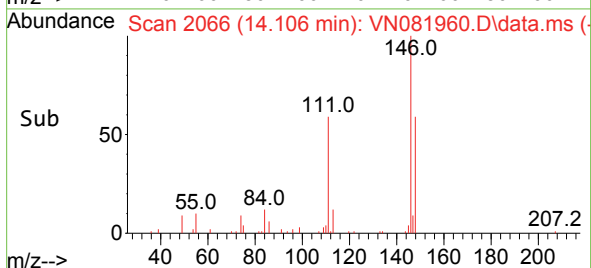
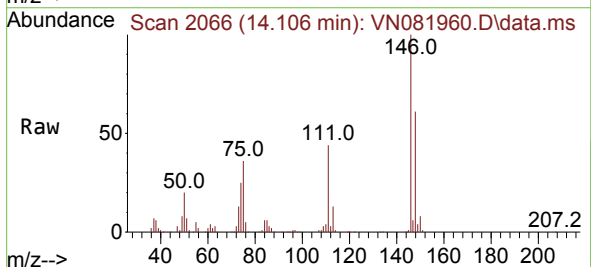
Tgt Ion:146 Resp: 224199

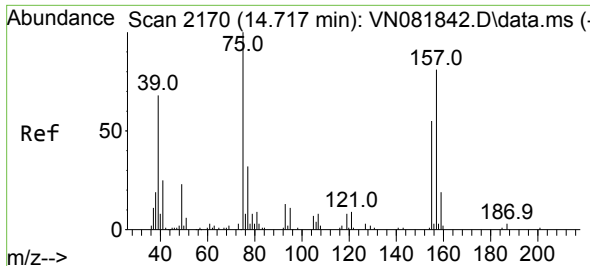
Ion Ratio Lower Upper

146 100

111 44.9 21.3 64.0

148 61.5 31.8 95.4

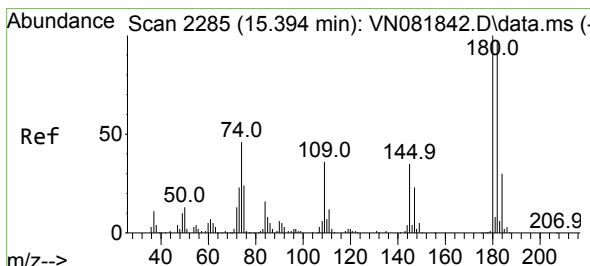
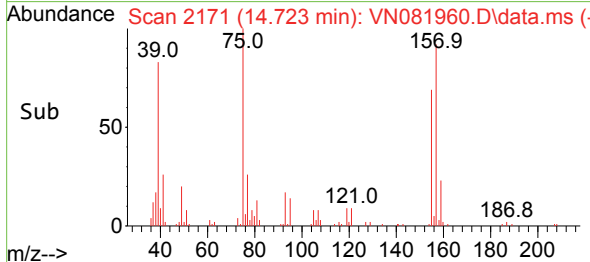
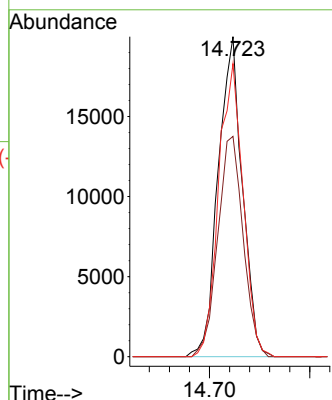
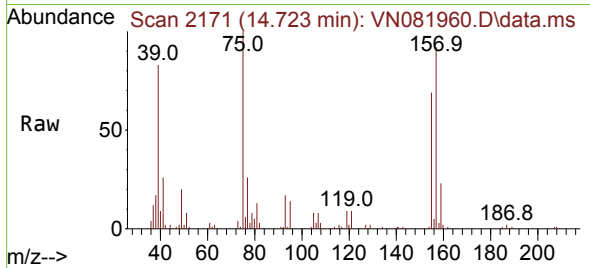




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.951 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

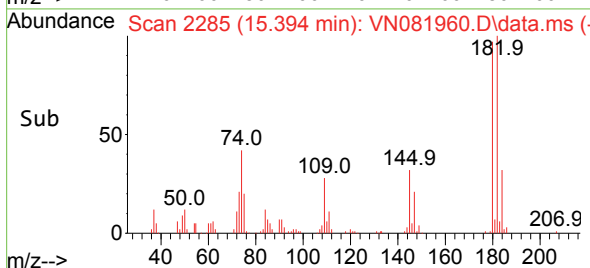
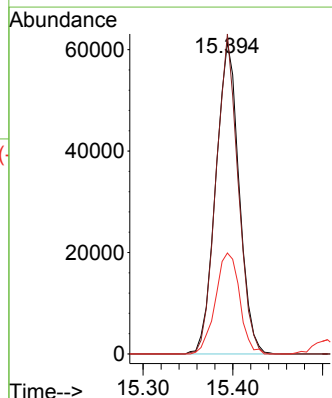
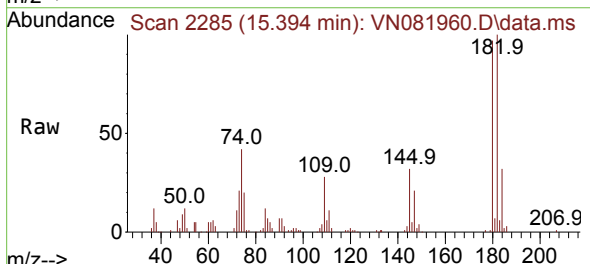
Instrument :
 MSVOA_N
 ClientSampleId :

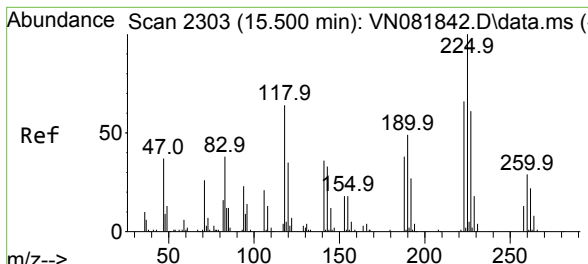
Tgt Ion: 75 Resp: 33335
 Ion Ratio Lower Upper
 75 100
 155 72.4 42.6 128.0
 157 92.7 53.0 159.0



#93
 1,2,4-Trichlorobenzene
 Concen: 44.051 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Tgt Ion: 180 Resp: 110828
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.7 140.0
 145 33.6 16.2 48.6

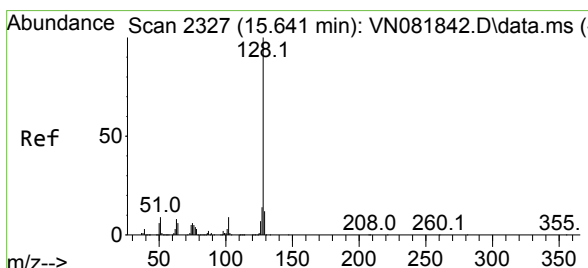
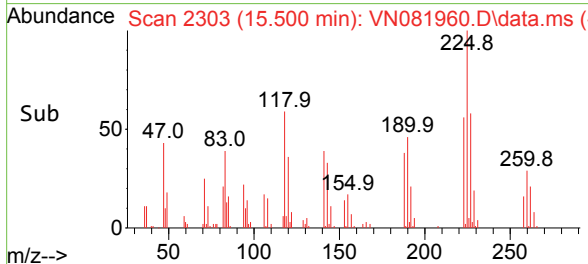
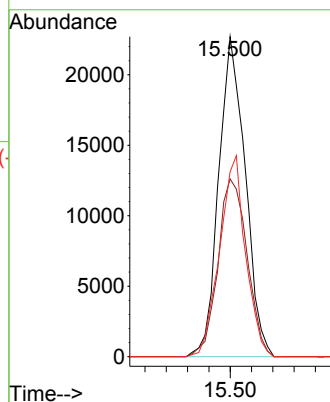
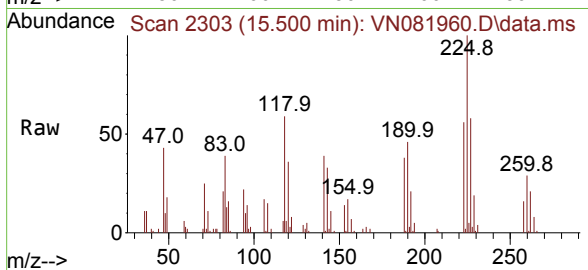




#94
Hexachlorobutadiene
Concen: 42.307 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

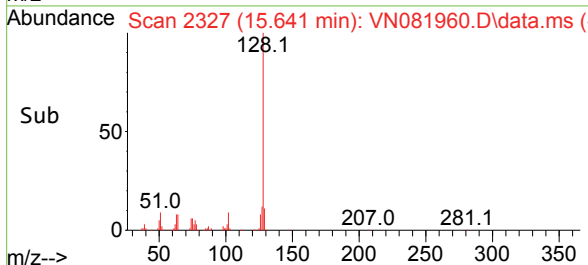
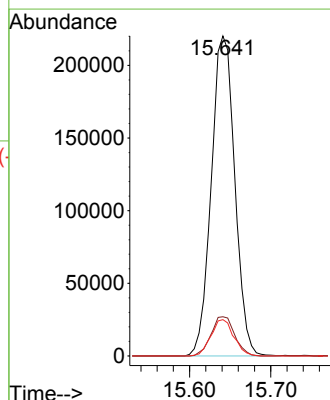
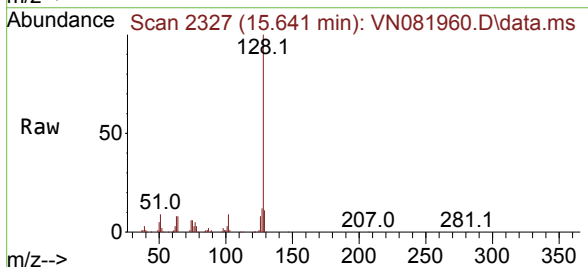
Instrument :
MSVOA_N
ClientSampleId :

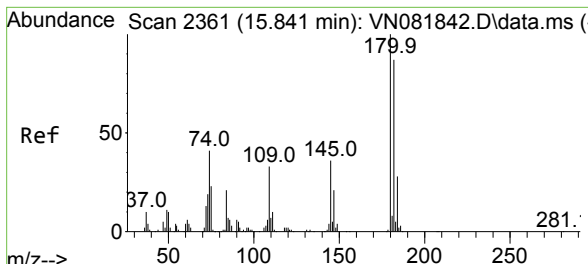
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.1	93.2
227	61.4	30.6	91.6



#95
Naphthalene
Concen: 46.657 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081960.D
Acq: 01 May 2024 16:39

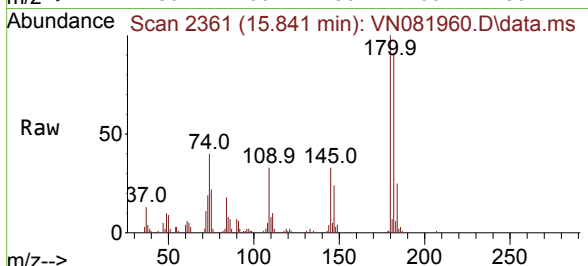
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.0	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 47.851 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081960.D
 Acq: 01 May 2024 16:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	115586
Ion Ratio	Lower	Upper	
180	100		
182	93.1	46.0	137.8
145	33.3	17.1	51.3

