

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081969.D
 Acq On : 02 May 2024 09:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 00:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	38887	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	239970	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	214947	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	102556	31.499	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.000%
60) 4-Bromofluorobenzene	12.853	95	102184	28.565	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.233%
63) Toluene-d8	10.571	98	303712	29.753	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.167%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	42658	19.325	ug/l	96
3) Chloromethane	2.359	50	50032	19.544	ug/l	96
4) Vinyl Chloride	2.518	62	46660	19.295	ug/l #	89
5) Bromomethane	2.953	94	23282	18.450	ug/l	86
6) Chloroethane	3.118	64	26117	19.072	ug/l	90
7) Trichlorofluoromethane	3.500	101	64370	18.190	ug/l	99
8) Diethyl Ether	3.959	74	33492	19.551	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	44171	18.208	ug/l	92
10) 1,1-Dichloroethene	4.342	96	45706	19.258	ug/l	91
11) Methyl Iodide	4.583	142	37037	17.076	ug/l	89
12) Methyl Acetate	5.024	43	62812	21.136	ug/l #	80
13) Acrolein	4.183	56	46501	73.624	ug/l	99
14) Acrylonitrile	5.718	53	144032	106.193	ug/l	96
15) Acetone	4.424	58	32244	106.091	ug/l	94
16) Carbon Disulfide	4.712	76	121778	18.520	ug/l	99
17) Allyl chloride	5.018	41	84271	20.224	ug/l	85
18) Methylene Chloride	5.277	84	54865	20.317	ug/l	87
19) trans-1,2-Dichloroethene	5.783	96	47189	19.101	ug/l	94
20) Diisopropyl ether	6.671	45	184671	20.031	ug/l #	94
21) 1,1-Dichloroethane	6.565	63	96138	19.694	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	58642	19.479	ug/l #	84
23) tert-Butyl Alcohol	5.518	59	60353	108.028	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	165686	19.364	ug/l #	90
25) Chloroform	7.965	83	90517	19.274	ug/l	90
26) Cyclohexane	8.265	56	84009	19.901	ug/l #	85
29) 1,1-Dichloropropene	8.377	75	65754	18.405	ug/l	98
30) 2-Butanone	7.483	43	185806	100.896	ug/l	94
31) 2,2-Dichloropropane	7.488	77	78953	21.565	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	74329	18.090	ug/l #	93
33) Carbon Tetrachloride	8.365	117	60950	18.278	ug/l	98
34) Benzene	8.606	78	217686	19.100	ug/l	95
35) Methacrylonitrile	7.777	41	45302	19.444	ug/l	91
36) 1,2-Dichloroethane	8.671	62	69074	18.054	ug/l	99
37) Trichloroethene	9.353	130	48579	17.402	ug/l	96
38) Methylcyclohexane	9.606	83	81551	18.896	ug/l	97
39) 1,2-Dichloropropane	9.624	63	57380	19.621	ug/l	93
40) Dibromomethane	9.706	93	36300	19.322	ug/l	88
41) Bromodichloromethane	9.888	83	73499	18.304	ug/l #	92
42) Vinyl Acetate	6.606	43	738280	94.189	ug/l	96

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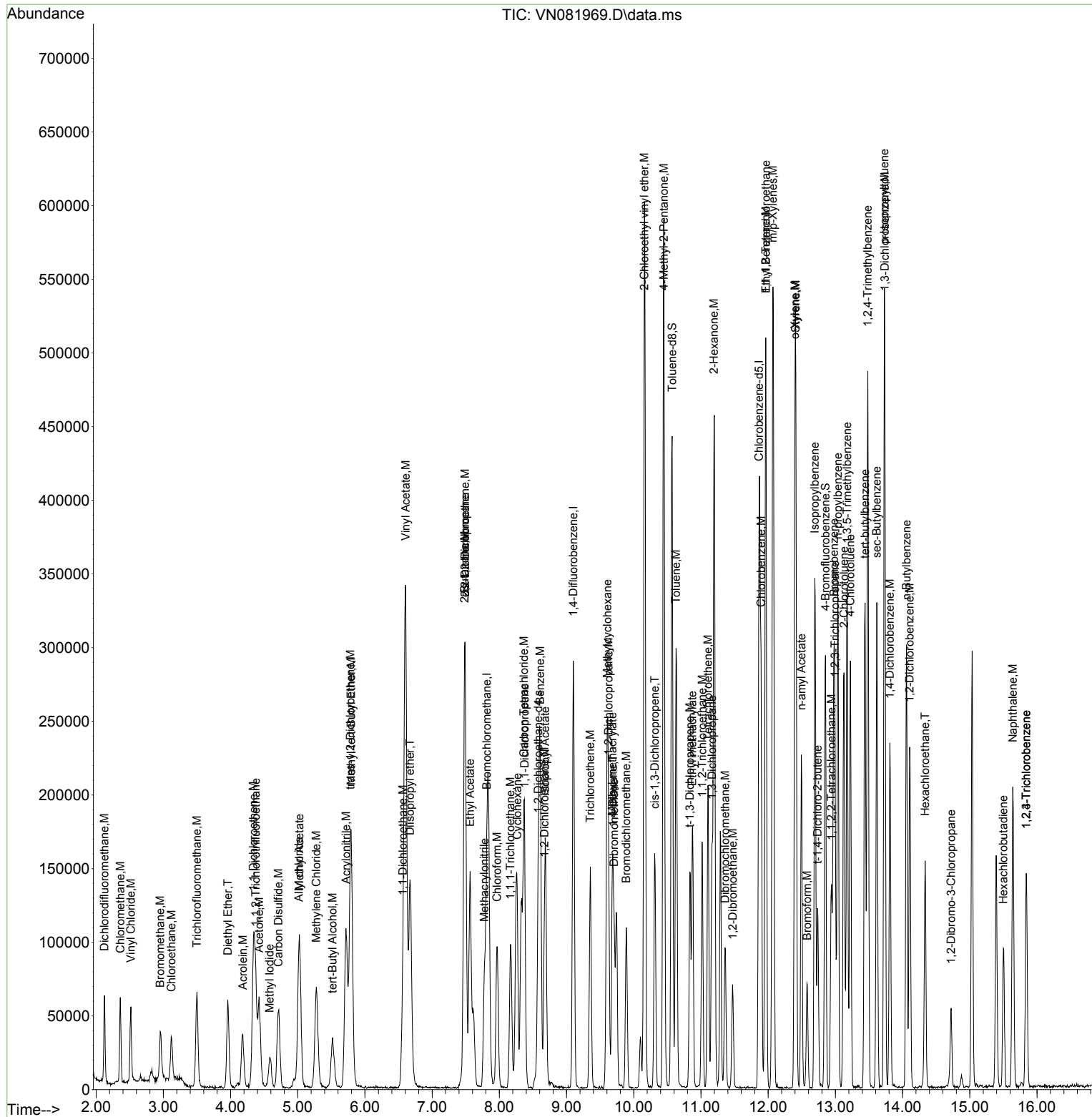
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	73488	18.303	ug/l	98
44) Isopropyl Acetate	8.682	43	136016	19.081	ug/l	93
45) 1,4-Dioxane	9.694	88	22470	393.062	ug/l	92
46) Methyl methacrylate	9.682	41	63780	19.585	ug/l	80
47) n-amyl Acetate	12.494	43	121716	18.931	ug/l #	87
48) t-1,3-Dichloropropene	10.835	75	80788	18.553	ug/l	90
49) cis-1,3-Dichloropropene	10.312	75	91109	19.789	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	48912	19.190	ug/l	91
51) Ethyl methacrylate	10.871	69	94728	19.692	ug/l	84
52) 1,3-Dichloropropane	11.165	76	90221	19.267	ug/l	98
53) Dibromochloromethane	11.359	129	51601	18.607	ug/l	98
54) 1,2-Dibromoethane	11.470	107	48270	18.989	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	271285	112.775	ug/l	97
56) Bromoform	12.582	173	31323	18.559	ug/l #	91
58) 4-Methyl-2-Pentanone	10.447	43	406970	97.510	ug/l #	86
59) 2-Hexanone	11.194	43	309038	99.867	ug/l #	88
61) Tetrachloroethene	11.106	164	39698	16.644	ug/l	92
62) Toluene	10.629	91	222301	18.381	ug/l	100
64) Chlorobenzene	11.894	112	139434	18.849	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	43960	18.157	ug/l	94
66) Ethyl Benzene	11.965	91	245182	18.495	ug/l	97
67) m/p-Xylenes	12.070	106	180979	36.821	ug/l	98
68) o-Xylene	12.400	106	92622	19.046	ug/l	94
69) Styrene	12.412	104	152254	18.651	ug/l	99
70) Isopropylbenzene	12.694	105	226586	18.346	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	70362	19.797	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	98470	29.635	ug/l	58
73) Bromobenzene	12.982	156	47527	17.977	ug/l	82
74) n-propylbenzene	13.035	91	271930	18.662	ug/l	100
75) 2-Chlorotoluene	13.129	91	165258	18.333	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	186092	18.615	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	27923	18.880	ug/l	95
78) 4-Chlorotoluene	13.223	91	162304	18.379	ug/l	98
79) tert-butylbenzene	13.441	119	157722	18.324	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	185839	18.507	ug/l	97
81) sec-Butylbenzene	13.617	105	231750	19.208	ug/l	97
82) p-Isopropyltoluene	13.729	119	175572	18.402	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	88643	18.621	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	87601	18.308	ug/l	98
85) n-Butylbenzene	14.059	91	164564	18.883	ug/l	97
86) Hexachloroethane	14.335	117	34452	18.110	ug/l	74
87) 1,2-Dichlorobenzene	14.106	146	89801	18.940	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	14261	17.881	ug/l	86
89) 1,2,4-Trichlorobenzene	15.841	180	45512	17.433	ug/l	98
90) Hexachlorobutadiene	15.500	225	15969	16.516	ug/l	95
91) Naphthalene	15.641	128	179382	18.075	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	45512	17.433	ug/l	98

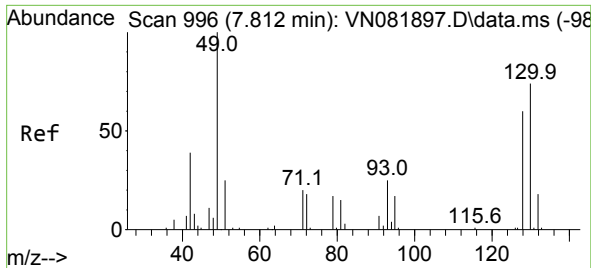
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

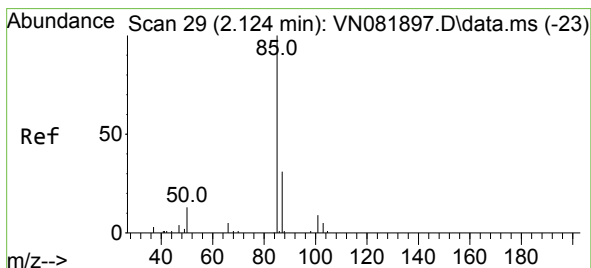
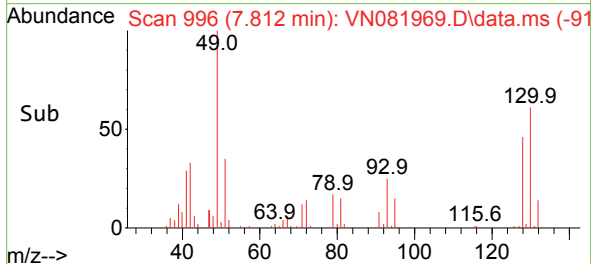
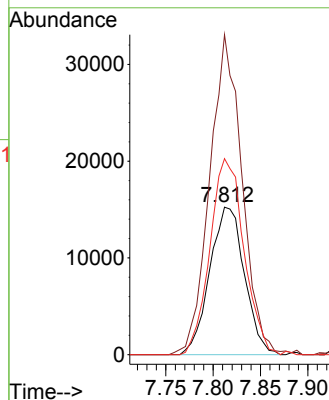
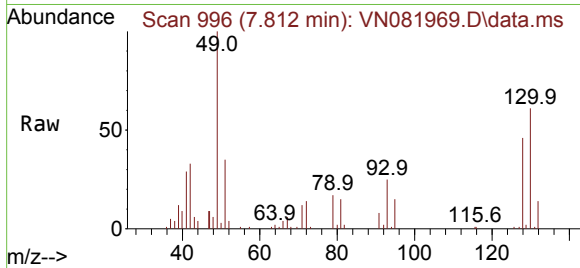
Tgt Ion:128 Resp: 38887

Ion Ratio Lower Upper

128 100

49 202.0 0.0 403.7

130 130.4 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 19.325 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081969.D

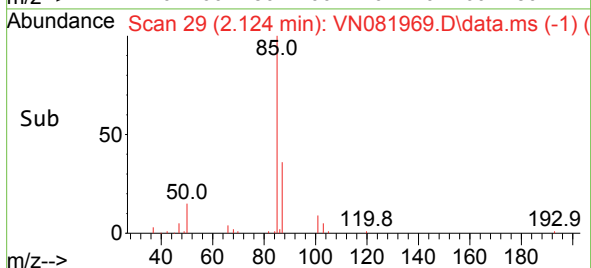
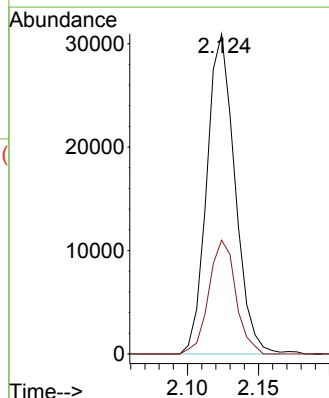
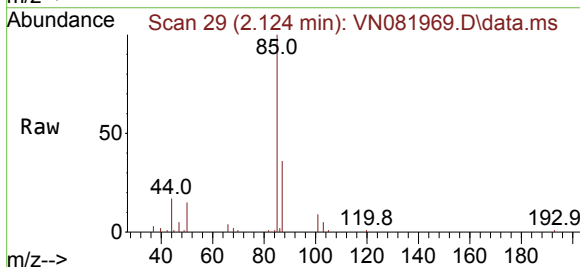
Acq: 02 May 2024 09:25

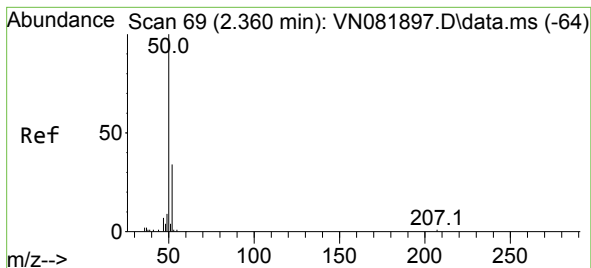
Tgt Ion: 85 Resp: 42658

Ion Ratio Lower Upper

85 100

87 35.5 16.8 50.3





#3

Chloromethane

Concen: 19.544 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

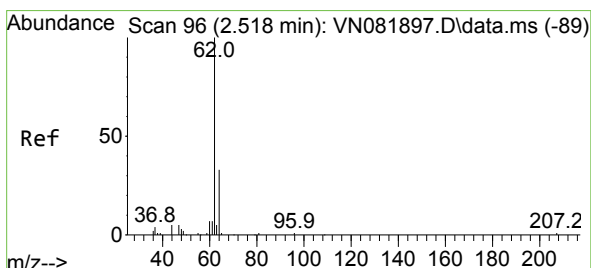
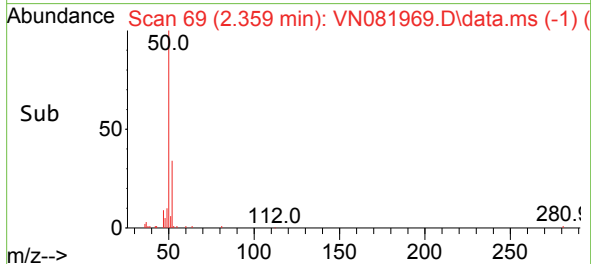
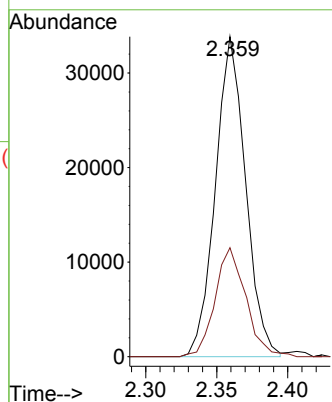
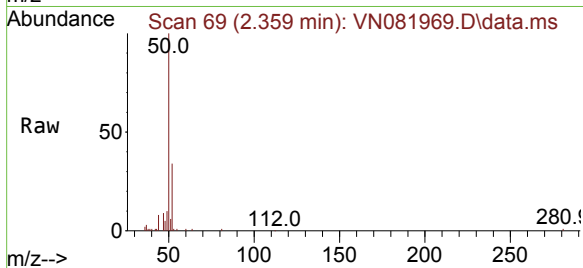
ClientSampleId :

Tgt Ion: 50 Resp: 50032

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.0



#4

Vinyl Chloride

Concen: 19.295 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081969.D

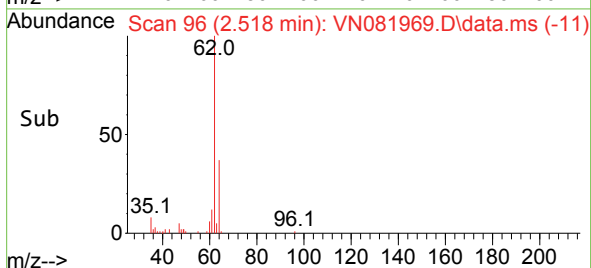
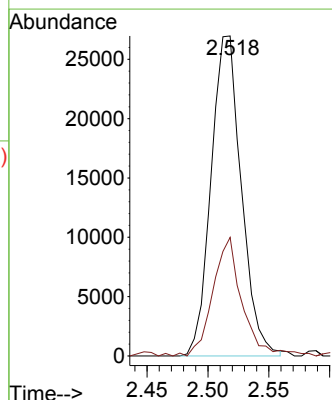
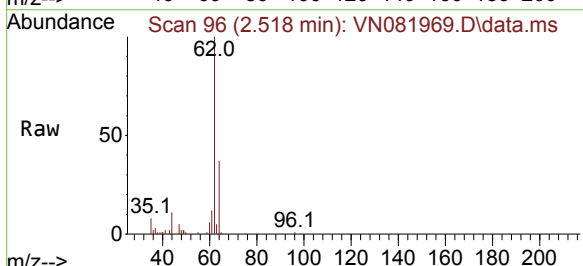
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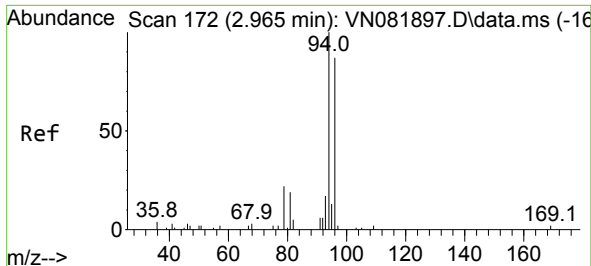
Tgt Ion: 62 Resp: 46660

Ion Ratio Lower Upper

62 100

64 36.1 24.1 36.1#

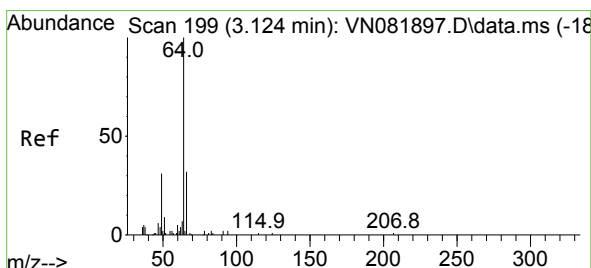
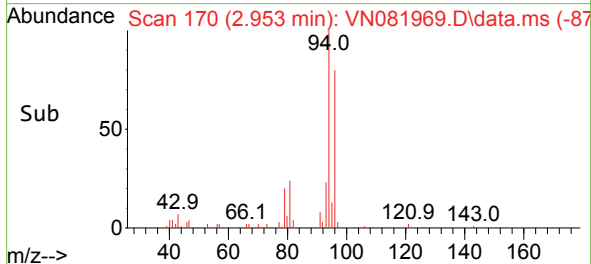
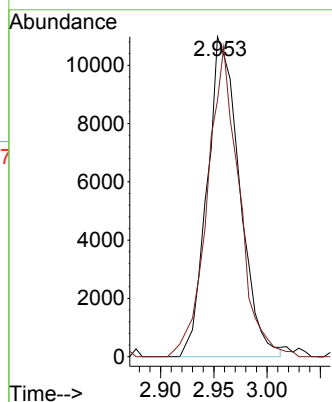
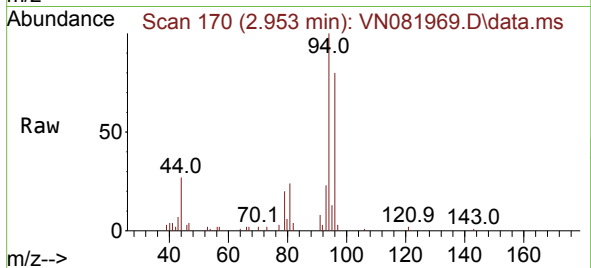




#5
Bromomethane
Concen: 18.450 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN081969.D
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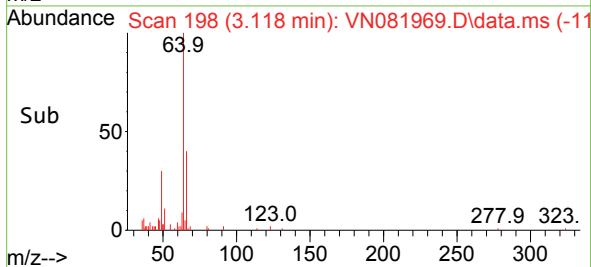
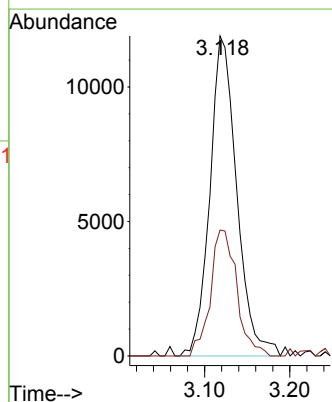
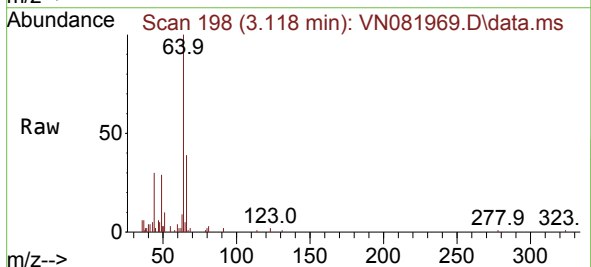
Instrument :
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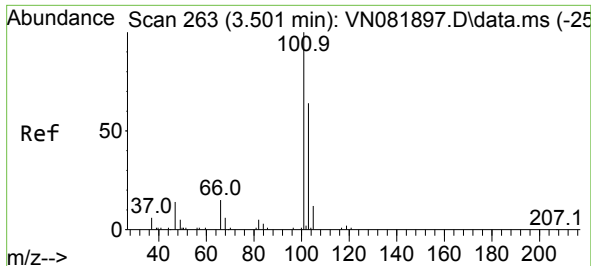
Tgt Ion: 94 Resp: 23282
Ion Ratio Lower Upper
94 100
96 77.8 72.8 109.2



#6
Chloroethane
Concen: 19.072 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

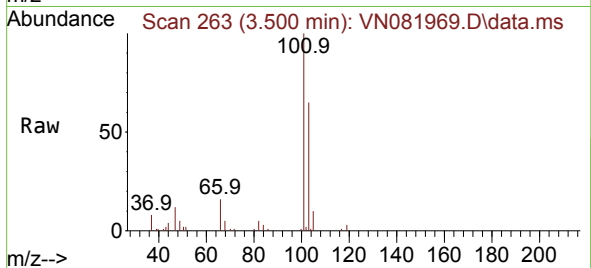
Tgt Ion: 64 Resp: 26117
Ion Ratio Lower Upper
64 100
66 39.3 26.7 40.1



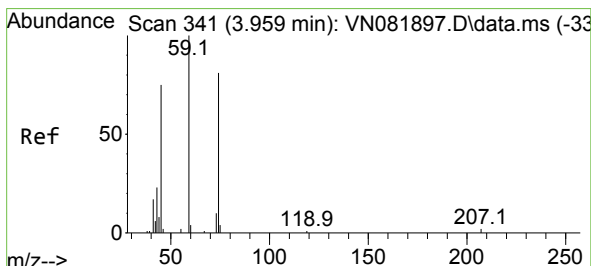
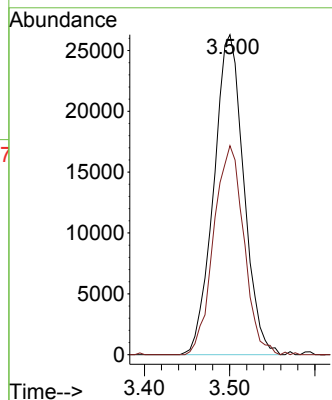
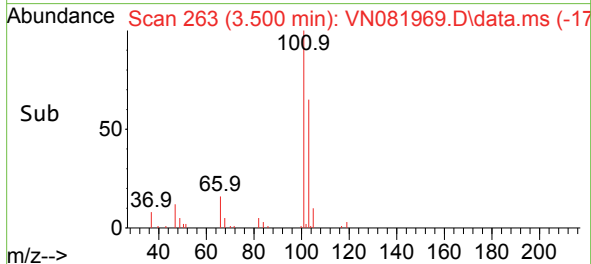


#7
 Trichlorofluoromethane
 Concen: 18.190 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081969.D
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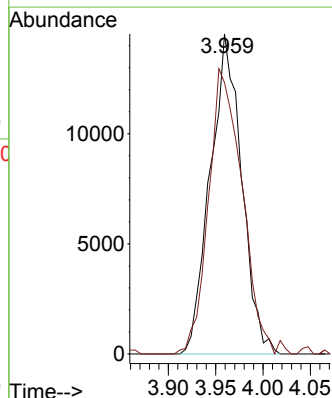
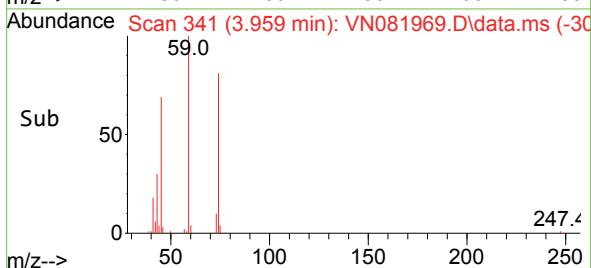
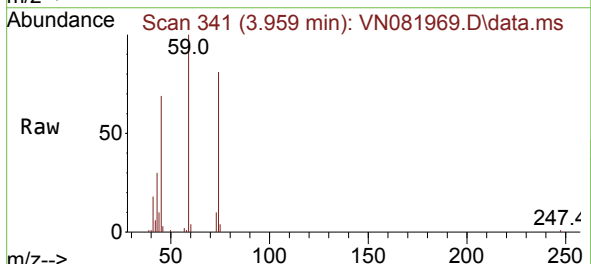


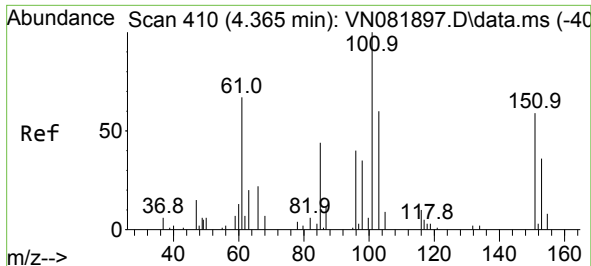
Tgt Ion:101 Resp: 64370
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.551 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Tgt Ion: 74 Resp: 33492
 Ion Ratio Lower Upper
 74 100
 45 94.8 16.4 147.4

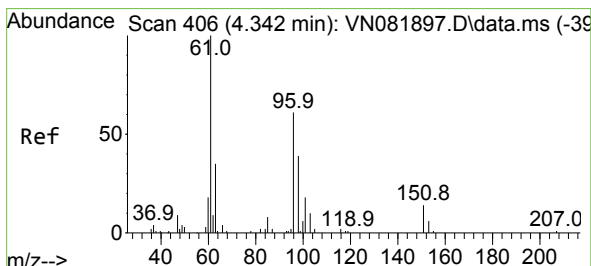
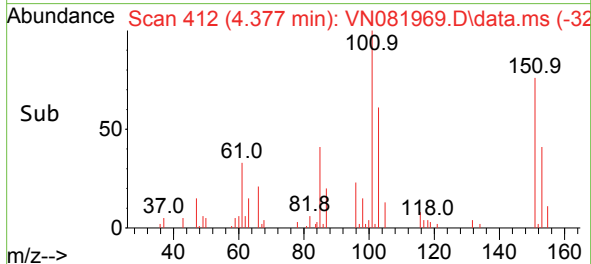
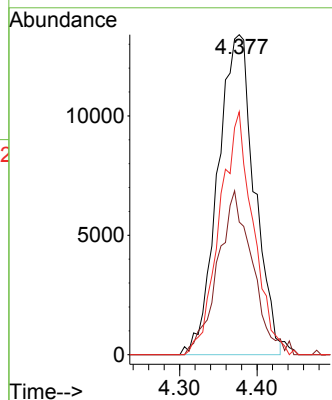
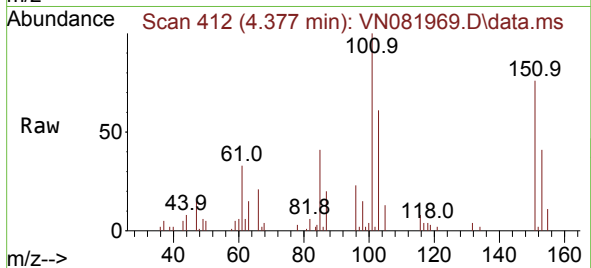




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.208 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081969.D
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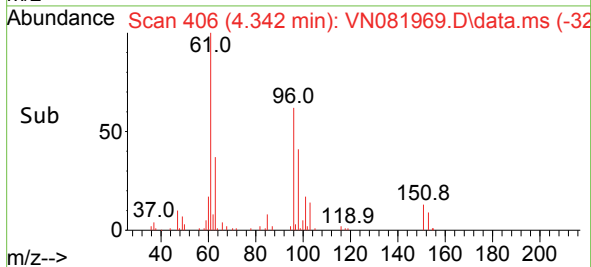
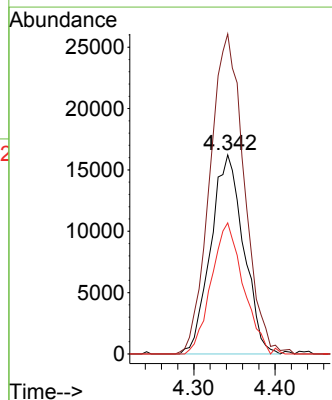
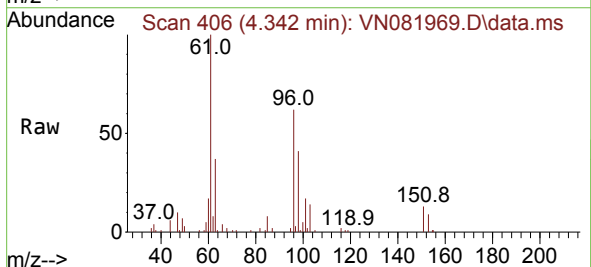
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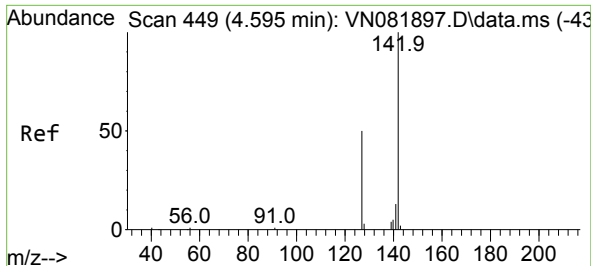
Tgt Ion:101 Resp: 44171
Ion Ratio Lower Upper
101 100
85 47.5 0.0 90.6
151 69.5 0.0 157.6



#10
1,1-Dichloroethene
Concen: 19.258 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

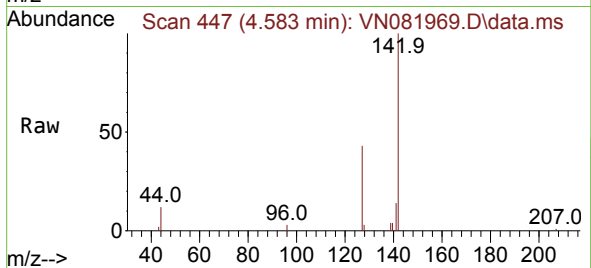
Tgt Ion: 96 Resp: 45706
Ion Ratio Lower Upper
96 100
61 159.7 117.6 176.4
98 65.8 48.4 72.6



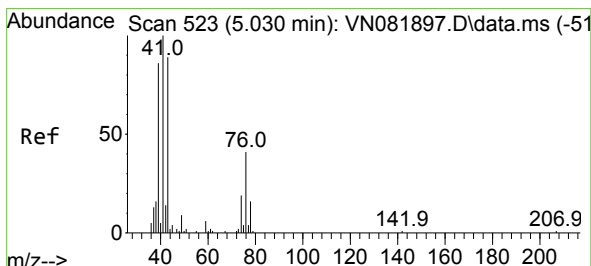
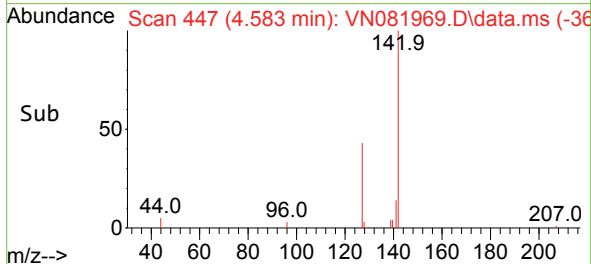
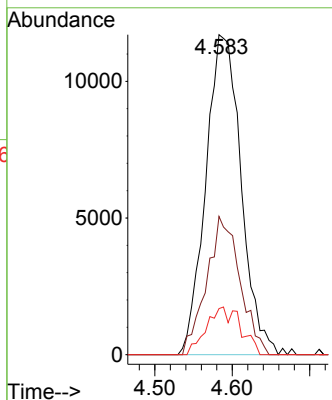


#11
Methyl Iodide
Concen: 17.076 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

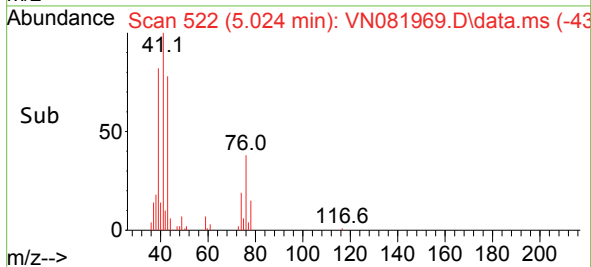
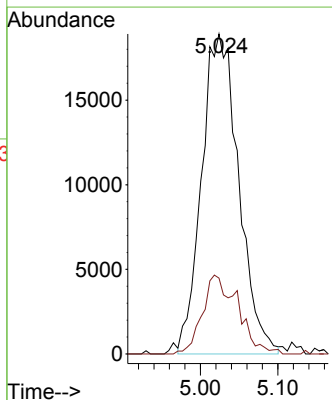
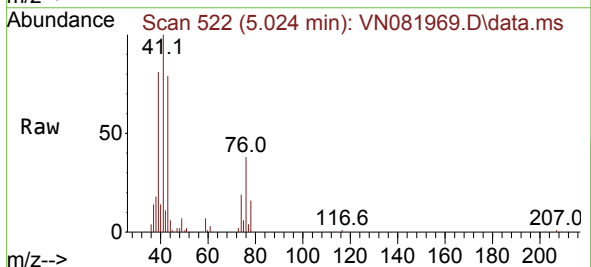


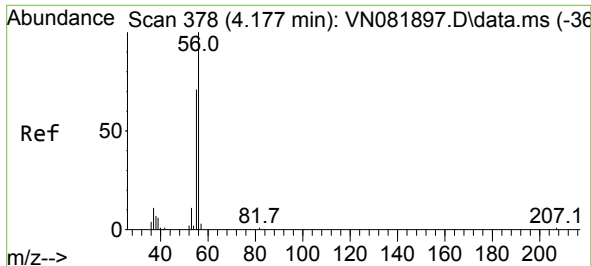
Tgt Ion:142 Resp: 37037
Ion Ratio Lower Upper
142 100
127 43.2 26.3 78.9
141 14.4 8.3 24.9



#12
Methyl Acetate
Concen: 21.136 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 43 Resp: 62812
Ion Ratio Lower Upper
43 100
74 23.0 27.7 41.5#





#13

Acrolein

Concen: 73.624 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

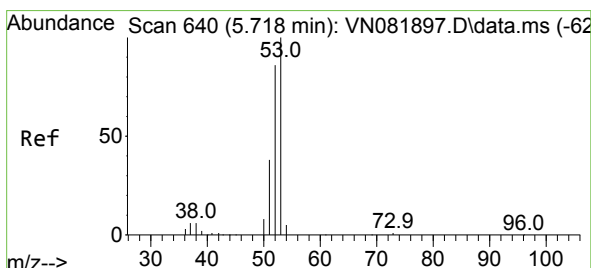
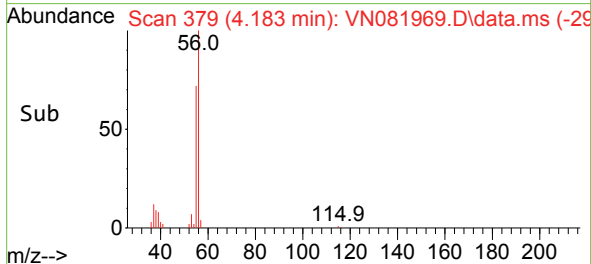
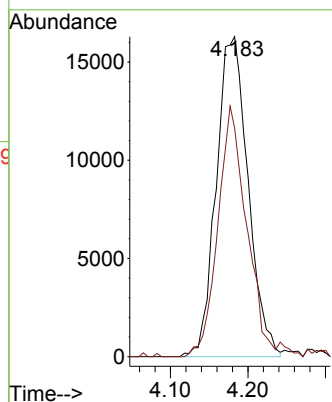
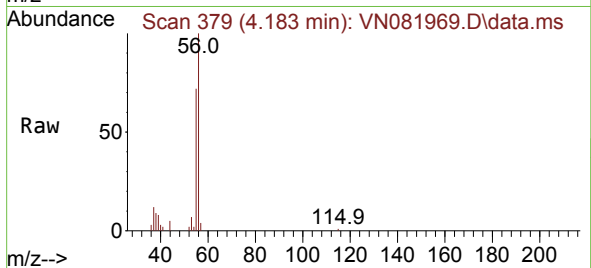
ClientSampleId :

Tgt Ion: 56 Resp: 46501

Ion Ratio Lower Upper

56 100

55 70.3 55.5 83.3



#14

Acrylonitrile

Concen: 106.193 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

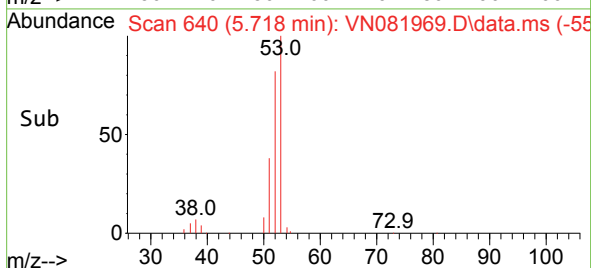
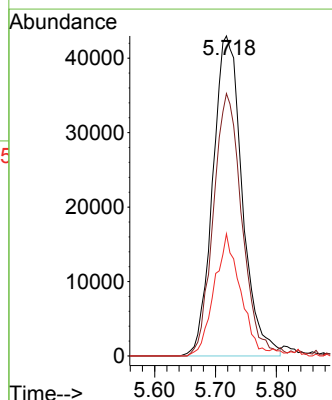
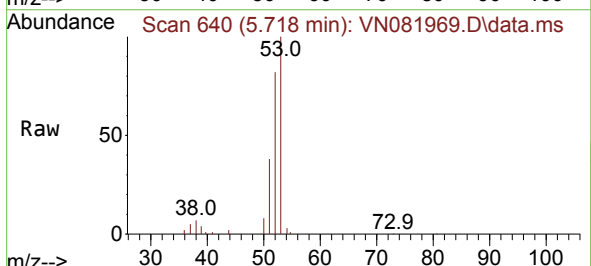
Tgt Ion: 53 Resp: 144032

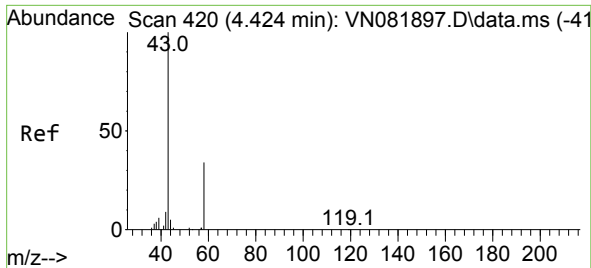
Ion Ratio Lower Upper

53 100

52 78.1 41.3 123.9

51 33.6 16.8 50.3

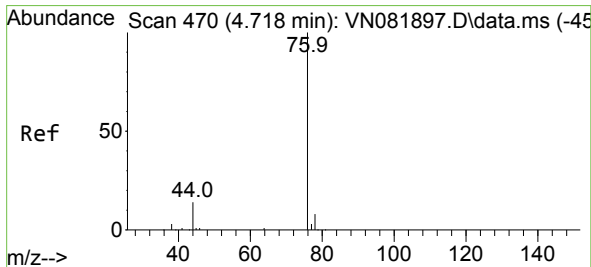
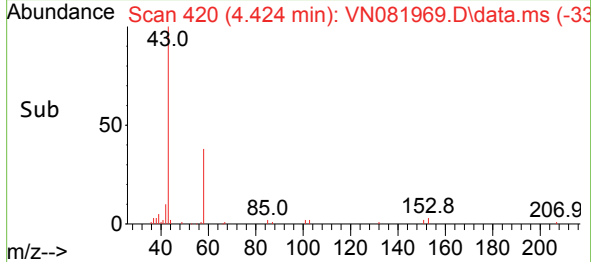
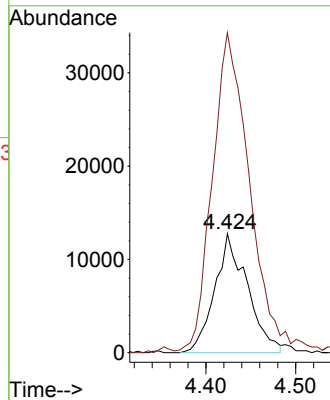
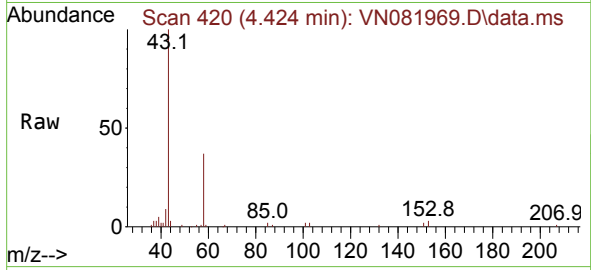




#15
Acetone
Concen: 106.091 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

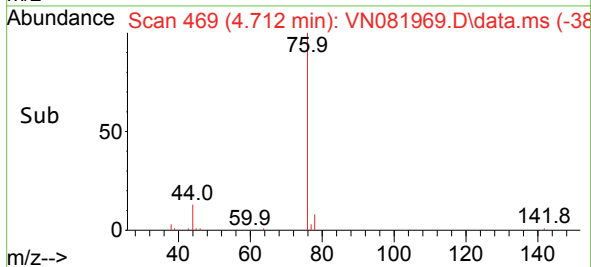
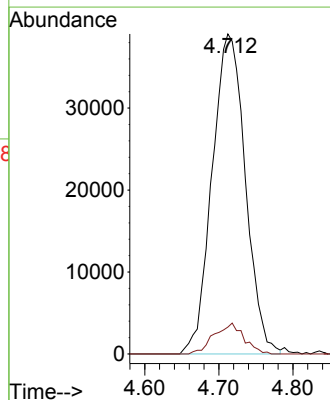
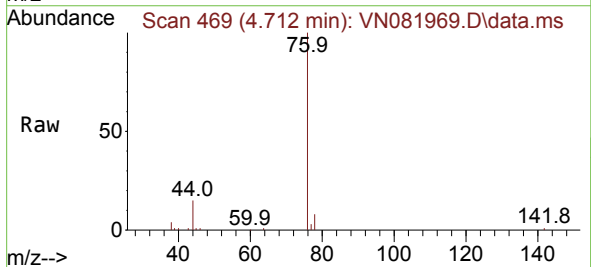
Instrument :
MSVOA_N
ClientSampleId :

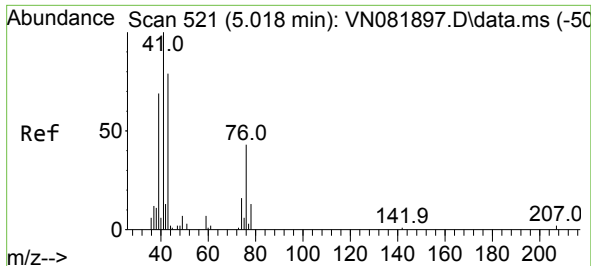
Tgt Ion: 58 Resp: 32244
Ion Ratio Lower Upper
58 100
43 266.8 223.1 334.7



#16
Carbon Disulfide
Concen: 18.520 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

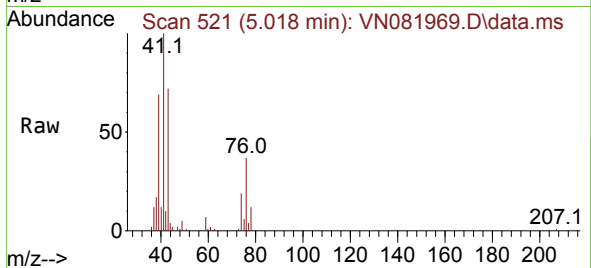
Tgt Ion: 76 Resp: 121778
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5



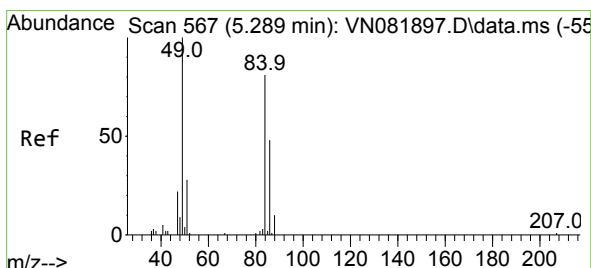
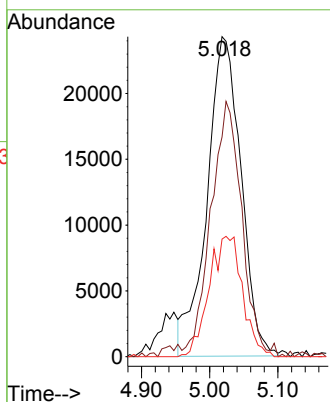
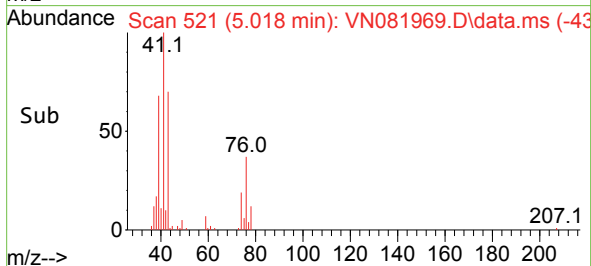


#17
 Allyl chloride
 Concen: 20.224 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Instrument :
 MSVOA_N
 ClientSampleId :

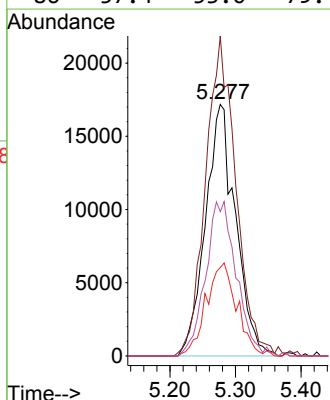
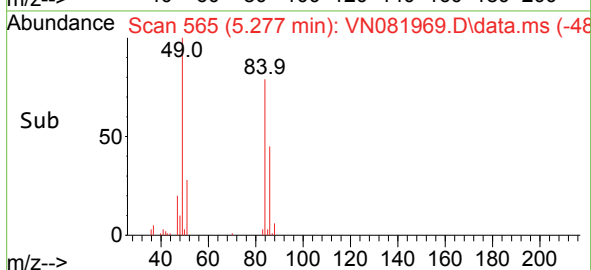
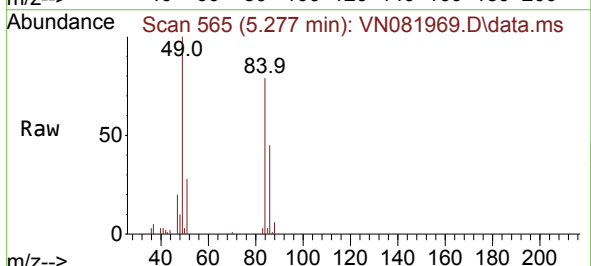


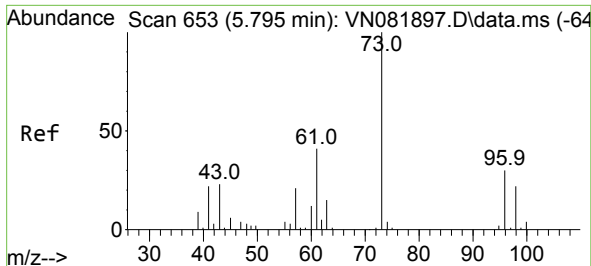
Tgt Ion:	41	Resp:	84271
Ion	Ratio	Lower	Upper
41	100		
39	69.4	37.6	112.9
76	37.1	27.8	83.4



#18
 Methylene Chloride
 Concen: 20.317 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Tgt Ion:	84	Resp:	54865
Ion	Ratio	Lower	Upper
84	100		
49	125.9	86.0	129.0
51	35.2	30.0	45.0
86	57.4	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 19.101 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

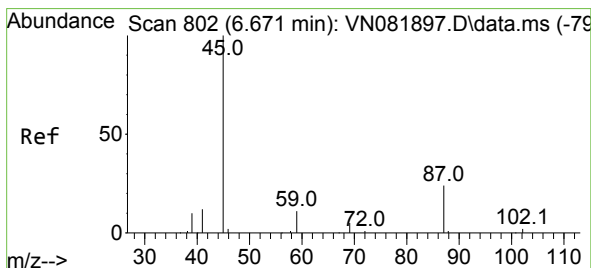
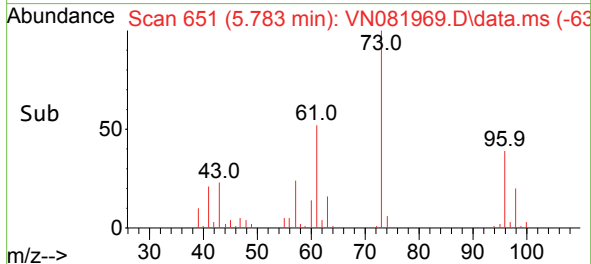
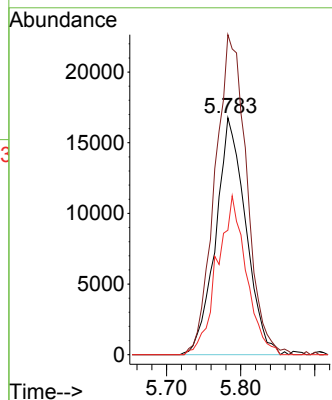
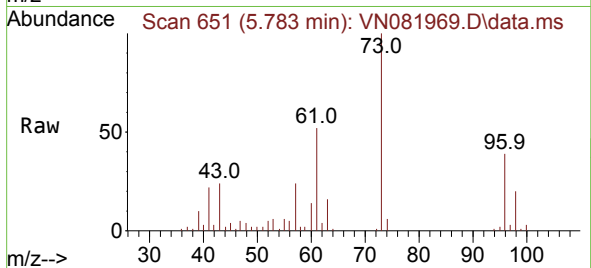
Tgt Ion: 96 Resp: 47189

Ion Ratio Lower Upper

96 100

61 135.1 111.8 167.6

98 52.5 49.2 73.8



#20

Diisopropyl ether

Concen: 20.031 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Tgt Ion: 45 Resp: 184671

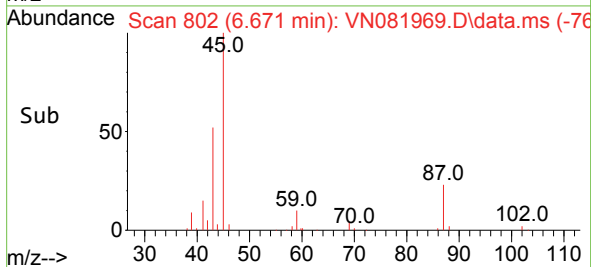
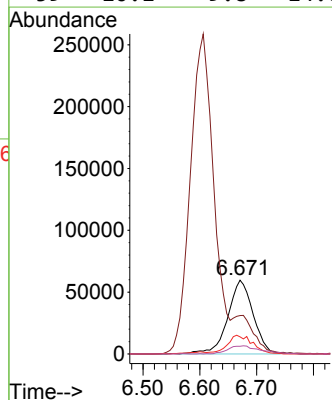
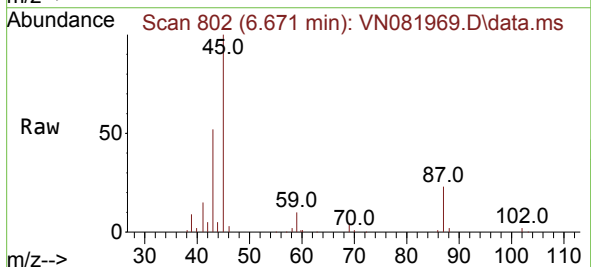
Ion Ratio Lower Upper

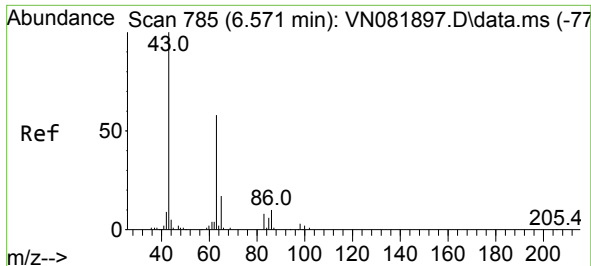
45 100

43 49.2 40.4 60.6

87 22.5 23.8 35.8#

59 10.1 9.8 14.6





#21

1,1-Dichloroethane

Concen: 19.694 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.006 min

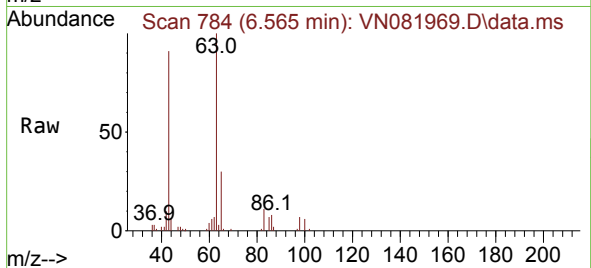
Lab File: VN081969.D

Acq: 02 May 2024 09:25

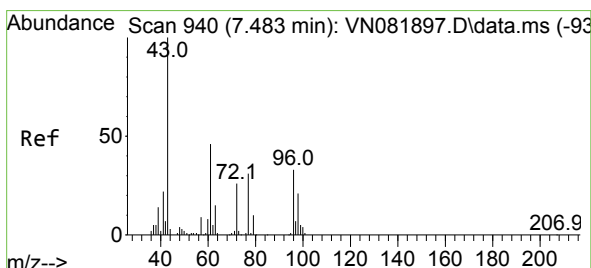
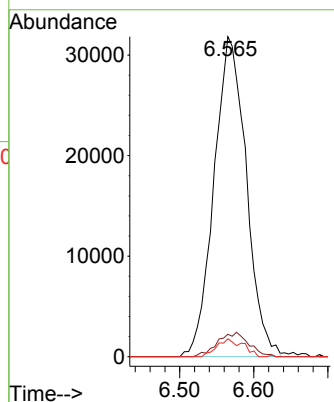
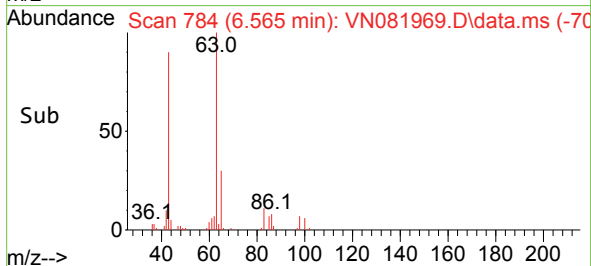
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	63	Resp:	96138
Ion Ratio	Lower	Upper	
63	100		
98	7.0	4.1	12.3
100	5.6	3.0	9.0



#22

cis-1,2-Dichloroethene

Concen: 19.479 ug/l

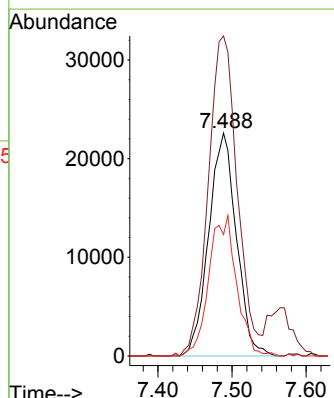
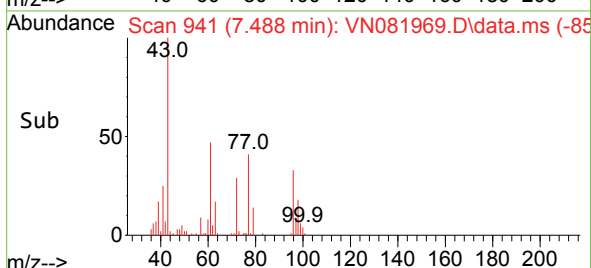
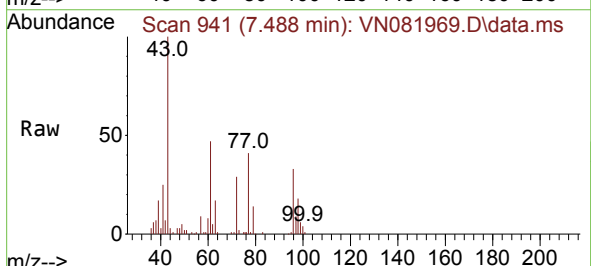
RT: 7.488 min Scan# 941

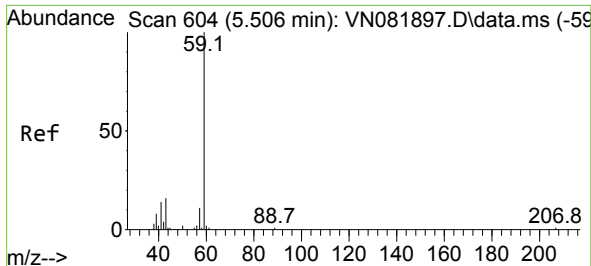
Delta R.T. 0.006 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

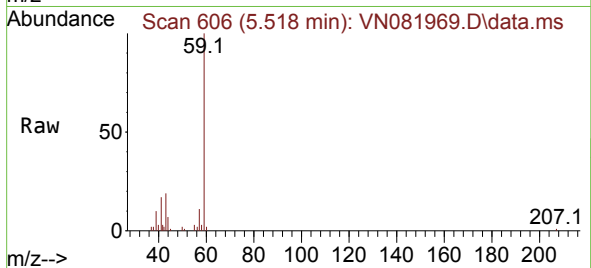
Tgt Ion:	96	Resp:	58642
Ion Ratio	Lower	Upper	
96	100		
61	150.9	113.5	170.3
98	36.4	52.0	78.0



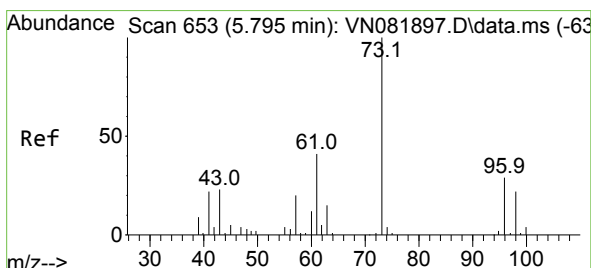
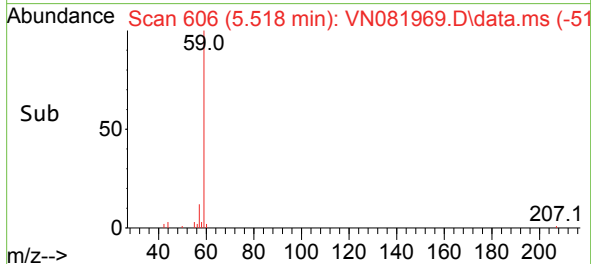
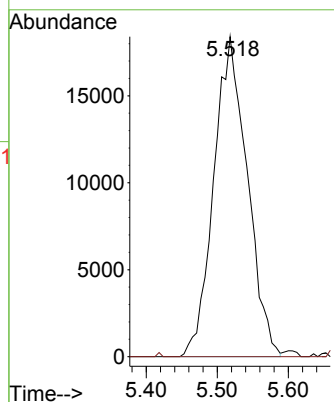


#23
tert-Butyl Alcohol
Concen: 108.028 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

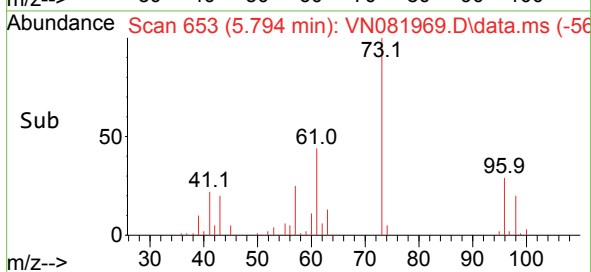
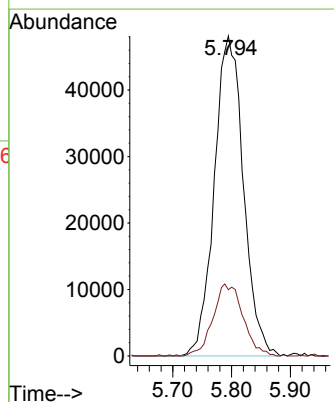
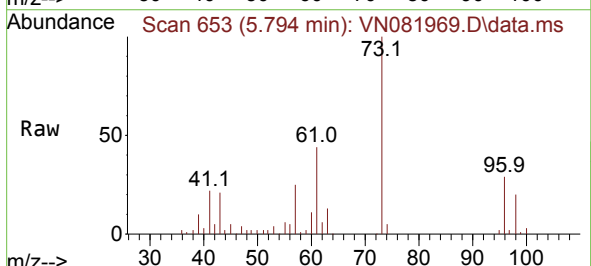


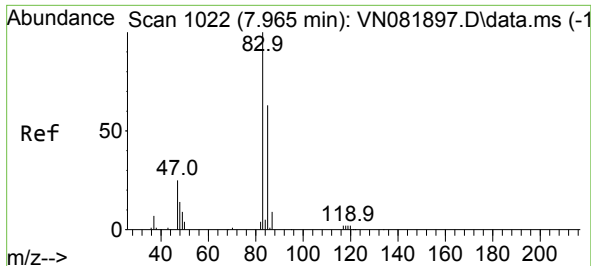
Tgt Ion: 59 Resp: 60353
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.364 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 73 Resp: 165686
Ion Ratio Lower Upper
73 100
43 12.6 13.4 20.2#





#25

Chloroform

Concen: 19.274 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

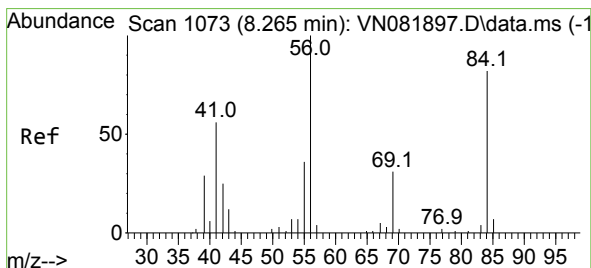
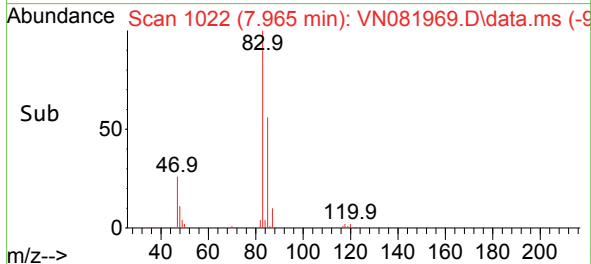
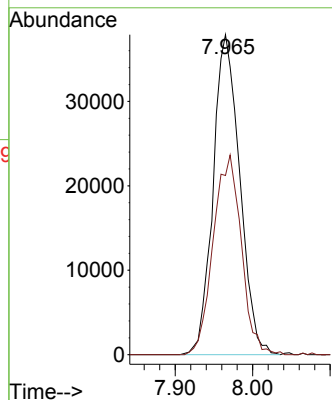
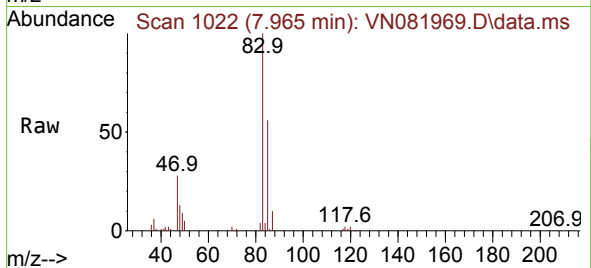
ClientSampleId :

Tgt Ion: 83 Resp: 90517

Ion Ratio Lower Upper

83 100

85 56.0 50.9 76.3



#26

Cyclohexane

Concen: 19.901 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

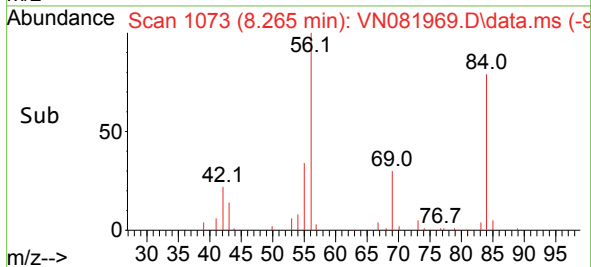
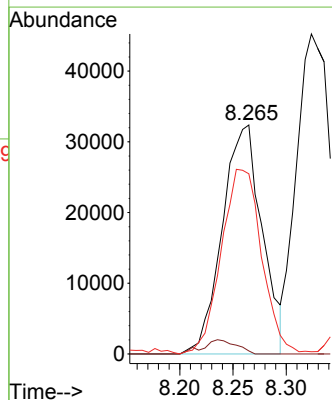
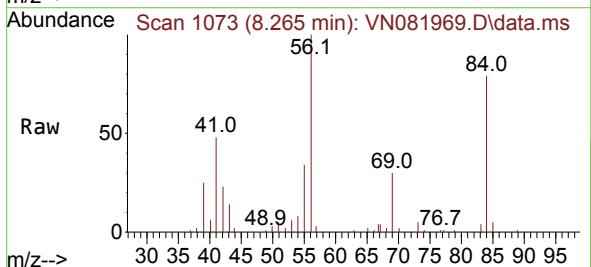
Tgt Ion: 56 Resp: 84009

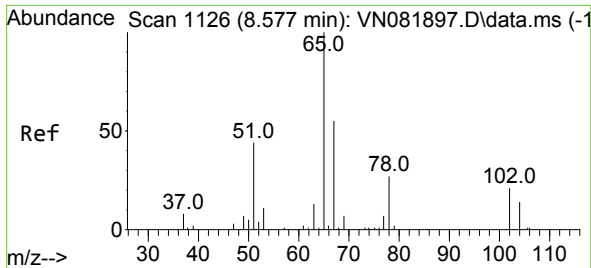
Ion Ratio Lower Upper

56 100

89 4.4 19.3 28.9#

84 81.9 71.3 106.9

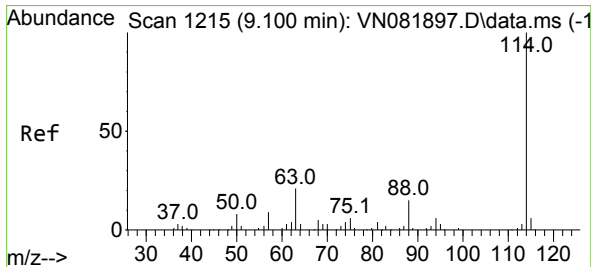
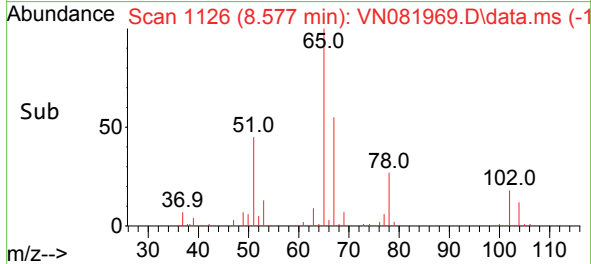
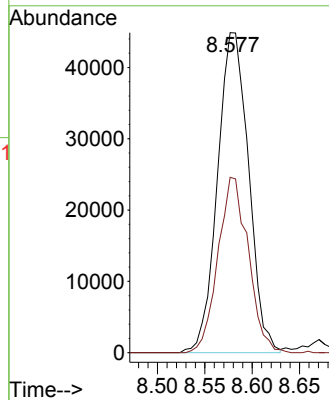
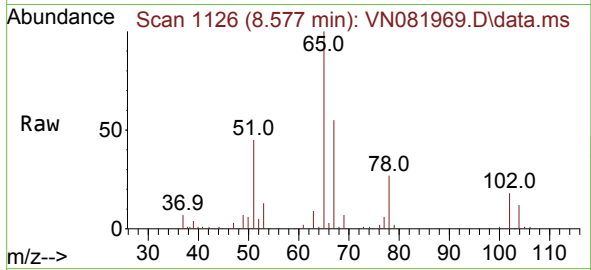




#27
1,2-Dichloroethane-d4
Concen: 31.499 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

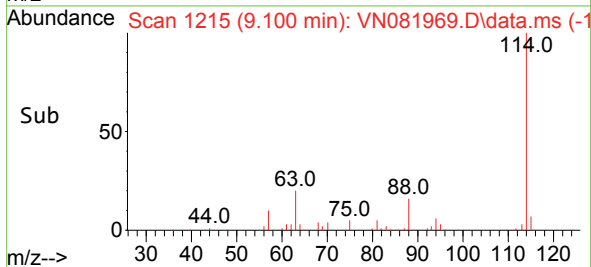
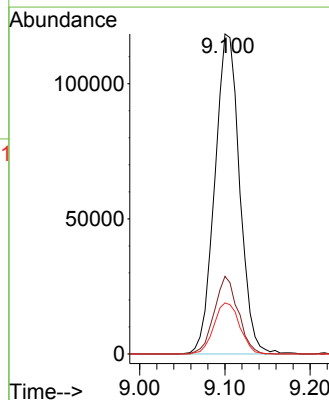
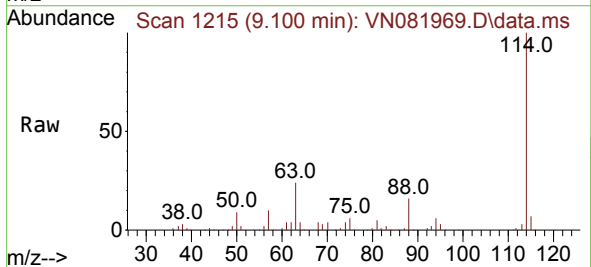
Instrument :
MSVOA_N
ClientSampleId :

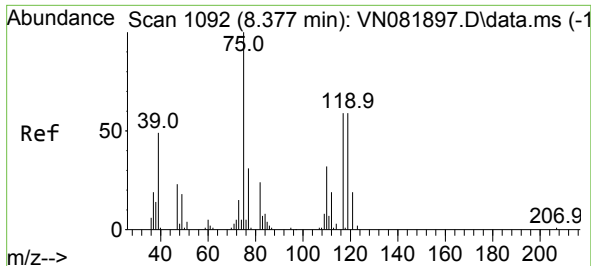
Tgt Ion: 65 Resp: 102556
Ion Ratio Lower Upper
65 100
67 53.4 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion:114 Resp: 239970
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.405 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

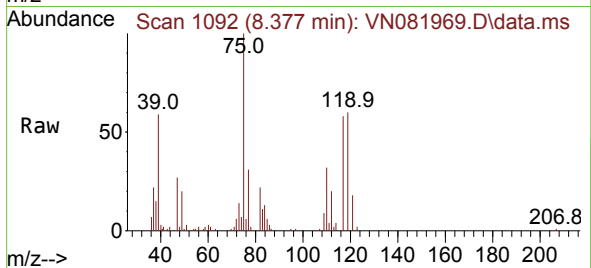
Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :



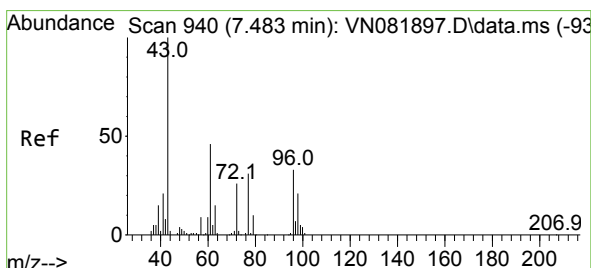
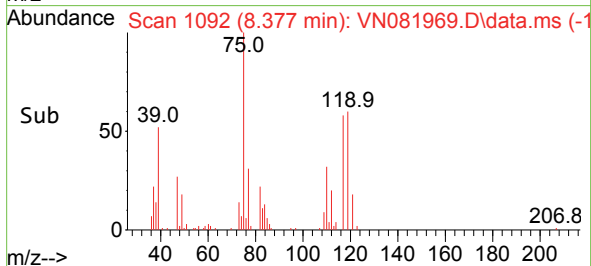
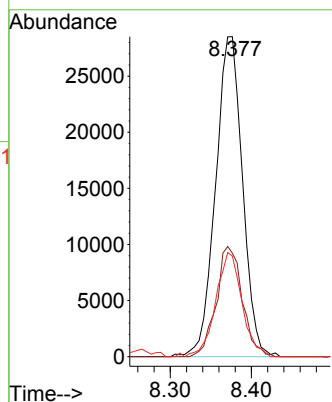
Tgt Ion: 75 Resp: 65754

Ion Ratio Lower Upper

75 100

110 33.3 0.0 70.2

77 31.6 0.0 61.4



#30

2-Butanone

Concen: 100.896 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

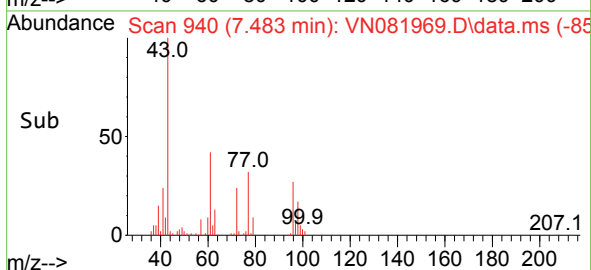
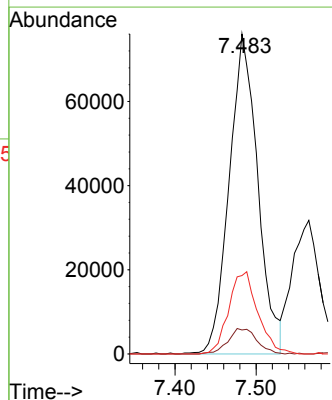
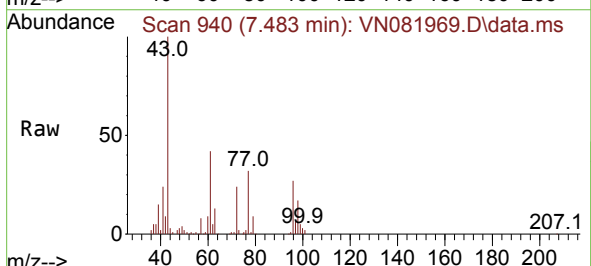
Tgt Ion: 43 Resp: 185806

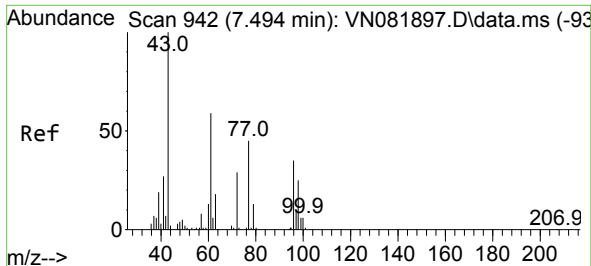
Ion Ratio Lower Upper

43 100

57 8.0 6.7 10.1

72 26.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 21.565 ug/l

RT: 7.488 min Scan# 94

Delta R.T. -0.006 min

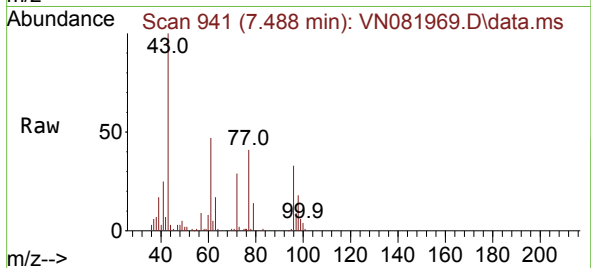
Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

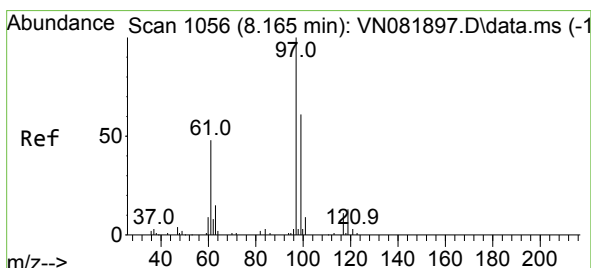
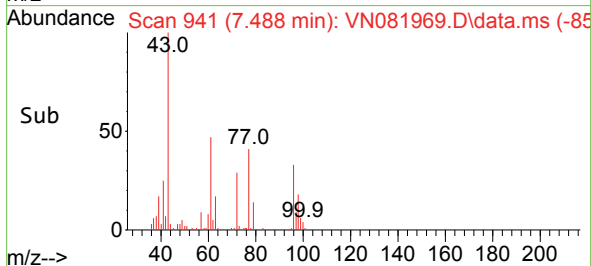
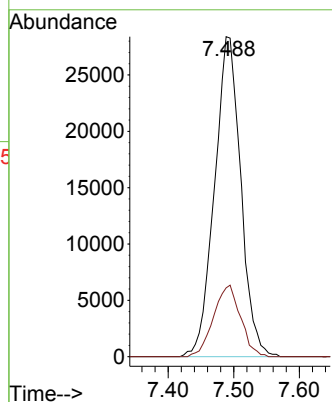


Tgt Ion: 77 Resp: 78953

Ion Ratio Lower Upper

77 100

97 23.0 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.090 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

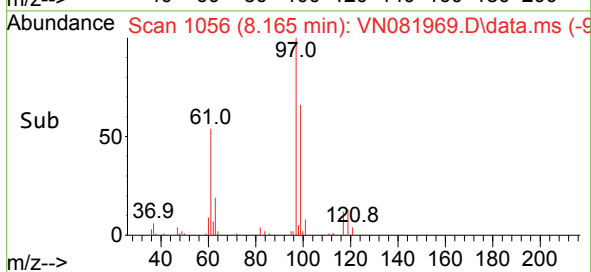
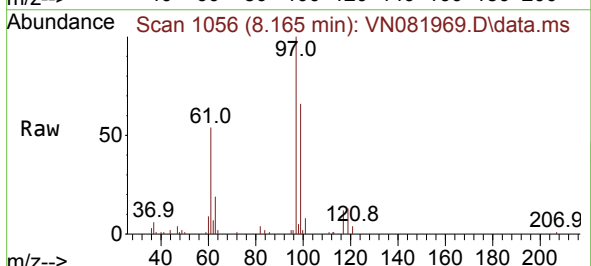
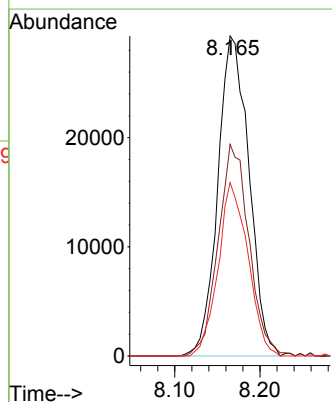
Tgt Ion: 97 Resp: 74329

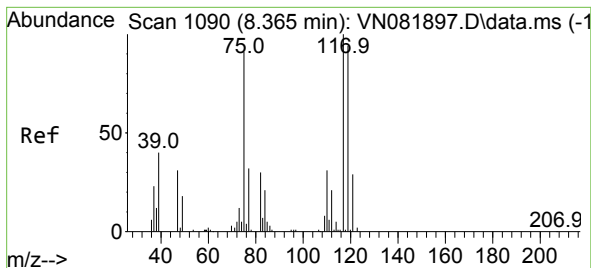
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

61 51.8 33.8 50.8#





#33

Carbon Tetrachloride

Concen: 18.278 ug/l

RT: 8.365 min Scan# 1109

Delta R.T. -0.000 min

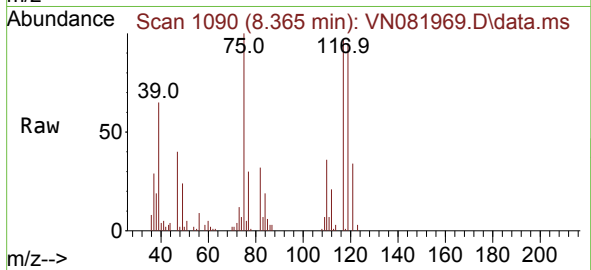
Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :



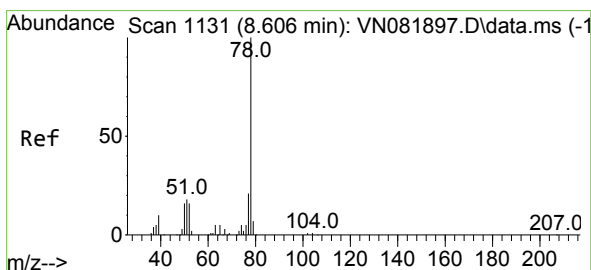
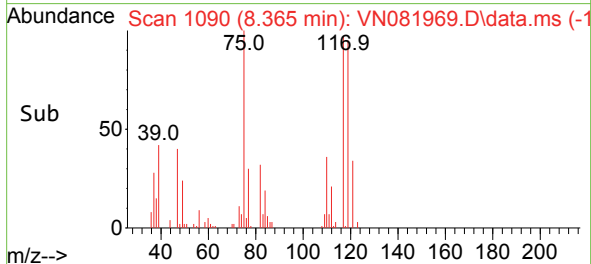
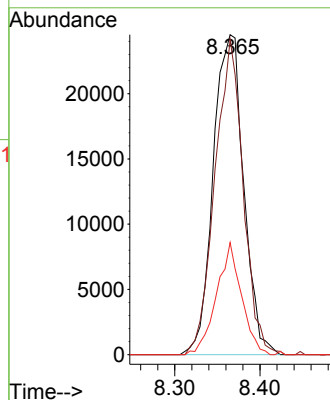
Tgt Ion:117 Resp: 60950

Ion Ratio Lower Upper

117 100

119 98.5 77.7 116.5

121 35.0 27.0 40.6



#34

Benzene

Concen: 19.100 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

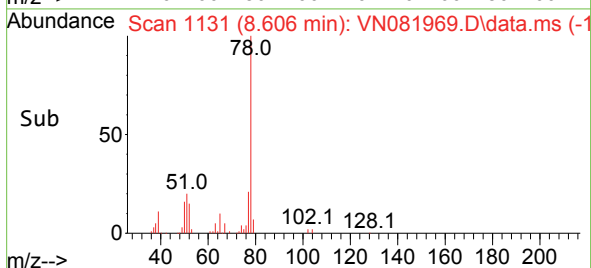
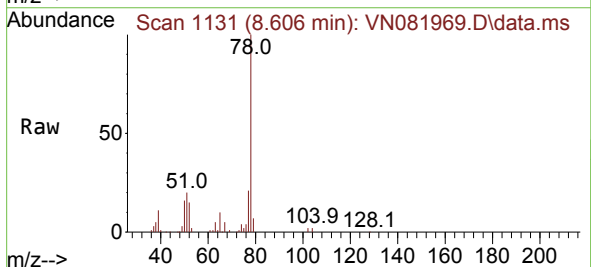
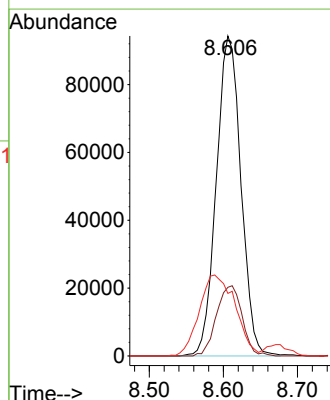
Tgt Ion: 78 Resp: 217686

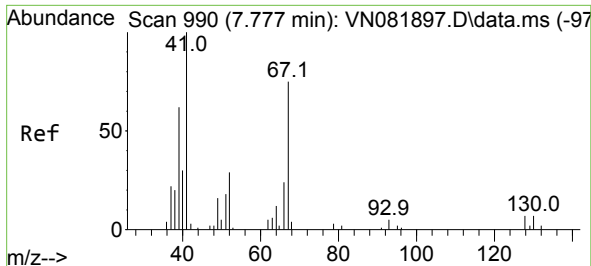
Ion Ratio Lower Upper

78 100

77 21.4 19.2 28.8

51 18.6 13.3 19.9

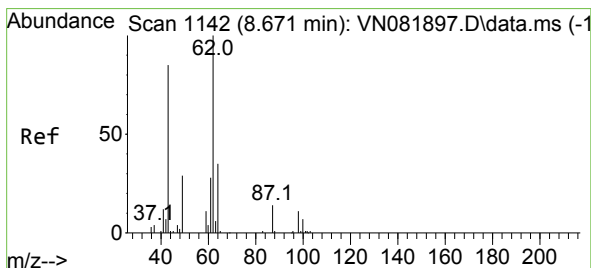
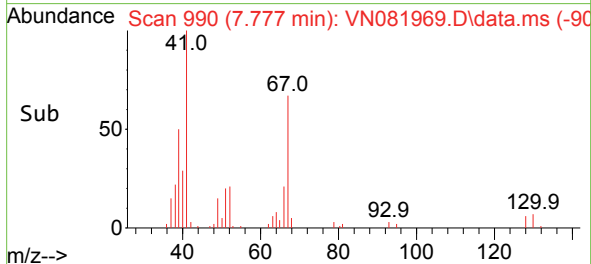
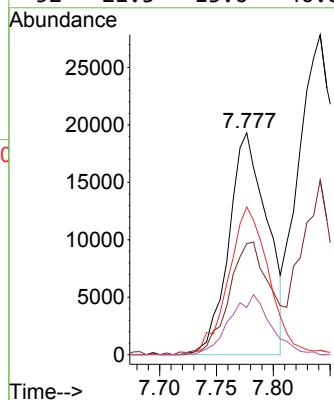
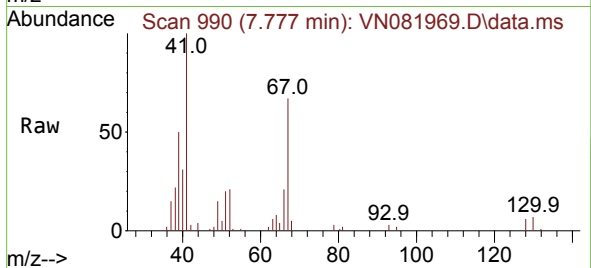




#35
Methacrylonitrile
Concen: 19.444 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

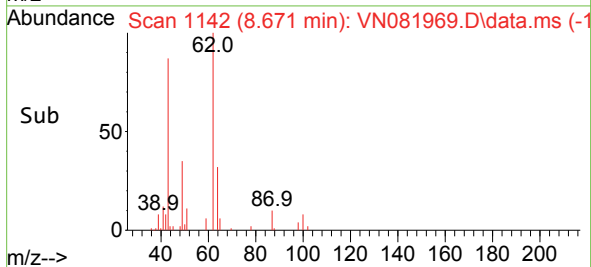
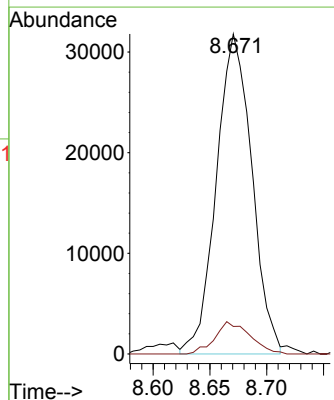
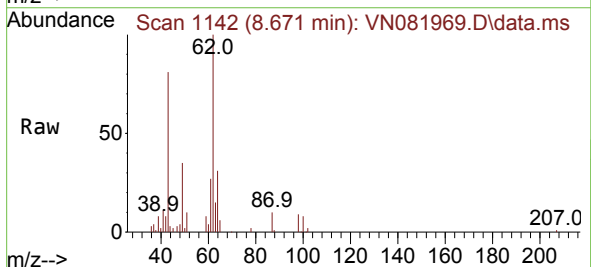
Instrument :
MSVOA_N
ClientSampleId :

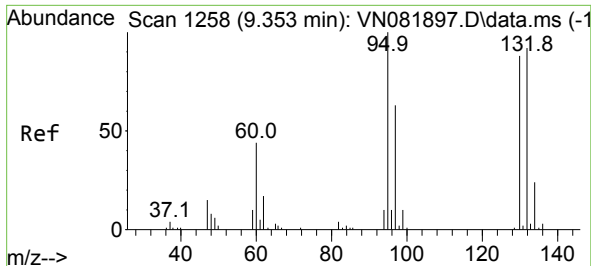
Tgt Ion: 41	Resp: 45302
Ion Ratio	Lower Upper
41 100	
39 48.8	25.3 75.9
67 66.6	38.7 116.1
52 21.3	13.6 40.8



#36
1,2-Dichloroethane
Concen: 18.054 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 62	Resp: 69074
Ion Ratio	Lower Upper
62 100	
98 10.0	8.2 12.4

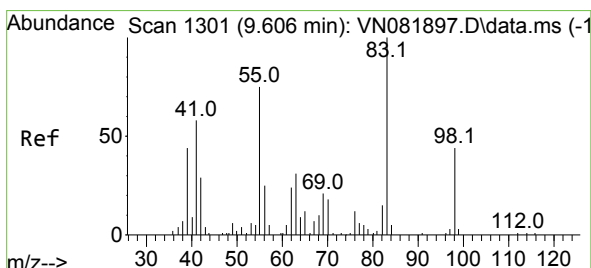
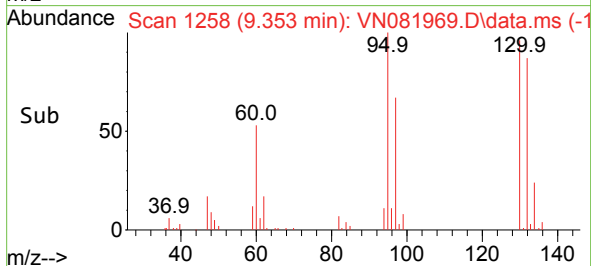
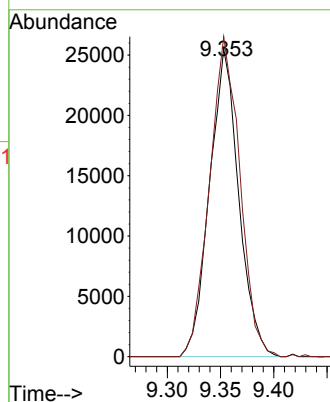
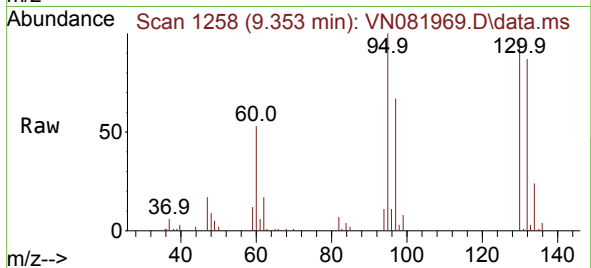




#37
Trichloroethene
Concen: 17.402 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

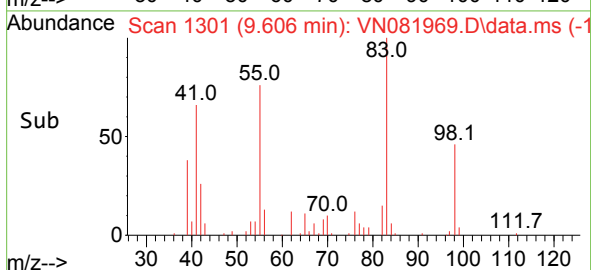
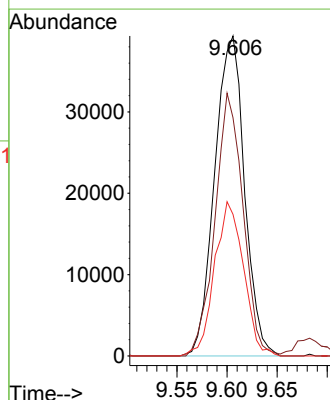
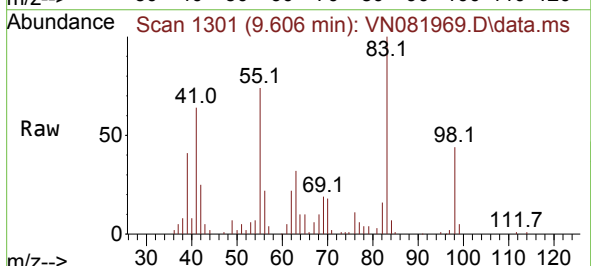
Instrument :
MSVOA_N
ClientSampleId :

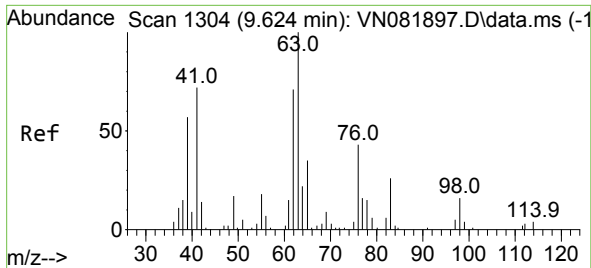
Tgt Ion:130 Resp: 48579
Ion Ratio Lower Upper
130 100
95 103.9 80.2 120.4



#38
Methylcyclohexane
Concen: 18.896 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 83 Resp: 81551
Ion Ratio Lower Upper
83 100
55 76.9 36.6 109.9
98 46.8 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.621 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

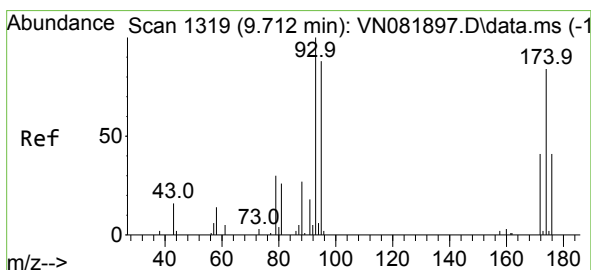
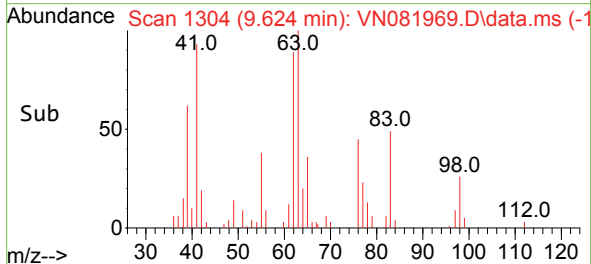
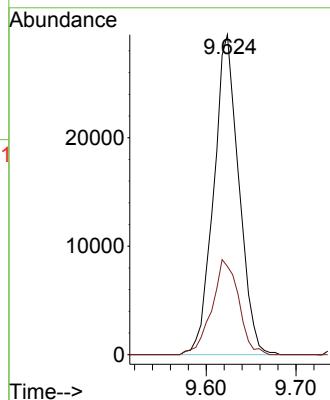
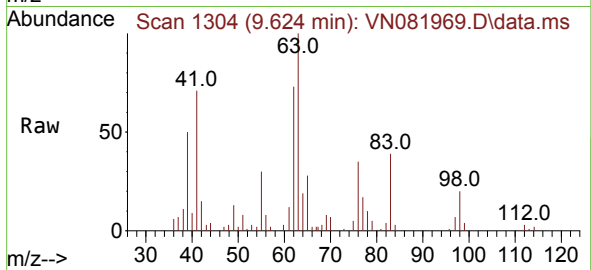
ClientSampleId :

Tgt Ion: 63 Resp: 57380

Ion Ratio Lower Upper

63 100

65 27.6 25.0 37.4



#40

Dibromomethane

Concen: 19.322 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

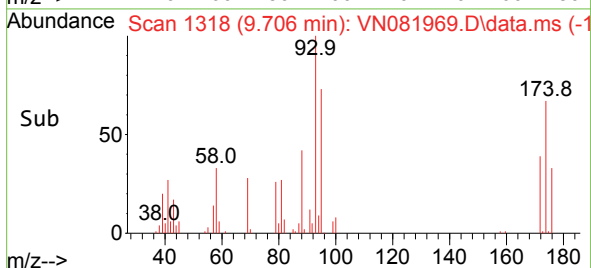
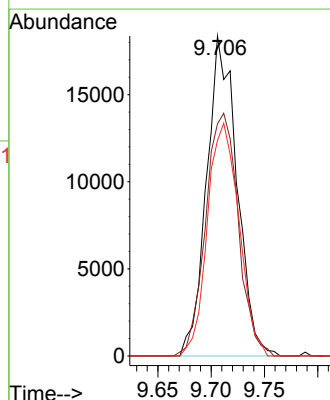
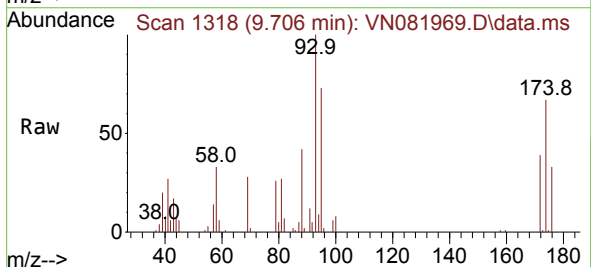
Tgt Ion: 93 Resp: 36300

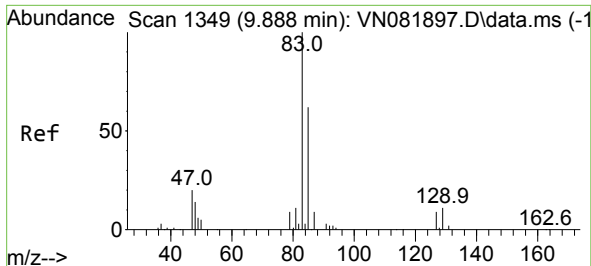
Ion Ratio Lower Upper

93 100

95 81.8 0.0 164.6

174 75.7 0.0 193.2

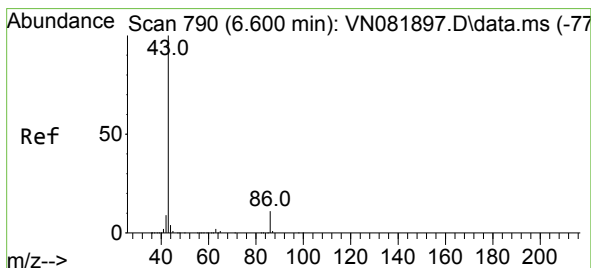
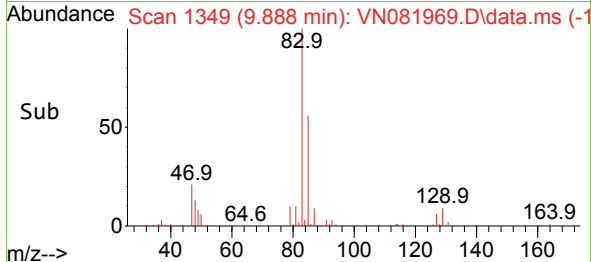
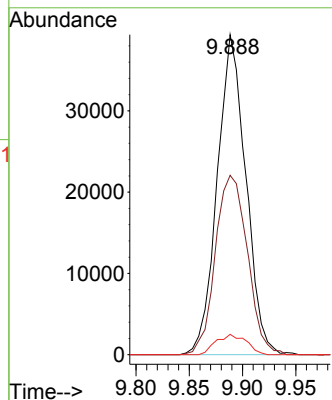
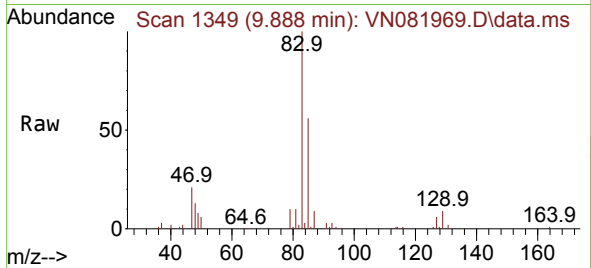




#41
Bromodichloromethane
Concen: 18.304 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

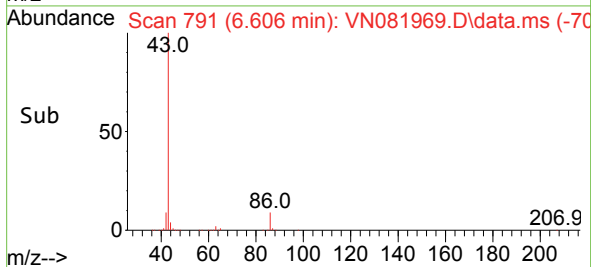
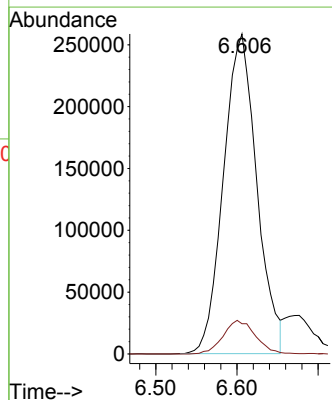
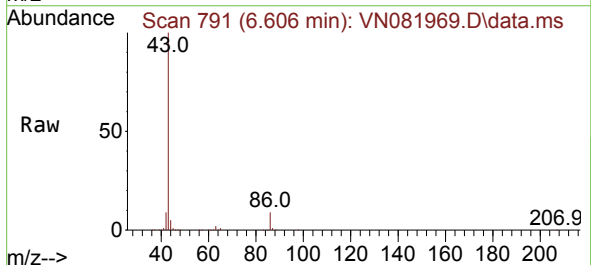
Instrument :
MSVOA_N
ClientSampleId :

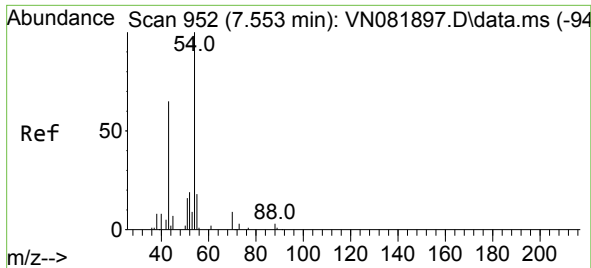
Tgt Ion: 83 Resp: 73499
Ion Ratio Lower Upper
83 100
85 56.0 49.4 74.2
127 6.4 7.3 10.9#



#42
Vinyl Acetate
Concen: 94.189 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 43 Resp: 738280
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2

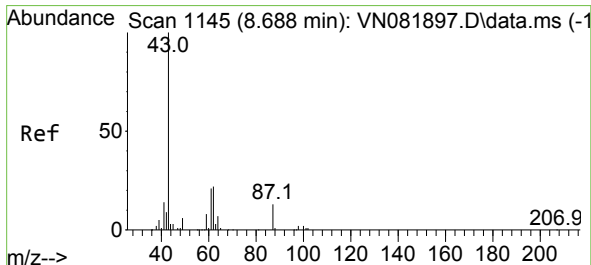
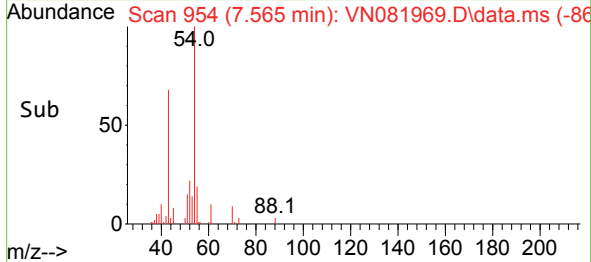
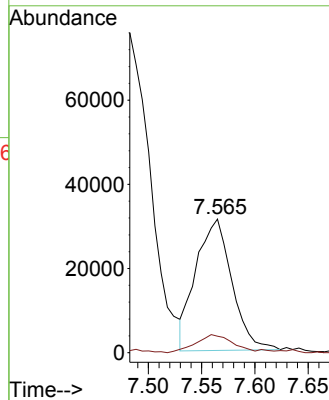
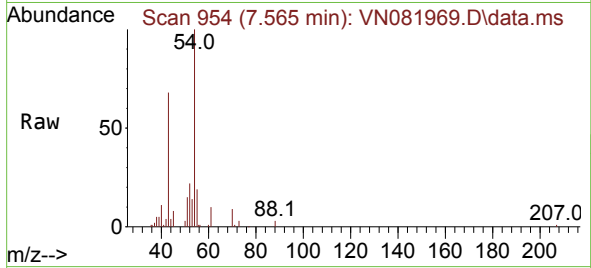




#43
Ethyl Acetate
Concen: 18.303 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

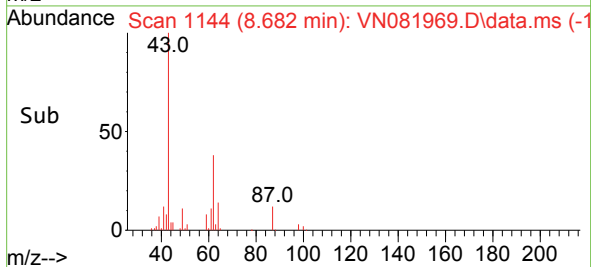
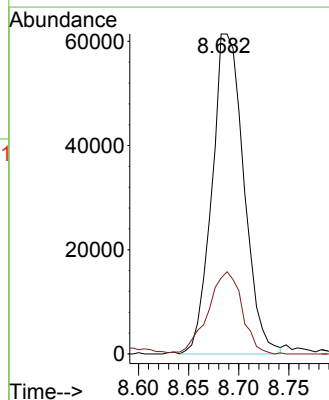
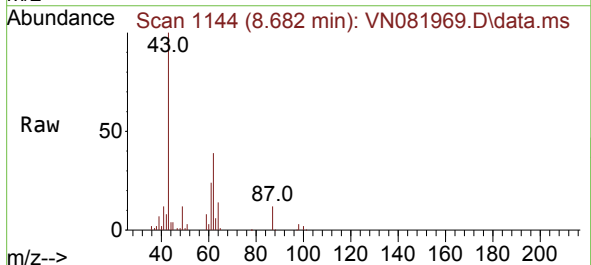
Instrument :
MSVOA_N
ClientSampleId :

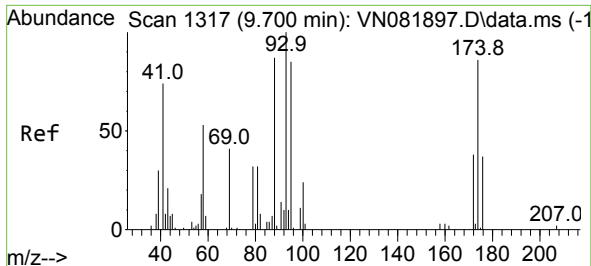
Tgt Ion: 43 Resp: 73488
Ion Ratio Lower Upper
43 100
45 14.0 10.6 15.8



#44
Isopropyl Acetate
Concen: 19.081 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

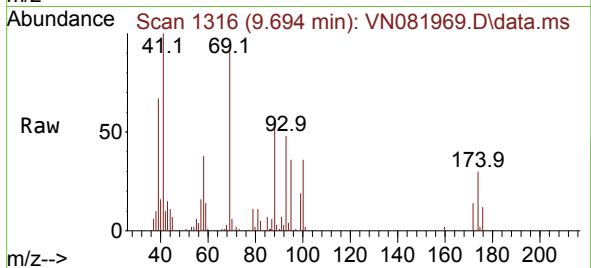
Tgt Ion: 43 Resp: 136016
Ion Ratio Lower Upper
43 100
61 27.3 25.0 37.4



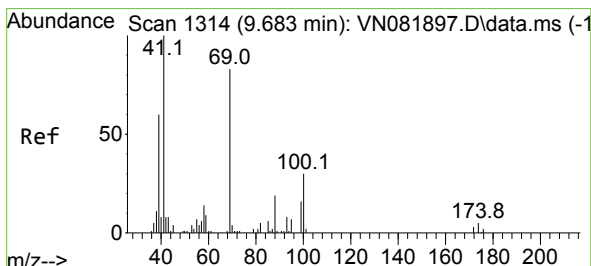
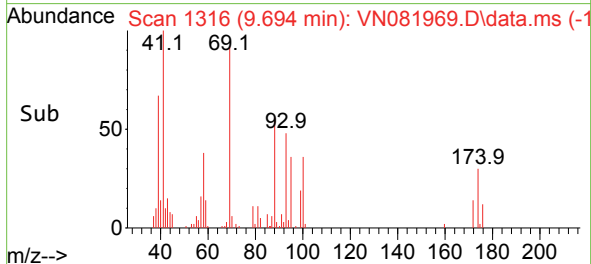
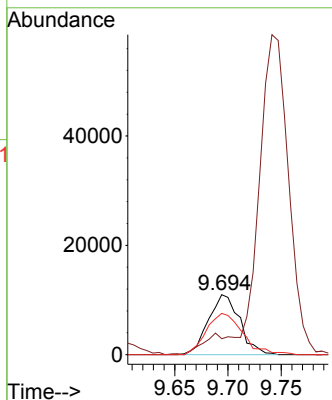


#45
1,4-Dioxane
Concen: 393.062 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

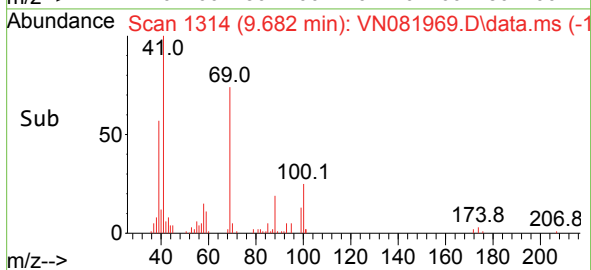
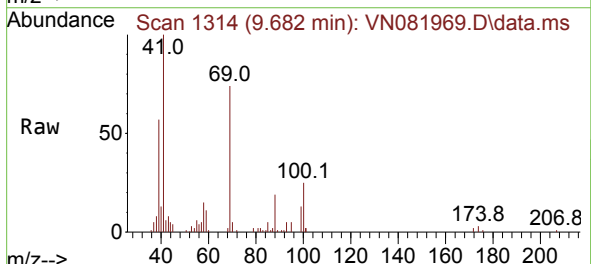
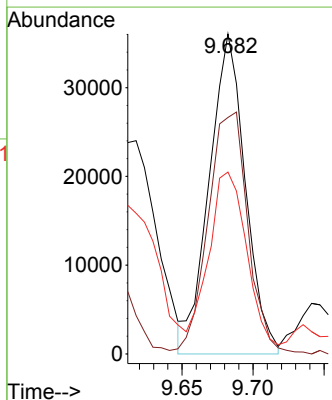


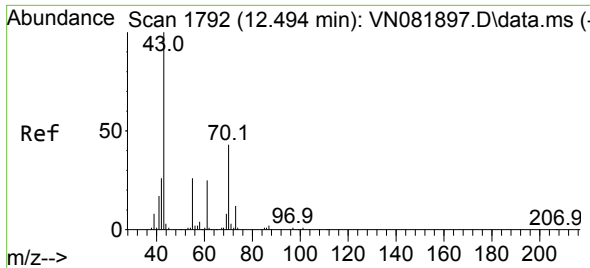
Tgt Ion: 88 Resp: 22470
Ion Ratio Lower Upper
88 100
43 22.0 19.8 29.6
58 75.9 55.4 83.0



#46
Methyl methacrylate
Concen: 19.585 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 41 Resp: 63780
Ion Ratio Lower Upper
41 100
69 74.0 51.1 153.3
39 55.2 25.8 77.3

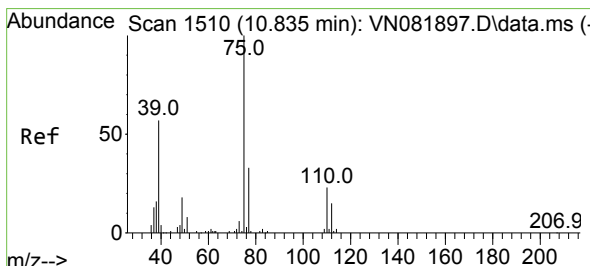
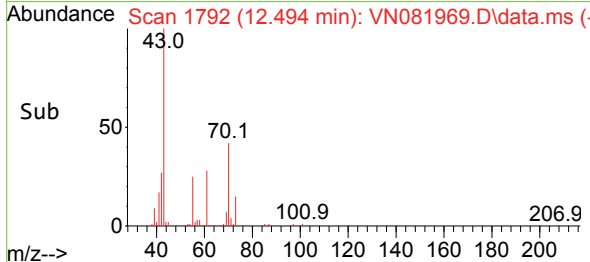
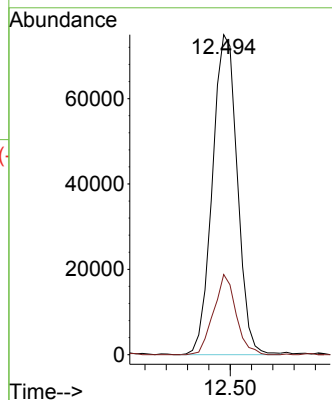
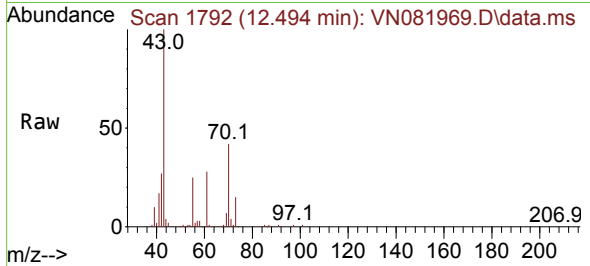




#47
n-amy1 Acetate
Concen: 18.931 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

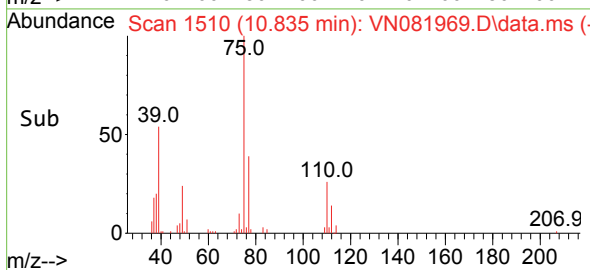
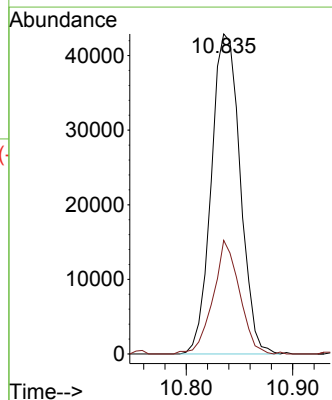
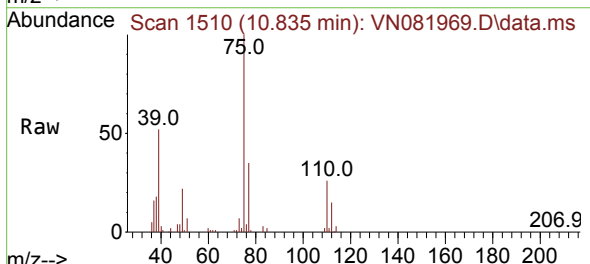
Instrument :
MSVOA_N
ClientSampleId :

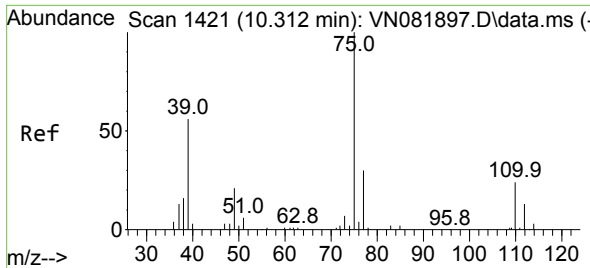
Tgt Ion: 43 Resp: 121716
Ion Ratio Lower Upper
43 100
55 22.5 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 18.553 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 75 Resp: 80788
Ion Ratio Lower Upper
75 100
77 34.9 23.8 35.6

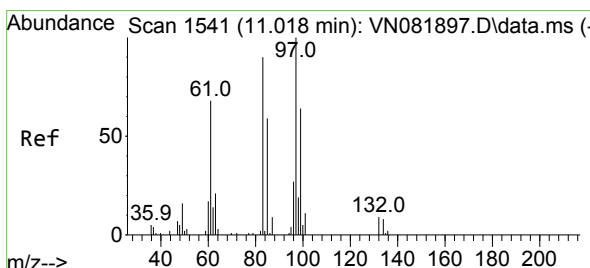
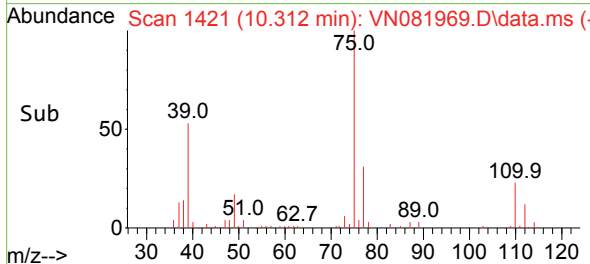
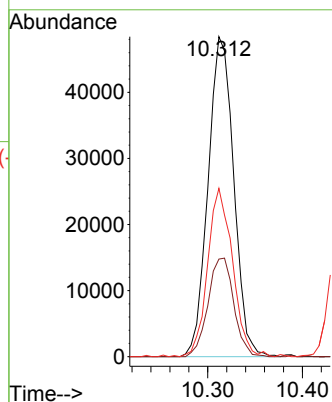
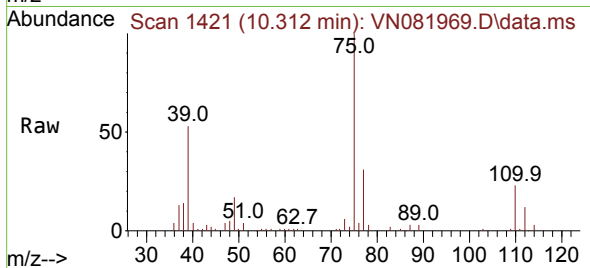




#49
 cis-1,3-Dichloropropene
 Concen: 19.789 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

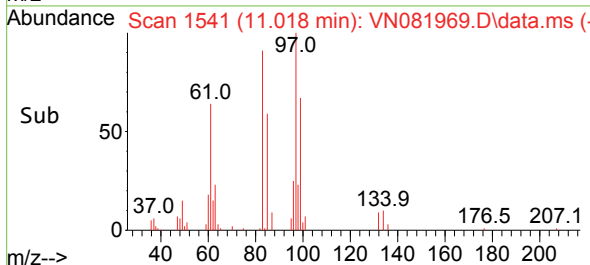
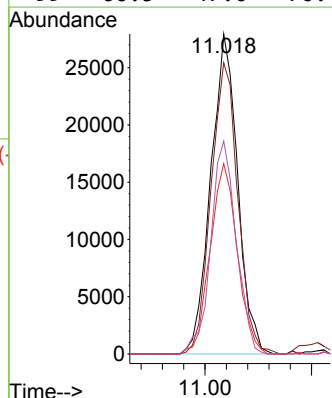
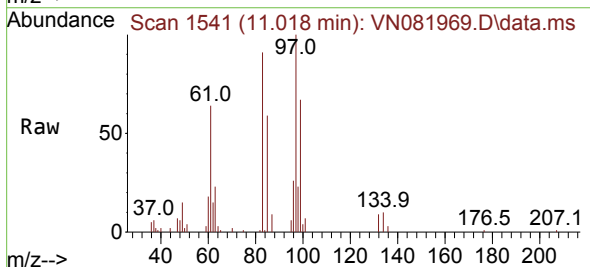
Instrument :
 MSVOA_N
 ClientSampleId :

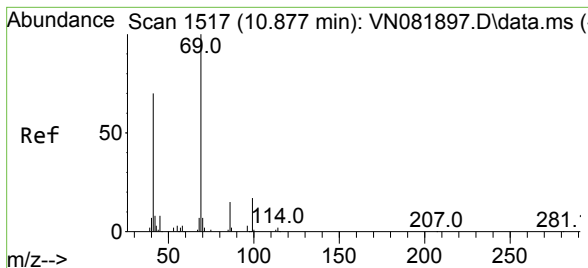
Tgt Ion: 75 Resp: 91109
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.9 37.3
 39 52.6 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 19.190 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Tgt Ion: 97 Resp: 48912
 Ion Ratio Lower Upper
 97 100
 83 91.0 68.1 102.1
 85 59.5 41.8 62.6
 99 66.5 47.0 70.4





#51

Ethyl methacrylate

Concen: 19.692 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

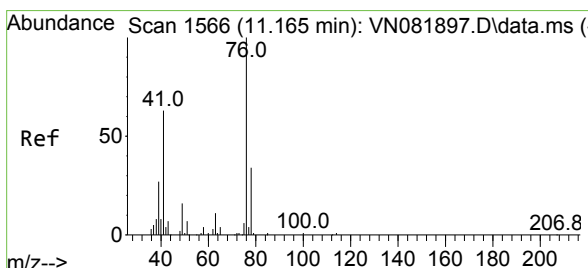
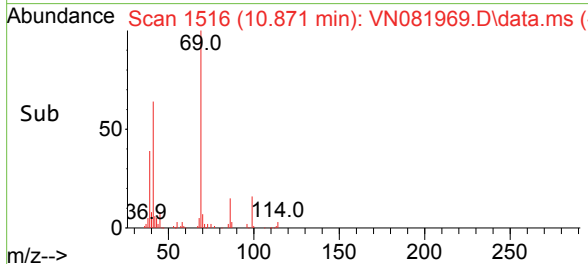
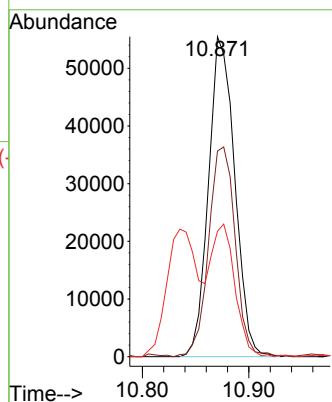
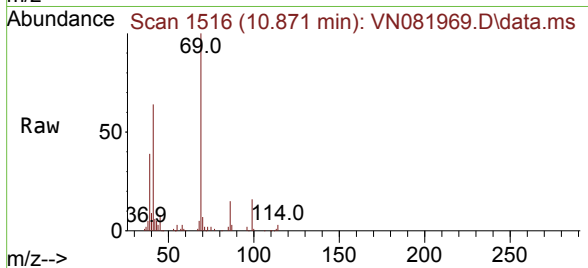
Tgt Ion: 69 Resp: 94728

Ion Ratio Lower Upper

69 100

41 63.9 25.5 76.5

39 38.7 16.0 47.9



#52

1,3-Dichloropropane

Concen: 19.267 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081969.D

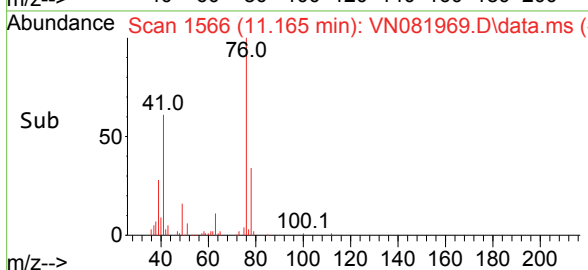
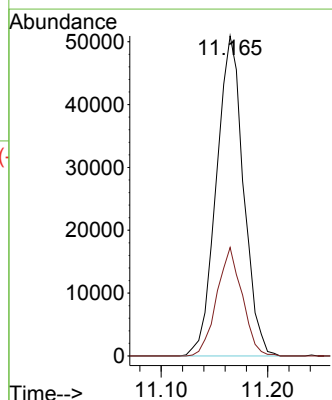
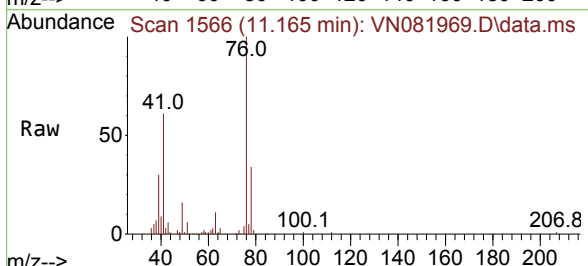
Acq: 02 May 2024 09:25

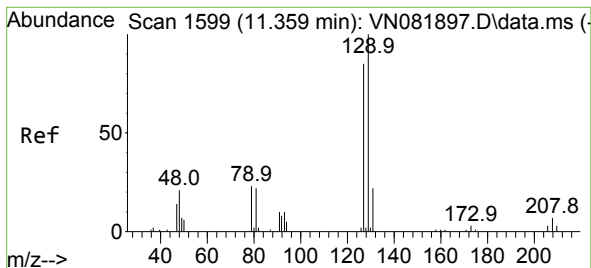
Tgt Ion: 76 Resp: 90221

Ion Ratio Lower Upper

76 100

78 31.7 0.0 65.8





#53

Dibromochloromethane

Concen: 18.607 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

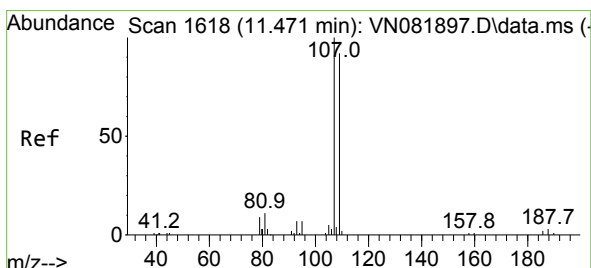
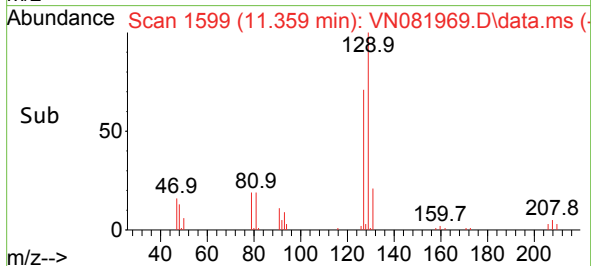
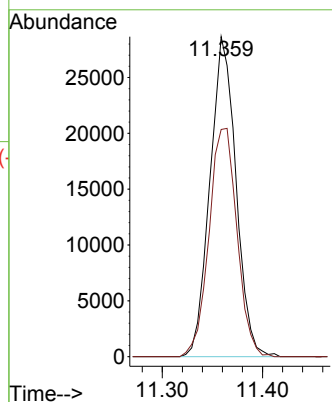
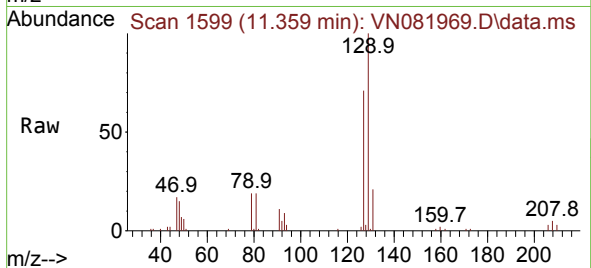
ClientSampleId :

Tgt Ion:129 Resp: 51601

Ion Ratio Lower Upper

129 100

127 76.7 39.4 118.1



#54

1,2-Dibromoethane

Concen: 18.989 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN081969.D

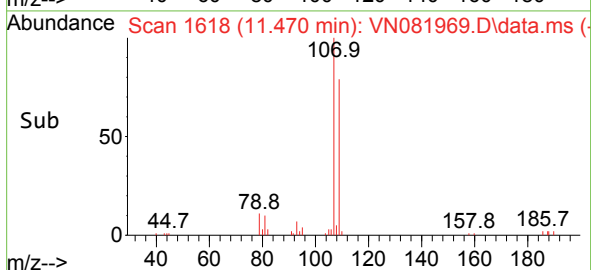
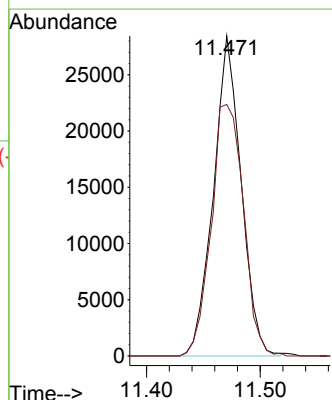
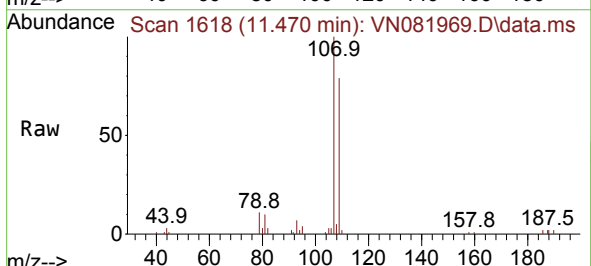
Acq: 02 May 2024 09:25

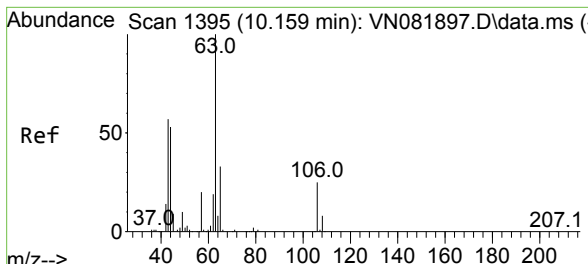
Tgt Ion:107 Resp: 48270

Ion Ratio Lower Upper

107 100

109 91.4 74.7 112.1

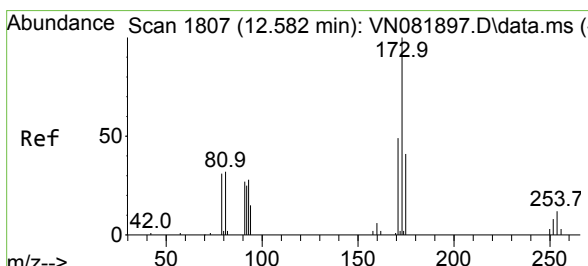
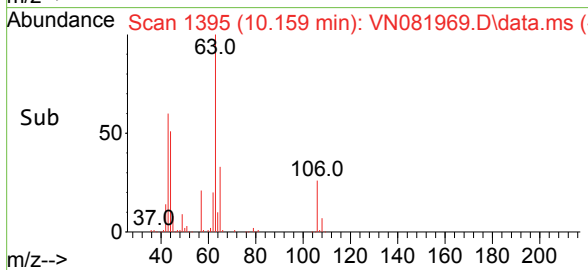
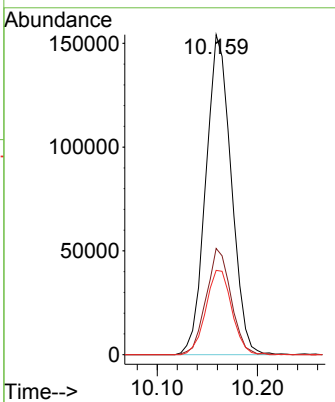
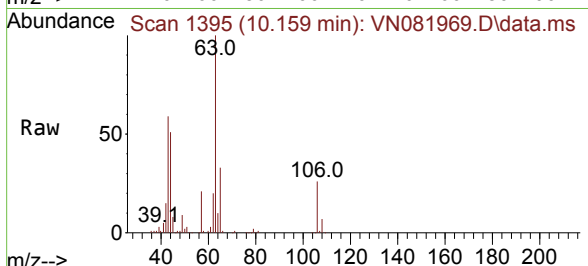




#55
 2-Chloroethyl vinyl ether
 Concen: 112.775 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

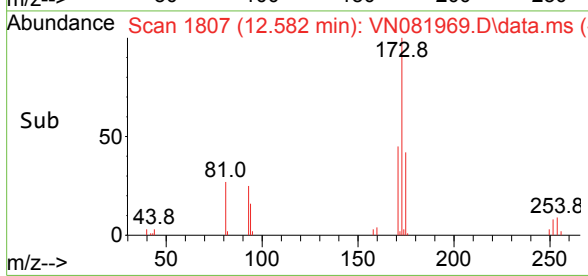
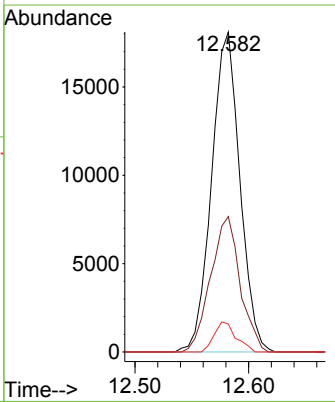
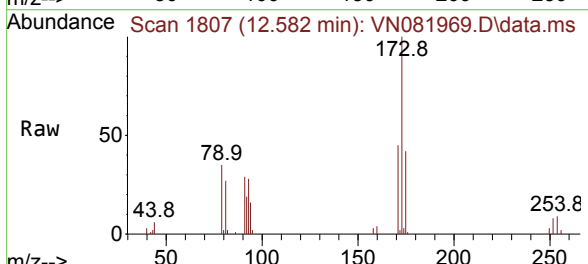
Instrument :
 MSVOA_N
 ClientSampleId :

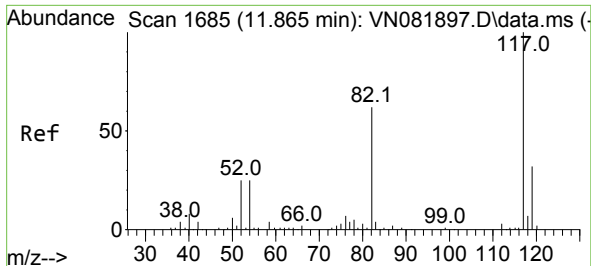
Tgt Ion:	63	Resp:	271285
Ion	Ratio	Lower	Upper
63	100		
65	32.3	26.2	39.2
106	26.9	23.8	35.8



#56
 Bromoform
 Concen: 18.559 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Tgt Ion:	173	Resp:	31323
Ion	Ratio	Lower	Upper
173	100		
175	44.1	40.0	60.0
254	7.3	8.3	12.5#

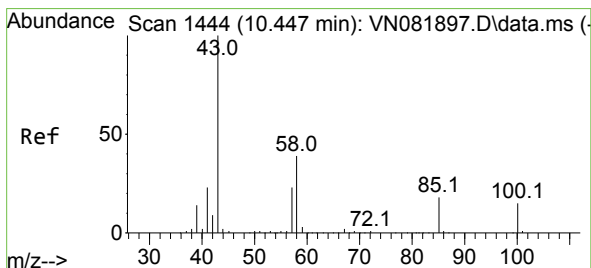
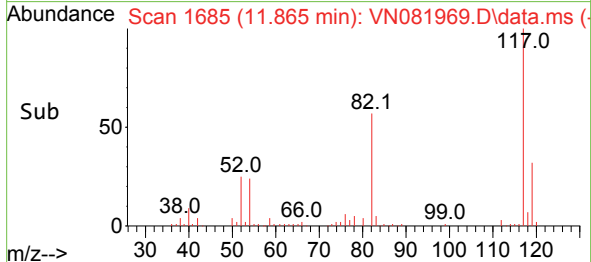
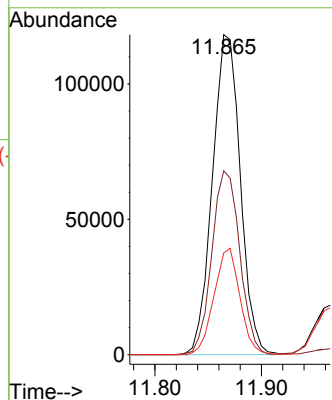
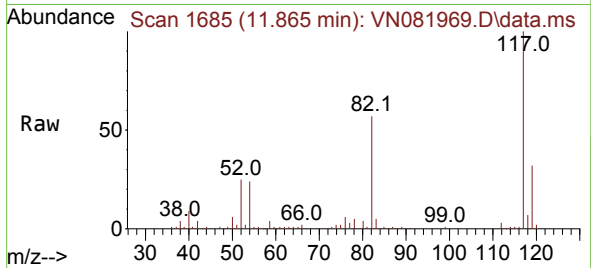




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

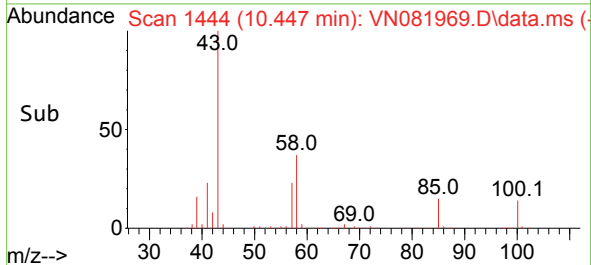
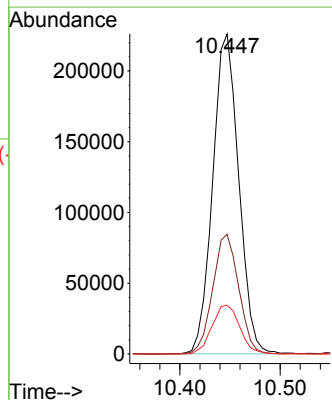
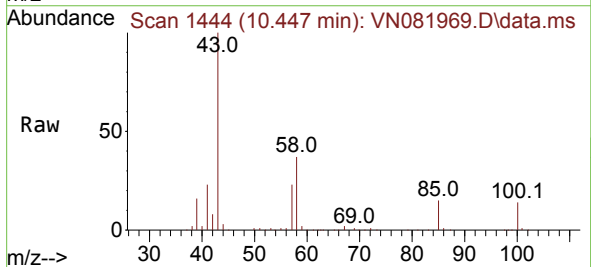
Instrument :
MSVOA_N
ClientSampleId :

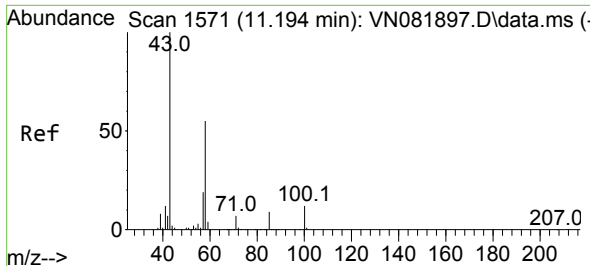
Tgt Ion:117 Resp: 214947
Ion Ratio Lower Upper
117 100
82 57.5 46.6 69.8
119 31.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 97.510 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

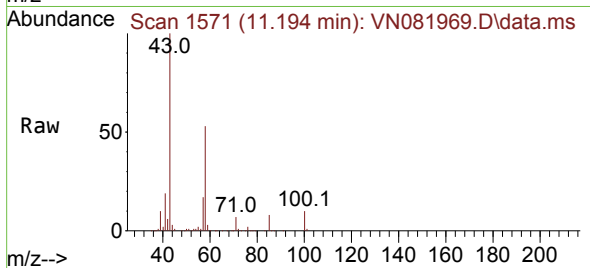
Tgt Ion: 43 Resp: 406970
Ion Ratio Lower Upper
43 100
58 37.5 36.5 54.7
85 16.3 19.5 29.3#



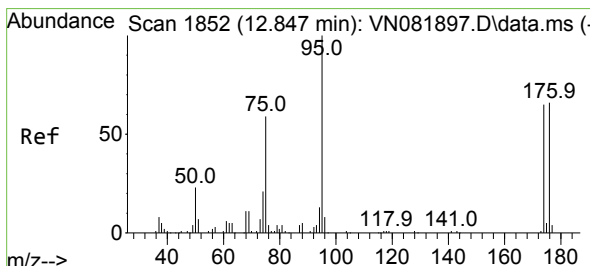
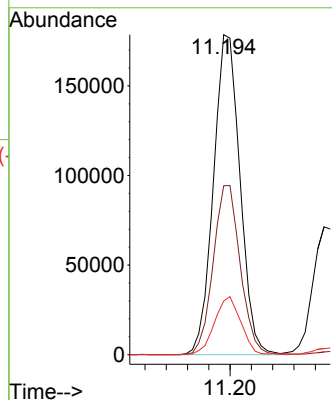
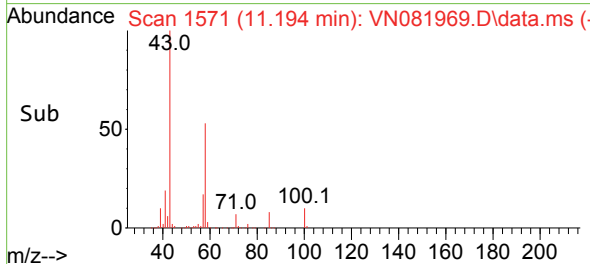


#59
2-Hexanone
Concen: 99.867 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

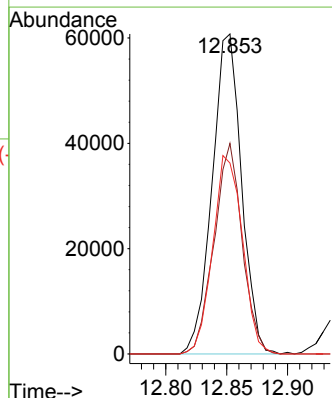
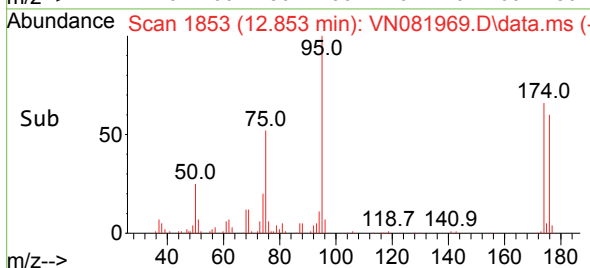
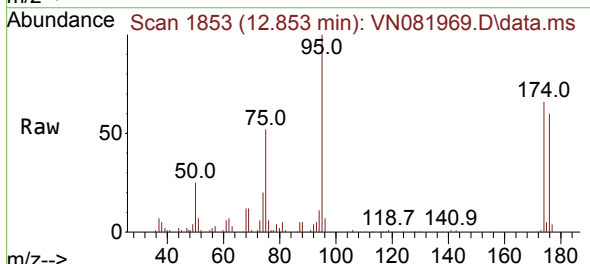


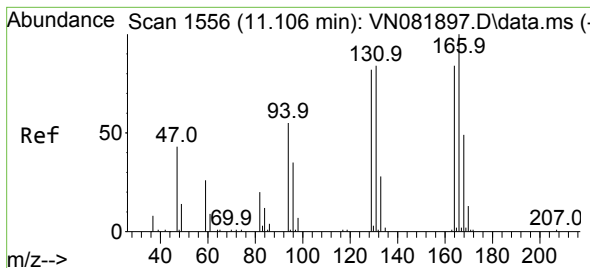
Tgt Ion: 43 Resp: 309038
Ion Ratio Lower Upper
43 100
58 53.8 50.4 75.6
57 17.6 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.565 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 95 Resp: 102184
Ion Ratio Lower Upper
95 100
174 63.0 60.5 90.7
176 62.7 57.8 86.6





#61

Tetrachloroethene

Concen: 16.644 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

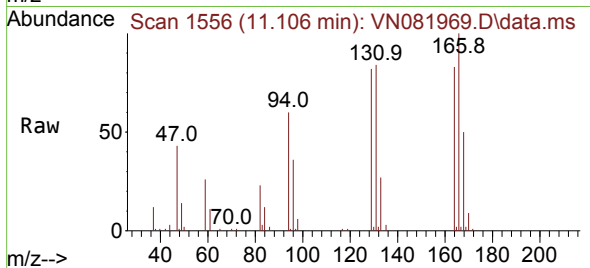
Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 39698

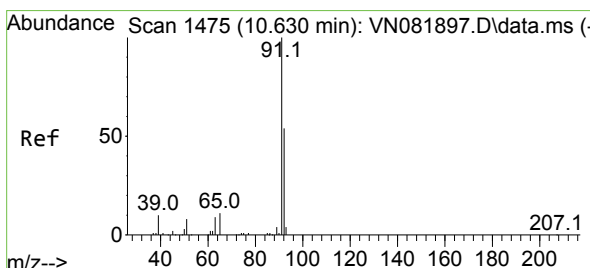
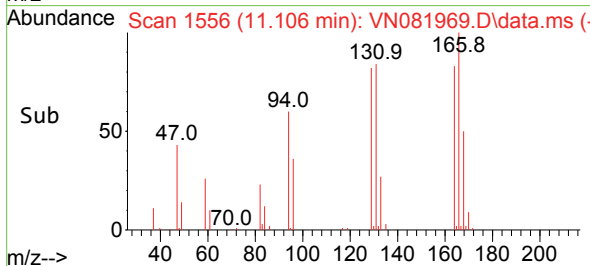
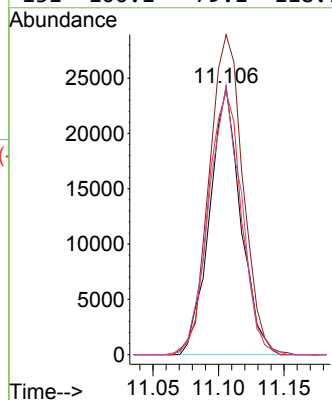
Ion Ratio Lower Upper

164 100

166 118.9 106.7 160.1

129 98.5 85.8 128.6

131 100.1 79.1 118.7



#62

Toluene

Concen: 18.381 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081969.D

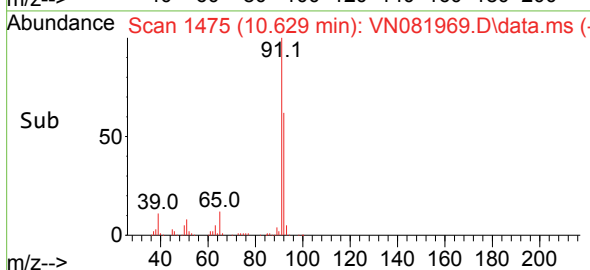
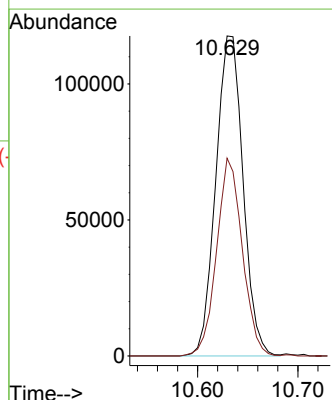
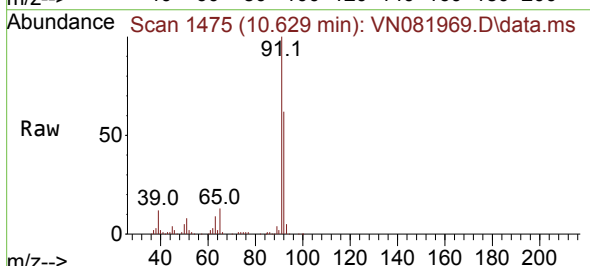
Acq: 02 May 2024 09:25

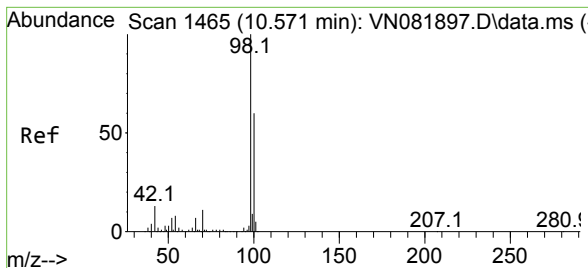
Tgt Ion: 91 Resp: 222301

Ion Ratio Lower Upper

91 100

92 58.3 46.5 69.7





#63

Toluene-d8

Concen: 29.753 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

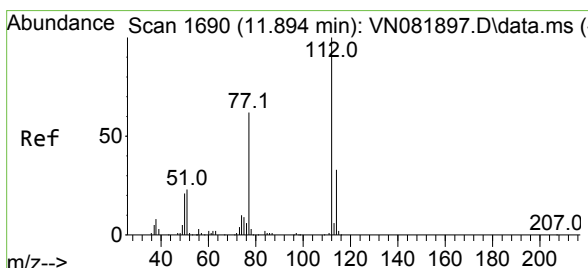
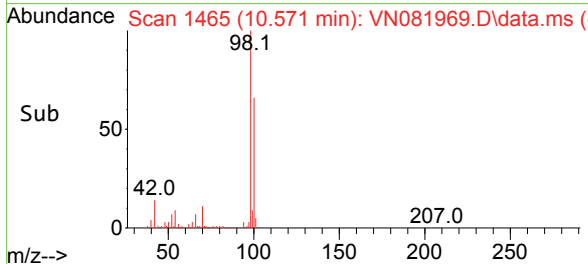
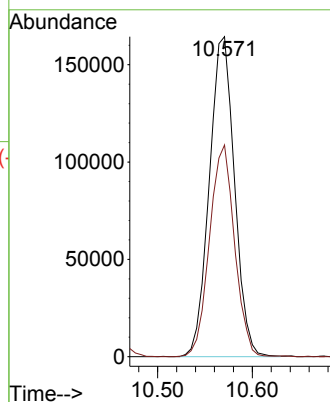
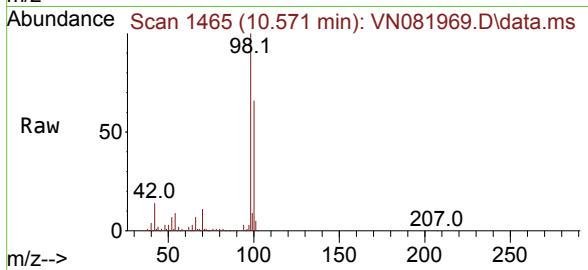
ClientSampleId :

Tgt Ion: 98 Resp: 303712

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



#64

Chlorobenzene

Concen: 18.849 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081969.D

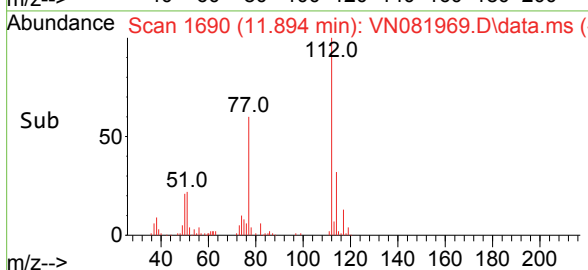
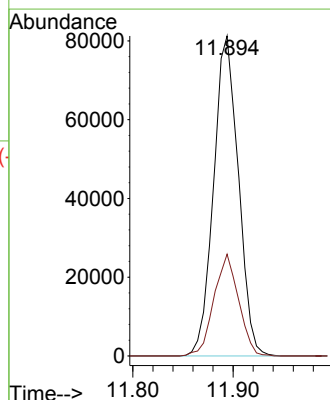
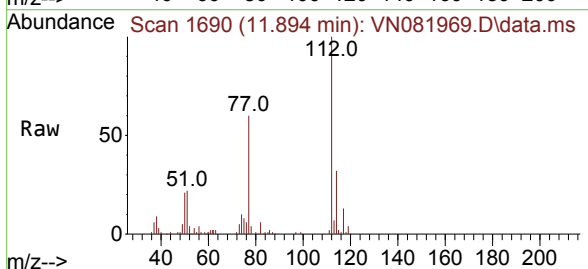
Acq: 02 May 2024 09:25

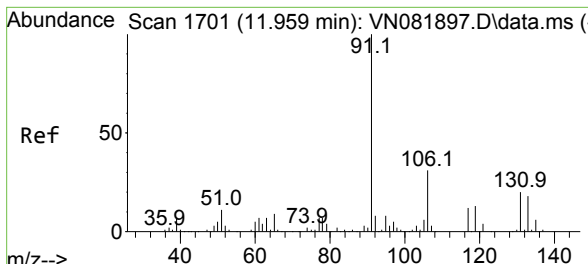
Tgt Ion: 112 Resp: 139434

Ion Ratio Lower Upper

112 100

114 31.8 26.6 39.8

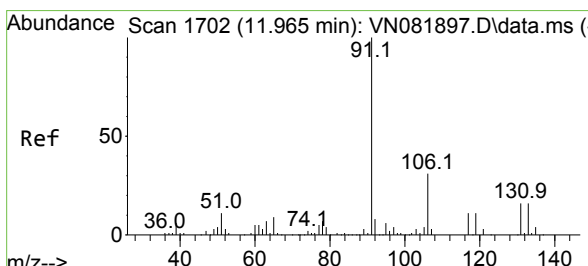
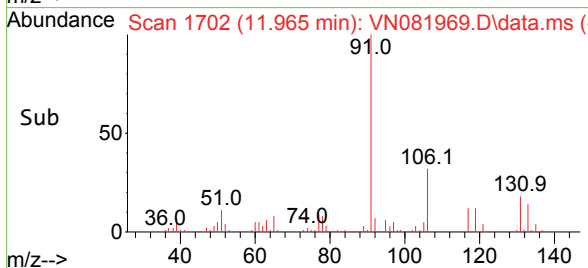
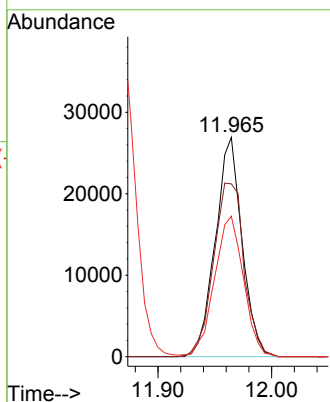
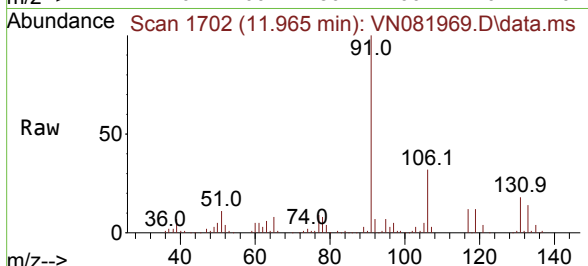




#65
1,1,1,2-Tetrachloroethane
Concen: 18.157 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

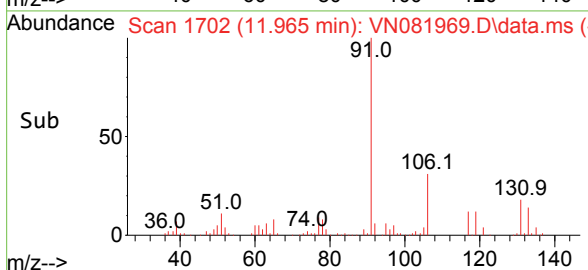
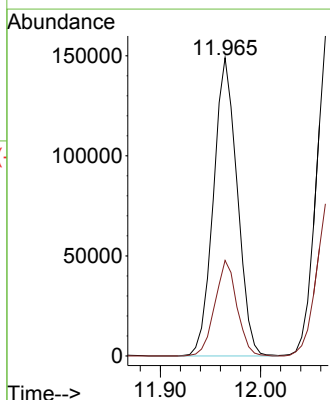
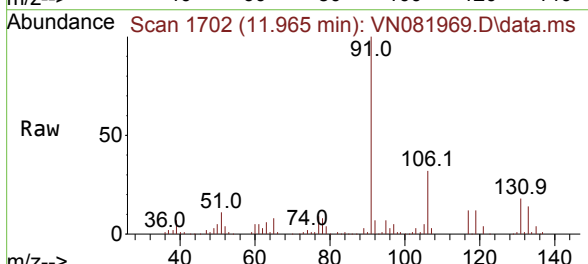
Instrument :
MSVOA_N
ClientSampleId :

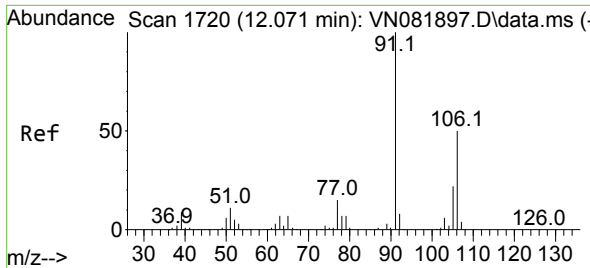
Tgt Ion:131 Resp: 43960
Ion Ratio Lower Upper
131 100
133 90.9 0.0 188.0
119 69.7 0.0 122.8



#66
Ethyl Benzene
Concen: 18.495 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 91 Resp: 245182
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6

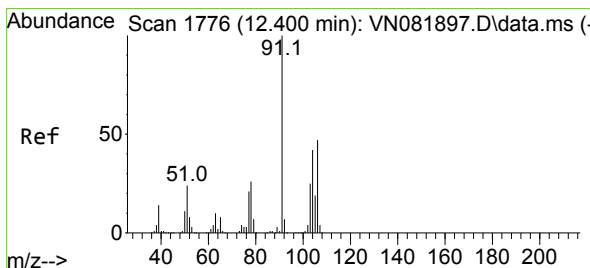
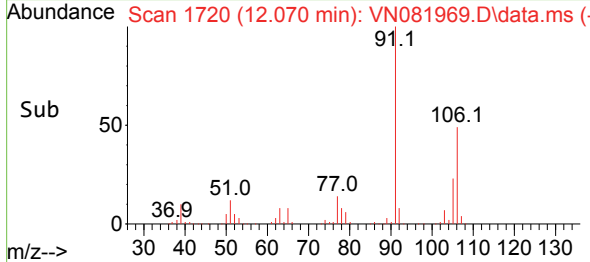
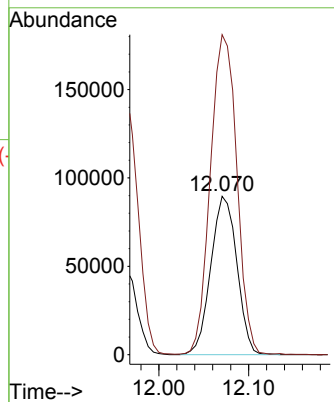
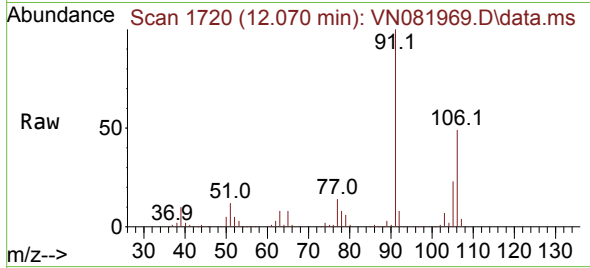




#67
m/p-Xylenes
Concen: 36.821 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

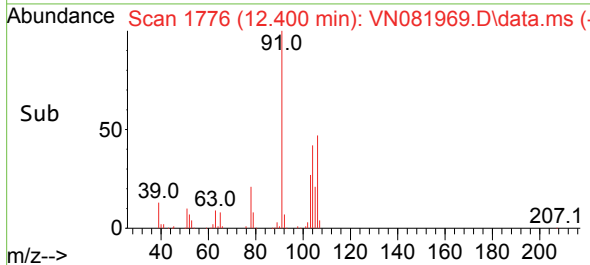
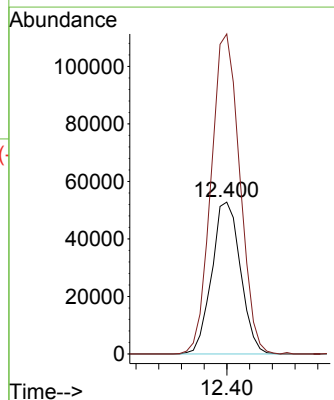
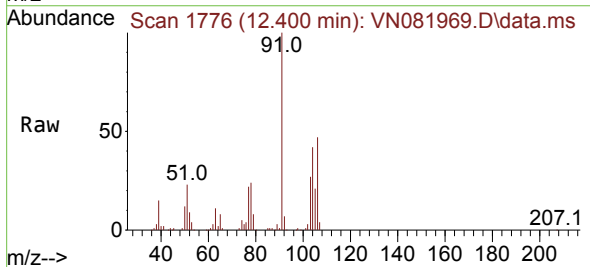
Instrument :
MSVOA_N
ClientSampleId :

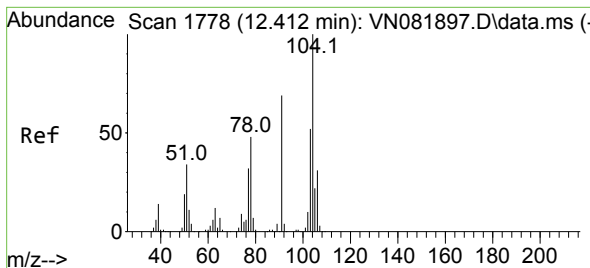
Tgt Ion:106 Resp: 180979
Ion Ratio Lower Upper
106 100
91 204.5 166.6 249.8



#68
o-Xylene
Concen: 19.046 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion:106 Resp: 92622
Ion Ratio Lower Upper
106 100
91 210.6 110.0 330.0





#69

Styrene

Concen: 18.651 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

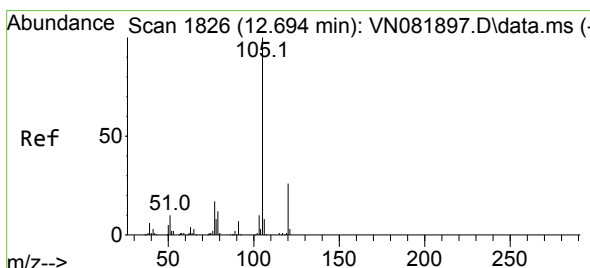
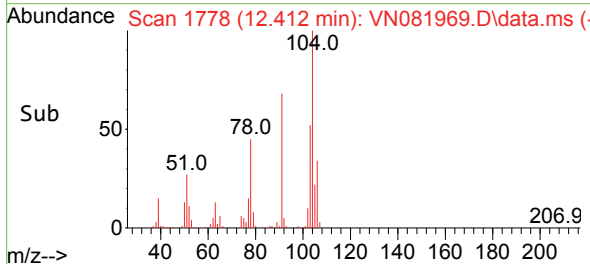
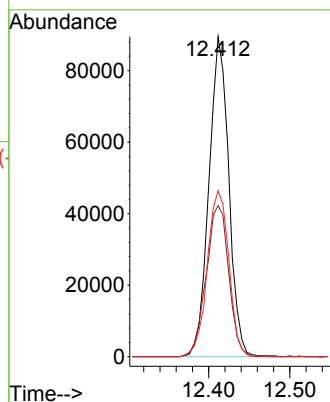
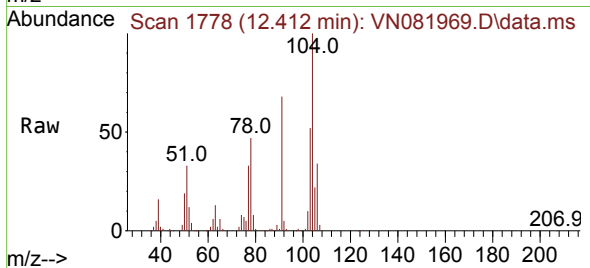
Tgt Ion:104 Resp: 152254

Ion Ratio Lower Upper

104 100

78 53.4 42.6 64.0

103 56.1 43.7 65.5



#70

Isopropylbenzene

Concen: 18.346 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081969.D

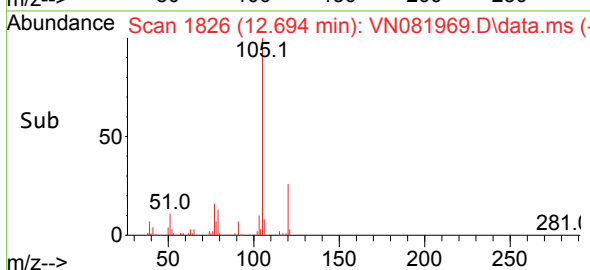
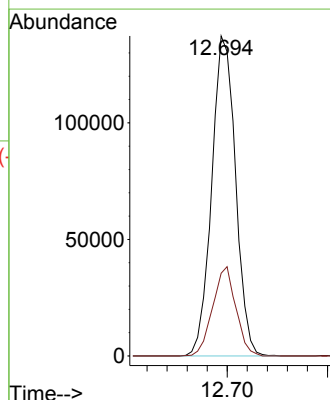
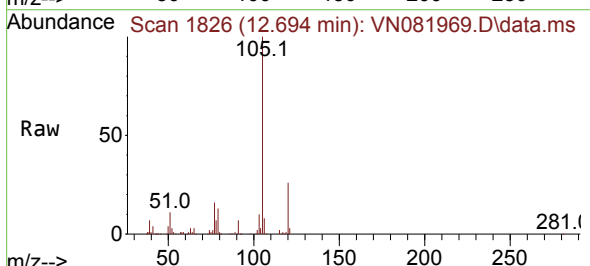
Acq: 02 May 2024 09:25

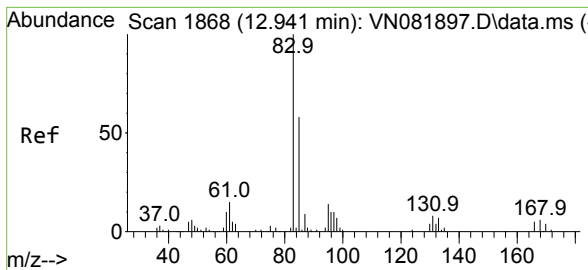
Tgt Ion:105 Resp: 226586

Ion Ratio Lower Upper

105 100

120 27.1 17.8 33.1

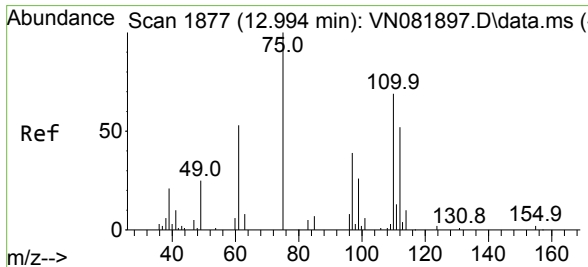
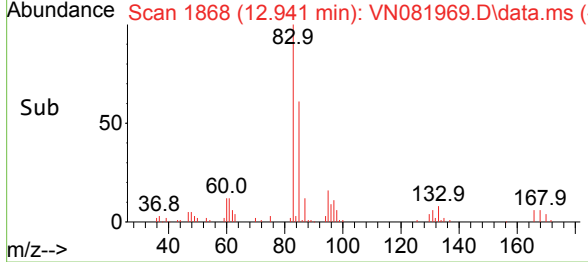
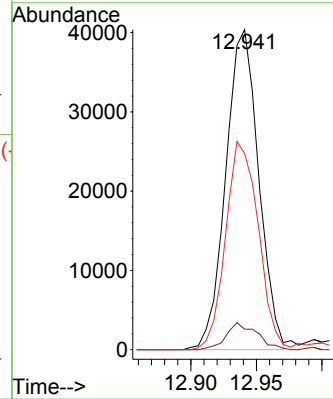
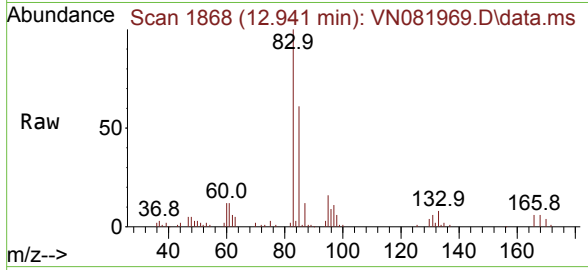




#71
1,1,2,2-Tetrachloroethane
Concen: 19.797 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

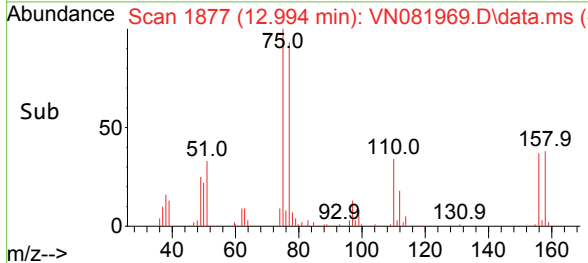
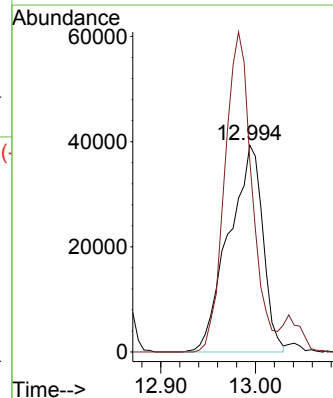
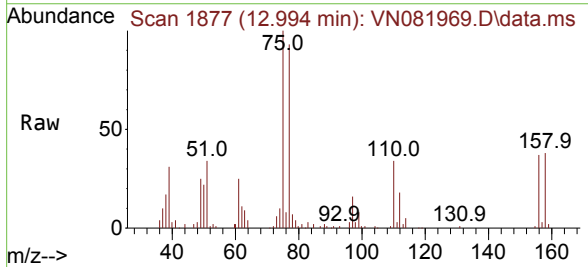
Instrument :
MSVOA_N
ClientSampleId :

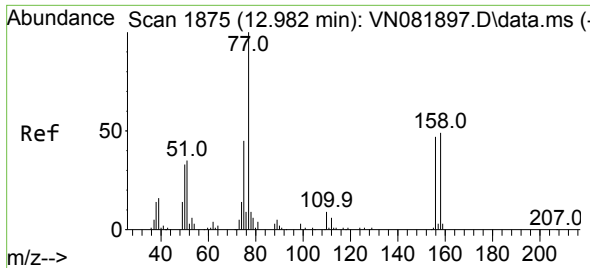
Tgt Ion: 83 Resp: 70362
Ion Ratio Lower Upper
83 100
131 7.9 5.2 15.6
85 64.6 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 29.635 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 75 Resp: 98470
Ion Ratio Lower Upper
75 100
77 124.1 0.0 367.6

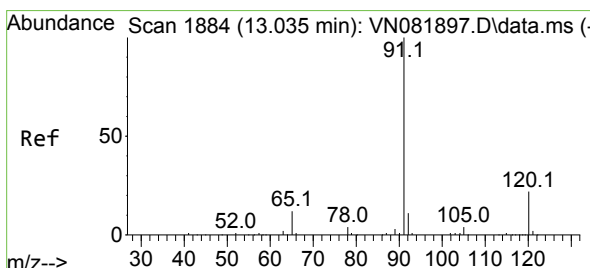
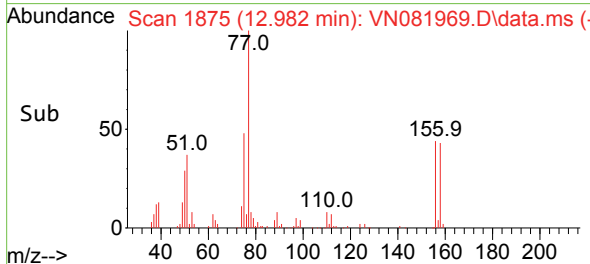
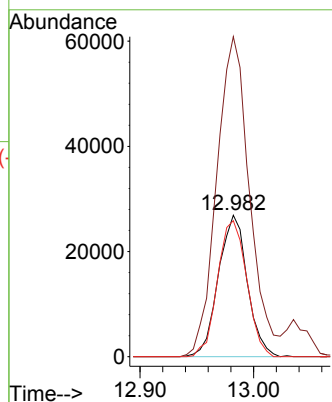
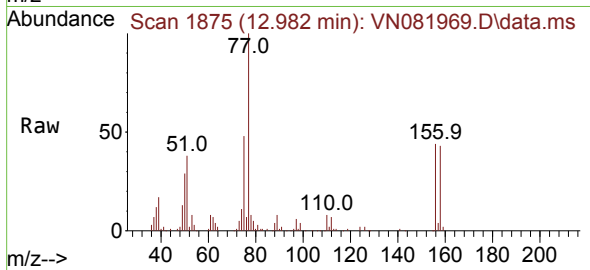




#73
Bromobenzene
Concen: 17.977 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

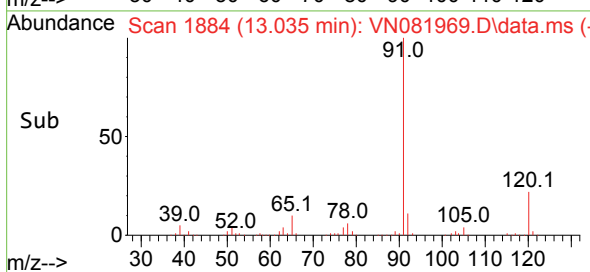
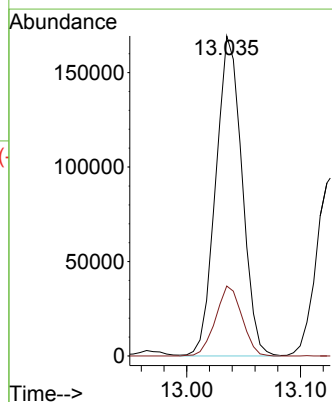
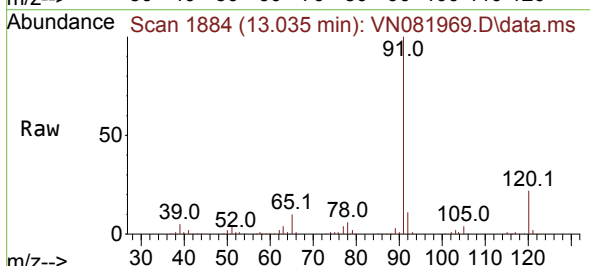
Instrument :
MSVOA_N
ClientSampleId :

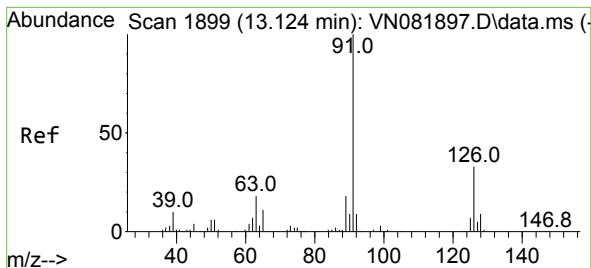
Tgt Ion	Ratio	Lower	Upper
156	100		
77	257.1	0.0	437.6
158	97.1	0.0	203.8



#74
n-propylbenzene
Concen: 18.662 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	43.8





#75

2-Chlorotoluene

Concen: 18.333 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

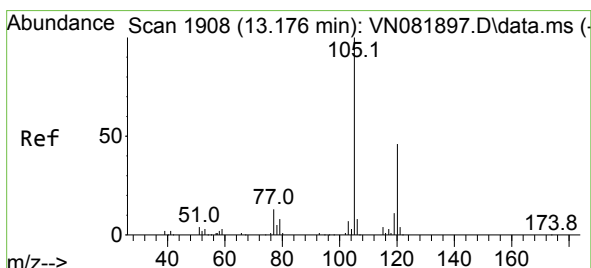
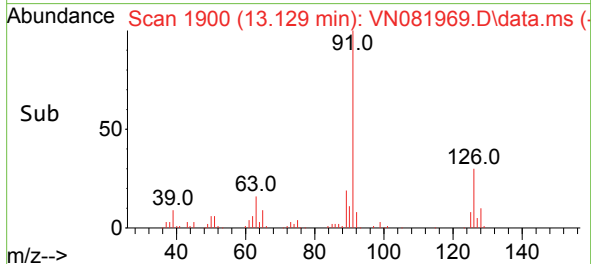
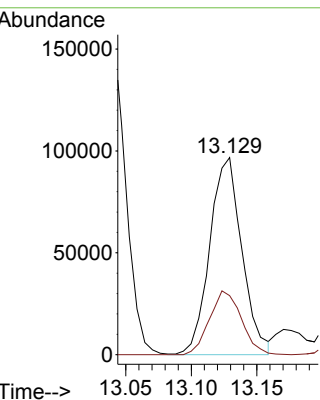
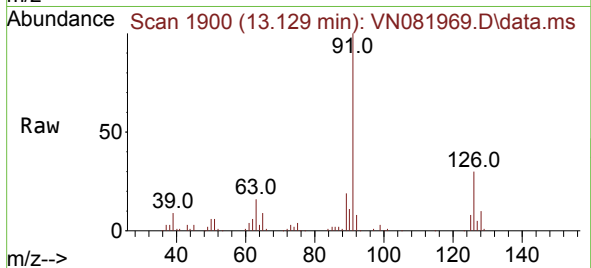
ClientSampleId :

Tgt Ion: 91 Resp: 165258

Ion Ratio Lower Upper

91 100

126 32.0 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 18.615 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081969.D

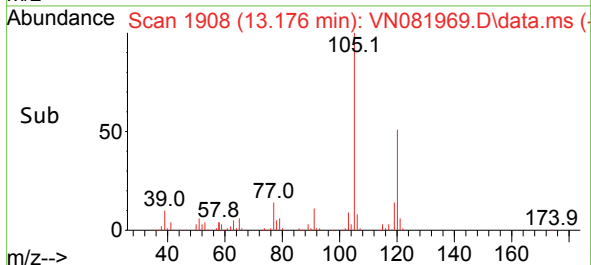
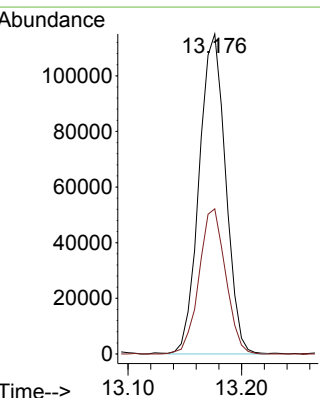
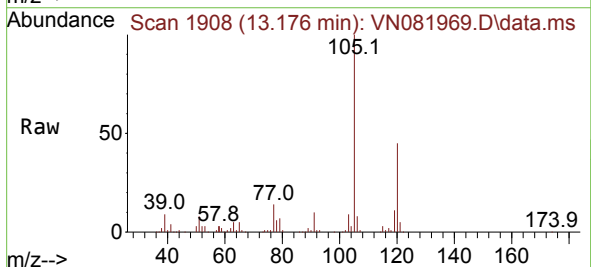
Acq: 02 May 2024 09:25

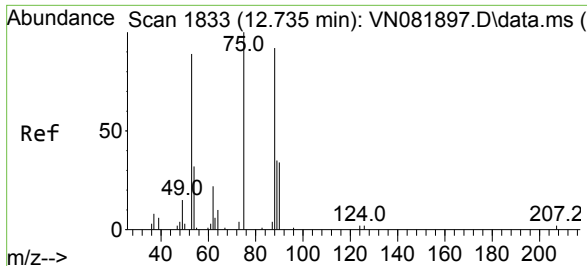
Tgt Ion:105 Resp: 186092

Ion Ratio Lower Upper

105 100

120 45.6 0.0 95.8

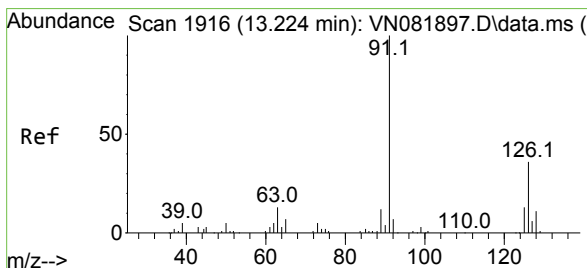
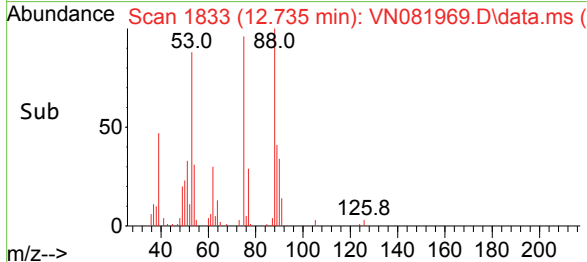
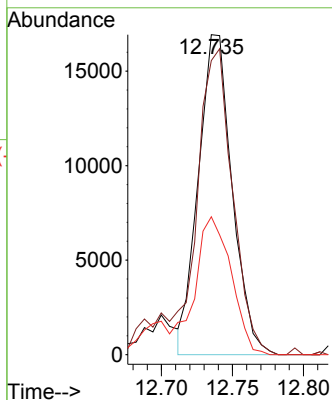
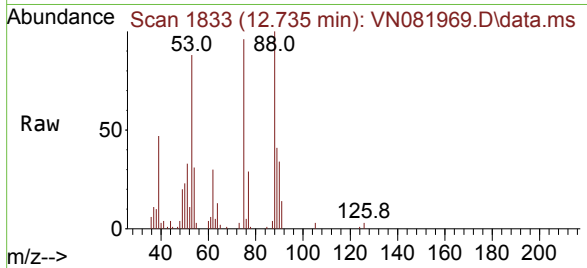




#77
 t-1,4-Dichloro-2-butene
 Concen: 18.880 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

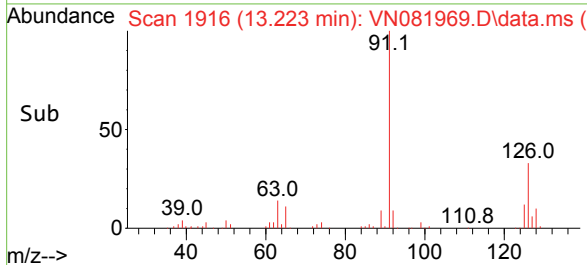
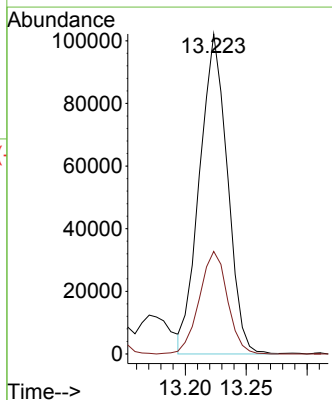
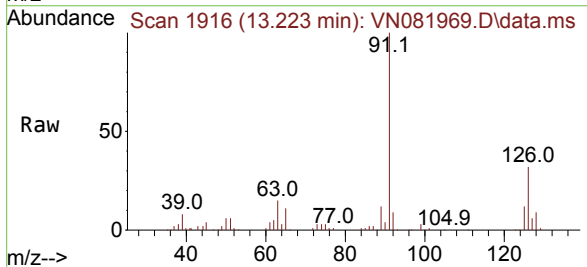
Instrument :
 MSVOA_N
 ClientSampleId :

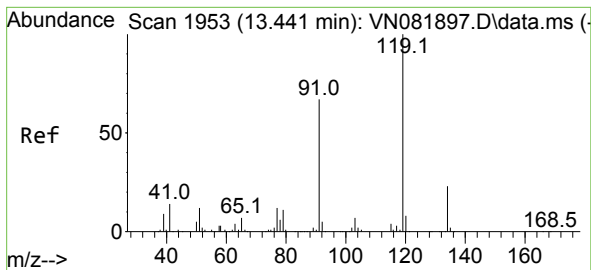
Tgt Ion: 75 Resp: 27923
 Ion Ratio Lower Upper
 75 100
 53 91.9 45.9 137.7
 89 43.1 25.9 77.7



#78
 4-Chlorotoluene
 Concen: 18.379 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

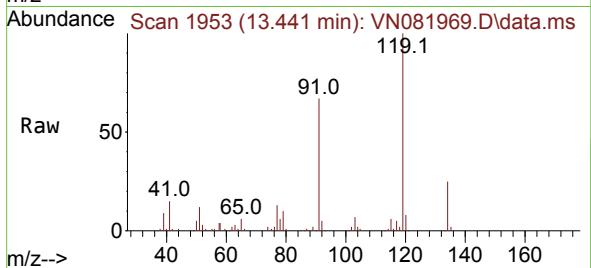
Tgt Ion: 91 Resp: 162304
 Ion Ratio Lower Upper
 91 100
 126 32.4 0.0 62.8



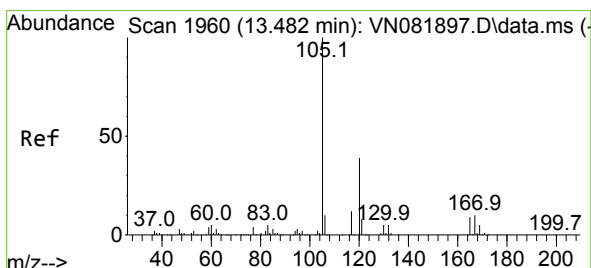
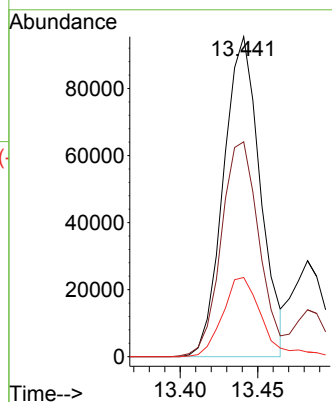
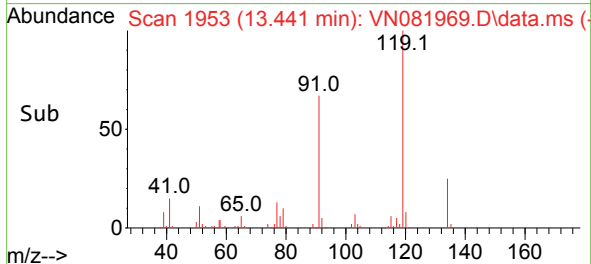


#79
tert-butylbenzene
Concen: 18.324 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

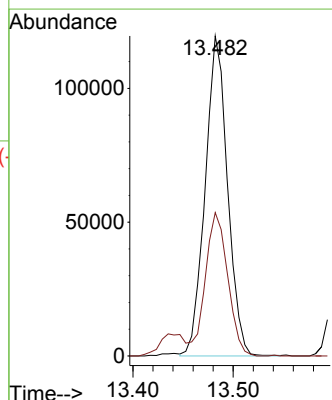
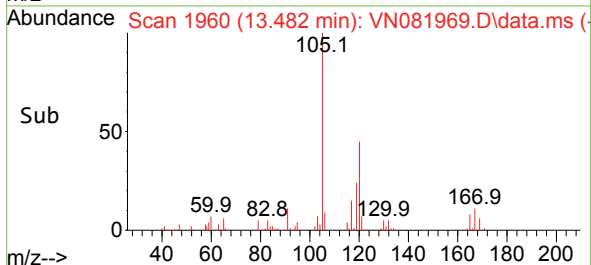
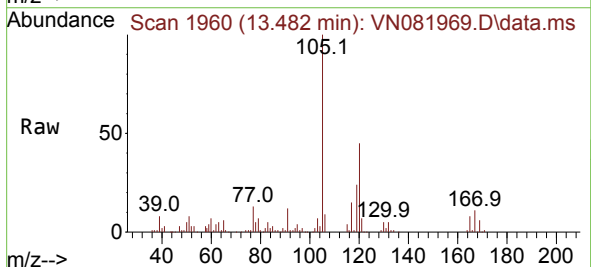


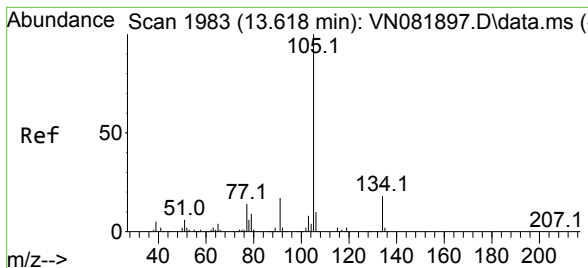
Tgt Ion:119 Resp: 157722
Ion Ratio Lower Upper
119 100
91 68.8 0.0 138.8
134 26.5 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 18.507 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion:105 Resp: 185839
Ion Ratio Lower Upper
105 100
120 45.1 0.0 86.8





#81

sec-Butylbenzene

Concen: 19.208 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

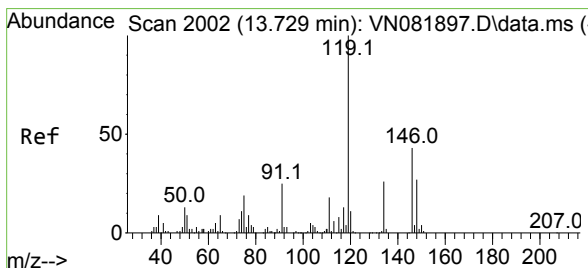
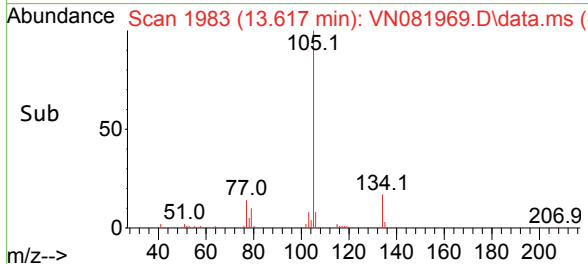
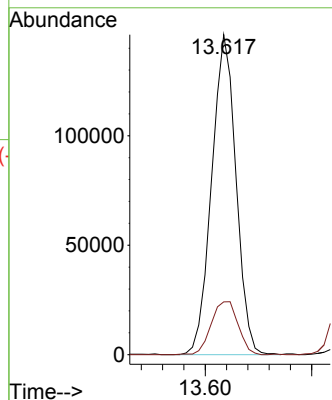
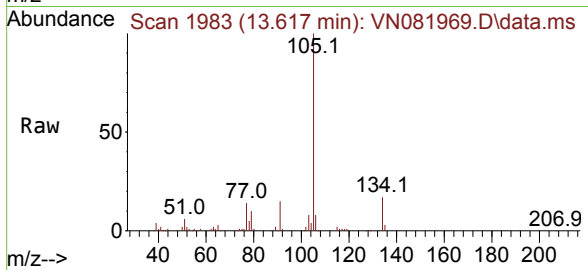
ClientSampleId :

Tgt Ion:105 Resp: 231750

Ion Ratio Lower Upper

105 100

134 18.3 0.0 39.0



#82

p-Isopropyltoluene

Concen: 18.402 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

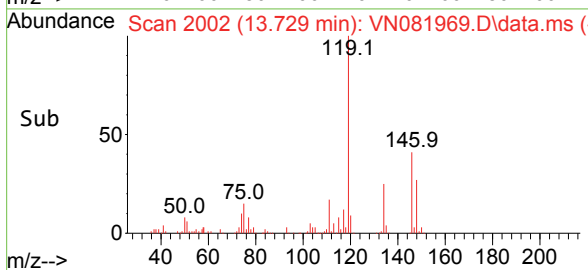
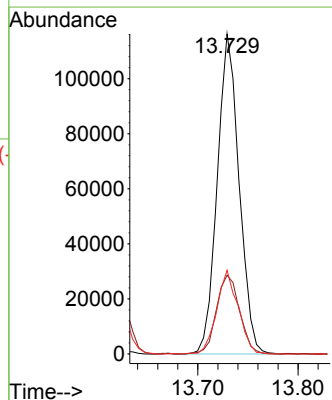
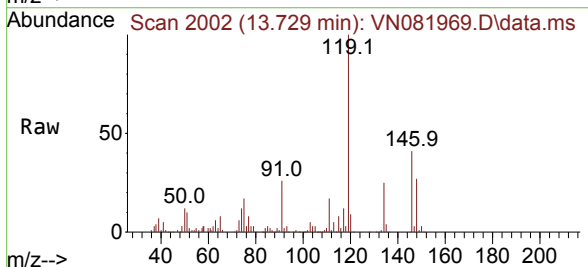
Tgt Ion:119 Resp: 175572

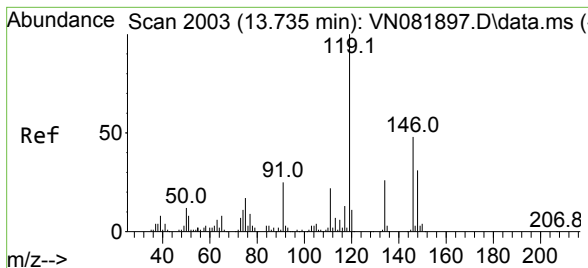
Ion Ratio Lower Upper

119 100

134 26.1 0.0 49.2

91 25.5 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 18.621 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

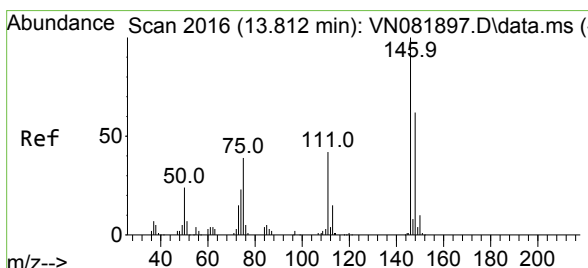
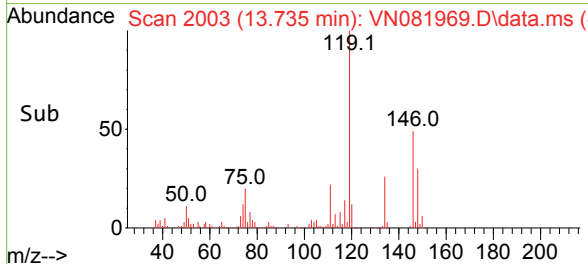
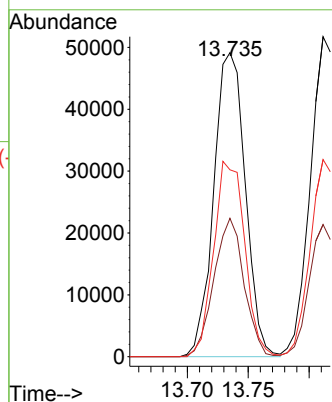
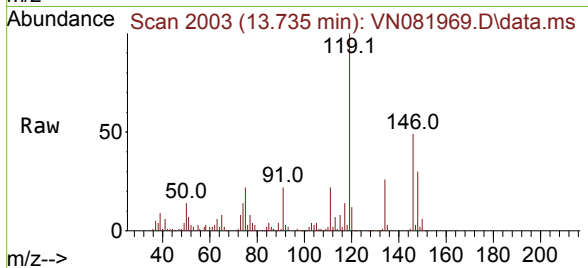
Tgt Ion:146 Resp: 88643

Ion Ratio Lower Upper

146 100

111 43.5 22.4 67.0

148 63.2 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 18.308 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

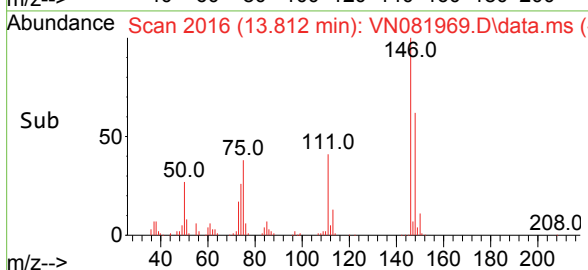
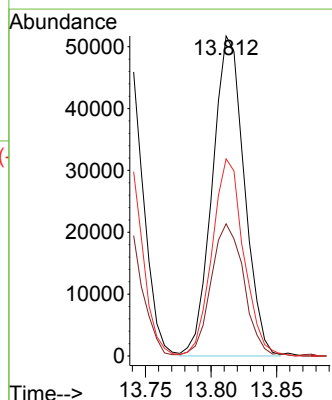
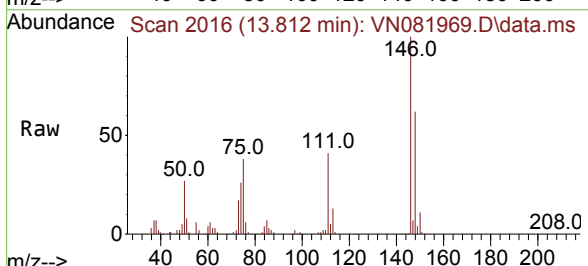
Tgt Ion:146 Resp: 87601

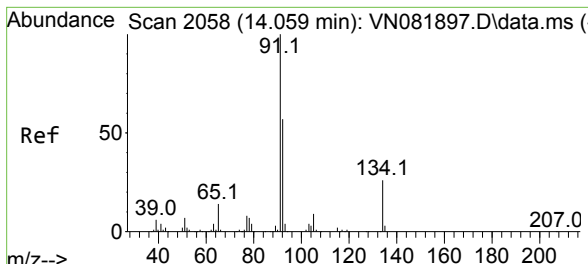
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.9

148 61.0 31.9 95.5

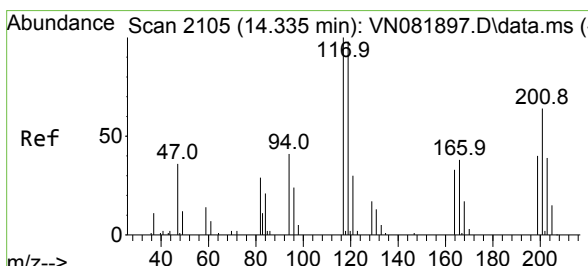
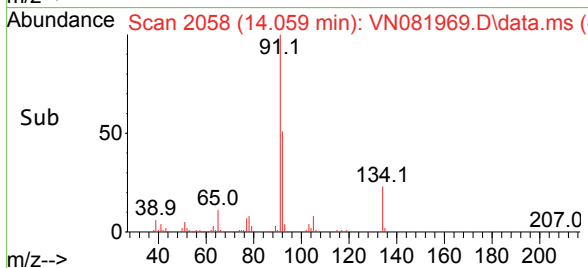
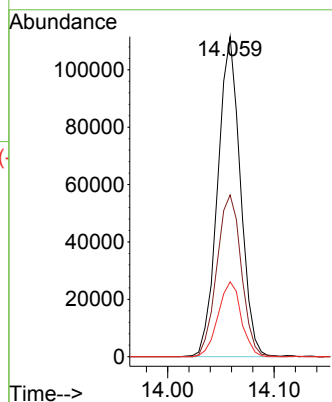
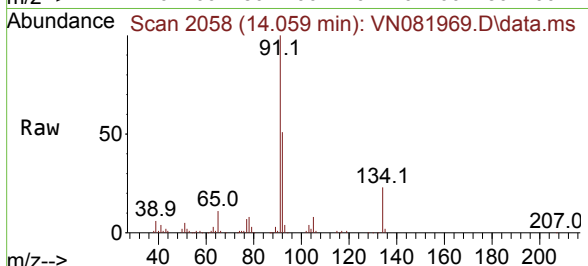




#85
n-Butylbenzene
Concen: 18.883 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

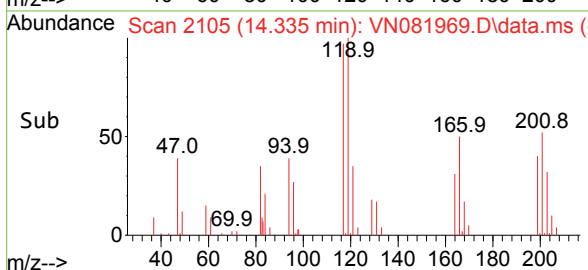
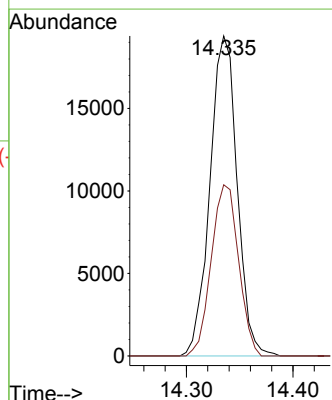
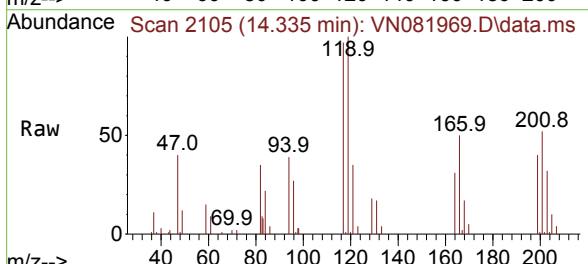
Instrument :
MSVOA_N
ClientSampleId :

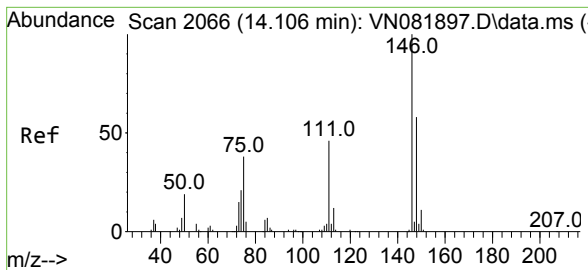
Tgt Ion: 91 Resp: 164564
Ion Ratio Lower Upper
91 100
92 54.5 0.0 105.0
134 23.9 0.0 51.8



#86
Hexachloroethane
Concen: 18.110 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion: 117 Resp: 34452
Ion Ratio Lower Upper
117 100
201 53.6 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 18.940 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081969.D

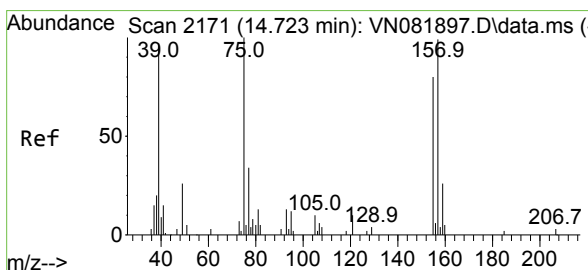
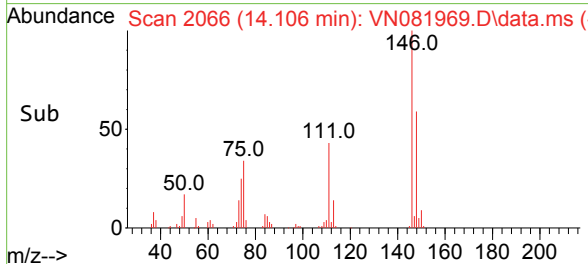
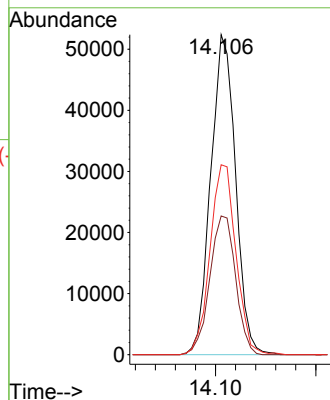
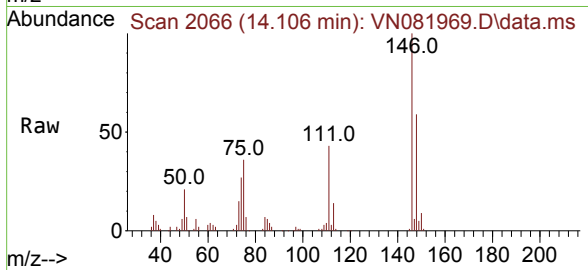
Acq: 02 May 2024 09:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	89801
Ion Ratio	Lower	Upper
146	100	
111	45.1	22.6 67.8
148	62.0	31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.881 ug/l

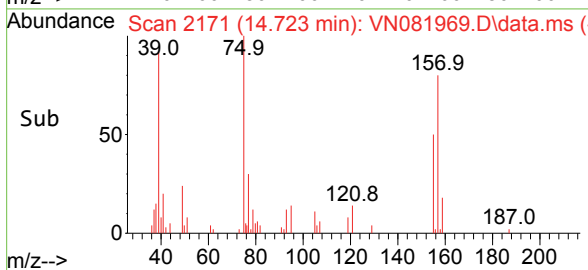
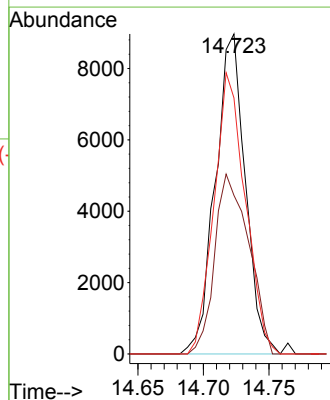
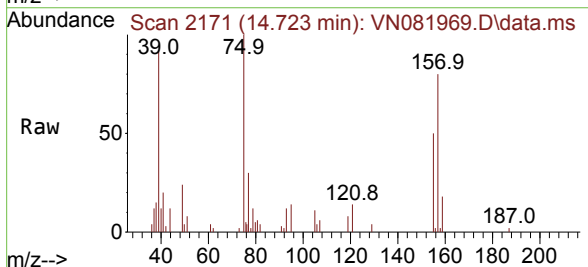
RT: 14.723 min Scan# 2171

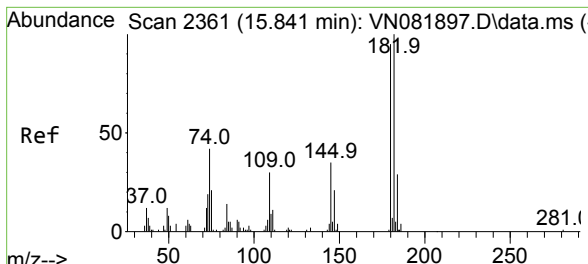
Delta R.T. -0.000 min

Lab File: VN081969.D

Acq: 02 May 2024 09:25

Tgt Ion: 75	Resp:	14261
Ion Ratio	Lower	Upper
75	100	
155	64.0	61.7 92.5
157	91.6	83.6 125.4

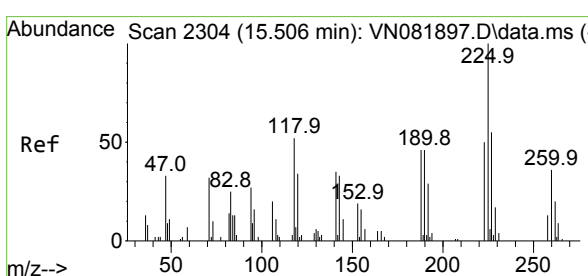
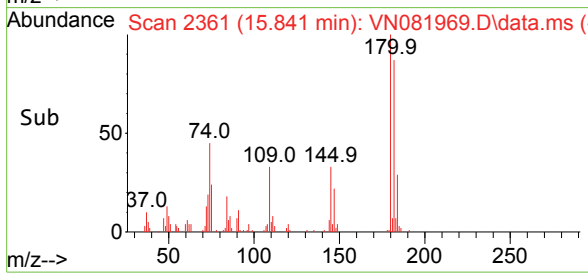
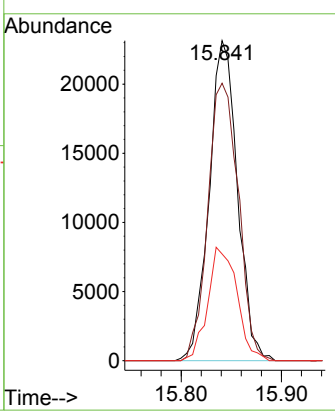
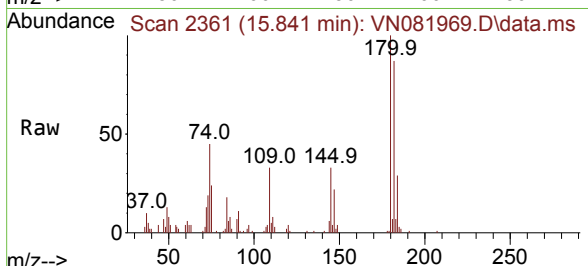




#89
 1,2,4-Trichlorobenzene
 Concen: 17.433 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

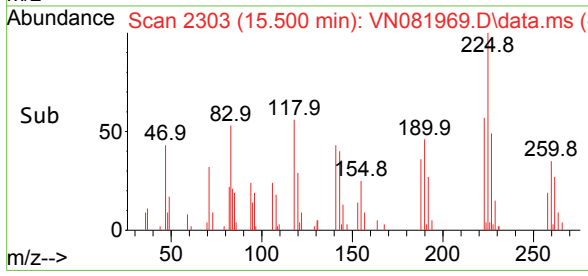
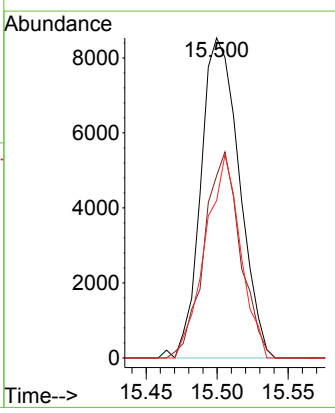
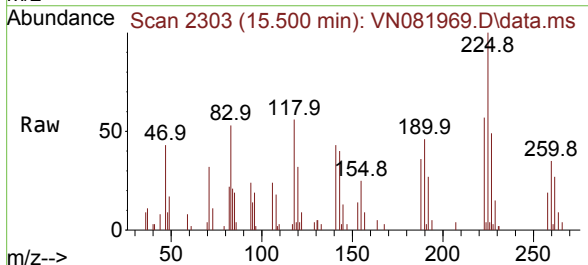
Instrument :
 MSVOA_N
 ClientSampleId :

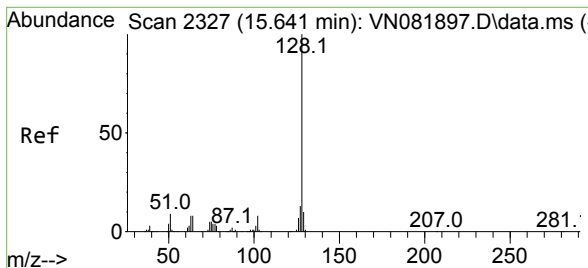
Tgt Ion:	180	Resp:	45512
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.4	114.6
145	36.5	28.4	42.6



#90
 Hexachlorobutadiene
 Concen: 16.516 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081969.D
 Acq: 02 May 2024 09:25

Tgt Ion:	225	Resp:	15969
Ion Ratio	Lower	Upper	
225	100		
223	60.9	0.0	126.6
227	58.3	0.0	126.6

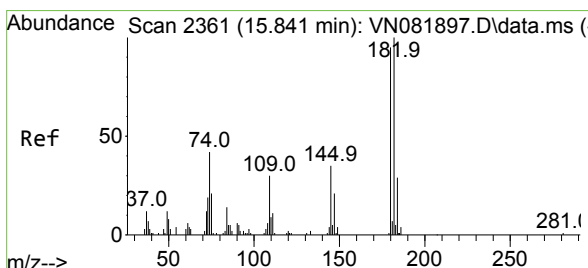
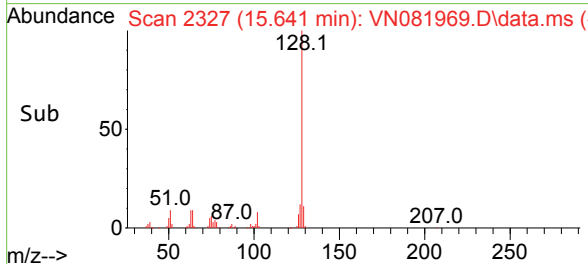
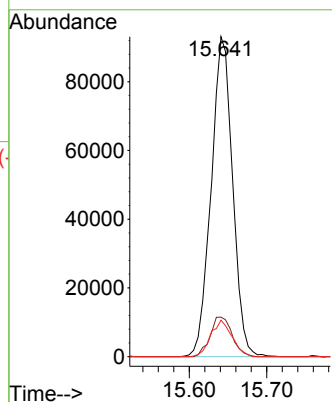
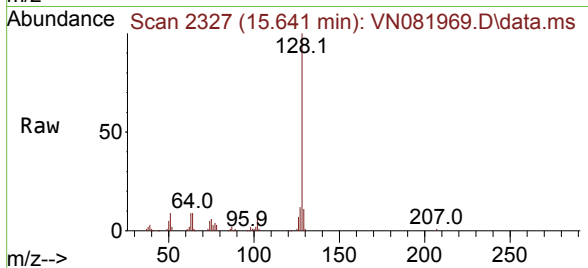




#91
Naphthalene
Concen: 18.075 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 179382
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.3 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 17.433 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081969.D
Acq: 02 May 2024 09:25

Tgt Ion:180 Resp: 45512
Ion Ratio Lower Upper
180 100
182 93.4 0.0 191.0
145 36.5 0.0 71.0

