

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082232.D
 Acq On : 21 May 2024 11:34
 Operator : JC\MD
 Sample : VN0521WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Quant Time: May 22 01:23:35 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	194900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144996	47.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.220%
35) Dibromofluoromethane	8.171	113	100092	48.075	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.565	98	379194	47.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.847	95	132634	46.554	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52438	18.661	ug/l	98
3) Chloromethane	2.359	50	58474	18.362	ug/l	99
4) Vinyl Chloride	2.512	62	56577	18.898	ug/l	100
5) Bromomethane	2.959	94	31633	18.383	ug/l	94
6) Chloroethane	3.124	64	37478	19.172	ug/l	99
7) Trichlorofluoromethane	3.495	101	78158	19.937	ug/l	99
8) Diethyl Ether	3.965	74	27320	19.562	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.377	101	45083	19.686	ug/l	97
10) Methyl Iodide	4.583	142	39205	17.029	ug/l #	98
11) Tert butyl alcohol	5.518	59	47053	95.247	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40537	19.044	ug/l	83
13) Acrolein	4.177	56	34054	93.023	ug/l	98
14) Allyl chloride	5.024	41	84413	18.523	ug/l #	89
15) Acrylonitrile	5.718	53	126385	98.782	ug/l	99
16) Acetone	4.424	43	116802	92.520	ug/l	96
17) Carbon Disulfide	4.712	76	117432	17.082	ug/l	100
18) Methyl Acetate	5.018	43	63058	20.057	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	151512	19.474	ug/l	95
20) Methylene Chloride	5.283	84	47917	18.812	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	44341	19.116	ug/l #	80
22) Diisopropyl ether	6.665	45	182899	19.220	ug/l #	90
23) Vinyl Acetate	6.600	43	808586	107.773	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	94110	19.187	ug/l	97
25) 2-Butanone	7.483	43	184670	96.480	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	80898	19.691	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	52592	19.212	ug/l	79
28) Bromochloromethane	7.812	49	41251	18.750	ug/l #	76
29) Tetrahydrofuran	7.836	42	122285	99.504	ug/l #	81
30) Chloroform	7.965	83	90785	19.382	ug/l	100
31) Cyclohexane	8.259	56	86021	17.501	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	81500	19.613	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65901	18.873	ug/l	96
37) Ethyl Acetate	7.559	43	75430	19.303	ug/l #	94
38) Carbon Tetrachloride	8.359	117	69321	19.584	ug/l	97
39) Methylcyclohexane	9.600	83	72201	18.864	ug/l #	86
40) Benzene	8.606	78	200270	19.233	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42502	18.494	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78170	19.520	ug/l	94
43) Isopropyl Acetate	8.688	43	145400	20.999	ug/l #	86
44) Trichloroethene	9.353	130	44585	18.850	ug/l	93
45) 1,2-Dichloropropane	9.624	63	52540	19.556	ug/l	98
46) Dibromomethane	9.706	93	34615	19.625	ug/l	98
47) Bromodichloromethane	9.888	83	72988	19.602	ug/l #	96
48) Methyl methacrylate	9.682	41	64108	19.430	ug/l #	81
49) 1,4-Dioxane	9.694	88	18065	390.730	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	389832	99.089	ug/l	89
52) Toluene	10.630	92	121828	19.497	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	75004	19.476	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	81056	19.884	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	44863	19.757	ug/l	97
56) Ethyl methacrylate	10.877	69	75857	19.676	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	82463	19.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	201640	101.398	ug/l	90
59) 2-Hexanone	11.194	43	289585	100.529	ug/l	89
60) Dibromochloromethane	11.359	129	50657	20.214	ug/l	98
61) 1,2-Dibromoethane	11.471	107	44966	19.279	ug/l	99
64) Tetrachloroethene	11.106	164	45143	20.326	ug/l	97
65) Chlorobenzene	11.894	112	129996	19.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44444	20.383	ug/l	99
67) Ethyl Benzene	11.965	91	230802	19.491	ug/l	99
68) m/p-Xylenes	12.071	106	169453	39.044	ug/l	92
69) o-Xylene	12.400	106	82258	19.566	ug/l	92
70) Styrene	12.412	104	139484	19.975	ug/l	96
71) Bromoform	12.576	173	32997	19.461	ug/l #	98
73) Isopropylbenzene	12.694	105	214719	19.637	ug/l	97
74) N-amyl acetate	12.494	43	111954	18.614	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	61561	19.531	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	86058	29.707	ug/l	65
77) Bromobenzene	12.982	156	49949	19.168	ug/l	88
78) n-propylbenzene	13.035	91	251943	19.458	ug/l	96
79) 2-Chlorotoluene	13.129	91	155063	19.072	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	177443	20.069	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25042	20.219	ug/l #	83
82) 4-Chlorotoluene	13.223	91	156806	19.725	ug/l	94
83) tert-Butylbenzene	13.441	119	148033	19.138	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	178785	19.765	ug/l	98
85) sec-Butylbenzene	13.618	105	209939	19.582	ug/l	98
86) p-Isopropyltoluene	13.729	119	173177	19.875	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	90342	19.137	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	91193	18.926	ug/l	97
89) n-Butylbenzene	14.059	91	147027	18.774	ug/l	98
90) Hexachloroethane	14.335	117	31657	19.610	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	88702	19.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13013	20.094	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	46629	18.615	ug/l	98
94) Hexachlorobutadiene	15.500	225	19770	17.987	ug/l	94
95) Naphthalene	15.641	128	148554	18.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48047	19.161	ug/l	97

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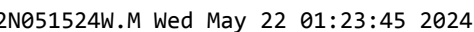
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

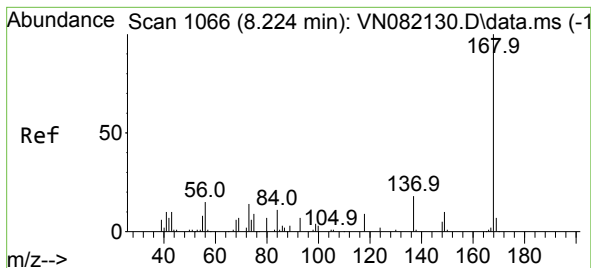
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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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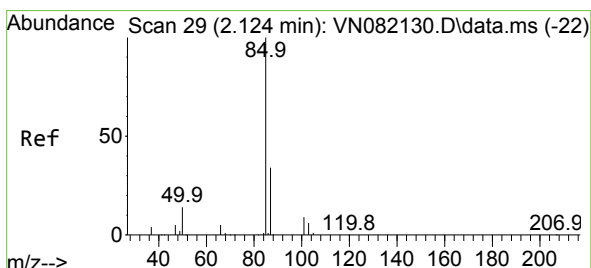
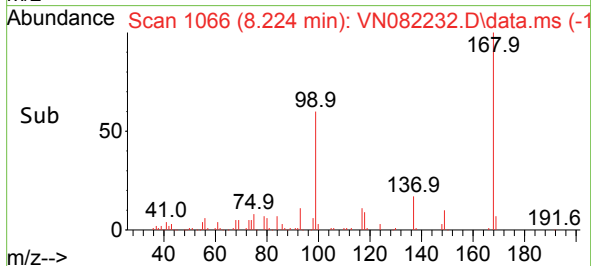
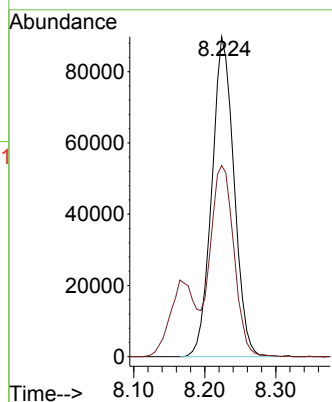
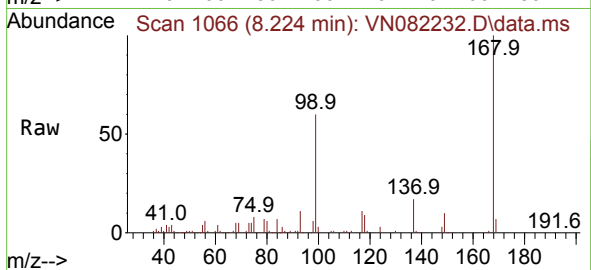
VN0521WBS01

Tgt Ion:168 Resp: 194900

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.661 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082232.D

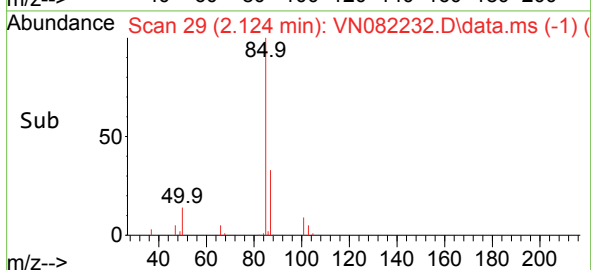
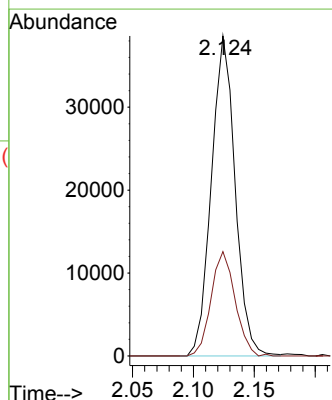
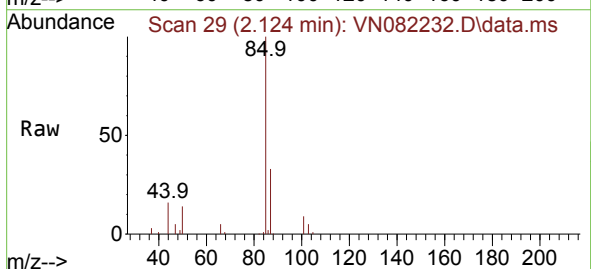
Acq: 21 May 2024 11:34

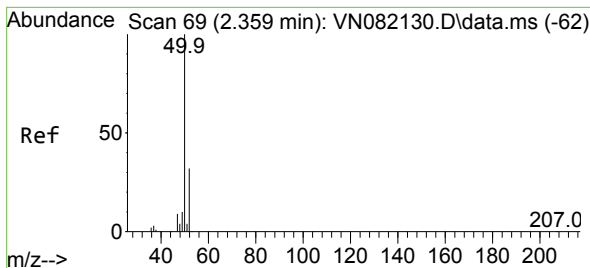
Tgt Ion: 85 Resp: 52438

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4





#3

Chloromethane

Concen: 18.362 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

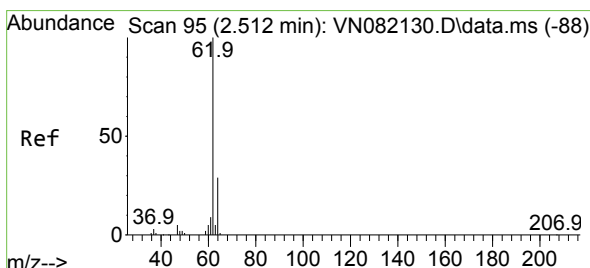
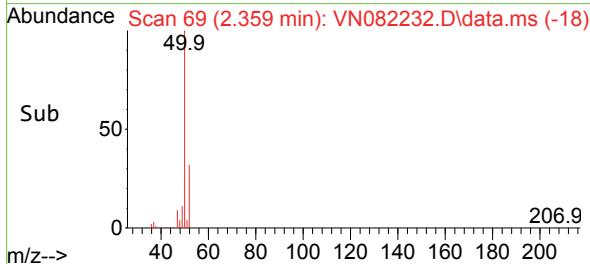
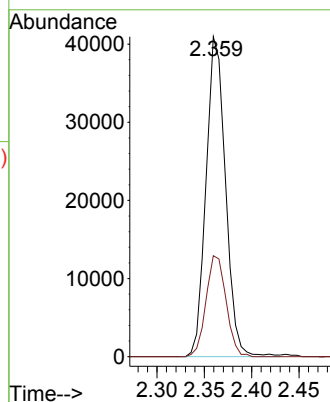
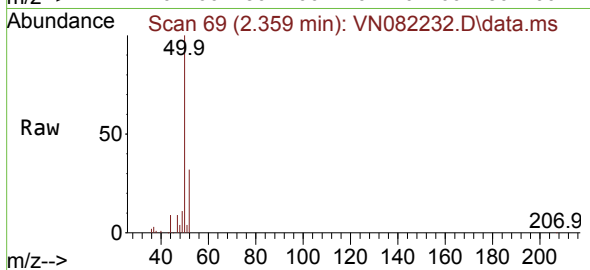
VN0521WBS01

Tgt Ion: 50 Resp: 58474

Ion Ratio Lower Upper

50 100

52 31.6 25.5 38.3



#4

Vinyl Chloride

Concen: 18.898 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN082232.D

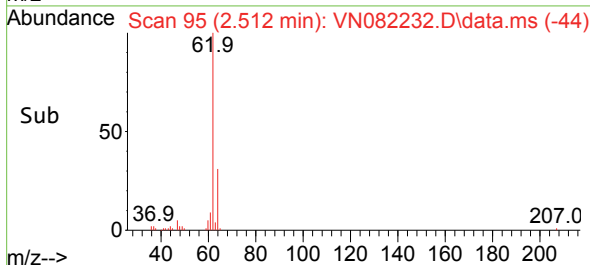
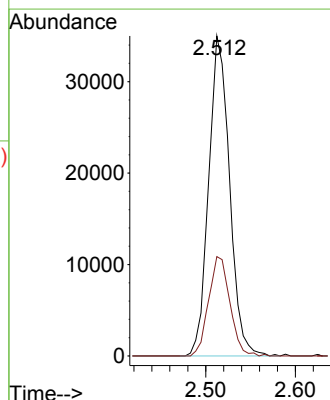
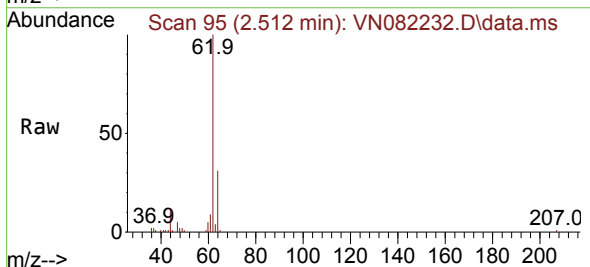
Acq: 21 May 2024 11:34

Tgt Ion: 62 Resp: 56577

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0

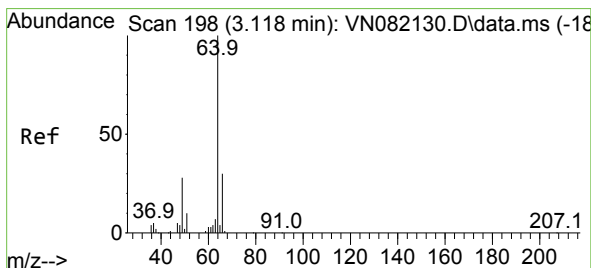
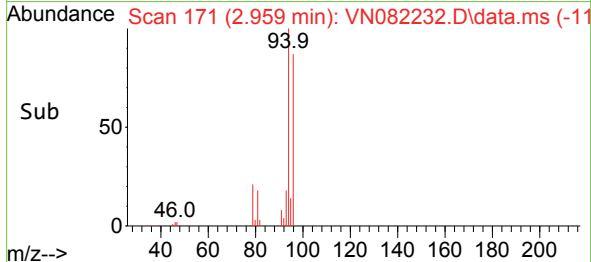
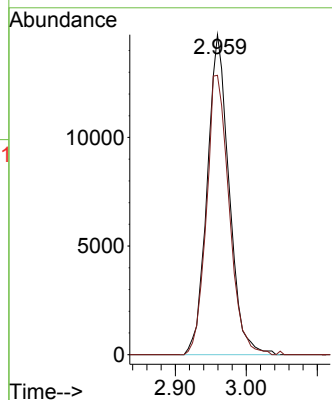
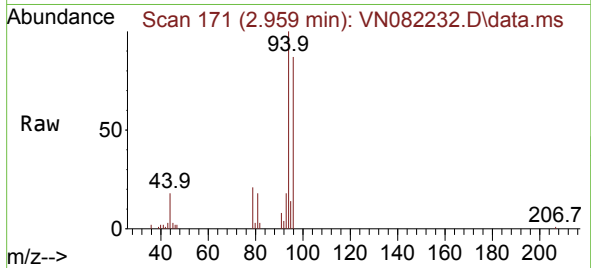




#5
Bromomethane
Concen: 18.383 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

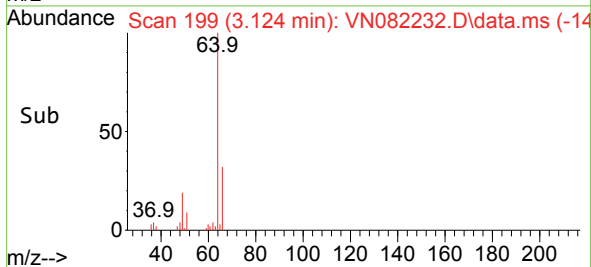
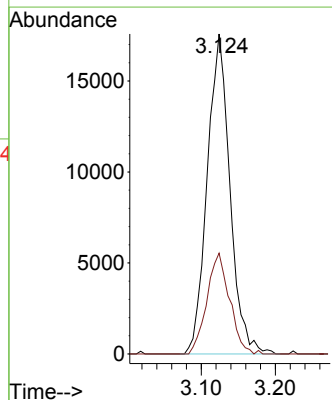
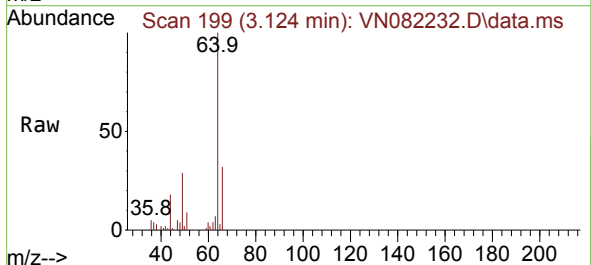
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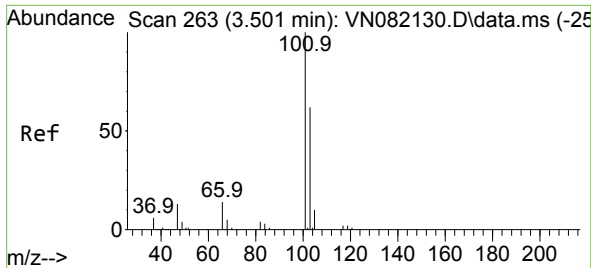
Tgt Ion: 94 Resp: 31633
Ion Ratio Lower Upper
94 100
96 87.3 74.8 112.2



#6
Chloroethane
Concen: 19.172 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 64 Resp: 37478
Ion Ratio Lower Upper
64 100
66 31.5 24.7 37.1

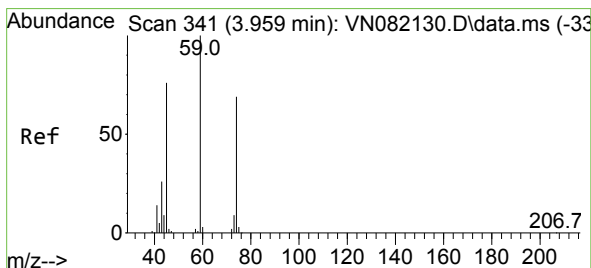
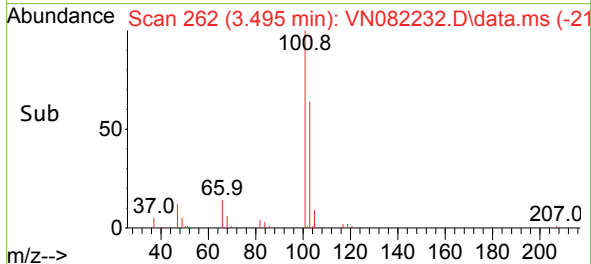
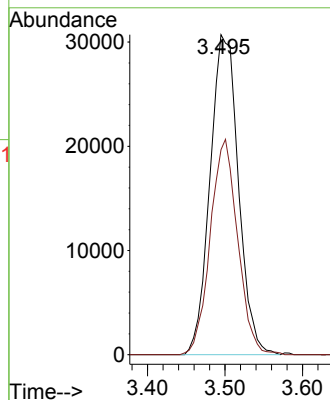
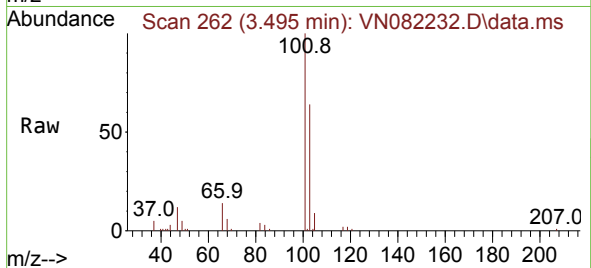




#7
Trichlorofluoromethane
Concen: 19.937 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

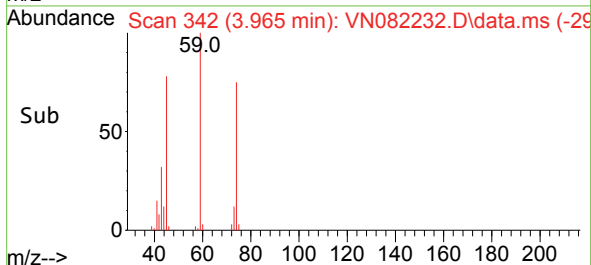
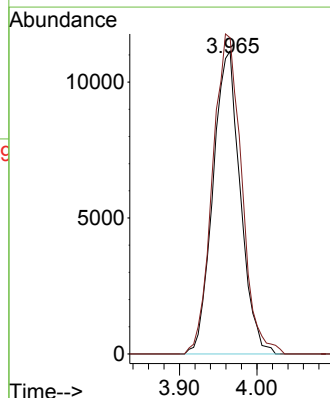
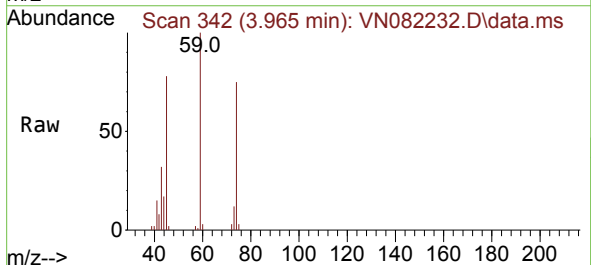
Instrument :
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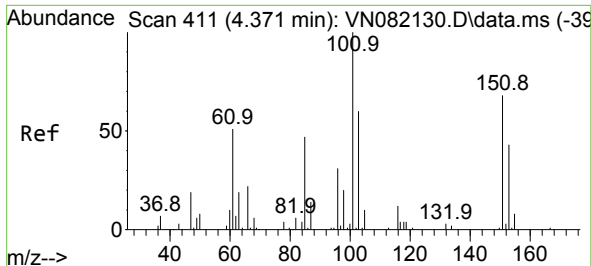
Tgt Ion:101 Resp: 78158
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8



#8
Diethyl Ether
Concen: 19.562 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 74 Resp: 27320
Ion Ratio Lower Upper
74 100
45 112.1 42.4 127.3

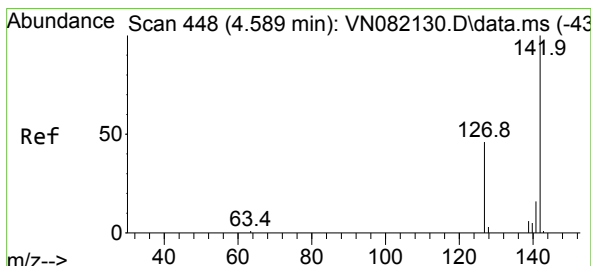
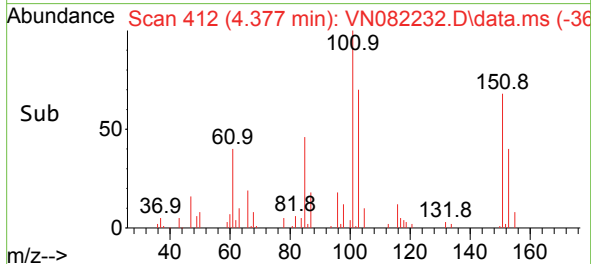
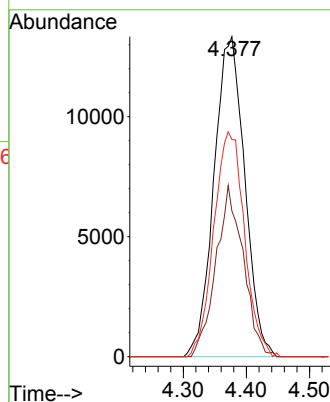
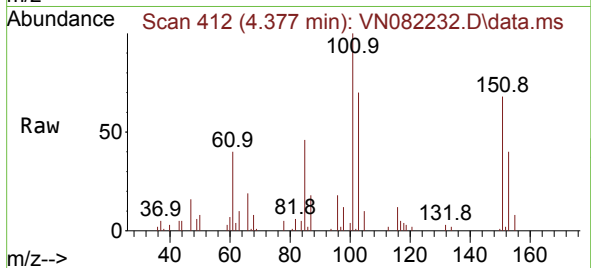




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.686 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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Acq: 21 May 2024 11:34

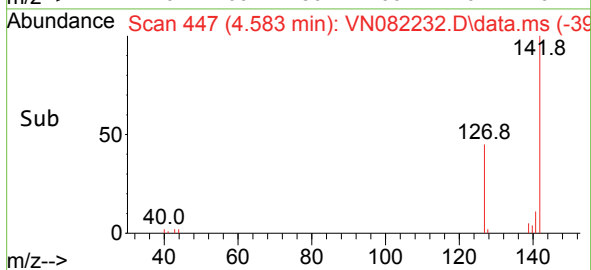
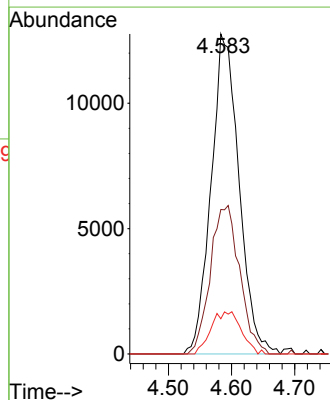
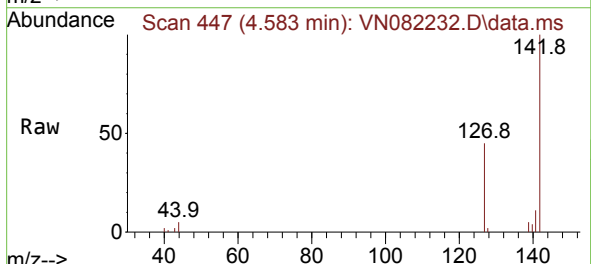
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:101 Resp: 45083
Ion Ratio Lower Upper
101 100
85 47.9 37.3 55.9
151 70.3 59.2 88.8



#10
Methyl Iodide
Concen: 17.029 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:142 Resp: 39205
Ion Ratio Lower Upper
142 100
127 45.1 35.8 53.6
141 11.0 11.4 17.2#

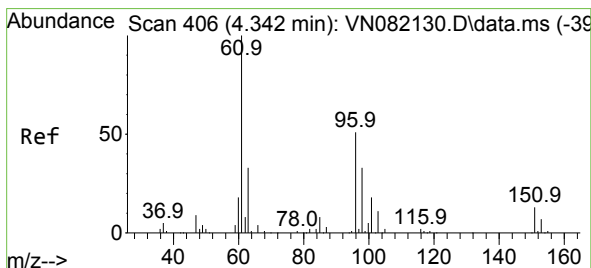
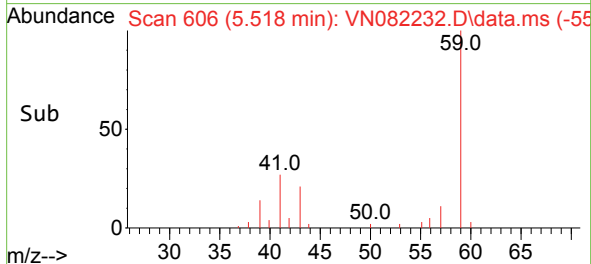
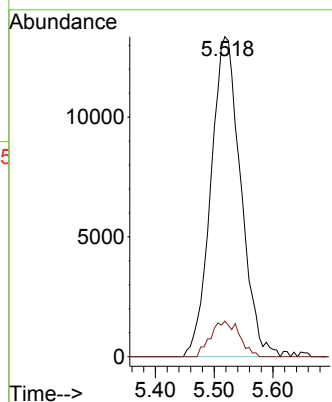
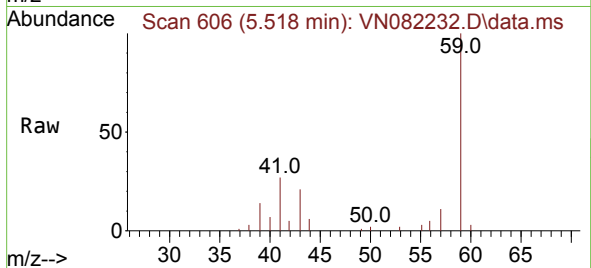




#11
Tert butyl alcohol
Concen: 95.247 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

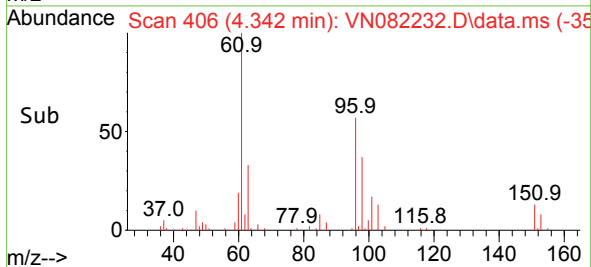
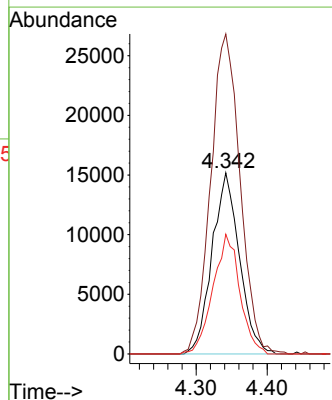
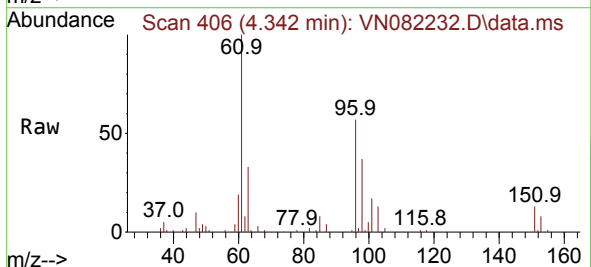
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

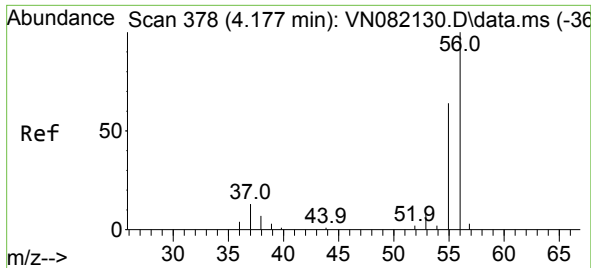
Tgt Ion: 59 Resp: 47053
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.044 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 96 Resp: 40537
Ion Ratio Lower Upper
96 100
61 176.6 119.7 179.5
98 66.1 49.6 74.4





#13

Acrolein

Concen: 93.023 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

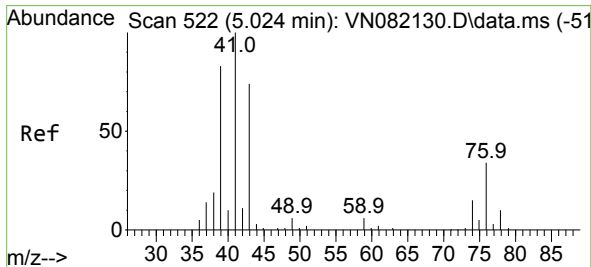
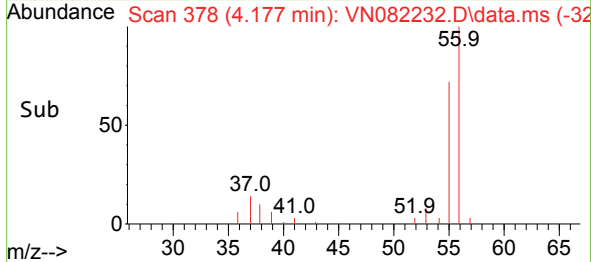
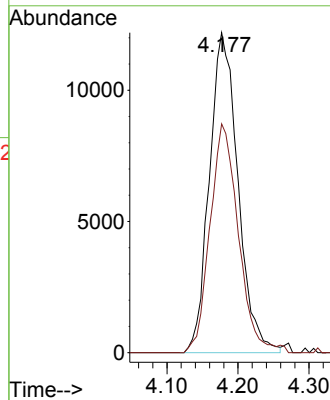
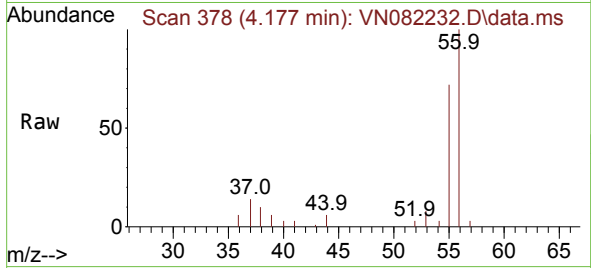
VN0521WBS01

Tgt Ion: 56 Resp: 34054

Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8



#14

Allyl chloride

Concen: 18.523 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

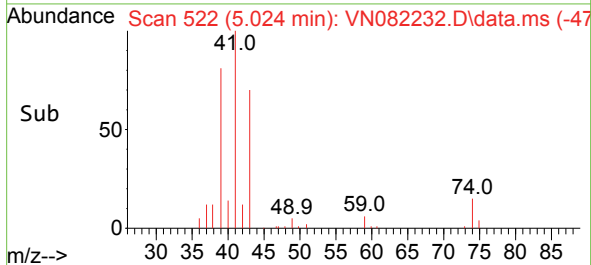
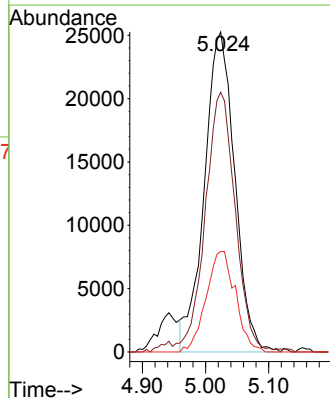
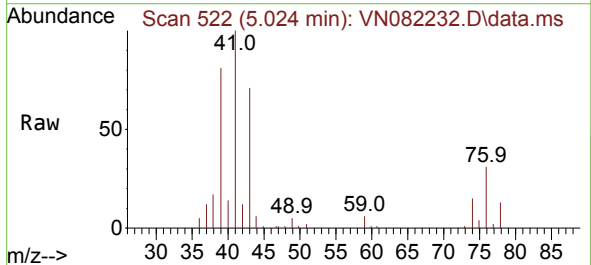
Tgt Ion: 41 Resp: 84413

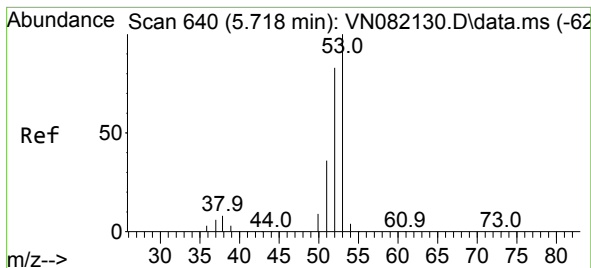
Ion Ratio Lower Upper

41 100

39 78.7 65.4 98.0

76 30.3 37.3 55.9#





#15

Acrylonitrile

Concen: 98.782 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

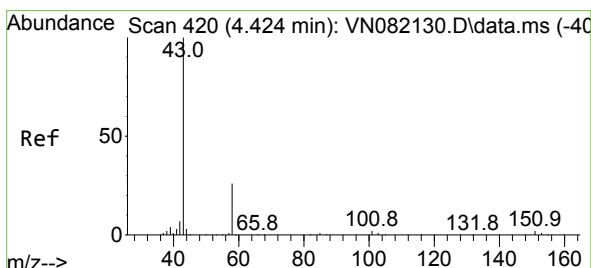
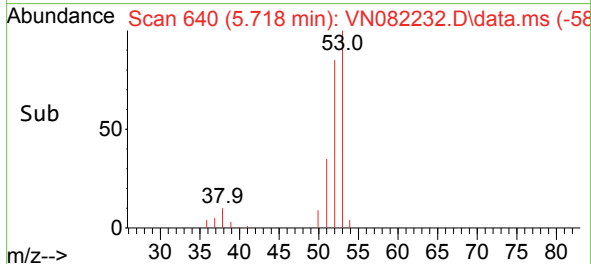
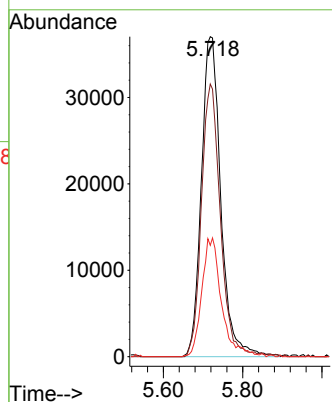
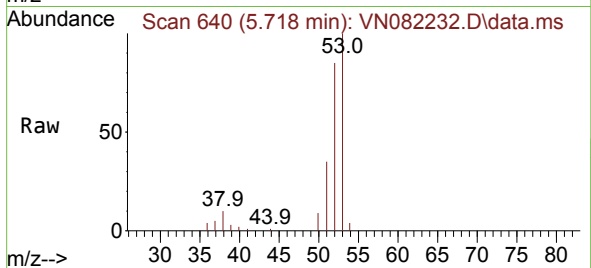
Tgt Ion: 53 Resp: 126385

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 37.4 29.4 44.2



#16

Acetone

Concen: 92.520 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN082232.D

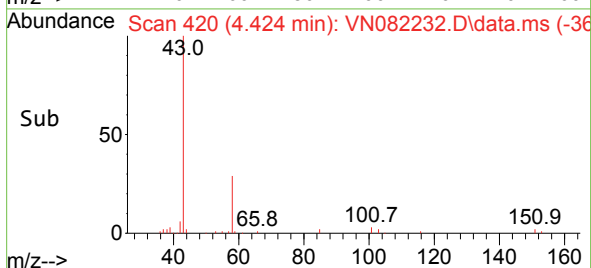
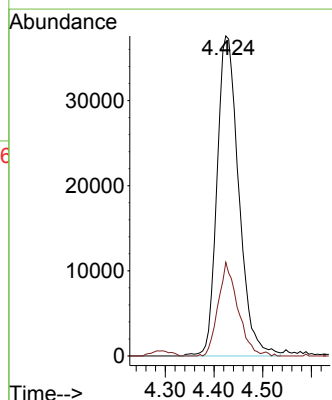
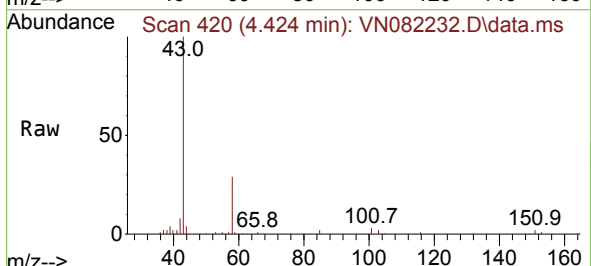
Acq: 21 May 2024 11:34

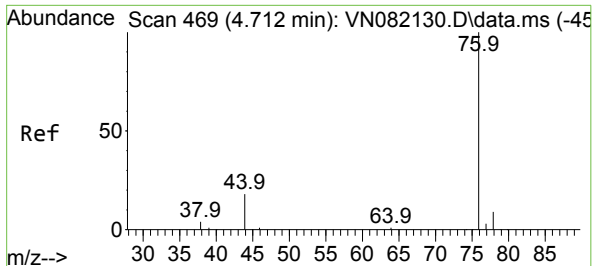
Tgt Ion: 43 Resp: 116802

Ion Ratio Lower Upper

43 100

58 29.3 25.2 37.8

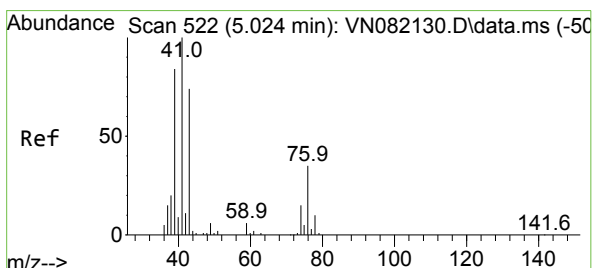
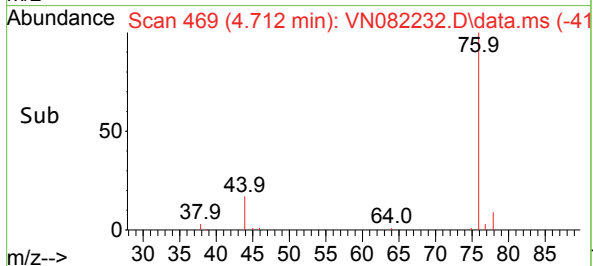
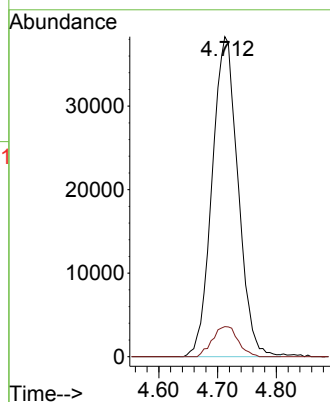
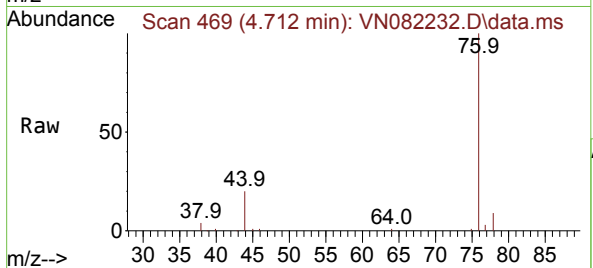




#17
Carbon Disulfide
Concen: 17.082 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

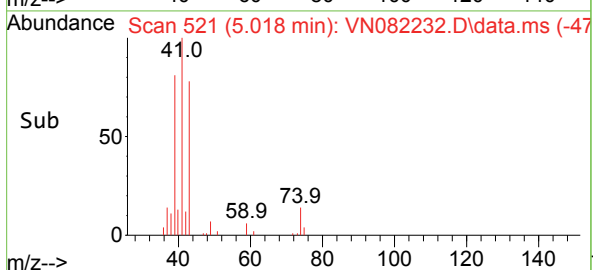
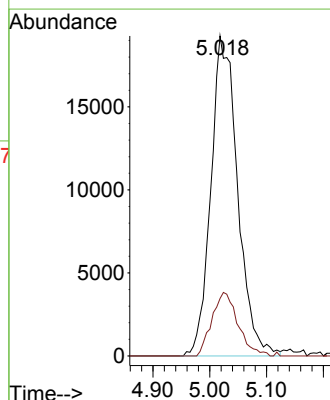
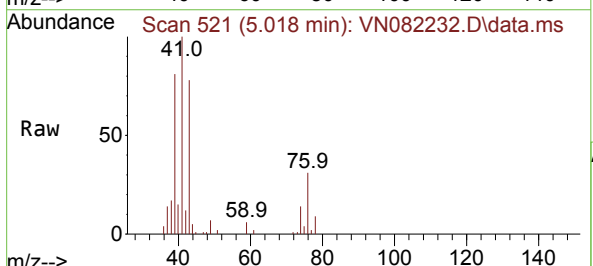
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

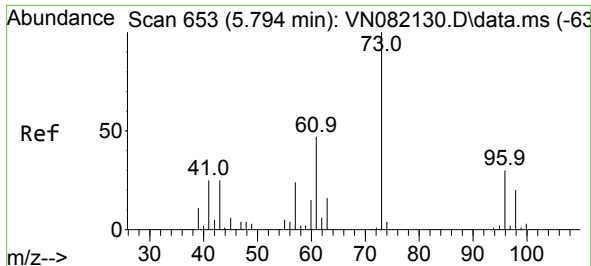
Tgt Ion: 76 Resp: 117432
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 20.057 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 43 Resp: 63058
Ion Ratio Lower Upper
43 100
74 19.3 22.2 33.2#

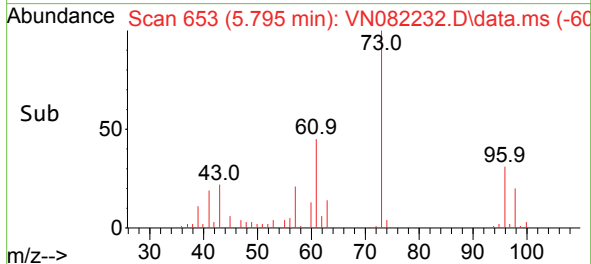
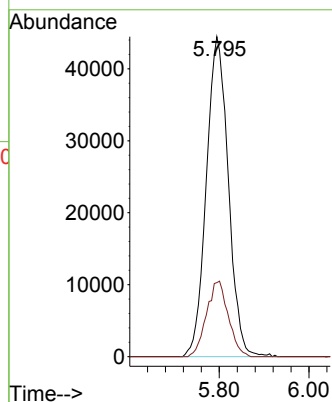
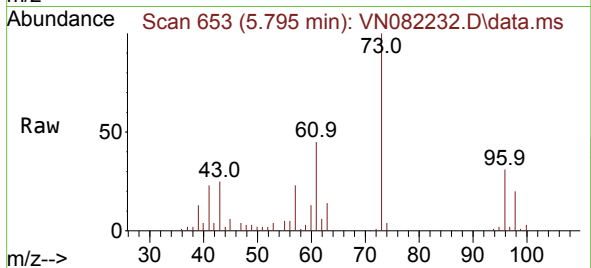




#19
Methyl tert-butyl Ether
Concen: 19.474 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

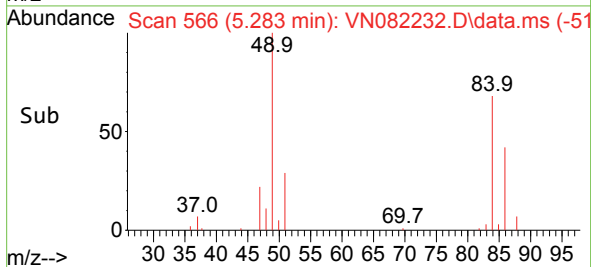
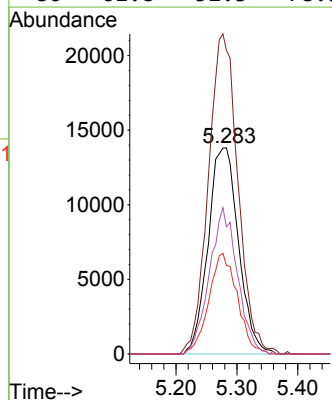
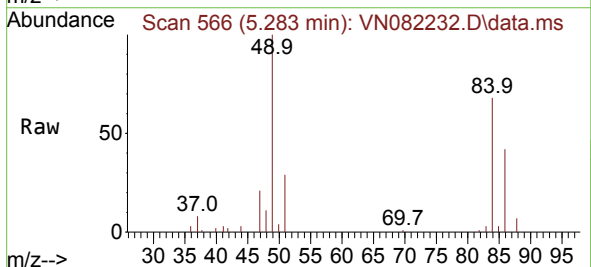
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

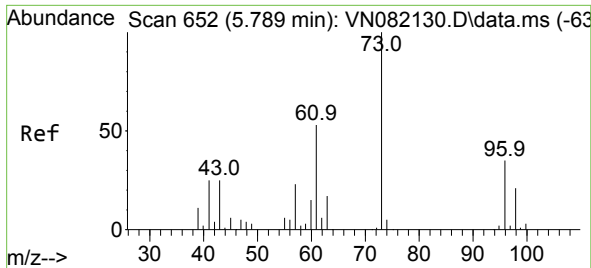
Tgt Ion: 73 Resp: 151512
Ion Ratio Lower Upper
73 100
57 23.1 16.5 24.7



#20
Methylene Chloride
Concen: 18.812 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 84 Resp: 47917
Ion Ratio Lower Upper
84 100
49 147.4 84.9 127.3#
51 42.9 27.0 40.6#
86 61.8 52.3 78.5

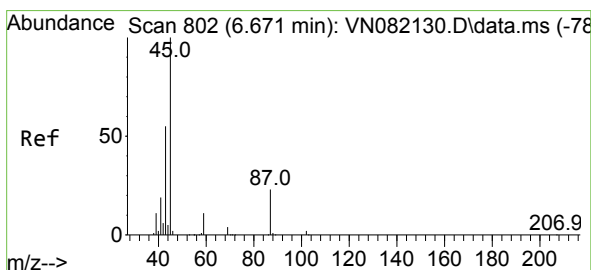
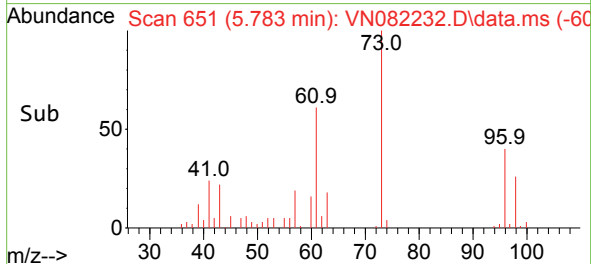
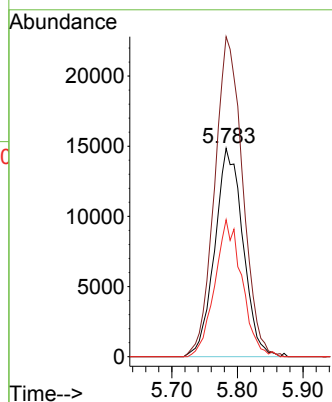
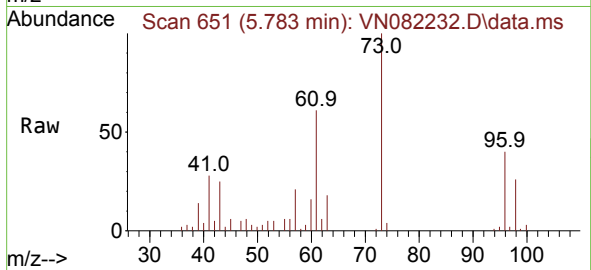




#21
trans-1,2-Dichloroethene
Concen: 19.116 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

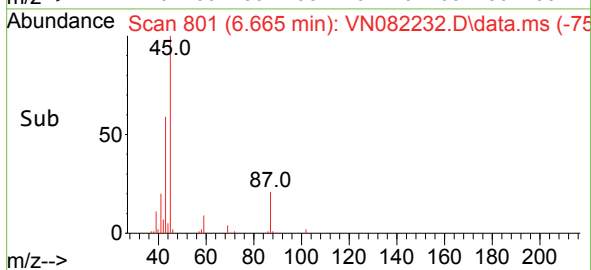
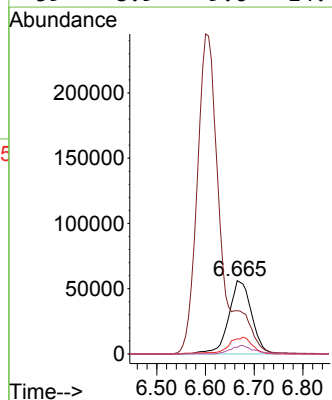
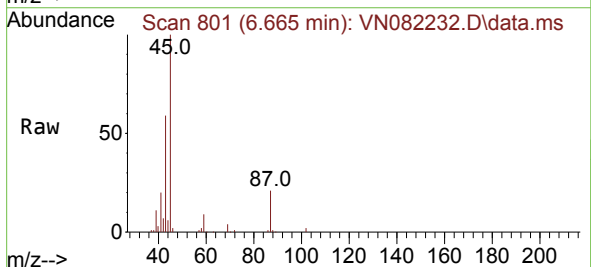
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 96 Resp: 44341
Ion Ratio Lower Upper
96 100
61 153.6 96.5 144.7#
98 65.7 51.3 76.9



#22
Diisopropyl ether
Concen: 19.220 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 45 Resp: 182899
Ion Ratio Lower Upper
45 100
43 57.4 44.1 66.1
87 20.6 27.0 40.6#
59 8.9 9.6 14.4#

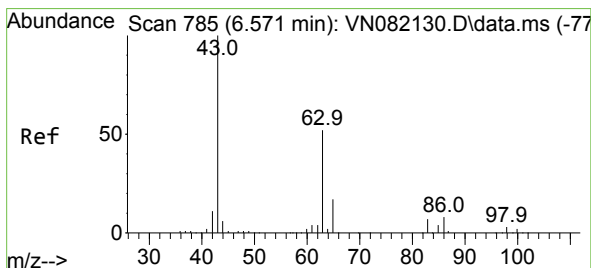
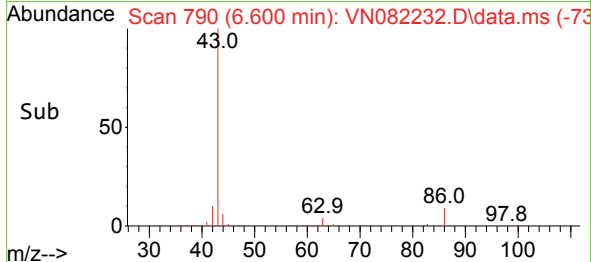
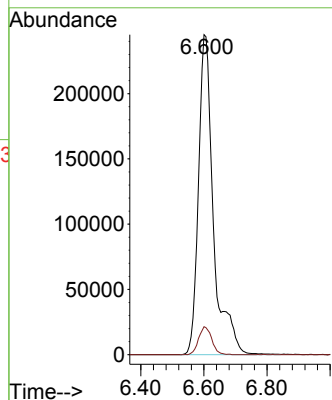
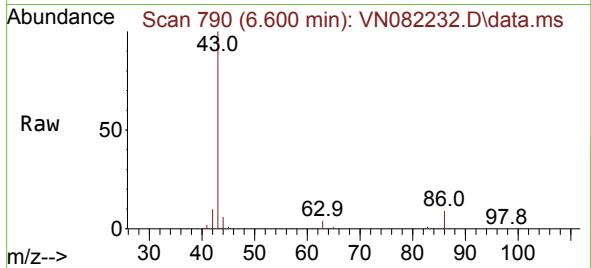




#23
 Vinyl Acetate
 Concen: 107.773 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

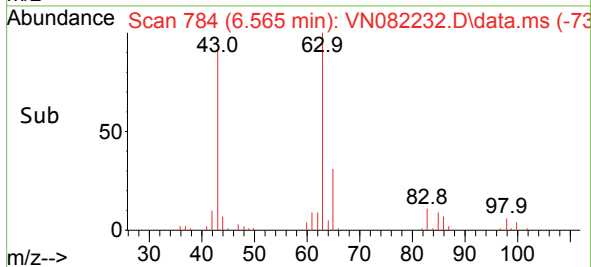
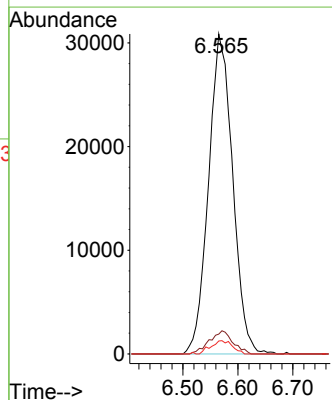
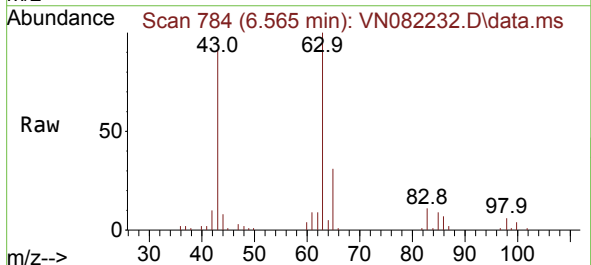
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

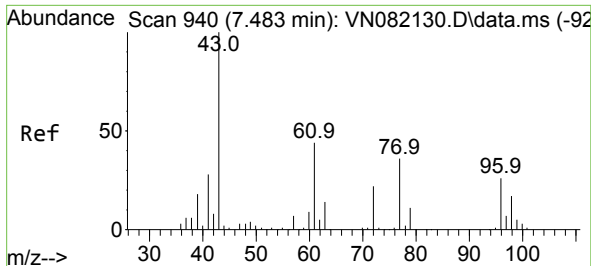
Tgt Ion: 43 Resp: 808586
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.187 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion: 63 Resp: 94110
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.0 2.6 7.8

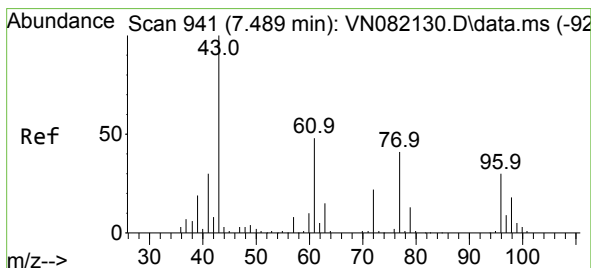
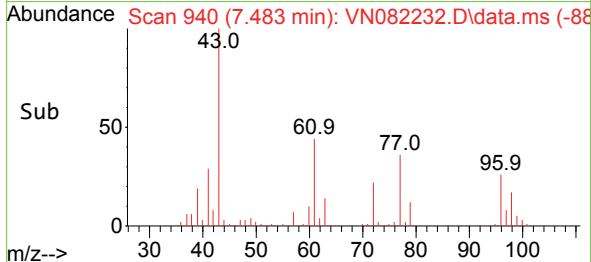
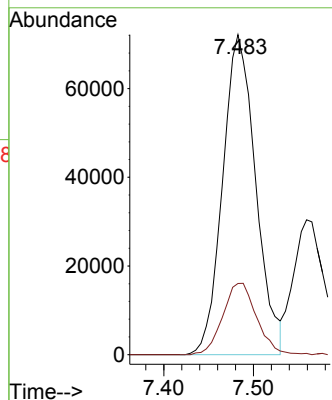
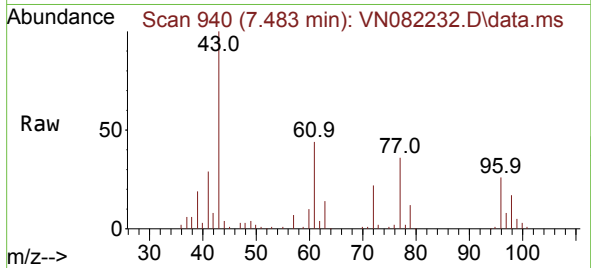




#25
2-Butanone
Concen: 96.480 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

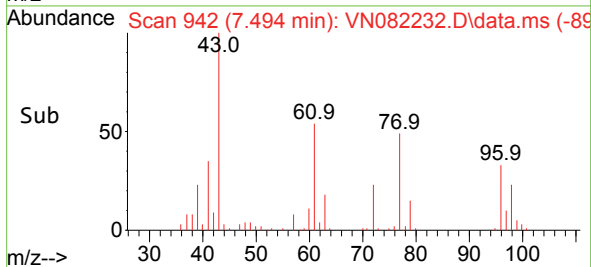
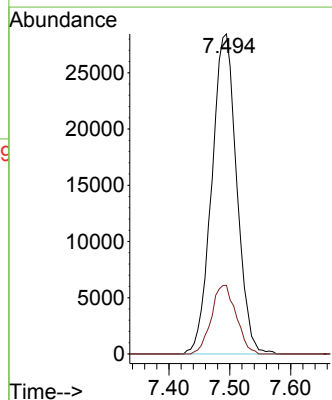
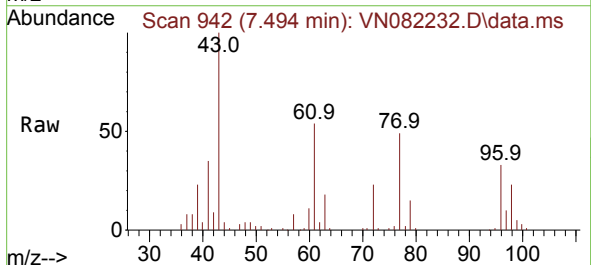
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 43 Resp: 184670
Ion Ratio Lower Upper
43 100
72 22.3 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 19.691 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 77 Resp: 80898
Ion Ratio Lower Upper
77 100
97 21.3 11.3 33.9

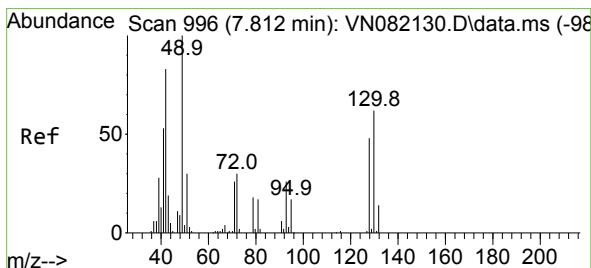
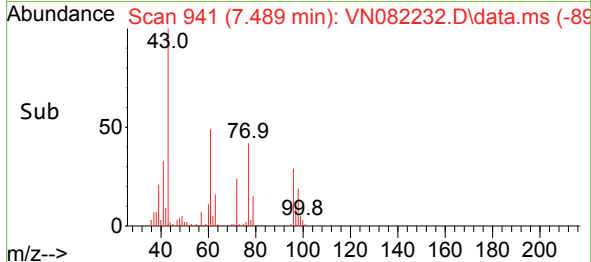
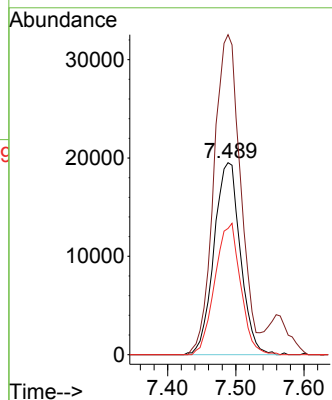
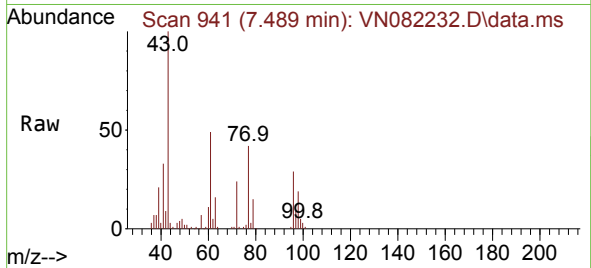




#27
 cis-1,2-Dichloroethene
 Concen: 19.212 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

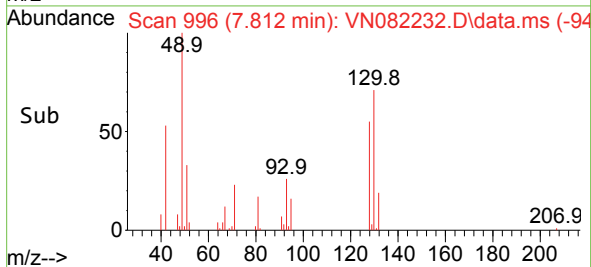
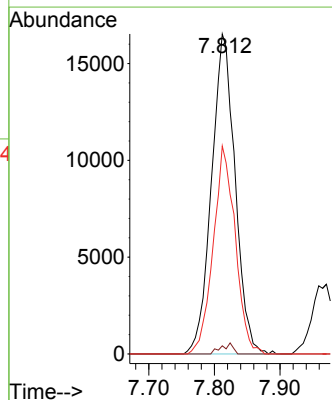
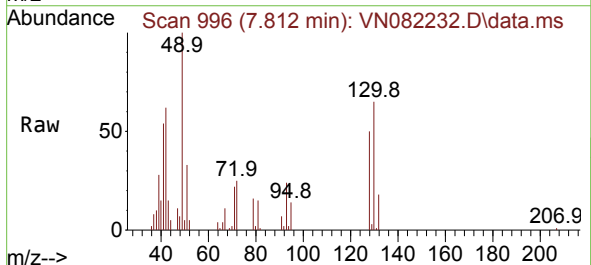
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

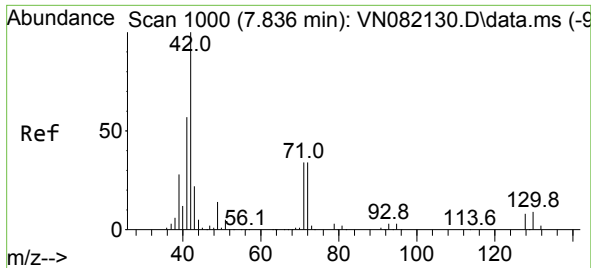
Tgt Ion: 96 Resp: 52592
 Ion Ratio Lower Upper
 96 100
 61 168.4 0.0 268.0
 98 66.8 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.750 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion: 49 Resp: 41251
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 60.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 99.504 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

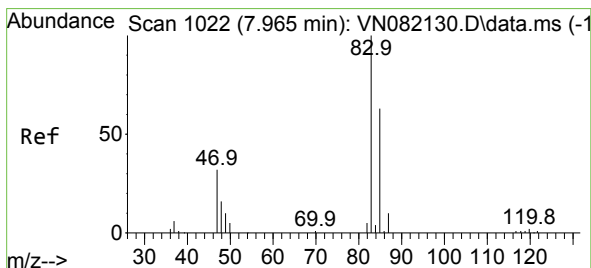
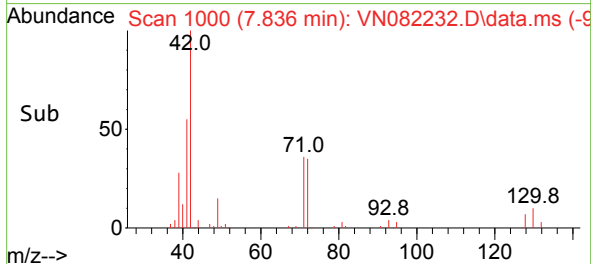
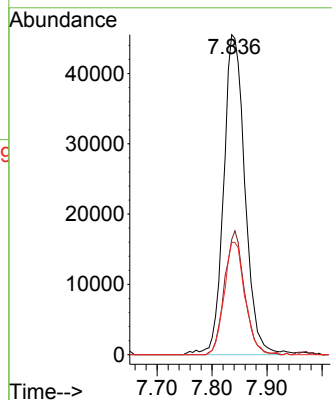
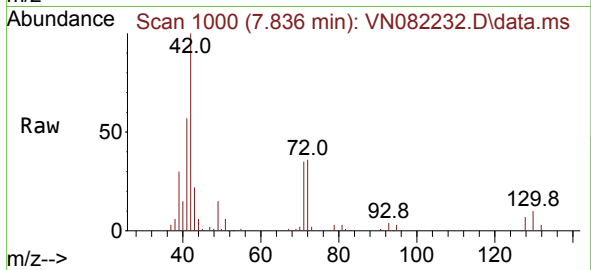
Tgt Ion: 42 Resp: 122285

Ion Ratio Lower Upper

42 100

72 36.2 39.3 58.9#

71 34.3 37.4 56.0#



#30

Chloroform

Concen: 19.382 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082232.D

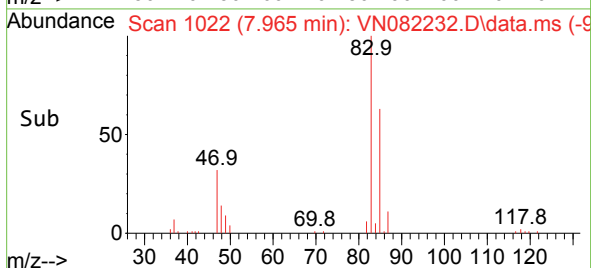
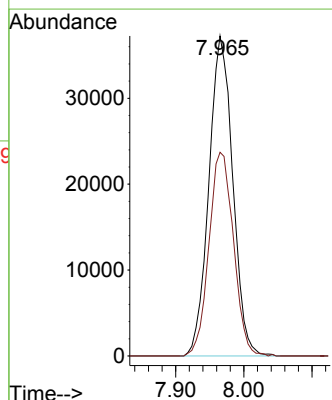
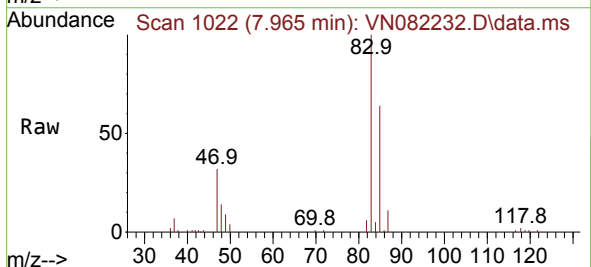
Acq: 21 May 2024 11:34

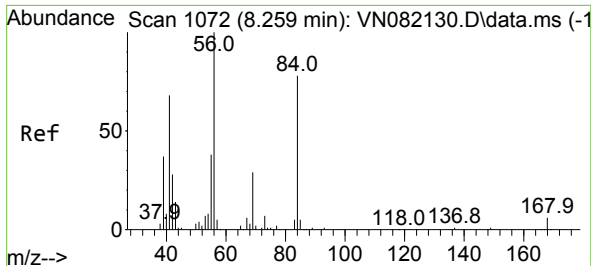
Tgt Ion: 83 Resp: 90785

Ion Ratio Lower Upper

83 100

85 63.6 50.7 76.1

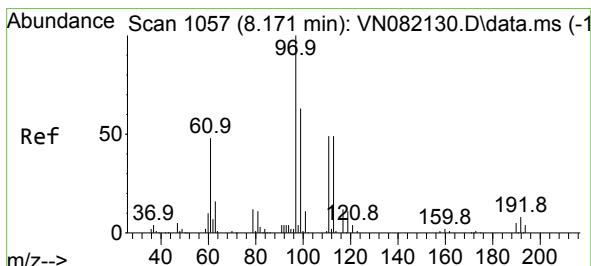
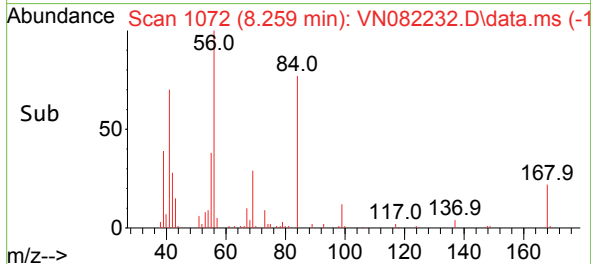
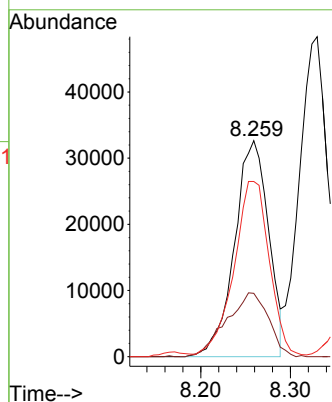
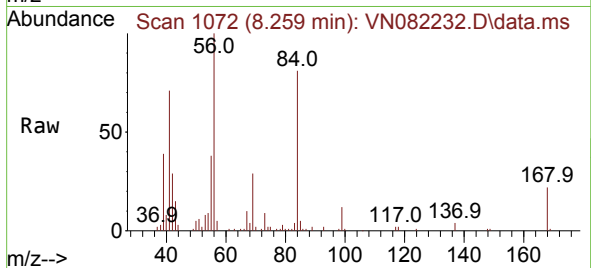




#31
Cyclohexane
Concen: 17.501 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

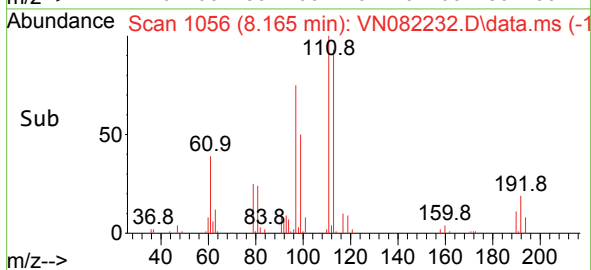
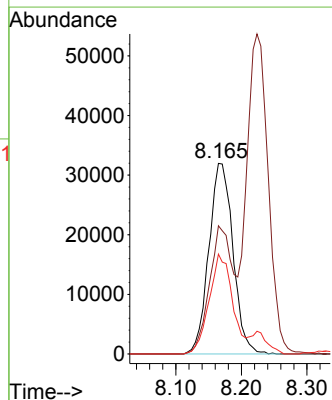
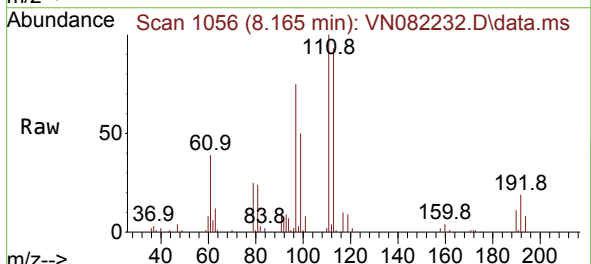
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 56 Resp: 86021
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 79.5 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 19.613 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 97 Resp: 81500
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 50.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.115 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

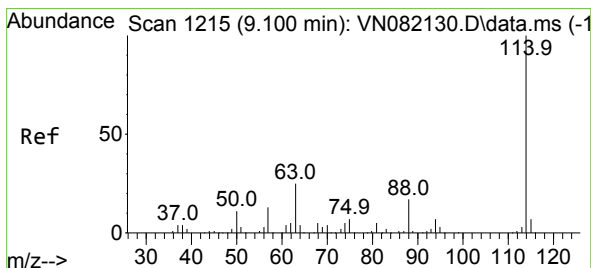
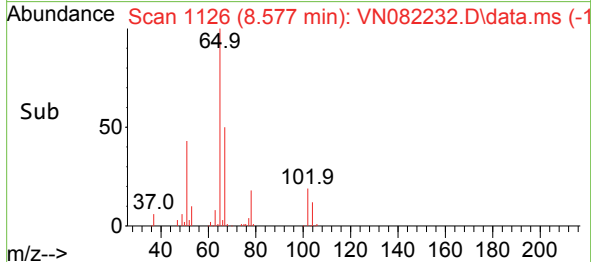
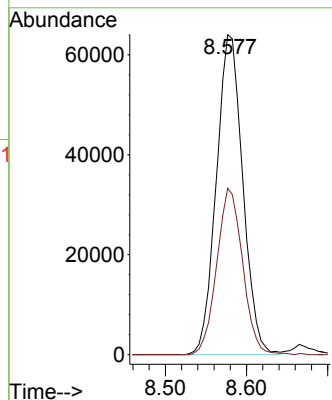
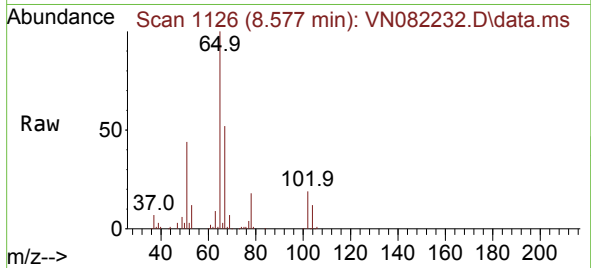
VN0521WBS01

Tgt Ion: 65 Resp: 144996

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

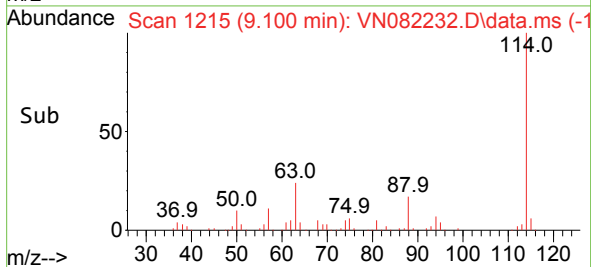
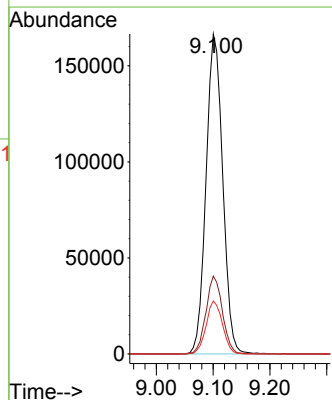
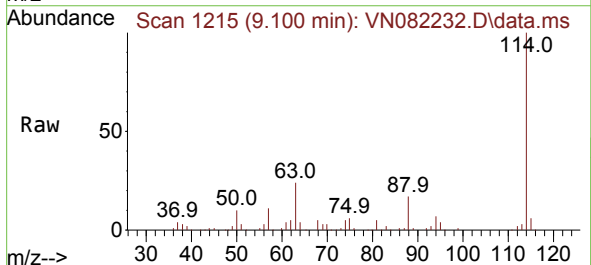
Tgt Ion: 114 Resp: 338448

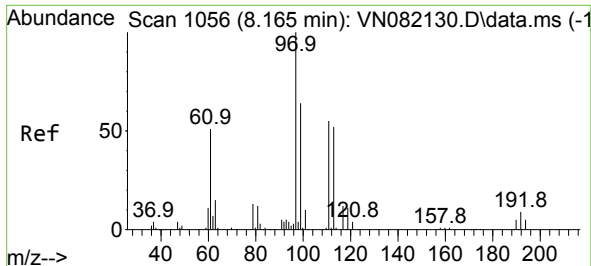
Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

88 16.5 0.0 31.4

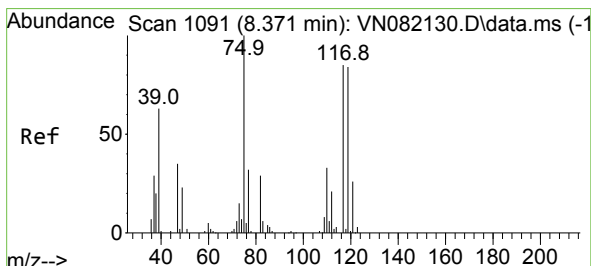
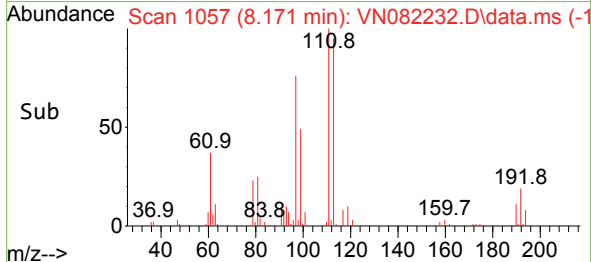
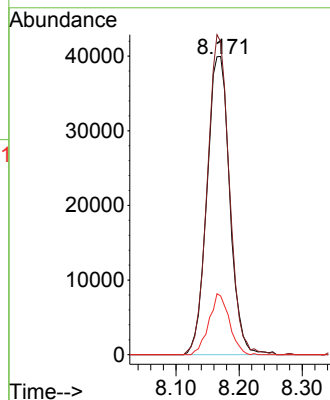
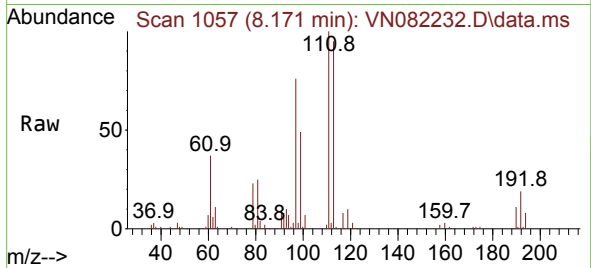




#35
Dibromofluoromethane
Concen: 48.075 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

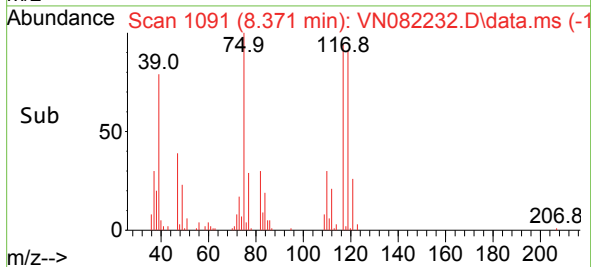
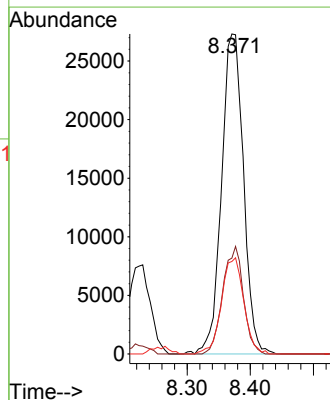
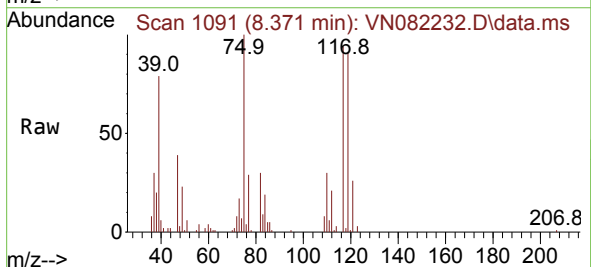
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:113 Resp: 100092
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.3 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.873 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 75 Resp: 65901
Ion Ratio Lower Upper
75 100
110 31.5 17.8 53.5
77 30.5 25.0 37.4

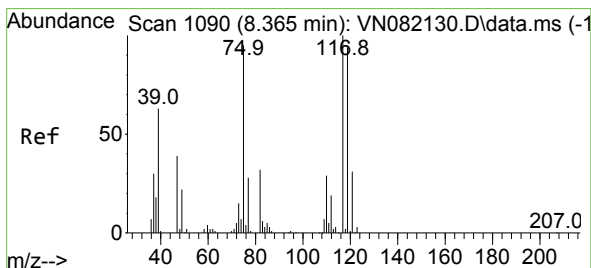
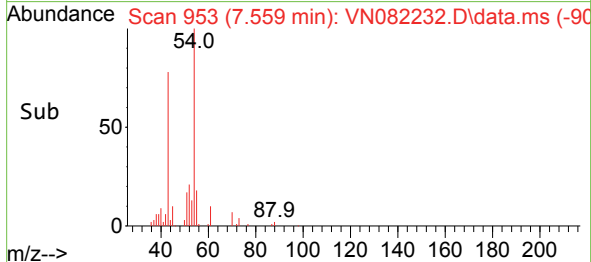
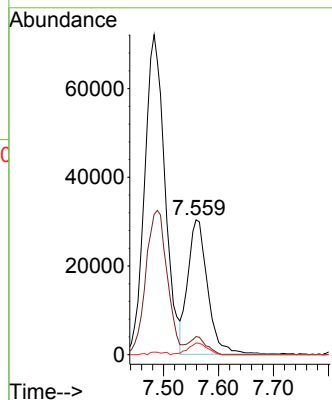
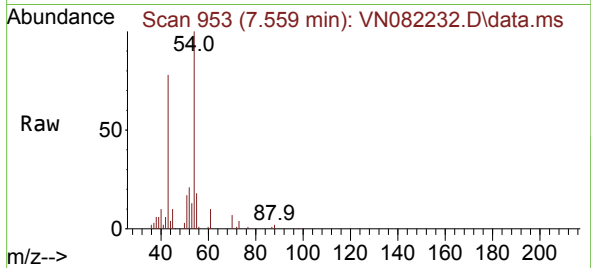




#37
Ethyl Acetate
Concen: 19.303 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

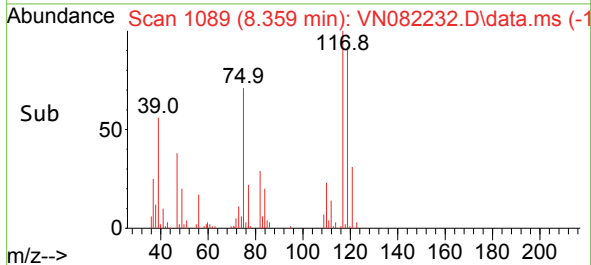
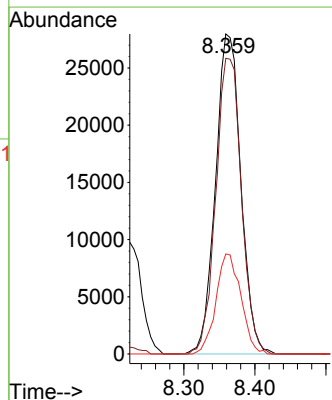
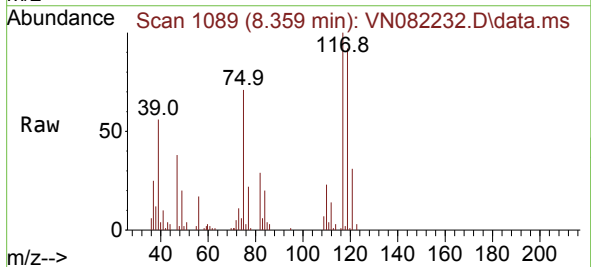
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

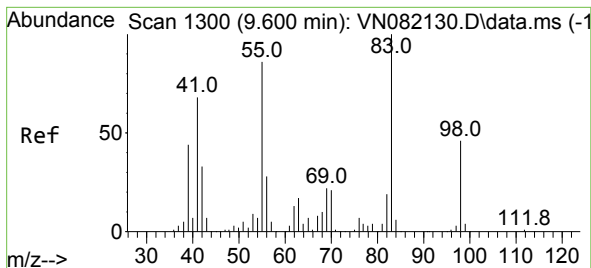
Tgt Ion: 43 Resp: 75430
Ion Ratio Lower Upper
43 100
61 12.0 11.3 16.9
70 8.4 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 19.584 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 117 Resp: 69321
Ion Ratio Lower Upper
117 100
119 92.4 76.5 114.7
121 31.3 23.9 35.9





#39

Methylcyclohexane

Concen: 18.864 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

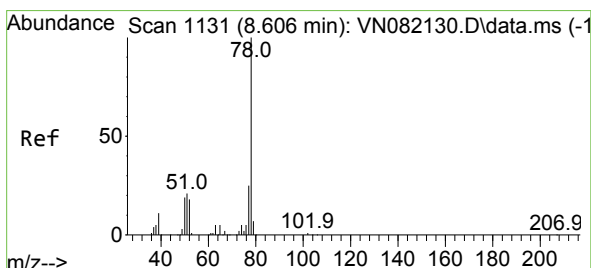
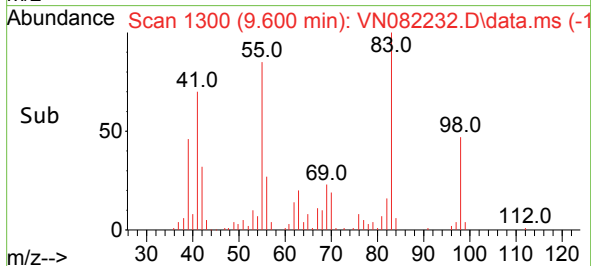
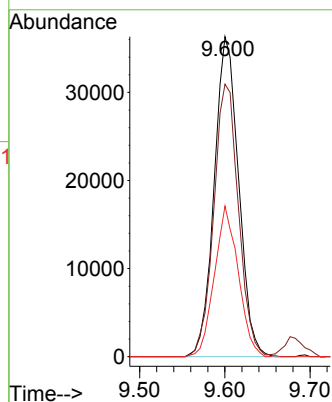
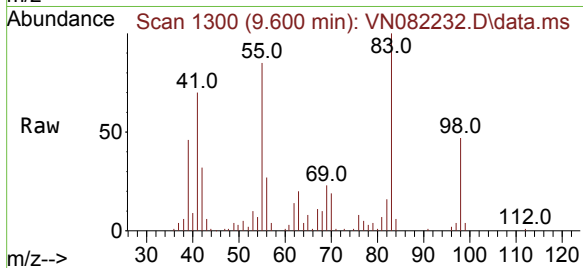
Tgt Ion: 83 Resp: 72201

Ion Ratio Lower Upper

83 100

55 85.2 53.0 79.6#

98 47.0 37.1 55.7



#40

Benzene

Concen: 19.233 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082232.D

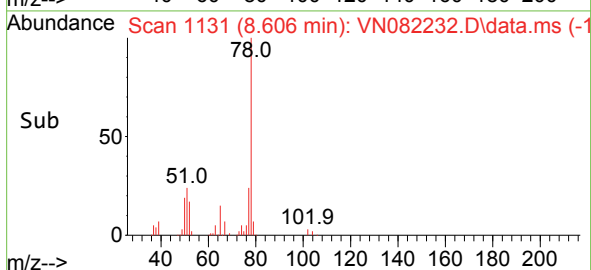
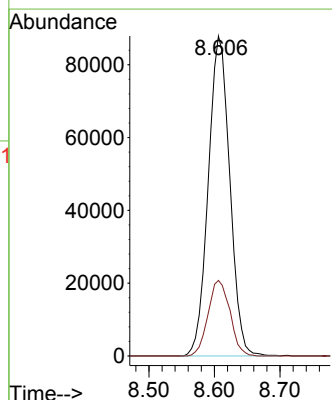
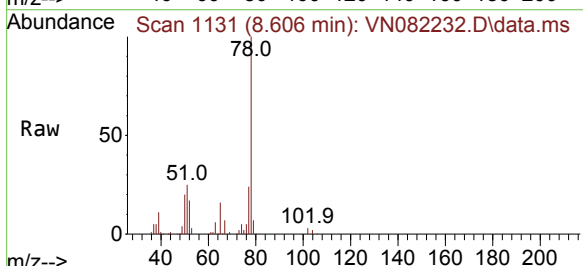
Acq: 21 May 2024 11:34

Tgt Ion: 78 Resp: 200270

Ion Ratio Lower Upper

78 100

77 23.6 20.0 30.0

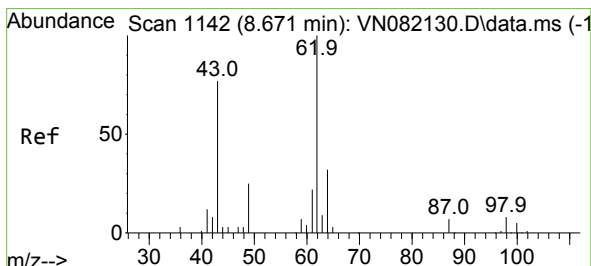
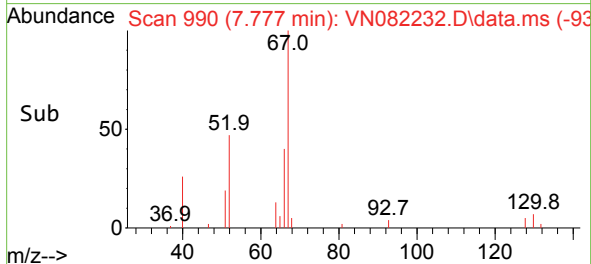
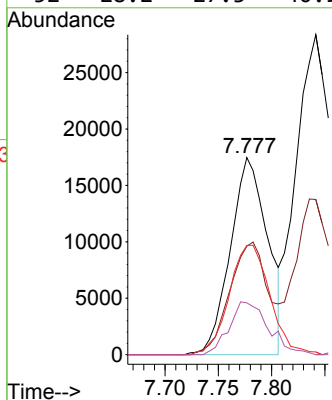
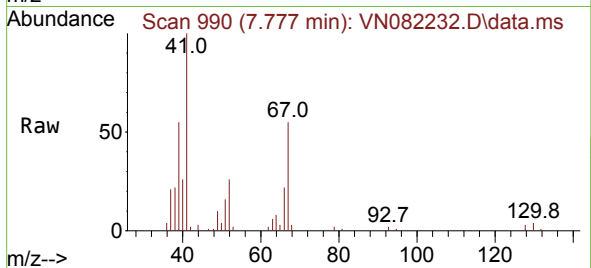




#41
Methacrylonitrile
Concen: 18.494 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

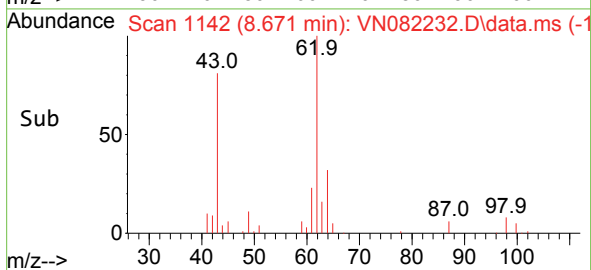
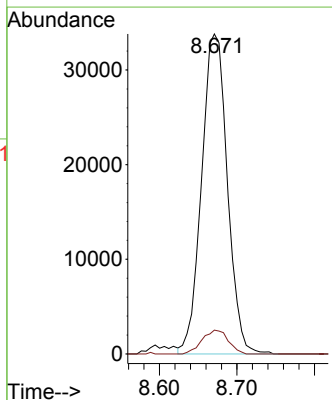
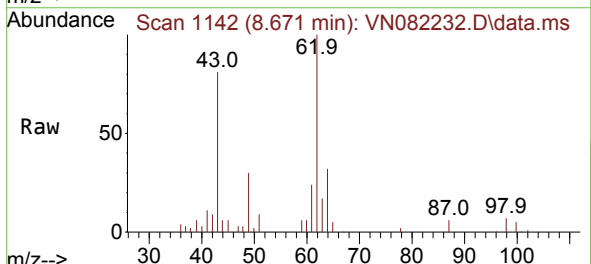
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

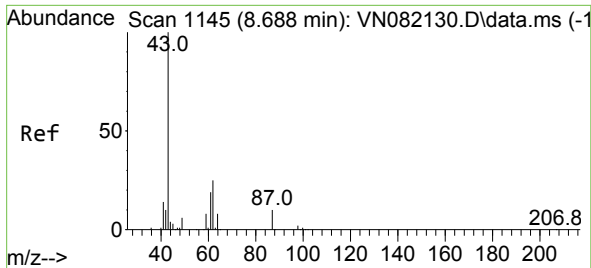
Tgt Ion:	41	Resp:	42502
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.6	69.8
67	60.8	67.3	100.9
52	28.2	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.520 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:	62	Resp:	78170
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	19.6

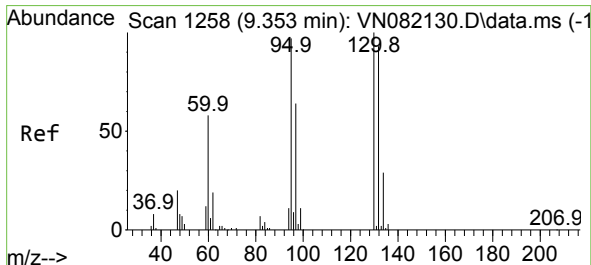
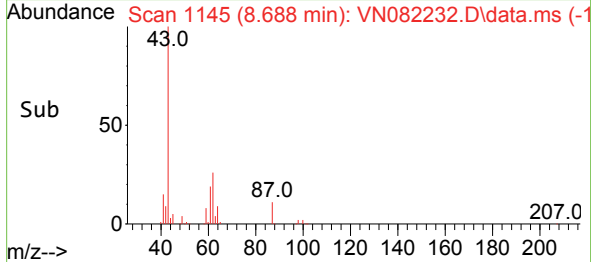
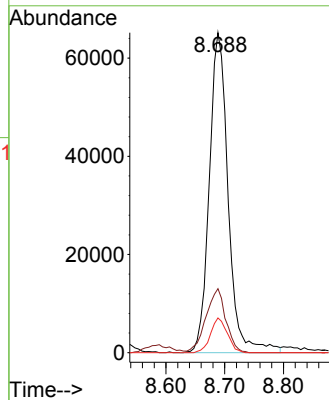
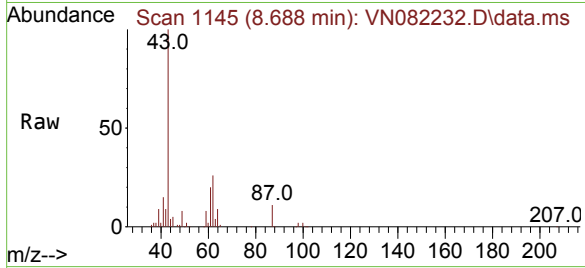




#43
Isopropyl Acetate
Concen: 20.999 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

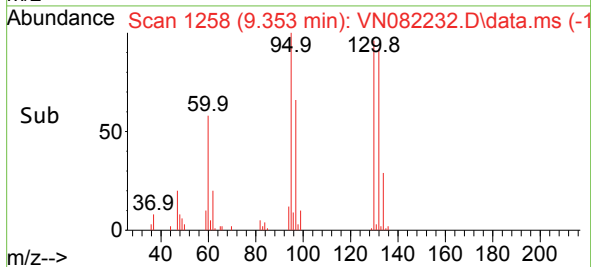
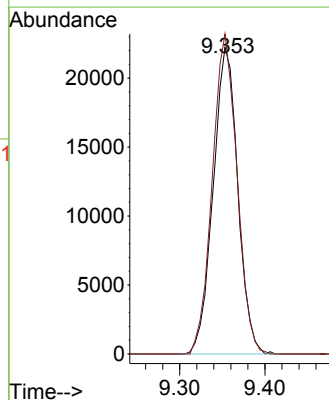
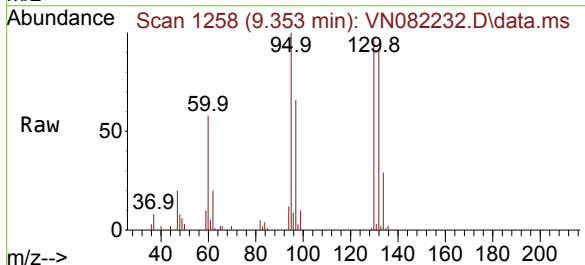
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 43 Resp: 145400
Ion Ratio Lower Upper
43 100
61 21.1 22.8 34.2#
87 9.6 12.0 18.0#



#44
Trichloroethene
Concen: 18.850 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:130 Resp: 44585
Ion Ratio Lower Upper
130 100
95 104.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.556 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

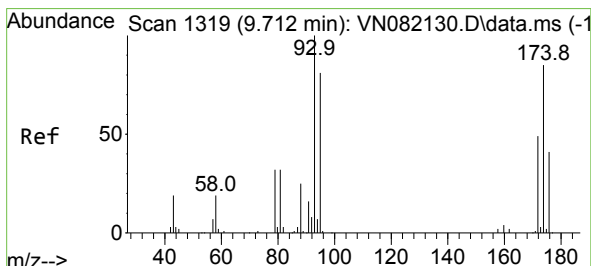
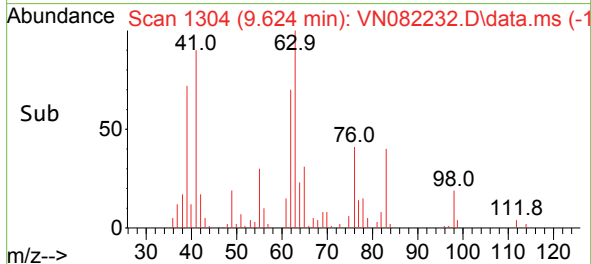
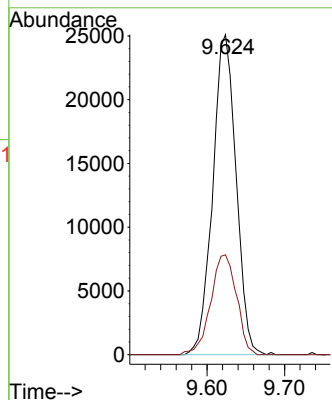
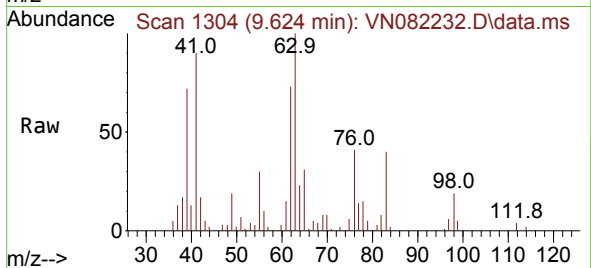
VN0521WBS01

Tgt Ion: 63 Resp: 52540

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



#46

Dibromomethane

Concen: 19.625 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

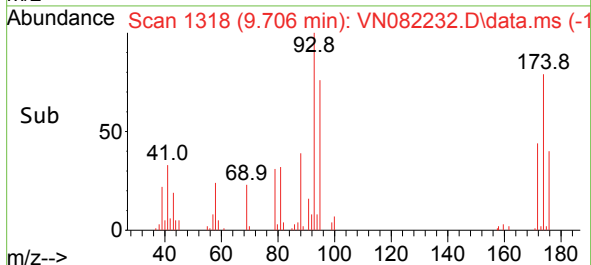
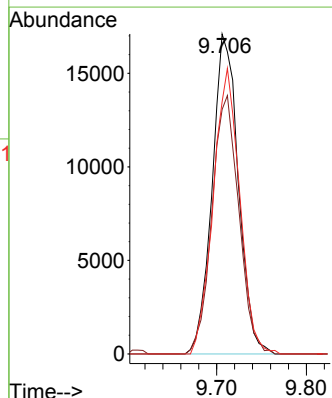
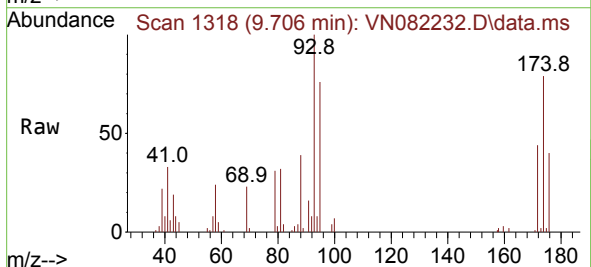
Tgt Ion: 93 Resp: 34615

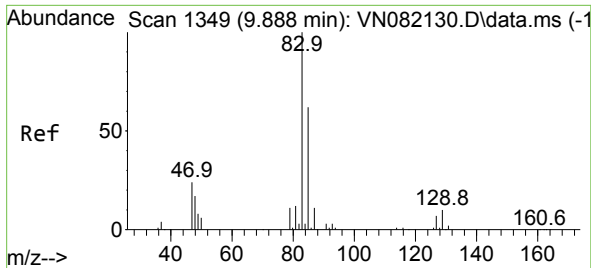
Ion Ratio Lower Upper

93 100

95 83.0 64.8 97.2

174 90.3 73.4 110.0

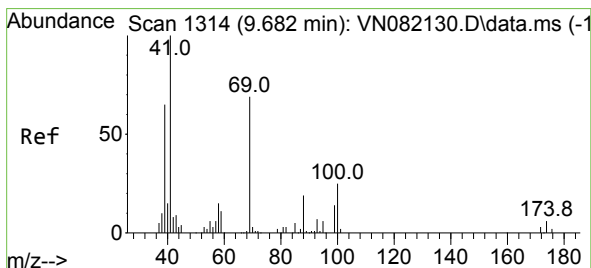
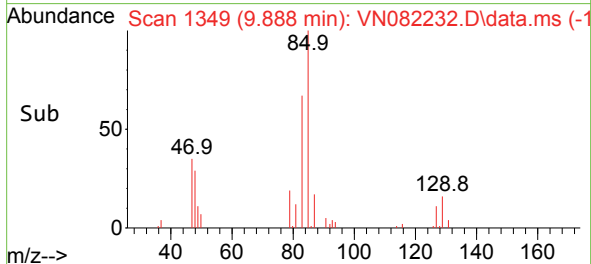
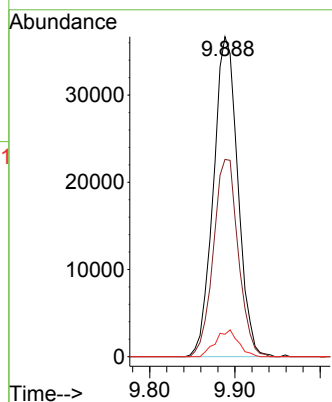
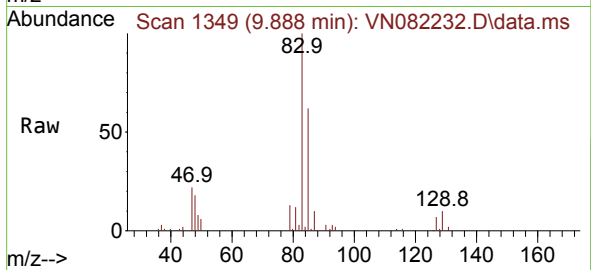




#47
Bromodichloromethane
Concen: 19.602 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

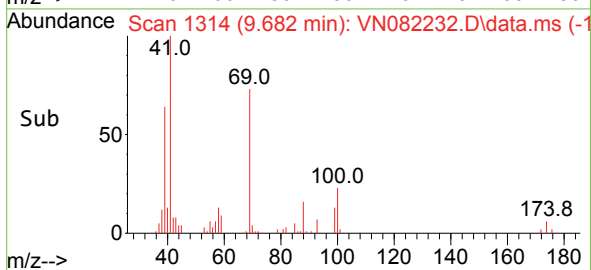
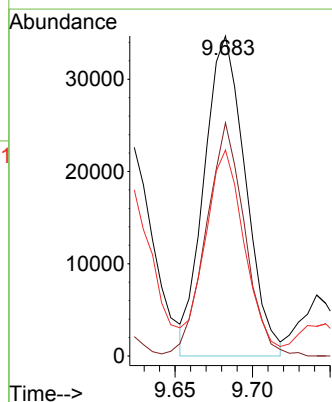
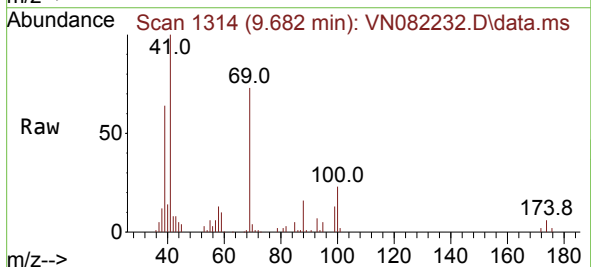
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

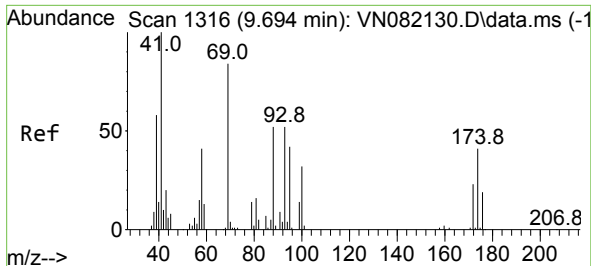
Tgt Ion: 83 Resp: 72988
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 7.0 7.5 11.3#



#48
Methyl methacrylate
Concen: 19.430 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 41 Resp: 64108
Ion Ratio Lower Upper
41 100
69 68.4 77.9 116.9#
39 62.3 50.9 76.3





#49

1,4-Dioxane

Concen: 390.730 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082232.D

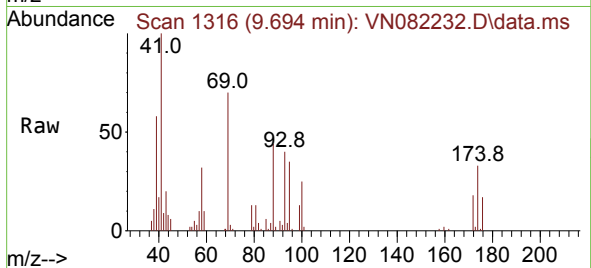
Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01



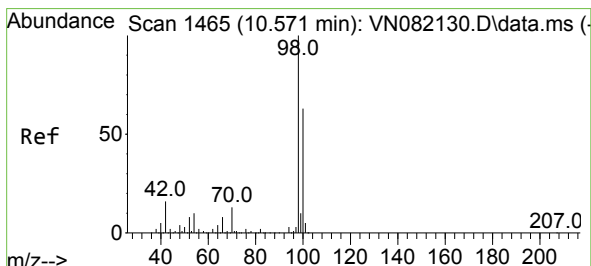
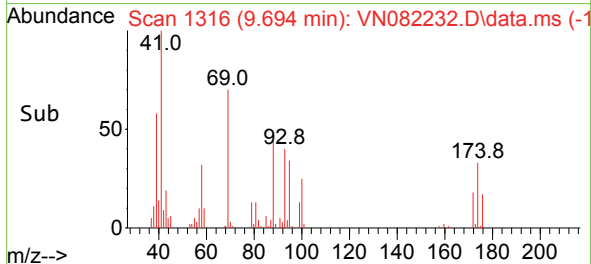
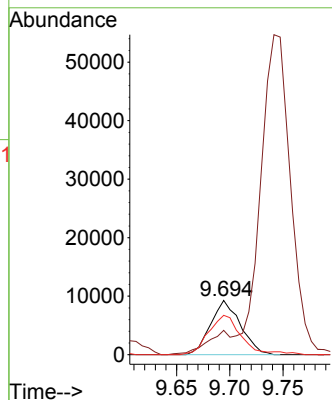
Tgt Ion: 88 Resp: 18065

Ion Ratio Lower Upper

88 100

43 34.5 19.0 28.6#

58 79.8 50.6 76.0#



#50

Toluene-d8

Concen: 47.505 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082232.D

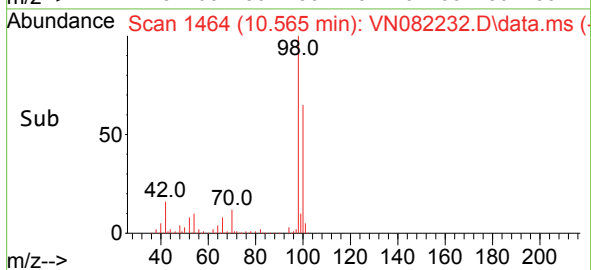
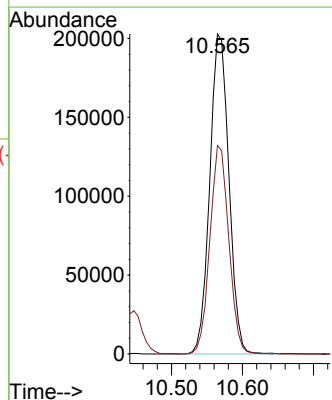
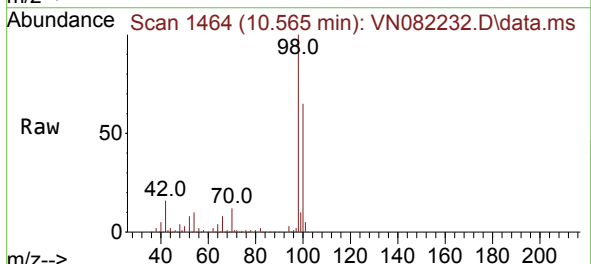
Acq: 21 May 2024 11:34

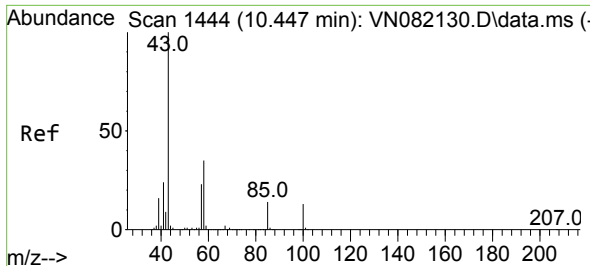
Tgt Ion: 98 Resp: 379194

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6

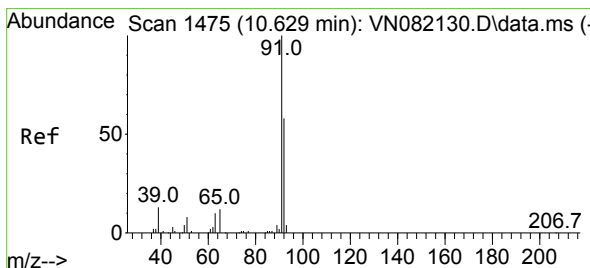
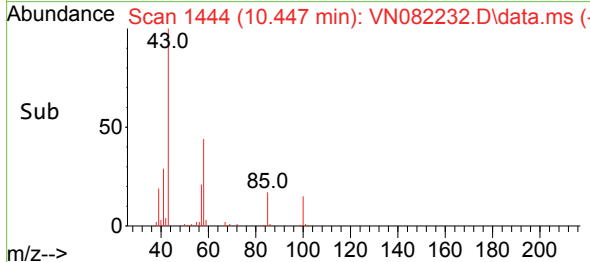
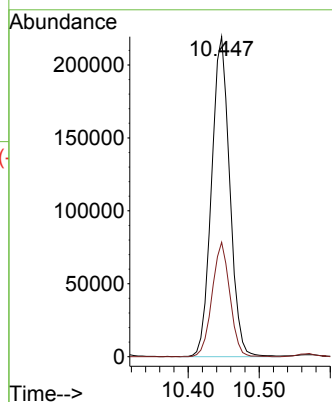
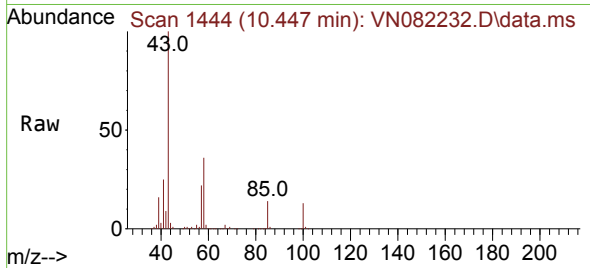




#51
4-Methyl-2-Pentanone
Concen: 99.089 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

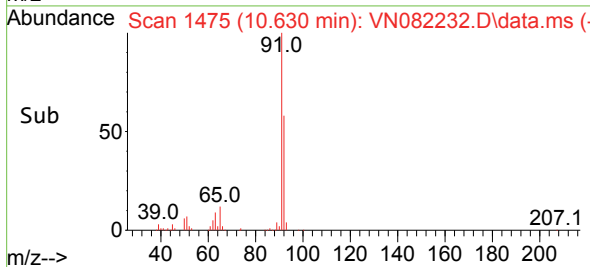
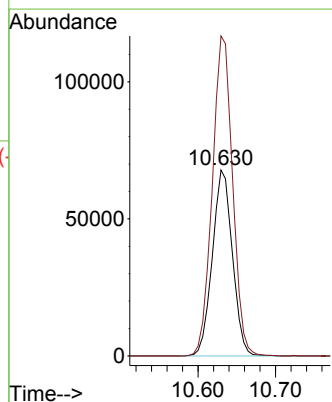
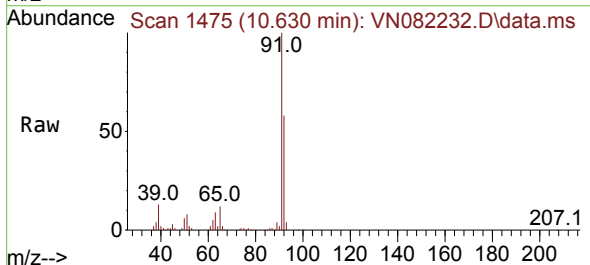
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

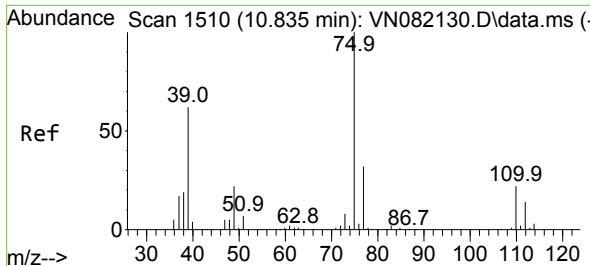
Tgt Ion: 43 Resp: 389832
Ion Ratio Lower Upper
43 100
58 34.8 33.2 49.8



#52
Toluene
Concen: 19.497 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 92 Resp: 121828
Ion Ratio Lower Upper
92 100
91 174.2 136.7 205.1

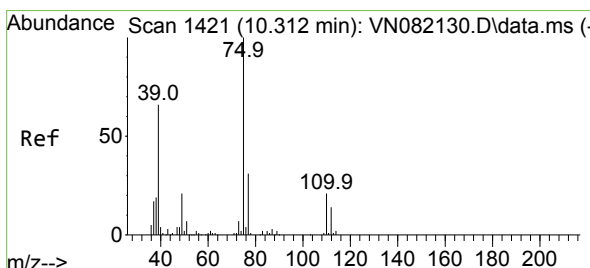
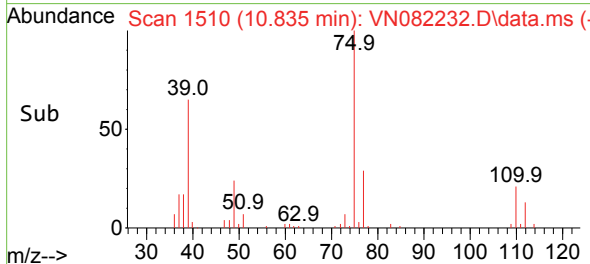
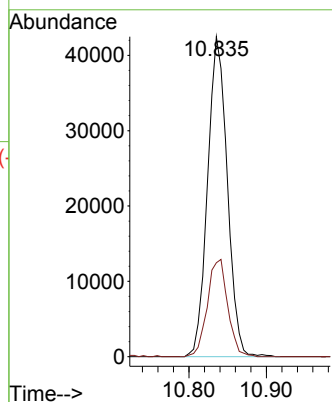
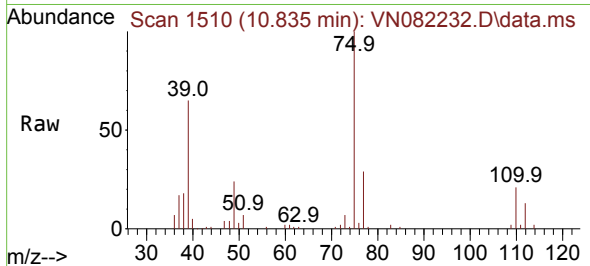




#53
 t-1,3-Dichloropropene
 Concen: 19.476 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

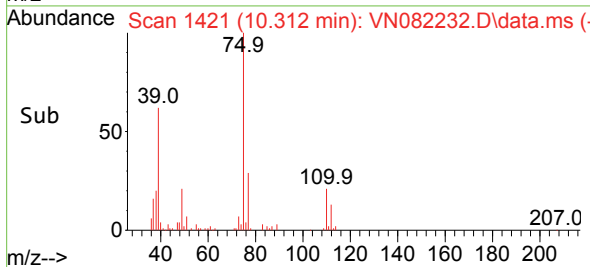
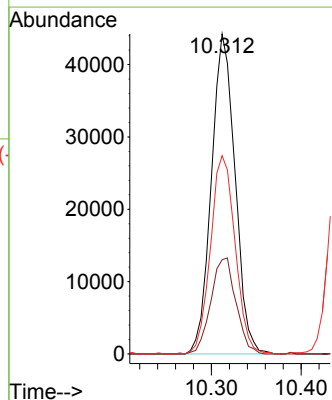
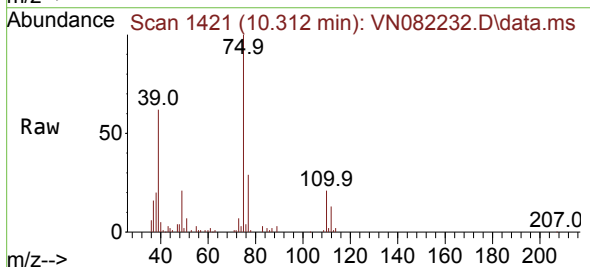
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

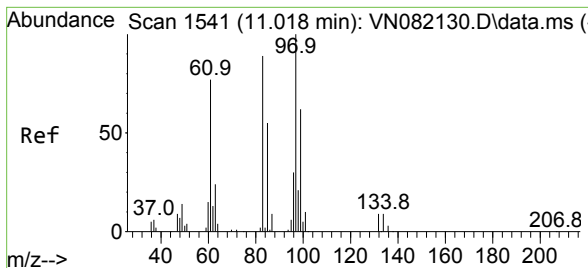
Tgt Ion: 75 Resp: 75004
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.884 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion: 75 Resp: 81056
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.4
 39 61.9 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 19.757 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

Tgt Ion: 97 Resp: 44863

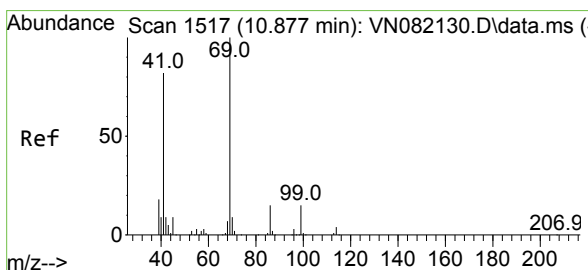
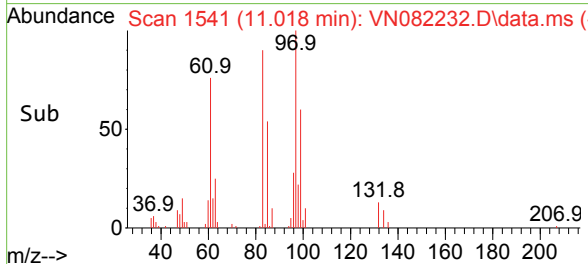
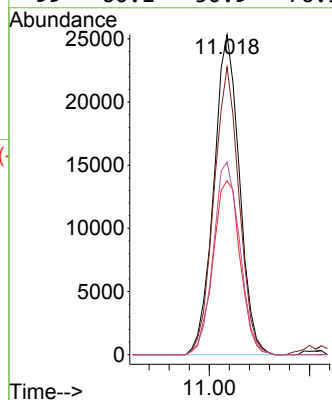
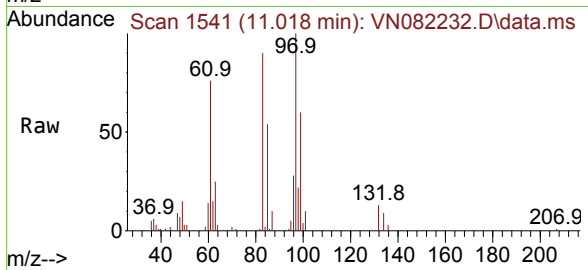
Ion Ratio Lower Upper

97 100

83 89.9 70.4 105.6

85 54.4 45.6 68.4

99 60.1 50.9 76.3



#56

Ethyl methacrylate

Concen: 19.676 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

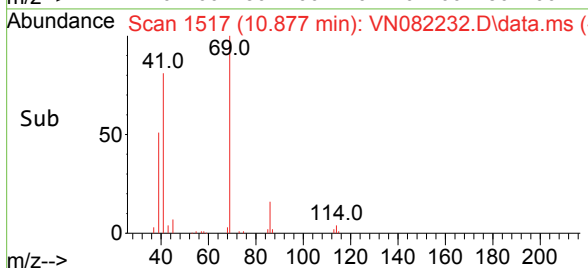
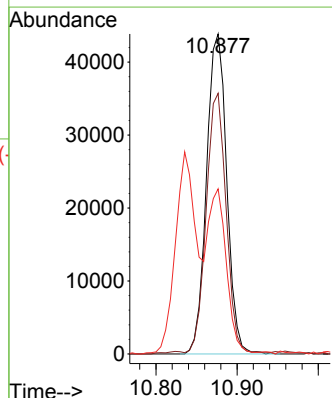
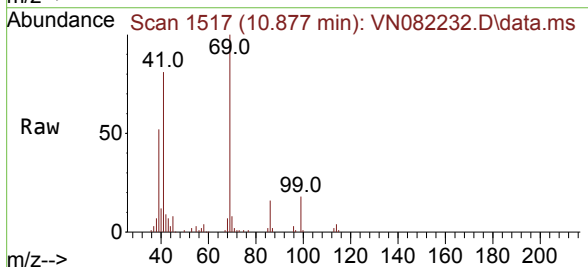
Tgt Ion: 69 Resp: 75857

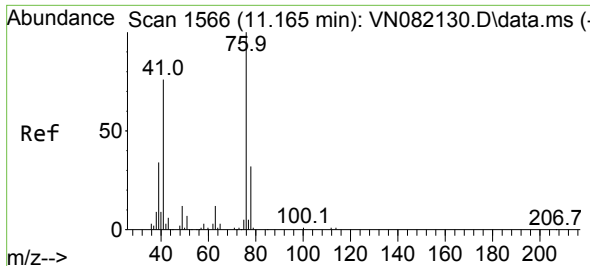
Ion Ratio Lower Upper

69 100

41 79.3 46.6 70.0#

39 45.0 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 19.422 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

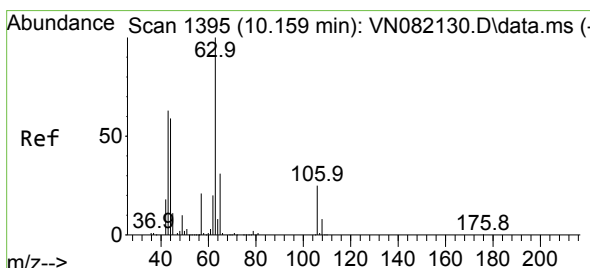
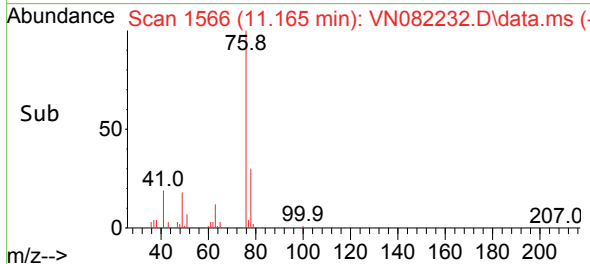
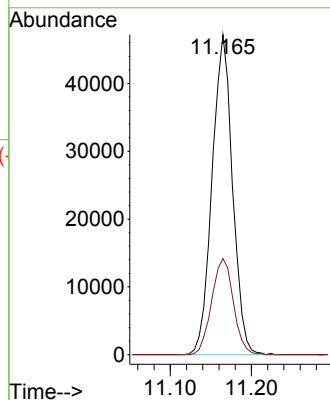
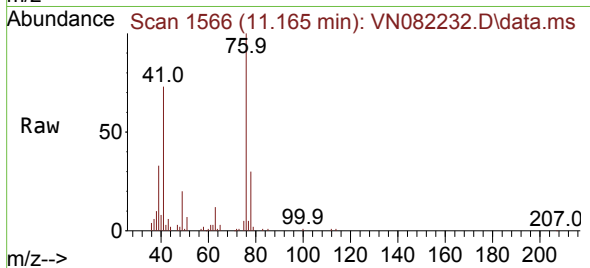
VN0521WBS01

Tgt Ion: 76 Resp: 82463

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.398 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082232.D

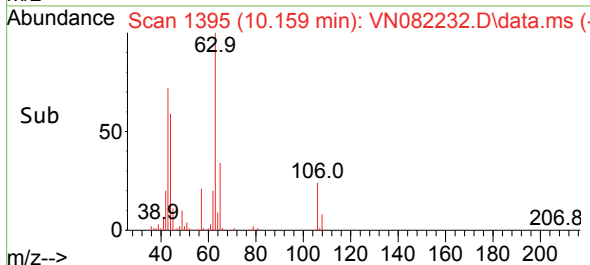
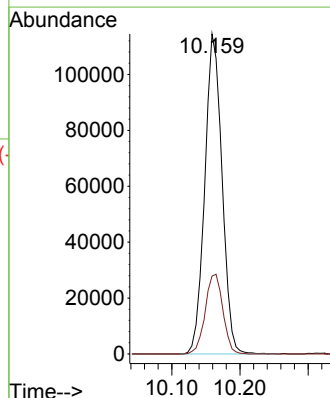
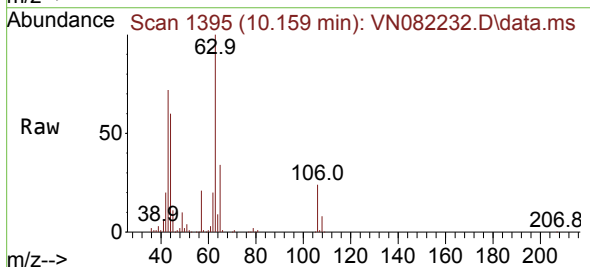
Acq: 21 May 2024 11:34

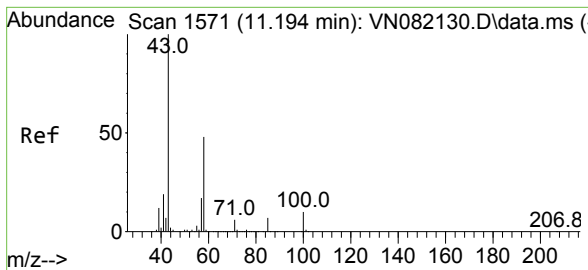
Tgt Ion: 63 Resp: 201640

Ion Ratio Lower Upper

63 100

106 25.5 24.6 36.8

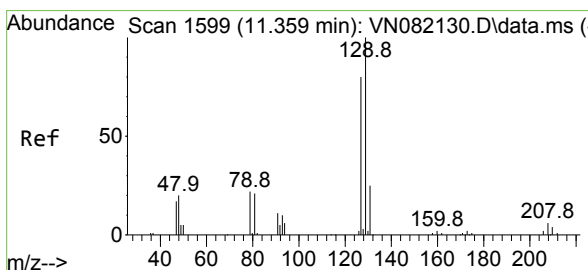
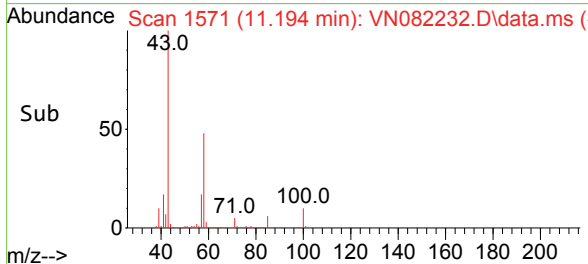
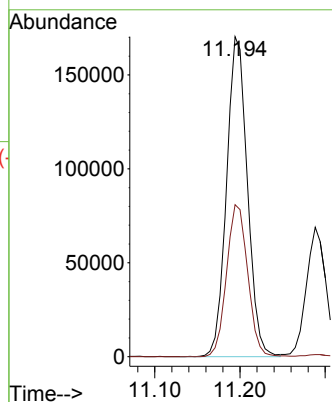
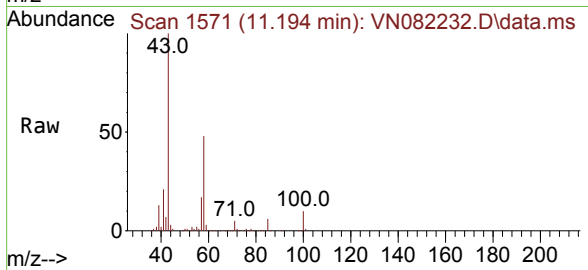




#59
2-Hexanone
Concen: 100.529 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

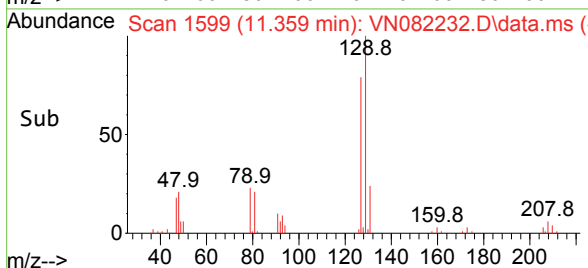
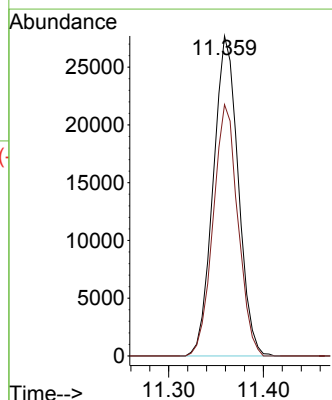
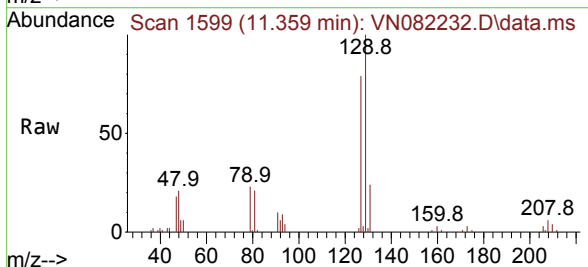
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

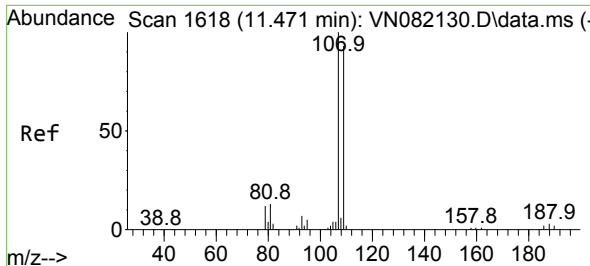
Tgt Ion: 43 Resp: 289585
Ion Ratio Lower Upper
43 100
58 48.3 28.3 84.9



#60
Dibromochloromethane
Concen: 20.214 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 129 Resp: 50657
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

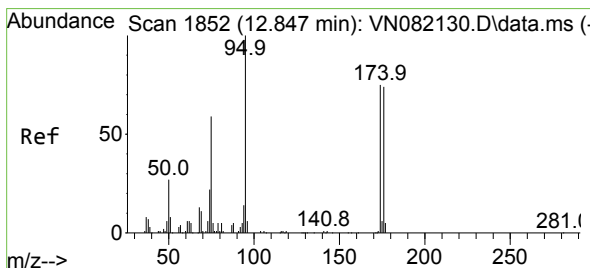
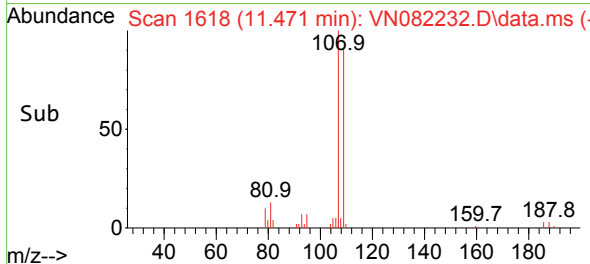
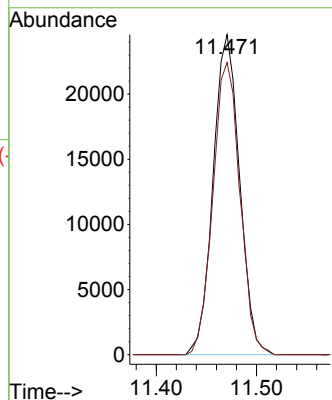
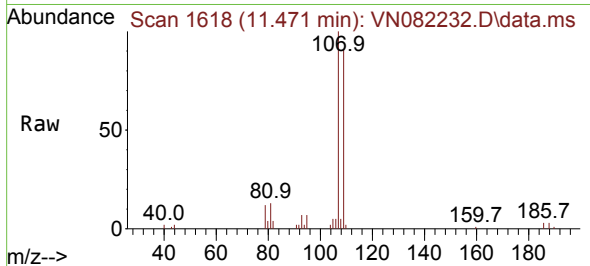




#61
1,2-Dibromoethane
Concen: 19.279 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

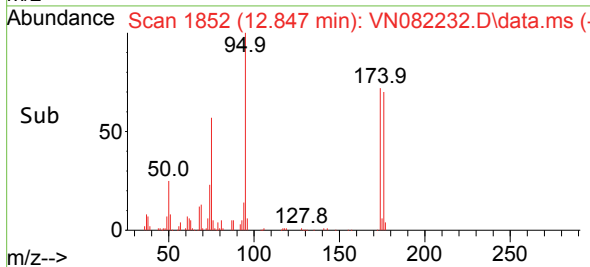
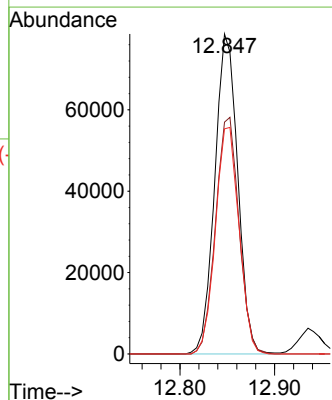
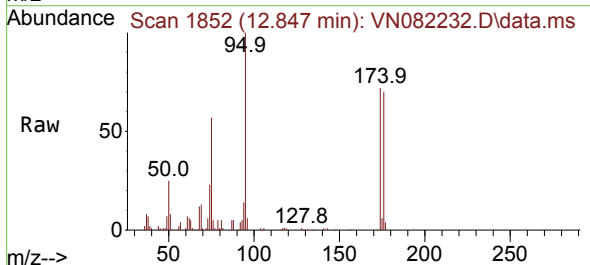
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

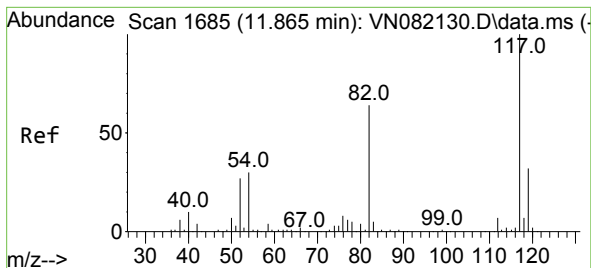
Tgt Ion:107 Resp: 44966
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 95 Resp: 132634
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 72.8 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: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

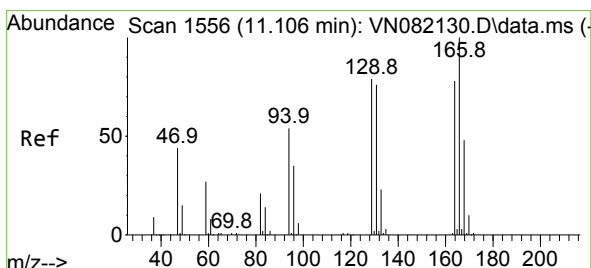
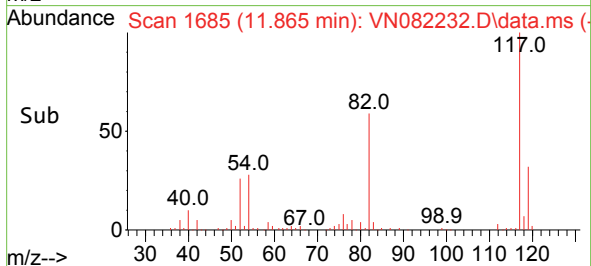
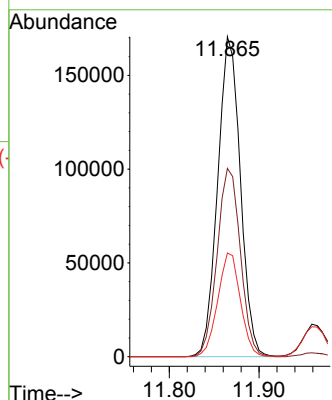
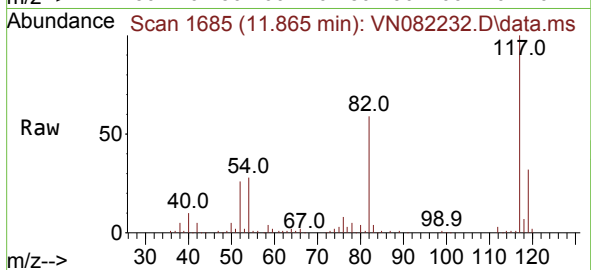
Tgt Ion:117 Resp: 299647

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 20.326 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Tgt Ion:164 Resp: 45143

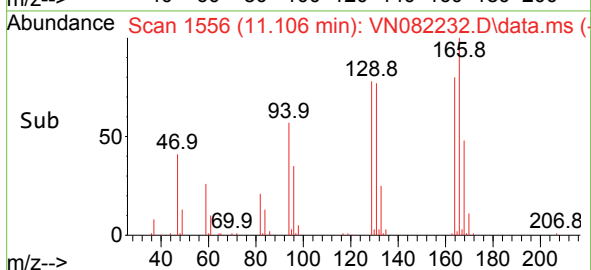
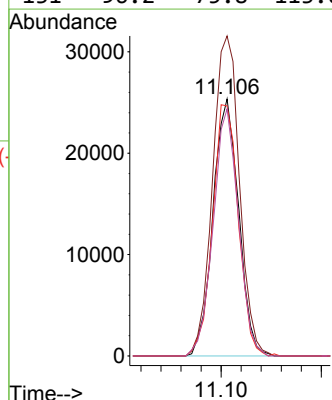
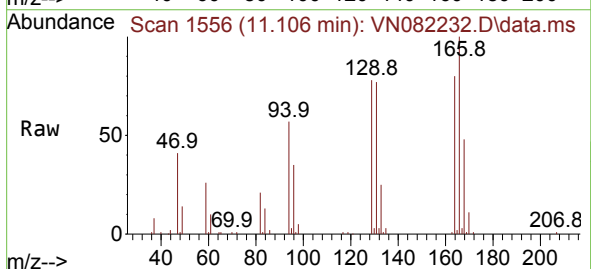
Ion Ratio Lower Upper

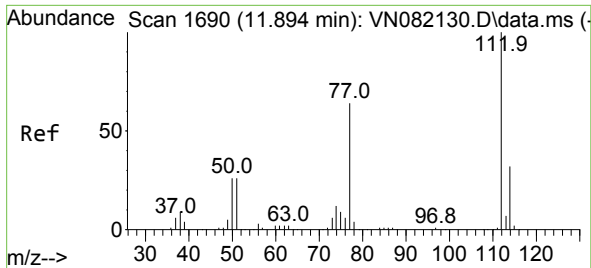
164 100

166 124.6 97.6 146.4

129 97.3 73.7 110.5

131 96.2 75.8 113.6

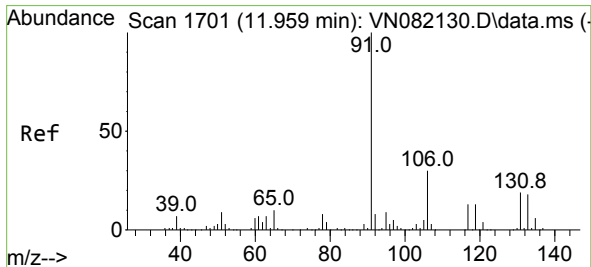
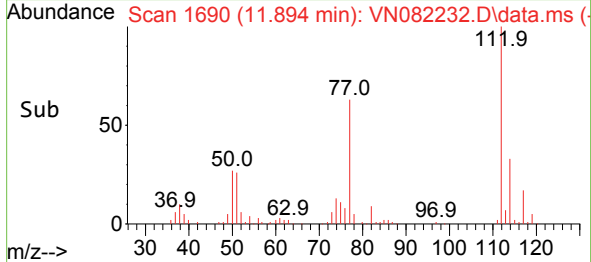
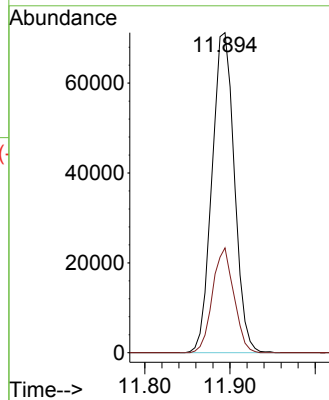
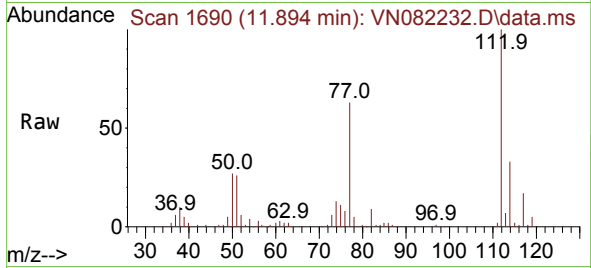




#65
Chlorobenzene
Concen: 19.638 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

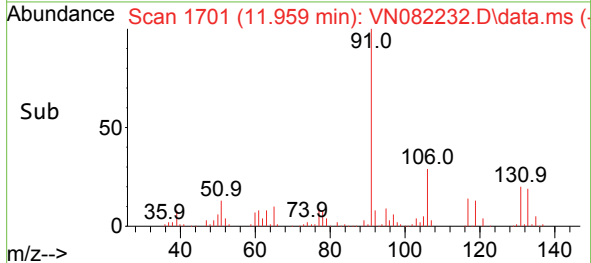
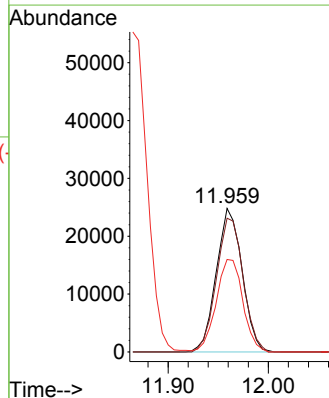
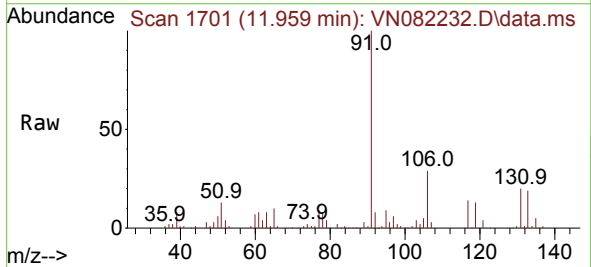
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

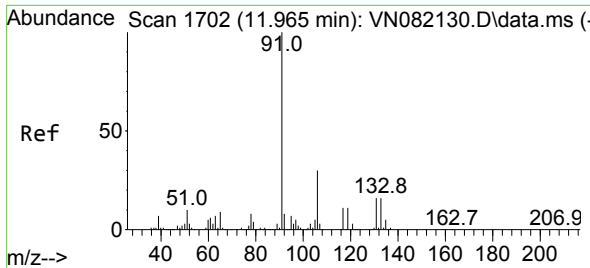
Tgt Ion:112 Resp: 129996
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:131 Resp: 44444
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.2 32.9 98.7

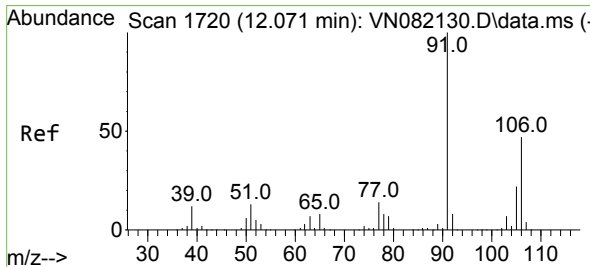
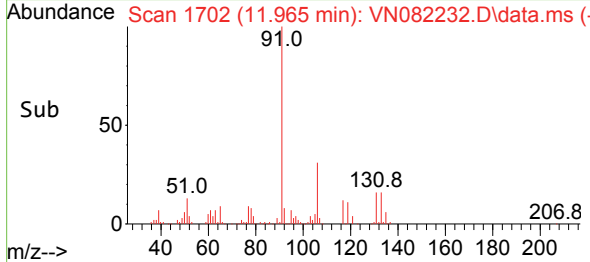
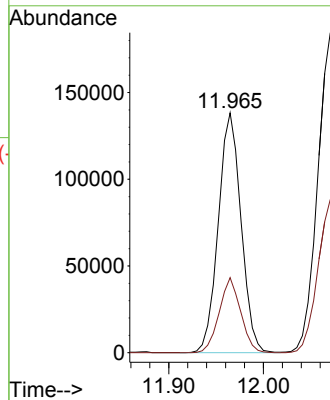
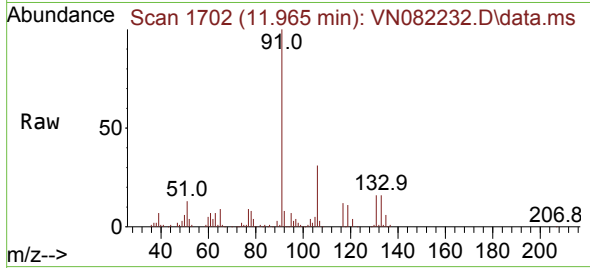




#67
Ethyl Benzene
Concen: 19.491 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

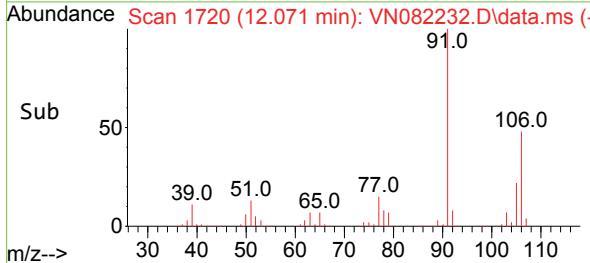
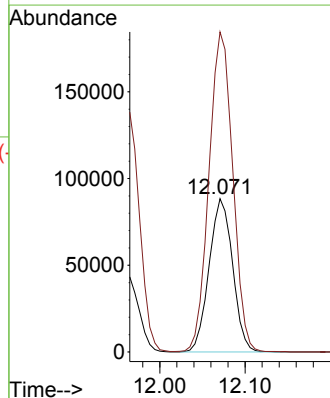
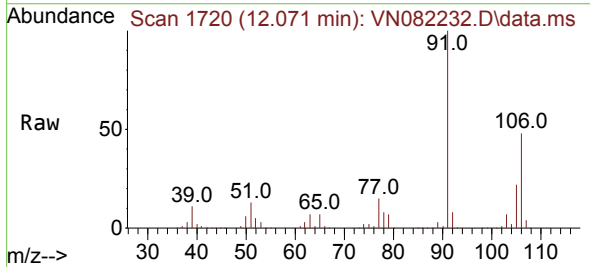
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

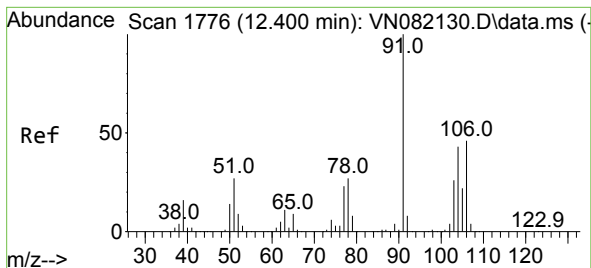
Tgt Ion: 91 Resp: 230802
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 39.044 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:106 Resp: 169453
Ion Ratio Lower Upper
106 100
91 211.8 159.4 239.0





#69

o-Xylene

Concen: 19.566 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

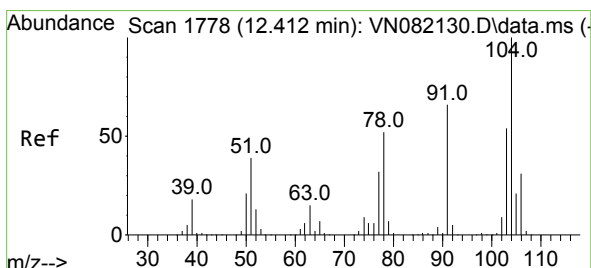
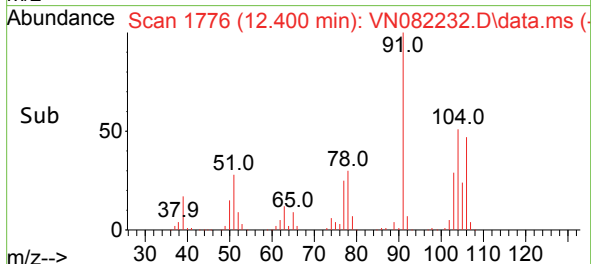
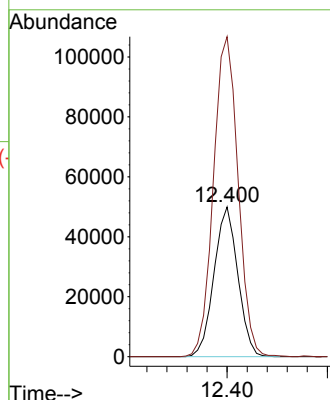
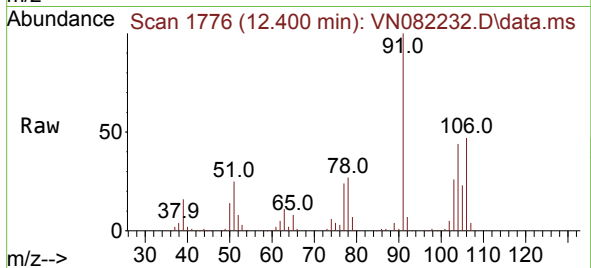
VN0521WBS01

Tgt Ion:106 Resp: 82258

Ion Ratio Lower Upper

106 100

91 221.3 104.7 314.1



#70

Styrene

Concen: 19.975 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

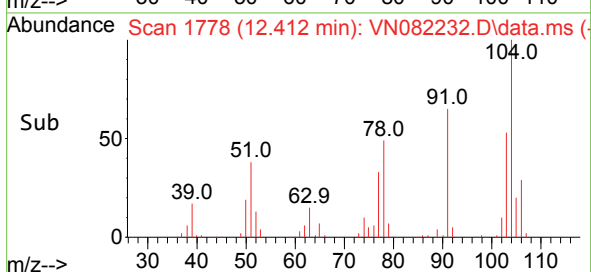
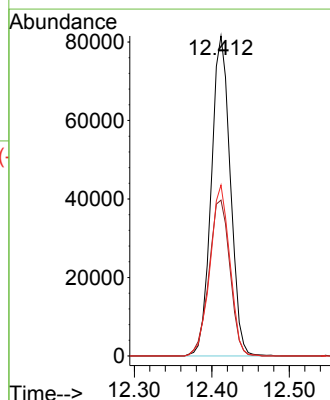
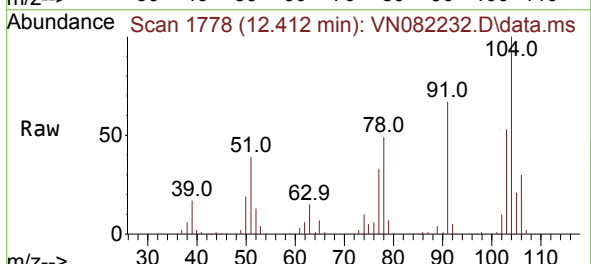
Tgt Ion:104 Resp: 139484

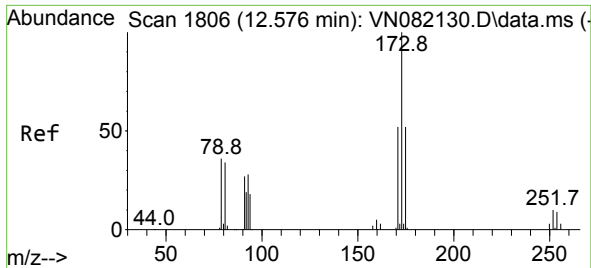
Ion Ratio Lower Upper

104 100

78 53.6 38.6 58.0

103 55.3 43.8 65.6

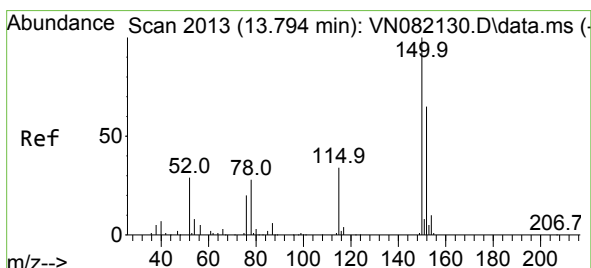
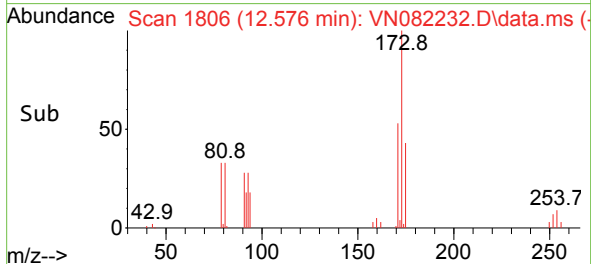
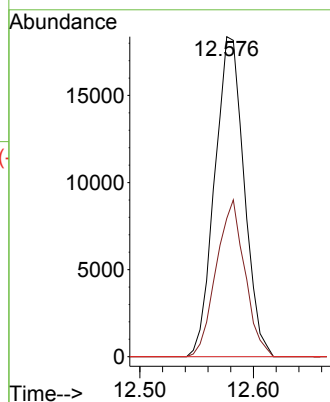
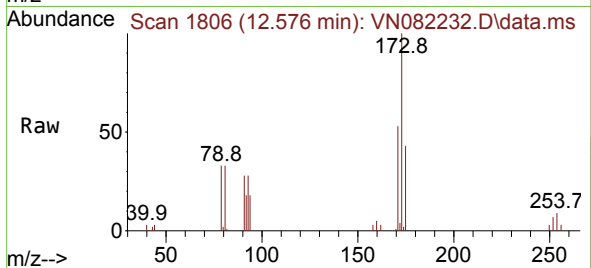




#71
Bromoform
Concen: 19.461 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

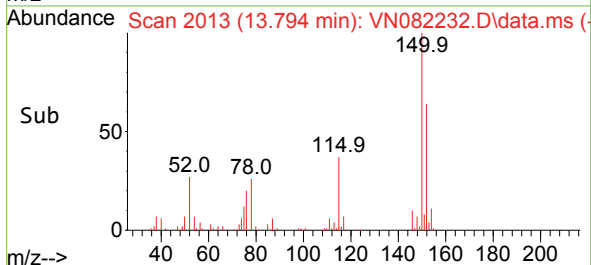
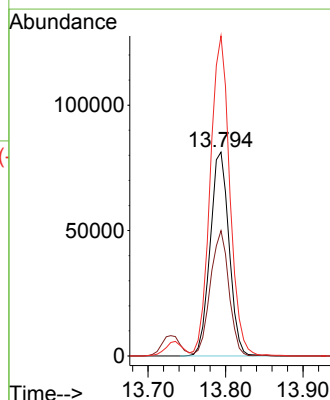
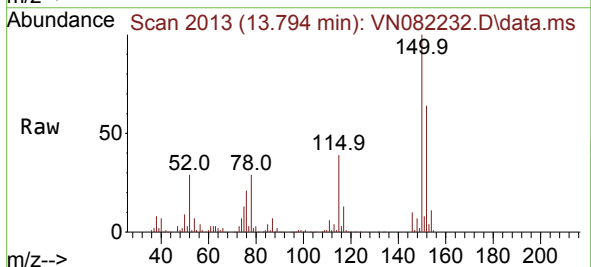
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

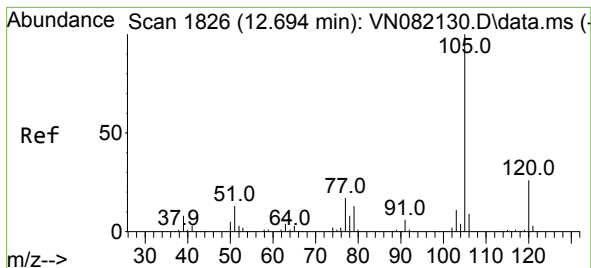
Tgt Ion:173 Resp: 32997
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion:152 Resp: 137635
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.3
150 162.7 0.0 353.2





#73

Isopropylbenzene

Concen: 19.637 ug/l

RT: 12.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

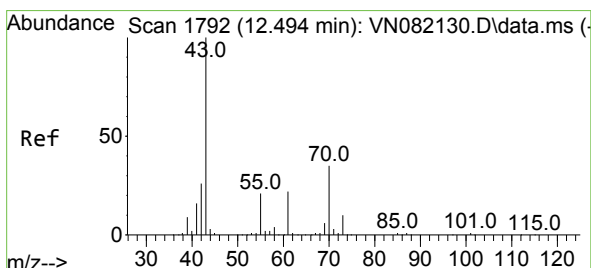
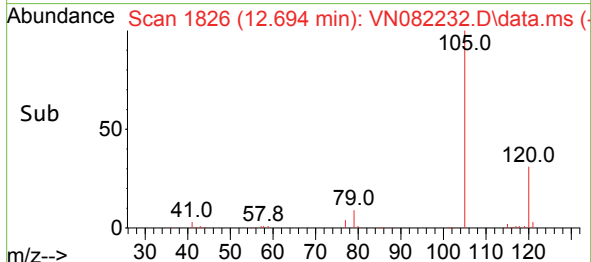
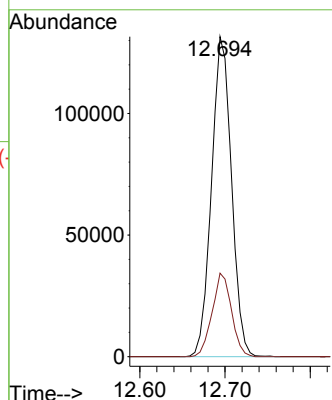
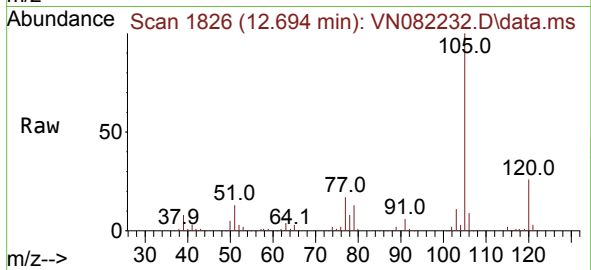
VN0521WBS01

Tgt Ion:105 Resp: 214719

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



#74

N-ethyl acetate

Concen: 18.614 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Tgt Ion: 43 Resp: 111954

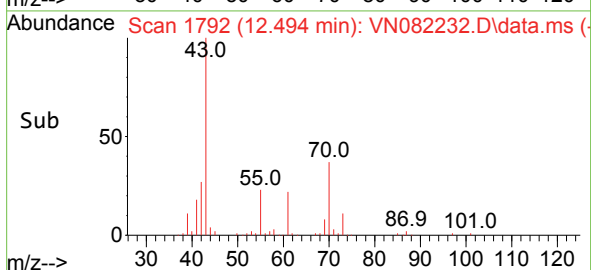
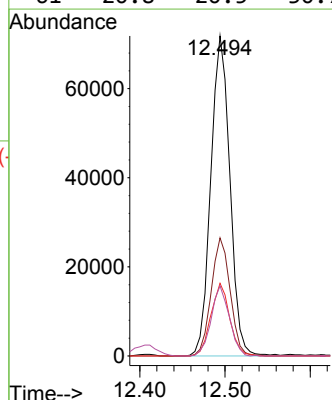
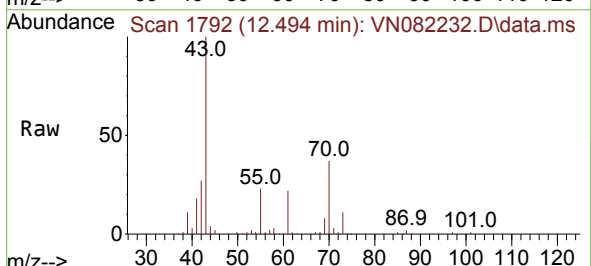
Ion Ratio Lower Upper

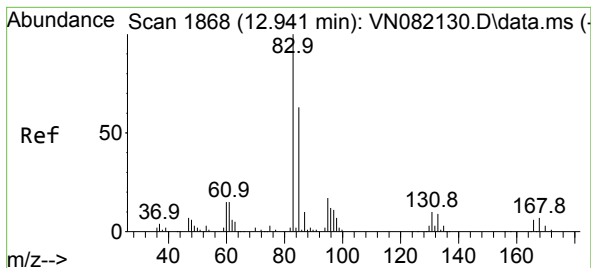
43 100

70 36.5 39.0 58.4#

55 22.3 21.3 31.9

61 20.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.531 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

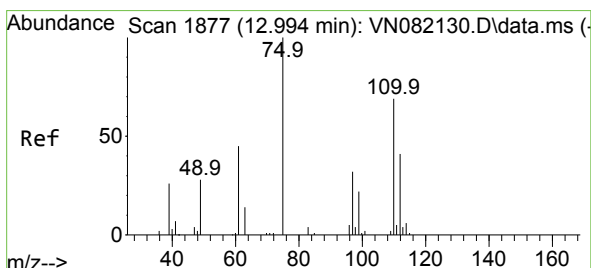
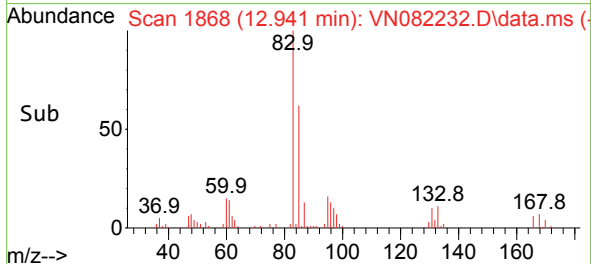
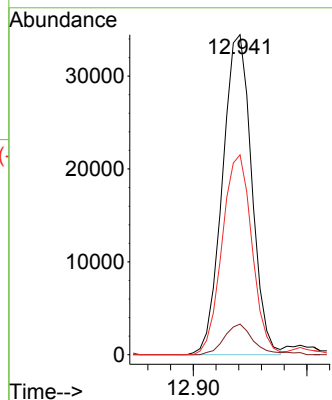
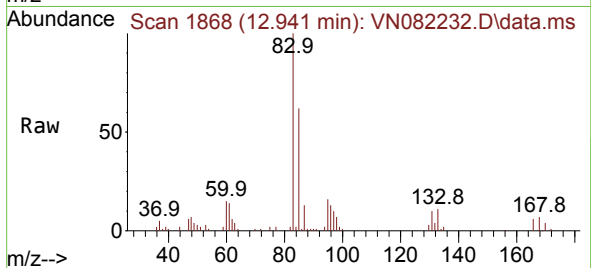
Tgt Ion: 83 Resp: 61561

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.4

85 63.7 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 29.707 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082232.D

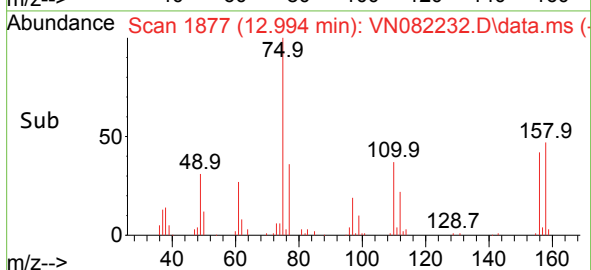
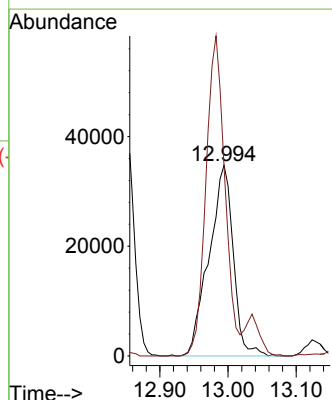
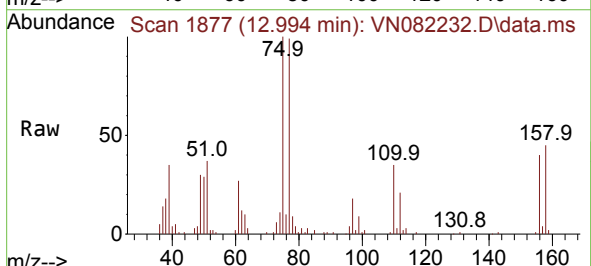
Acq: 21 May 2024 11:34

Tgt Ion: 75 Resp: 86058

Ion Ratio Lower Upper

75 100

77 131.5 90.5 271.3

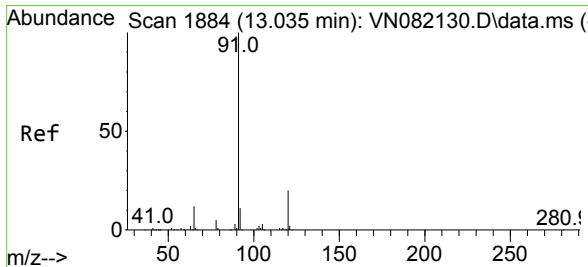
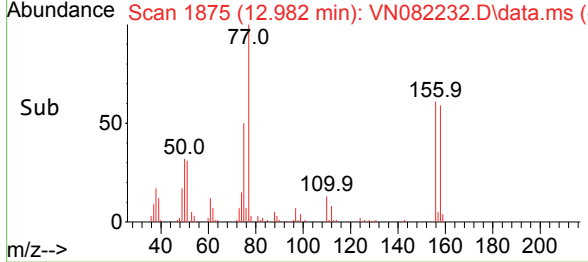
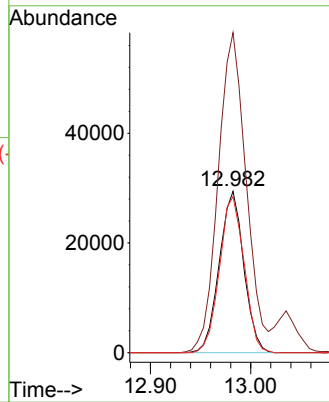
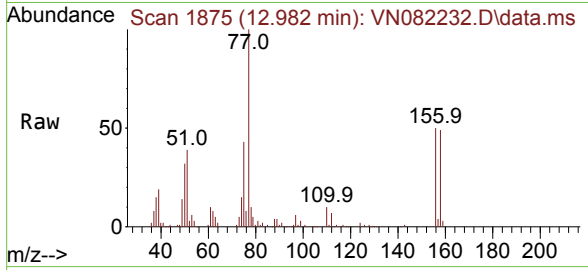




#77
 Bromobenzene
 Concen: 19.168 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

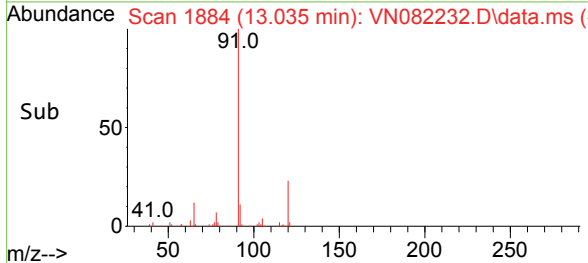
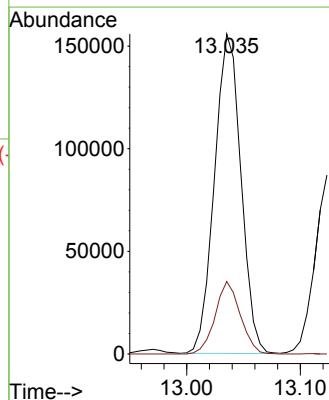
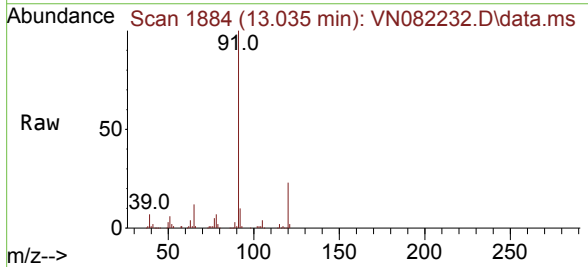
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

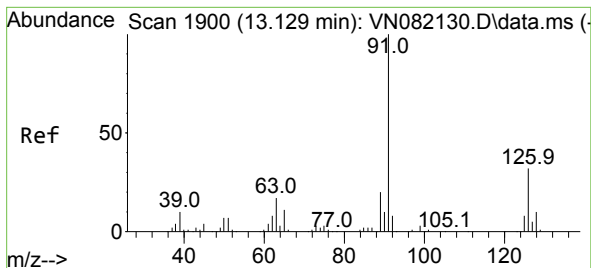
Tgt Ion:	156	Resp:	49949
Ion Ratio	Lower	Upper	
156	100		
77	226.5	100.2	300.6
158	97.1	49.1	147.3



#78
 n-propylbenzene
 Concen: 19.458 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion:	91	Resp:	251943
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.072 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

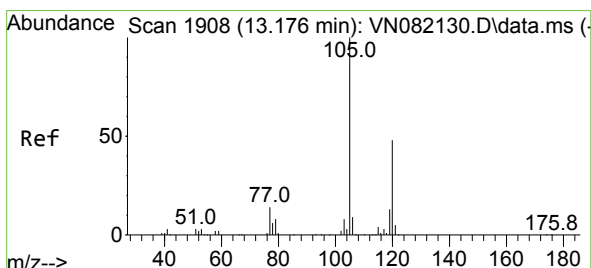
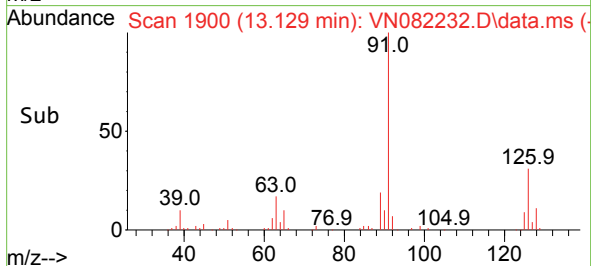
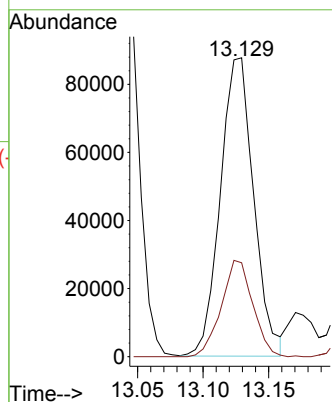
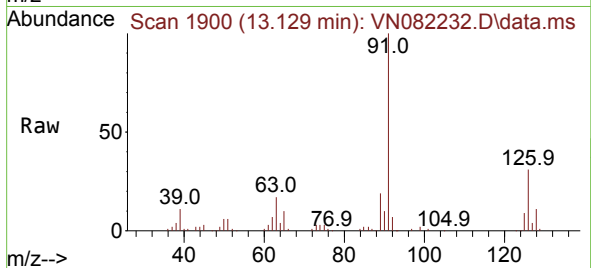
VN0521WBS01

Tgt Ion: 91 Resp: 155063

Ion Ratio Lower Upper

91 100

126 30.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.069 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082232.D

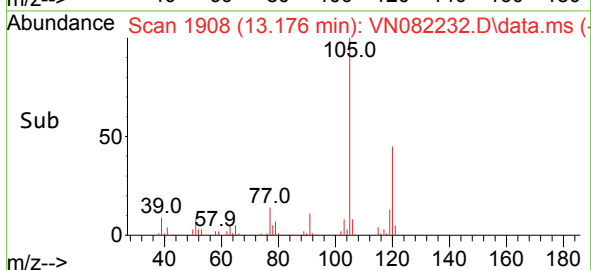
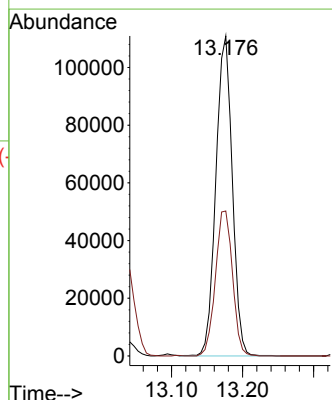
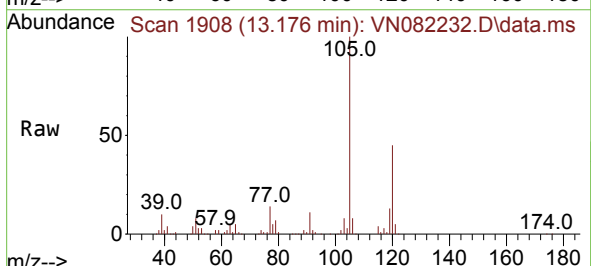
Acq: 21 May 2024 11:34

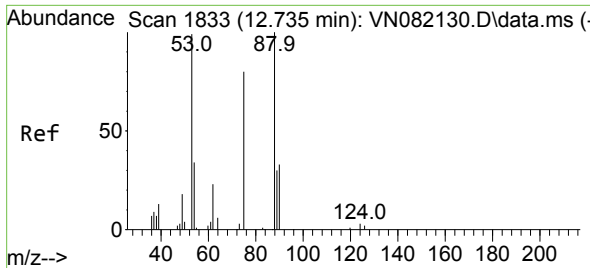
Tgt Ion:105 Resp: 177443

Ion Ratio Lower Upper

105 100

120 47.1 24.8 74.3

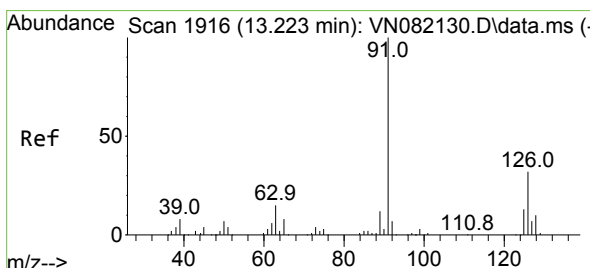
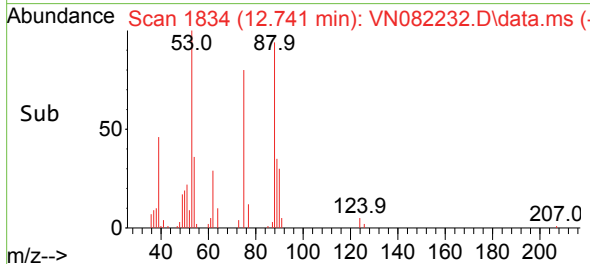
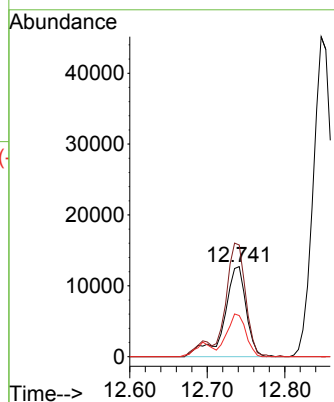
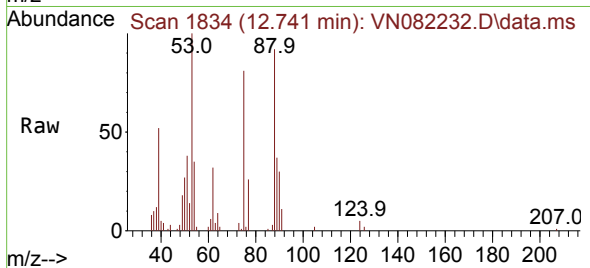




#81
trans-1,4-Dichloro-2-butene
Concen: 20.219 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

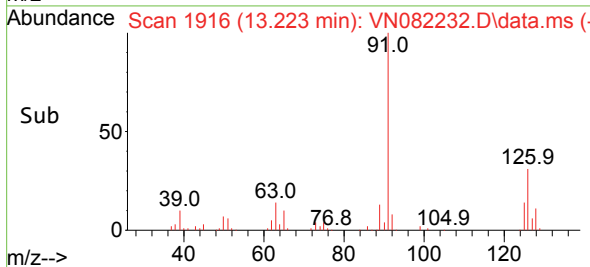
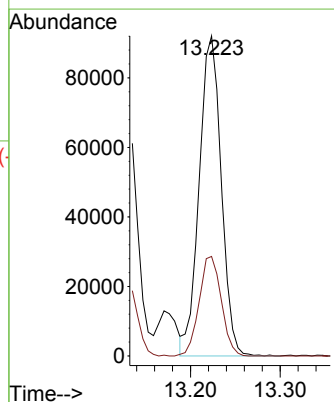
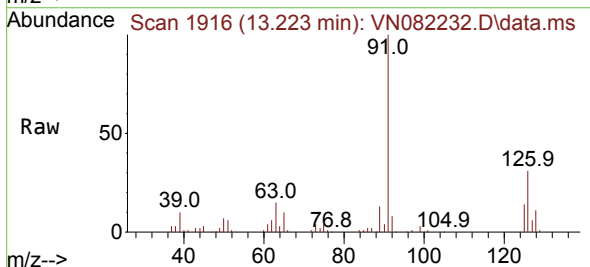
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

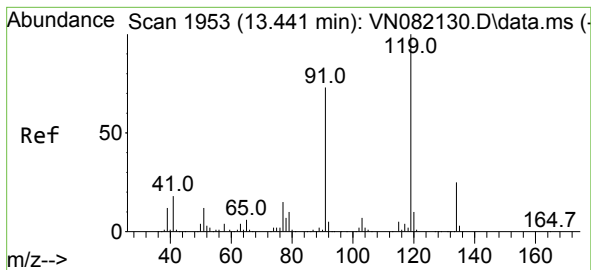
Tgt Ion: 75 Resp: 25042
Ion Ratio Lower Upper
75 100
53 110.4 72.9 109.3#
89 40.8 39.1 58.7



#82
4-Chlorotoluene
Concen: 19.725 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082232.D
Acq: 21 May 2024 11:34

Tgt Ion: 91 Resp: 156806
Ion Ratio Lower Upper
91 100
126 31.3 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.138 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

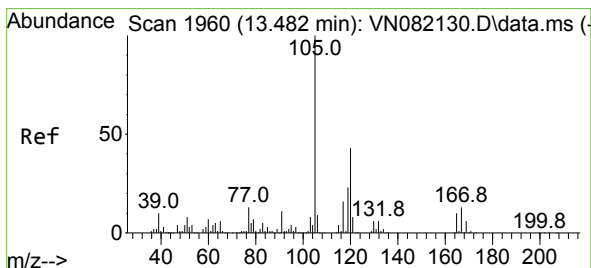
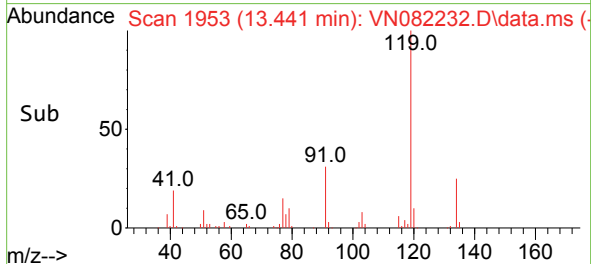
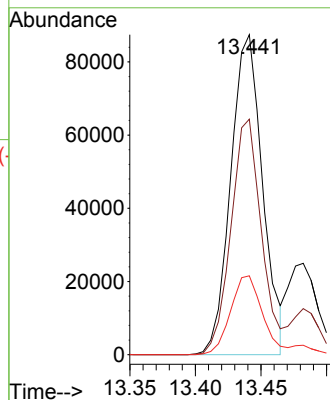
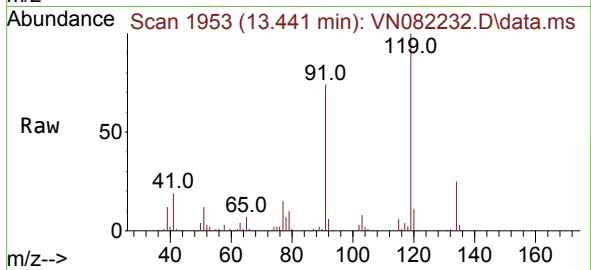
Tgt Ion:119 Resp: 148033

Ion Ratio Lower Upper

119 100

91 70.1 32.6 97.8

134 24.8 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 19.765 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082232.D

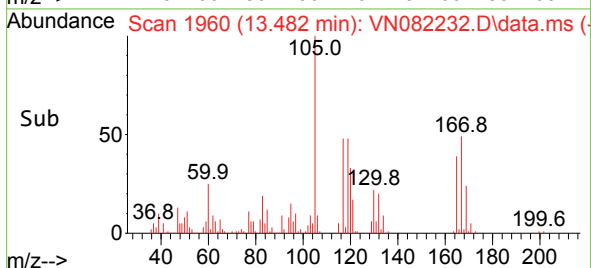
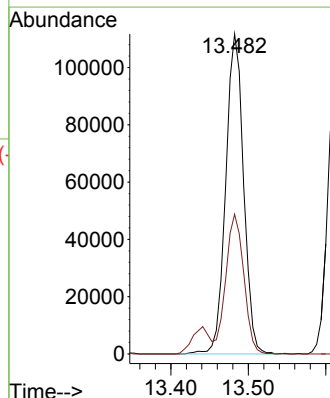
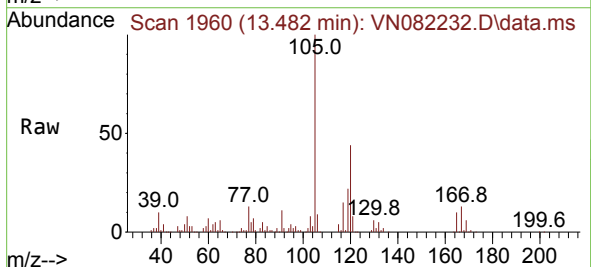
Acq: 21 May 2024 11:34

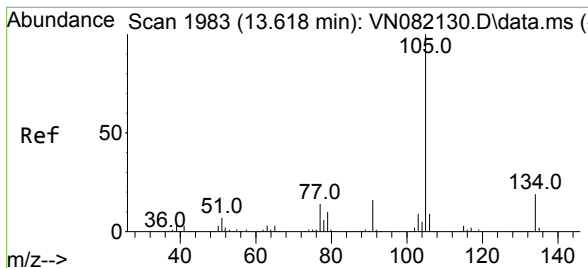
Tgt Ion:105 Resp: 178785

Ion Ratio Lower Upper

105 100

120 44.3 22.9 68.7

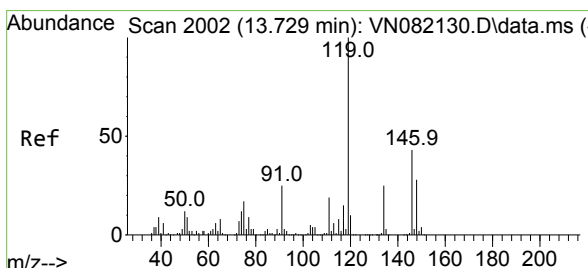
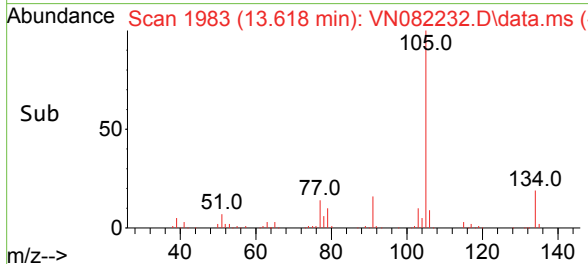
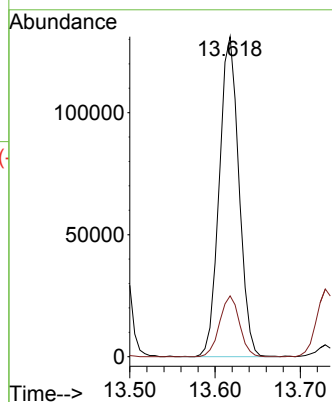
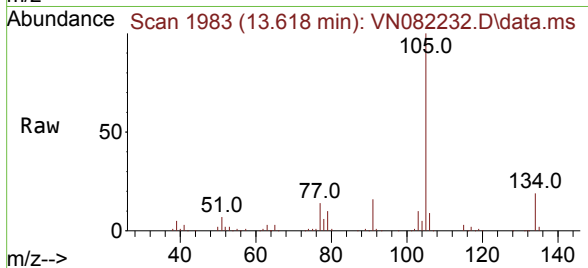




#85
 sec-Butylbenzene
 Concen: 19.582 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

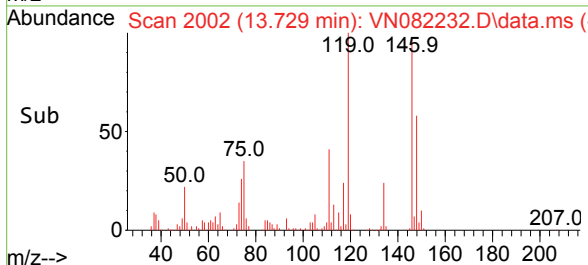
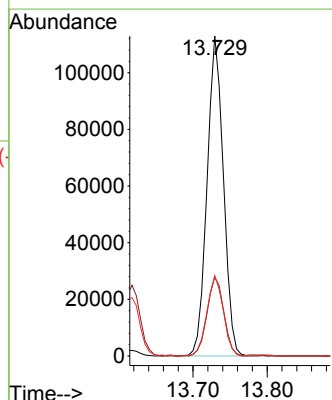
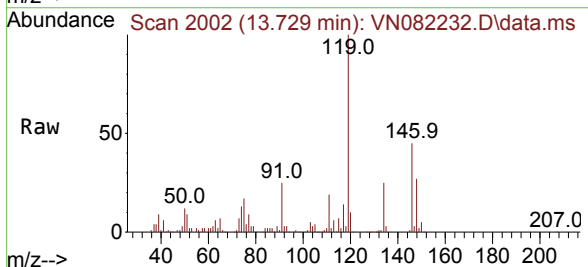
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

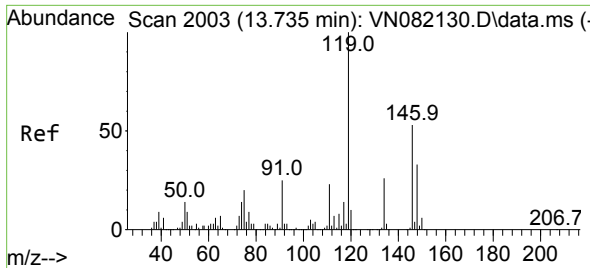
Tgt Ion:105 Resp: 209939
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.875 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion:119 Resp: 173177
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 25.0 11.8 35.3

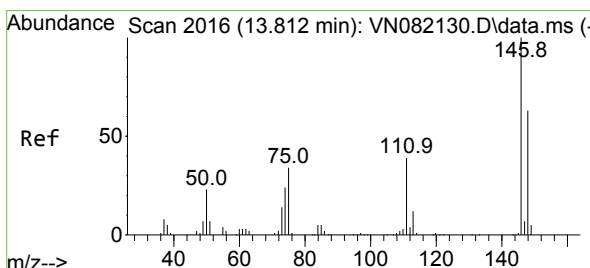
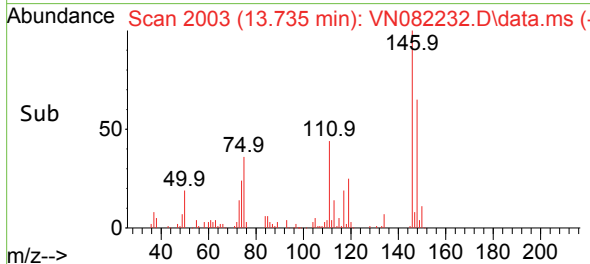
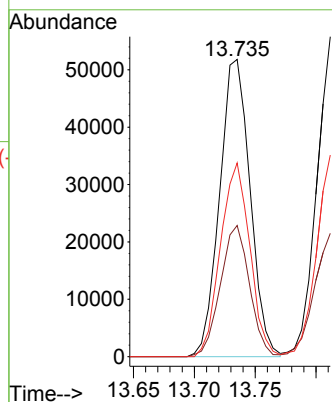
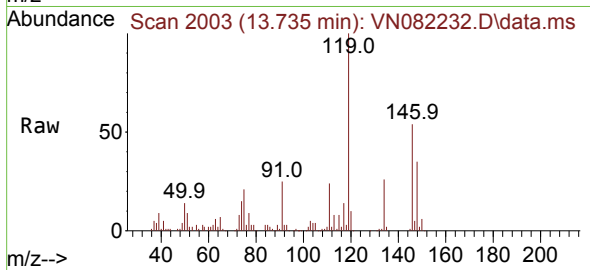




#87
 1,3-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

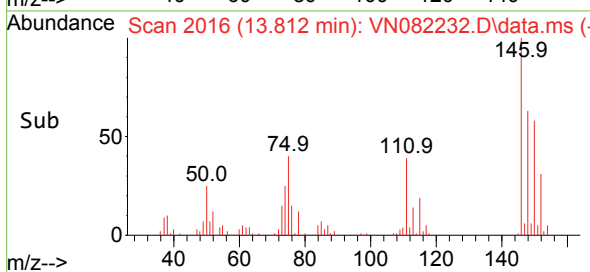
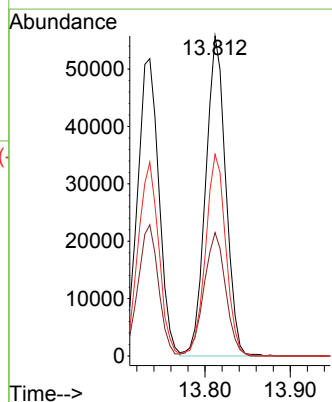
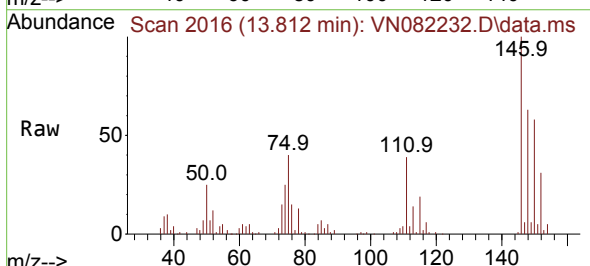
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

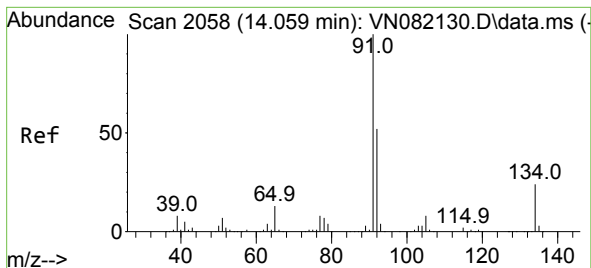
Tgt Ion:146 Resp: 90342
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 62.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.926 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion:146 Resp: 91193
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.3 57.9
 148 63.6 31.3 93.9





#89

n-Butylbenzene

Concen: 18.774 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

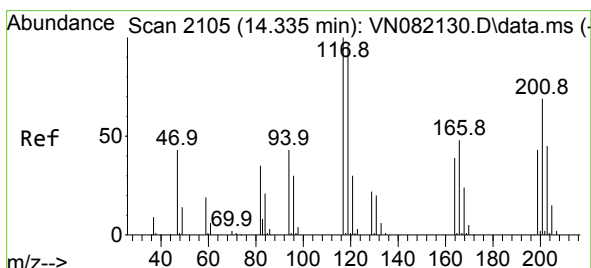
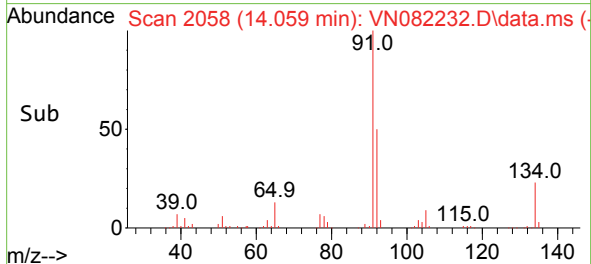
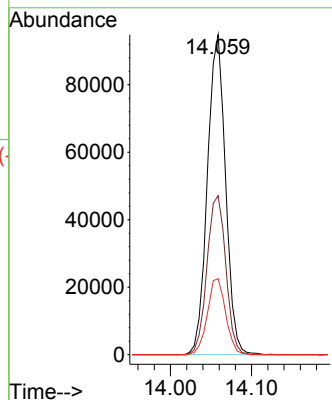
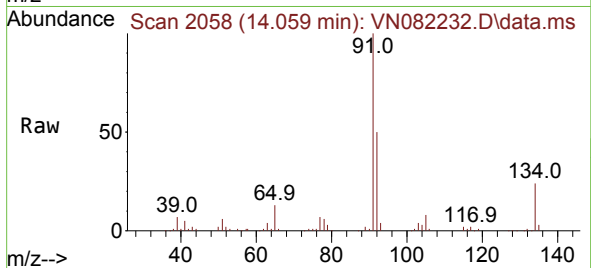
Tgt Ion: 91 Resp: 147027

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.5

134 24.0 13.2 39.5



#90

Hexachloroethane

Concen: 19.610 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082232.D

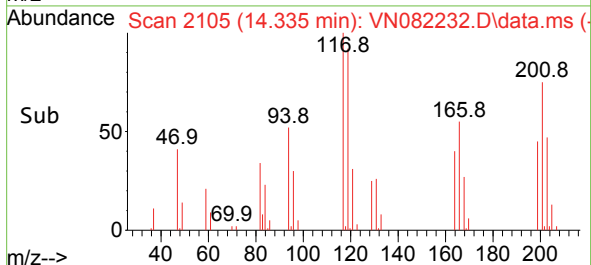
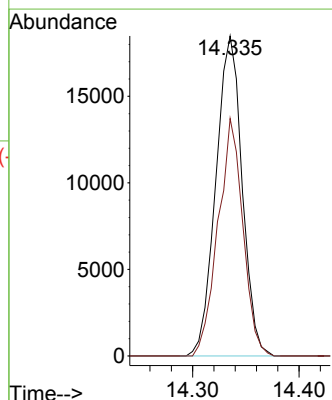
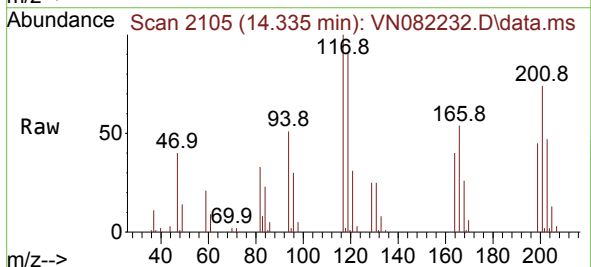
Acq: 21 May 2024 11:34

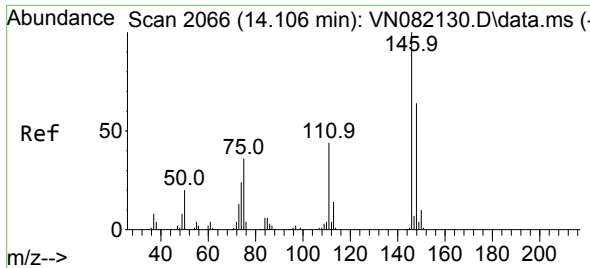
Tgt Ion: 117 Resp: 31657

Ion Ratio Lower Upper

117 100

201 70.3 33.3 99.8

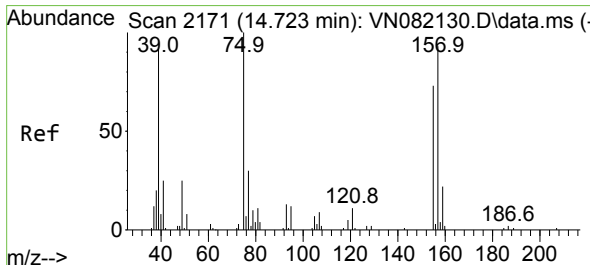
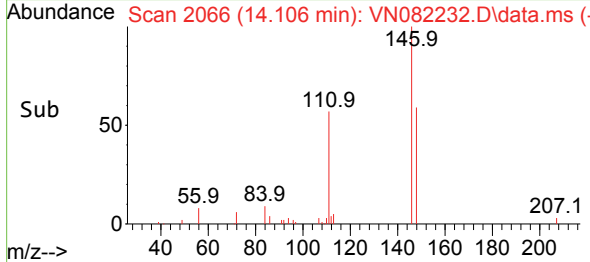
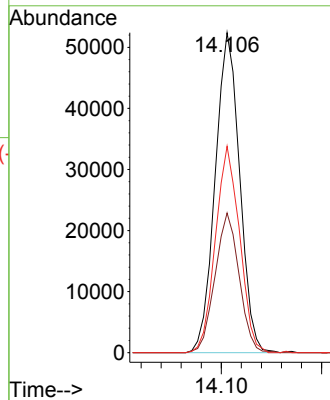
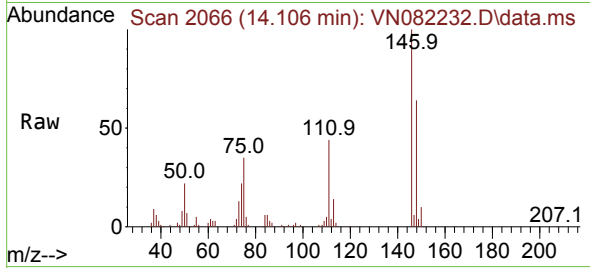




#91
 1,2-Dichlorobenzene
 Concen: 19.850 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

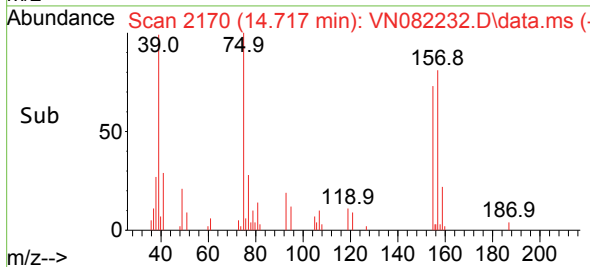
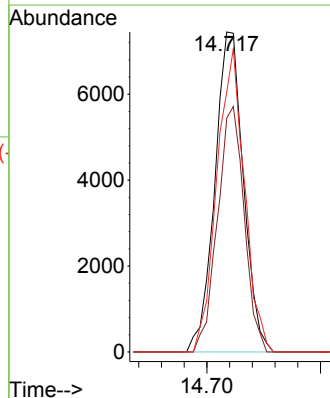
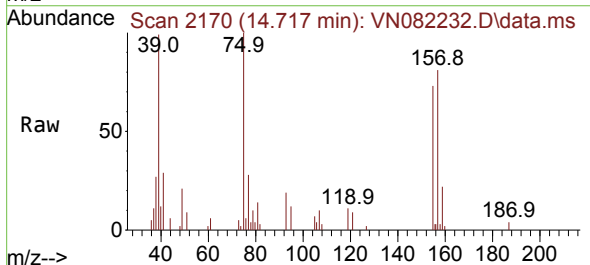
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

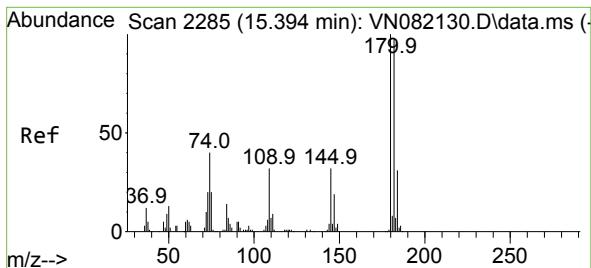
Tgt Ion:146 Resp: 88702
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.094 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082232.D
 Acq: 21 May 2024 11:34

Tgt Ion: 75 Resp: 13013
 Ion Ratio Lower Upper
 75 100
 155 71.7 42.6 128.0
 157 91.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.615 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

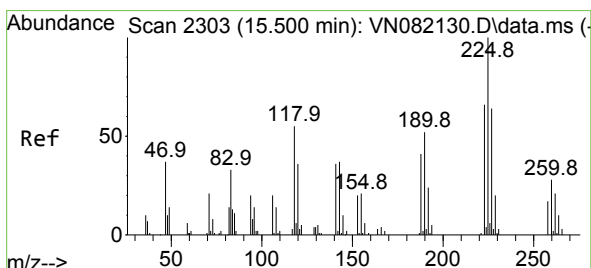
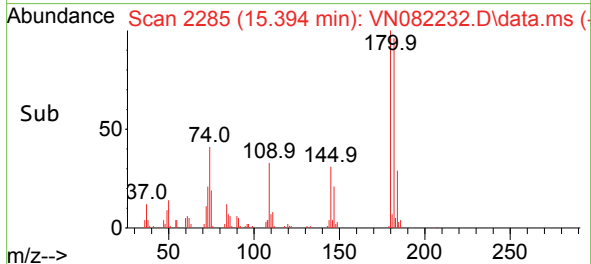
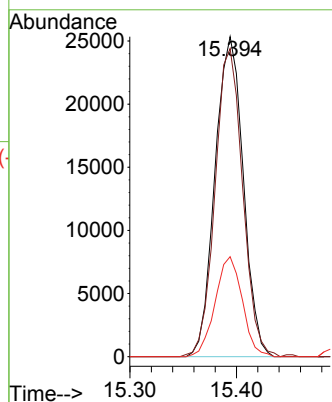
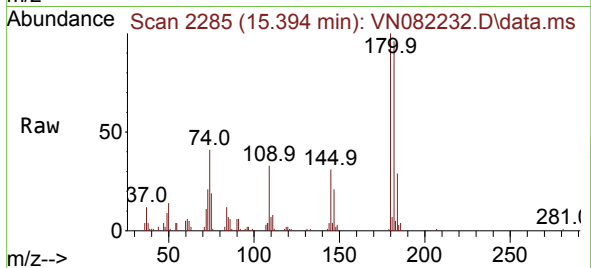
Tgt Ion:180 Resp: 46629

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.0

145 30.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 17.987 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

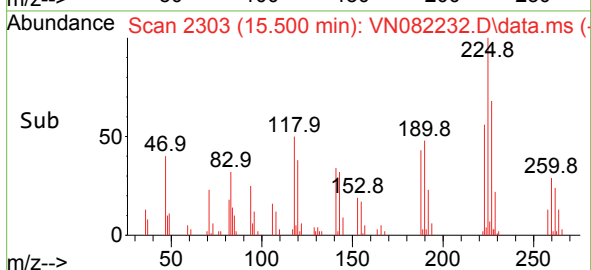
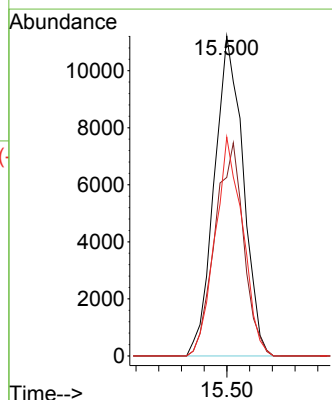
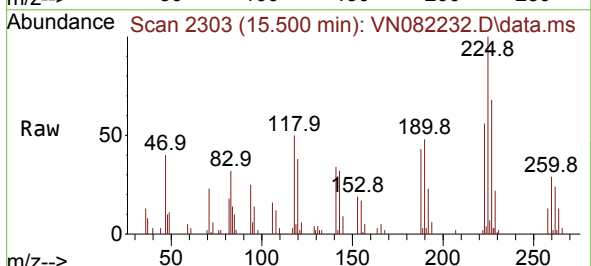
Tgt Ion:225 Resp: 19770

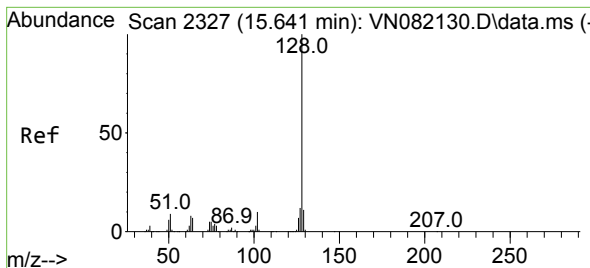
Ion Ratio Lower Upper

225 100

223 66.4 31.1 93.2

227 65.9 30.6 91.6





#95

Naphthalene

Concen: 18.924 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

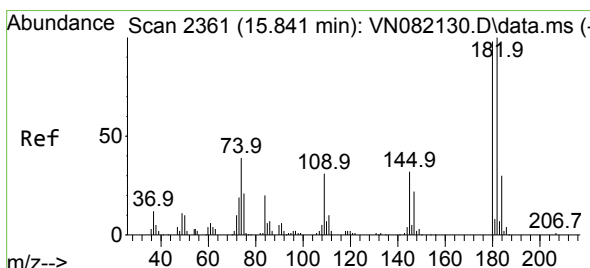
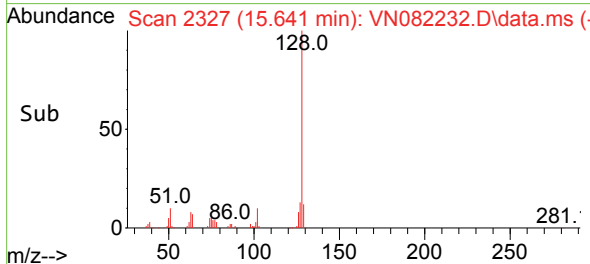
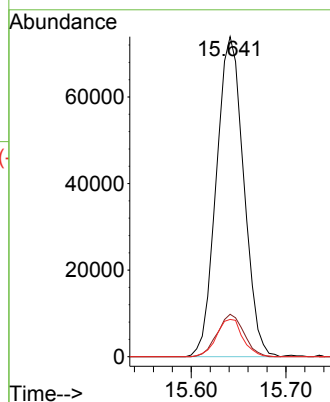
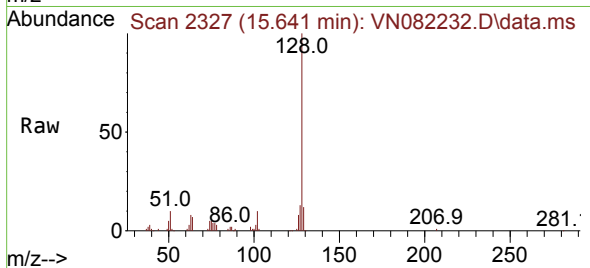
Tgt Ion:128 Resp: 148554

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.161 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082232.D

Acq: 21 May 2024 11:34

Tgt Ion:180 Resp: 48047

Ion Ratio Lower Upper

180 100

182 94.7 46.0 137.8

145 33.2 17.1 51.3

