

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082318.D
 Acq On : 23 May 2024 13:53
 Operator : JC\MD
 Sample : VN0523MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140220	48.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	8.165	113	96889	49.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	10.571	98	368112	49.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.853	95	134214	50.120	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	48584	18.317	ug/l	98
3) Chloromethane	2.359	50	52776	17.557	ug/l	98
4) Vinyl Chloride	2.512	62	52166	18.460	ug/l	96
5) Bromomethane	2.953	94	29178	17.963	ug/l	99
6) Chloroethane	3.118	64	36328	19.687	ug/l	99
7) Trichlorofluoromethane	3.495	101	72135	19.493	ug/l	99
8) Diethyl Ether	3.965	74	25595	19.415	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.365	101	41217	19.067	ug/l	96
10) Methyl Iodide	4.589	142	38753	17.833	ug/l #	95
11) Tert butyl alcohol	5.524	59	46038	98.728	ug/l #	88
12) 1,1-Dichloroethene	4.347	96	38039	18.932	ug/l	84
13) Acrolein	4.183	56	36567	105.821	ug/l	100
14) Allyl chloride	5.024	41	84755	19.703	ug/l #	86
15) Acrylonitrile	5.724	53	124469	103.063	ug/l	99
16) Acetone	4.430	43	109747	92.095	ug/l	92
17) Carbon Disulfide	4.712	76	103931	16.016	ug/l	100
18) Methyl Acetate	5.030	43	62557	21.079	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	147470	20.080	ug/l	92
20) Methylene Chloride	5.283	84	47255	19.654	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	40961	18.708	ug/l #	80
22) Diisopropyl ether	6.671	45	175287	19.514	ug/l #	93
23) Vinyl Acetate	6.606	43	683261	96.478	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	87762	18.956	ug/l	99
25) 2-Butanone	7.488	43	181364	100.380	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	72766	18.764	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	50554	19.564	ug/l	80
28) Bromochloromethane	7.818	49	38525	18.546	ug/l #	73
29) Tetrahydrofuran	7.841	42	119884	103.344	ug/l #	82
30) Chloroform	7.965	83	87677	19.831	ug/l	98
31) Cyclohexane	8.259	56	80328	17.313	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	77602	19.784	ug/l	95
36) 1,1-Dichloropropene	8.377	75	61460	18.726	ug/l	95
37) Ethyl Acetate	7.565	43	76857	20.925	ug/l #	92
38) Carbon Tetrachloride	8.365	117	66343	19.941	ug/l	97
39) Methylcyclohexane	9.606	83	67706	18.820	ug/l	89
40) Benzene	8.606	78	189931	19.406	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41145	19.047	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	74613	19.822	ug/l	94
43) Isopropyl Acetate	8.694	43	143962	22.120	ug/l #	87
44) Trichloroethene	9.353	130	42864	19.280	ug/l	85
45) 1,2-Dichloropropane	9.624	63	49340	19.539	ug/l	98
46) Dibromomethane	9.706	93	33446	20.174	ug/l	97
47) Bromodichloromethane	9.888	83	70622	20.178	ug/l	97
48) Methyl methacrylate	9.682	41	63178	20.372	ug/l #	81
49) 1,4-Dioxane	9.694	88	18522	426.220	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	395963	107.080	ug/l	89
52) Toluene	10.635	92	117186	19.952	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	71938	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	75389	19.676	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	45360	21.252	ug/l	95
56) Ethyl methacrylate	10.876	69	76906	21.223	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	79952	20.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	197021	105.408	ug/l	90
59) 2-Hexanone	11.200	43	289126	106.785	ug/l	89
60) Dibromochloromethane	11.359	129	50113	21.275	ug/l	99
61) 1,2-Dibromoethane	11.471	107	43512	19.848	ug/l	99
64) Tetrachloroethene	11.106	164	44540	20.226	ug/l	98
65) Chlorobenzene	11.894	112	124172	18.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	44235	20.460	ug/l	99
67) Ethyl Benzene	11.965	91	229110	19.513	ug/l	94
68) m/p-Xylenes	12.076	106	165526	38.465	ug/l	94
69) o-Xylene	12.400	106	82611	19.818	ug/l	94
70) Styrene	12.412	104	138950	20.068	ug/l	95
71) Bromoform	12.582	173	32071	19.090	ug/l #	95
73) Isopropylbenzene	12.700	105	212075	19.620	ug/l	99
74) N-amyl acetate	12.494	43	114012	19.176	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	61629	19.779	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	87051	30.398	ug/l	63
77) Bromobenzene	12.982	156	48878	18.975	ug/l	87
78) n-propylbenzene	13.035	91	250252	19.551	ug/l	97
79) 2-Chlorotoluene	13.129	91	152709	19.000	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	172448	19.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21690	17.716	ug/l #	80
82) 4-Chlorotoluene	13.223	91	146856	18.688	ug/l	96
83) tert-Butylbenzene	13.441	119	151221	19.777	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	179601	20.085	ug/l	95
85) sec-Butylbenzene	13.617	105	211984	20.001	ug/l	98
86) p-Isopropyltoluene	13.729	119	181155	21.032	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	89537	19.186	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	88893	18.663	ug/l	95
89) n-Butylbenzene	14.059	91	162123	20.941	ug/l	96
90) Hexachloroethane	14.335	117	32434	20.324	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	88690	20.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14266	22.284	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	49787	20.106	ug/l	95
94) Hexachlorobutadiene	15.500	225	20668	19.022	ug/l	98
95) Naphthalene	15.641	128	190081	24.495	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	53141	21.438	ug/l	98

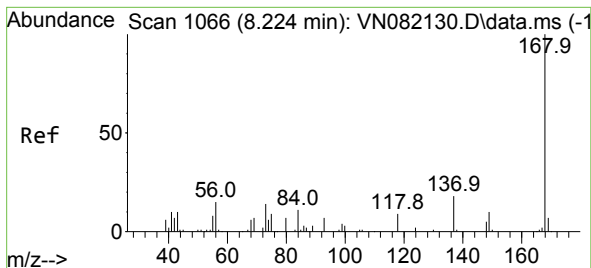
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

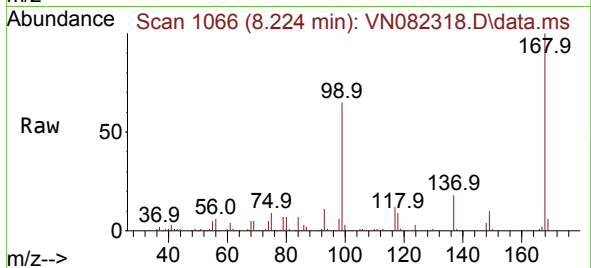
Lab File: VN082318.D

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Instrument :

MSVOA_N

ClientSampleId :

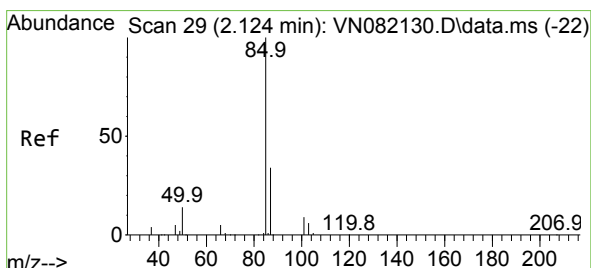
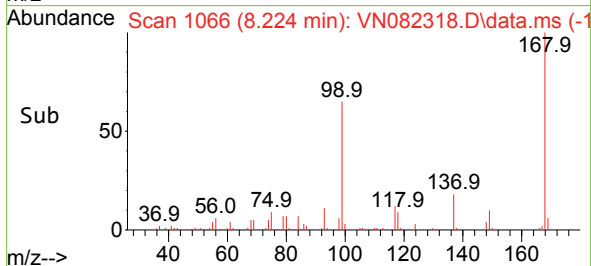
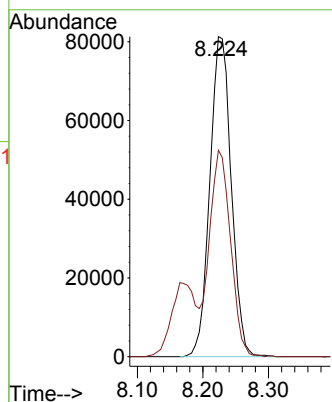


Tgt Ion:168 Resp: 183973

Ion Ratio Lower Upper

168 100

99 64.5 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.317 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082318.D

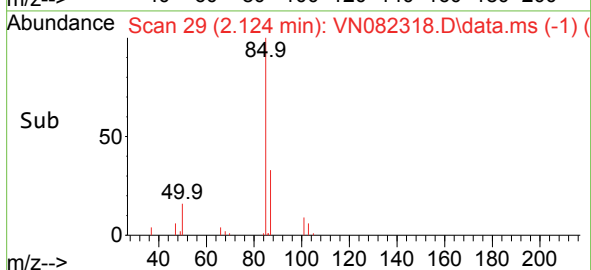
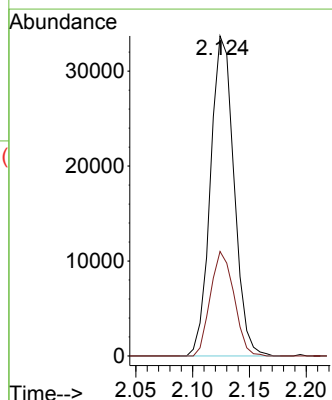
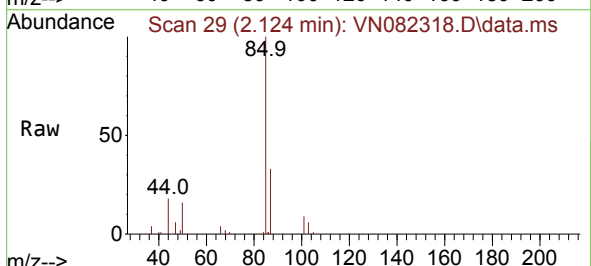
Acq: 23 May 2024 13:53

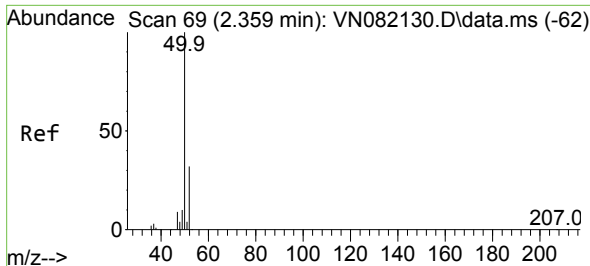
Tgt Ion: 85 Resp: 48584

Ion Ratio Lower Upper

85 100

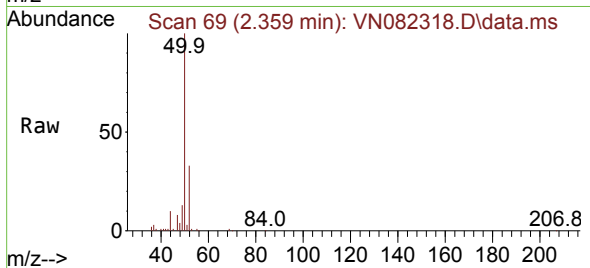
87 32.6 15.8 47.4



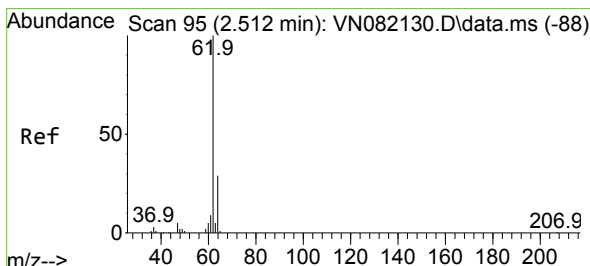
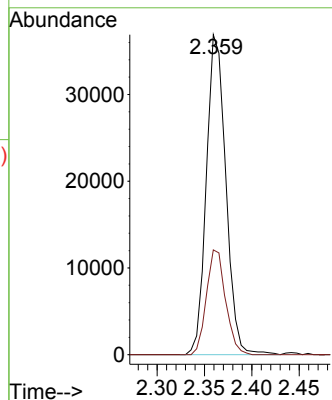
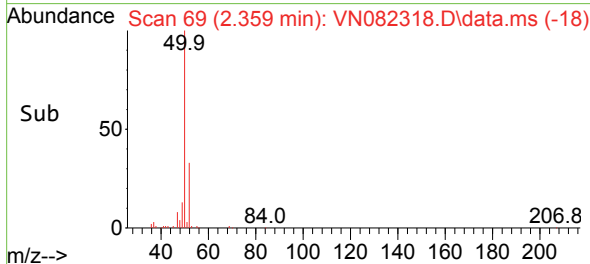


#3
Chloromethane
Concen: 17.557 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082318.D
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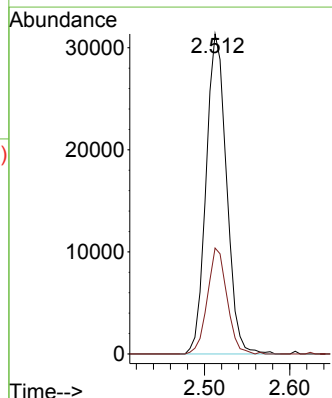
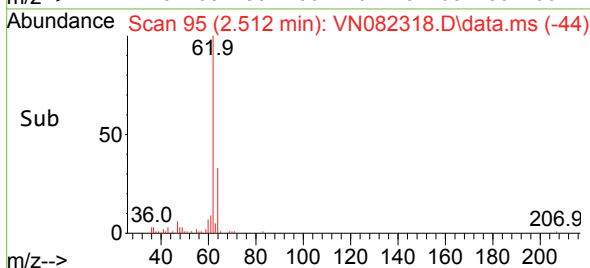
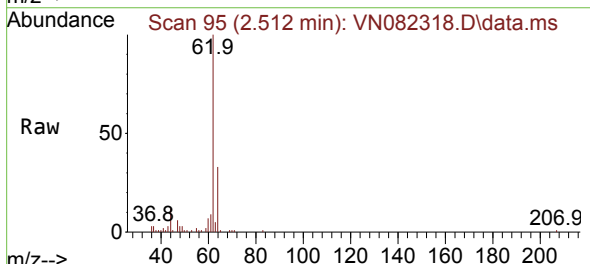


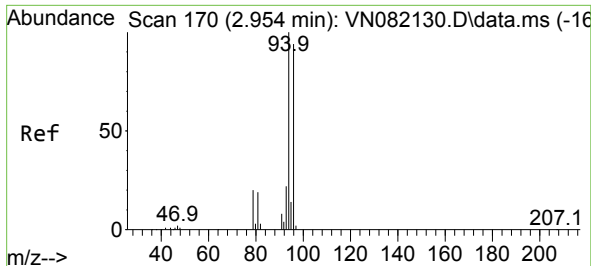
Tgt Ion: 50 Resp: 52776
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 18.460 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 62 Resp: 52166
Ion Ratio Lower Upper
62 100
64 33.1 24.6 37.0

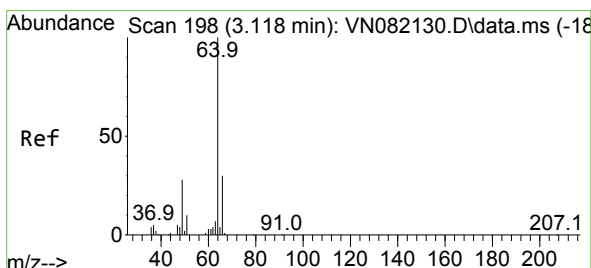
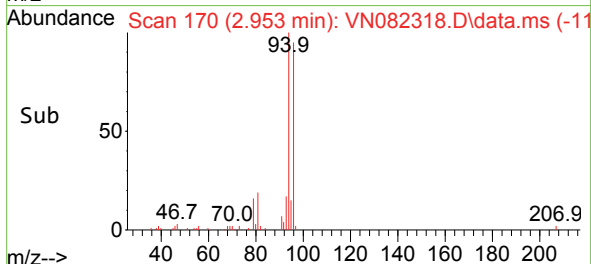
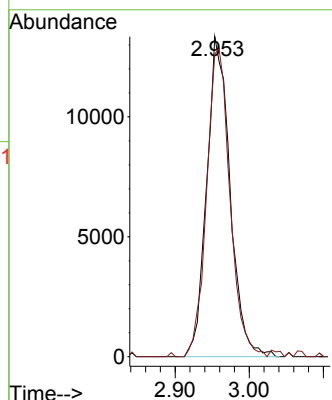
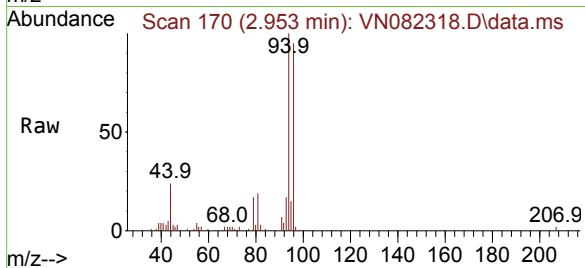




#5
Bromomethane
Concen: 17.963 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

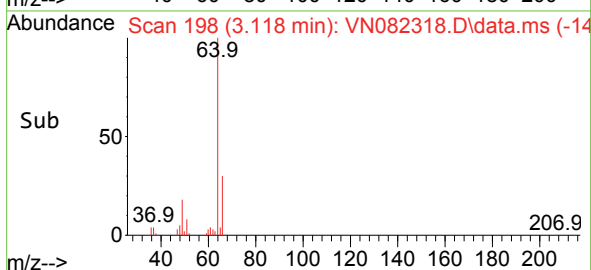
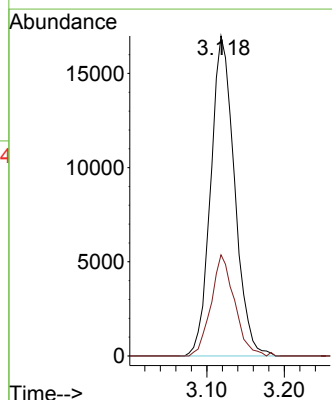
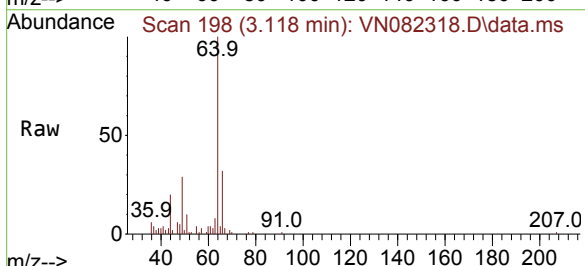
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MSVOA_N
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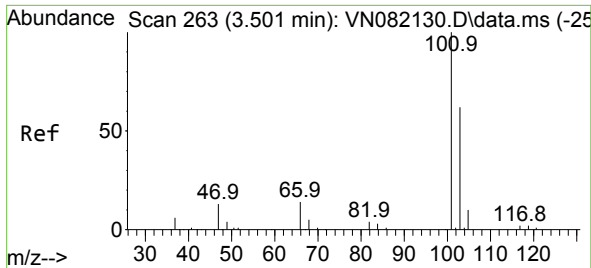
Tgt Ion: 94 Resp: 29178
Ion Ratio Lower Upper
94 100
96 94.5 74.8 112.2



#6
Chloroethane
Concen: 19.687 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

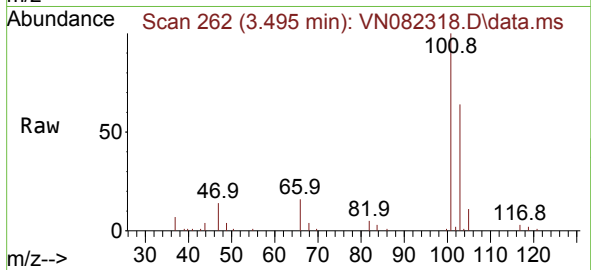
Tgt Ion: 64 Resp: 36328
Ion Ratio Lower Upper
64 100
66 31.6 24.7 37.1



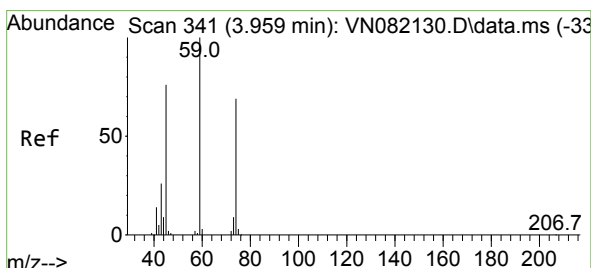
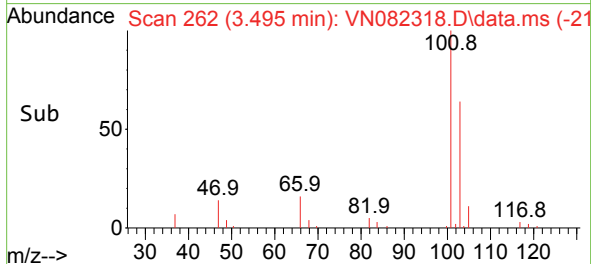
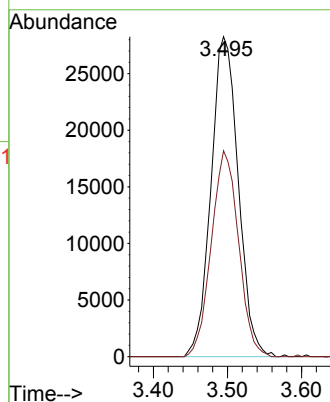


#7
 Trichlorofluoromethane
 Concen: 19.493 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082318.D
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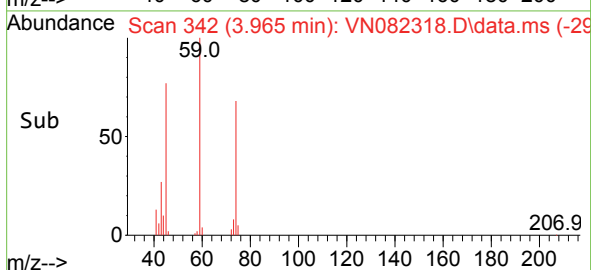
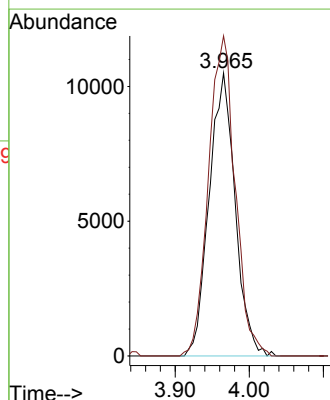
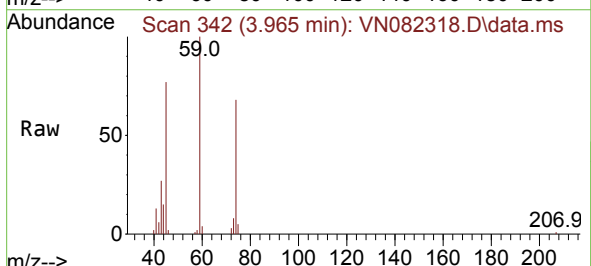


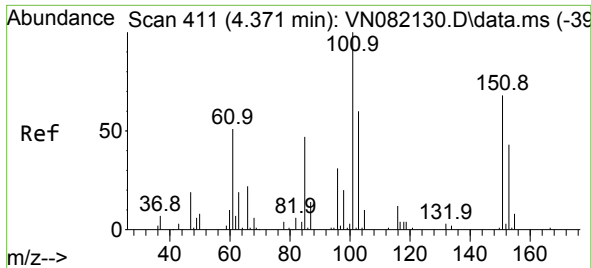
Tgt Ion:101 Resp: 72135
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 75.8



#8
 Diethyl Ether
 Concen: 19.415 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

Tgt Ion: 74 Resp: 25595
 Ion Ratio Lower Upper
 74 100
 45 116.2 42.4 127.3

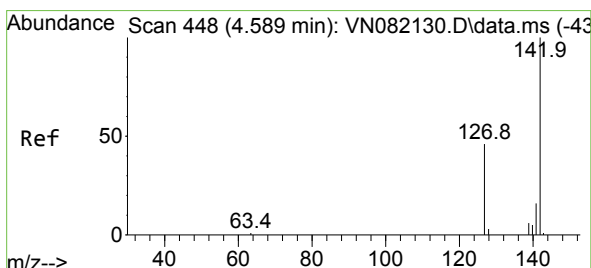
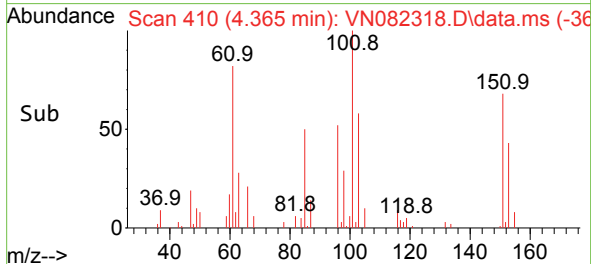
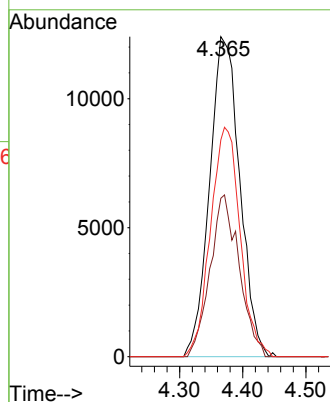
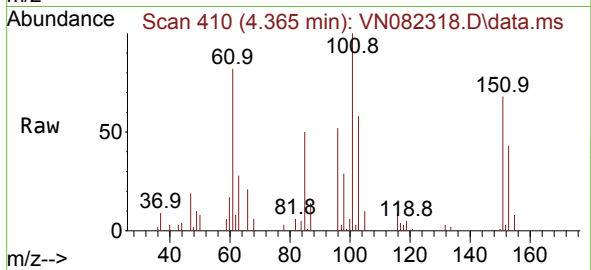




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.067 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082318.D
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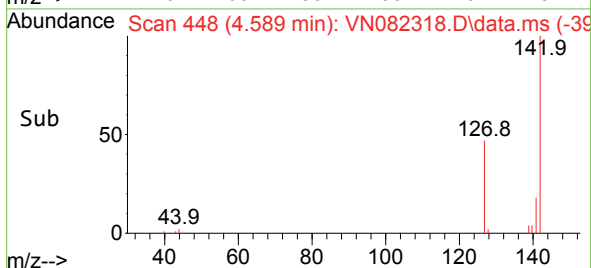
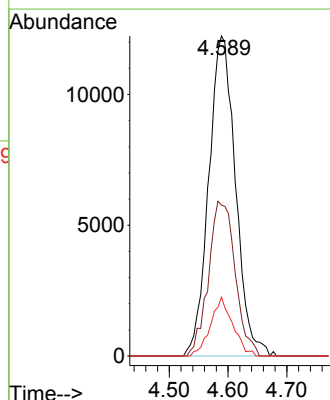
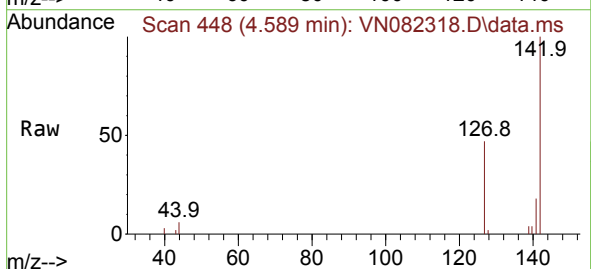
Instrument :
MSVOA_N
ClientSampleId :

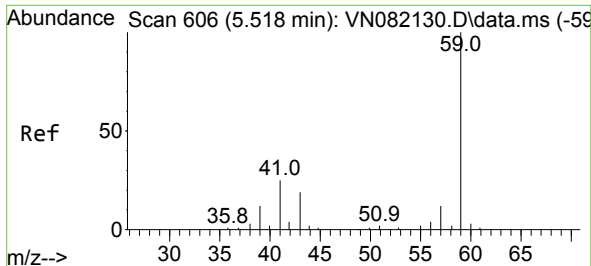
Tgt Ion:101 Resp: 41217
Ion Ratio Lower Upper
101 100
85 48.6 37.3 55.9
151 70.2 59.2 88.8



#10
Methyl Iodide
Concen: 17.833 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:142 Resp: 38753
Ion Ratio Lower Upper
142 100
127 47.1 35.8 53.6
141 18.4 11.4 17.2#

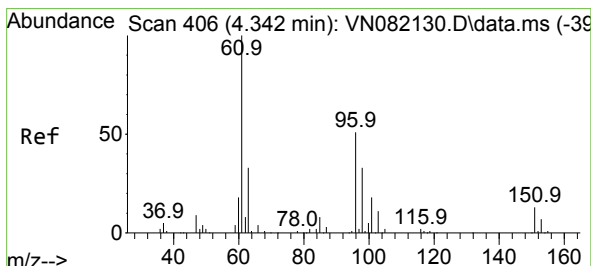
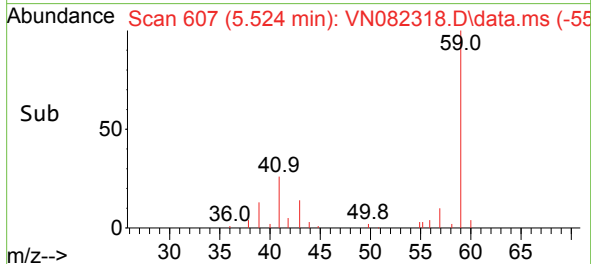
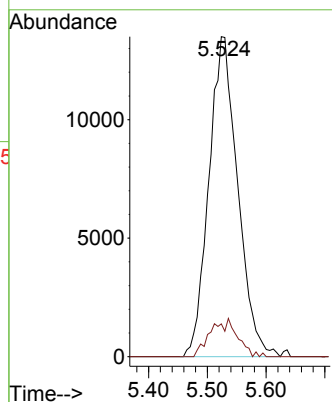
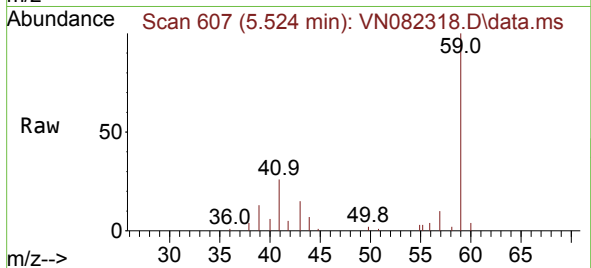




#11
Tert butyl alcohol
Concen: 98.728 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

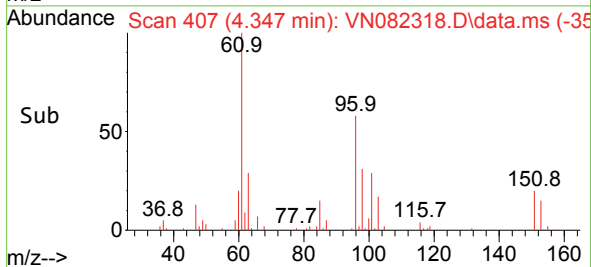
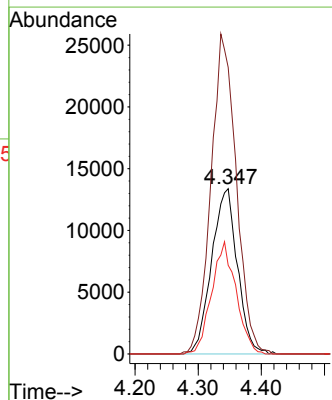
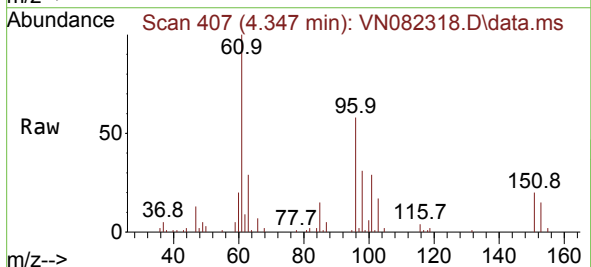
Instrument :
MSVOA_N
ClientSampleId :

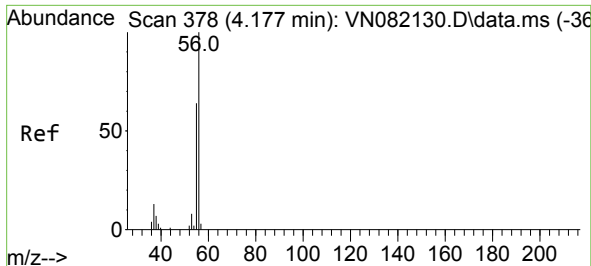
Tgt Ion: 59 Resp: 46038
Ion Ratio Lower Upper
59 100
57 6.4 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 18.932 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 96 Resp: 38039
Ion Ratio Lower Upper
96 100
61 173.3 119.7 179.5
98 53.7 49.6 74.4





#13

Acrolein

Concen: 105.821 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

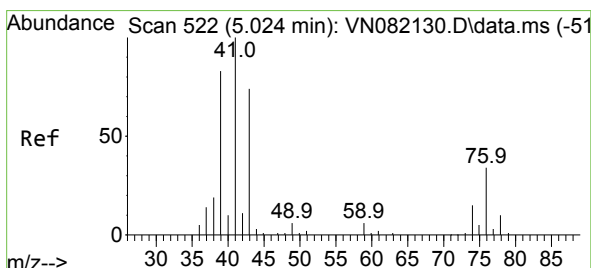
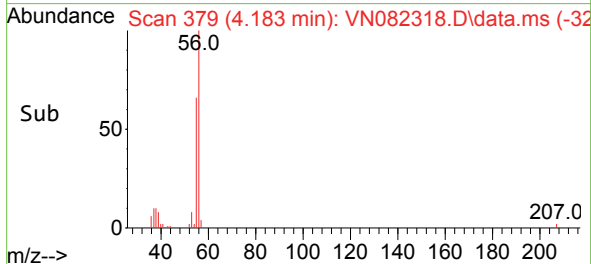
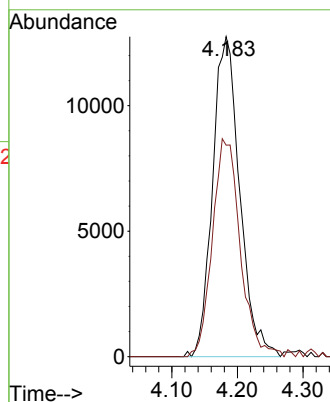
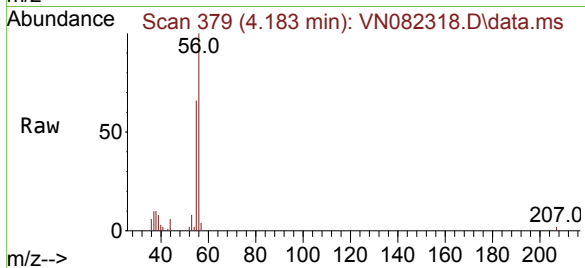
ClientSampleId :

Tgt Ion: 56 Resp: 36567

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



#14

Allyl chloride

Concen: 19.703 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

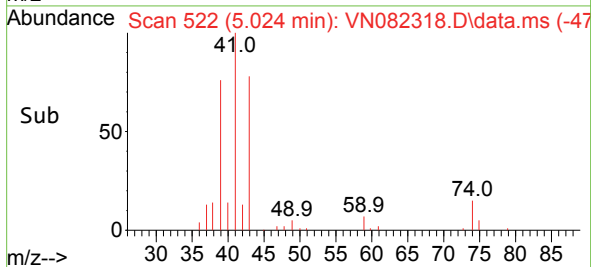
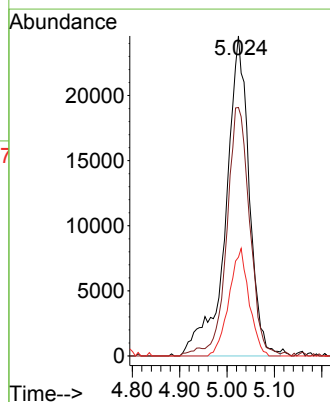
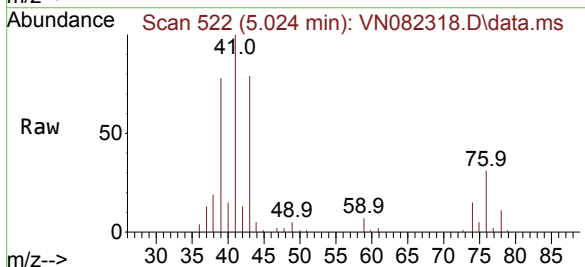
Tgt Ion: 41 Resp: 84755

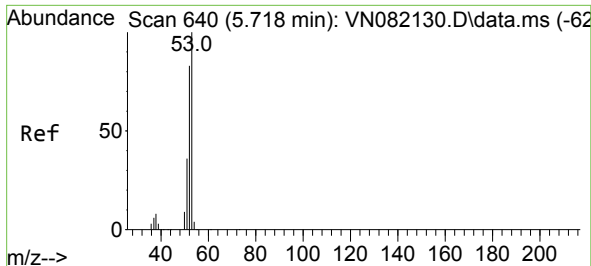
Ion Ratio Lower Upper

41 100

39 75.9 65.4 98.0

76 28.7 37.3 55.9#





#15

Acrylonitrile

Concen: 103.063 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

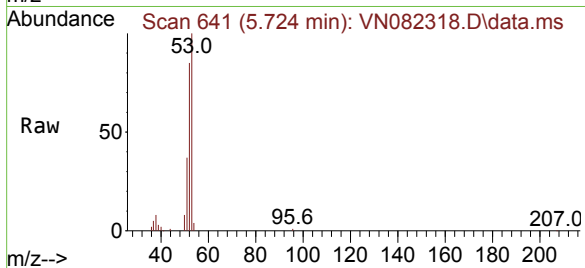
Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



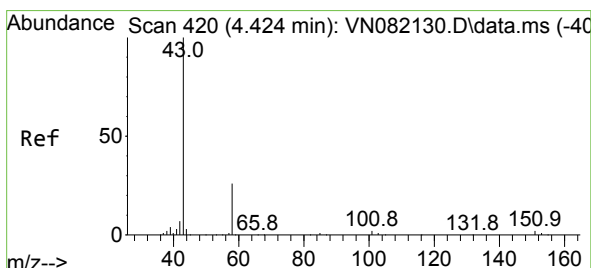
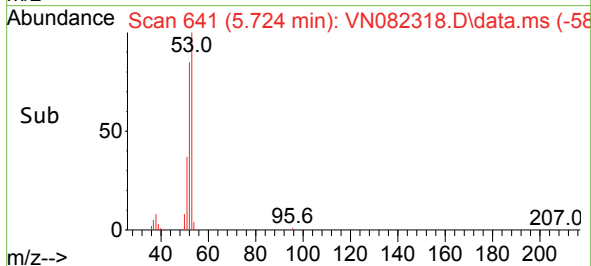
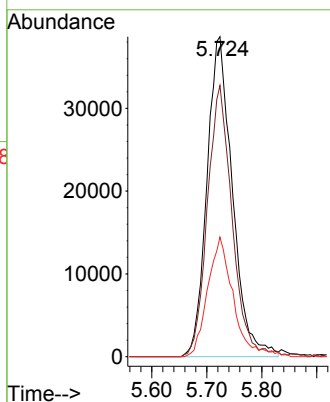
Tgt Ion: 53 Resp: 124469

Ion Ratio Lower Upper

53 100

52 82.2 66.1 99.1

51 37.5 29.4 44.2



#16

Acetone

Concen: 92.095 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082318.D

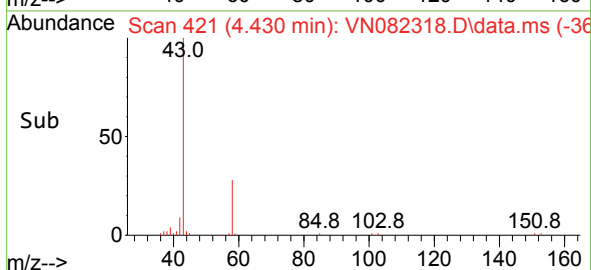
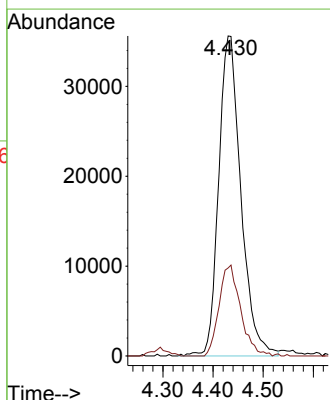
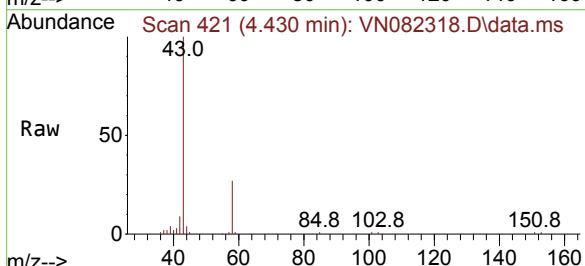
Acq: 23 May 2024 13:53

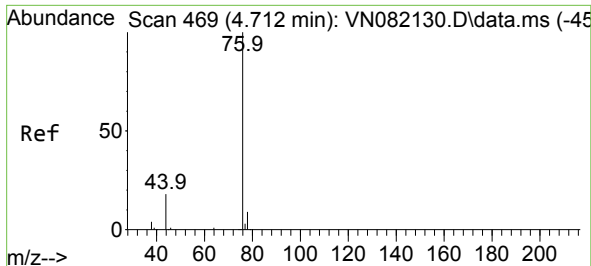
Tgt Ion: 43 Resp: 109747

Ion Ratio Lower Upper

43 100

58 27.0 25.2 37.8

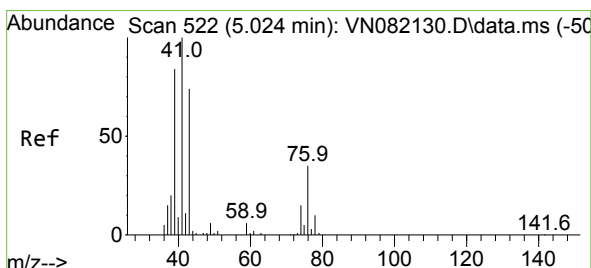
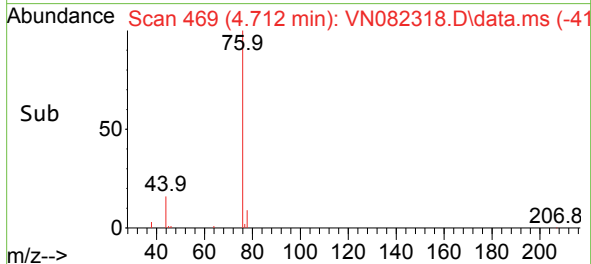
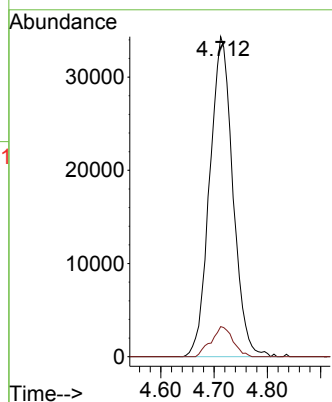
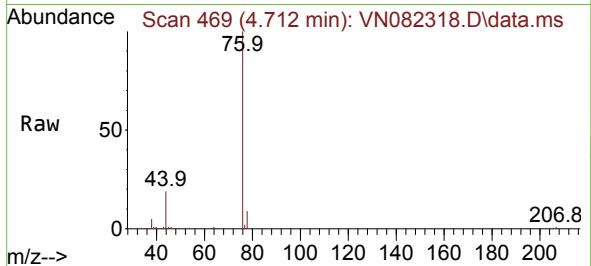




#17
Carbon Disulfide
Concen: 16.016 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

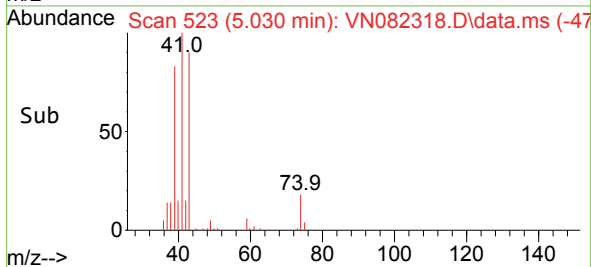
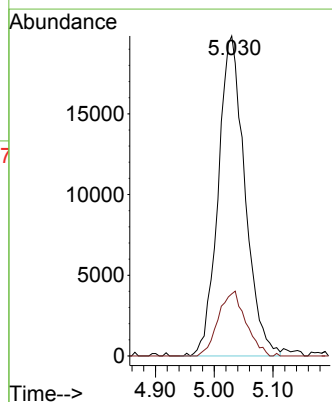
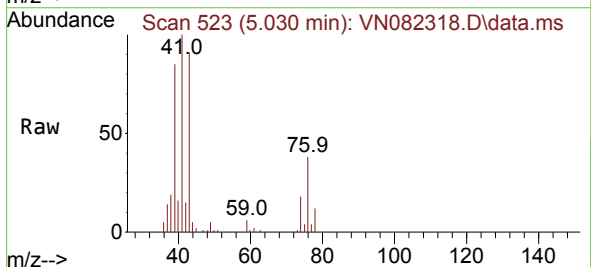
Instrument :
MSVOA_N
ClientSampleId :

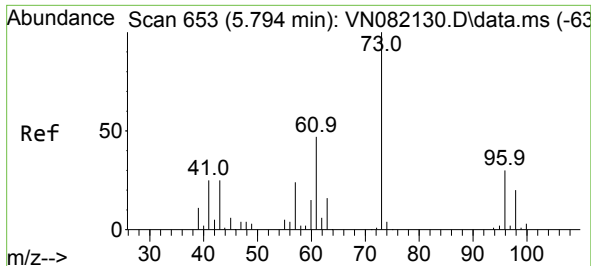
Tgt Ion: 76 Resp: 103931
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 21.079 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 43 Resp: 62557
Ion Ratio Lower Upper
43 100
74 20.8 22.2 33.2#

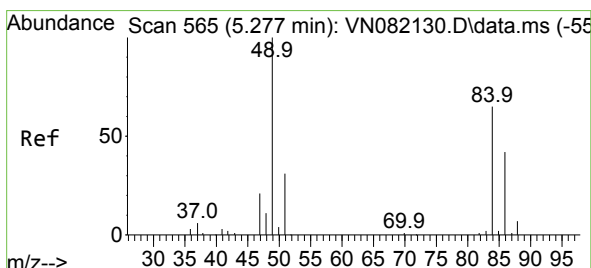
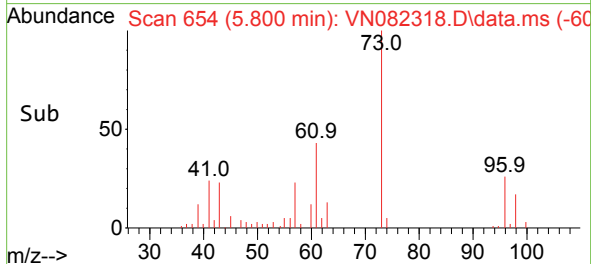
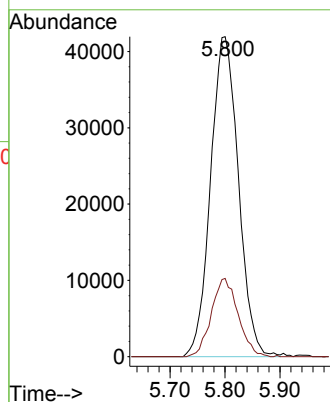
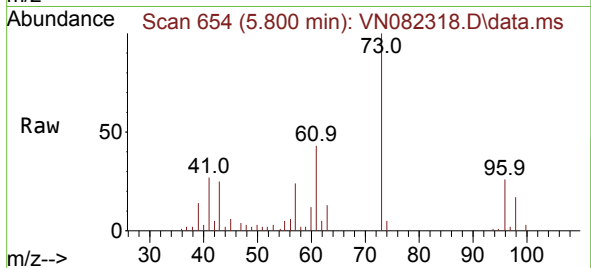




#19
Methyl tert-butyl Ether
Concen: 20.080 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

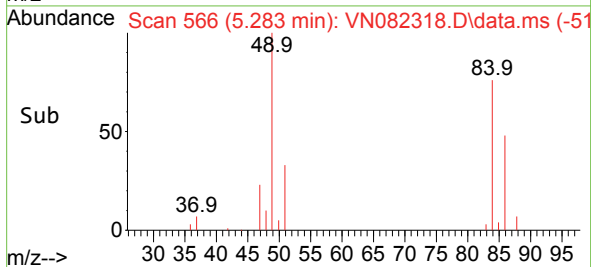
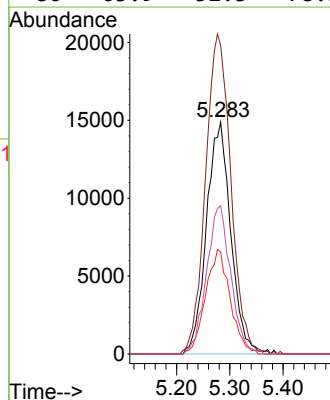
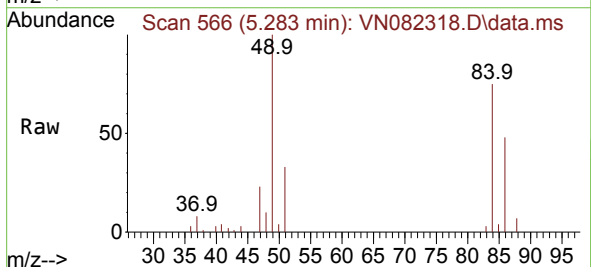
Instrument :
MSVOA_N
ClientSampleId :

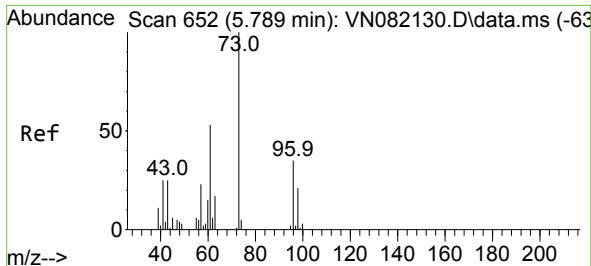
Tgt Ion: 73 Resp: 147470
Ion Ratio Lower Upper
73 100
57 24.5 16.5 24.7



#20
Methylene Chloride
Concen: 19.654 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 84 Resp: 47255
Ion Ratio Lower Upper
84 100
49 133.1 84.9 127.3#
51 44.0 27.0 40.6#
86 63.9 52.3 78.5

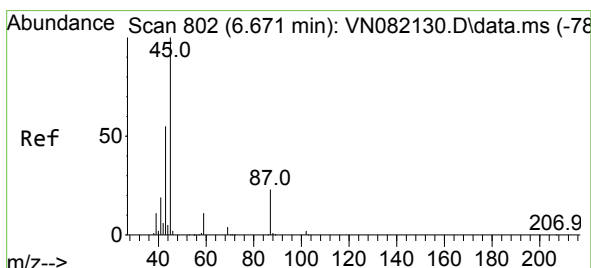
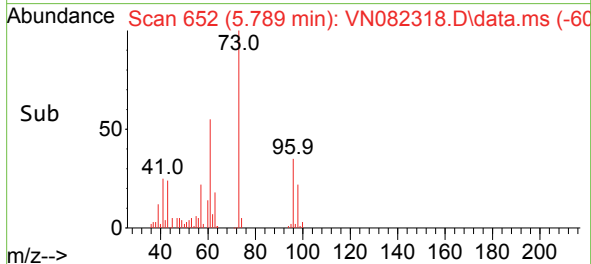
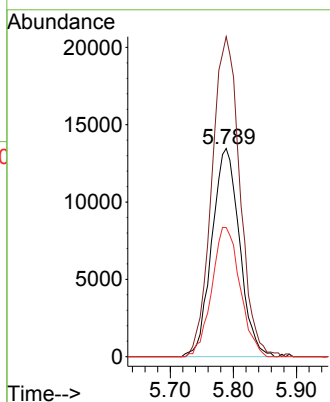
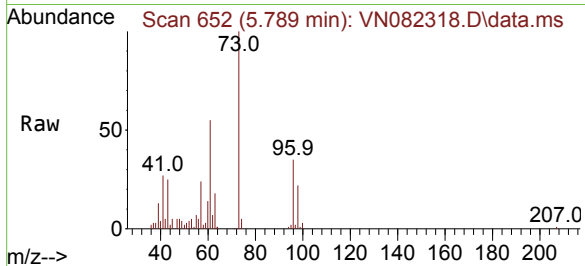




#21
trans-1,2-Dichloroethene
Concen: 18.708 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

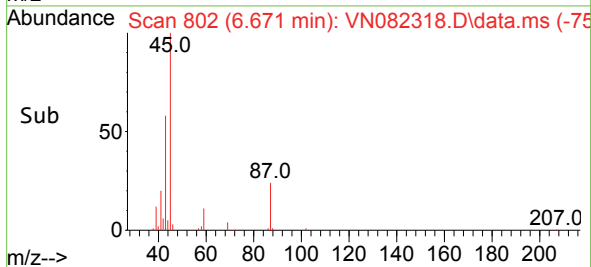
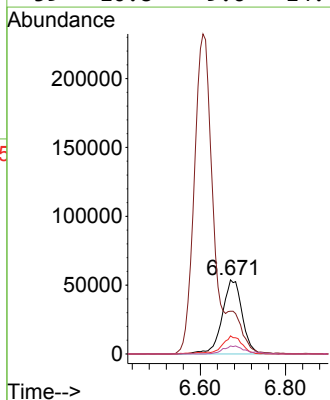
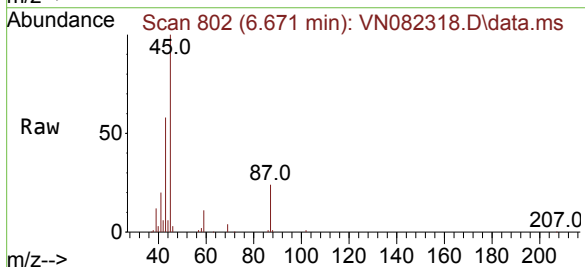
Instrument :
MSVOA_N
ClientSampleId :

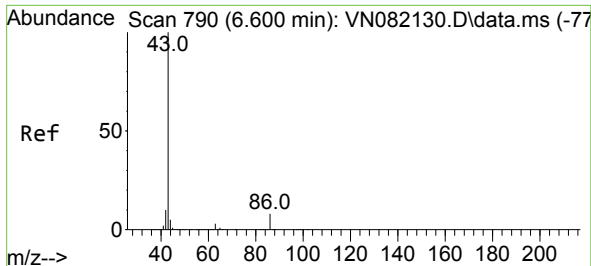
Tgt Ion: 96 Resp: 40961
Ion Ratio Lower Upper
96 100
61 153.8 96.5 144.7#
98 62.0 51.3 76.9



#22
Diisopropyl ether
Concen: 19.514 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 45 Resp: 175287
Ion Ratio Lower Upper
45 100
43 56.4 44.1 66.1
87 24.5 27.0 40.6#
59 10.8 9.6 14.4

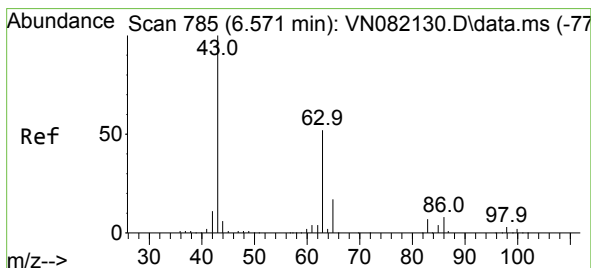
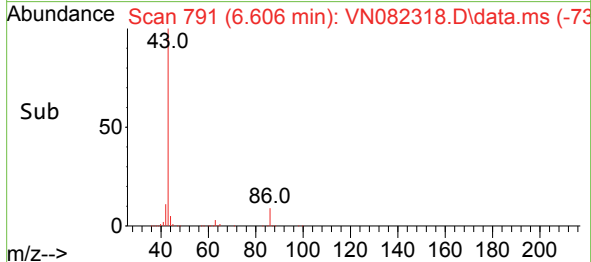
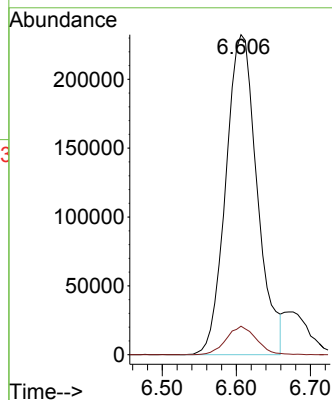
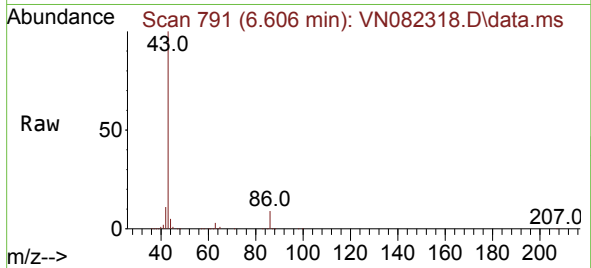




#23
 Vinyl Acetate
 Concen: 96.478 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

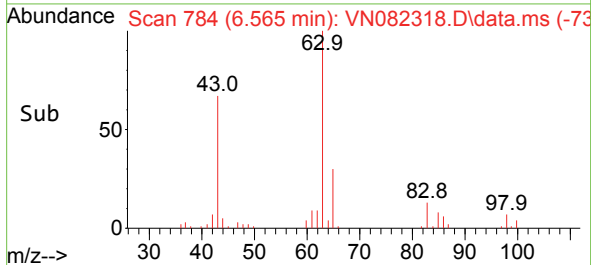
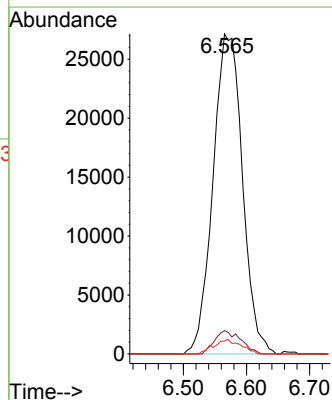
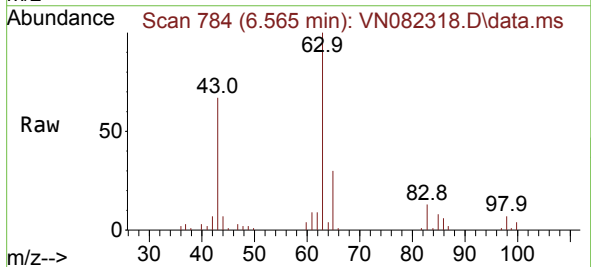
Instrument :
 MSVOA_N
 ClientSampleId :

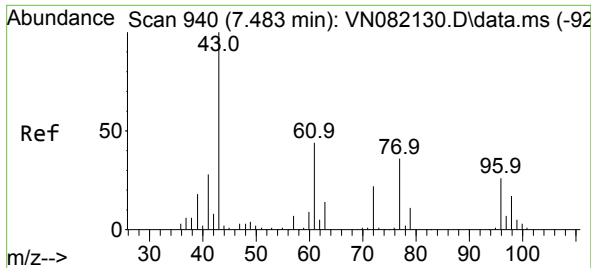
Tgt Ion: 43 Resp: 683261
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 18.956 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

Tgt Ion: 63 Resp: 87762
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.1 2.6 7.8

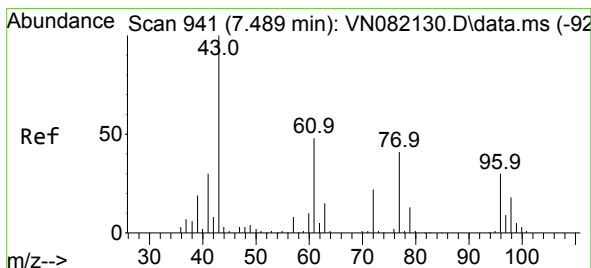
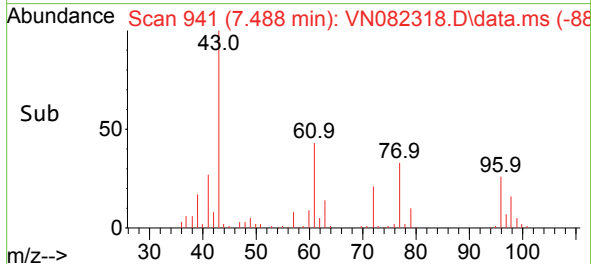
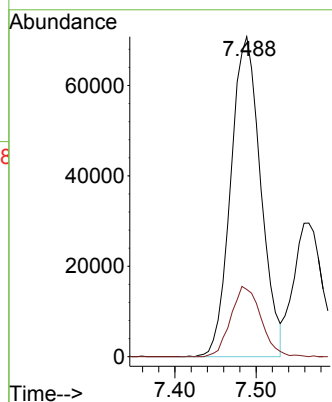
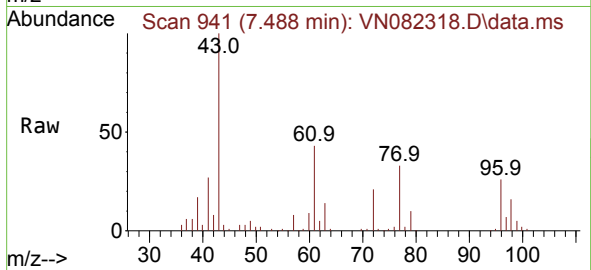




#25
2-Butanone
Concen: 100.380 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

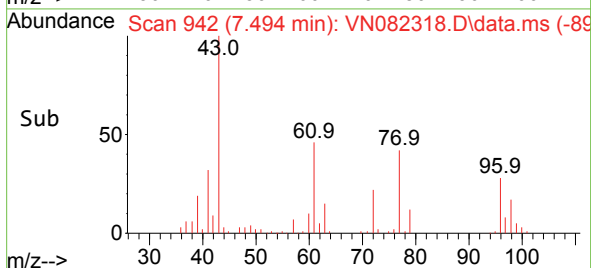
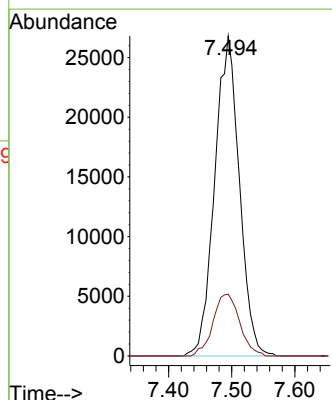
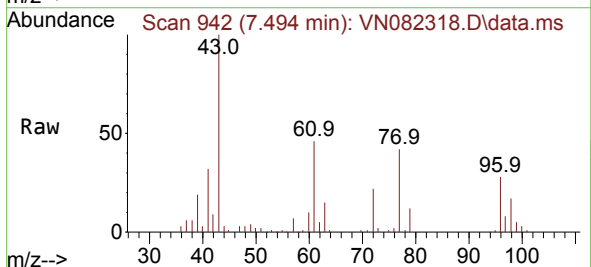
Instrument :
MSVOA_N
ClientSampleId :

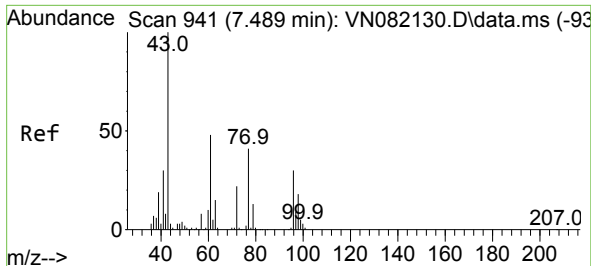
Tgt Ion: 43 Resp: 181364
Ion Ratio Lower Upper
43 100
72 21.0 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 18.764 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

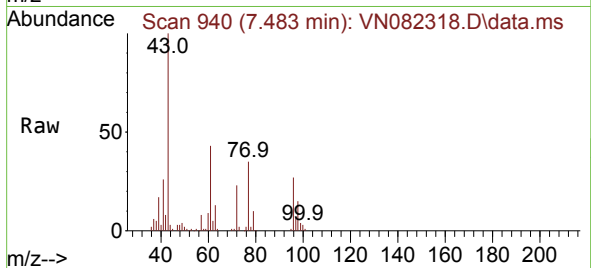
Tgt Ion: 77 Resp: 72766
Ion Ratio Lower Upper
77 100
97 20.9 11.3 33.9



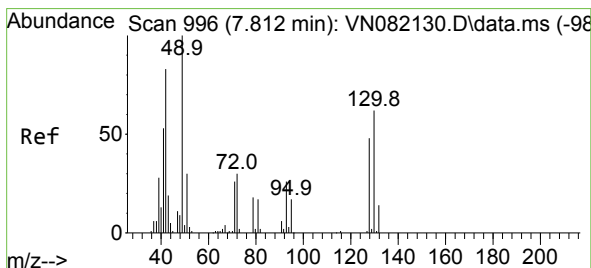
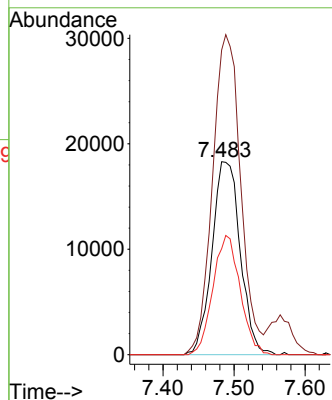
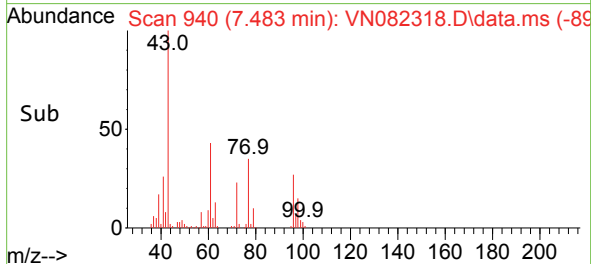


#27
 cis-1,2-Dichloroethene
 Concen: 19.564 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :

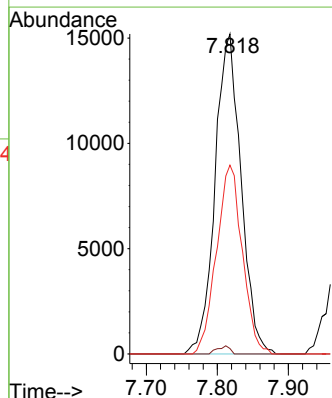
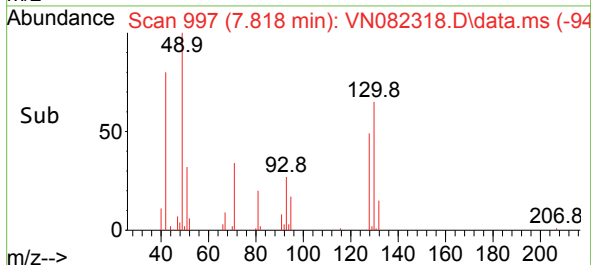
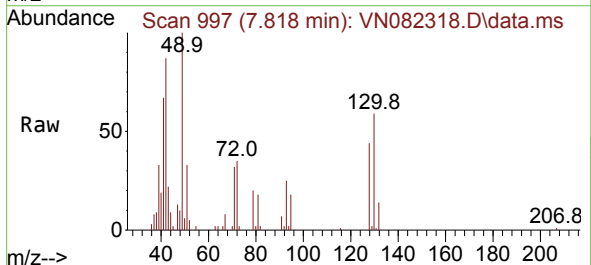


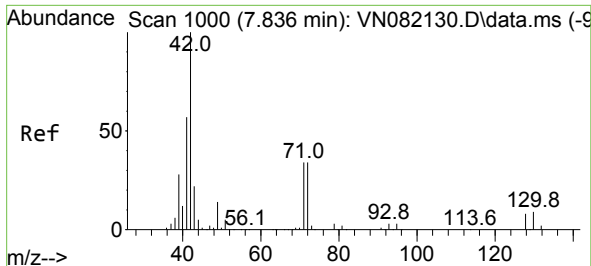
Tgt Ion: 96 Resp: 50554
 Ion Ratio Lower Upper
 96 100
 61 165.3 0.0 268.0
 98 59.4 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.546 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

Tgt Ion: 49 Resp: 38525
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 58.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 103.344 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

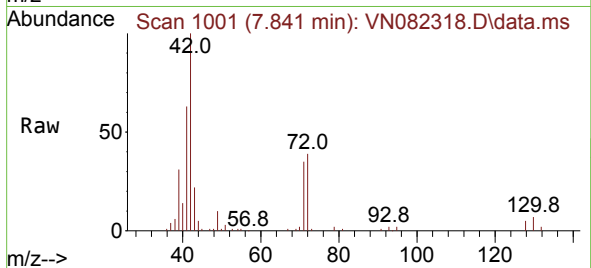
Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



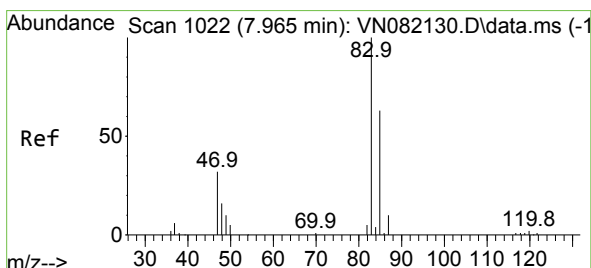
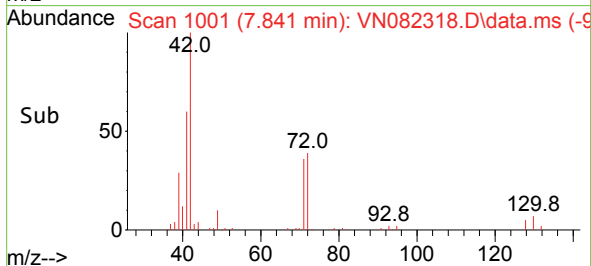
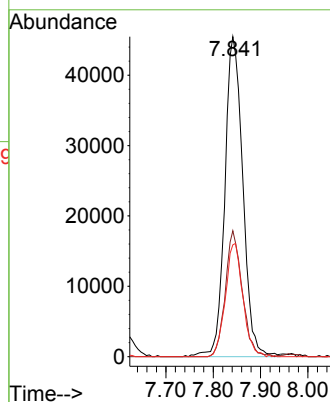
Tgt Ion: 42 Resp: 119884

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9#

71 34.5 37.4 56.0#



#30

Chloroform

Concen: 19.831 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082318.D

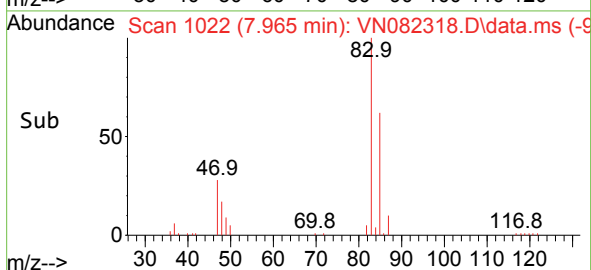
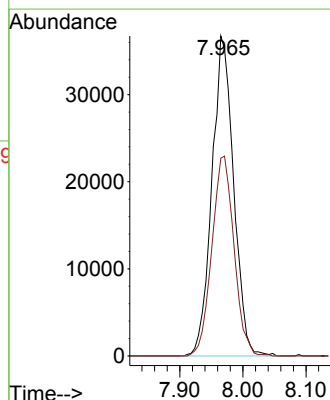
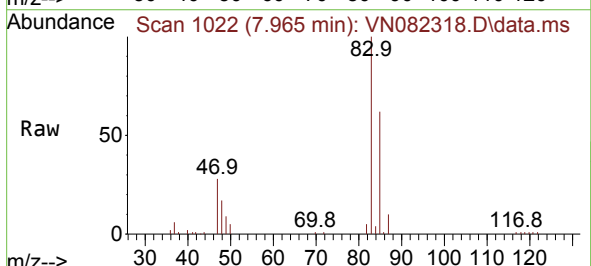
Acq: 23 May 2024 13:53

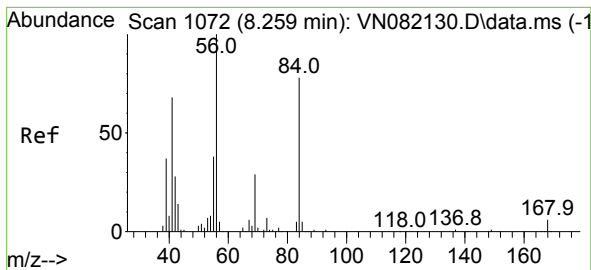
Tgt Ion: 83 Resp: 87677

Ion Ratio Lower Upper

83 100

85 61.8 50.7 76.1





#31

Cyclohexane

Concen: 17.313 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

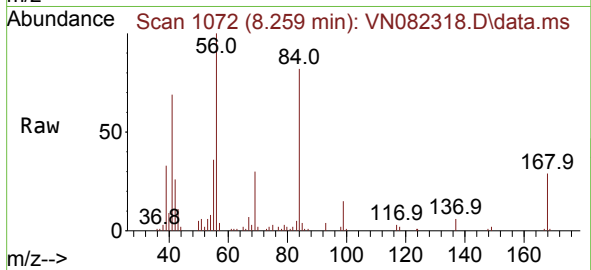
Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



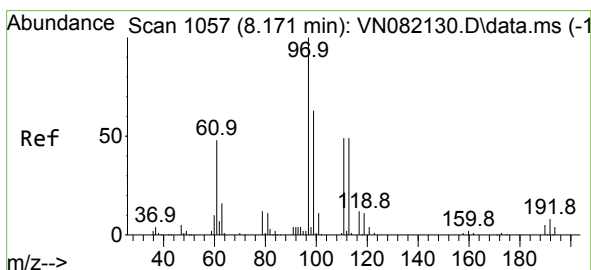
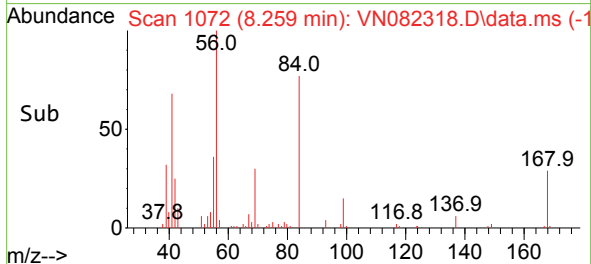
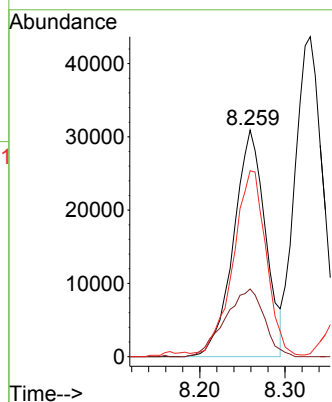
Tgt Ion: 56 Resp: 80328

Ion Ratio Lower Upper

56 100

69 29.9 24.4 36.6

84 80.4 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 19.784 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

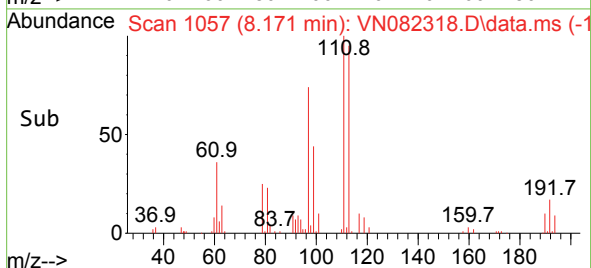
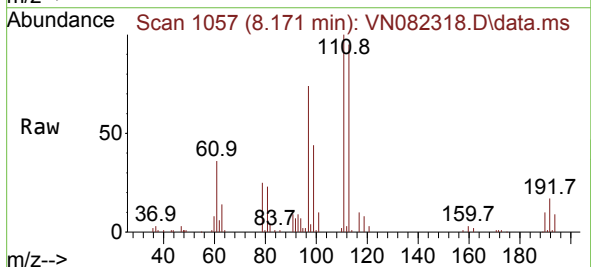
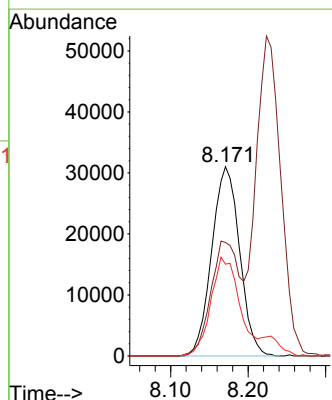
Tgt Ion: 97 Resp: 77602

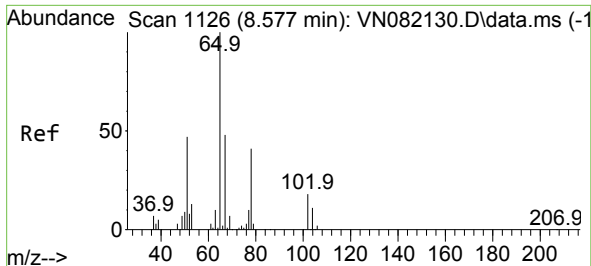
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 54.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.269 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

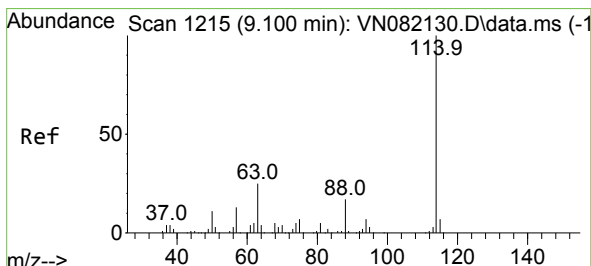
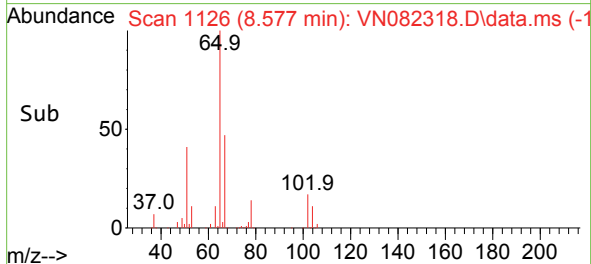
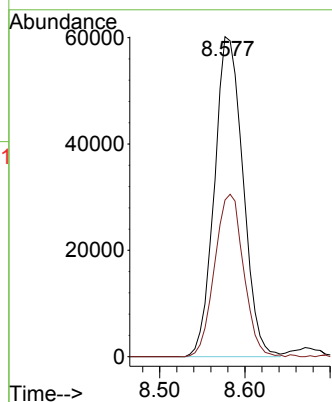
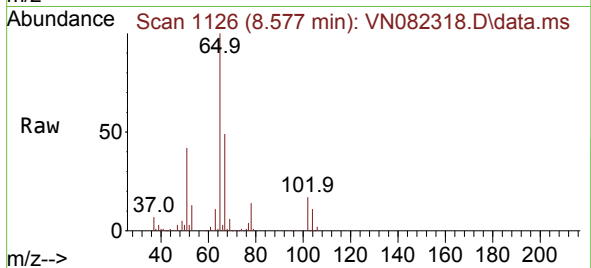
ClientSampleId :

Tgt Ion: 65 Resp: 140220

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

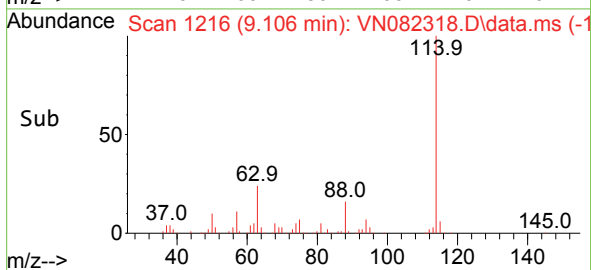
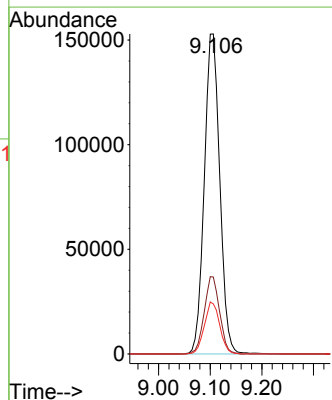
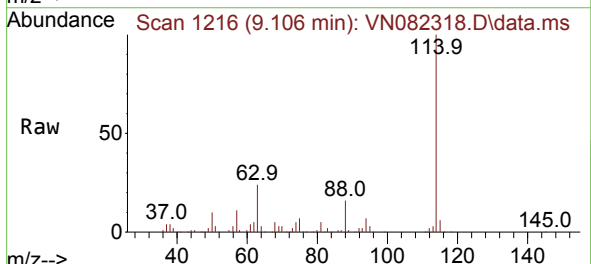
Tgt Ion: 114 Resp: 318116

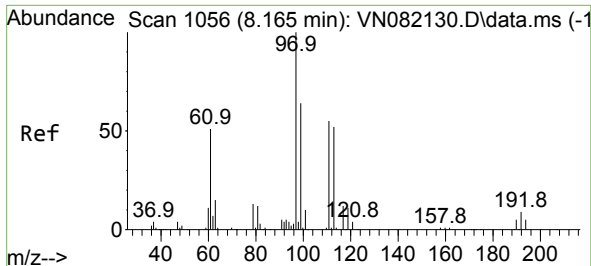
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.6 0.0 31.4

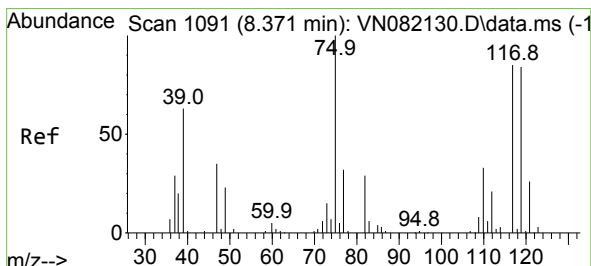
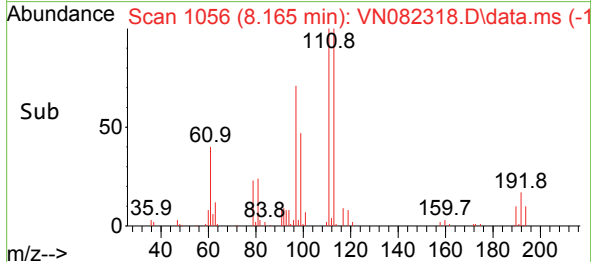
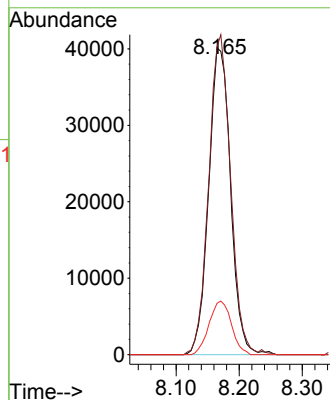
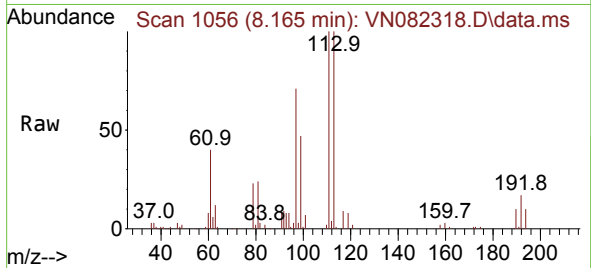




#35
Dibromofluoromethane
Concen: 49.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

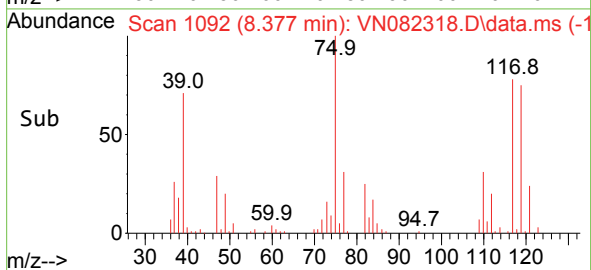
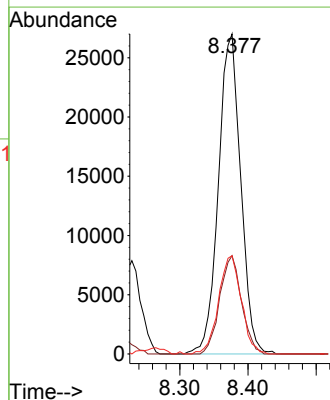
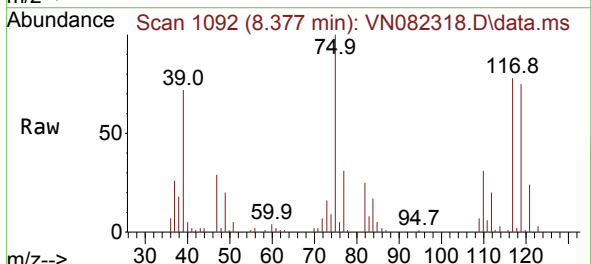
Instrument :
MSVOA_N
ClientSampleId :

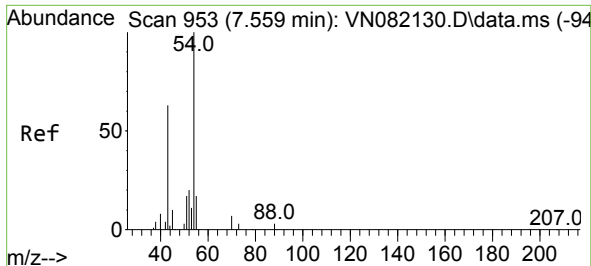
Tgt Ion:113 Resp: 96889
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 17.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.726 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 75 Resp: 61460
Ion Ratio Lower Upper
75 100
110 30.0 17.8 53.5
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.925 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

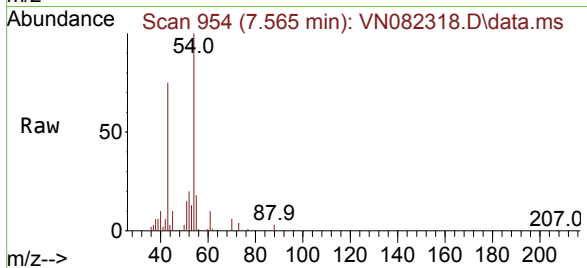
Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



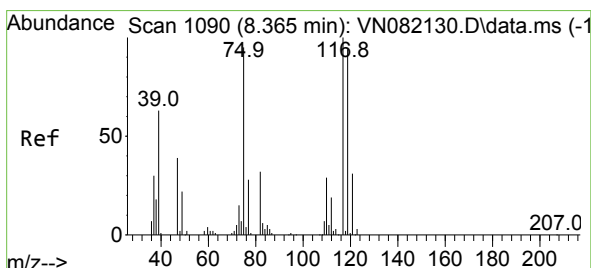
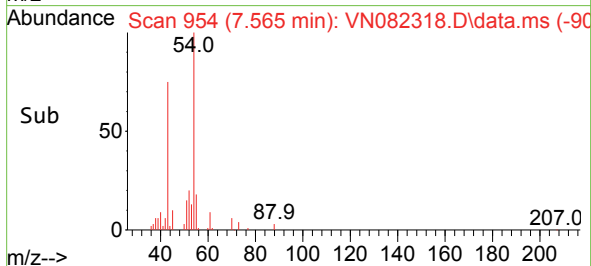
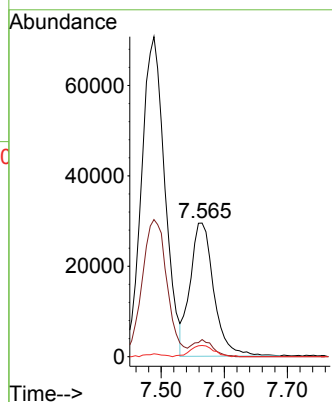
Tgt Ion: 43 Resp: 76857

Ion Ratio Lower Upper

43 100

61 10.7 11.3 16.9#

70 8.3 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 19.941 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

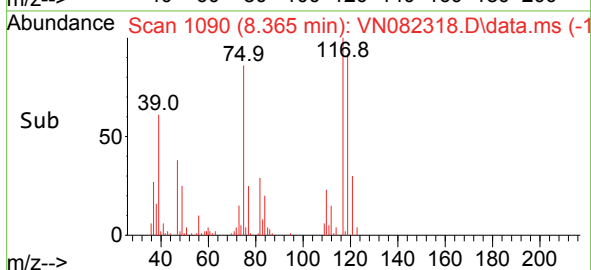
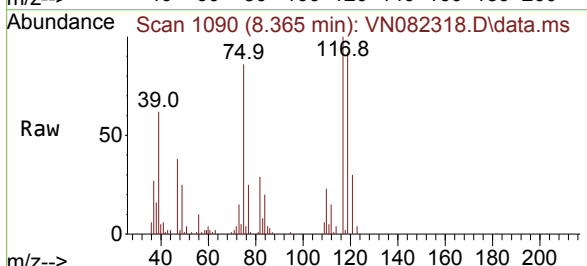
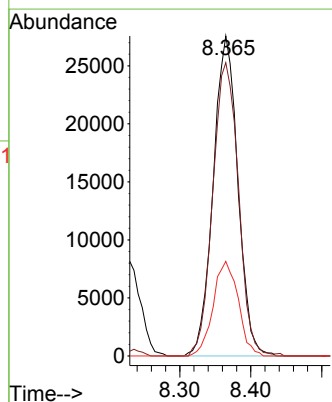
Tgt Ion: 117 Resp: 66343

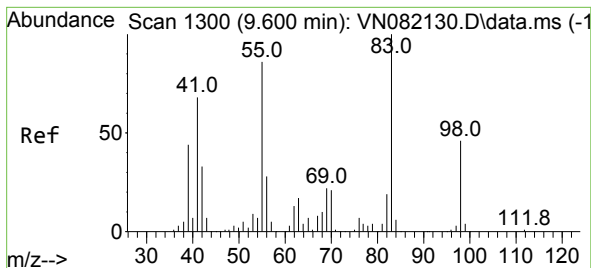
Ion Ratio Lower Upper

117 100

119 91.7 76.5 114.7

121 29.6 23.9 35.9





#39

Methylcyclohexane

Concen: 18.820 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

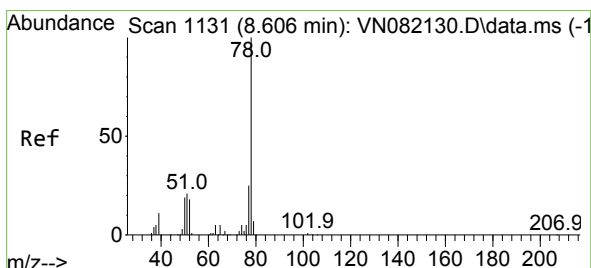
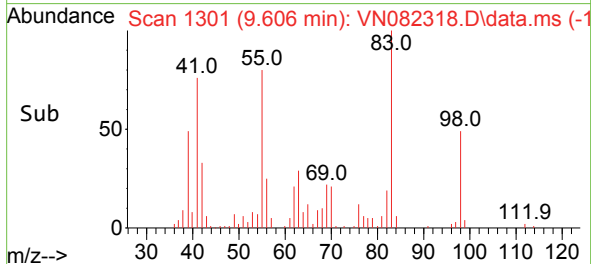
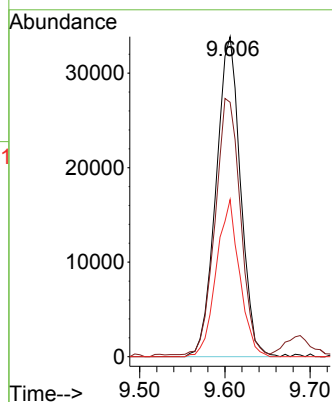
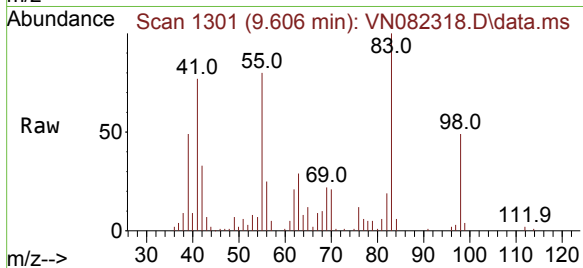
Tgt Ion: 83 Resp: 67706

Ion Ratio Lower Upper

83 100

55 78.9 53.0 79.6

98 49.1 37.1 55.7



#40

Benzene

Concen: 19.406 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082318.D

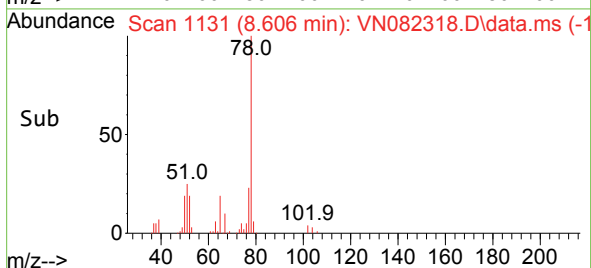
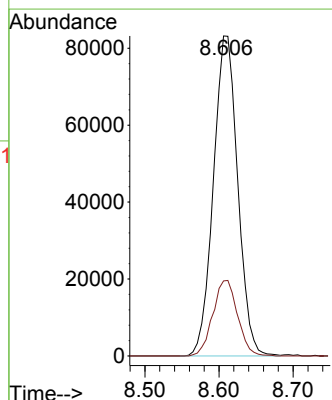
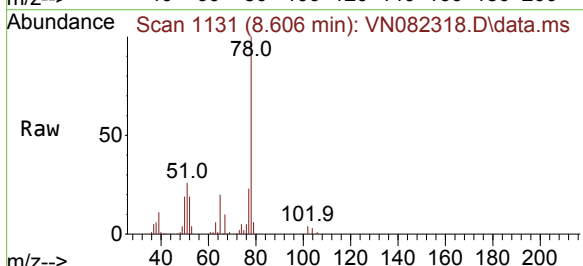
Acq: 23 May 2024 13:53

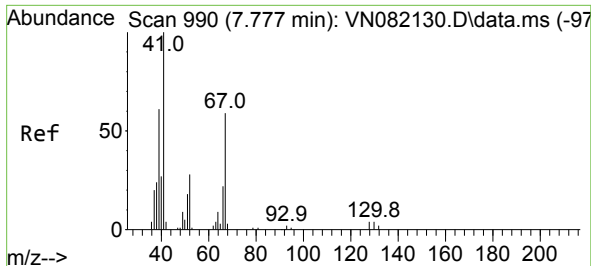
Tgt Ion: 78 Resp: 189931

Ion Ratio Lower Upper

78 100

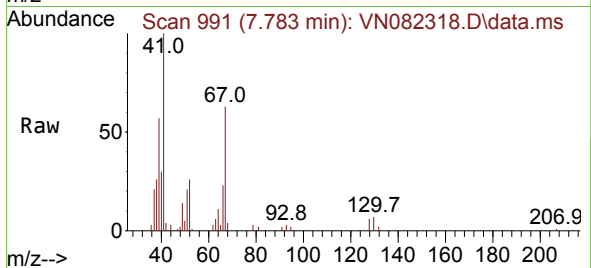
77 23.5 20.0 30.0



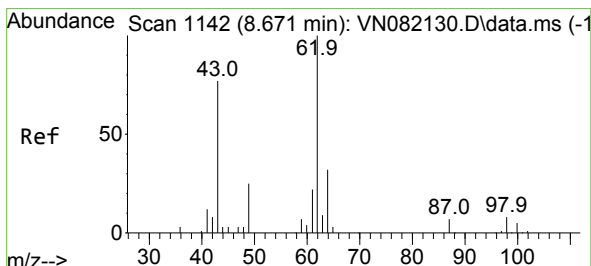
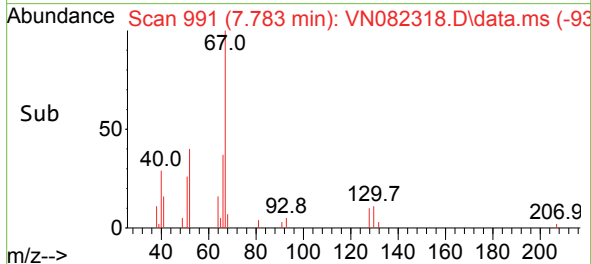
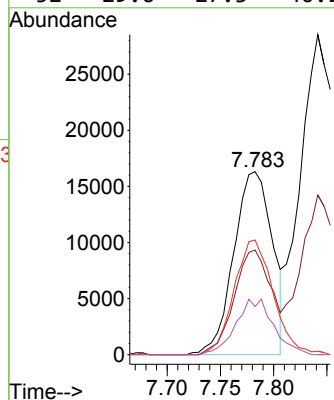


#41
Methacrylonitrile
Concen: 19.047 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

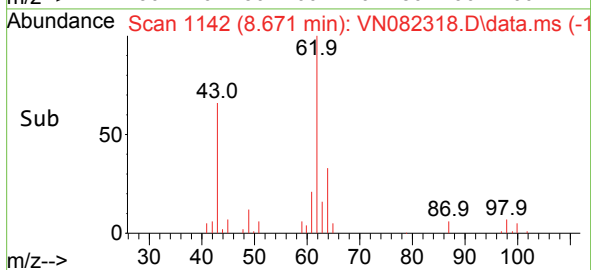
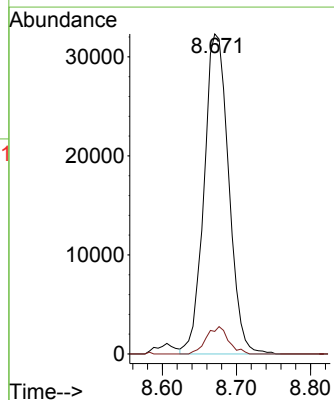
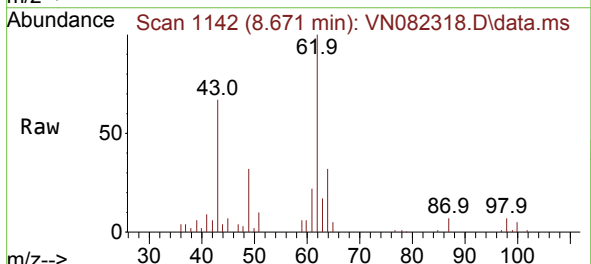


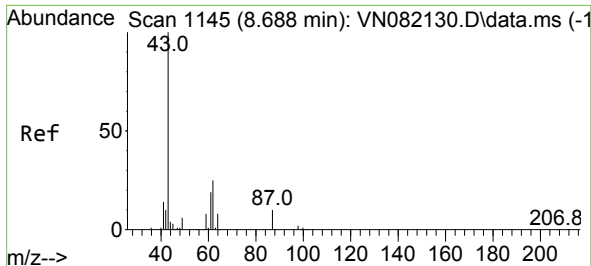
Tgt Ion:	41	Resp:	41145
Ion Ratio	Lower	Upper	
41	100		
39	55.2	46.6	69.8
67	63.5	67.3	100.9
52	29.6	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

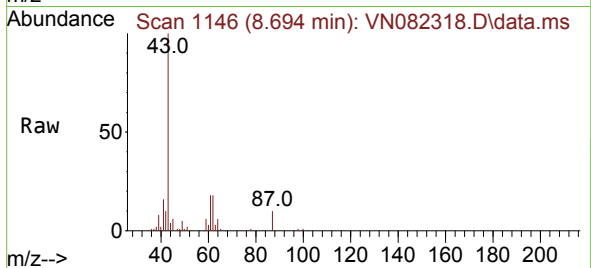
Tgt Ion:	62	Resp:	74613
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	19.6



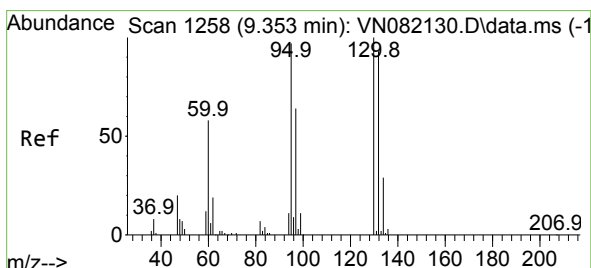
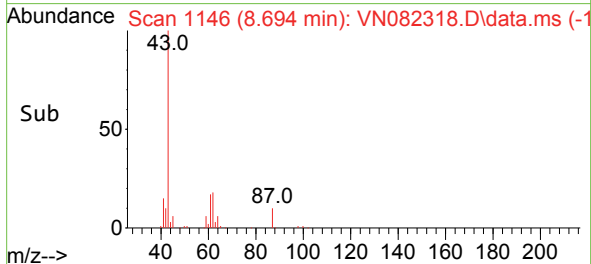
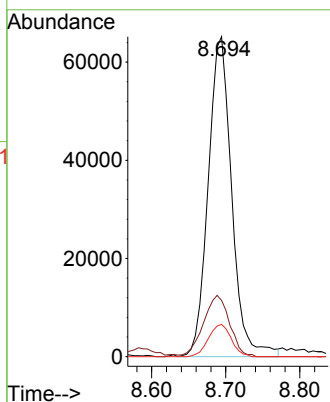


#43
Isopropyl Acetate
Concen: 22.120 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

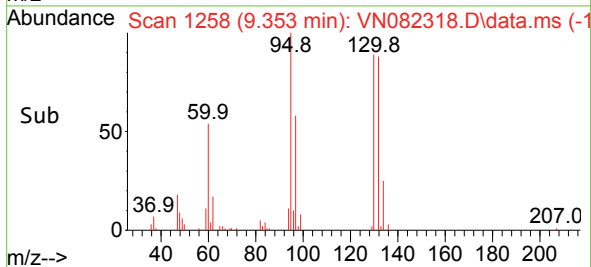
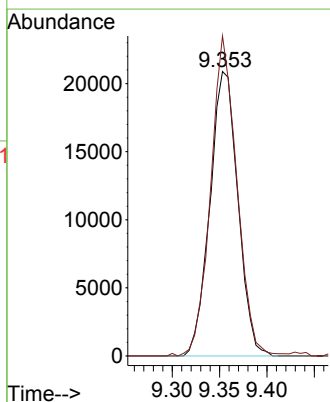
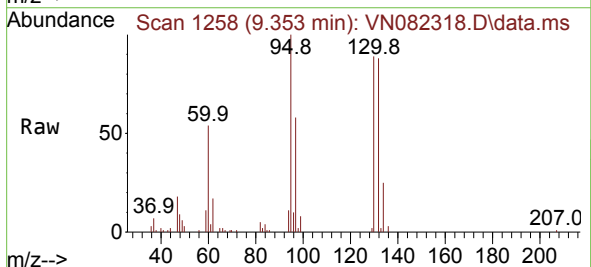


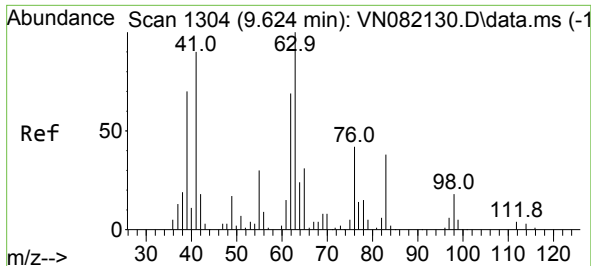
Tgt Ion: 43 Resp: 143962
Ion Ratio Lower Upper
43 100
61 21.3 22.8 34.2#
87 9.8 12.0 18.0#



#44
Trichloroethene
Concen: 19.280 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:130 Resp: 42864
Ion Ratio Lower Upper
130 100
95 112.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.539 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

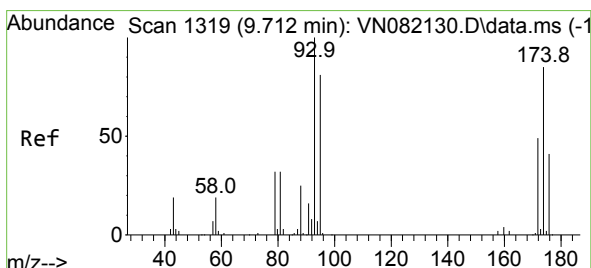
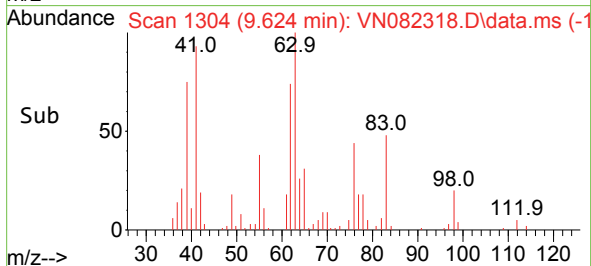
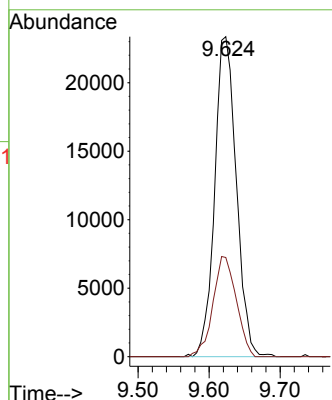
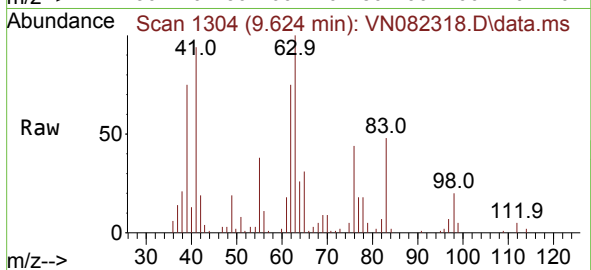
ClientSampleId :

Tgt Ion: 63 Resp: 49340

Ion Ratio Lower Upper

63 100

65 31.0 24.1 36.1



#46

Dibromomethane

Concen: 20.174 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

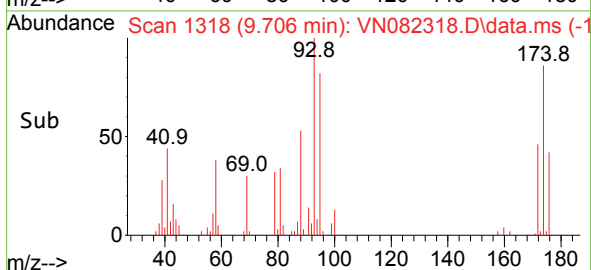
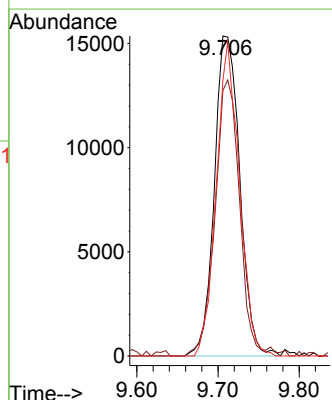
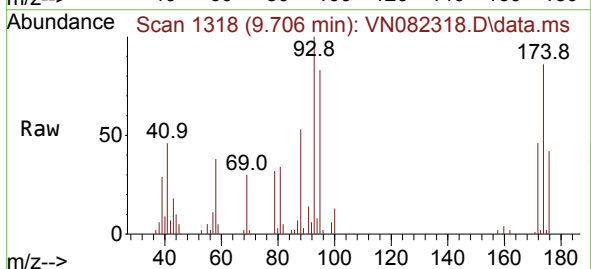
Tgt Ion: 93 Resp: 33446

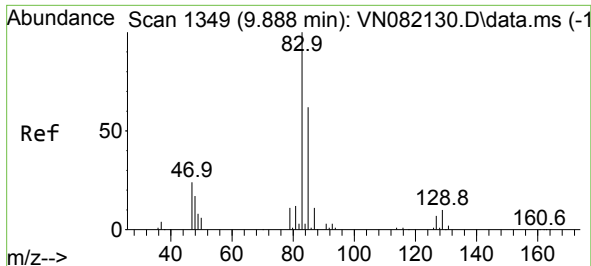
Ion Ratio Lower Upper

93 100

95 83.7 64.8 97.2

174 89.2 73.4 110.0





#47

Bromodichloromethane

Concen: 20.178 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

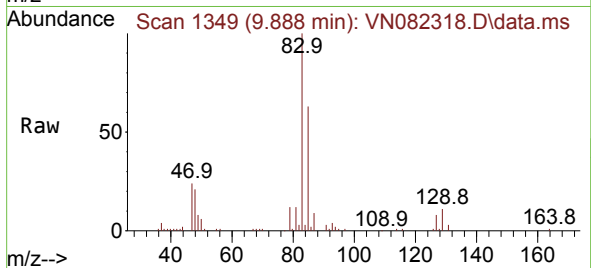
Lab File: VN082318.D

Acq: 23 May 2024 13:53

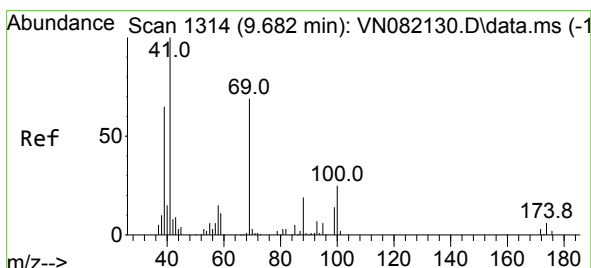
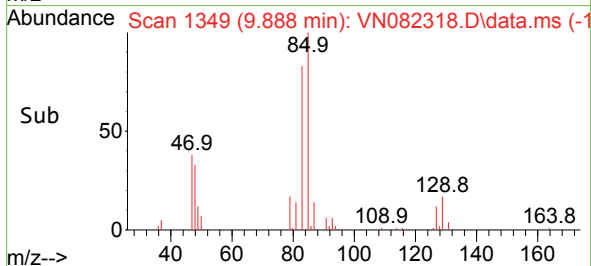
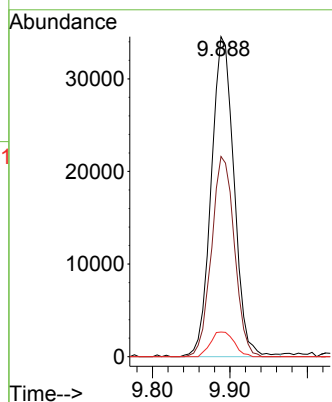
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp: 70622
Ion Ratio	Lower Upper
83	100
85	62.6 51.9 77.9
127	7.7 7.5 11.3



#48

Methyl methacrylate

Concen: 20.372 ug/l

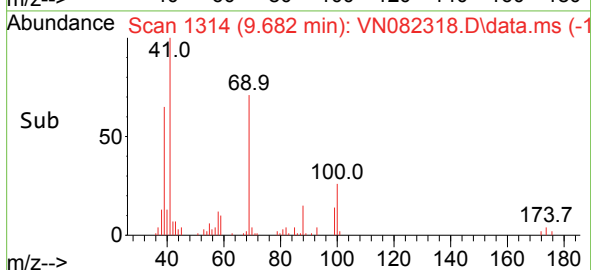
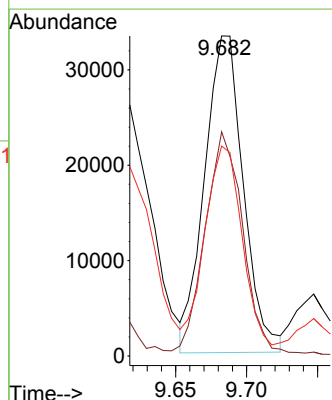
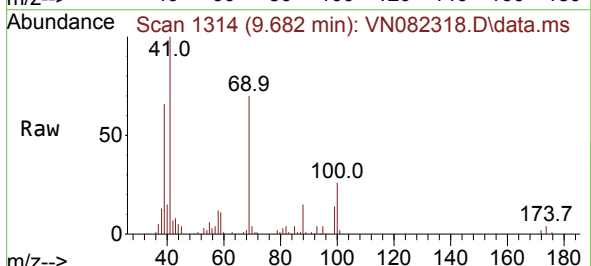
RT: 9.682 min Scan# 1314

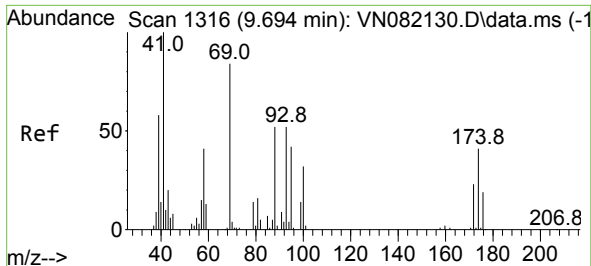
Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Tgt Ion: 41	Resp: 63178
Ion Ratio	Lower Upper
41	100
69	68.9 77.9 116.9#
39	66.0 50.9 76.3





#49

1,4-Dioxane

Concen: 426.220 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

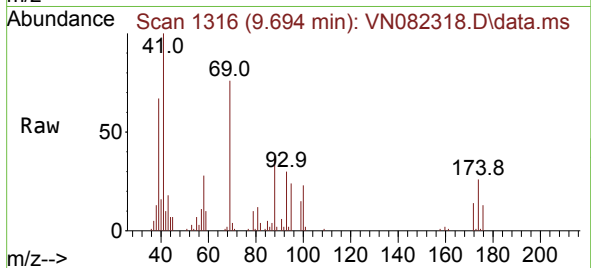
Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



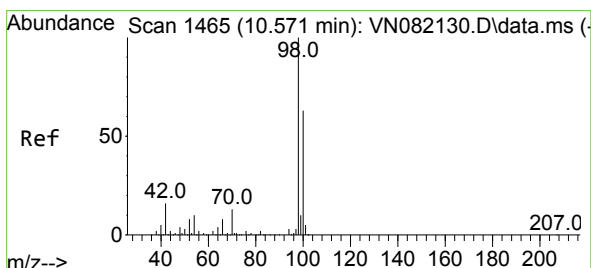
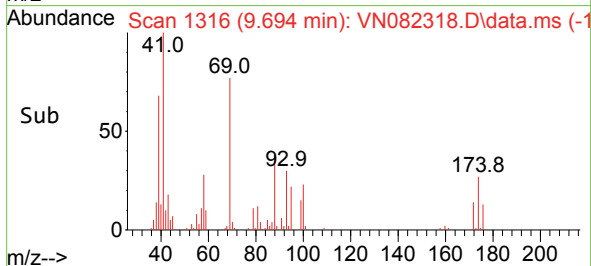
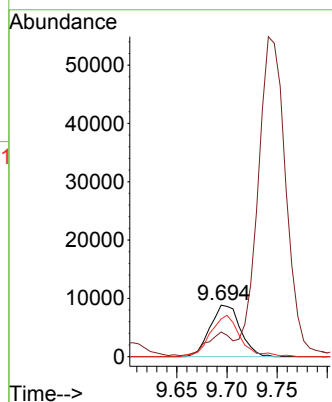
Tgt Ion: 88 Resp: 18522

Ion Ratio Lower Upper

88 100

43 35.9 19.0 28.6#

58 79.4 50.6 76.0#



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082318.D

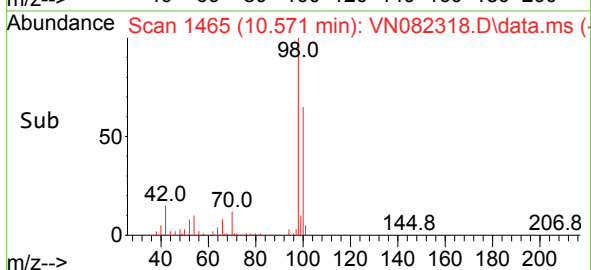
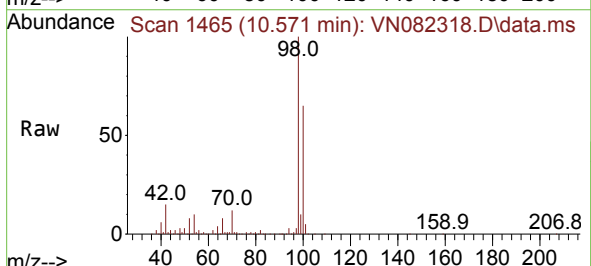
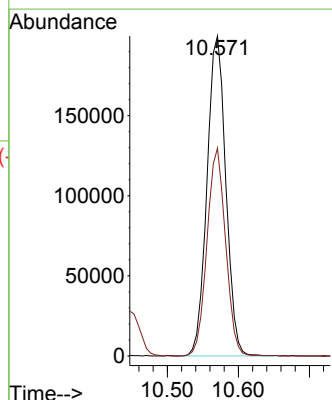
Acq: 23 May 2024 13:53

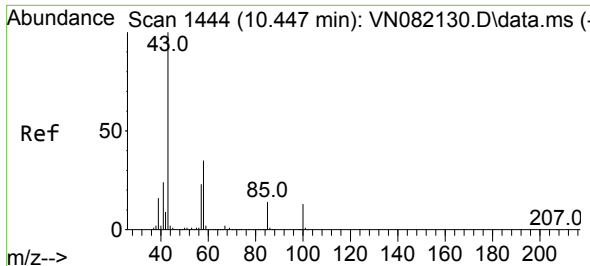
Tgt Ion: 98 Resp: 368112

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.6

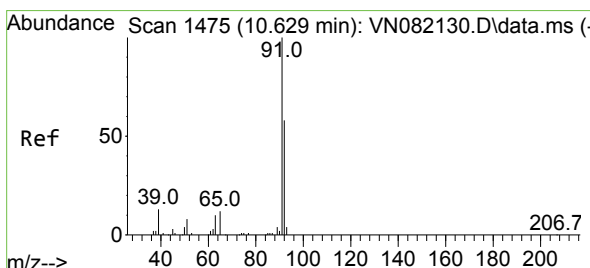
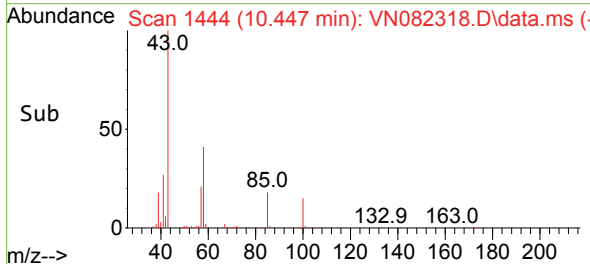
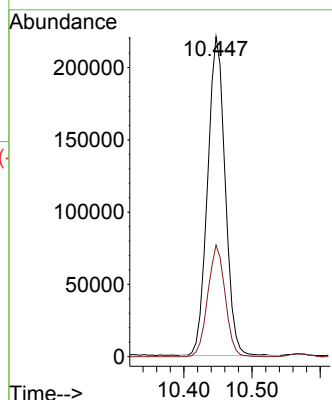
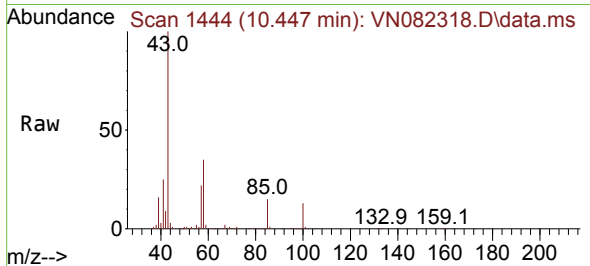




#51
4-Methyl-2-Pentanone
Concen: 107.080 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

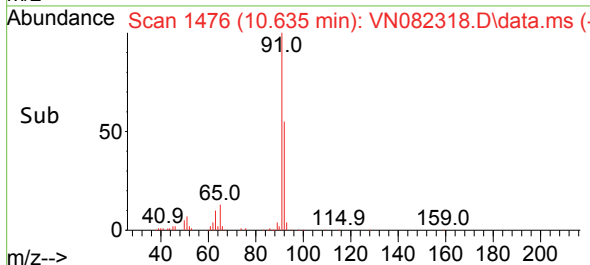
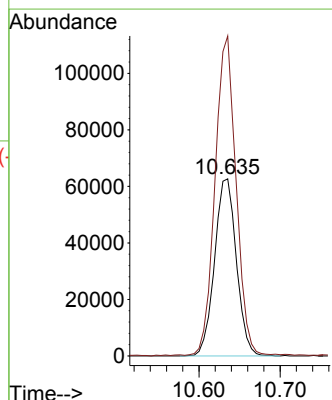
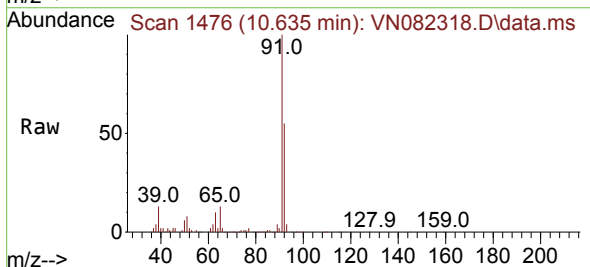
Instrument :
MSVOA_N
ClientSampleId :

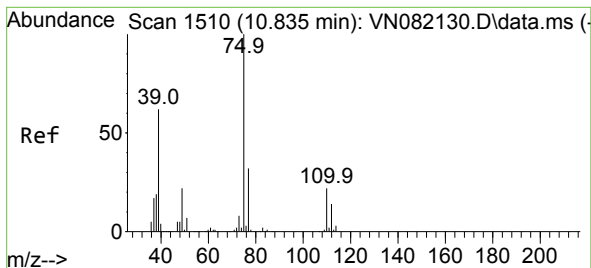
Tgt Ion: 43 Resp: 395963
Ion Ratio Lower Upper
43 100
58 34.5 33.2 49.8



#52
Toluene
Concen: 19.952 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 92 Resp: 117186
Ion Ratio Lower Upper
92 100
91 175.9 136.7 205.1

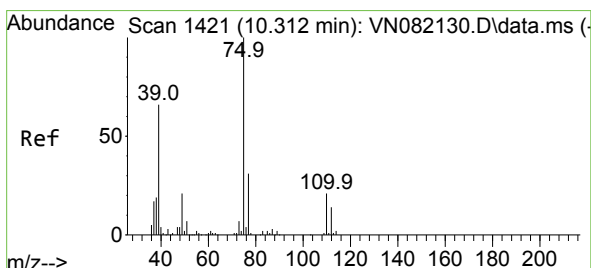
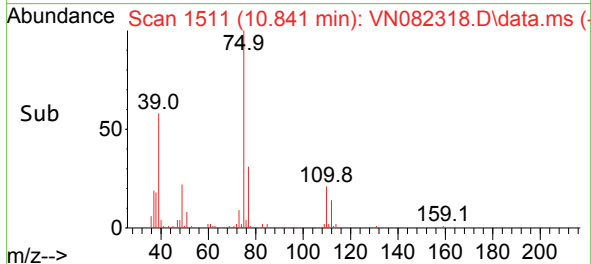
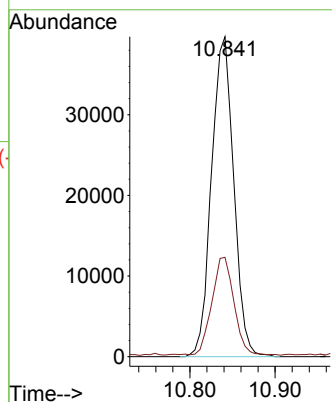
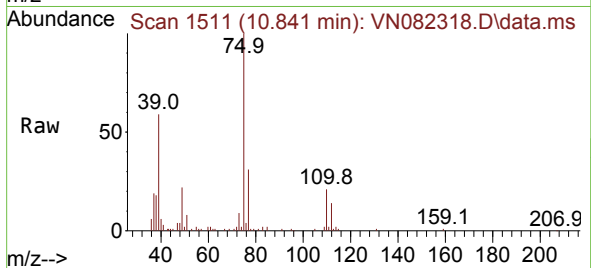




#53
 t-1,3-Dichloropropene
 Concen: 19.874 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

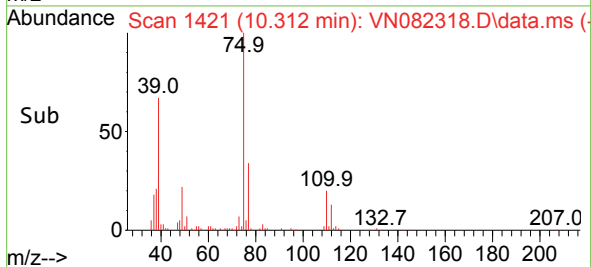
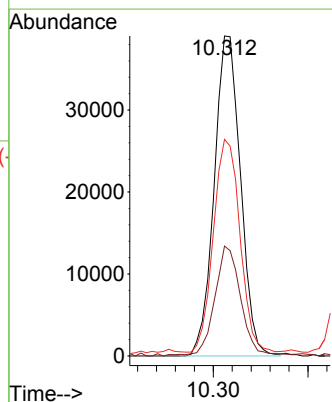
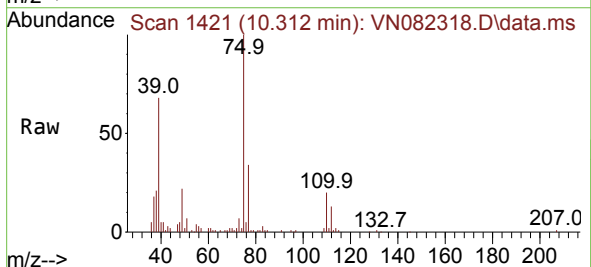
Instrument :
 MSVOA_N
 ClientSampleId :

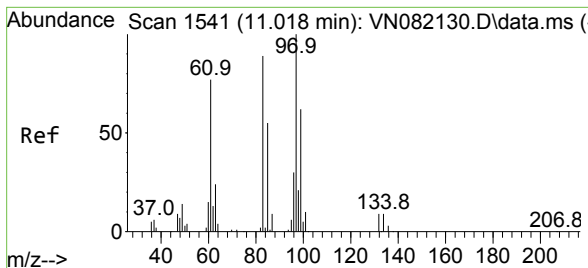
Tgt Ion: 75 Resp: 71938
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.676 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

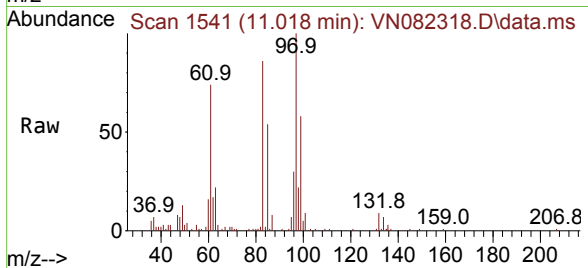
Tgt Ion: 75 Resp: 75389
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.0 37.4
 39 66.4 34.8 52.2#



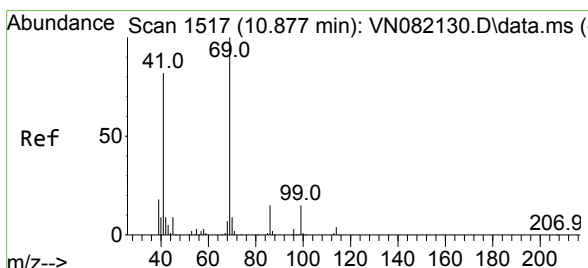
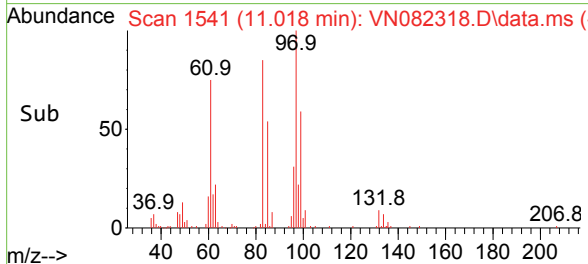
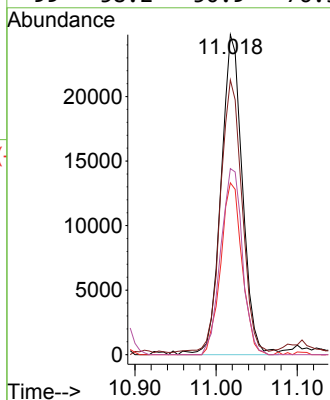


#55
1,1,2-Trichloroethane
Concen: 21.252 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

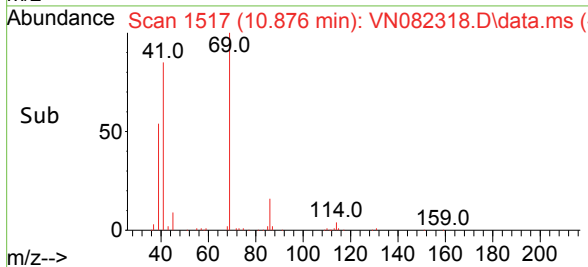
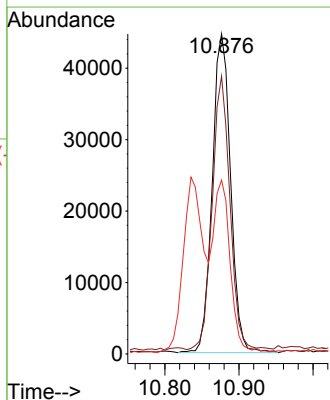
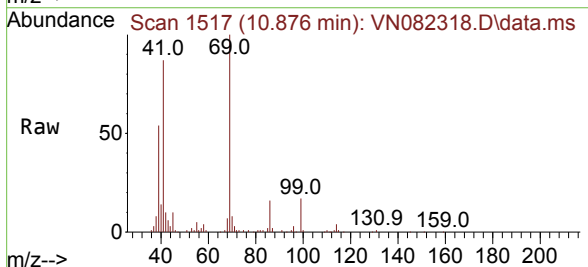


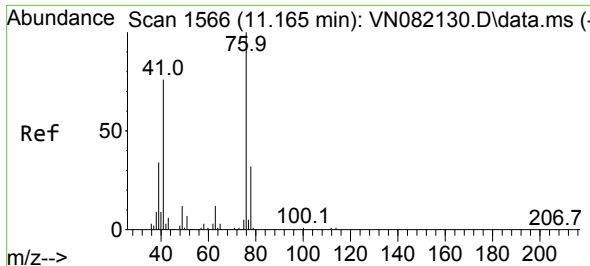
Tgt Ion:	97	Resp:	45360
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.4	105.6
85	53.7	45.6	68.4
99	58.2	50.9	76.3



#56
Ethyl methacrylate
Concen: 21.223 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

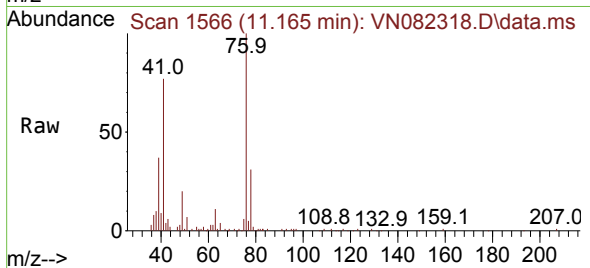
Tgt Ion:	69	Resp:	76906
Ion	Ratio	Lower	Upper
69	100		
41	82.8	46.6	70.0#
39	48.8	26.5	39.7#



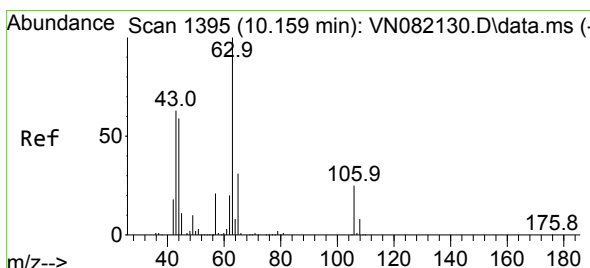
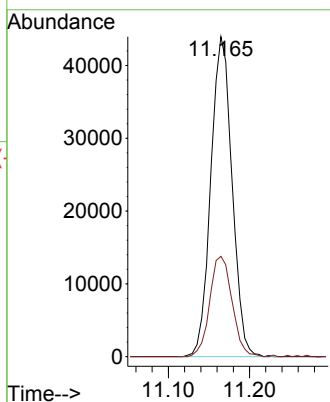
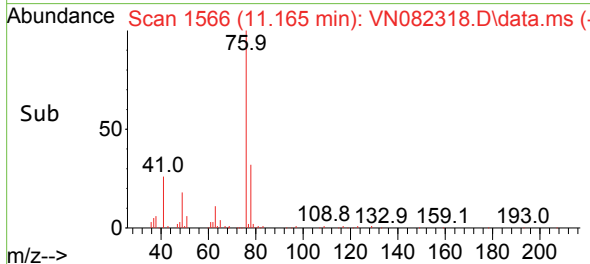


#57
1,3-Dichloropropane
Concen: 20.034 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

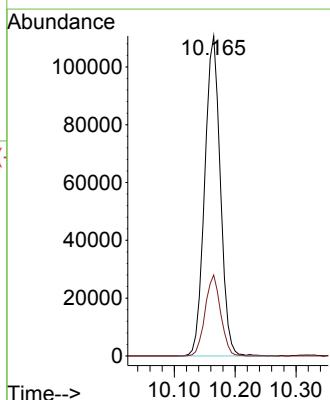
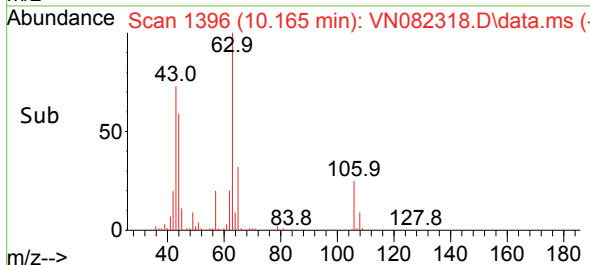
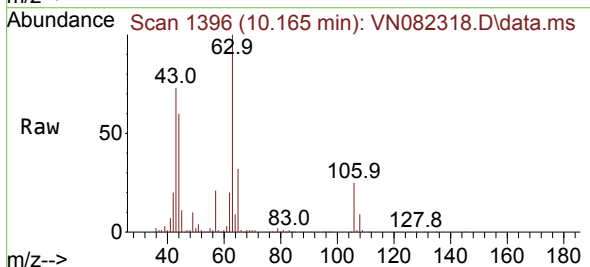


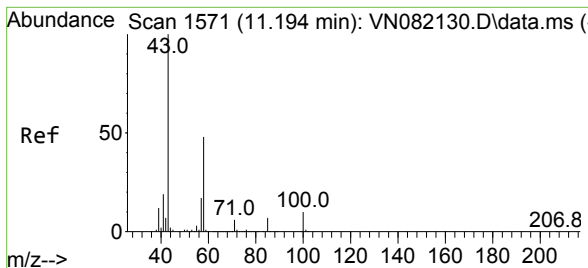
Tgt Ion: 76 Resp: 79952
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 105.408 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 63 Resp: 197021
Ion Ratio Lower Upper
63 100
106 25.2 24.6 36.8

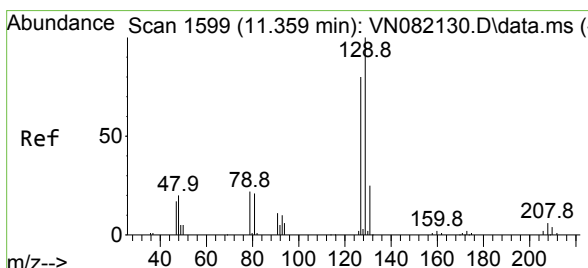
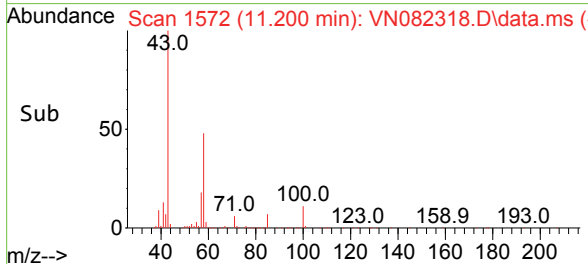
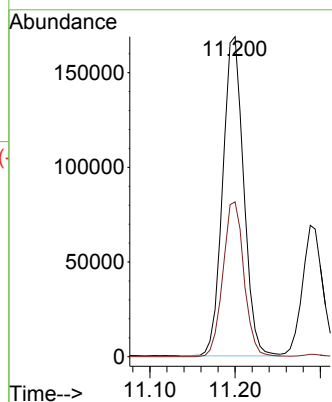
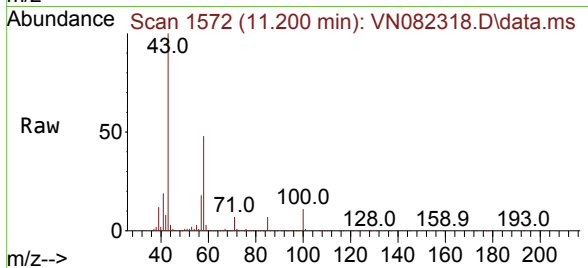




#59
2-Hexanone
Concen: 106.785 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

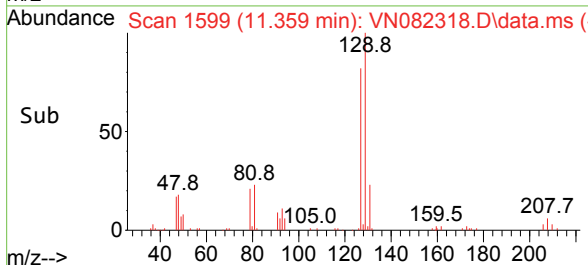
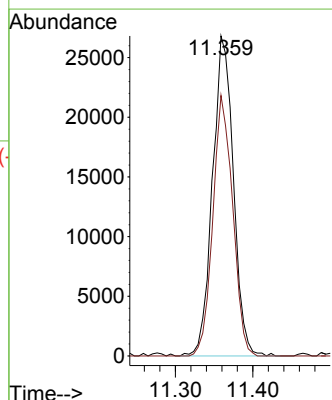
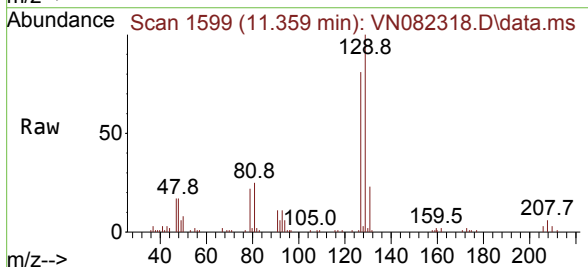
Instrument :
MSVOA_N
ClientSampleId :

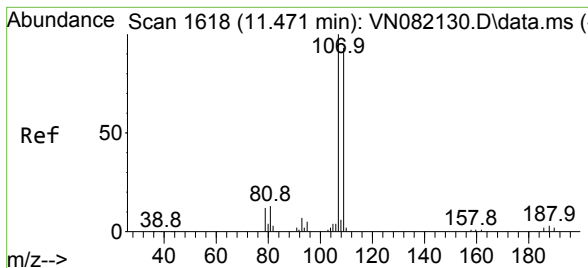
Tgt Ion: 43 Resp: 289126
Ion Ratio Lower Upper
43 100
58 48.7 28.3 84.9



#60
Dibromochloromethane
Concen: 21.275 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:129 Resp: 50113
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

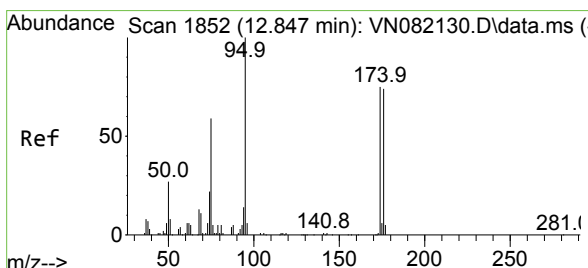
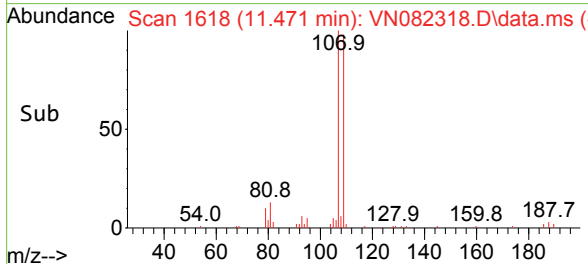
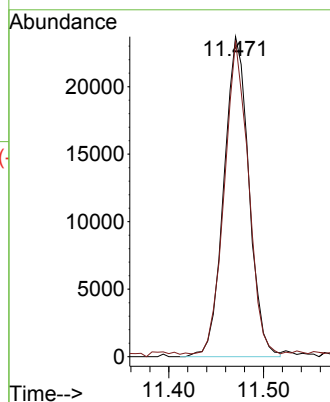
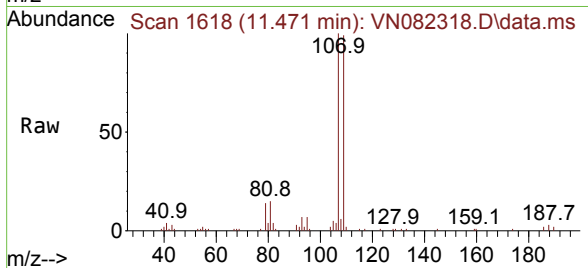




#61
1,2-Dibromoethane
Concen: 19.848 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

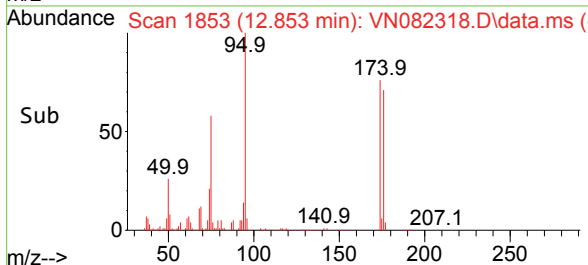
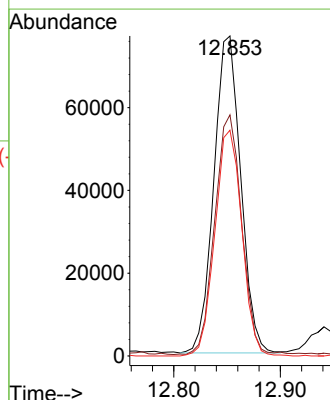
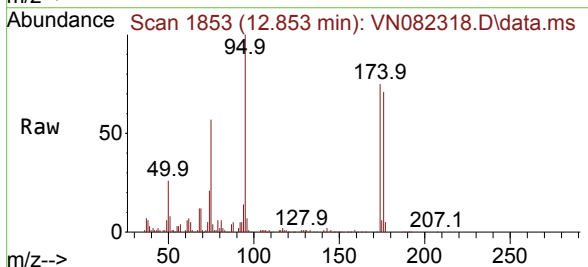
Instrument :
MSVOA_N
ClientSampleId :

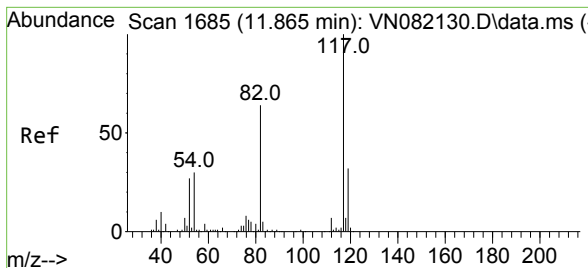
Tgt Ion:107 Resp: 43512
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 95 Resp: 134214
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 71.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

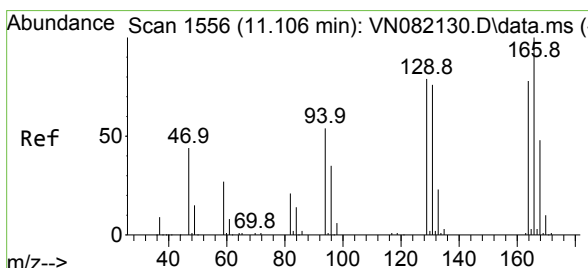
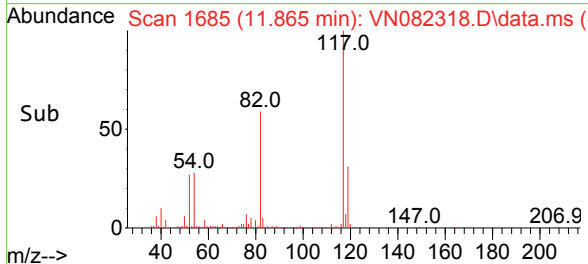
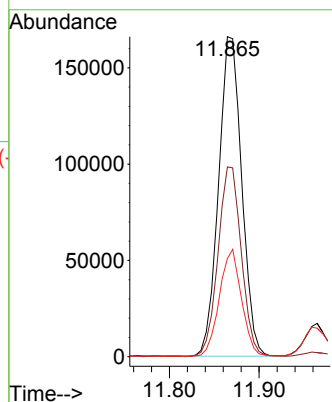
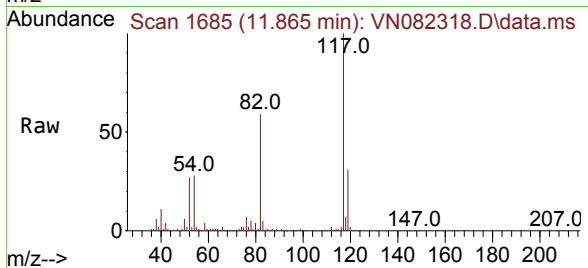
Tgt Ion:117 Resp: 297110

Ion Ratio Lower Upper

117 100

82 59.2 44.6 66.8

119 30.5 25.9 38.9



#64

Tetrachloroethene

Concen: 20.226 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Tgt Ion:164 Resp: 44540

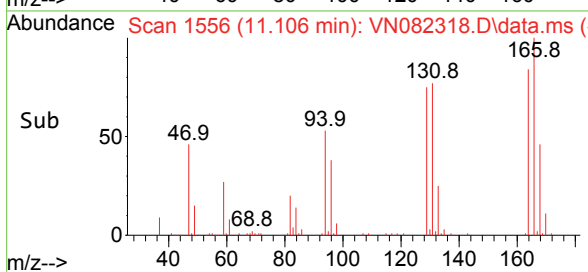
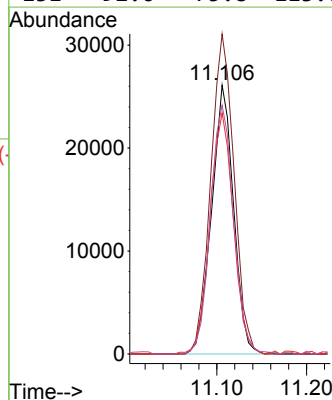
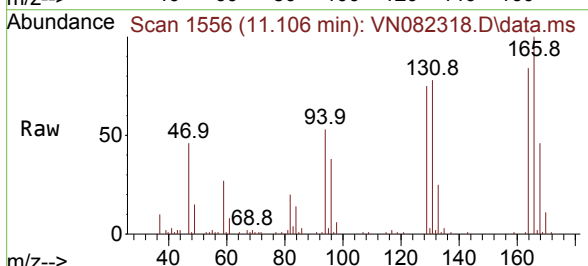
Ion Ratio Lower Upper

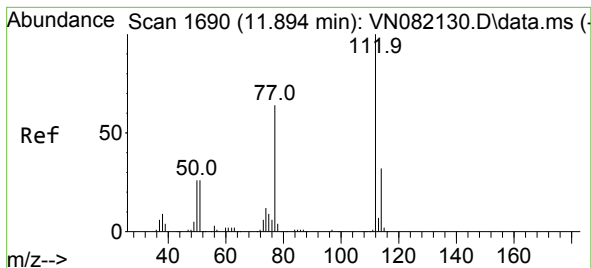
164 100

166 119.1 97.6 146.4

129 89.6 73.7 110.5

131 92.6 75.8 113.6





#65

Chlorobenzene

Concen: 18.918 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

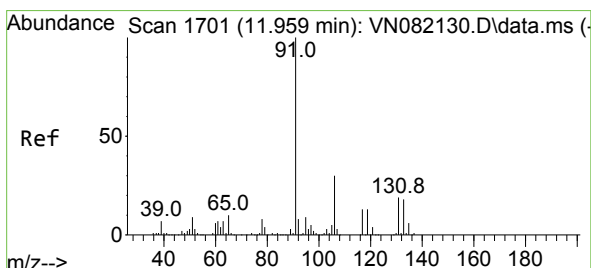
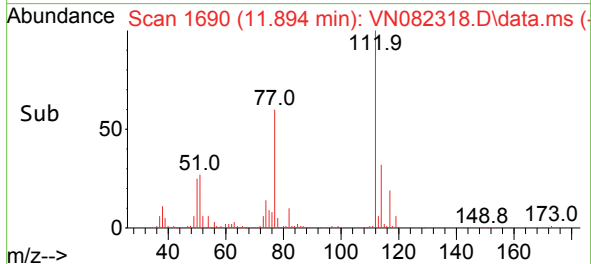
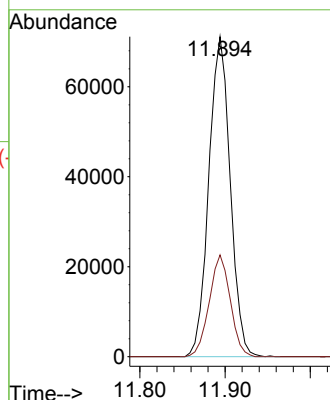
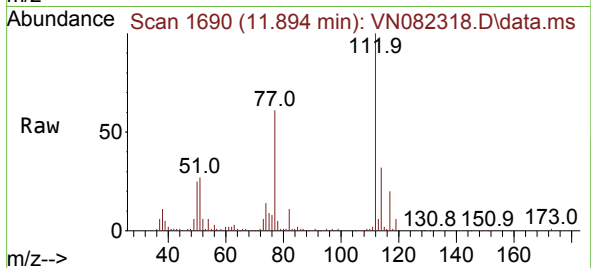
ClientSampleId :

Tgt Ion:112 Resp: 124172

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.460 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

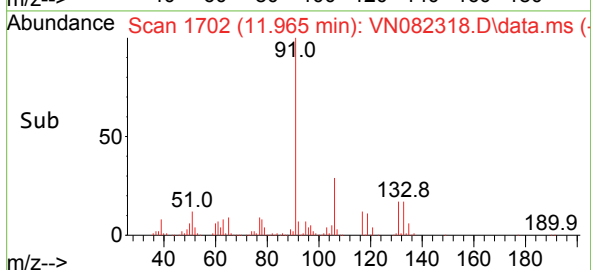
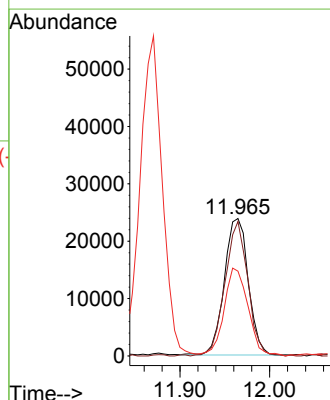
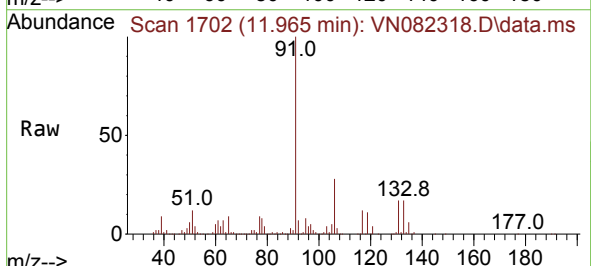
Tgt Ion:131 Resp: 44235

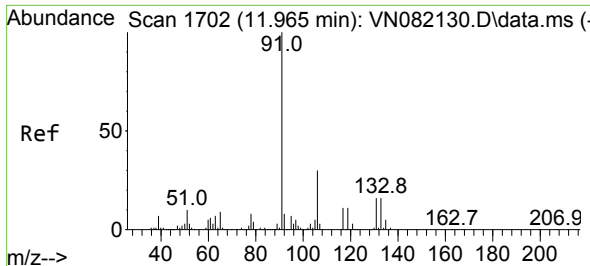
Ion Ratio Lower Upper

131 100

133 94.1 47.5 142.6

119 64.6 32.9 98.7

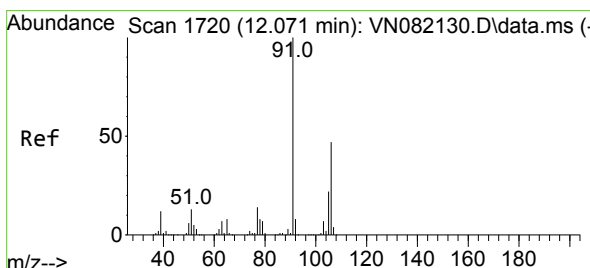
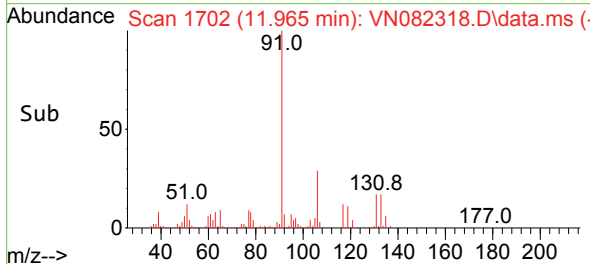
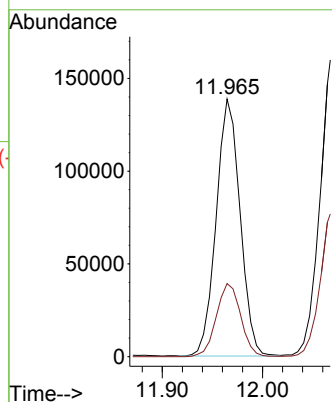
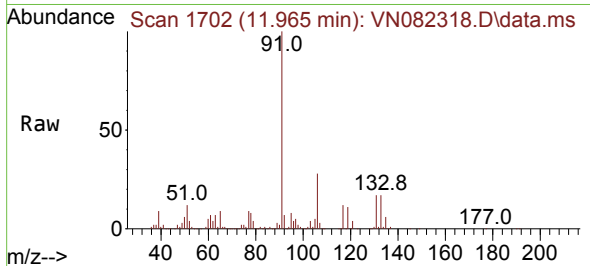




#67
Ethyl Benzene
Concen: 19.513 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

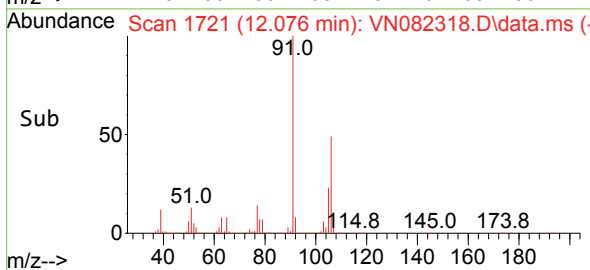
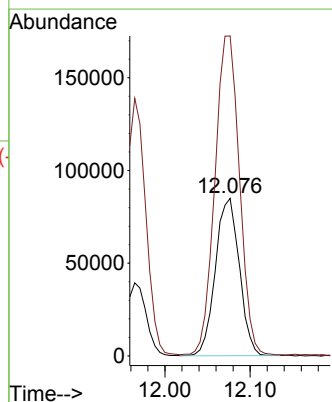
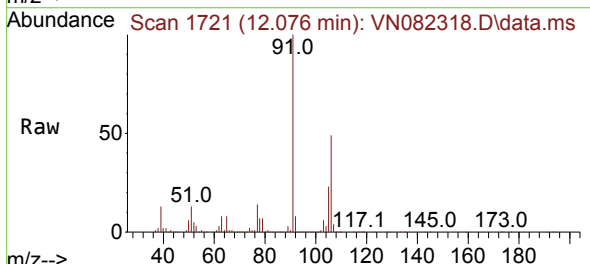
Instrument :
MSVOA_N
ClientSampleId :

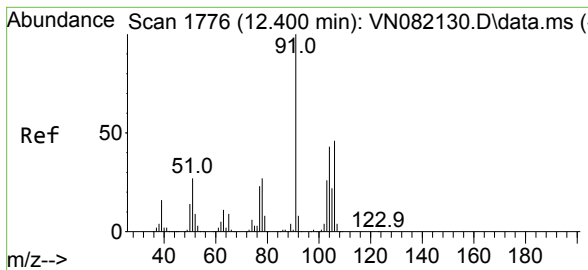
Tgt Ion: 91 Resp: 229110
Ion Ratio Lower Upper
91 100
106 28.4 25.3 37.9



#68
m/p-Xylenes
Concen: 38.465 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:106 Resp: 165526
Ion Ratio Lower Upper
106 100
91 208.2 159.4 239.0

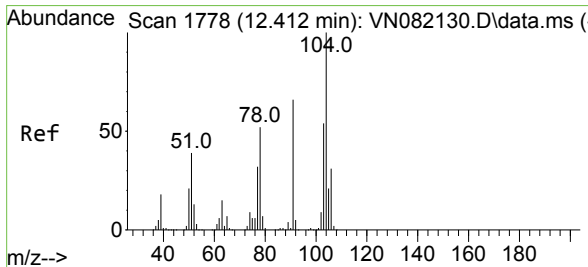
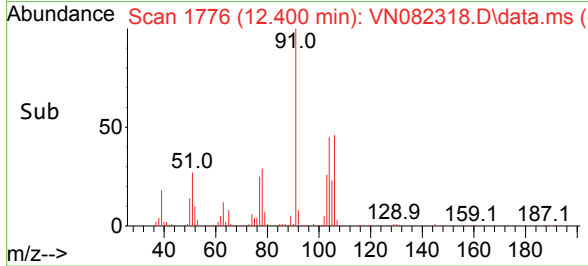
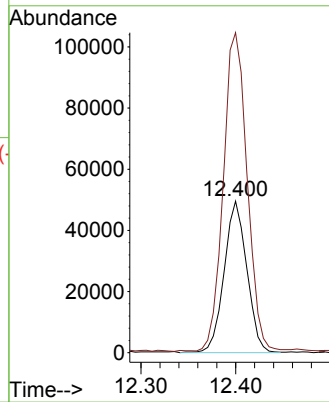
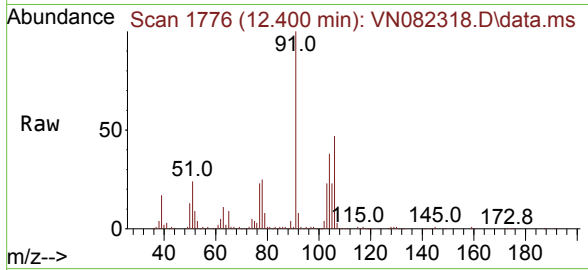




#69
o-Xylene
Concen: 19.818 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

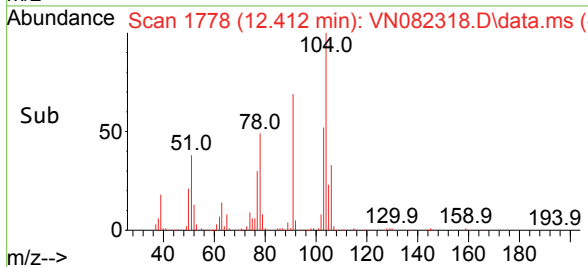
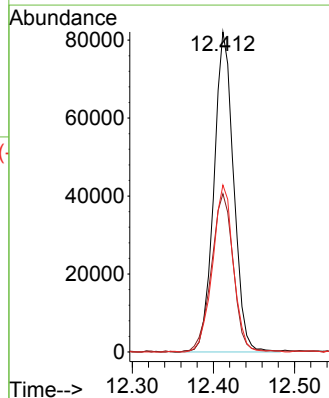
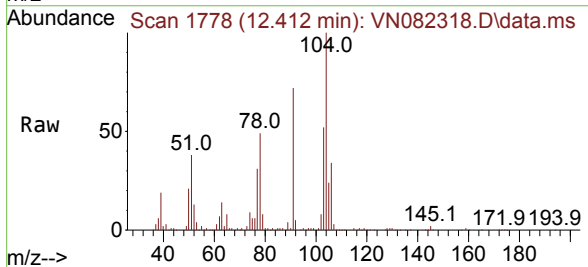
Instrument :
MSVOA_N
ClientSampleId :

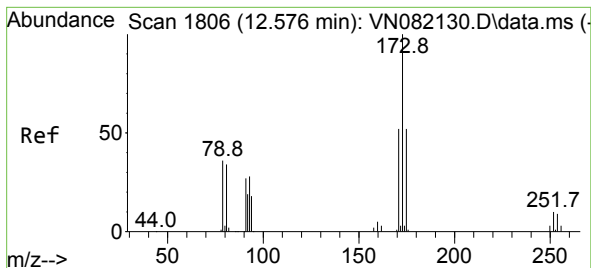
Tgt Ion:106 Resp: 82611
Ion Ratio Lower Upper
106 100
91 219.5 104.7 314.1



#70
Styrene
Concen: 20.068 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:104 Resp: 138950
Ion Ratio Lower Upper
104 100
78 55.0 38.6 58.0
103 54.6 43.8 65.6





#71

Bromoform

Concen: 19.090 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

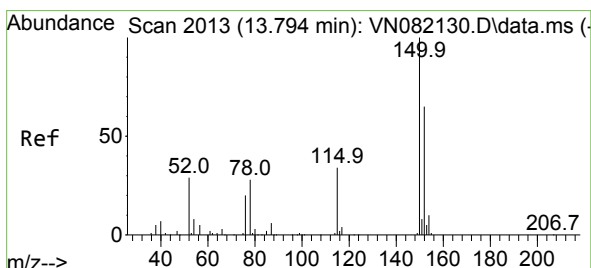
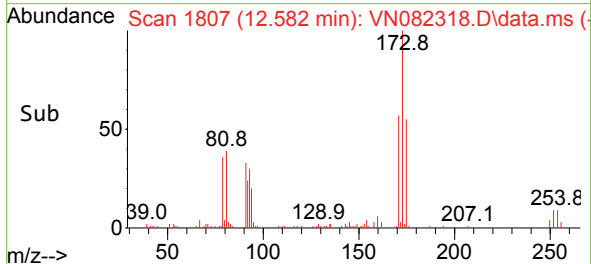
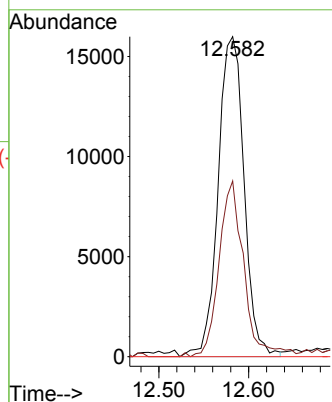
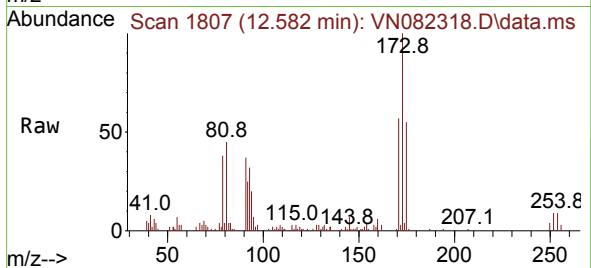
Tgt Ion:173 Resp: 32071

Ion Ratio Lower Upper

173 100

175 52.5 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: VN082318.D

Acq: 23 May 2024 13:53

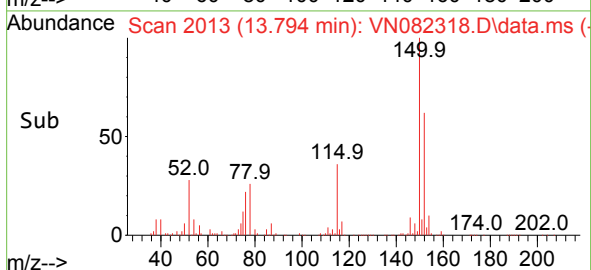
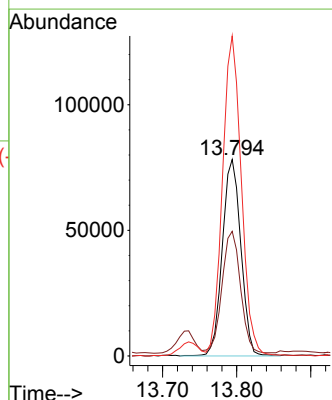
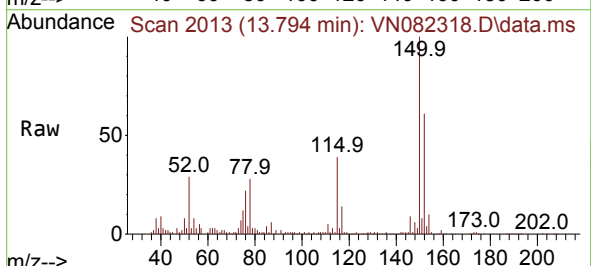
Tgt Ion:152 Resp: 136058

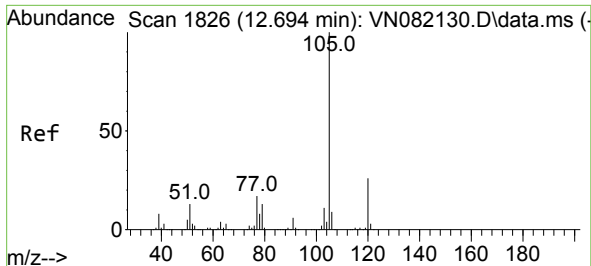
Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.3

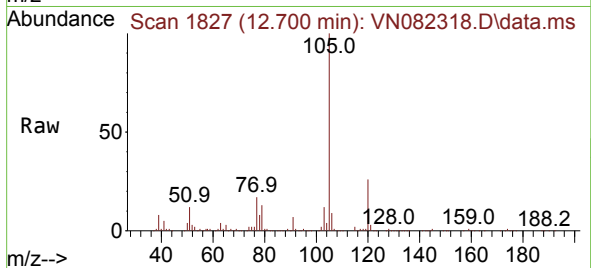
150 164.5 0.0 353.2



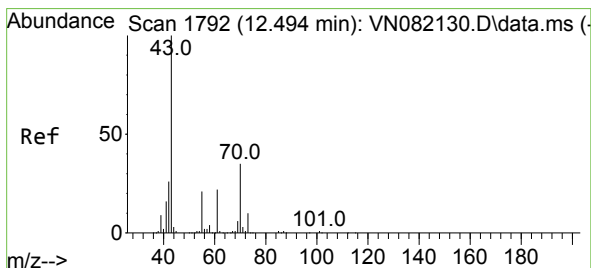
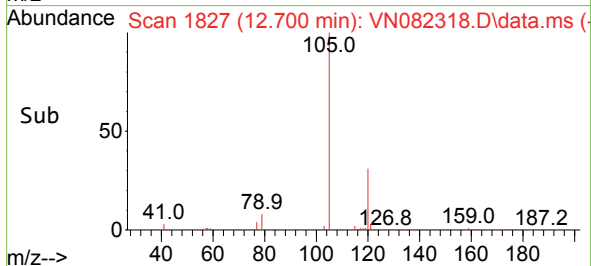
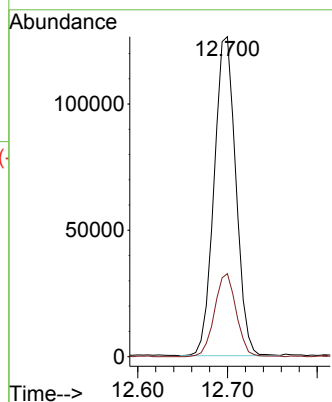


#73
Isopropylbenzene
Concen: 19.620 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

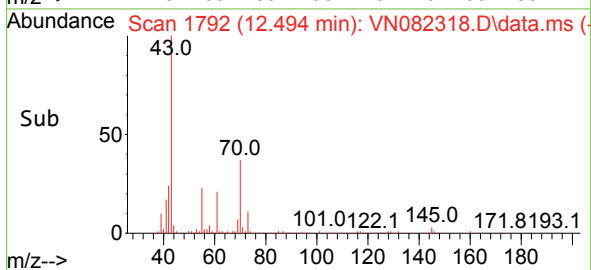
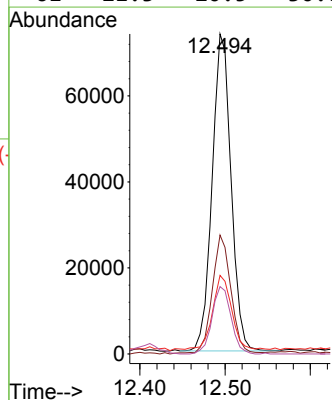
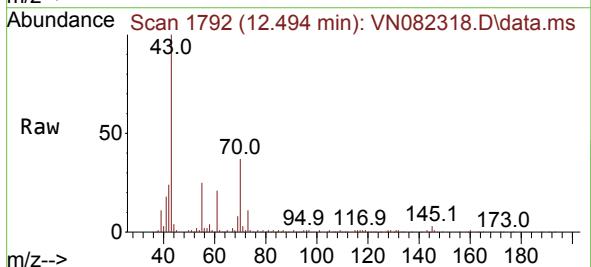


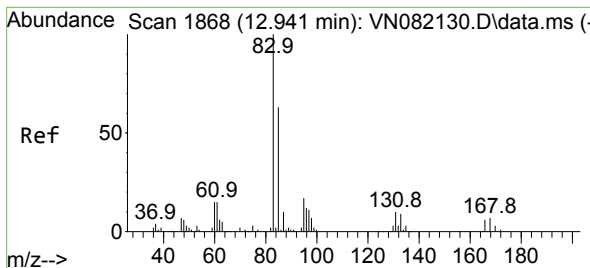
Tgt Ion:105 Resp: 212075
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-ethyl acetate
Concen: 19.176 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 43 Resp: 114012
Ion Ratio Lower Upper
43 100
70 37.3 39.0 58.4#
55 25.0 21.3 31.9
61 21.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.779 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

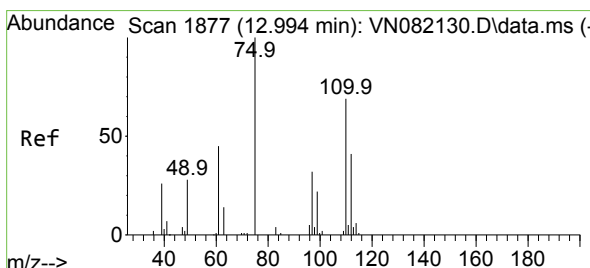
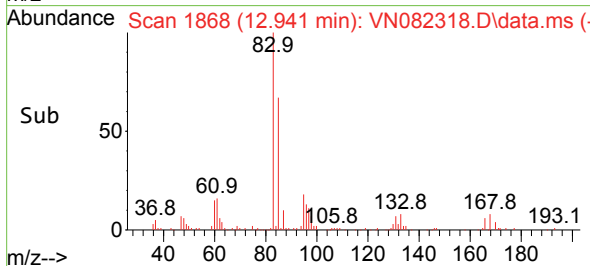
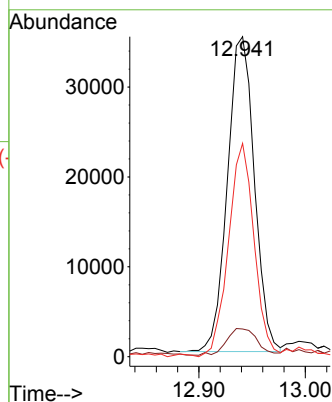
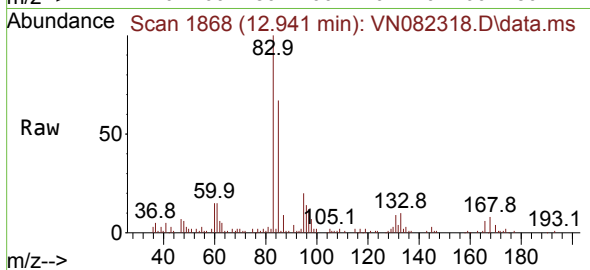
Tgt Ion: 83 Resp: 61629

Ion Ratio Lower Upper

83 100

131 9.3 5.5 16.4

85 64.4 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 30.398 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082318.D

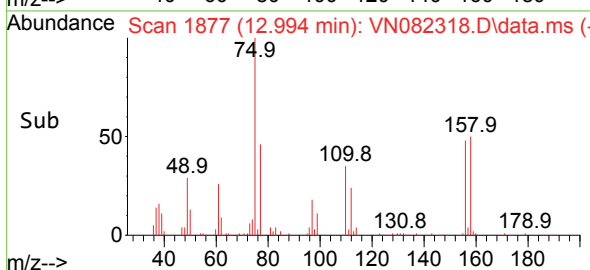
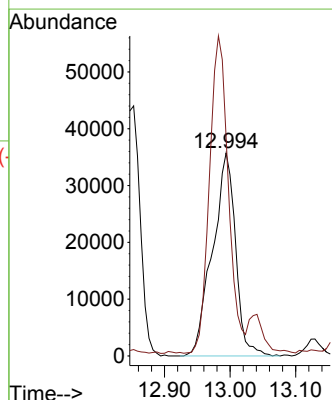
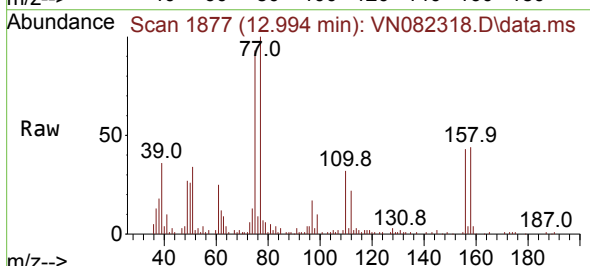
Acq: 23 May 2024 13:53

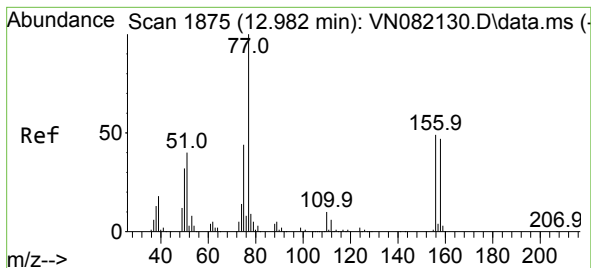
Tgt Ion: 75 Resp: 87051

Ion Ratio Lower Upper

75 100

77 128.7 90.5 271.3





#77

Bromobenzene

Concen: 18.975 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

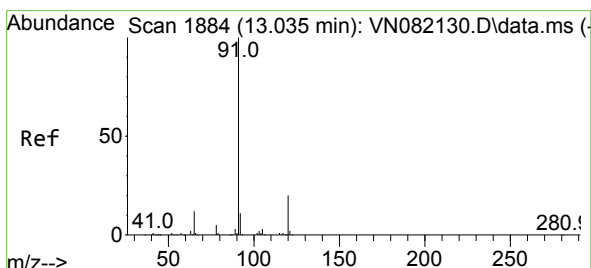
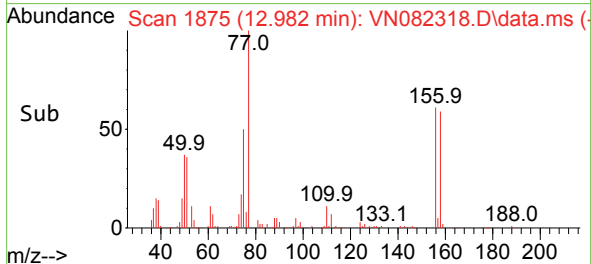
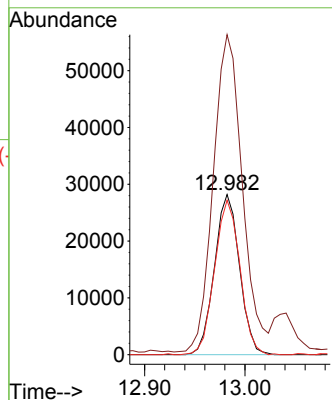
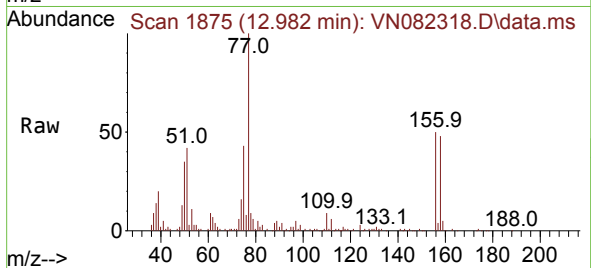
Tgt Ion:156 Resp: 48878

Ion Ratio Lower Upper

156 100

77 229.3 100.2 300.6

158 97.6 49.1 147.3



#78

n-propylbenzene

Concen: 19.551 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082318.D

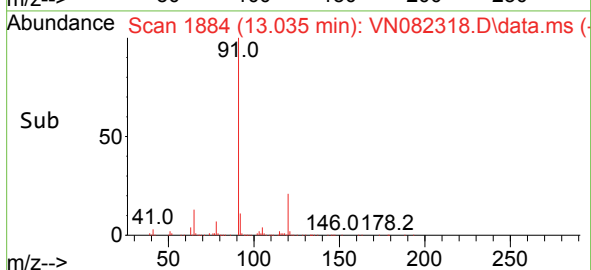
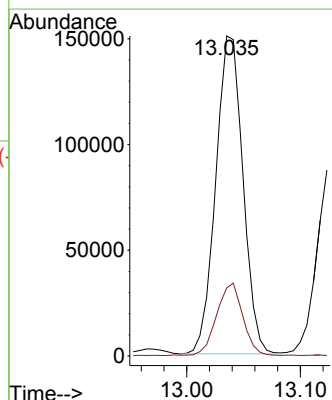
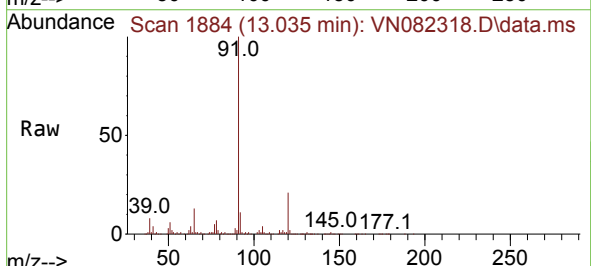
Acq: 23 May 2024 13:53

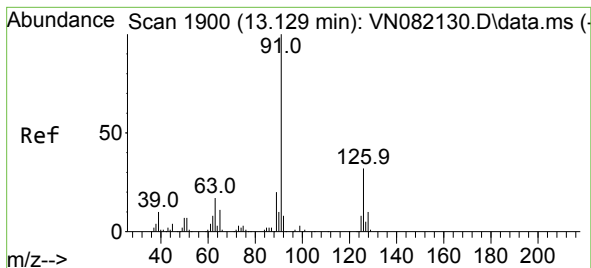
Tgt Ion: 91 Resp: 250252

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0

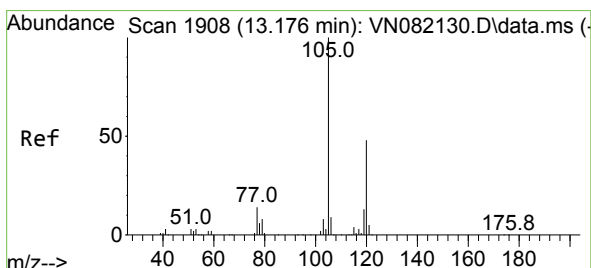
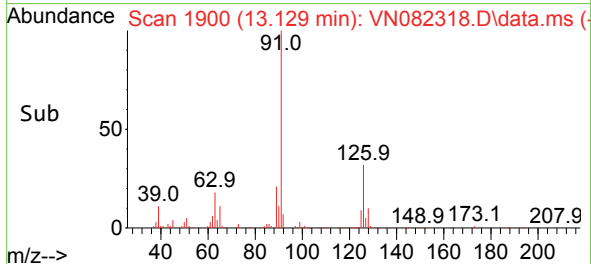
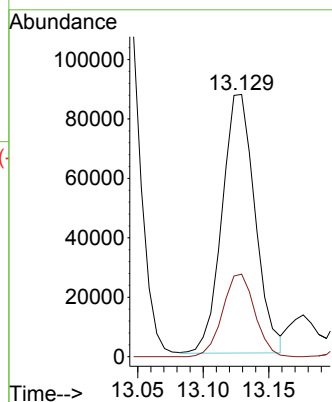
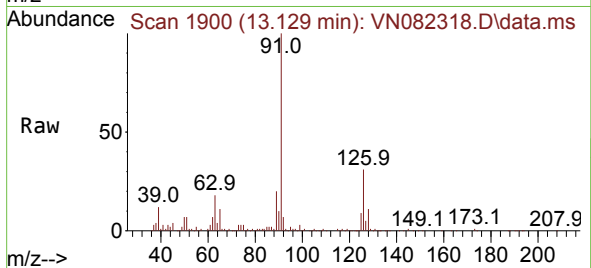




#79
2-Chlorotoluene
Concen: 19.000 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

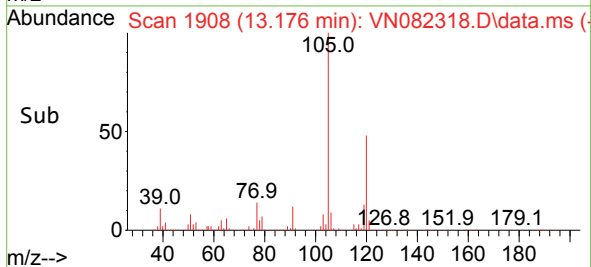
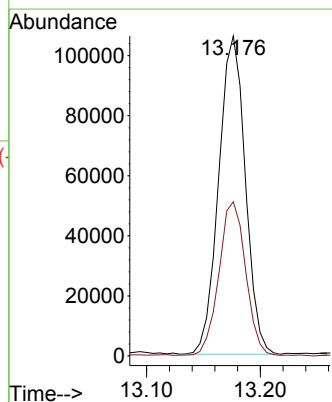
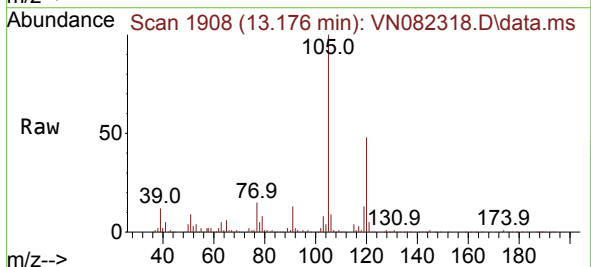
Instrument :
MSVOA_N
ClientSampleId :

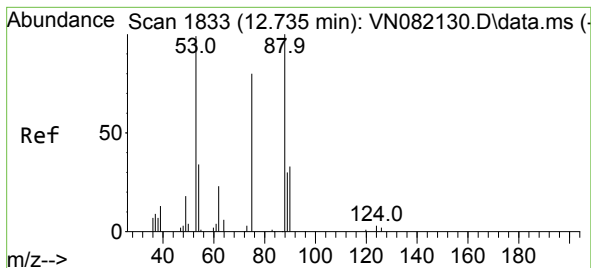
Tgt Ion: 91 Resp: 152709
Ion Ratio Lower Upper
91 100
126 31.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.731 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion:105 Resp: 172448
Ion Ratio Lower Upper
105 100
120 48.1 24.8 74.3

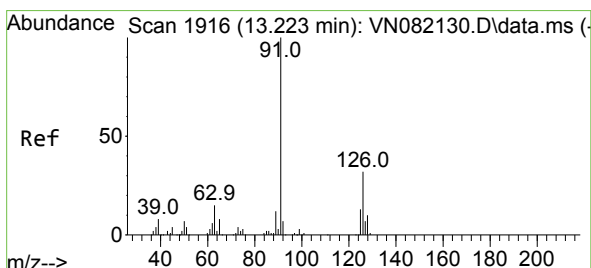
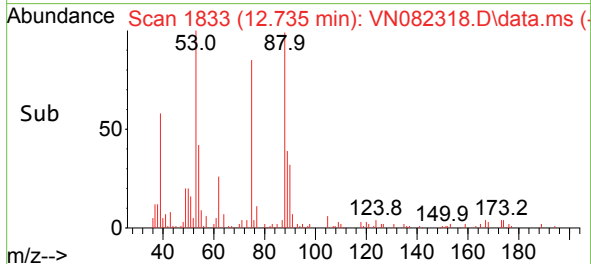
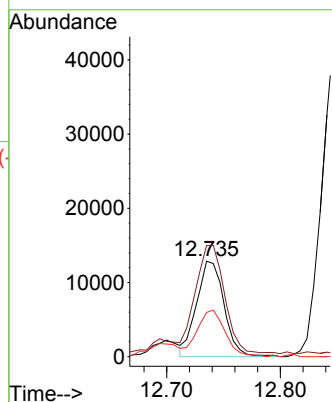
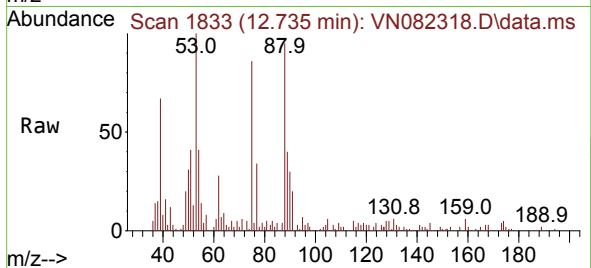




#81
trans-1,4-Dichloro-2-butene
Concen: 17.716 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

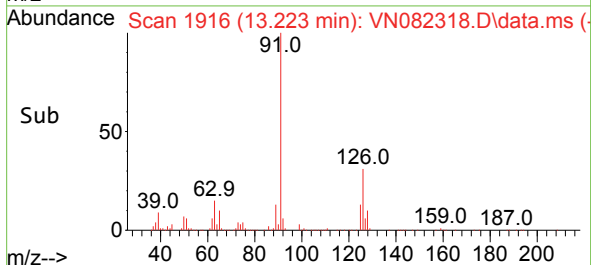
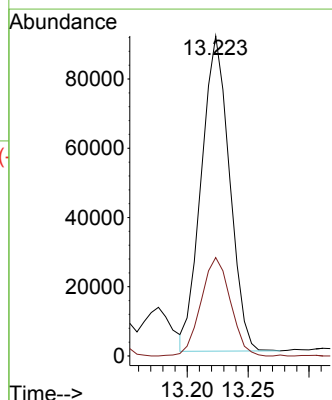
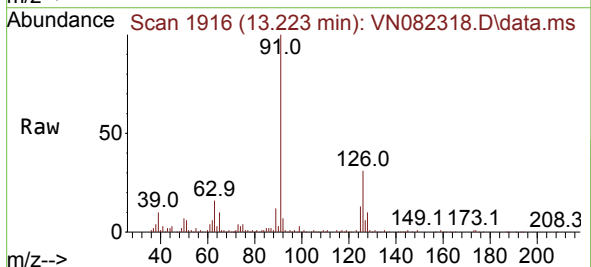
Instrument :
MSVOA_N
ClientSampleId :

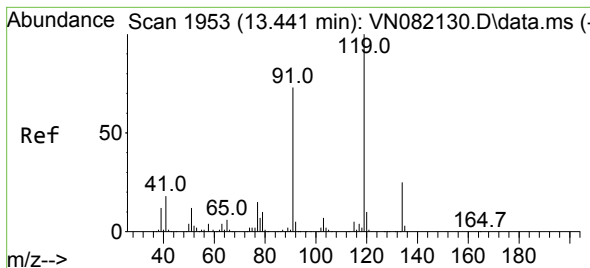
Tgt Ion: 75 Resp: 21690
Ion Ratio Lower Upper
75 100
53 120.2 72.9 109.3#
89 49.8 39.1 58.7



#82
4-Chlorotoluene
Concen: 18.688 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

Tgt Ion: 91 Resp: 146856
Ion Ratio Lower Upper
91 100
126 32.5 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.777 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

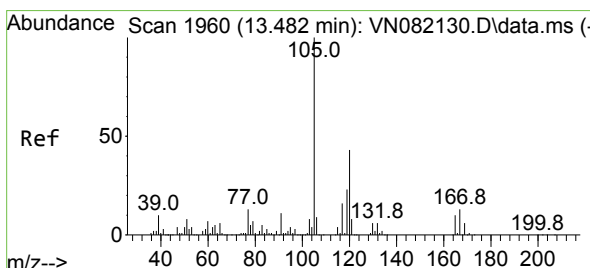
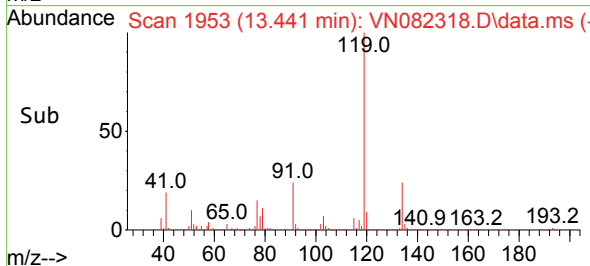
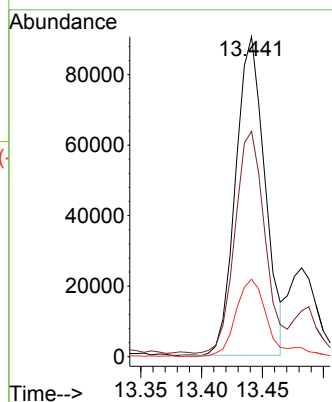
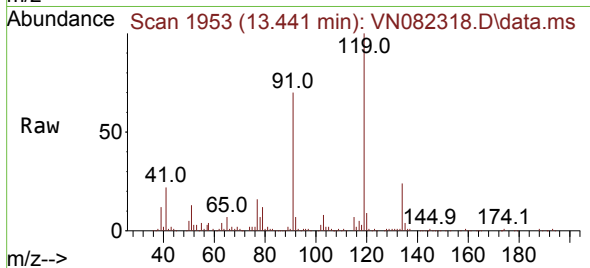
Tgt Ion:119 Resp: 151221

Ion Ratio Lower Upper

119 100

91 71.8 32.6 97.8

134 27.1 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 20.085 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082318.D

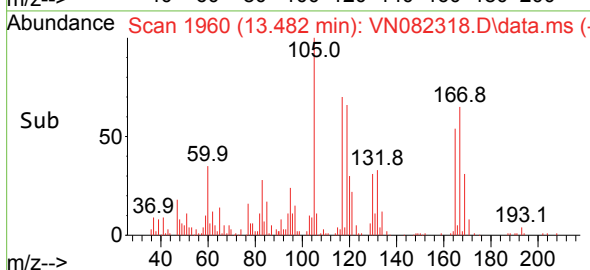
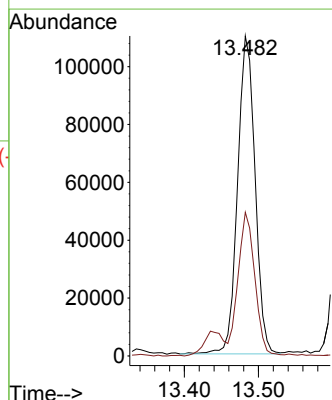
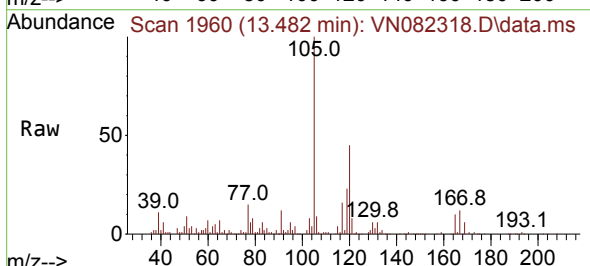
Acq: 23 May 2024 13:53

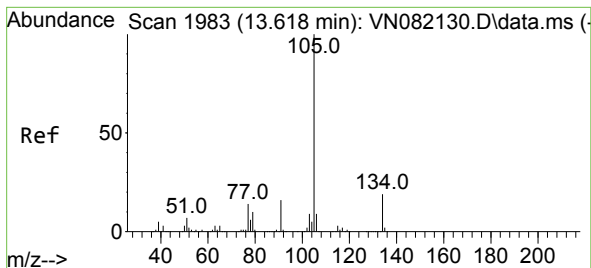
Tgt Ion:105 Resp: 179601

Ion Ratio Lower Upper

105 100

120 42.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.001 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

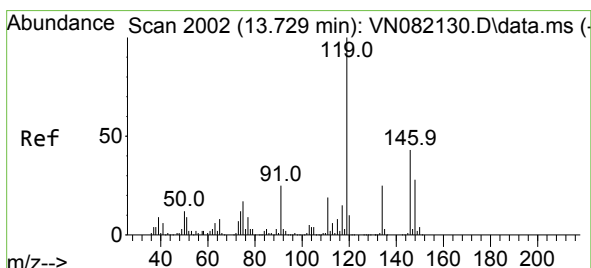
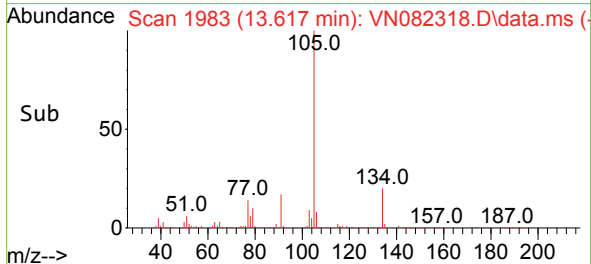
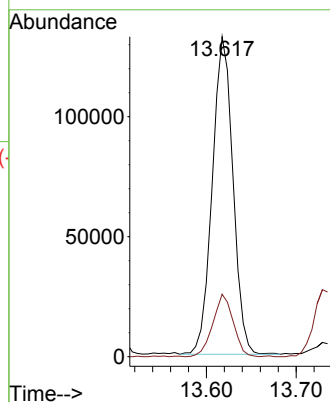
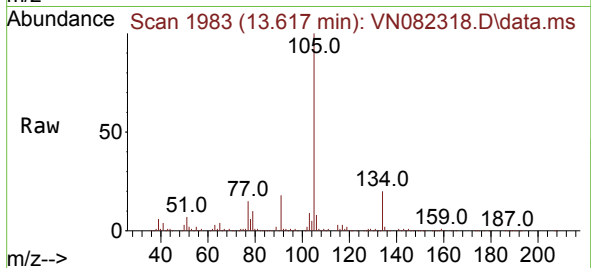
ClientSampleId :

Tgt Ion:105 Resp: 211984

Ion Ratio Lower Upper

105 100

134 19.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.032 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

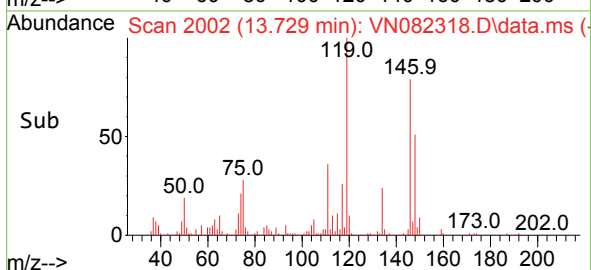
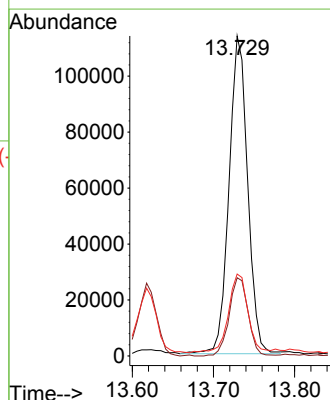
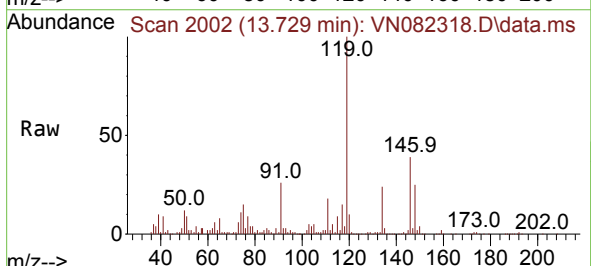
Tgt Ion:119 Resp: 181155

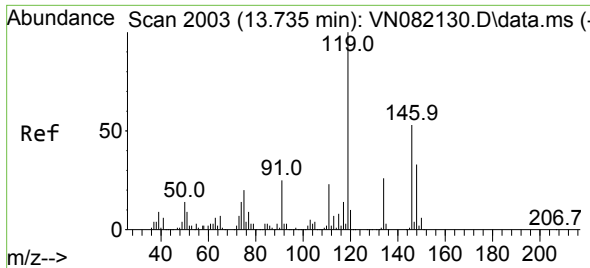
Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.5

91 25.9 11.8 35.3

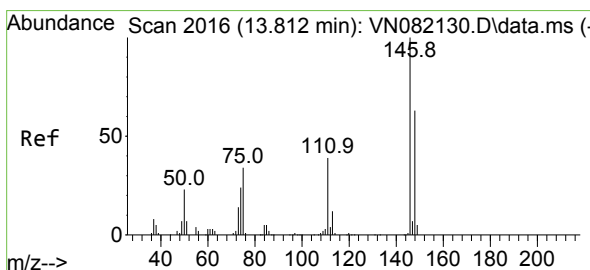
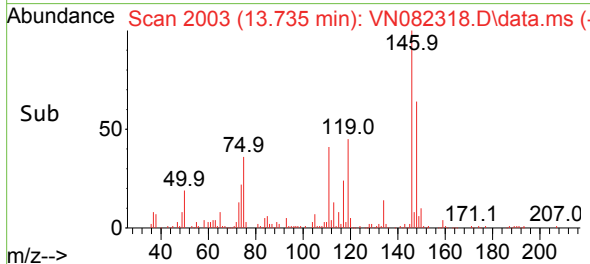
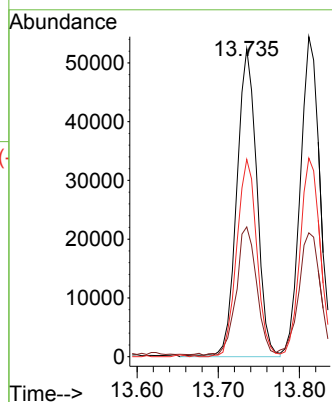
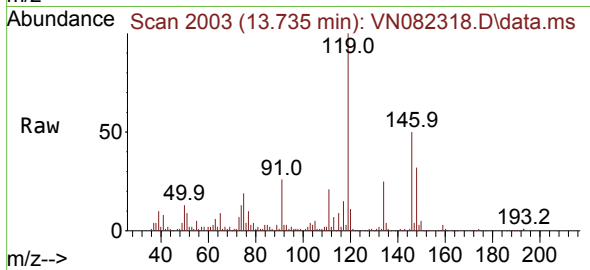




#87
 1,3-Dichlorobenzene
 Concen: 19.186 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

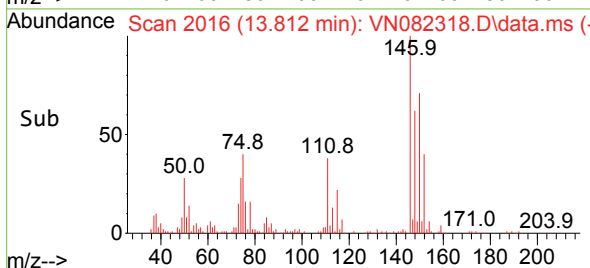
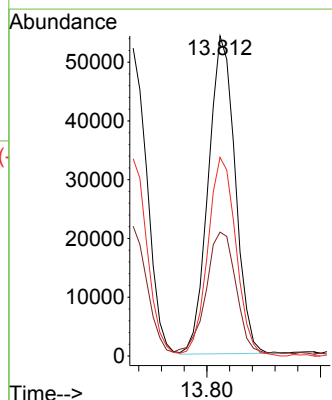
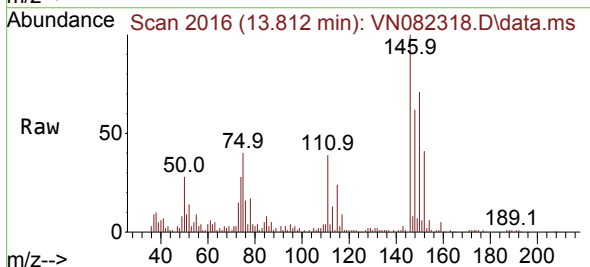
Instrument :
 MSVOA_N
 ClientSampleId :

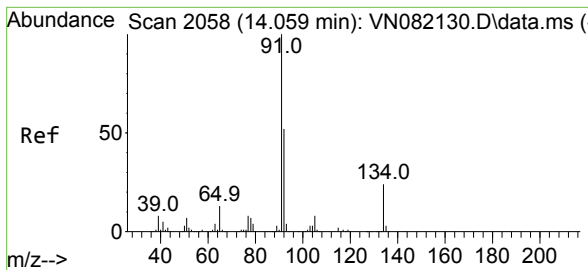
Tgt Ion:146 Resp: 89537
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.5
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.663 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

Tgt Ion:146 Resp: 88893
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.3 57.9
 148 65.6 31.3 93.9

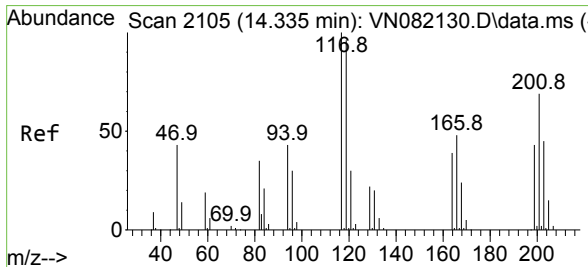
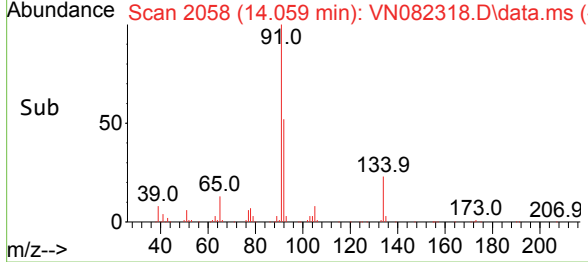
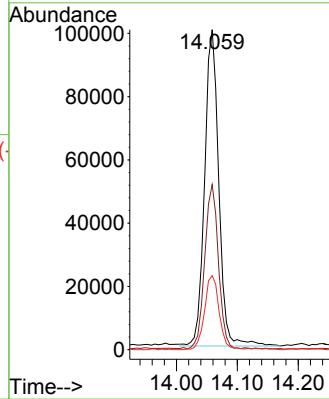
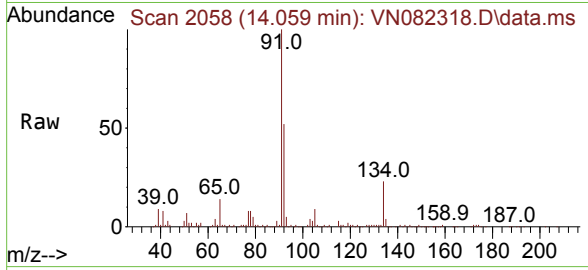




#89
n-Butylbenzene
Concen: 20.941 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

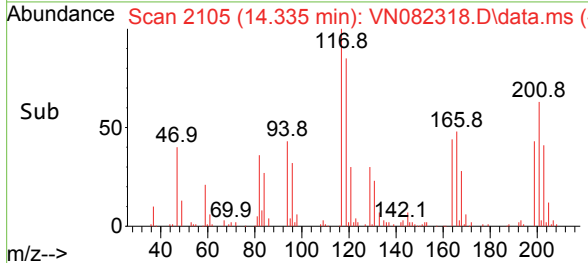
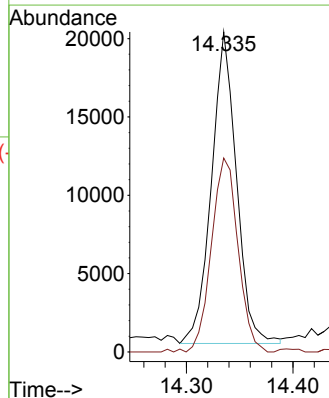
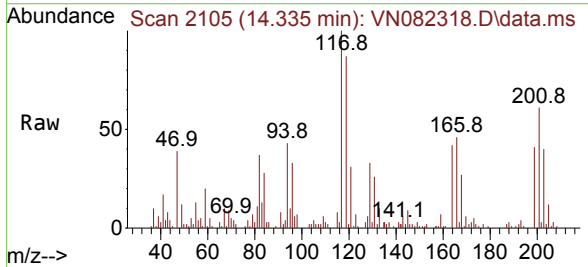
Instrument :
MSVOA_N
ClientSampleId :

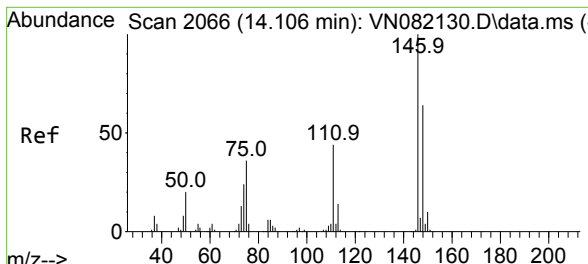
Tgt Ion: 91 Resp: 162123
Ion Ratio Lower Upper
91 100
92 49.9 26.2 78.5
134 24.0 13.2 39.5



#90
Hexachloroethane
Concen: 20.324 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082318.D
Acq: 23 May 2024 13:53

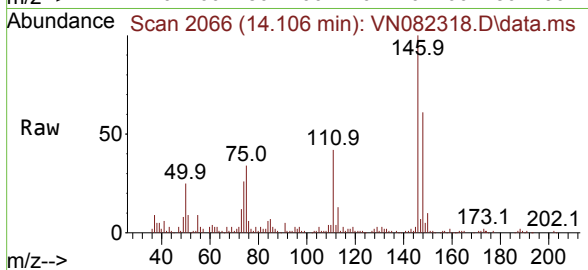
Tgt Ion: 117 Resp: 32434
Ion Ratio Lower Upper
117 100
201 66.0 33.3 99.8



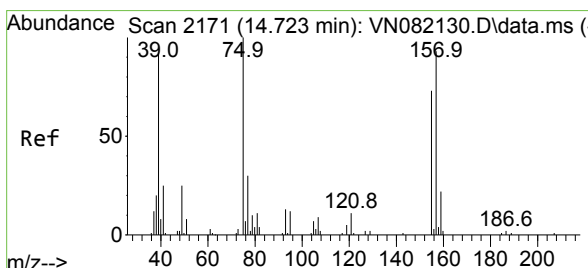
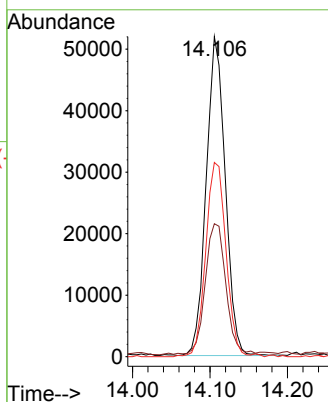
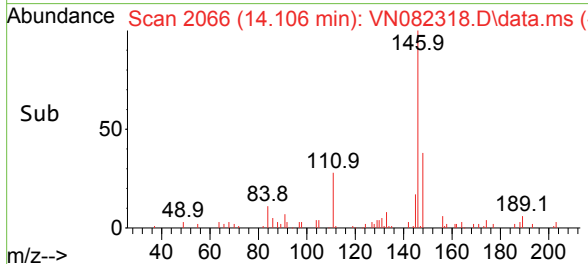


#91
 1,2-Dichlorobenzene
 Concen: 20.077 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53

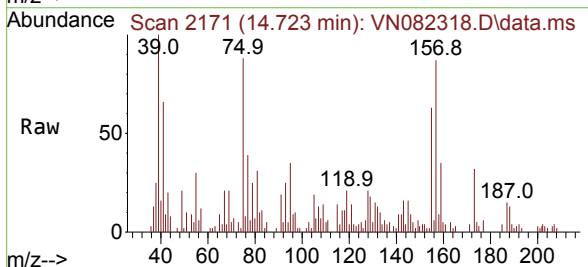
Instrument :
 MSVOA_N
 ClientSampleId :



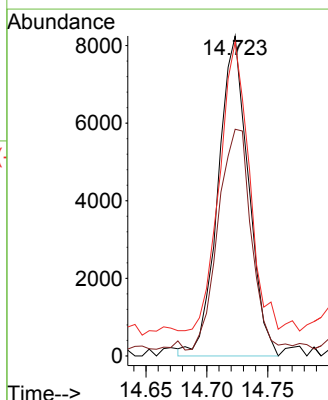
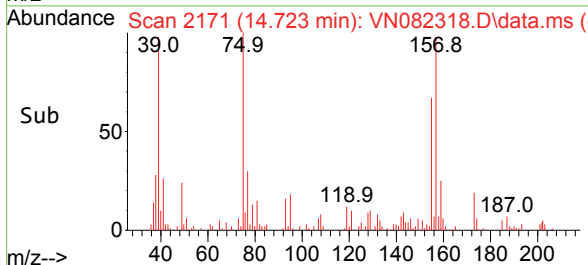
Tgt Ion:	146	Resp:	88690
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.3	64.0
148	64.5	31.8	95.4

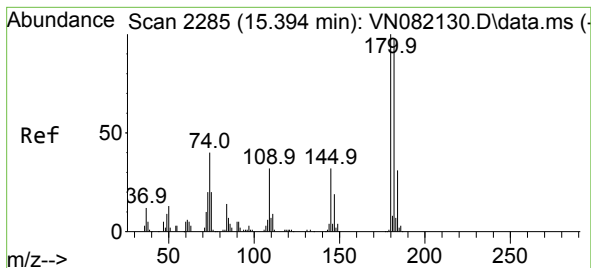


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.284 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN082318.D
 Acq: 23 May 2024 13:53



Tgt Ion:	75	Resp:	14266
Ion Ratio	Lower	Upper	
75	100		
155	77.8	42.6	128.0
157	87.9	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 20.106 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

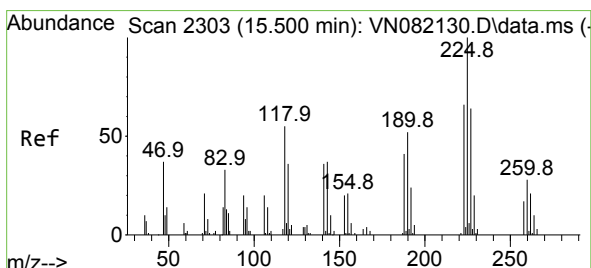
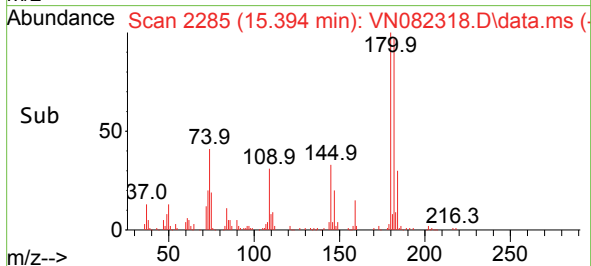
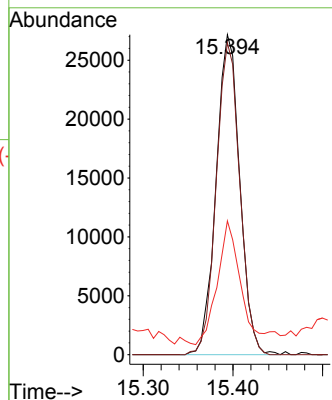
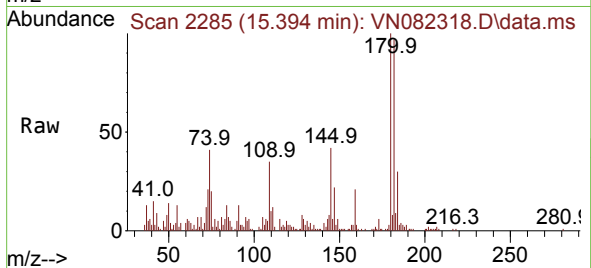
Tgt Ion:180 Resp: 49787

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.0

145 37.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 19.022 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

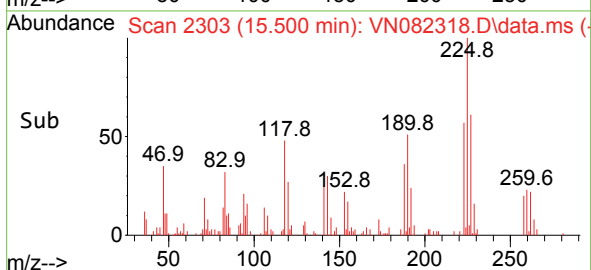
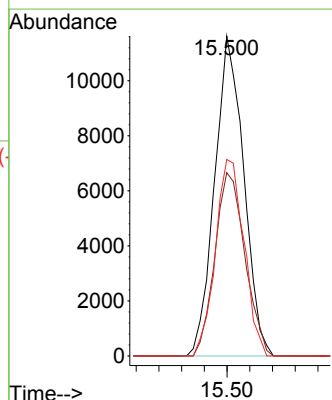
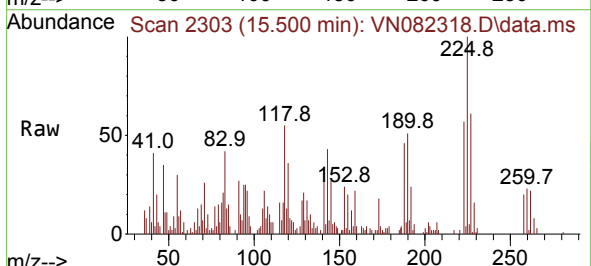
Tgt Ion:225 Resp: 20668

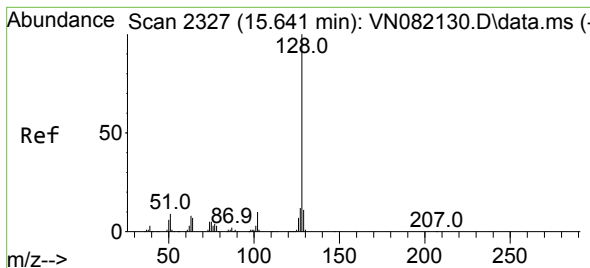
Ion Ratio Lower Upper

225 100

223 59.3 31.1 93.2

227 60.3 30.6 91.6





#95

Naphthalene

Concen: 24.495 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082318.D

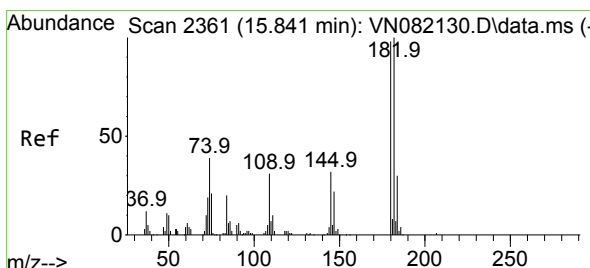
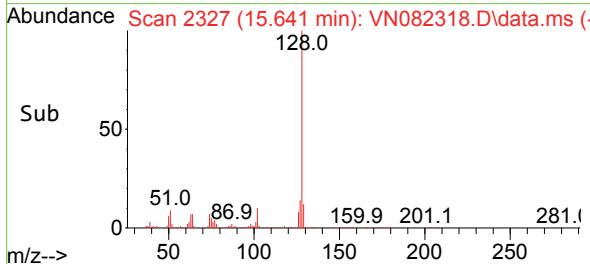
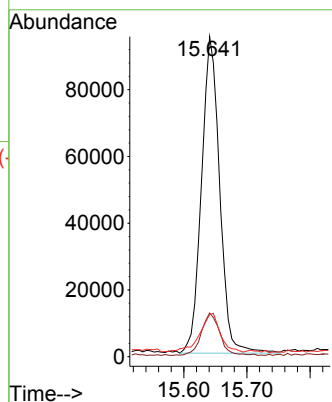
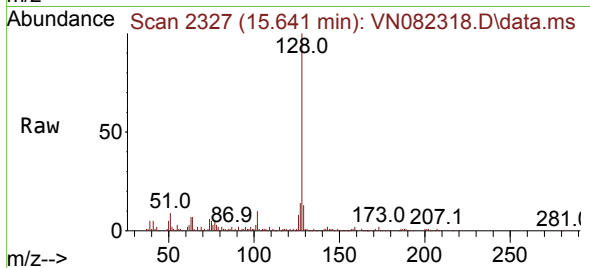
Acq: 23 May 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 190081
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.1 15.1
 129 13.6 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 21.438 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082318.D

Acq: 23 May 2024 13:53

Tgt Ion:180 Resp: 53141
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.0 137.8
 145 34.3 17.1 51.3

