

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082233.D
 Acq On : 21 May 2024 12:16
 Operator : JC\MD
 Sample : VN0521WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

Quant Time: May 22 01:24:19 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	181699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136910	47.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.440%
35) Dibromofluoromethane	8.165	113	94177	49.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.571	98	348035	47.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.847	95	124553	47.551	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49186	18.776	ug/l	100
3) Chloromethane	2.359	50	54264	18.278	ug/l	99
4) Vinyl Chloride	2.512	62	50617	18.136	ug/l	98
5) Bromomethane	2.959	94	30272	18.870	ug/l	98
6) Chloroethane	3.124	64	33634	18.455	ug/l	93
7) Trichlorofluoromethane	3.500	101	70667	19.336	ug/l	97
8) Diethyl Ether	3.959	74	26967	20.712	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	42139	19.738	ug/l	98
10) Methyl Iodide	4.589	142	37749	17.588	ug/l #	96
11) Tert butyl alcohol	5.518	59	46254	100.432	ug/l	100
12) 1,1-Dichloroethene	4.342	96	37678	18.987	ug/l #	79
13) Acrolein	4.177	56	31748	93.025	ug/l	96
14) Allyl chloride	5.024	41	78896	18.570	ug/l #	91
15) Acrylonitrile	5.718	53	125920	105.569	ug/l	99
16) Acetone	4.424	43	111145	94.435	ug/l #	88
17) Carbon Disulfide	4.712	76	109636	17.106	ug/l	98
18) Methyl Acetate	5.024	43	61862	21.106	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	147648	20.356	ug/l	97
20) Methylene Chloride	5.277	84	46688	19.661	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	40845	18.888	ug/l #	73
22) Diisopropyl ether	6.671	45	179877	20.276	ug/l #	93
23) Vinyl Acetate	6.600	43	710311	101.552	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	88720	19.402	ug/l	98
25) 2-Butanone	7.482	43	180560	101.186	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	74243	19.385	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	50292	19.706	ug/l	80
28) Bromochloromethane	7.812	49	39773	19.407	ug/l #	75
29) Tetrahydrofuran	7.841	42	117587	102.633	ug/l #	83
30) Chloroform	7.965	83	87554	20.051	ug/l	96
31) Cyclohexane	8.253	56	82951	18.102	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	74750	19.296	ug/l	92
36) 1,1-Dichloropropene	8.371	75	60337	18.795	ug/l	96
37) Ethyl Acetate	7.559	43	72282	20.119	ug/l #	96
38) Carbon Tetrachloride	8.365	117	64599	19.850	ug/l	98
39) Methylcyclohexane	9.606	83	66326	18.848	ug/l #	85
40) Benzene	8.606	78	189587	19.804	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42084	19.917	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	75090	20.394	ug/l	94
43) Isopropyl Acetate	8.688	43	140264	22.033	ug/l #	87
44) Trichloroethene	9.353	130	43345	19.932	ug/l	98
45) 1,2-Dichloropropane	9.624	63	49505	20.042	ug/l	95
46) Dibromomethane	9.706	93	33416	20.606	ug/l	98
47) Bromodichloromethane	9.888	83	70375	20.557	ug/l	98
48) Methyl methacrylate	9.676	41	63554	20.951	ug/l #	82
49) 1,4-Dioxane	9.694	88	18086	425.481	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	379010	104.785	ug/l	90
52) Toluene	10.629	92	116202	20.227	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	73943	20.884	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	76529	20.420	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	43142	20.664	ug/l	96
56) Ethyl methacrylate	10.876	69	72821	20.544	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	78435	20.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197971	108.281	ug/l	90
59) 2-Hexanone	11.194	43	276385	104.359	ug/l	89
60) Dibromochloromethane	11.359	129	50533	21.933	ug/l	98
61) 1,2-Dibromoethane	11.470	107	44376	20.694	ug/l	97
64) Tetrachloroethene	11.106	164	42651	20.134	ug/l	95
65) Chlorobenzene	11.894	112	124443	19.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43233	20.788	ug/l	100
67) Ethyl Benzene	11.965	91	219691	19.451	ug/l	98
68) m/p-Xylenes	12.070	106	162318	39.212	ug/l	94
69) o-Xylene	12.400	106	77577	19.347	ug/l	90
70) Styrene	12.412	104	133190	19.998	ug/l	96
71) Bromoform	12.582	173	31145	19.266	ug/l #	98
73) Isopropylbenzene	12.700	105	198579	18.966	ug/l	98
74) N-amyl acetate	12.494	43	107953	18.745	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	57979	19.210	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	84259	30.375	ug/l	64
77) Bromobenzene	12.982	156	47778	19.148	ug/l	87
78) n-propylbenzene	13.035	91	239820	19.343	ug/l	97
79) 2-Chlorotoluene	13.123	91	146253	18.785	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	166263	19.639	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21783	18.367	ug/l #	68
82) 4-Chlorotoluene	13.223	91	146811	19.287	ug/l	95
83) tert-Butylbenzene	13.441	119	140655	18.991	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	168266	19.427	ug/l	98
85) sec-Butylbenzene	13.617	105	199115	19.395	ug/l	97
86) p-Isopropyltoluene	13.729	119	163865	19.640	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	87969	19.460	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	89139	19.320	ug/l	97
89) n-Butylbenzene	14.059	91	144497	19.269	ug/l	98
90) Hexachloroethane	14.335	117	29891	19.337	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	87001	20.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12343	19.905	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	46153	19.242	ug/l	100
94) Hexachlorobutadiene	15.500	225	20206	19.199	ug/l	99
95) Naphthalene	15.641	128	146148	19.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45785	19.068	ug/l	95

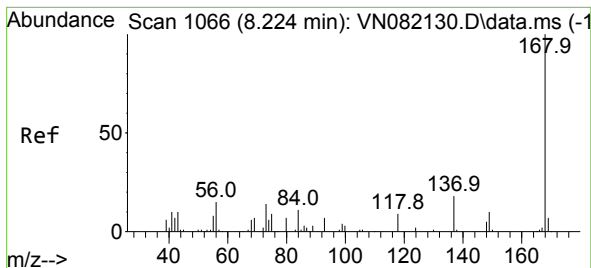
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QLast Update : Thu May 16 05:21:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

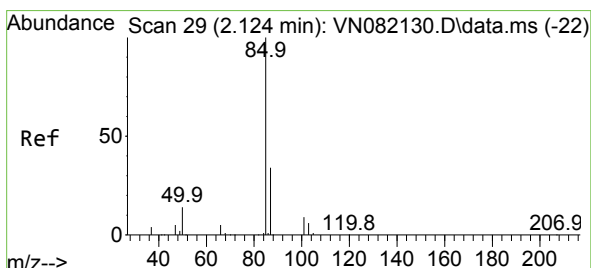
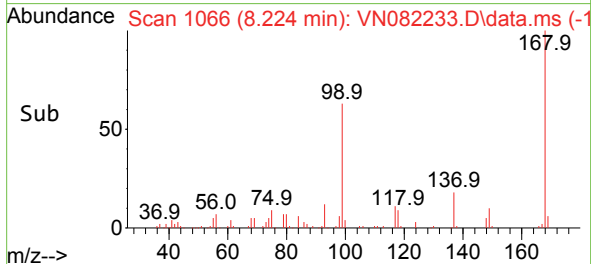
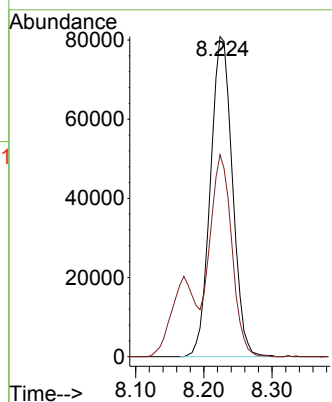
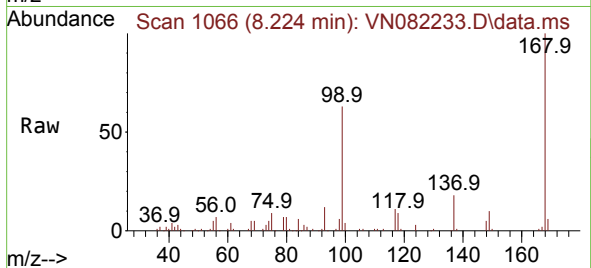
VN0521WBSD01

Tgt Ion:168 Resp: 181699

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.776 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082233.D

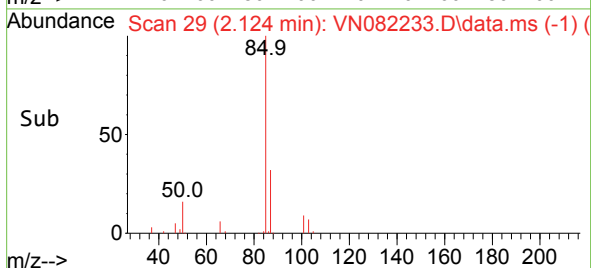
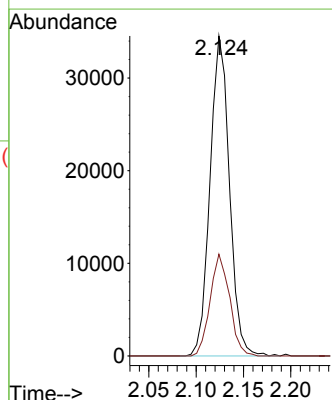
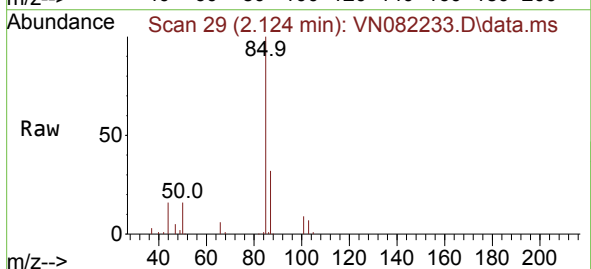
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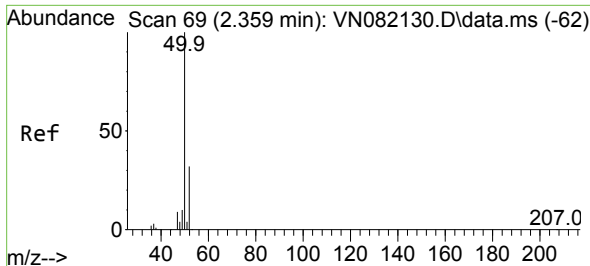
Tgt Ion: 85 Resp: 49186

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4

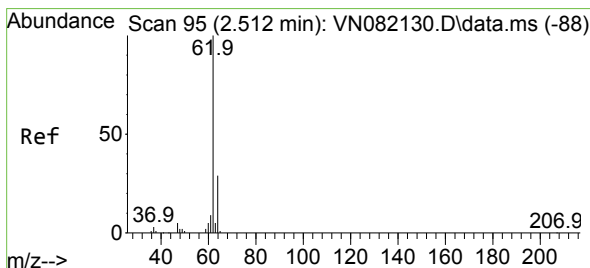
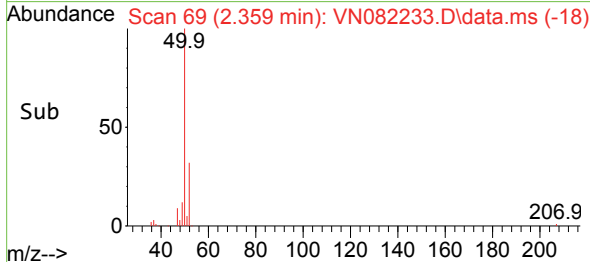
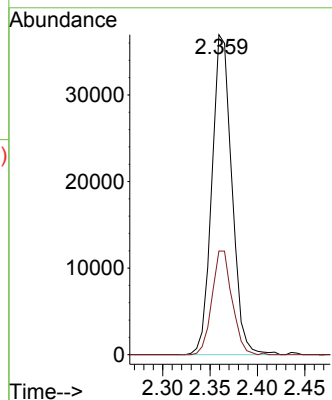
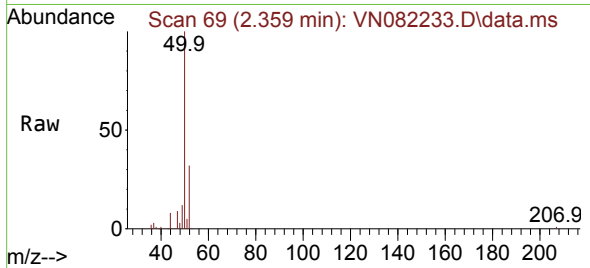




#3
Chloromethane
Concen: 18.278 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

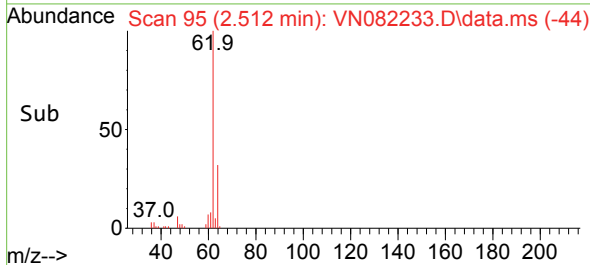
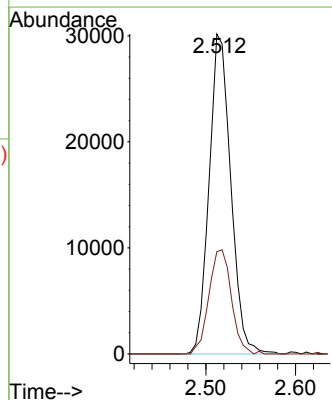
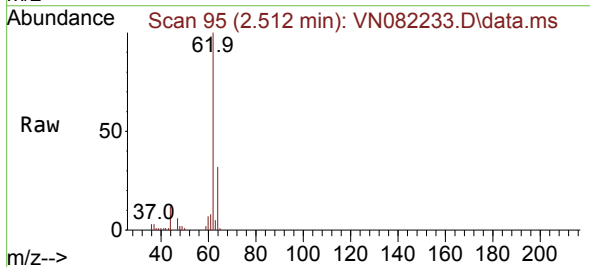
Instrument :
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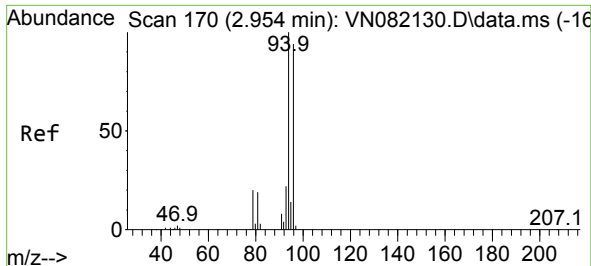
Tgt Ion: 50 Resp: 54264
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 18.136 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 62 Resp: 50617
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0

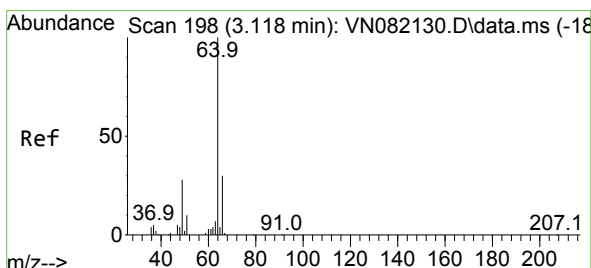
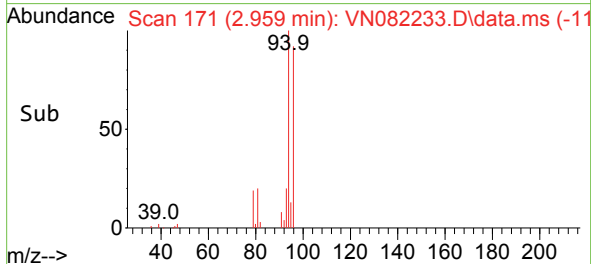
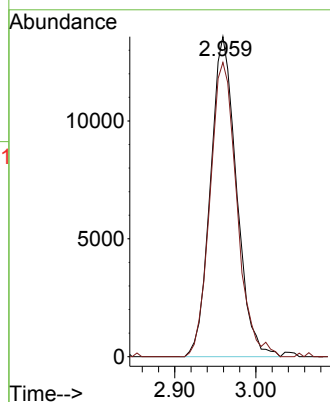
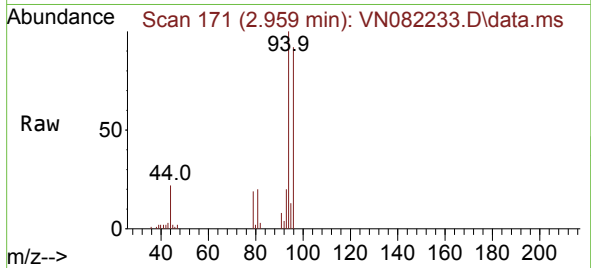




#5
Bromomethane
Concen: 18.870 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

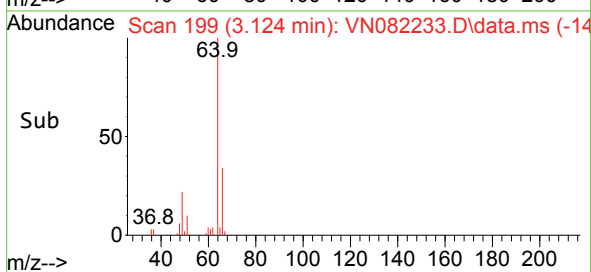
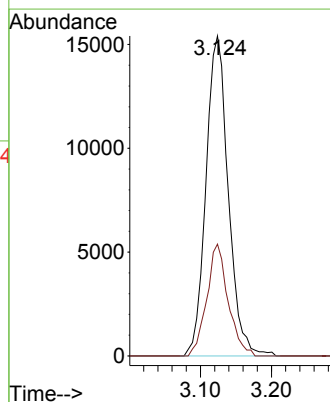
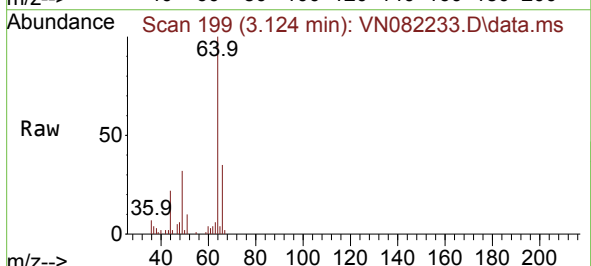
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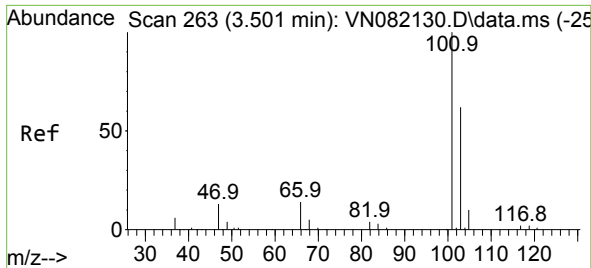
Tgt Ion: 94 Resp: 30272
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2



#6
Chloroethane
Concen: 18.455 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 64 Resp: 33634
Ion Ratio Lower Upper
64 100
66 34.9 24.7 37.1

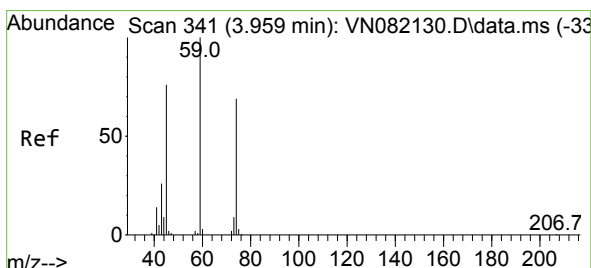
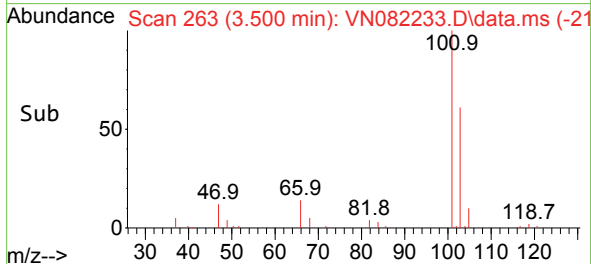
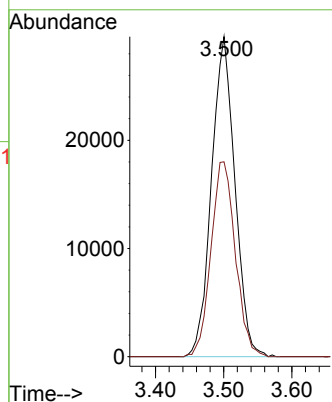
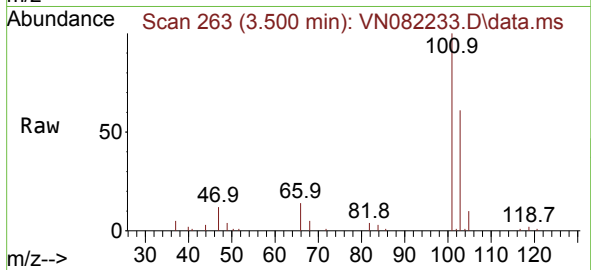




#7
Trichlorofluoromethane
Concen: 19.336 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

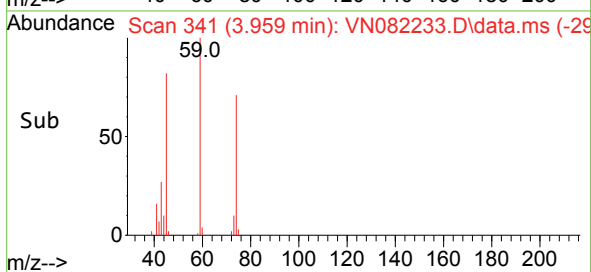
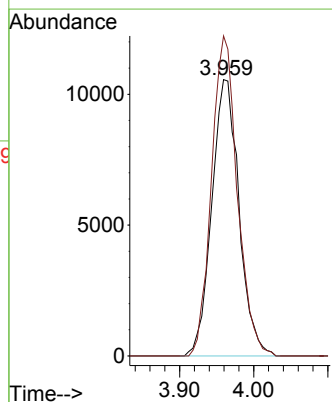
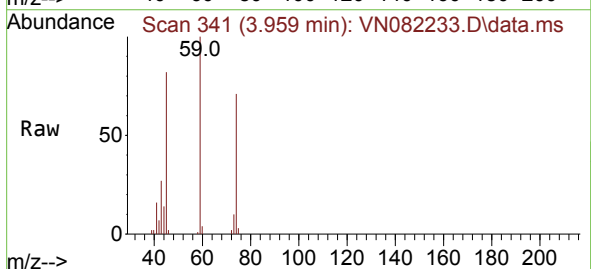
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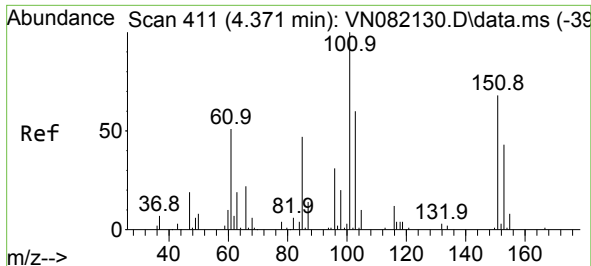
Tgt Ion:101 Resp: 70667
Ion Ratio Lower Upper
101 100
103 60.9 50.6 75.8



#8
Diethyl Ether
Concen: 20.712 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 74 Resp: 26967
Ion Ratio Lower Upper
74 100
45 110.1 42.4 127.3

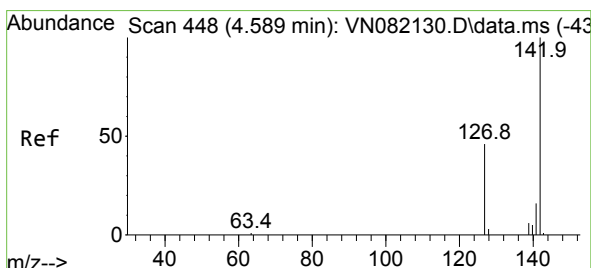
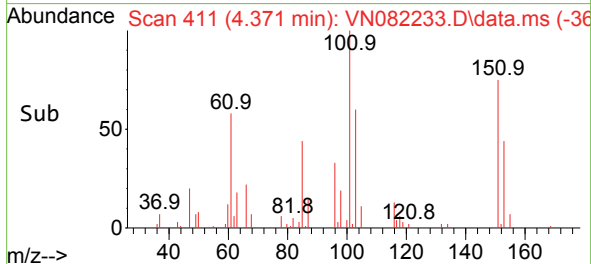
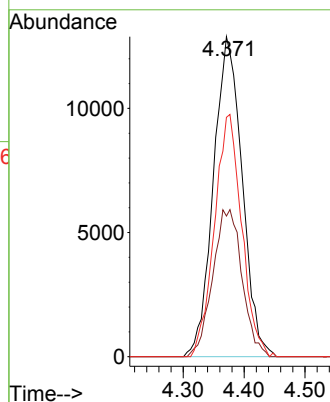
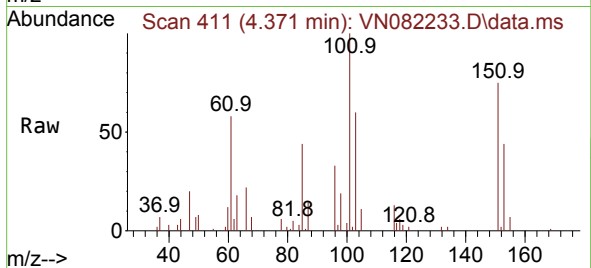




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.738 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082233.D
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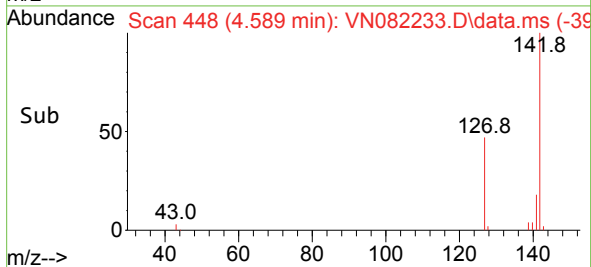
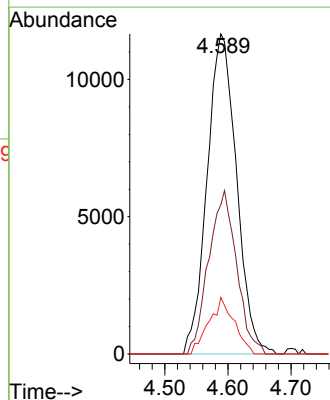
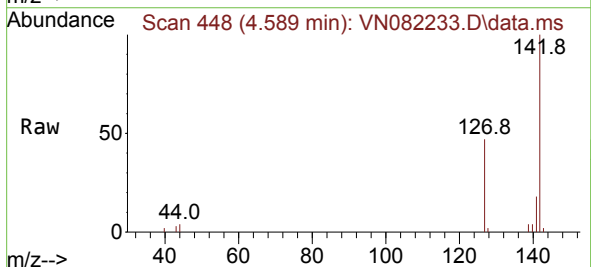
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

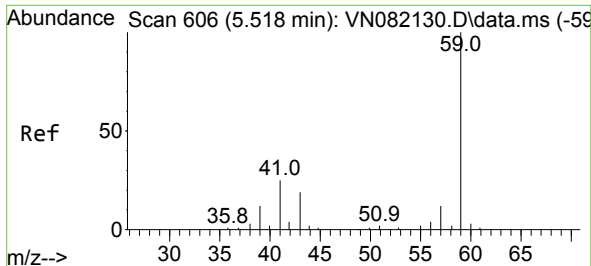
Tgt Ion:101 Resp: 42139
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 72.0 59.2 88.8



#10
Methyl Iodide
Concen: 17.588 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:142 Resp: 37749
Ion Ratio Lower Upper
142 100
127 46.6 35.8 53.6
141 17.6 11.4 17.2#

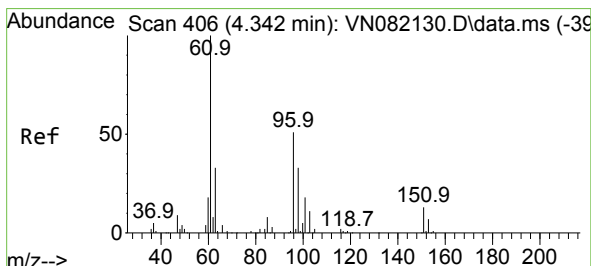
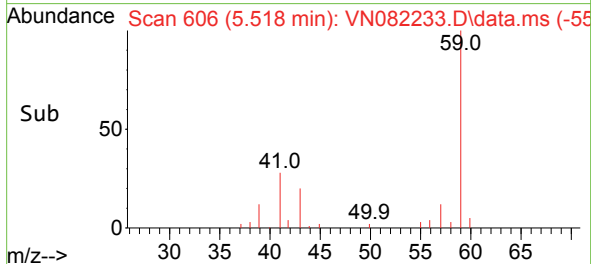
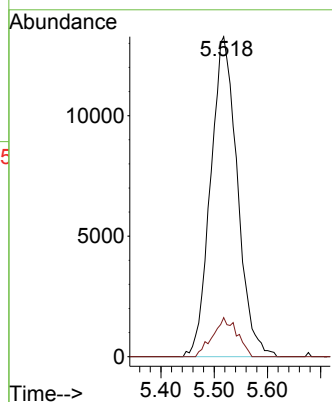
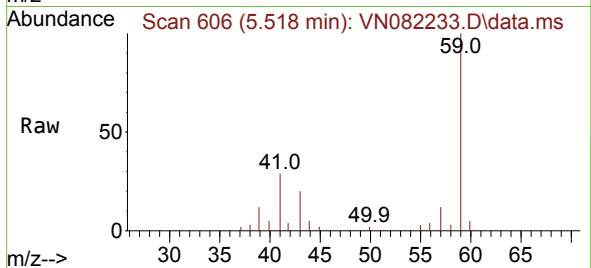




#11
Tert butyl alcohol
Concen: 100.432 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

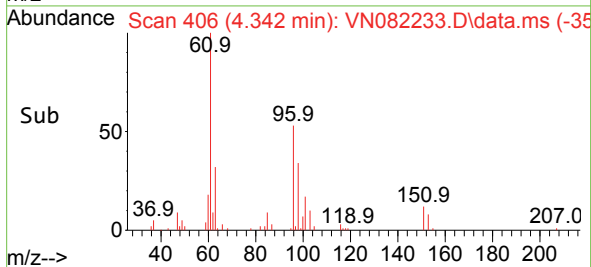
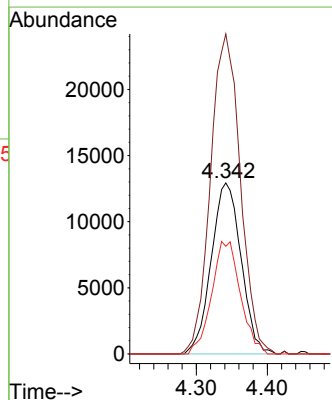
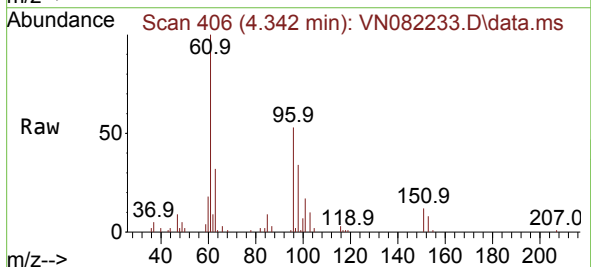
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

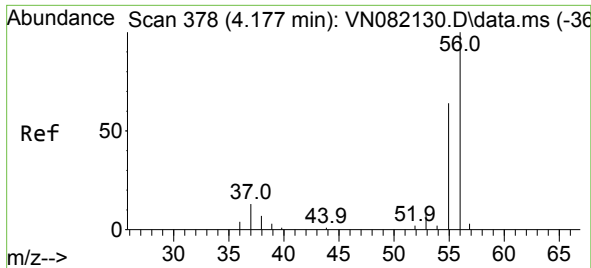
Tgt Ion: 59 Resp: 46254
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 18.987 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 96 Resp: 37678
Ion Ratio Lower Upper
96 100
61 187.1 119.7 179.5#
98 62.9 49.6 74.4

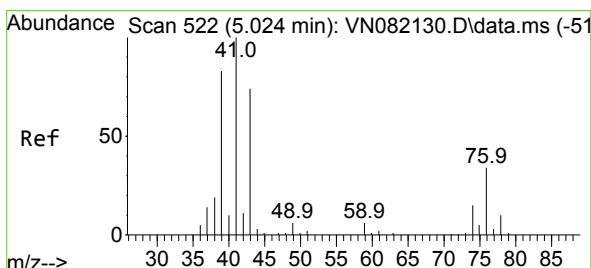
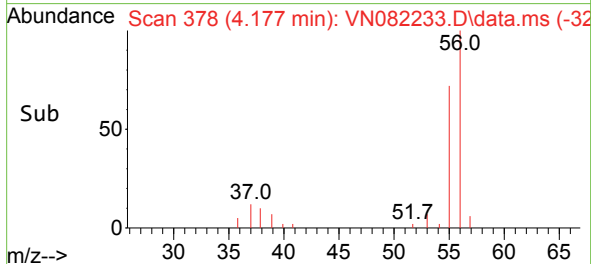
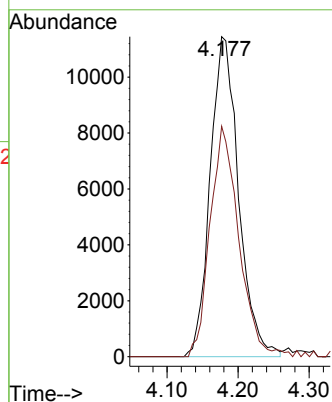
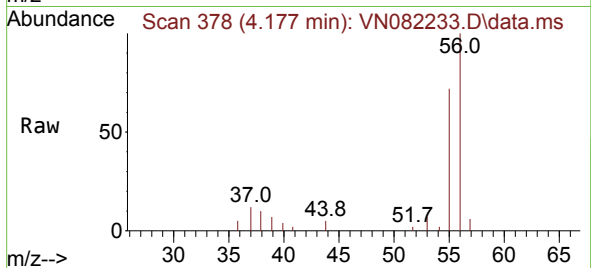




#13
Acrolein
Concen: 93.025 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

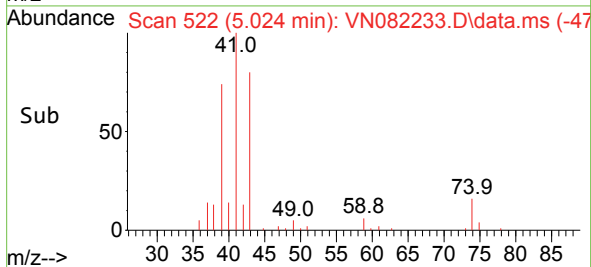
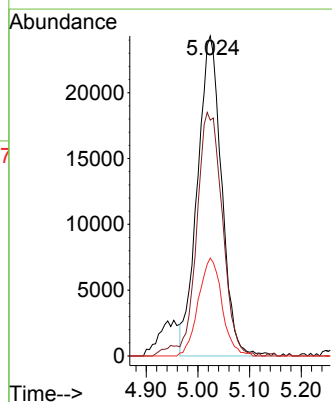
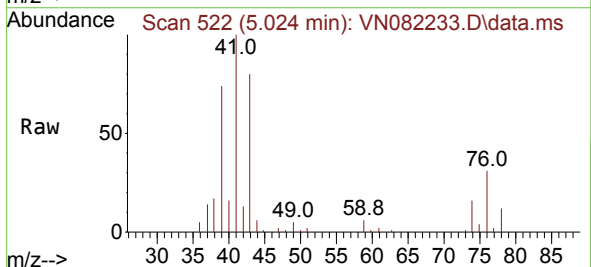
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

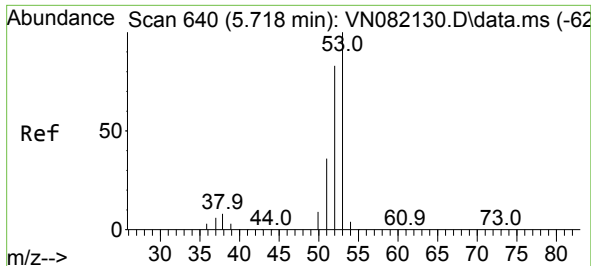
Tgt Ion: 56 Resp: 31748
Ion Ratio Lower Upper
56 100
55 73.0 55.8 83.8



#14
Allyl chloride
Concen: 18.570 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 41 Resp: 78896
Ion Ratio Lower Upper
41 100
39 81.7 65.4 98.0
76 30.0 37.3 55.9#

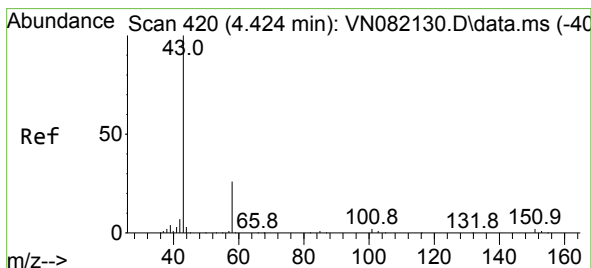
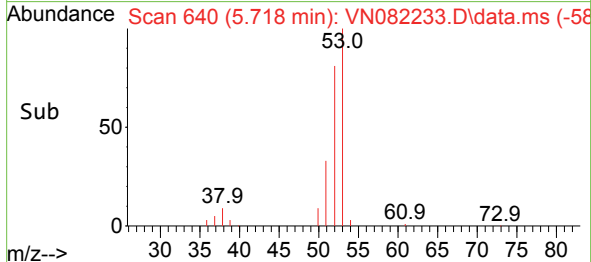
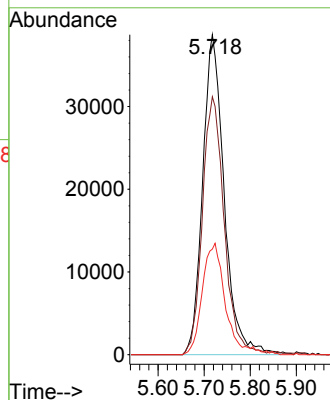
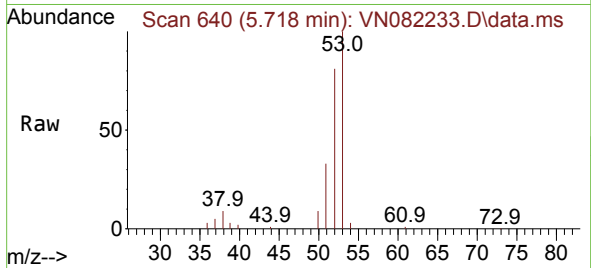




#15
Acrylonitrile
Concen: 105.569 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

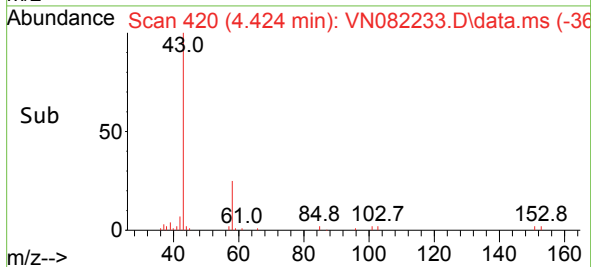
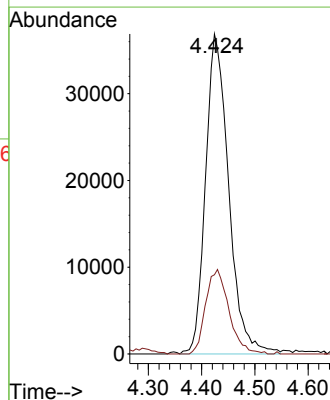
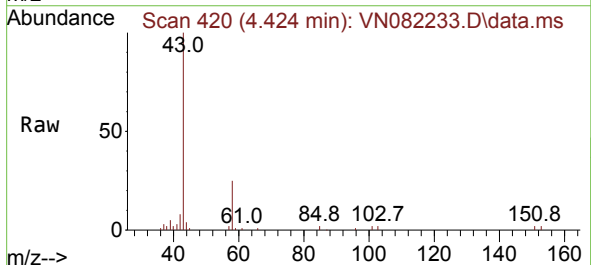
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

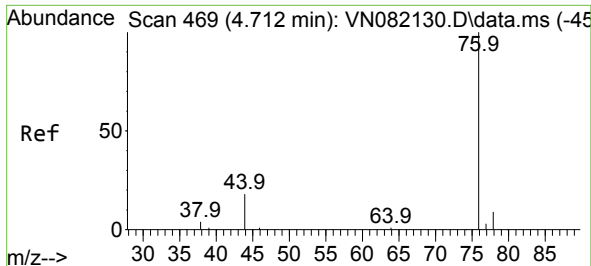
Tgt Ion: 53 Resp: 125920
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 37.1 29.4 44.2



#16
Acetone
Concen: 94.435 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 43 Resp: 111145
Ion Ratio Lower Upper
43 100
58 24.8 25.2 37.8#

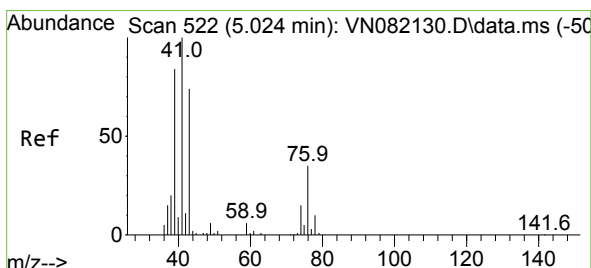
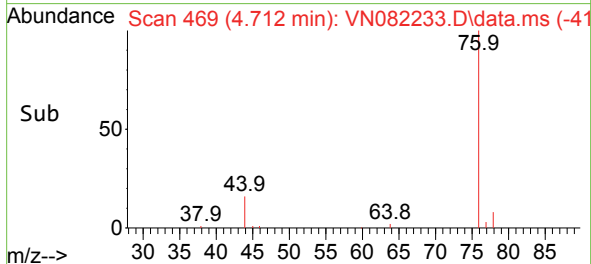
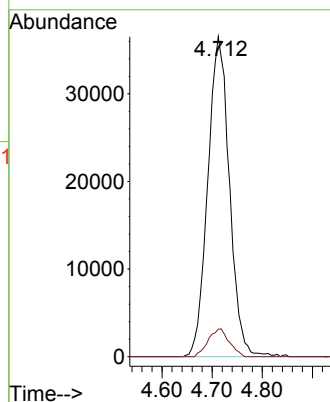
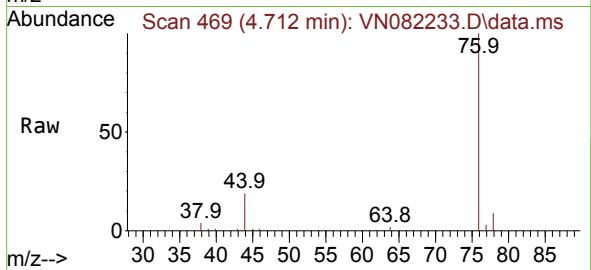




#17
Carbon Disulfide
Concen: 17.106 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

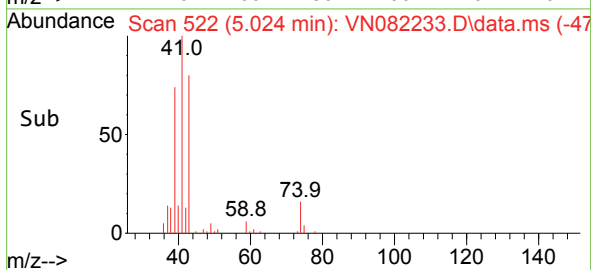
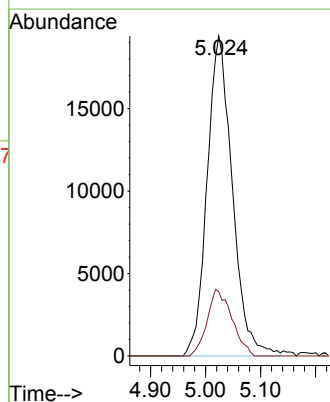
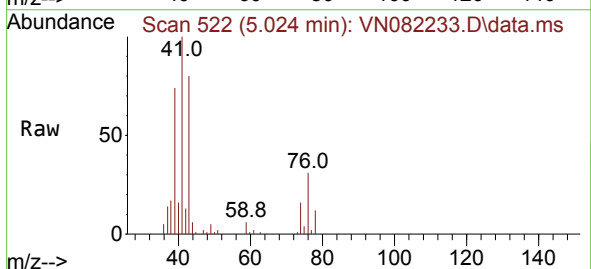
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

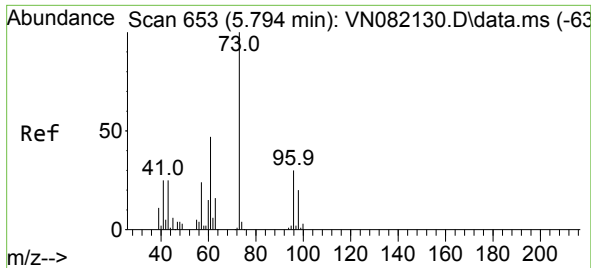
Tgt Ion: 76 Resp: 109636
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 21.106 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 43 Resp: 61862
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#

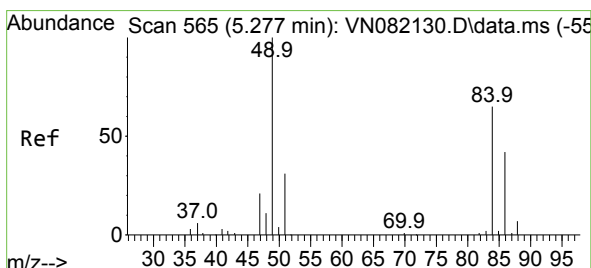
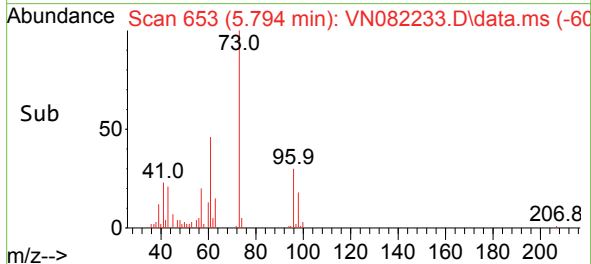
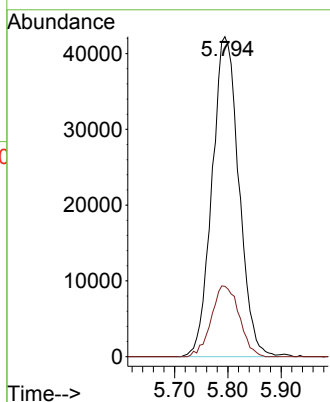
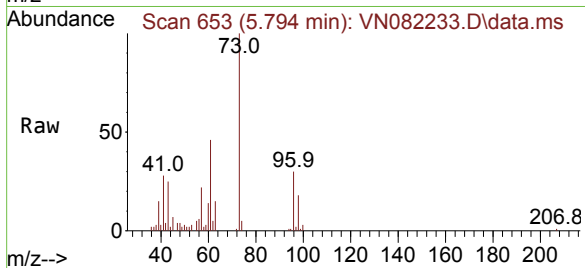




#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

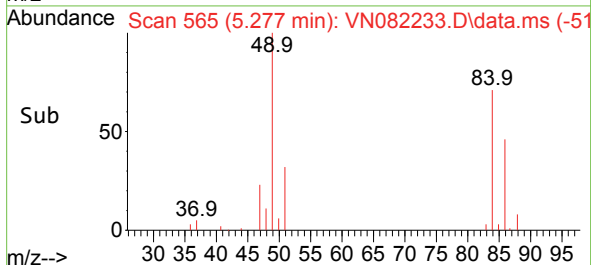
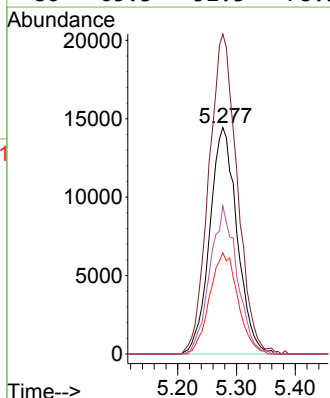
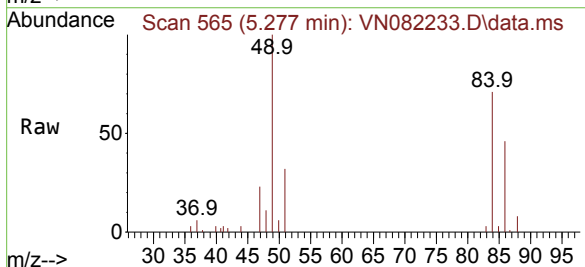
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

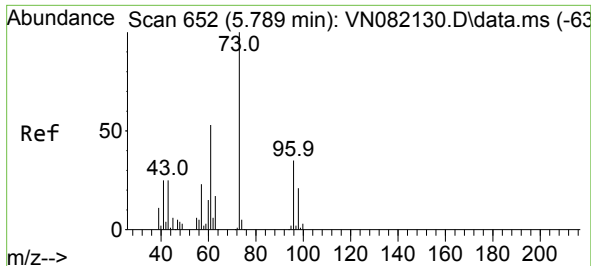
Tgt Ion: 73 Resp: 147648
Ion Ratio Lower Upper
73 100
57 22.0 16.5 24.7



#20
Methylene Chloride
Concen: 19.661 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 84 Resp: 46688
Ion Ratio Lower Upper
84 100
49 141.3 84.9 127.3#
51 44.6 27.0 40.6#
86 65.3 52.3 78.5

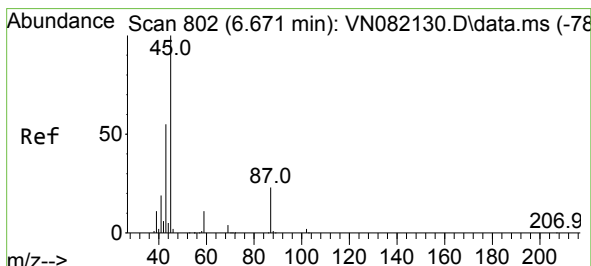
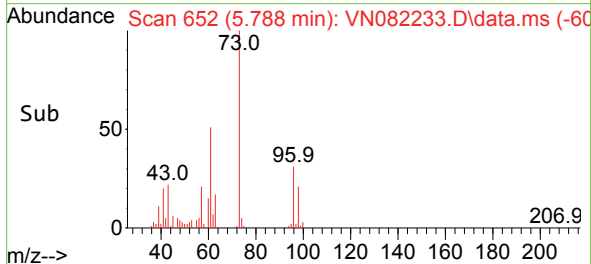
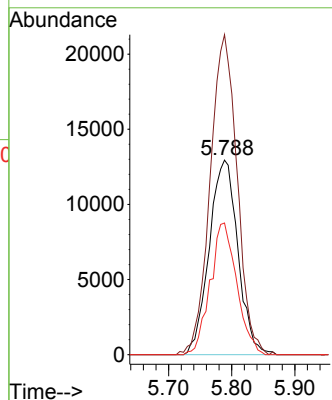
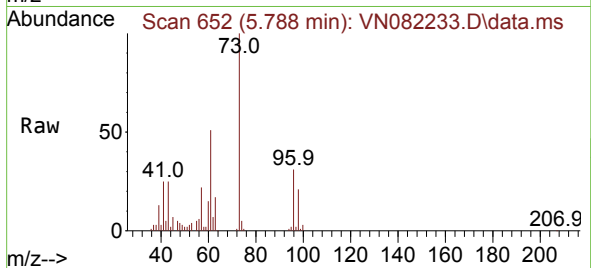




#21
trans-1,2-Dichloroethene
Concen: 18.888 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

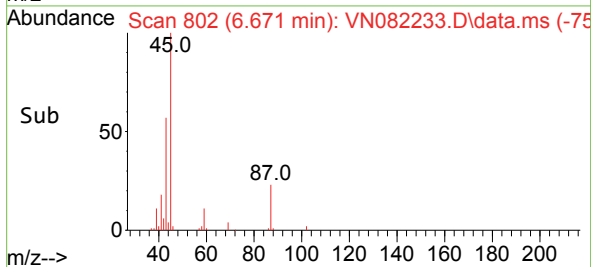
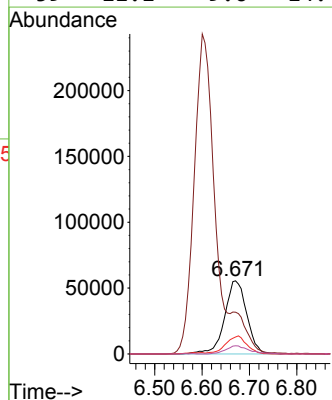
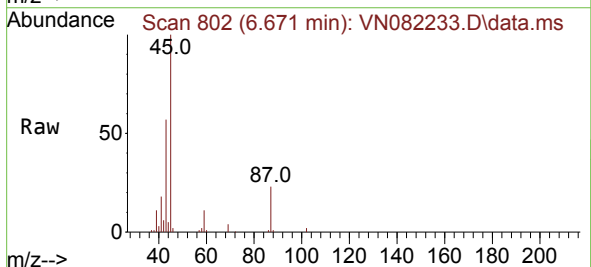
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

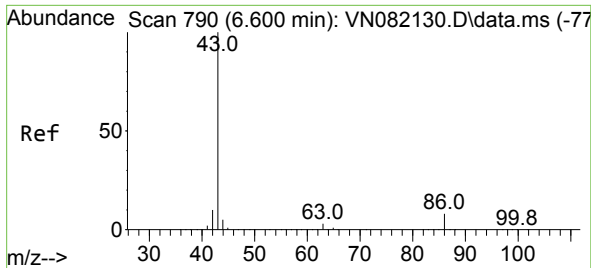
Tgt Ion: 96 Resp: 40845
Ion Ratio Lower Upper
96 100
61 164.5 96.5 144.7#
98 67.7 51.3 76.9



#22
Diisopropyl ether
Concen: 20.276 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 45 Resp: 179877
Ion Ratio Lower Upper
45 100
43 55.7 44.1 66.1
87 23.3 27.0 40.6#
59 11.1 9.6 14.4

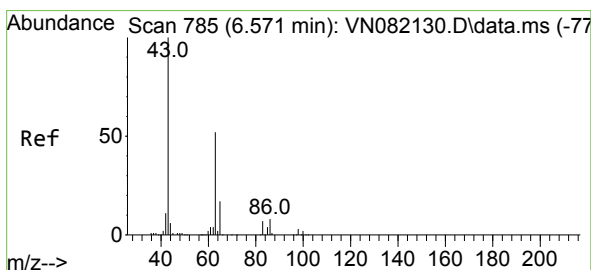
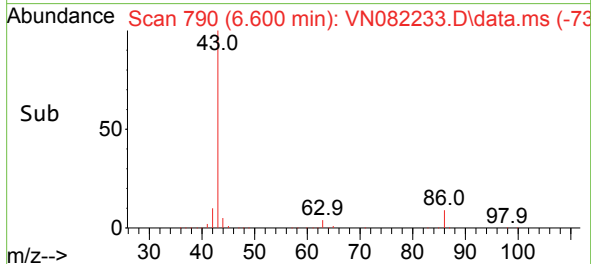
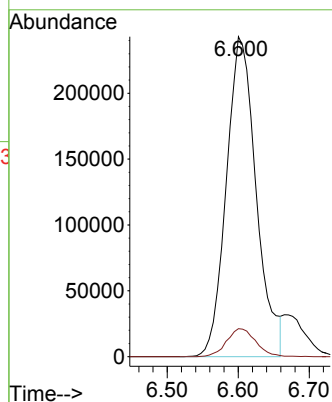
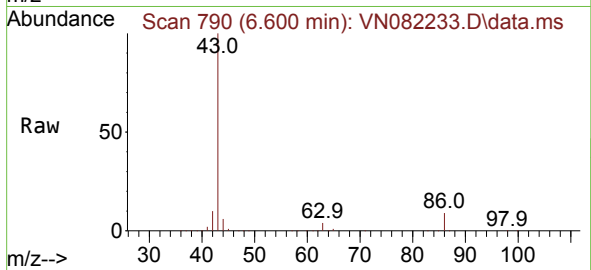




#23
 Vinyl Acetate
 Concen: 101.552 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

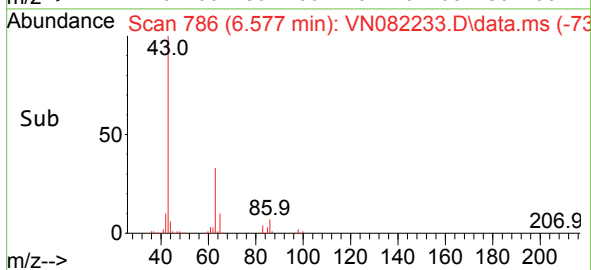
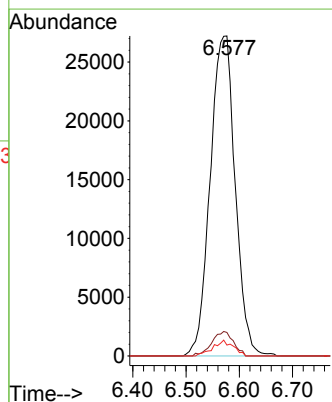
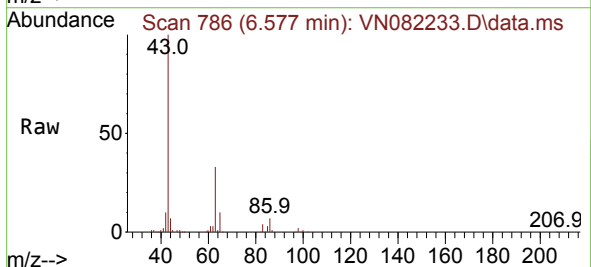
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

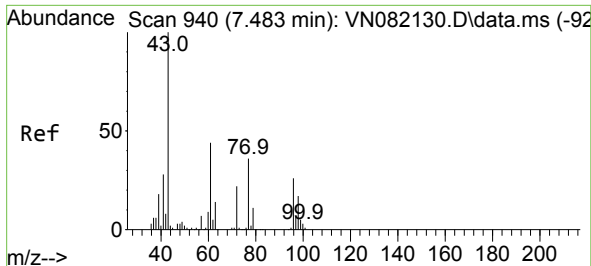
Tgt Ion: 43 Resp: 710311
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.402 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion: 63 Resp: 88720
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.4 2.6 7.8

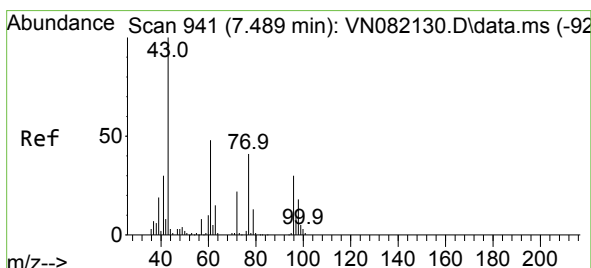
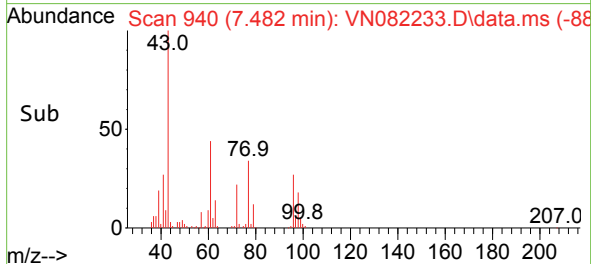
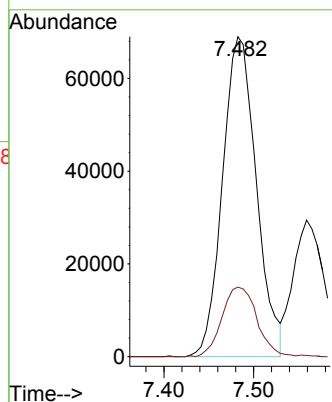
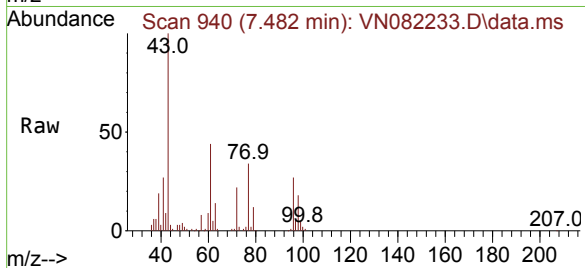




#25
2-Butanone
Concen: 101.186 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

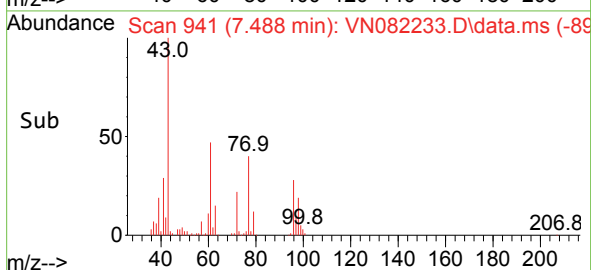
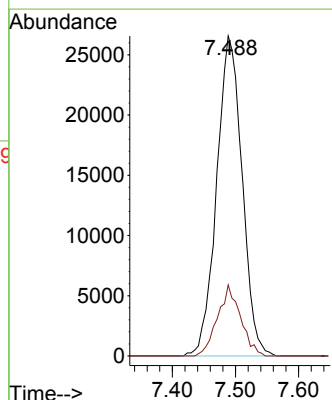
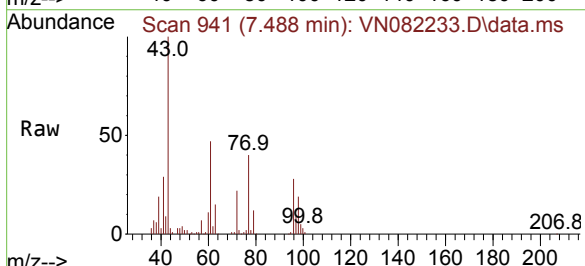
Instrument :
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ClientSampleId :
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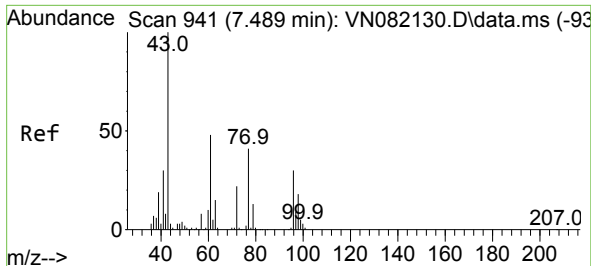
Tgt Ion: 43 Resp: 180560
Ion Ratio Lower Upper
43 100
72 21.7 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 19.385 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 77 Resp: 74243
Ion Ratio Lower Upper
77 100
97 20.0 11.3 33.9

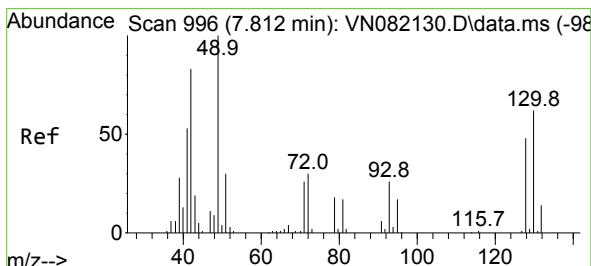
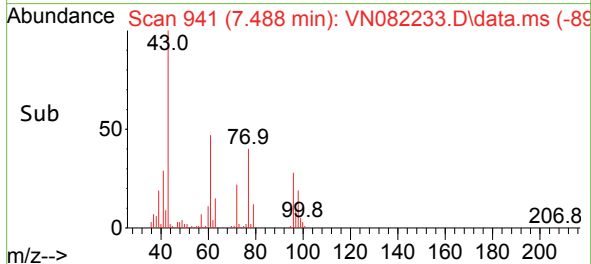
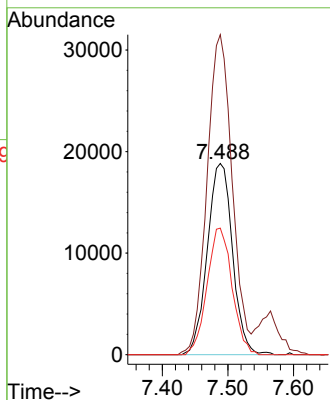
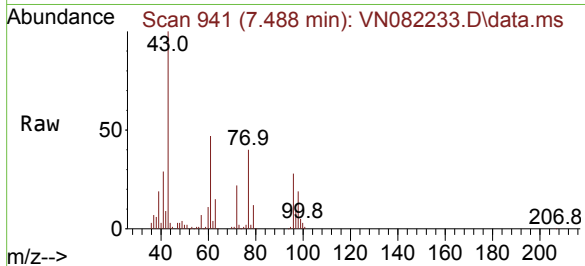




#27
 cis-1,2-Dichloroethene
 Concen: 19.706 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

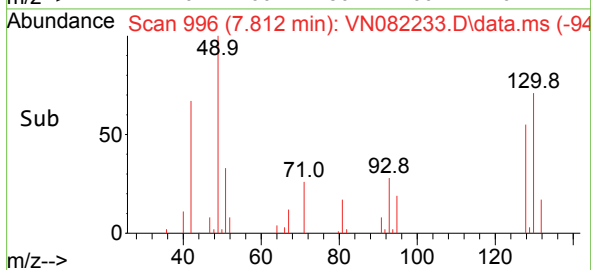
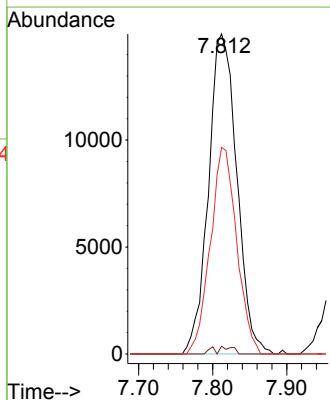
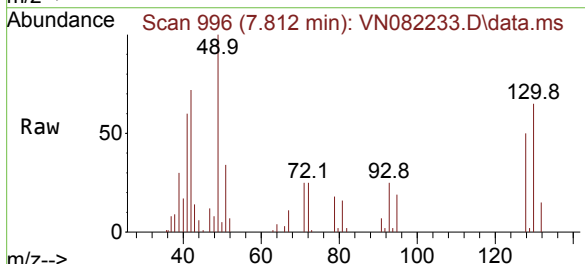
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

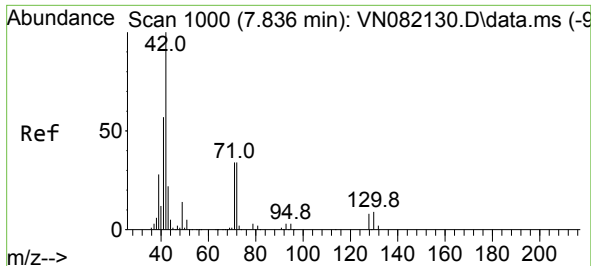
Tgt Ion: 96 Resp: 50292
 Ion Ratio Lower Upper
 96 100
 61 166.9 0.0 268.0
 98 65.7 0.0 126.8



#28
 Bromochloromethane
 Concen: 19.407 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion: 49 Resp: 39773
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 59.9 66.7 100.1#

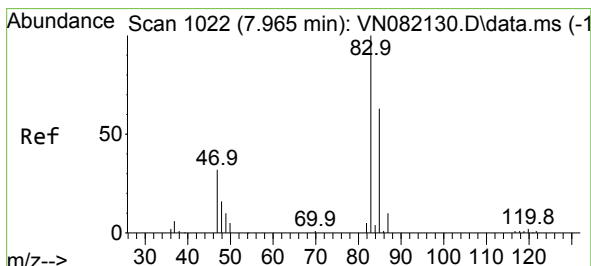
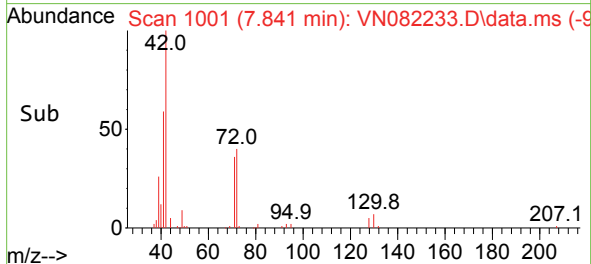
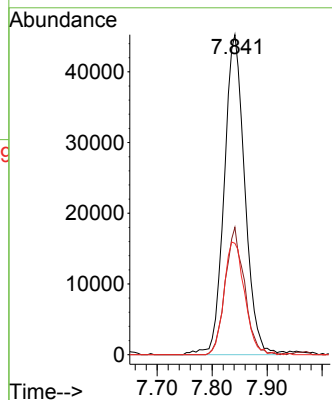
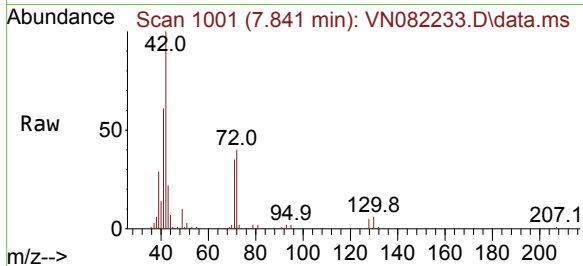




#29
Tetrahydrofuran
Concen: 102.633 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.005 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

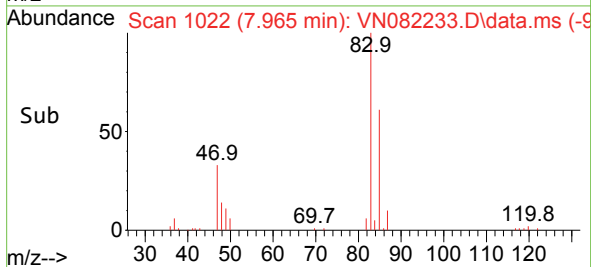
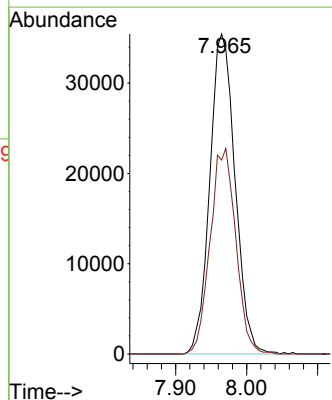
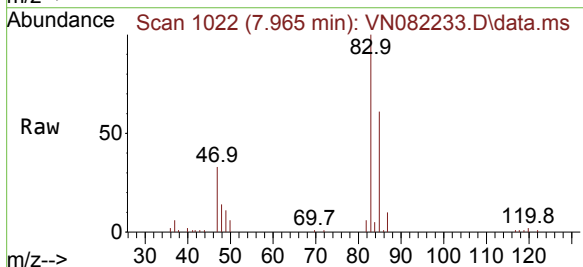
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

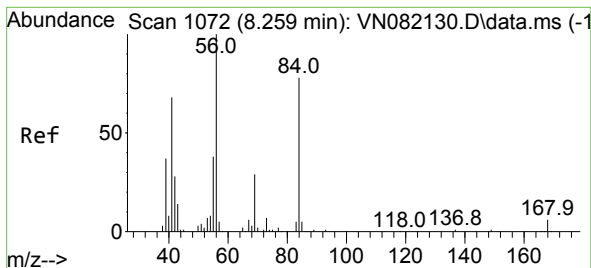
Tgt Ion: 42 Resp: 117587
Ion Ratio Lower Upper
42 100
72 37.2 39.3 58.9#
71 35.5 37.4 56.0#



#30
Chloroform
Concen: 20.051 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 83 Resp: 87554
Ion Ratio Lower Upper
83 100
85 60.6 50.7 76.1





#31

Cyclohexane

Concen: 18.102 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

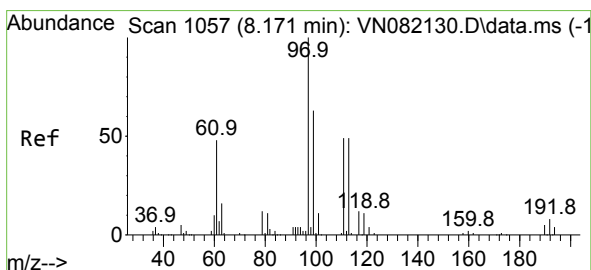
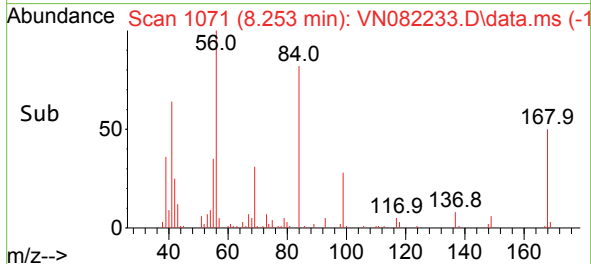
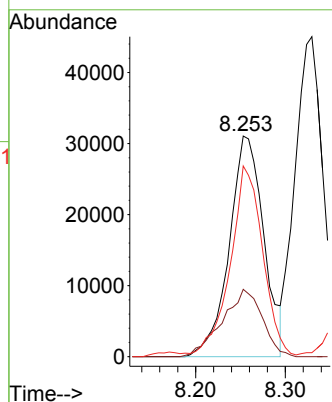
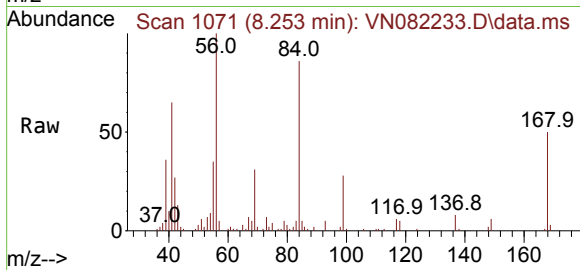
Tgt Ion: 56 Resp: 82951

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

84 85.0 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 19.296 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

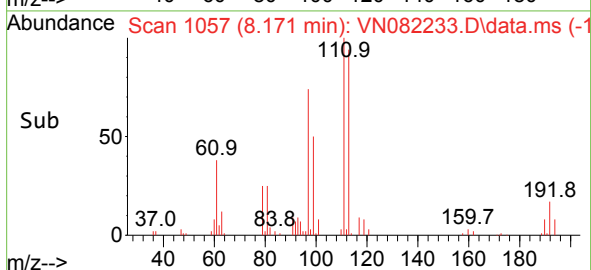
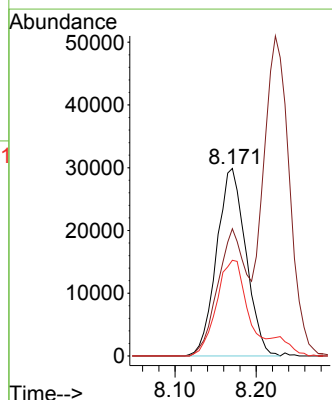
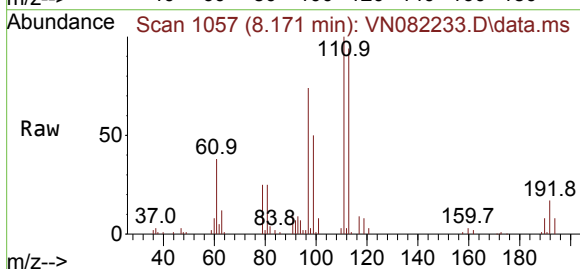
Tgt Ion: 97 Resp: 74750

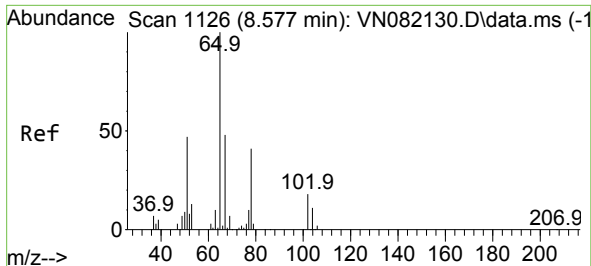
Ion Ratio Lower Upper

97 100

99 66.4 50.3 75.5

61 53.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.719 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

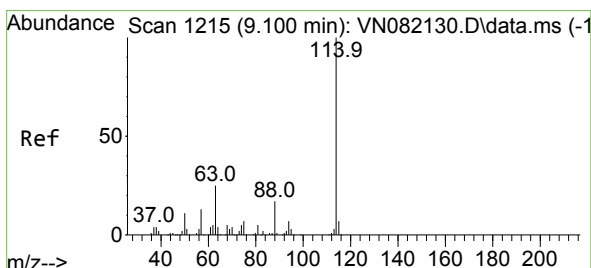
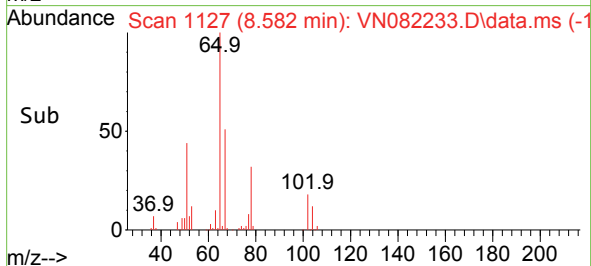
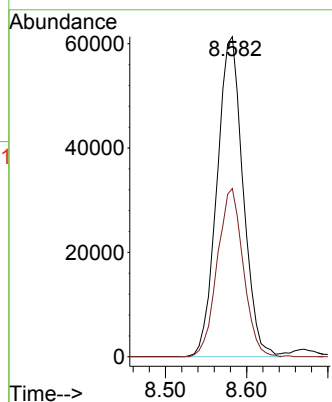
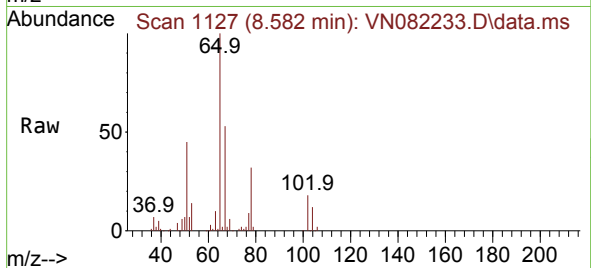
VN0521WBSD01

Tgt Ion: 65 Resp: 136910

Ion Ratio Lower Upper

65 100

67 52.4 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: VN082233.D

Acq: 21 May 2024 12:16

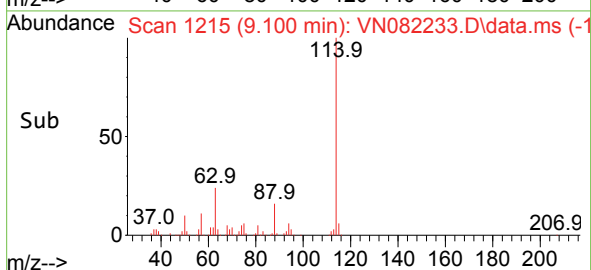
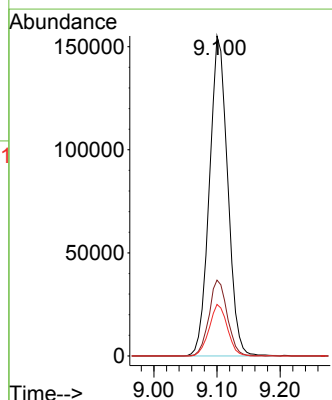
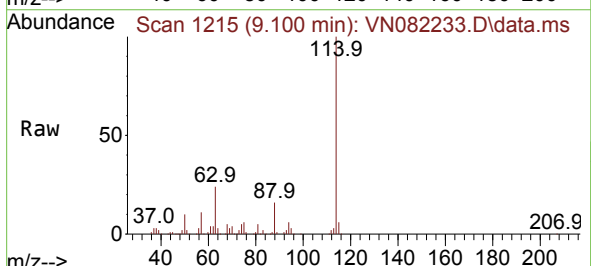
Tgt Ion: 114 Resp: 311167

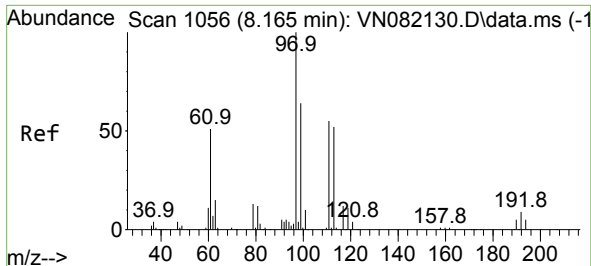
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.1 0.0 31.4

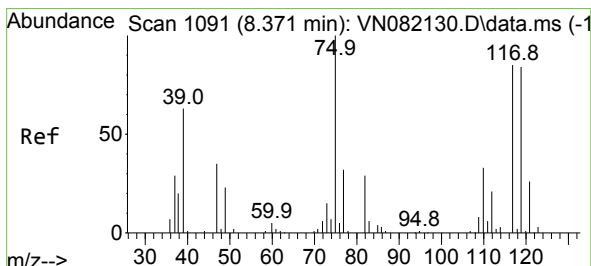
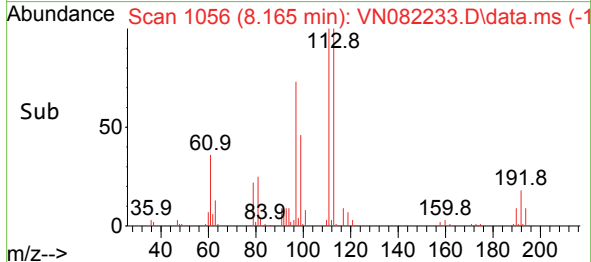
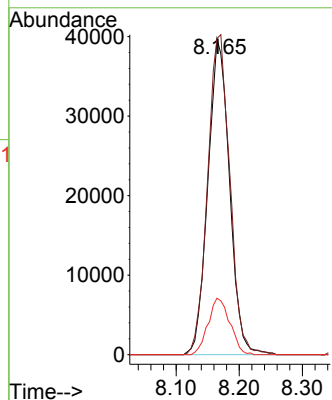
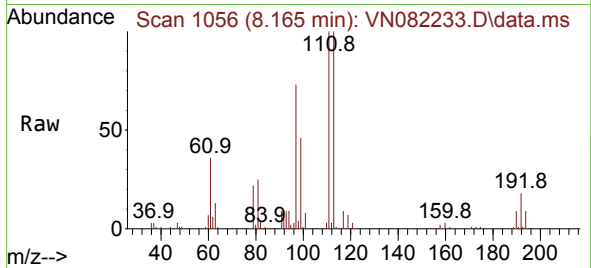




#35
Dibromofluoromethane
Concen: 49.200 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

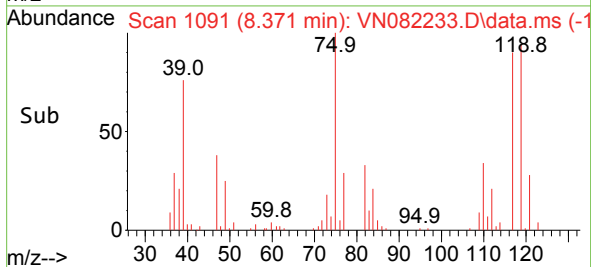
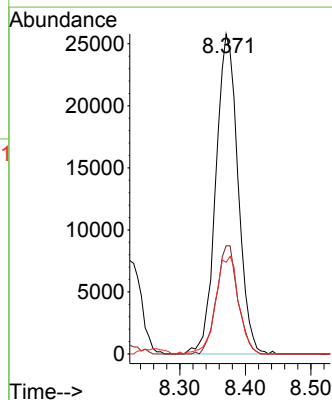
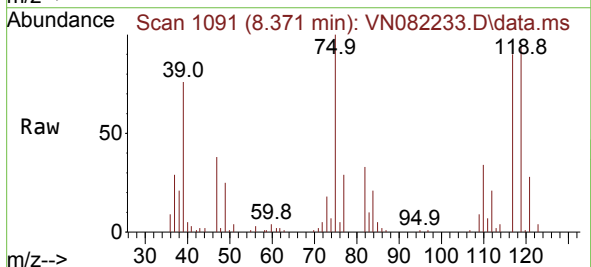
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

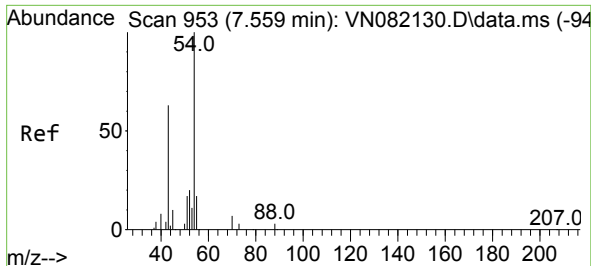
Tgt Ion:113 Resp: 94177
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.2
192 18.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.795 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 75 Resp: 60337
Ion Ratio Lower Upper
75 100
110 32.4 17.8 53.5
77 31.9 25.0 37.4

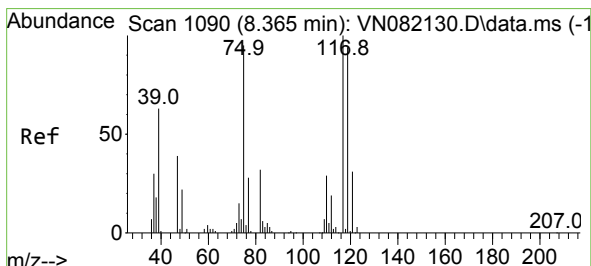
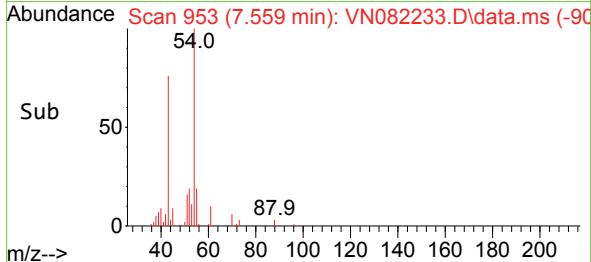
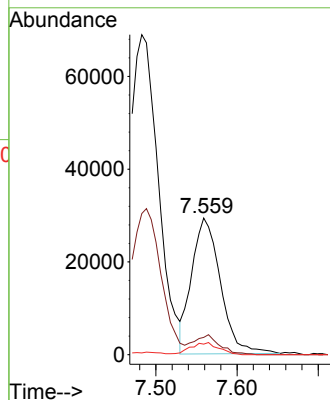
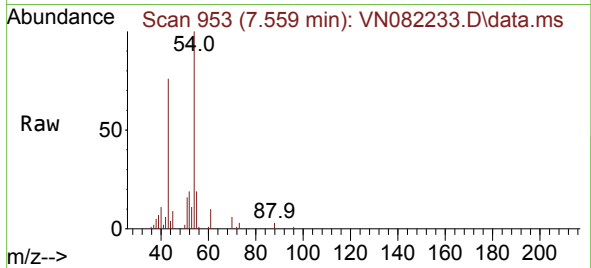




#37
Ethyl Acetate
Concen: 20.119 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

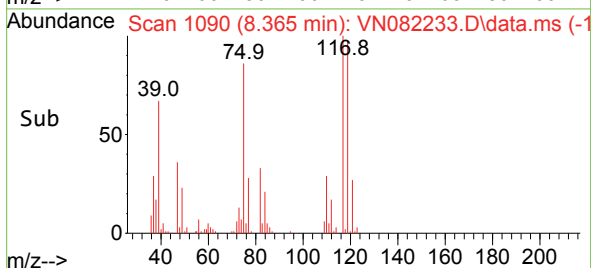
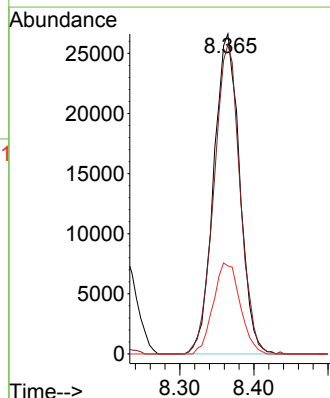
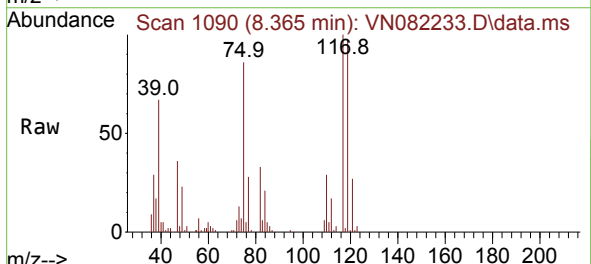
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

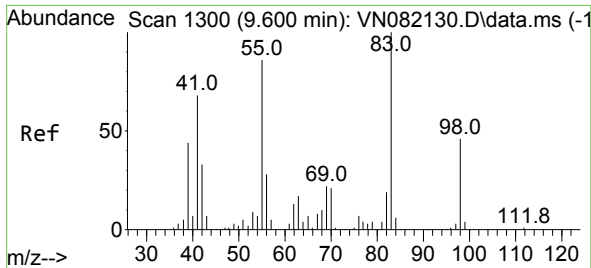
Tgt Ion: 43 Resp: 72282
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 19.850 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 117 Resp: 64599
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 27.5 23.9 35.9

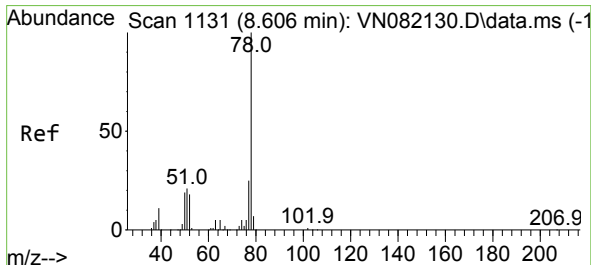
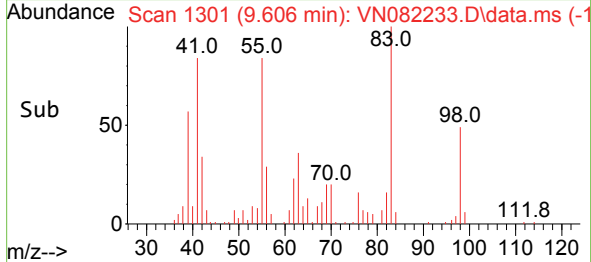
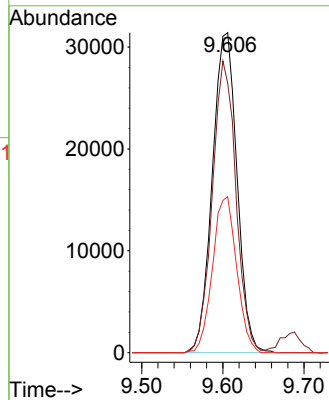
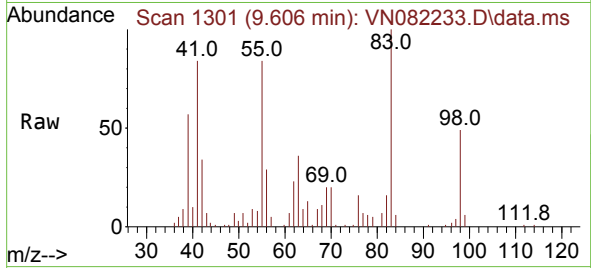




#39
Methylcyclohexane
Concen: 18.848 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

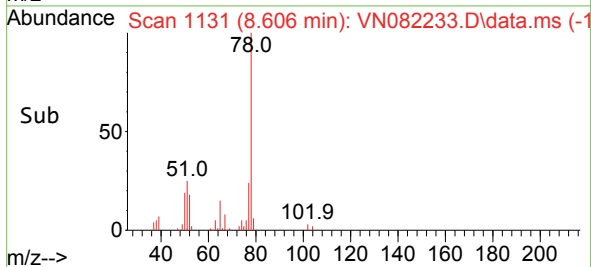
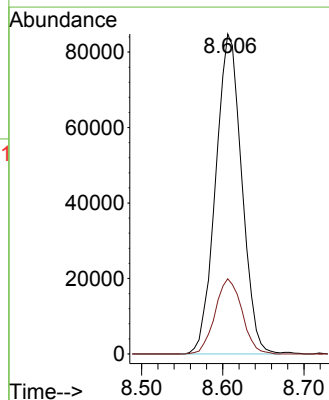
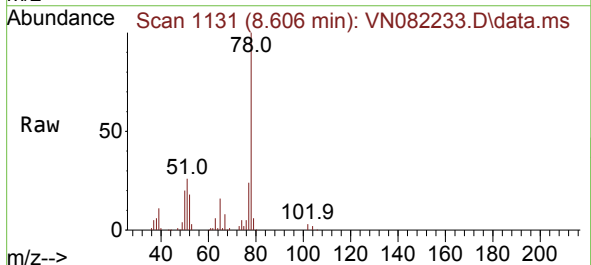
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

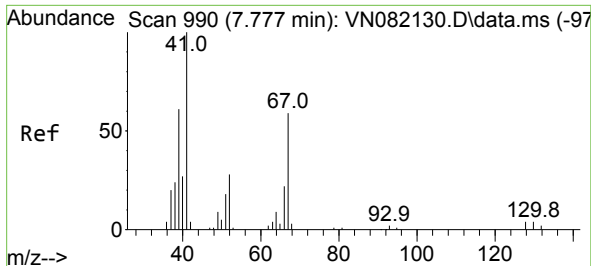
Tgt Ion: 83 Resp: 66326
Ion Ratio Lower Upper
83 100
55 84.2 53.0 79.6#
98 48.7 37.1 55.7



#40
Benzene
Concen: 19.804 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 78 Resp: 189587
Ion Ratio Lower Upper
78 100
77 23.5 20.0 30.0

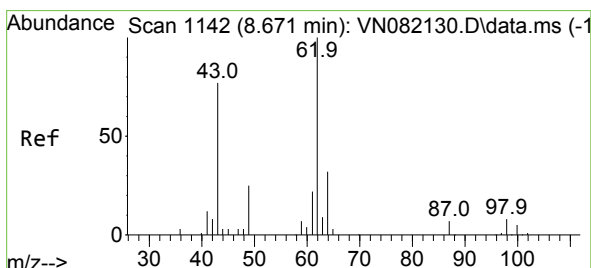
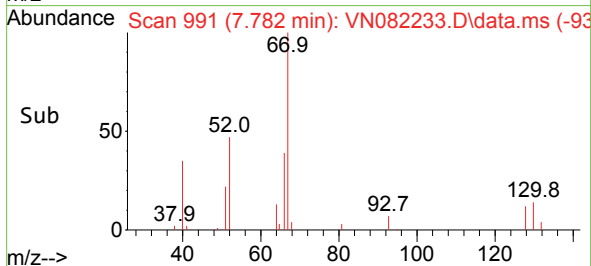
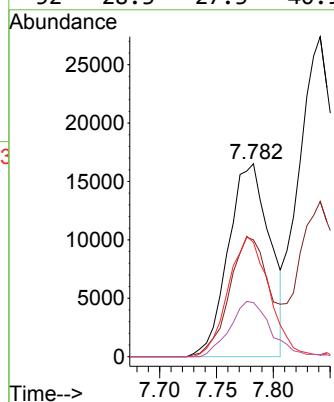
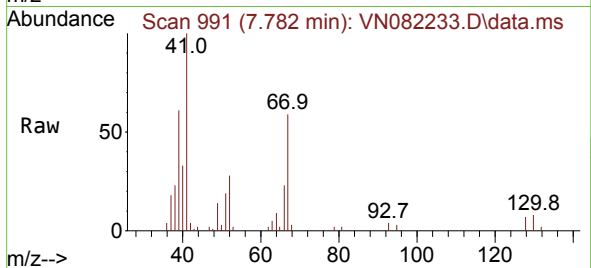




#41
Methacrylonitrile
Concen: 19.917 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

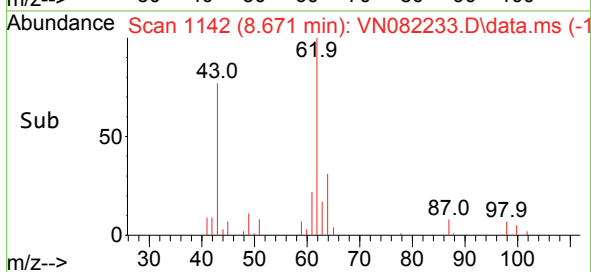
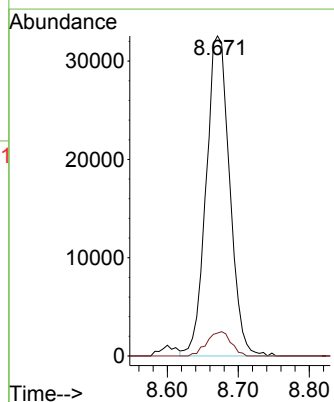
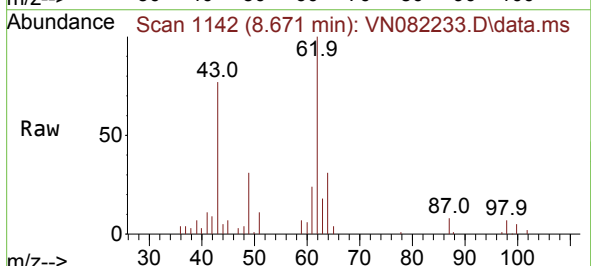
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

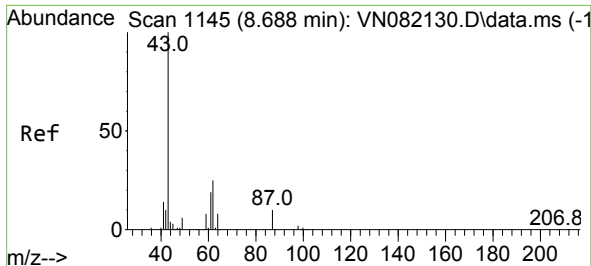
Tgt Ion:	41	Resp:	42084
Ion	Ratio	Lower	Upper
41	100		
39	59.7	46.6	69.8
67	61.6	67.3	100.9
52	28.3	27.3	40.9



#42
1,2-Dichloroethane
Concen: 20.394 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:	62	Resp:	75090
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	19.6

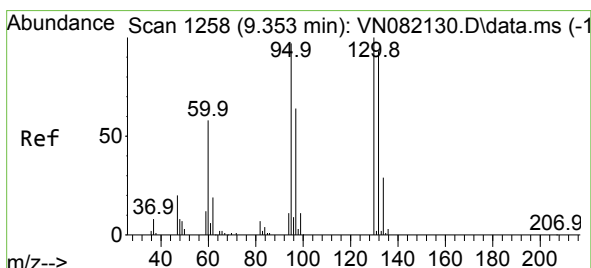
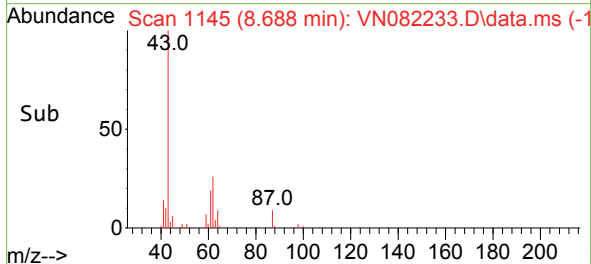
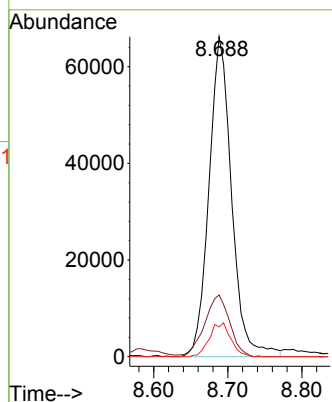
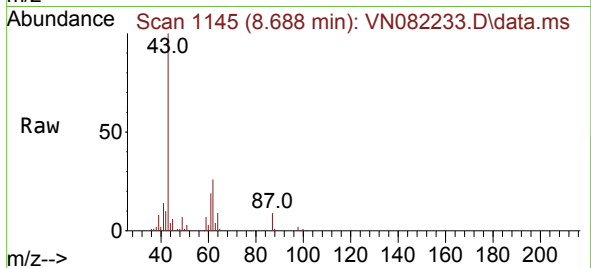




#43
Isopropyl Acetate
Concen: 22.033 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

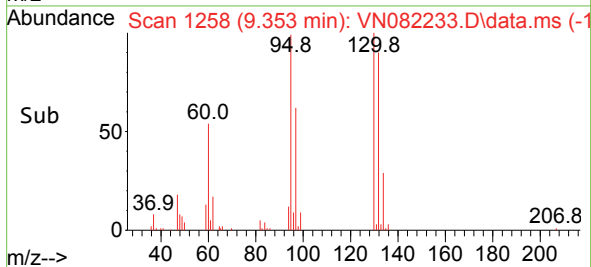
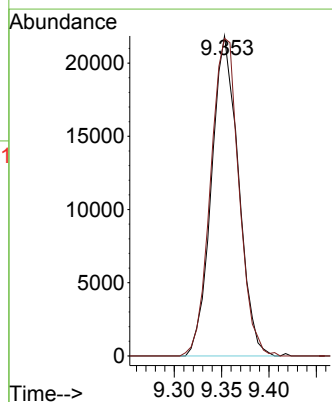
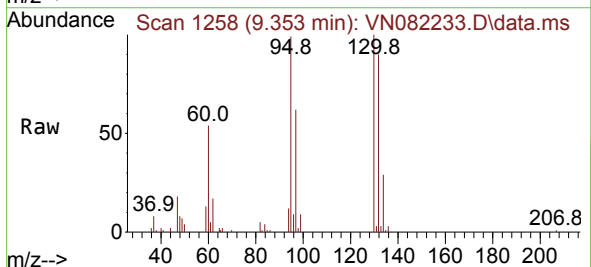
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

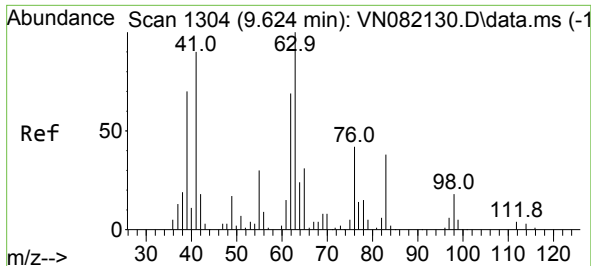
Tgt Ion: 43 Resp: 140264
Ion Ratio Lower Upper
43 100
61 21.5 22.8 34.2#
87 10.0 12.0 18.0#



#44
Trichloroethene
Concen: 19.932 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:130 Resp: 43345
Ion Ratio Lower Upper
130 100
95 99.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.042 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

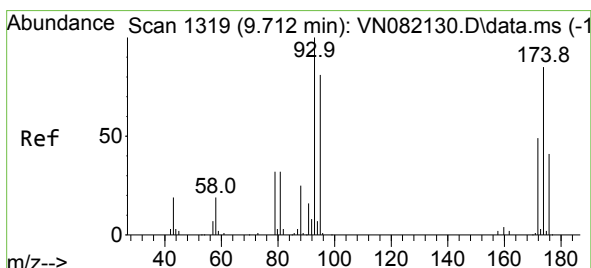
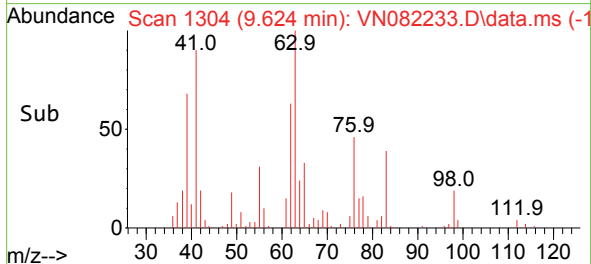
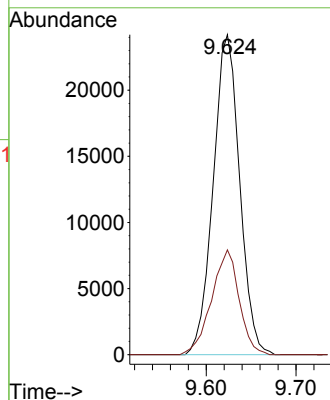
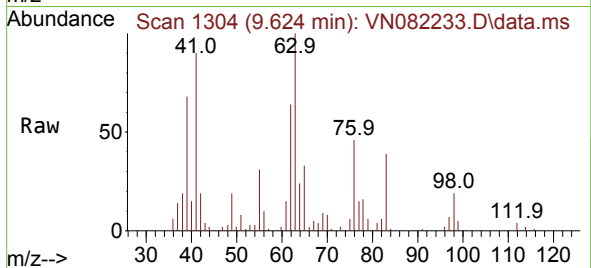
VN0521WBSD01

Tgt Ion: 63 Resp: 49505

Ion Ratio Lower Upper

63 100

65 32.8 24.1 36.1



#46

Dibromomethane

Concen: 20.606 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

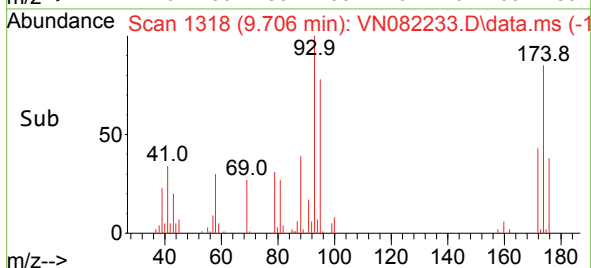
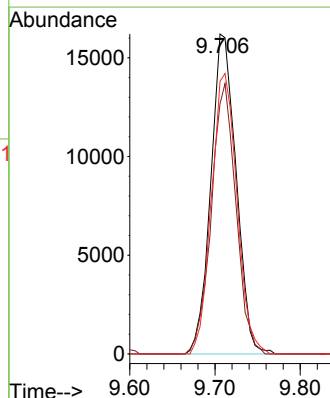
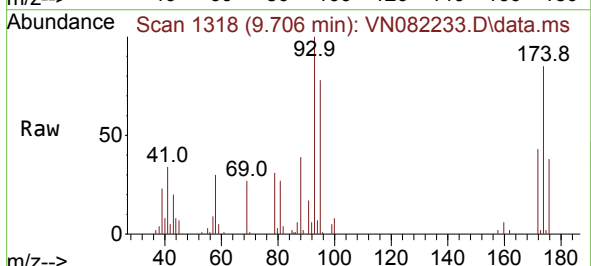
Tgt Ion: 93 Resp: 33416

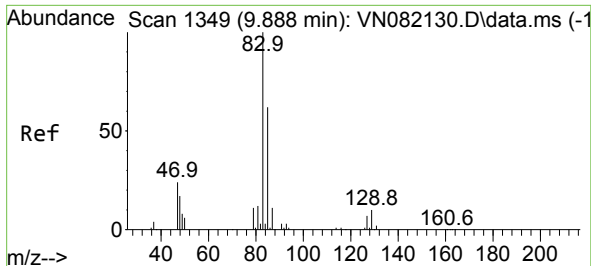
Ion Ratio Lower Upper

93 100

95 82.1 64.8 97.2

174 88.6 73.4 110.0

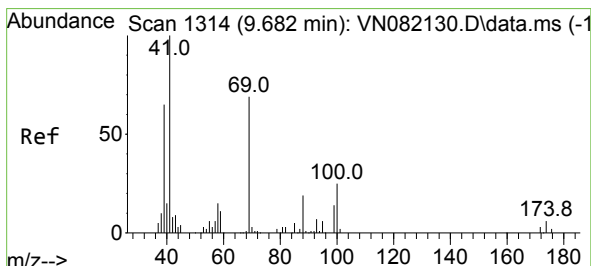
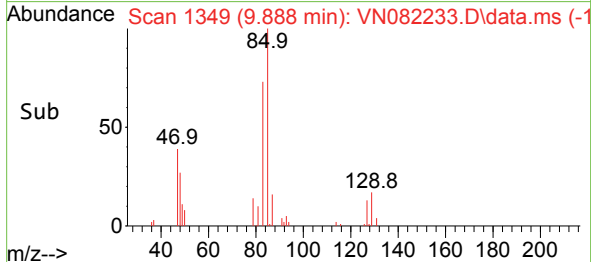
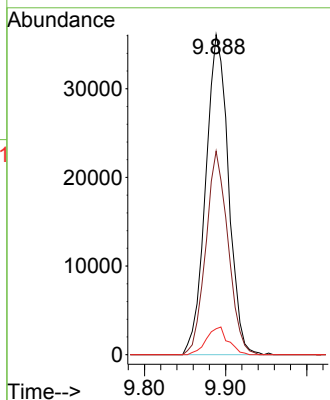
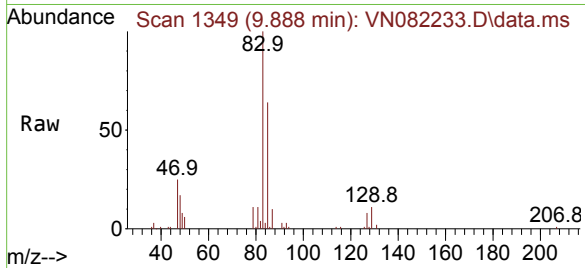




#47
Bromodichloromethane
Concen: 20.557 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

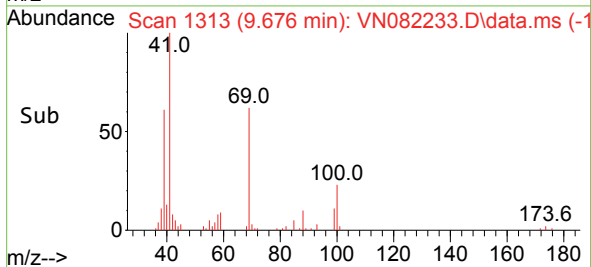
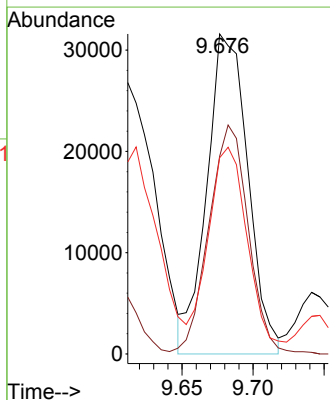
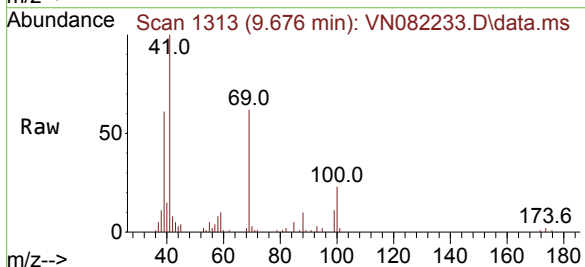
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

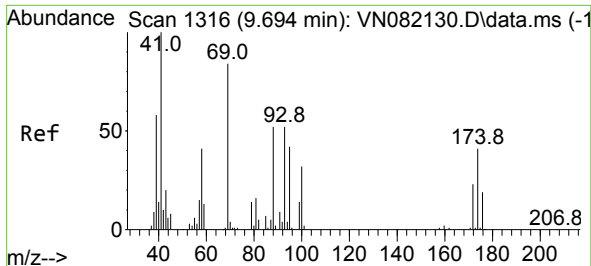
Tgt Ion: 83 Resp: 70375
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 8.1 7.5 11.3



#48
Methyl methacrylate
Concen: 20.951 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 41 Resp: 63554
Ion Ratio Lower Upper
41 100
69 69.0 77.9 116.9#
39 62.9 50.9 76.3





#49

1,4-Dioxane

Concen: 425.481 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

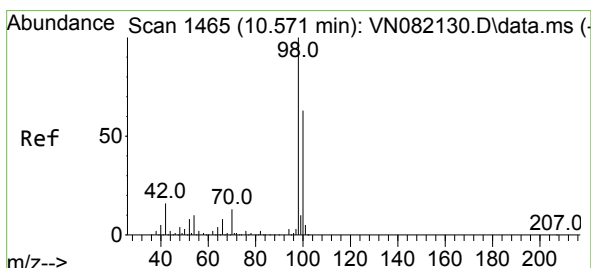
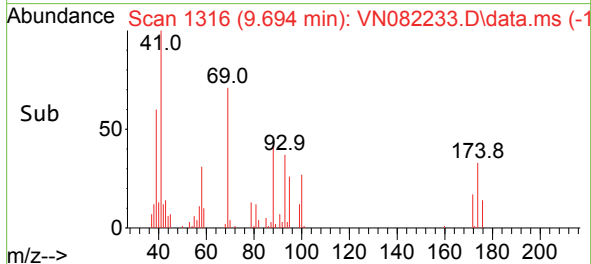
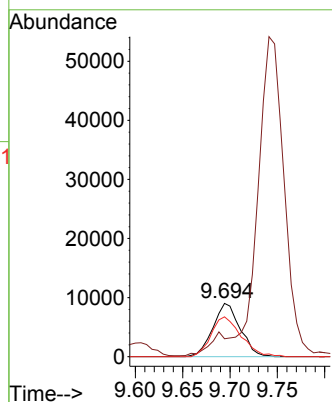
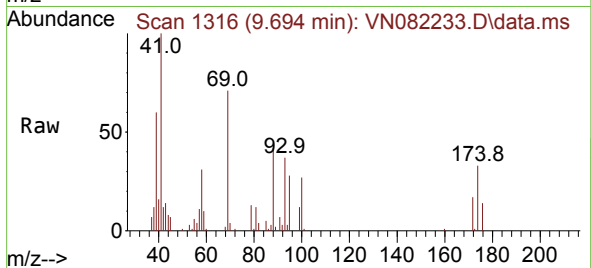
Tgt Ion: 88 Resp: 18086

Ion Ratio Lower Upper

88 100

43 32.6 19.0 28.6#

58 82.4 50.6 76.0#



#50

Toluene-d8

Concen: 47.424 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082233.D

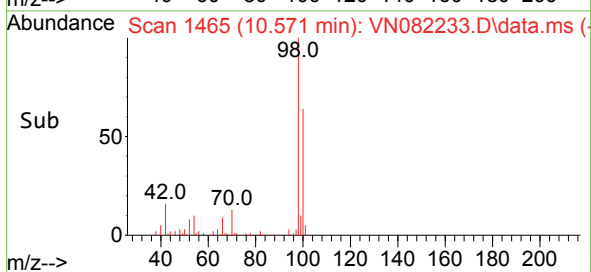
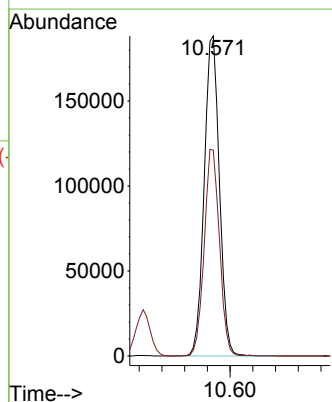
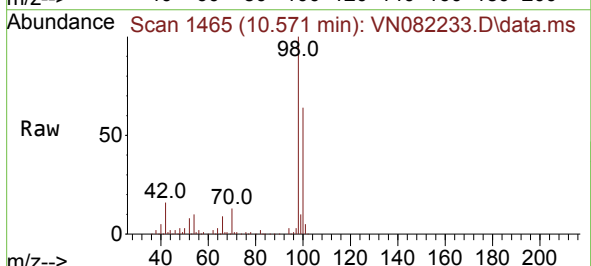
Acq: 21 May 2024 12:16

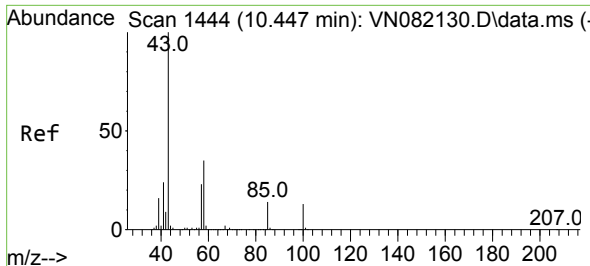
Tgt Ion: 98 Resp: 348035

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

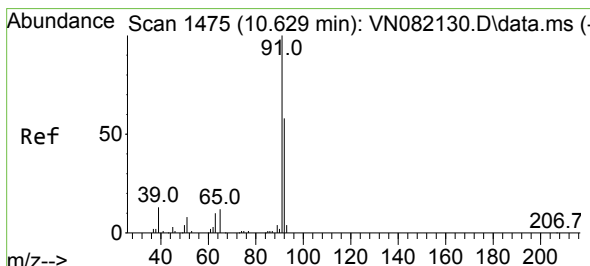
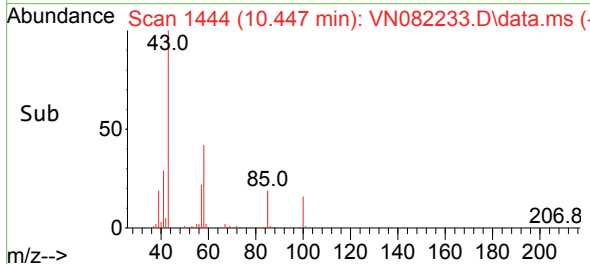
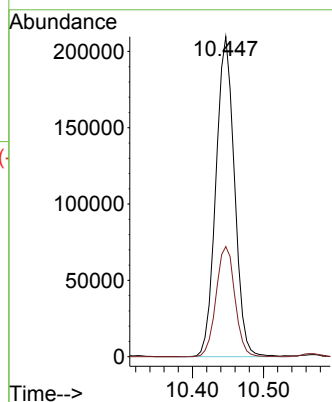
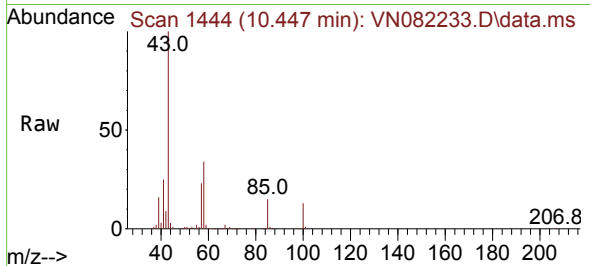




#51
4-Methyl-2-Pentanone
Concen: 104.785 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

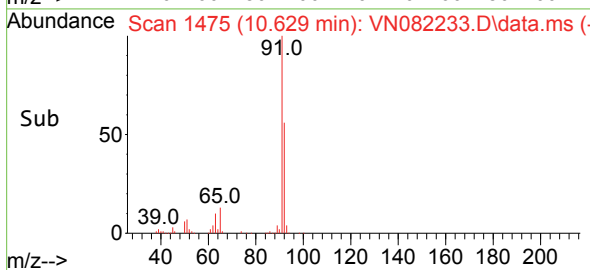
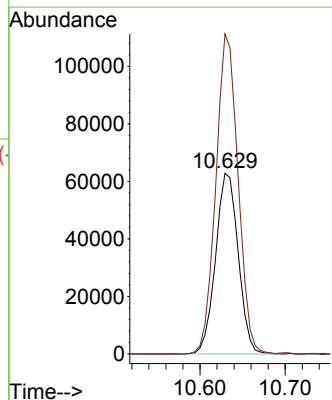
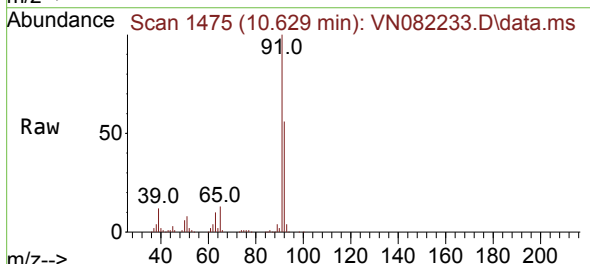
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

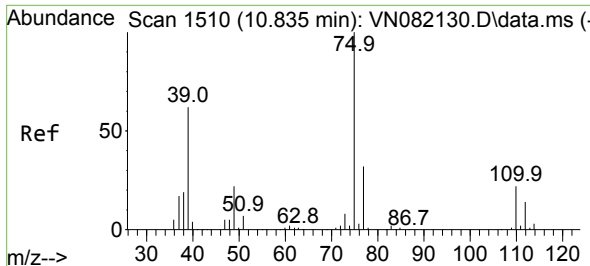
Tgt Ion: 43 Resp: 379010
Ion Ratio Lower Upper
43 100
58 35.0 33.2 49.8



#52
Toluene
Concen: 20.227 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 92 Resp: 116202
Ion Ratio Lower Upper
92 100
91 173.5 136.7 205.1

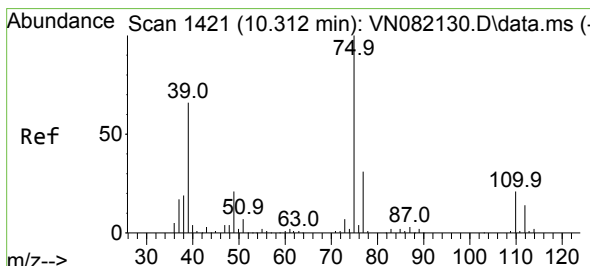
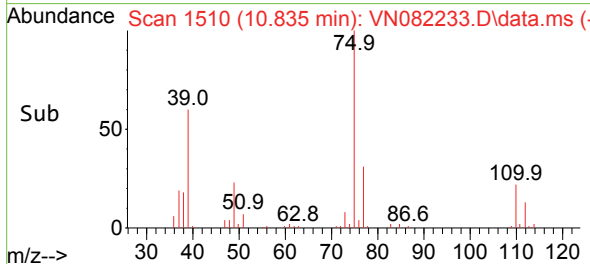
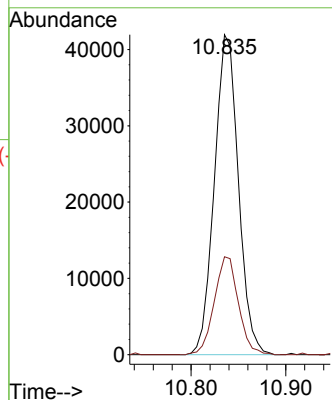
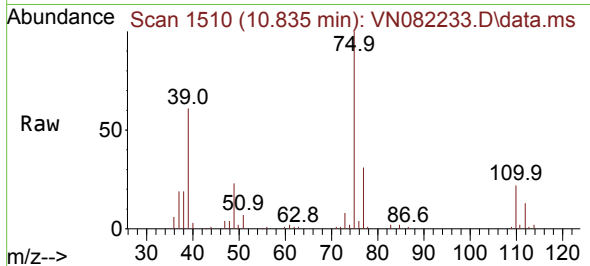




#53
 t-1,3-Dichloropropene
 Concen: 20.884 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

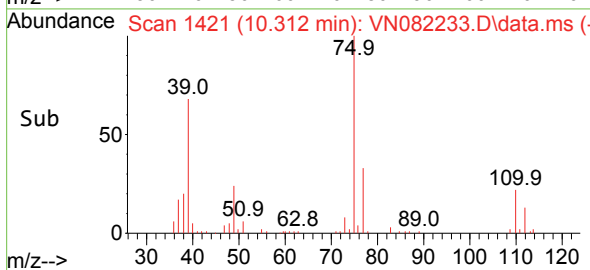
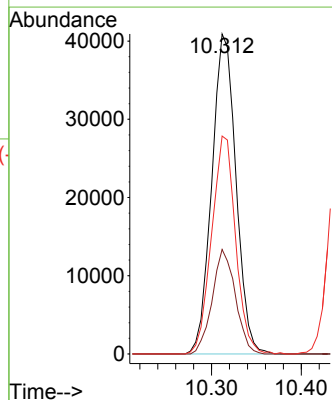
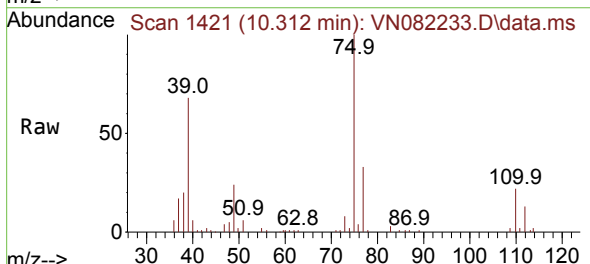
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

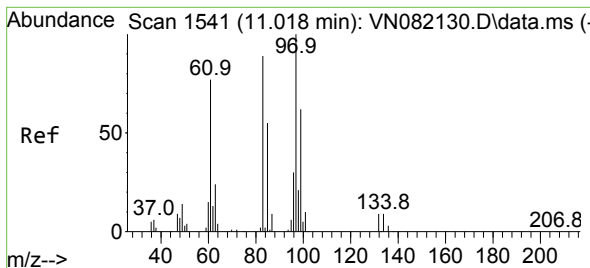
Tgt Ion: 75 Resp: 73943
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.420 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion: 75 Resp: 76529
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4
 39 68.1 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 20.664 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion: 97 Resp: 43142

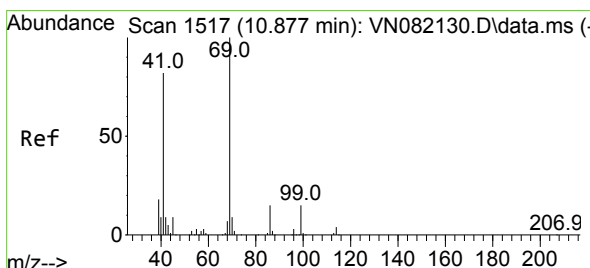
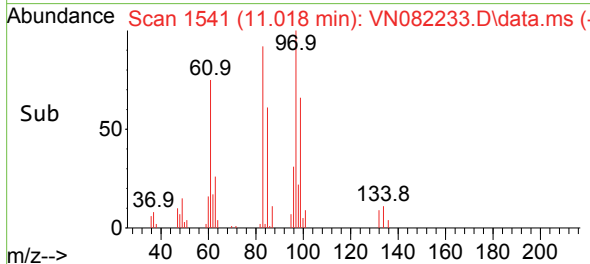
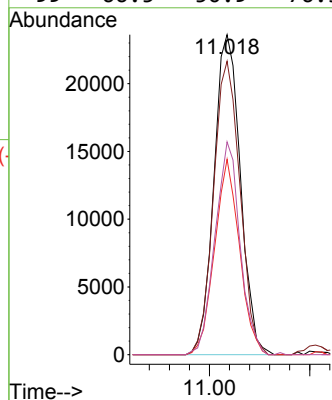
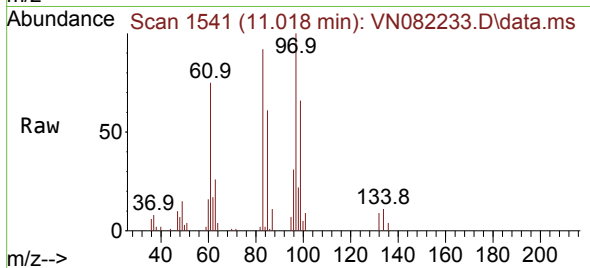
Ion Ratio Lower Upper

97 100

83 91.7 70.4 105.6

85 61.0 45.6 68.4

99 66.5 50.9 76.3



#56

Ethyl methacrylate

Concen: 20.544 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

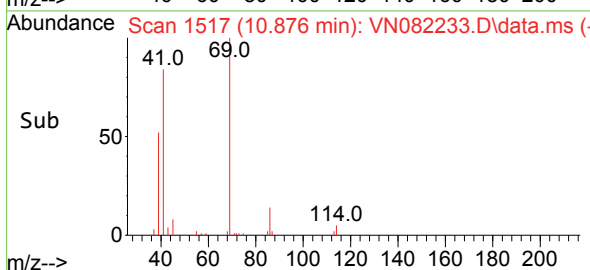
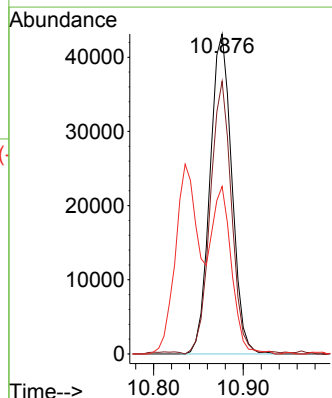
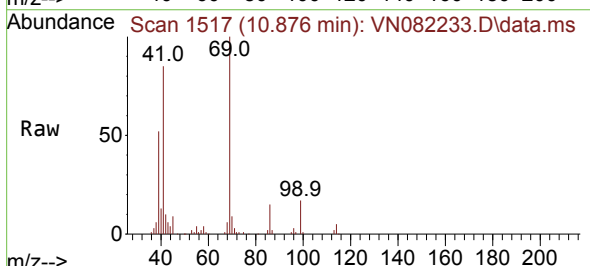
Tgt Ion: 69 Resp: 72821

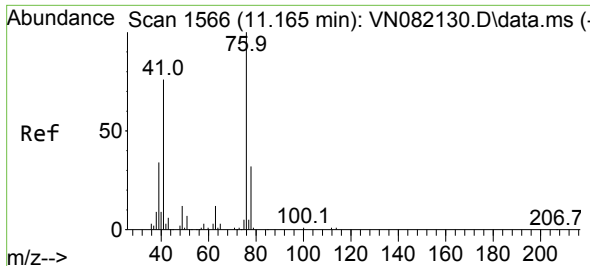
Ion Ratio Lower Upper

69 100

41 82.9 46.6 70.0#

39 46.9 26.5 39.7#

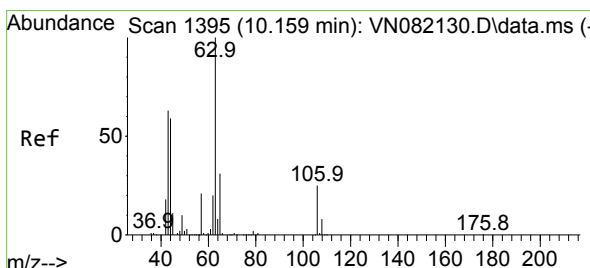
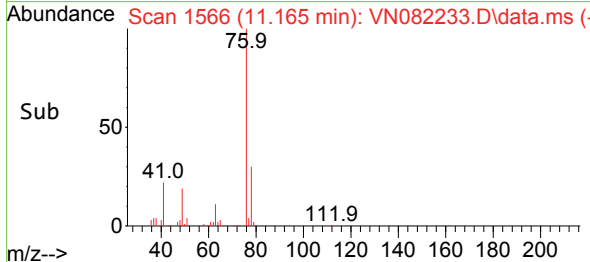
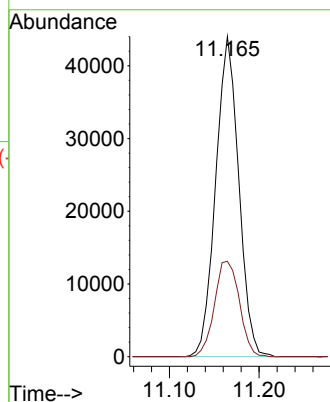
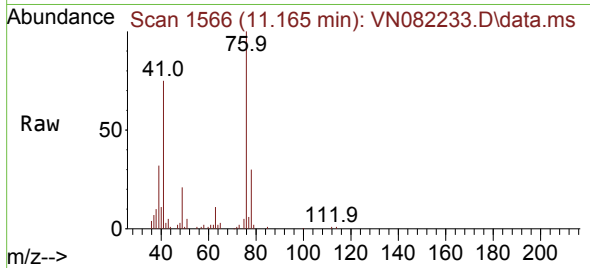




#57
1,3-Dichloropropane
Concen: 20.093 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

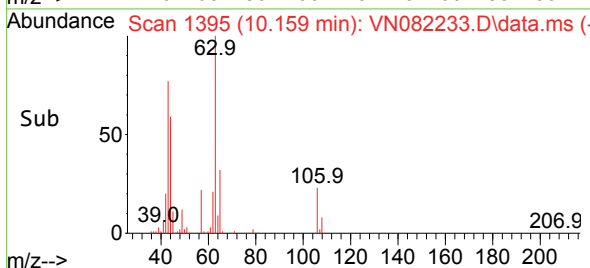
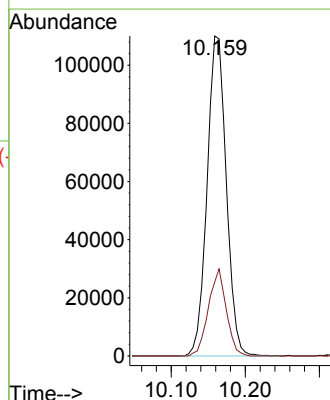
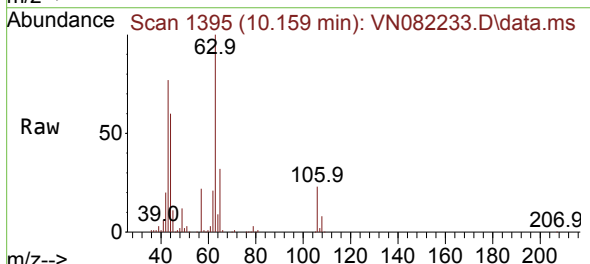
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

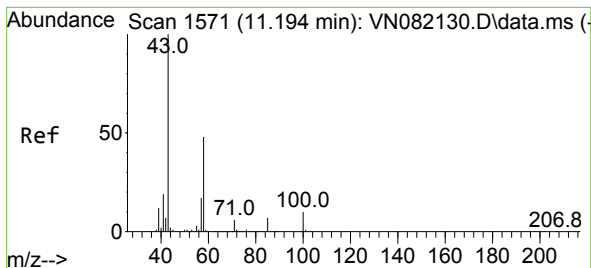
Tgt Ion: 76 Resp: 78435
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 108.281 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 63 Resp: 197971
Ion Ratio Lower Upper
63 100
106 25.2 24.6 36.8

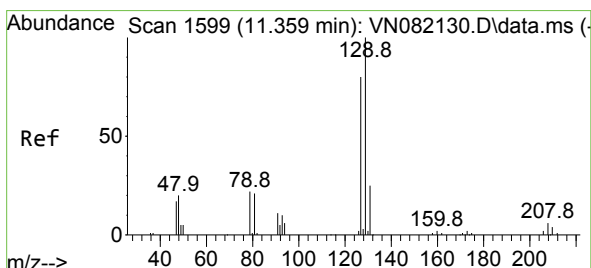
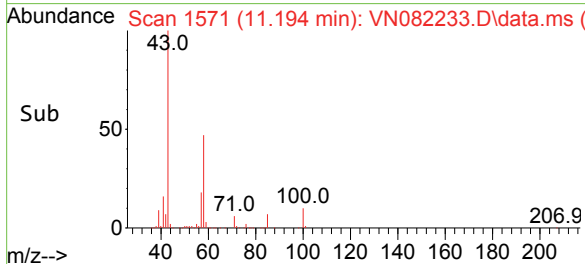
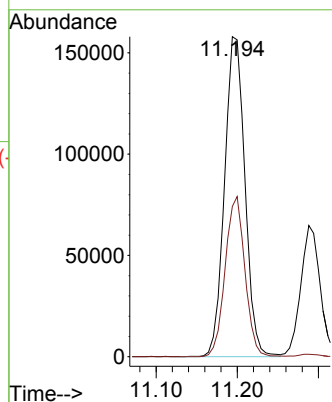
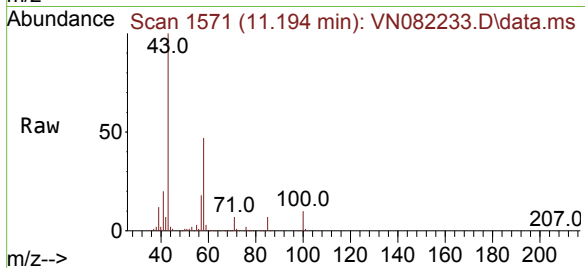




#59
2-Hexanone
Concen: 104.359 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

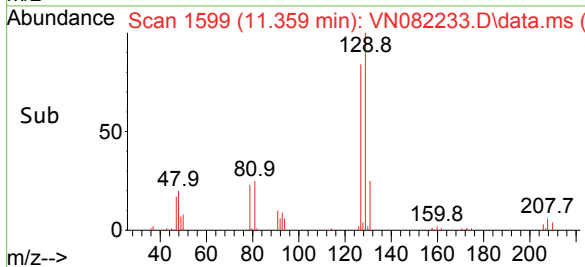
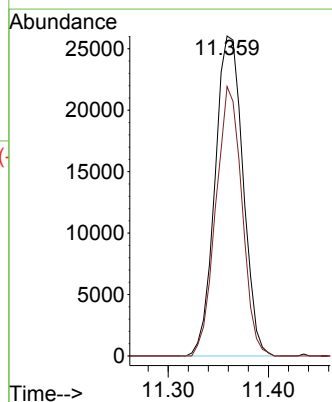
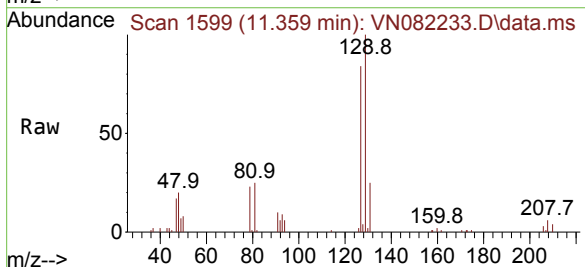
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

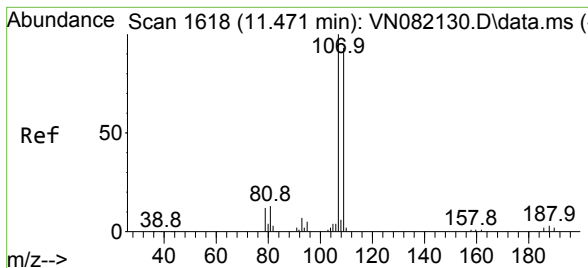
Tgt Ion: 43 Resp: 276385
Ion Ratio Lower Upper
43 100
58 48.4 28.3 84.9



#60
Dibromochloromethane
Concen: 21.933 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 129 Resp: 50533
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8

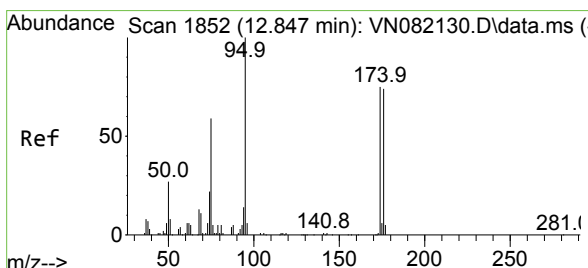
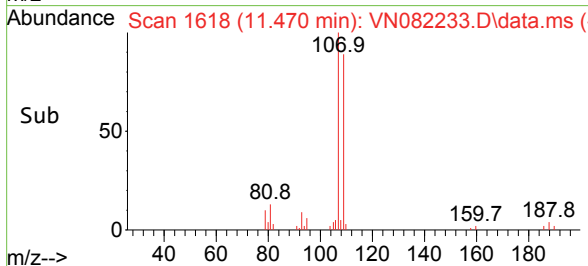
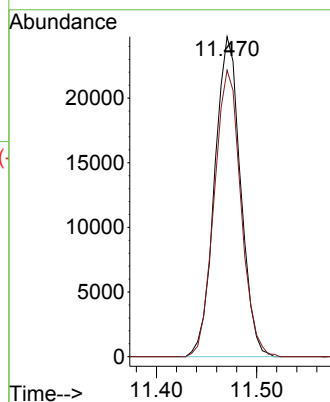
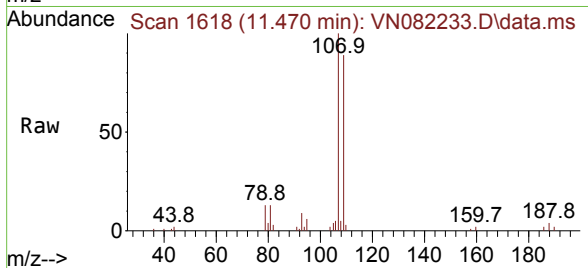




#61
1,2-Dibromoethane
Concen: 20.694 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

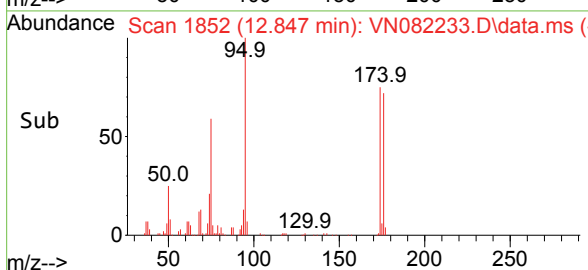
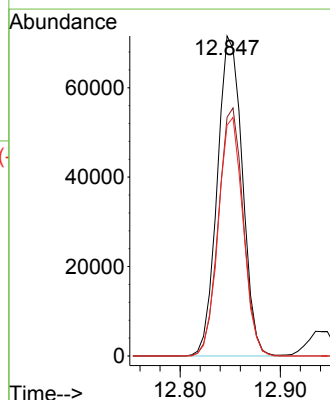
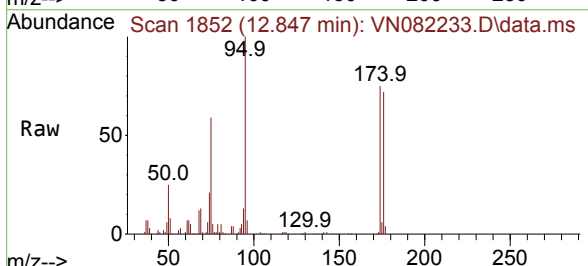
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

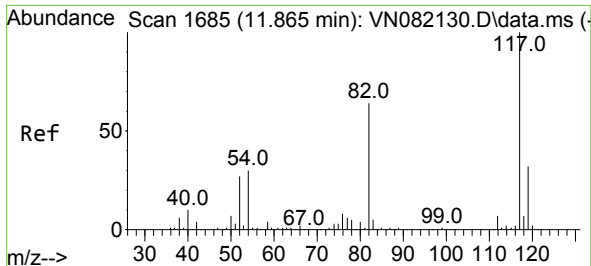
Tgt Ion:107 Resp: 44376
Ion Ratio Lower Upper
107 100
109 92.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.551 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 95 Resp: 124553
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 73.3 0.0 152.8

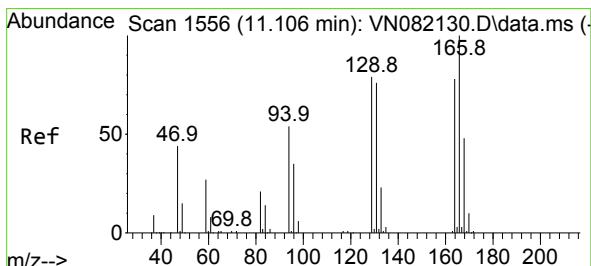
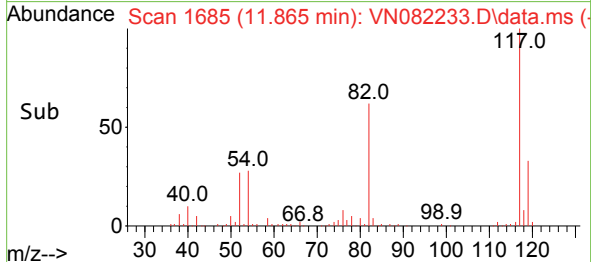
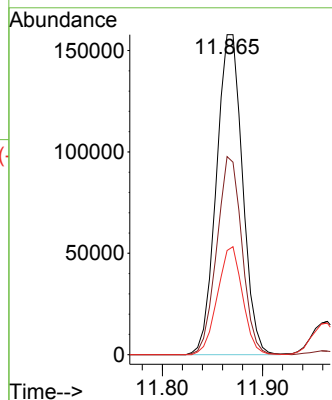
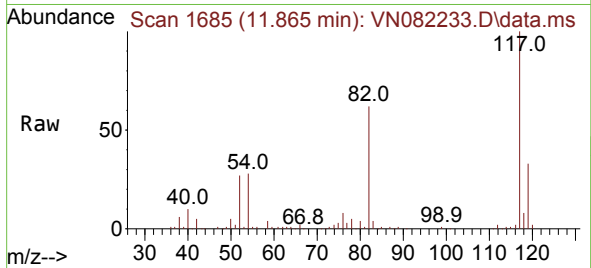




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

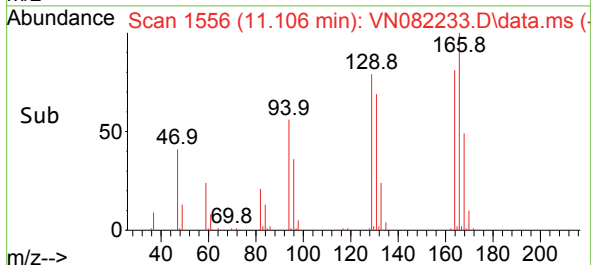
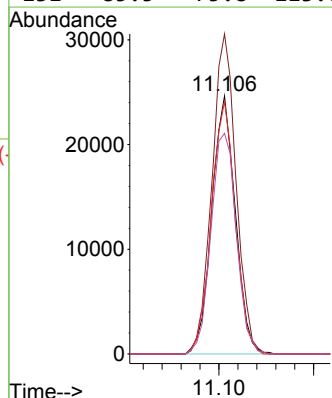
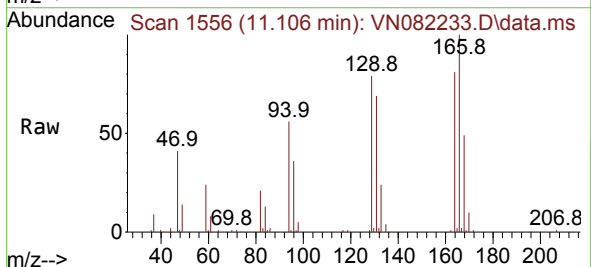
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

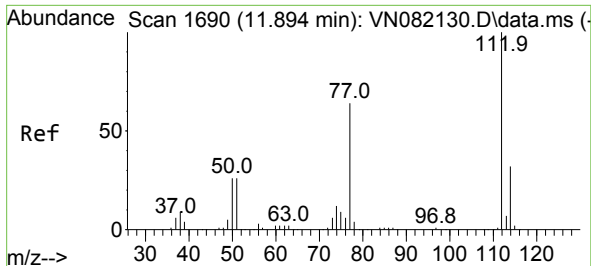
Tgt Ion:117 Resp: 285799
Ion Ratio Lower Upper
117 100
82 61.9 44.6 66.8
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 20.134 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:164 Resp: 42651
Ion Ratio Lower Upper
164 100
166 124.1 97.6 146.4
129 97.9 73.7 110.5
131 85.5 75.8 113.6

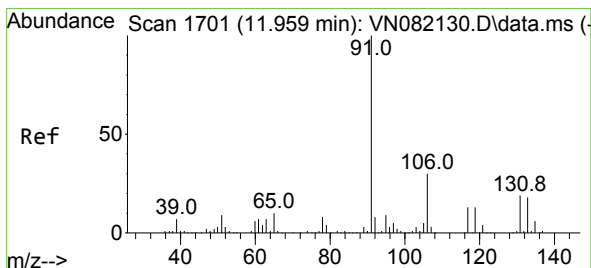
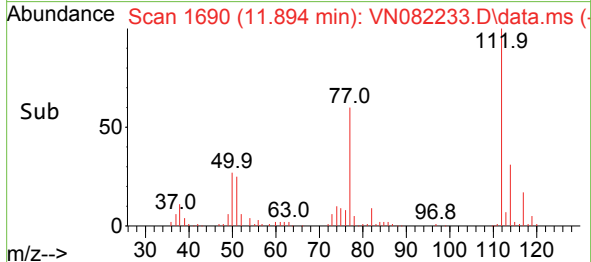
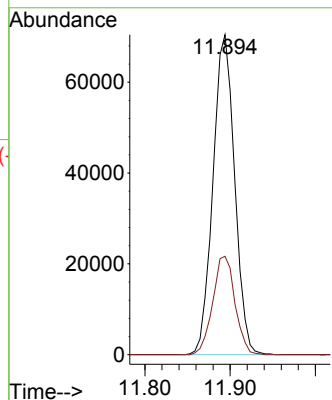
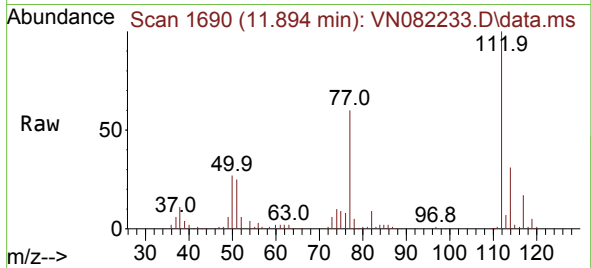




#65
Chlorobenzene
Concen: 19.710 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

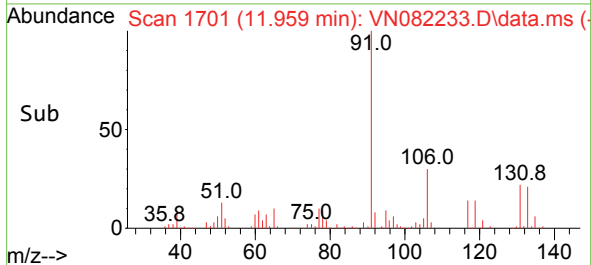
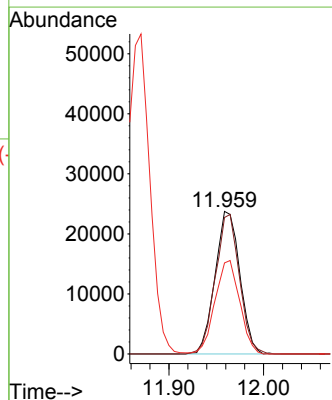
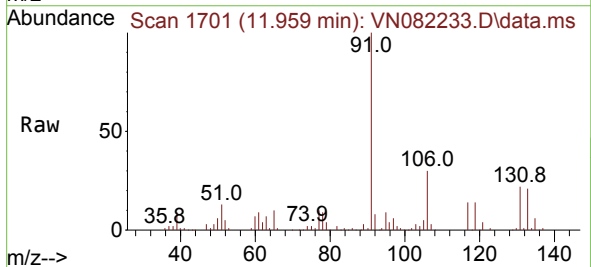
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

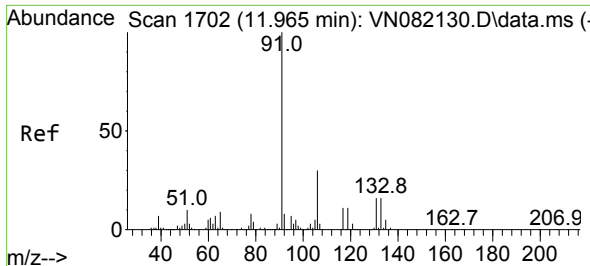
Tgt Ion:112 Resp: 124443
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.788 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:131 Resp: 43233
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 65.1 32.9 98.7

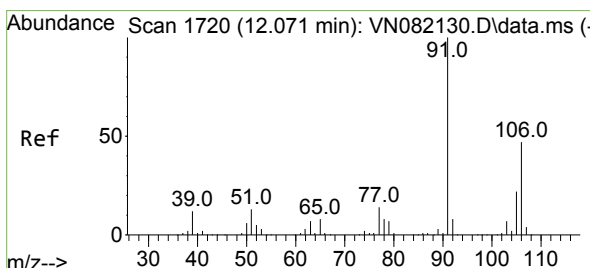
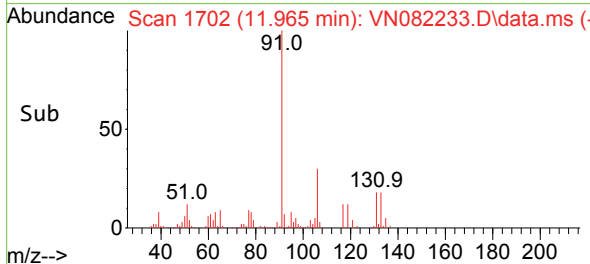
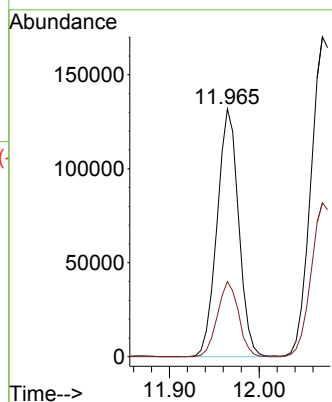
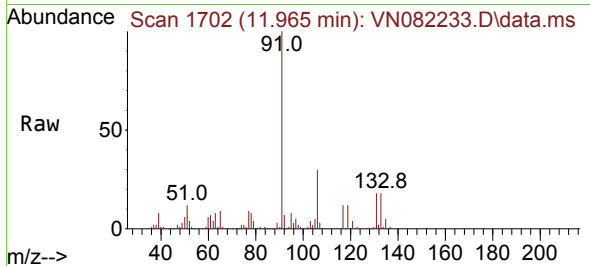




#67
Ethyl Benzene
Concen: 19.451 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

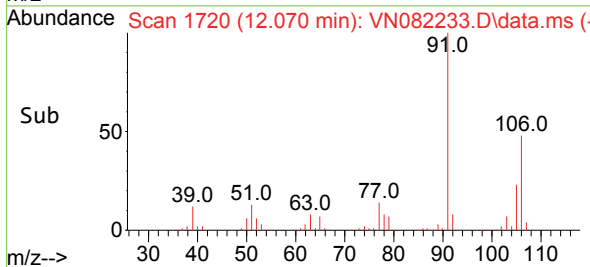
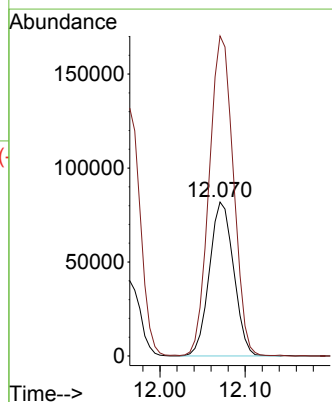
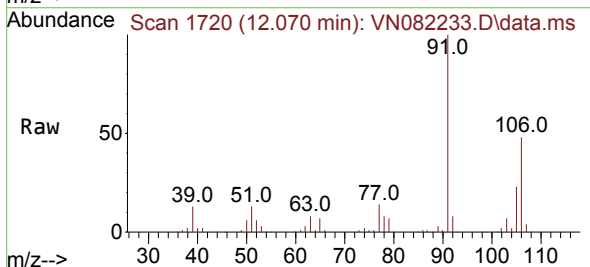
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

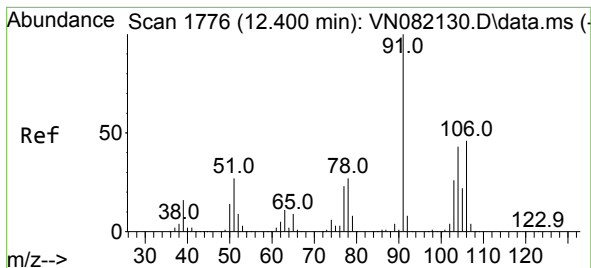
Tgt Ion: 91 Resp: 219691
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9



#68
m/p-Xylenes
Concen: 39.212 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 106 Resp: 162318
Ion Ratio Lower Upper
106 100
91 208.0 159.4 239.0

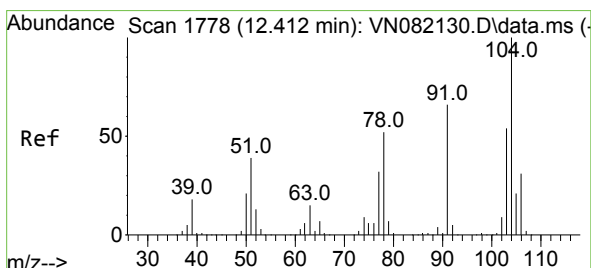
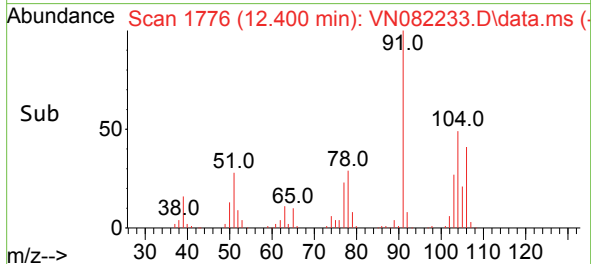
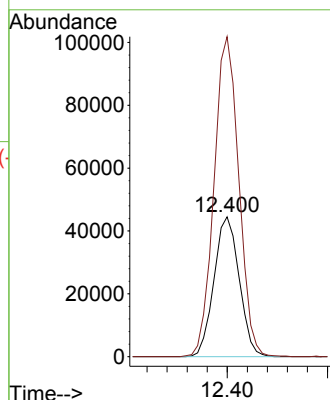
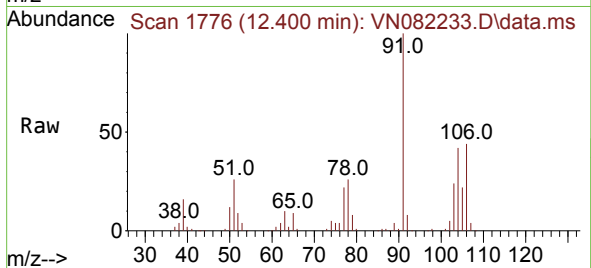




#69
o-Xylene
Concen: 19.347 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

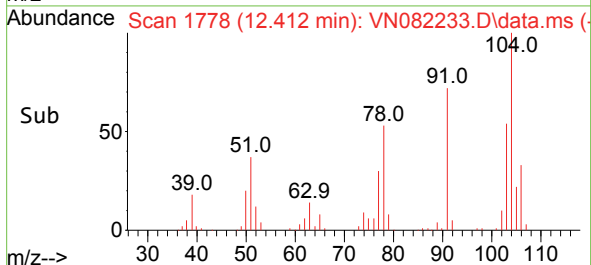
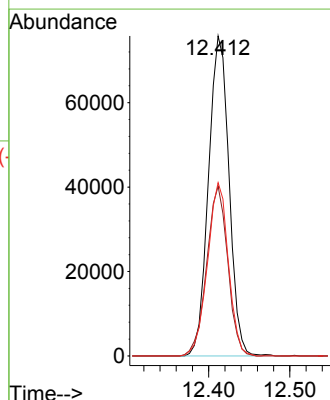
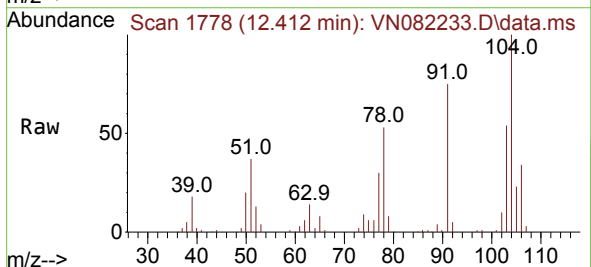
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

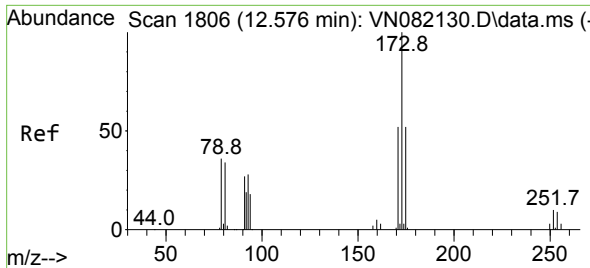
Tgt Ion:106 Resp: 77577
Ion Ratio Lower Upper
106 100
91 225.3 104.7 314.1



#70
Styrene
Concen: 19.998 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:104 Resp: 133190
Ion Ratio Lower Upper
104 100
78 54.2 38.6 58.0
103 55.1 43.8 65.6

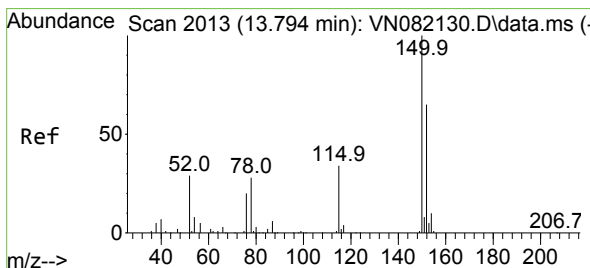
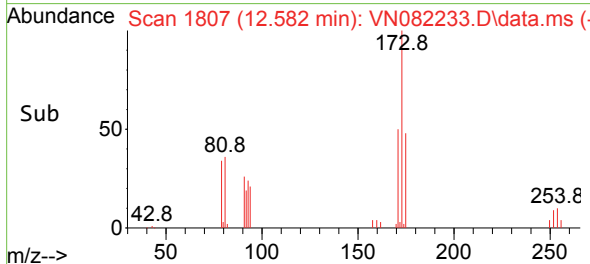
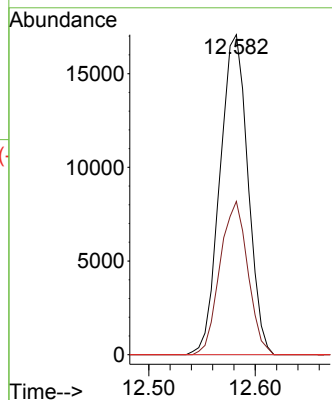
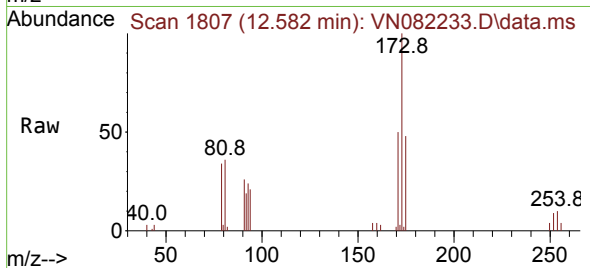




#71
Bromoform
Concen: 19.266 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

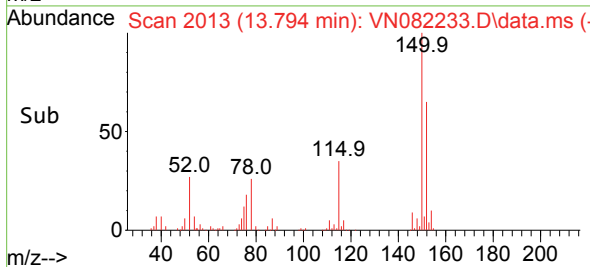
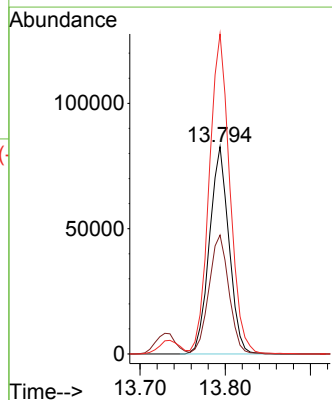
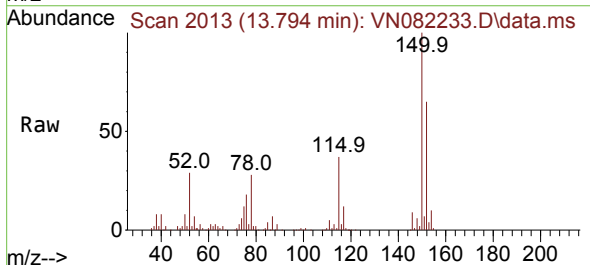
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

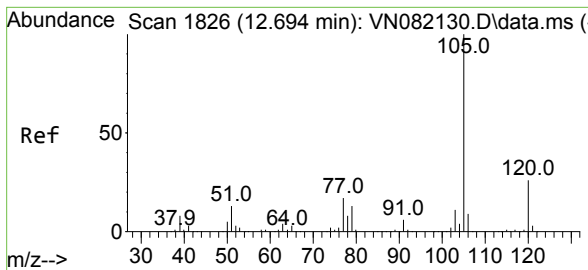
Tgt Ion:173 Resp: 31145
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion:152 Resp: 131792
Ion Ratio Lower Upper
152 100
115 58.8 30.4 91.3
150 162.5 0.0 353.2





#73

Isopropylbenzene

Concen: 18.966 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

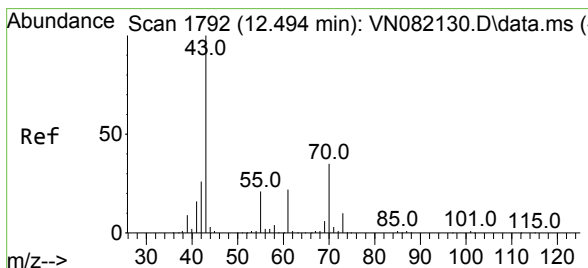
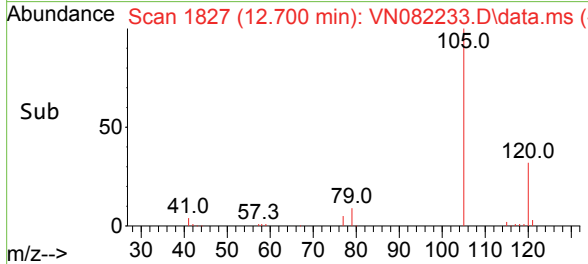
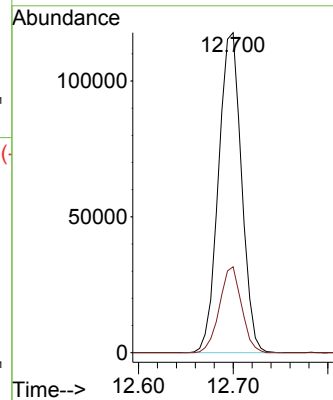
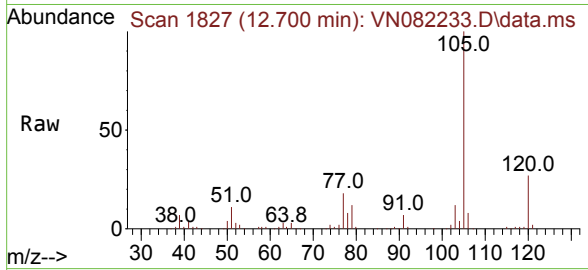
VN0521WBSD01

Tgt Ion:105 Resp: 198579

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 18.745 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Tgt Ion: 43 Resp: 107953

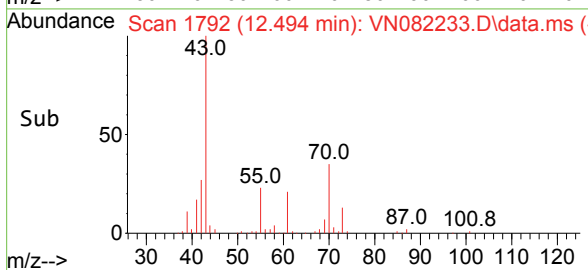
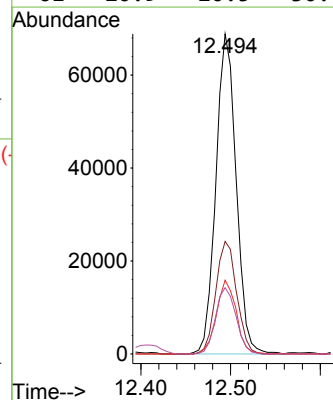
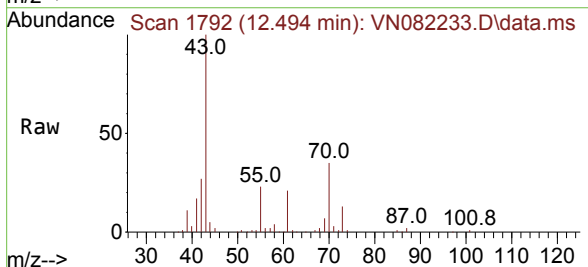
Ion Ratio Lower Upper

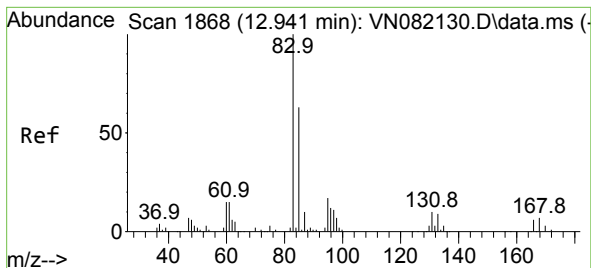
43 100

70 36.1 39.0 58.4#

55 22.4 21.3 31.9

61 20.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.210 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

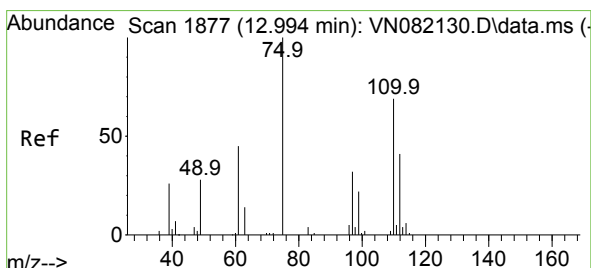
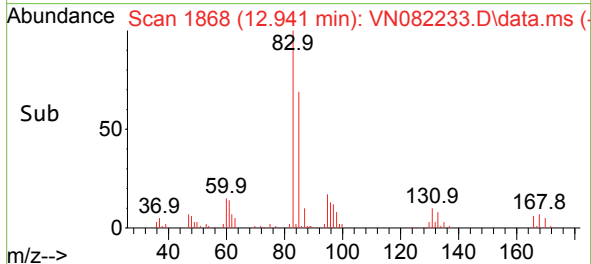
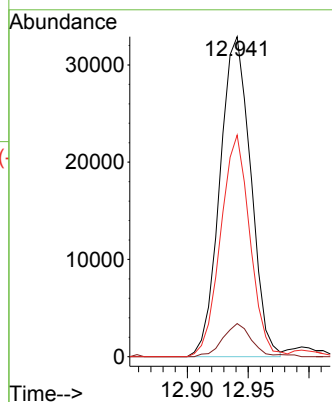
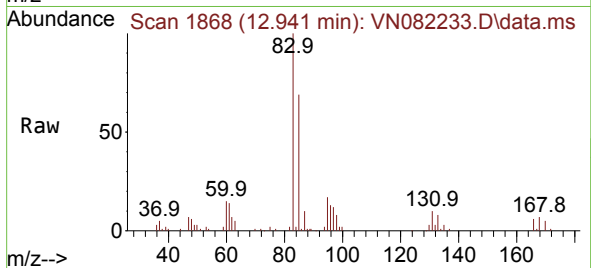
Tgt Ion: 83 Resp: 57979

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.4

85 66.0 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 30.375 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082233.D

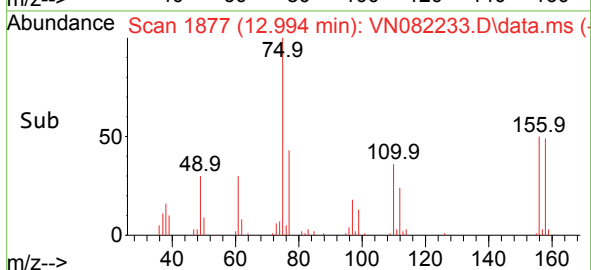
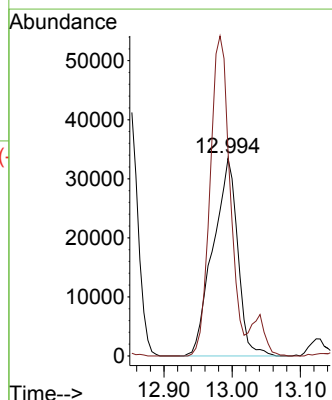
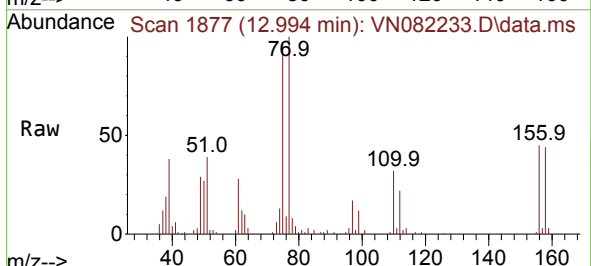
Acq: 21 May 2024 12:16

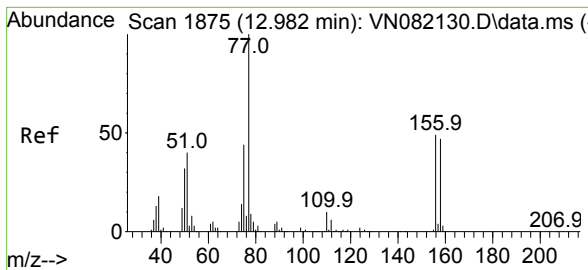
Tgt Ion: 75 Resp: 84259

Ion Ratio Lower Upper

75 100

77 129.8 90.5 271.3

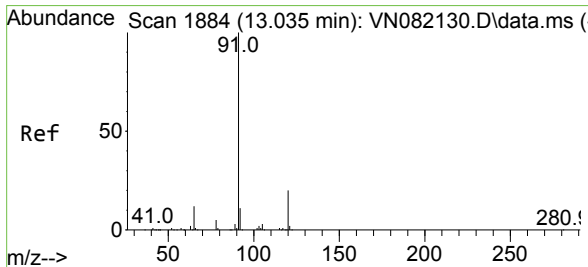
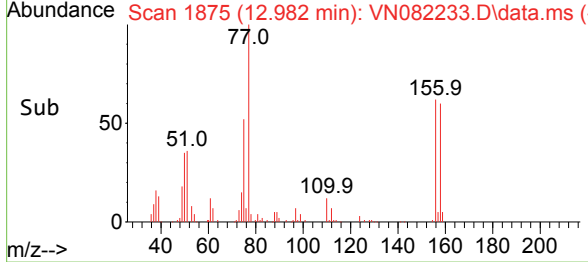
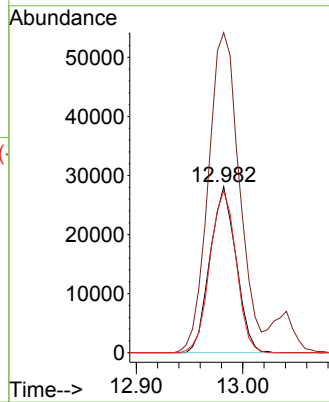
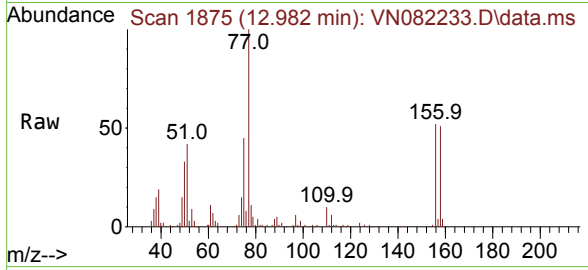




#77
 Bromobenzene
 Concen: 19.148 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

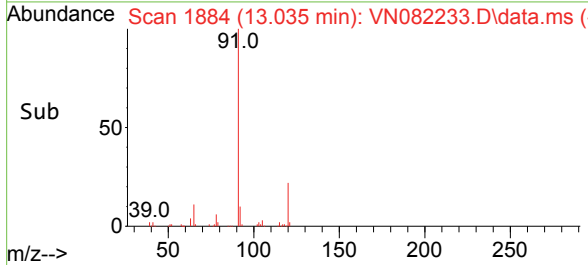
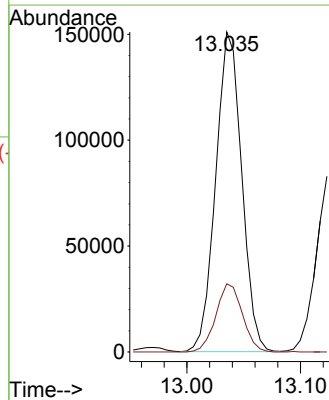
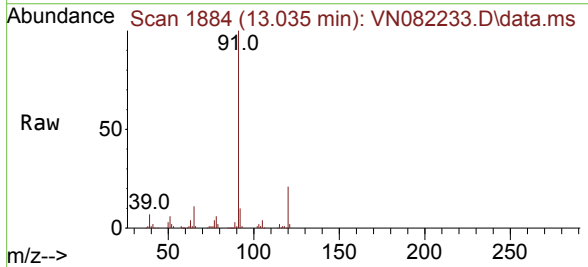
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

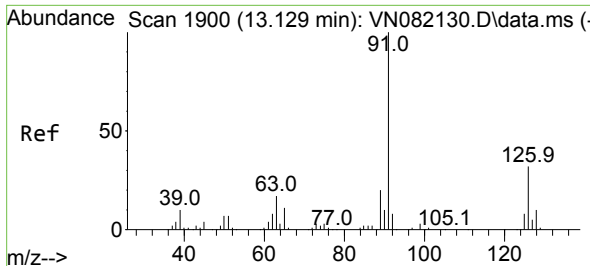
Tgt Ion:156 Resp: 47778
 Ion Ratio Lower Upper
 156 100
 77 228.9 100.2 300.6
 158 98.0 49.1 147.3



#78
 n-propylbenzene
 Concen: 19.343 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion: 91 Resp: 239820
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.7 35.0

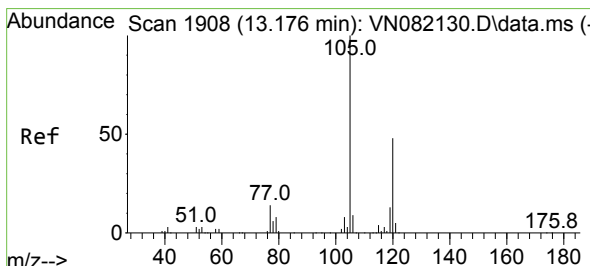
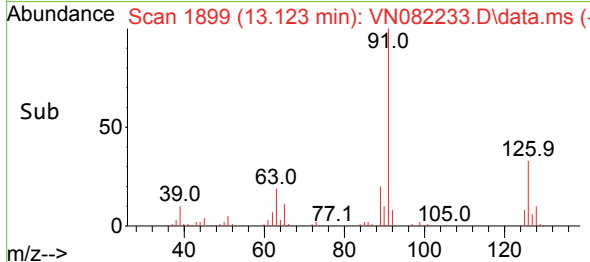
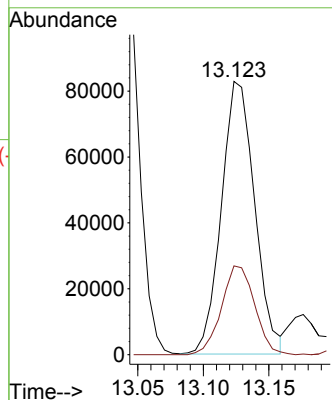
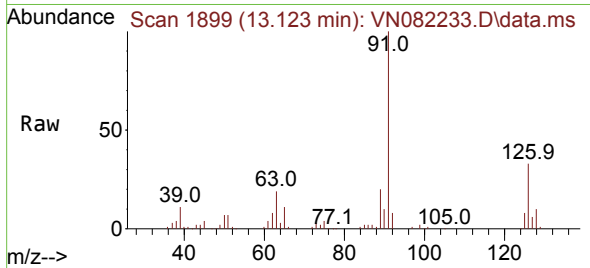




#79
2-Chlorotoluene
Concen: 18.785 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

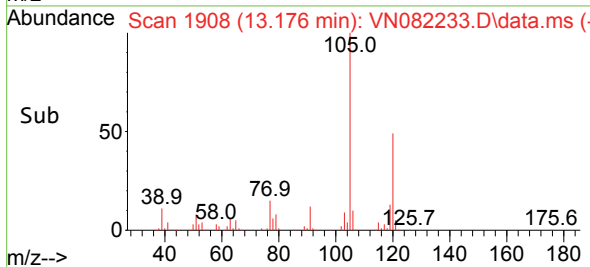
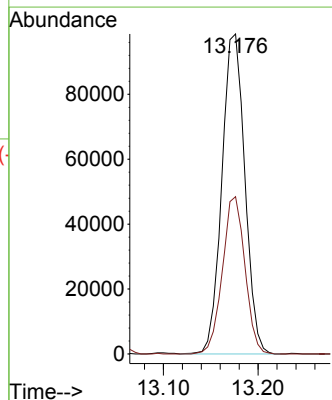
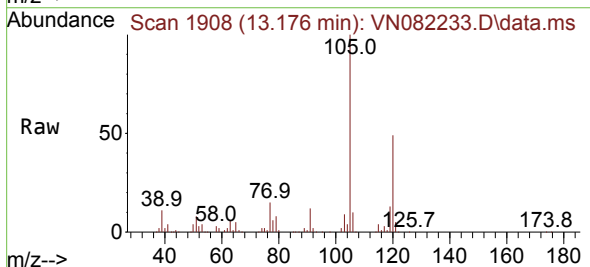
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

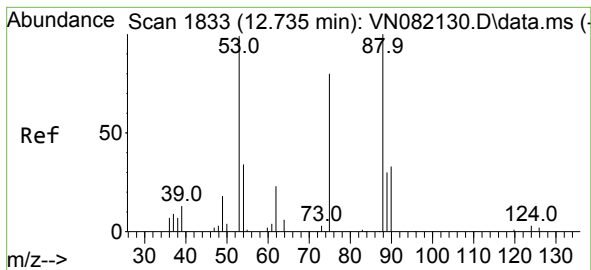
Tgt Ion: 91 Resp: 146253
Ion Ratio Lower Upper
91 100
126 32.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.639 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 105 Resp: 166263
Ion Ratio Lower Upper
105 100
120 48.2 24.8 74.3

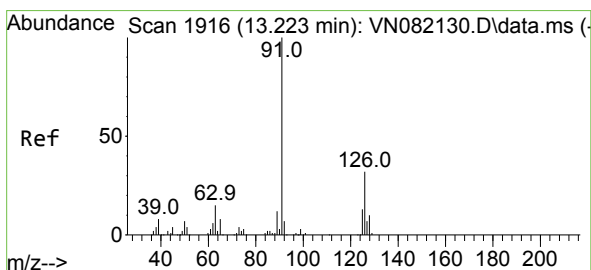
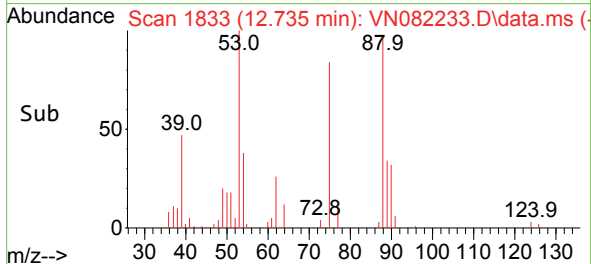
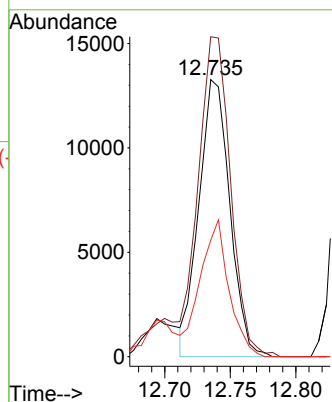
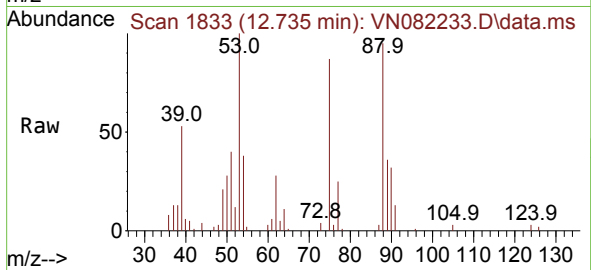




#81
trans-1,4-Dichloro-2-butene
Concen: 18.367 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

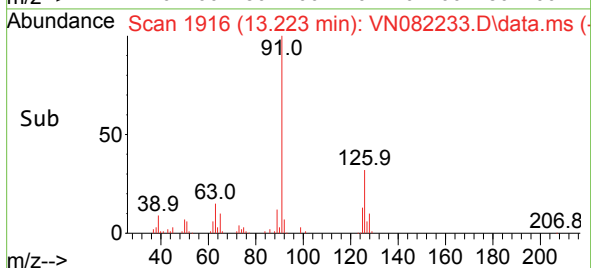
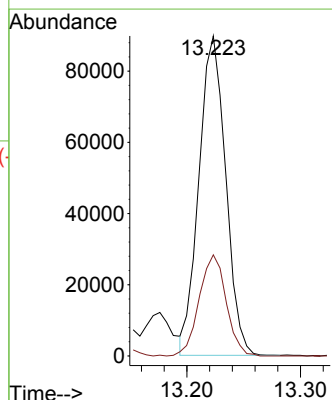
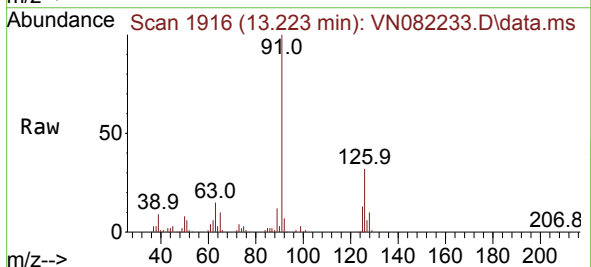
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

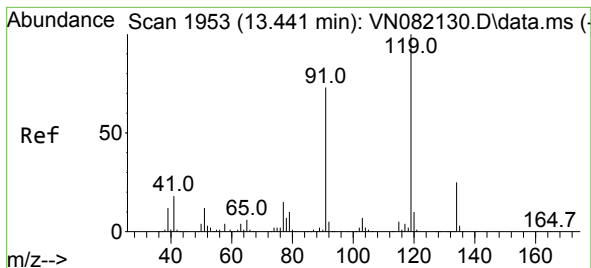
Tgt Ion: 75 Resp: 21783
Ion Ratio Lower Upper
75 100
53 135.9 72.9 109.3#
89 46.0 39.1 58.7



#82
4-Chlorotoluene
Concen: 19.287 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

Tgt Ion: 91 Resp: 146811
Ion Ratio Lower Upper
91 100
126 31.9 17.4 52.3





#83

tert-Butylbenzene

Concen: 18.991 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

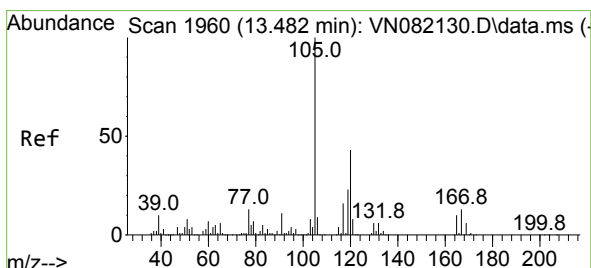
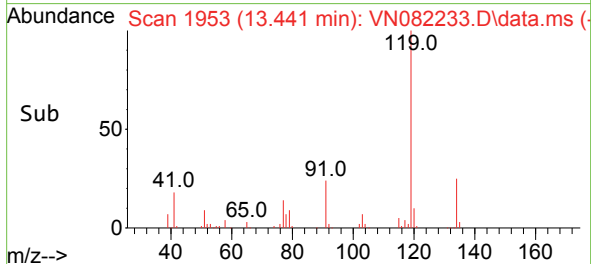
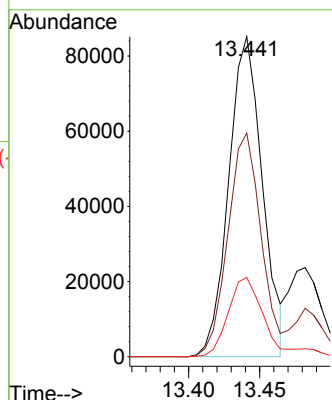
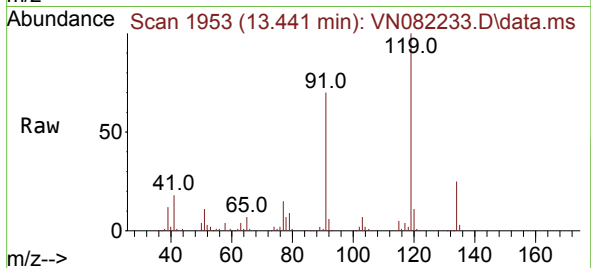
Tgt Ion:119 Resp: 140655

Ion Ratio Lower Upper

119 100

91 68.8 32.6 97.8

134 27.0 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082233.D

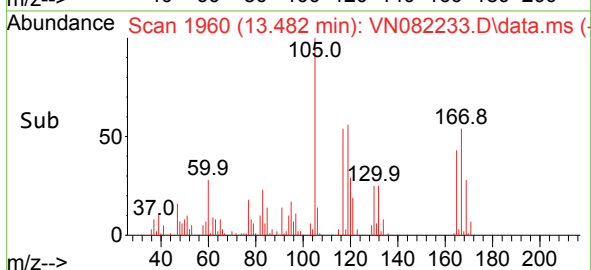
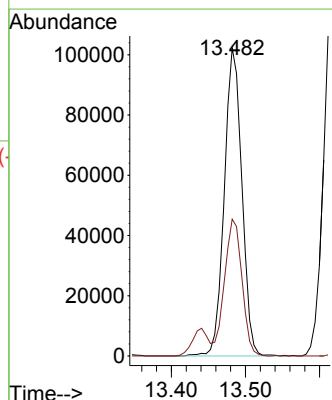
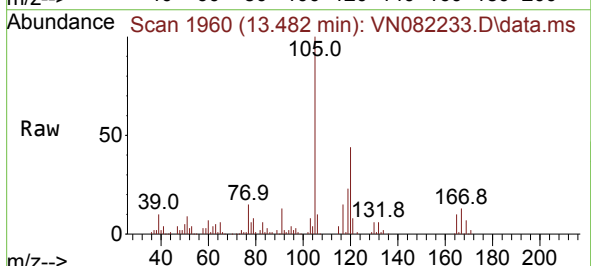
Acq: 21 May 2024 12:16

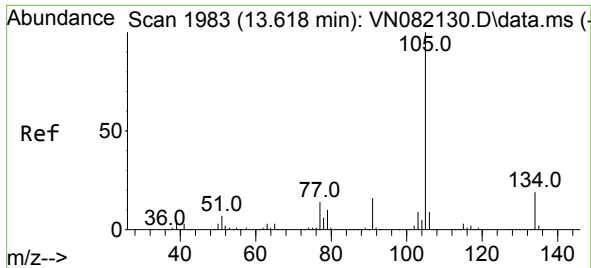
Tgt Ion:105 Resp: 168266

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.7

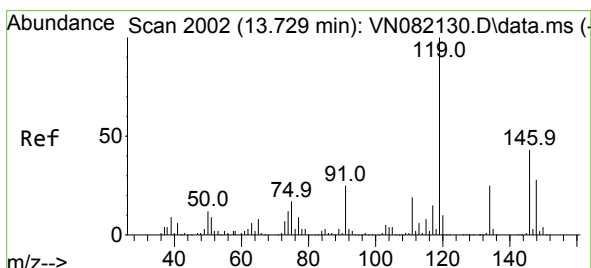
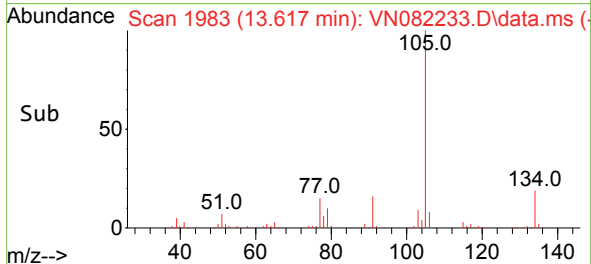
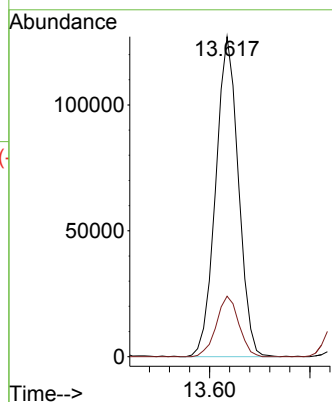
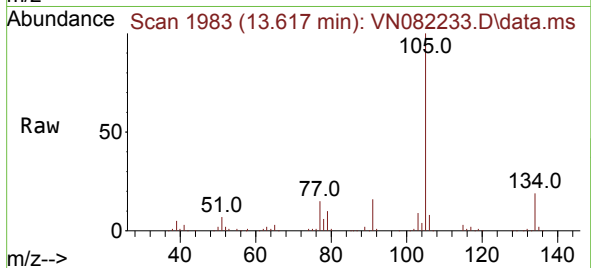




#85
 sec-Butylbenzene
 Concen: 19.395 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

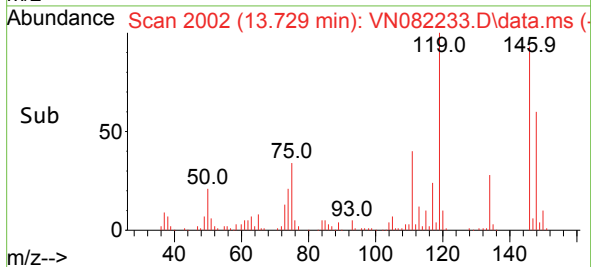
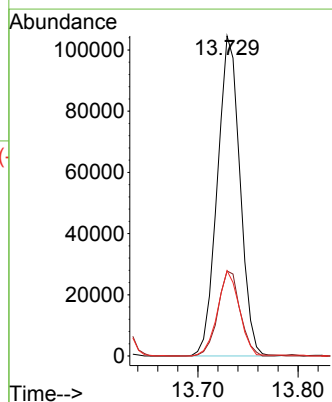
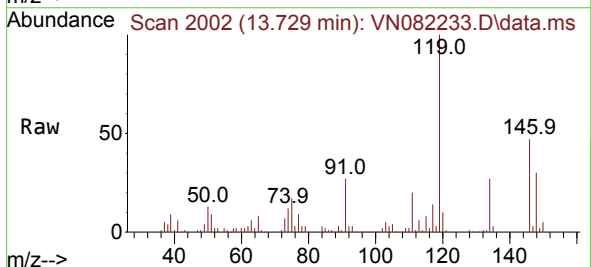
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

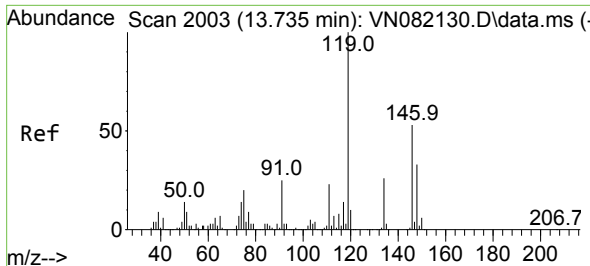
Tgt Ion:105 Resp: 199115
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.640 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion:119 Resp: 163865
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 26.1 11.8 35.3

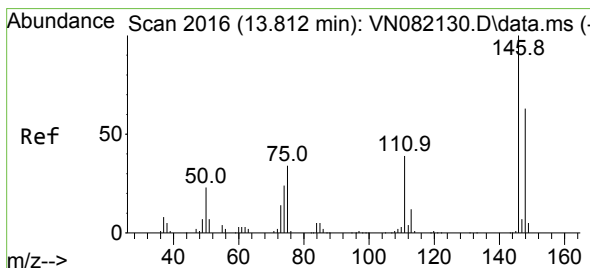
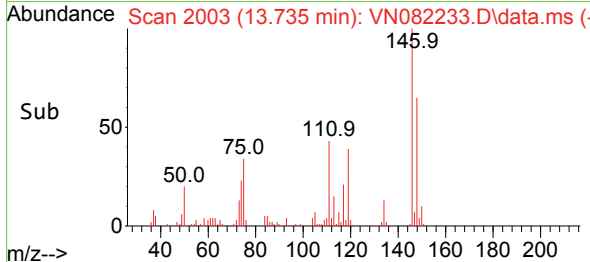
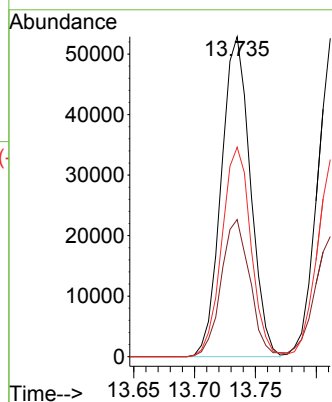
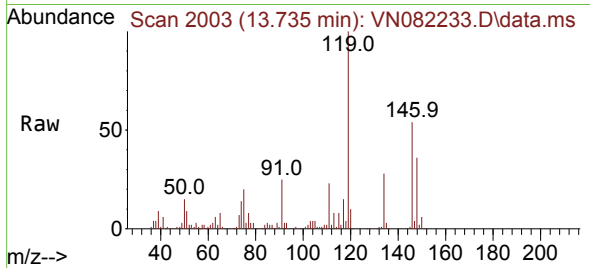




#87
 1,3-Dichlorobenzene
 Concen: 19.460 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

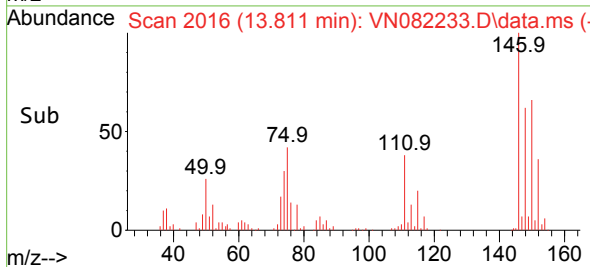
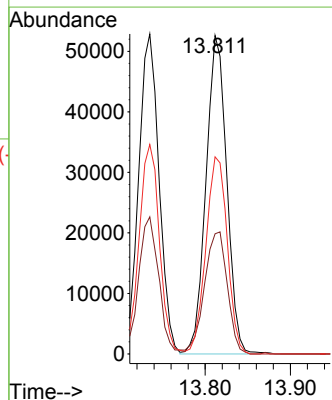
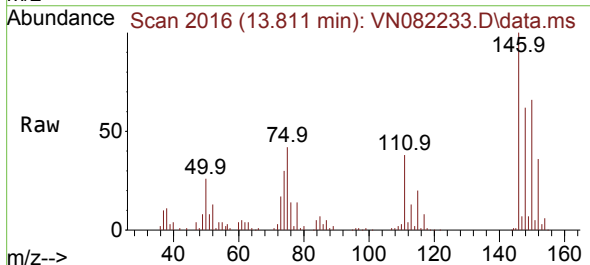
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

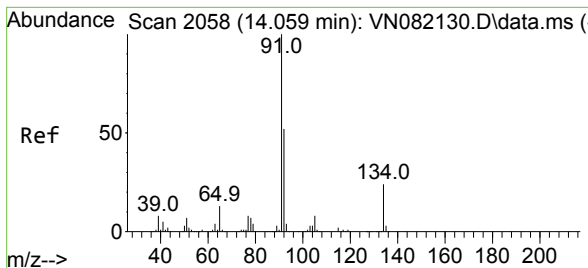
Tgt Ion:146 Resp: 87969
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 65.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion:146 Resp: 89139
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.3 57.9
 148 63.8 31.3 93.9





#89

n-Butylbenzene

Concen: 19.269 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

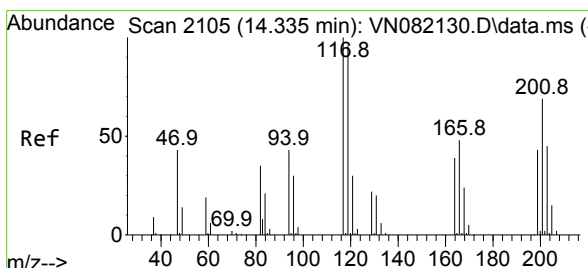
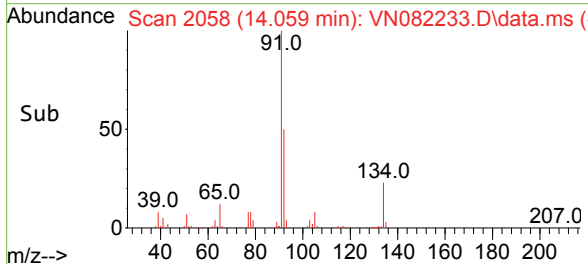
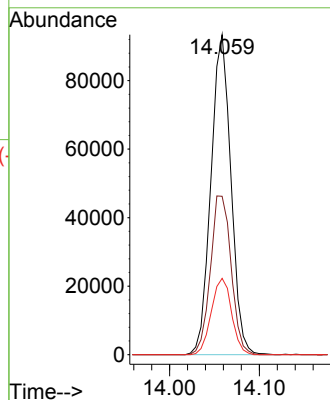
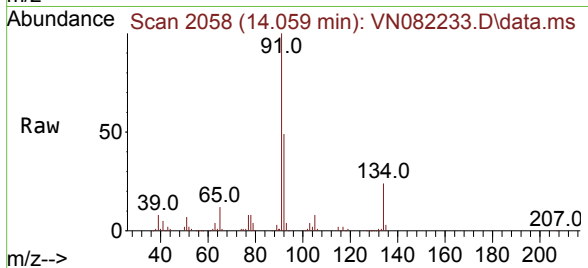
Tgt Ion: 91 Resp: 144497

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.5

134 24.2 13.2 39.5



#90

Hexachloroethane

Concen: 19.337 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082233.D

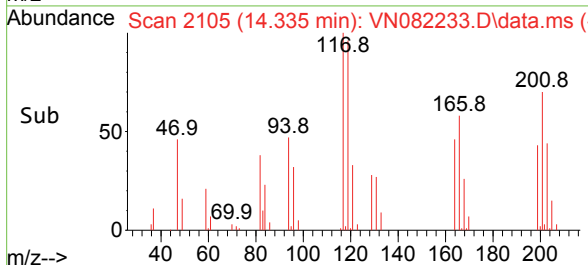
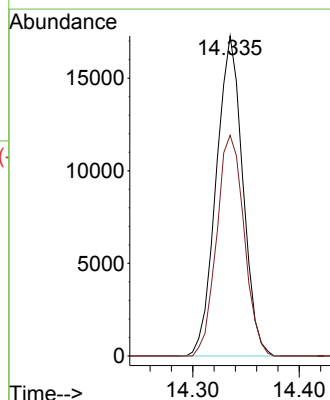
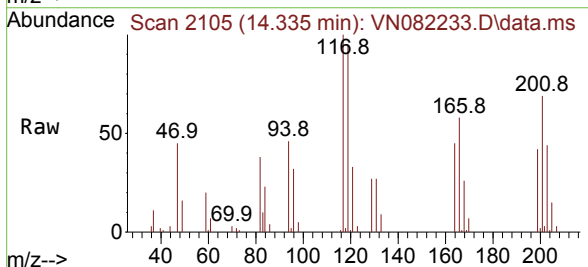
Acq: 21 May 2024 12:16

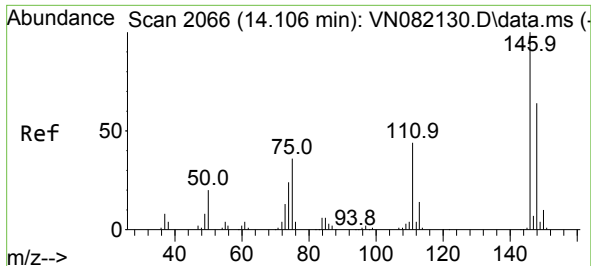
Tgt Ion: 117 Resp: 29891

Ion Ratio Lower Upper

117 100

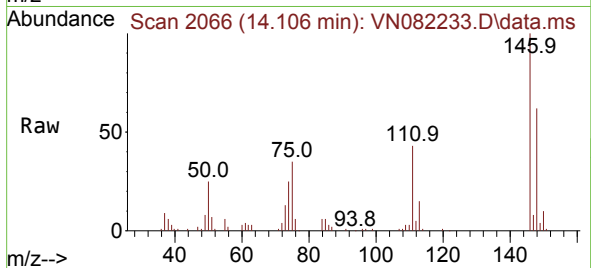
201 71.3 33.3 99.8



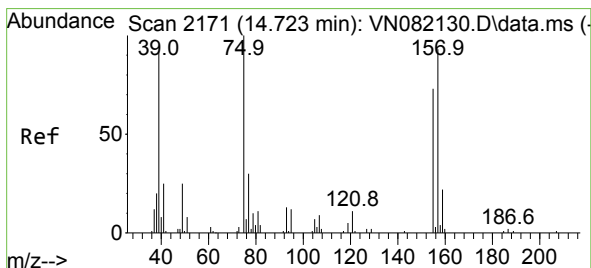
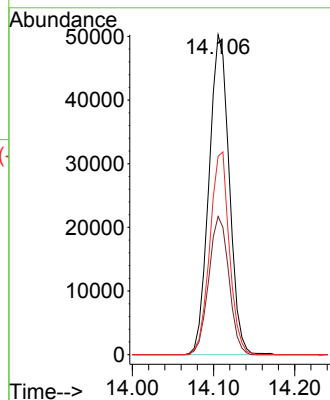
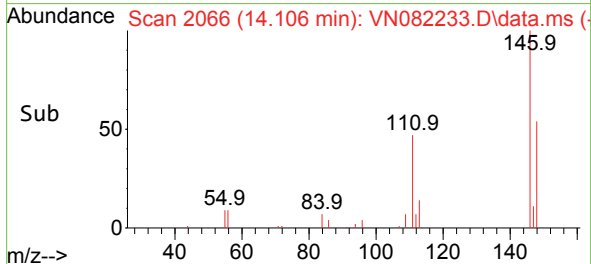


#91
1,2-Dichlorobenzene
Concen: 20.332 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16

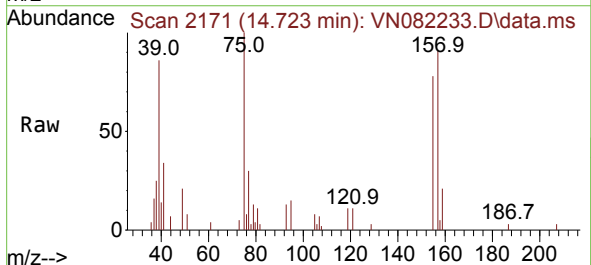
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



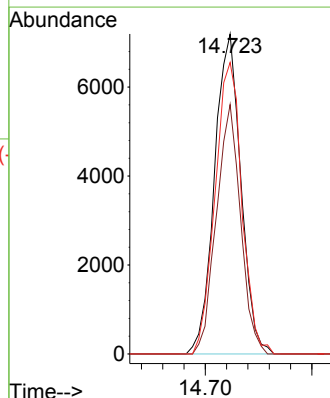
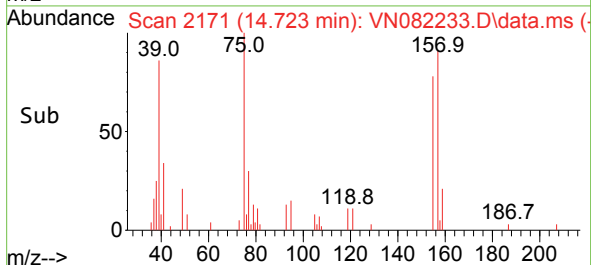
Tgt Ion:146 Resp: 87001
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 61.1 31.8 95.4

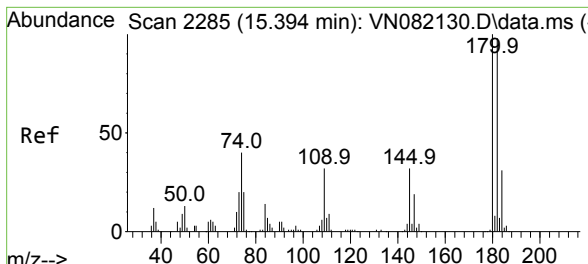


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.905 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082233.D
Acq: 21 May 2024 12:16



Tgt Ion: 75 Resp: 12343
Ion Ratio Lower Upper
75 100
155 71.7 42.6 128.0
157 92.7 53.0 159.0

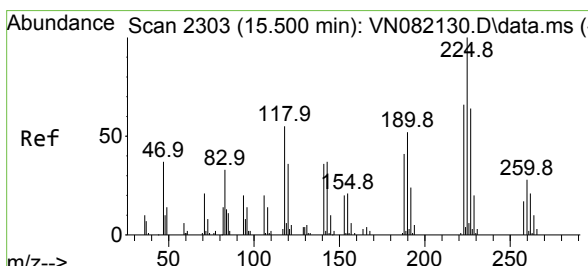
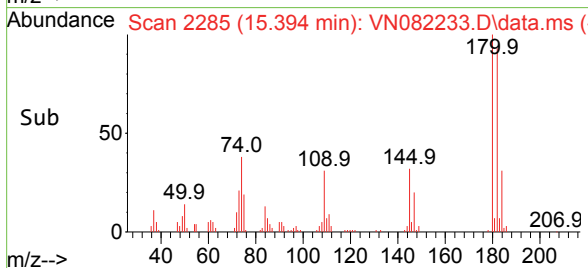
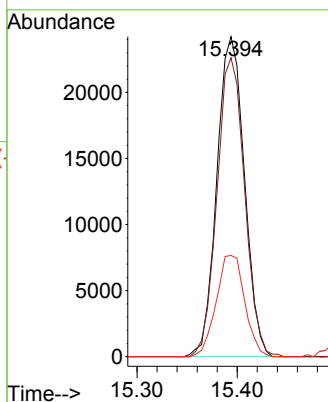
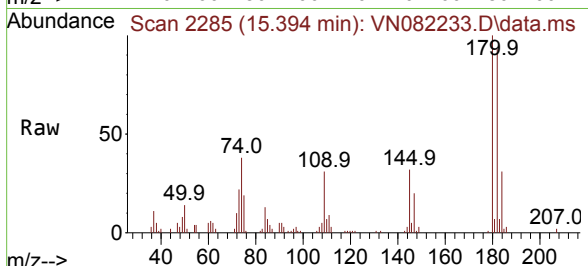




#93
 1,2,4-Trichlorobenzene
 Concen: 19.242 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

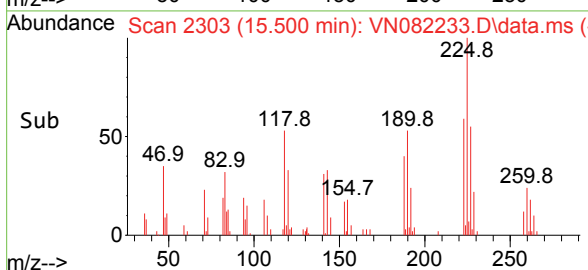
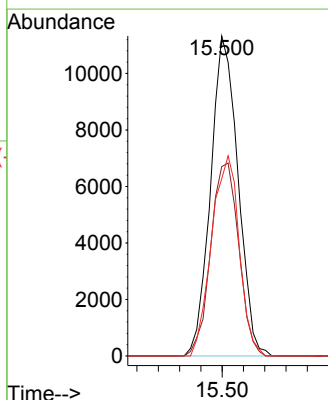
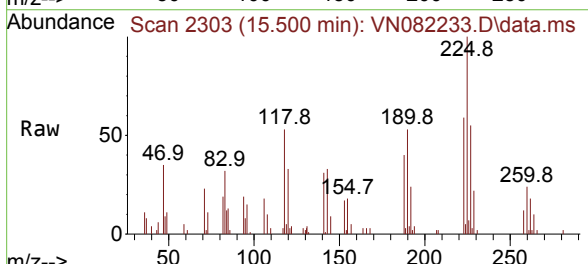
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

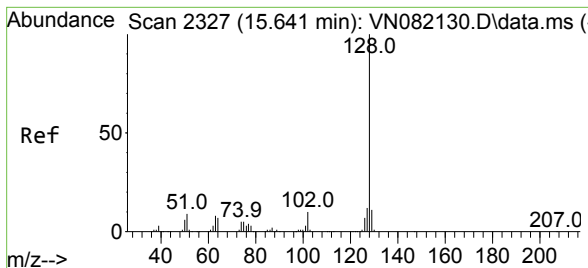
Tgt Ion:180 Resp: 46153
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.7 140.0
 145 32.8 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 19.199 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN082233.D
 Acq: 21 May 2024 12:16

Tgt Ion:225 Resp: 20206
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.2
 227 63.0 30.6 91.6





#95

Naphthalene

Concen: 19.443 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

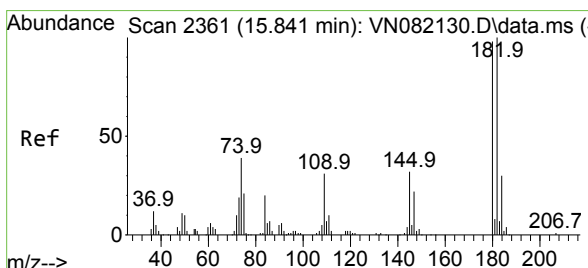
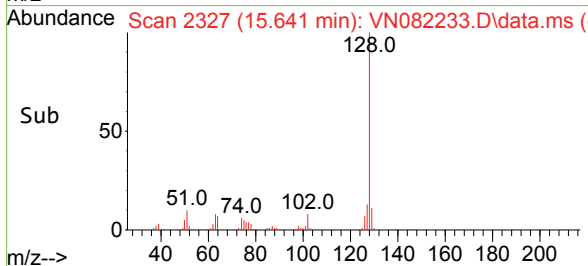
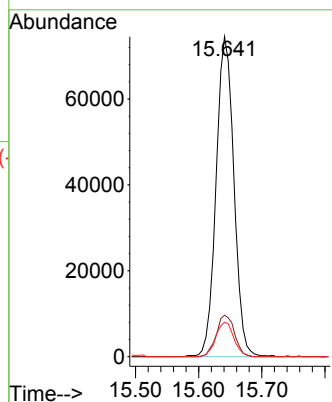
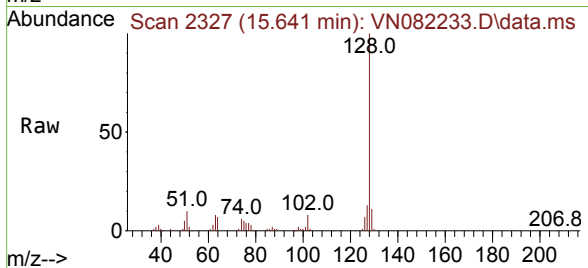
Tgt Ion:128 Resp: 146148

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.068 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082233.D

Acq: 21 May 2024 12:16

Tgt Ion:180 Resp: 45785

Ion Ratio Lower Upper

180 100

182 98.1 46.0 137.8

145 33.8 17.1 51.3

