

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082514.D
 Acq On : 10 Jun 2024 14:58
 Operator : JC\MD
 Sample : VN0610MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 01:07:25 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	8.230	168	180634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149801	52.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	8.171	113	110520	58.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.160%	
50) Toluene-d8	10.565	98	380170	52.560	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.853	95	138533	53.661	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50981	19.576	ug/l	100
3) Chloromethane	2.360	50	55060	18.655	ug/l	96
4) Vinyl Chloride	2.518	62	53439	19.260	ug/l	94
5) Bromomethane	2.959	94	31447	19.718	ug/l	95
6) Chloroethane	3.118	64	35790	19.754	ug/l	96
7) Trichlorofluoromethane	3.495	101	70106	19.295	ug/l	100
8) Diethyl Ether	3.965	74	24527	18.949	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	41178	19.401	ug/l	99
10) Methyl Iodide	4.583	142	39820	18.663	ug/l	97
11) Tert butyl alcohol	5.524	59	38634	84.381	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	37742	19.132	ug/l #	79
13) Acrolein	4.177	56	30982	91.316	ug/l	97
14) Allyl chloride	5.024	41	73832	17.481	ug/l #	91
15) Acrylonitrile	5.718	53	110422	93.122	ug/l	99
16) Acetone	4.430	43	116141	99.262	ug/l	93
17) Carbon Disulfide	4.712	76	114957	18.042	ug/l	99
18) Methyl Acetate	5.024	43	58845	20.195	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	134202	18.611	ug/l	91
20) Methylene Chloride	5.277	84	44896	19.018	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	40234	18.715	ug/l #	83
22) Diisopropyl ether	6.671	45	163007	18.483	ug/l #	93
23) Vinyl Acetate	6.606	43	643277	92.511	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	89030	19.585	ug/l	95
25) 2-Butanone	7.483	43	167422	94.377	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	76032	19.969	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	48348	19.056	ug/l	79
28) Bromochloromethane	7.818	49	43428	21.366	ug/l #	77
29) Tetrahydrofuran	7.841	42	104083	91.382	ug/l #	82
30) Chloroform	7.965	83	83841	19.314	ug/l	94
31) Cyclohexane	8.259	56	80892	17.757	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	76208	19.788	ug/l	93
36) 1,1-Dichloropropene	8.371	75	59800	18.899	ug/l	95
37) Ethyl Acetate	7.559	43	65529	18.506	ug/l #	93
38) Carbon Tetrachloride	8.365	117	65186	20.323	ug/l	99
39) Methylcyclohexane	9.606	83	64131	18.491	ug/l #	87
40) Benzene	8.606	78	184958	19.603	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37554	18.033	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	71198	19.620	ug/l	96
43) Isopropyl Acetate	8.688	43	157539	25.108	ug/l #	80
44) Trichloroethene	9.353	130	41345	19.290	ug/l	88
45) 1,2-Dichloropropane	9.624	63	48825	20.056	ug/l	96
46) Dibromomethane	9.706	93	31587	19.763	ug/l	99
47) Bromodichloromethane	9.888	83	68621	20.337	ug/l	94
48) Methyl methacrylate	9.683	41	54552	18.246	ug/l #	84
49) 1,4-Dioxane	9.694	88	15761	376.202	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	339062	95.110	ug/l	89
52) Toluene	10.630	92	113562	20.056	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	69079	19.795	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	71788	19.435	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	40320	19.595	ug/l	98
56) Ethyl methacrylate	10.877	69	64543	18.475	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	74892	19.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	141691	78.631	ug/l	91
59) 2-Hexanone	11.194	43	252787	96.843	ug/l	90
60) Dibromochloromethane	11.359	129	48866	21.519	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41167	19.478	ug/l	98
64) Tetrachloroethene	11.106	164	42613	20.810	ug/l	96
65) Chlorobenzene	11.894	112	118840	19.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	41790	20.787	ug/l	99
67) Ethyl Benzene	11.965	91	210129	19.246	ug/l	97
68) m/p-Xylenes	12.071	106	155100	38.761	ug/l	92
69) o-Xylene	12.400	106	74426	19.201	ug/l	92
70) Styrene	12.412	104	125756	19.533	ug/l	97
71) Bromoform	12.582	173	32408	20.685	ug/l #	97
73) Isopropylbenzene	12.700	105	191260	18.340	ug/l	98
74) N-amyl acetate	12.494	43	98769	17.218	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	55767	18.551	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	78687	28.480	ug/l	67
77) Bromobenzene	12.982	156	46919	18.879	ug/l	89
78) n-propylbenzene	13.035	91	230415	18.658	ug/l	96
79) 2-Chlorotoluene	13.129	91	140265	18.088	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	158951	18.850	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	24392	20.649	ug/l #	80
82) 4-Chlorotoluene	13.224	91	138790	18.306	ug/l	96
83) tert-Butylbenzene	13.441	119	128848	17.466	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	159340	18.470	ug/l	99
85) sec-Butylbenzene	13.618	105	186665	18.255	ug/l	98
86) p-Isopropyltoluene	13.729	119	154624	18.607	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85170	18.916	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	88285	19.212	ug/l	99
89) n-Butylbenzene	14.059	91	134963	18.069	ug/l	98
90) Hexachloroethane	14.335	117	30919	20.082	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	82676	19.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12080	19.558	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	43964	18.403	ug/l	99
94) Hexachlorobutadiene	15.500	225	19448	18.552	ug/l	95
95) Naphthalene	15.641	128	129625	17.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	43859	18.339	ug/l	97

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

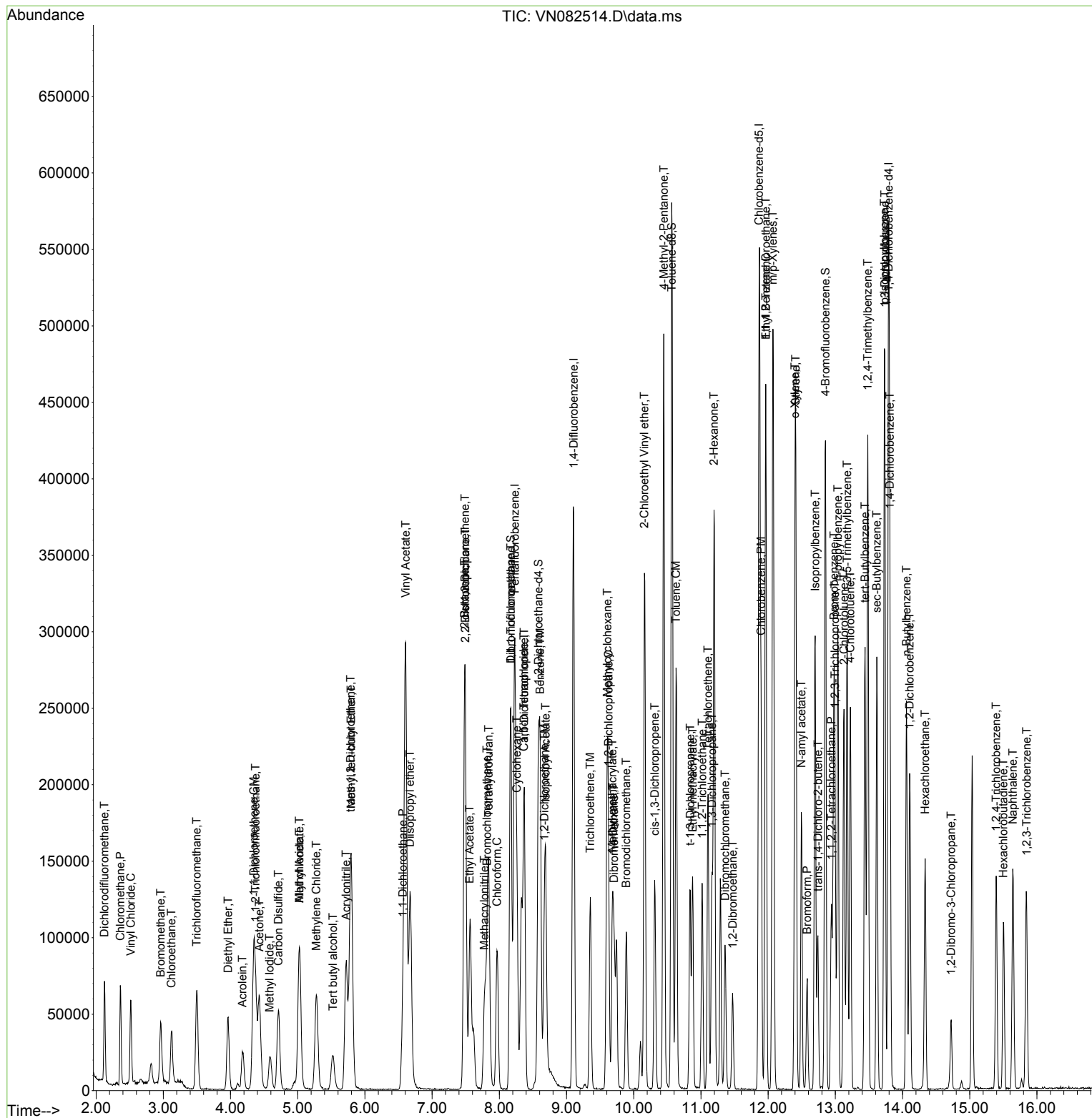
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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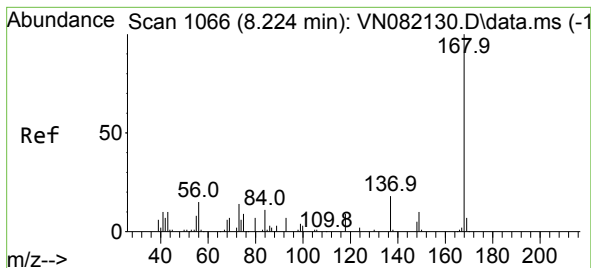
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

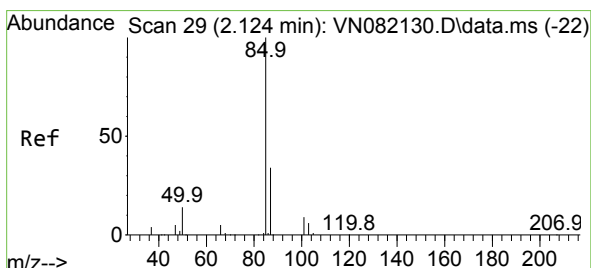
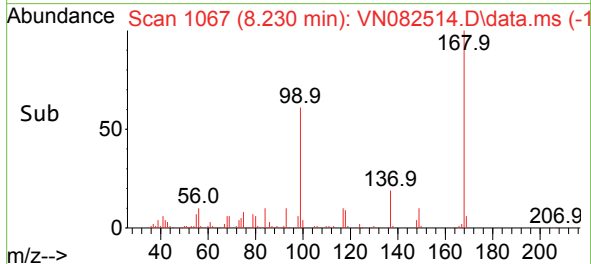
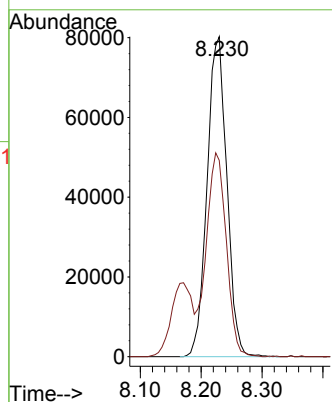
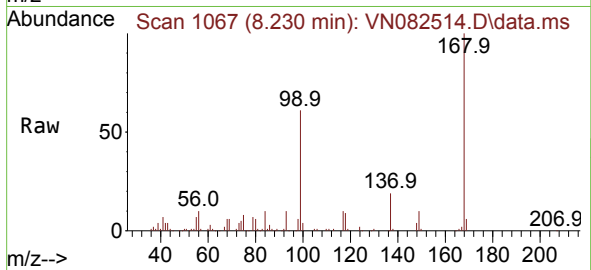
ClientSampleId :

Tgt Ion:168 Resp: 180634

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 19.576 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082514.D

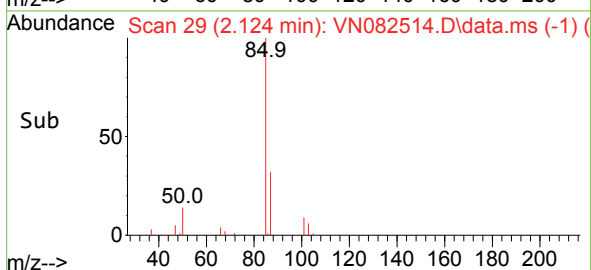
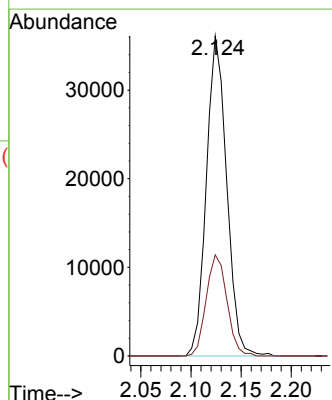
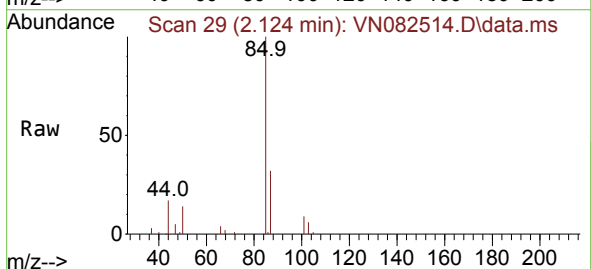
Acq: 10 Jun 2024 14:58

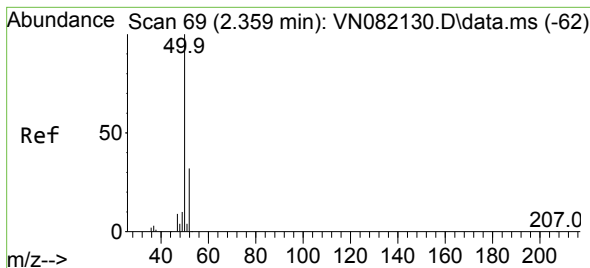
Tgt Ion: 85 Resp: 50981

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4





#3

Chloromethane

Concen: 18.655 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

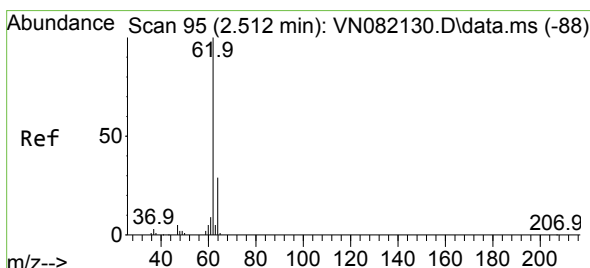
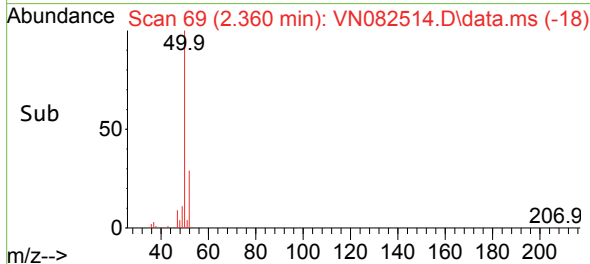
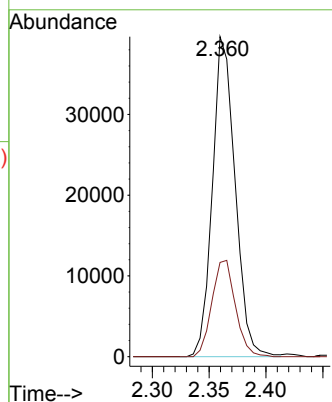
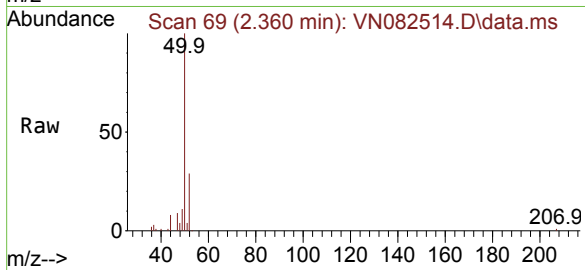
ClientSampleId :

Tgt Ion: 50 Resp: 55060

Ion Ratio Lower Upper

50 100

52 29.5 25.5 38.3



#4

Vinyl Chloride

Concen: 19.260 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN082514.D

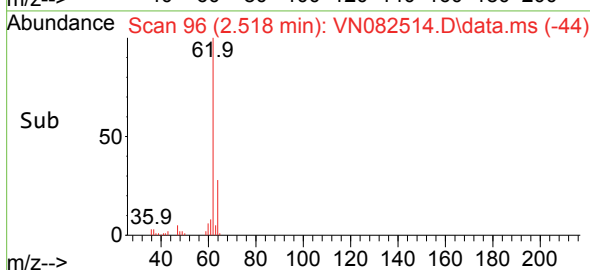
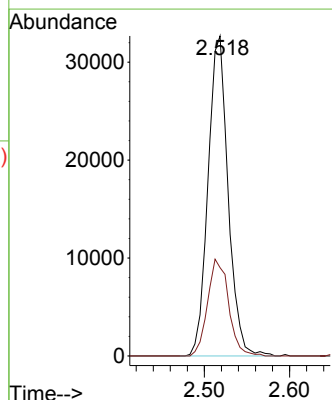
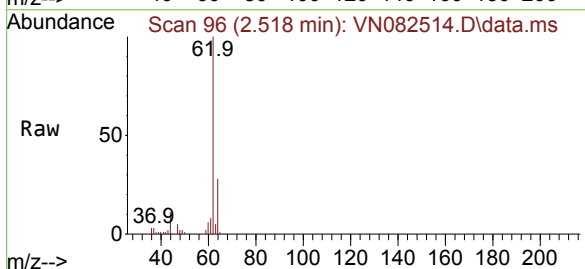
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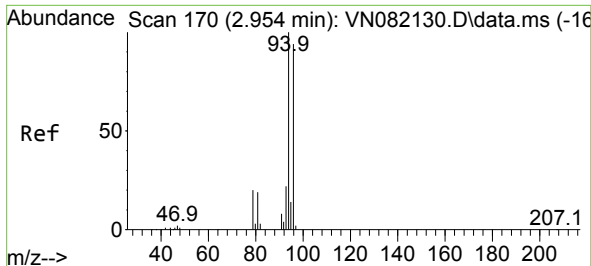
Tgt Ion: 62 Resp: 53439

Ion Ratio Lower Upper

62 100

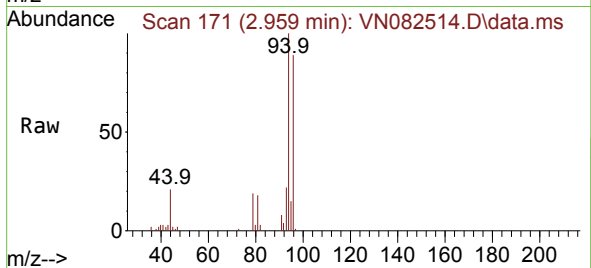
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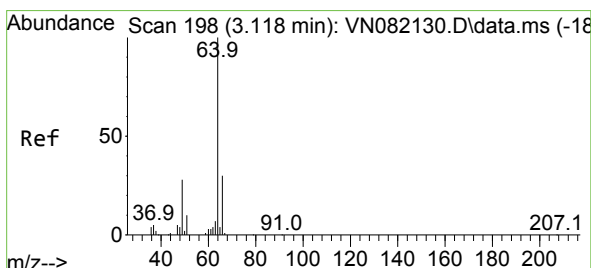
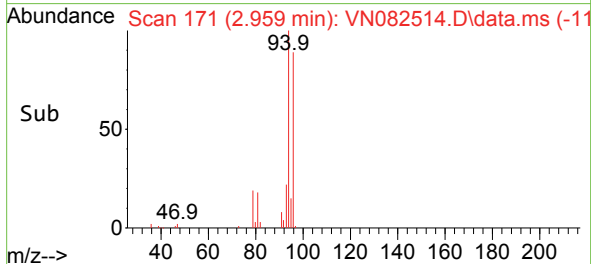
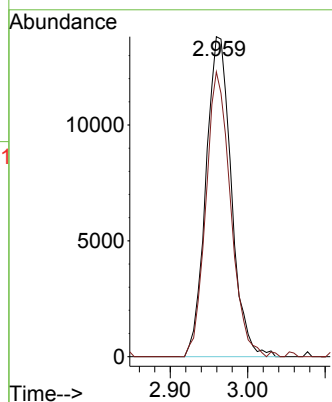


#5
Bromomethane
Concen: 19.718 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082514.D
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ClientSampleId :

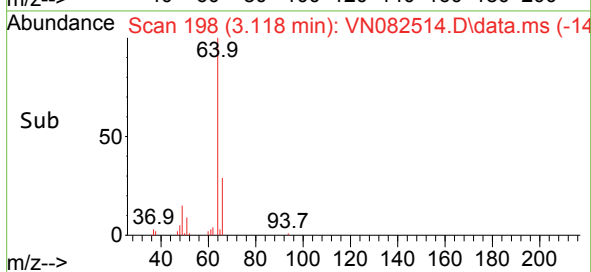
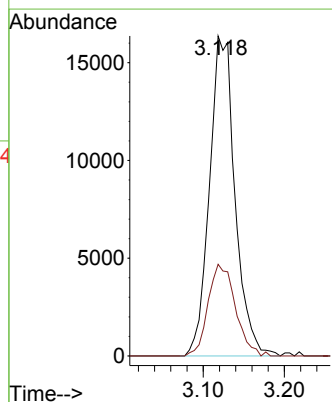
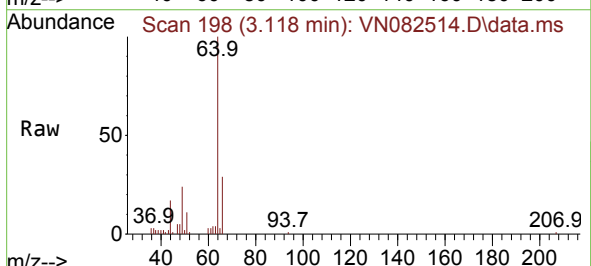


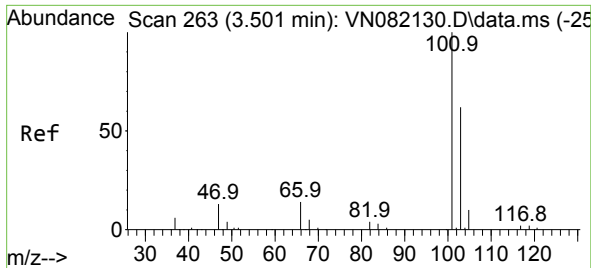
Tgt Ion: 94 Resp: 31447
Ion Ratio Lower Upper
94 100
96 89.0 74.8 112.2



#6
Chloroethane
Concen: 19.754 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082514.D
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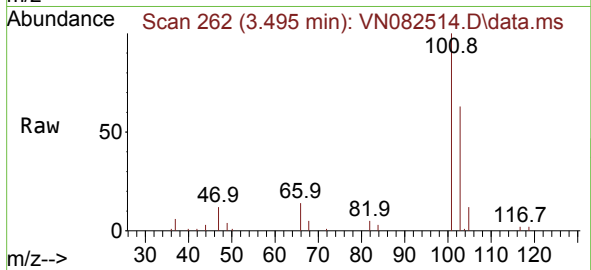
Tgt Ion: 64 Resp: 35790
Ion Ratio Lower Upper
64 100
66 28.6 24.7 37.1



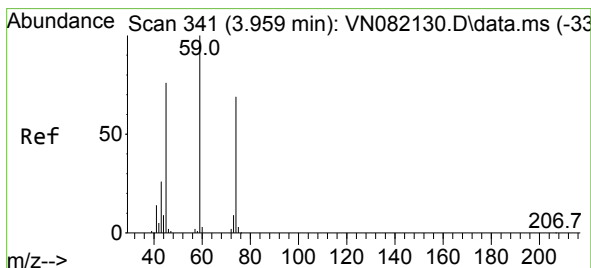
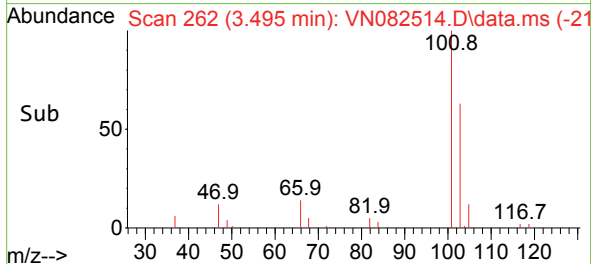
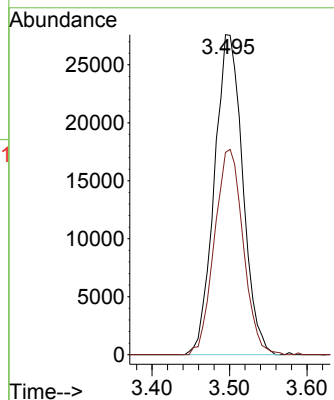


#7
 Trichlorofluoromethane
 Concen: 19.295 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

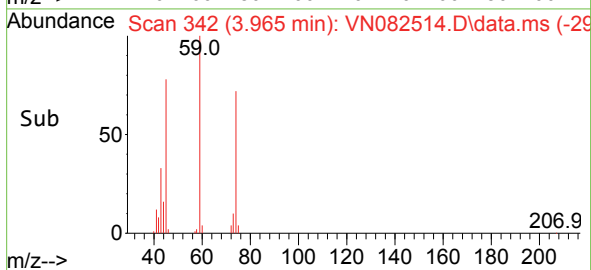
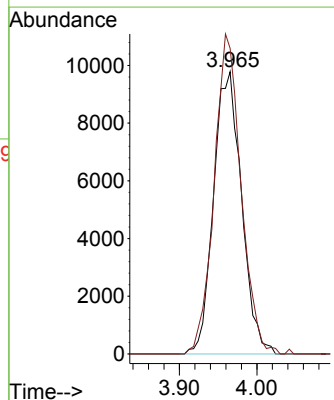
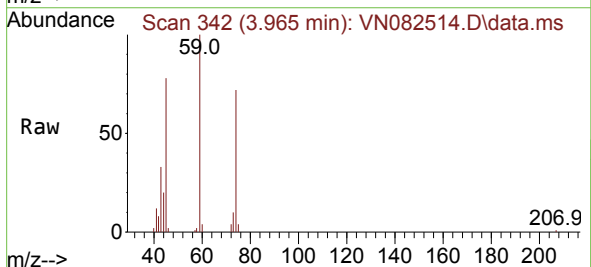


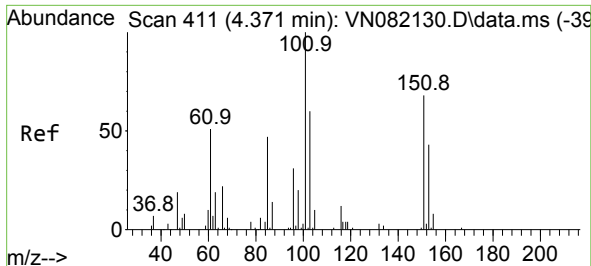
Tgt Ion:101 Resp: 70106
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 75.8



#8
 Diethyl Ether
 Concen: 18.949 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion: 74 Resp: 24527
 Ion Ratio Lower Upper
 74 100
 45 108.9 42.4 127.3

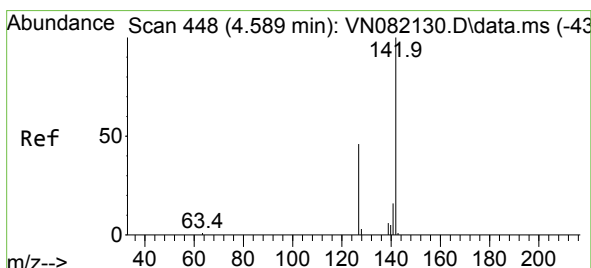
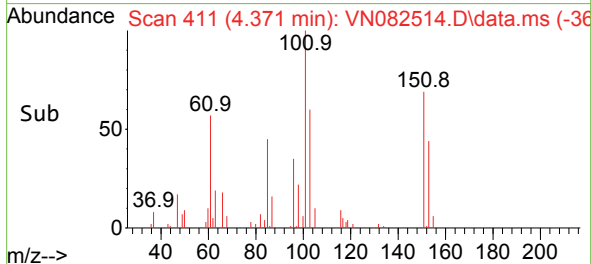
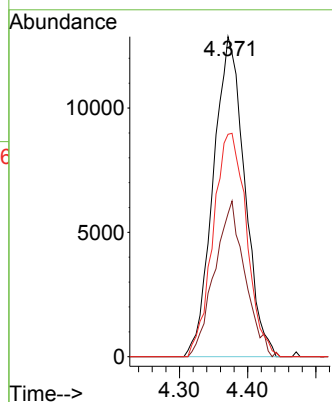
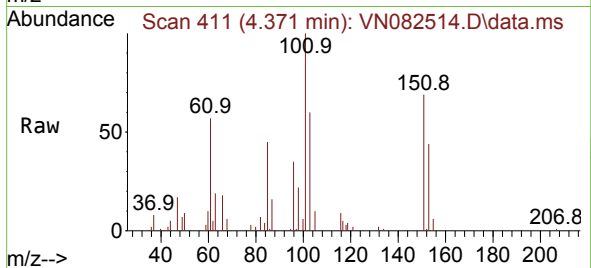




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.401 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

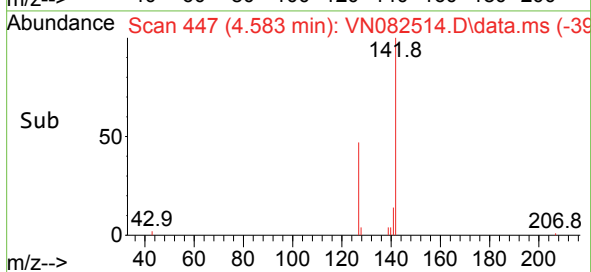
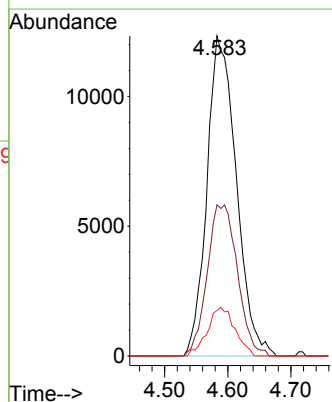
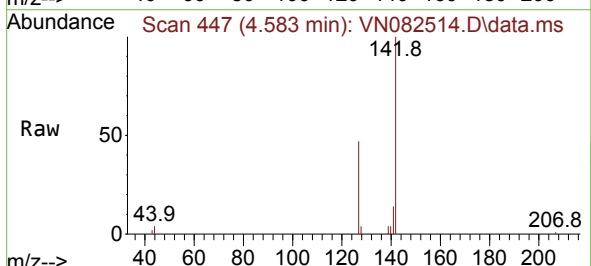
Instrument :
MSVOA_N
ClientSampleId :

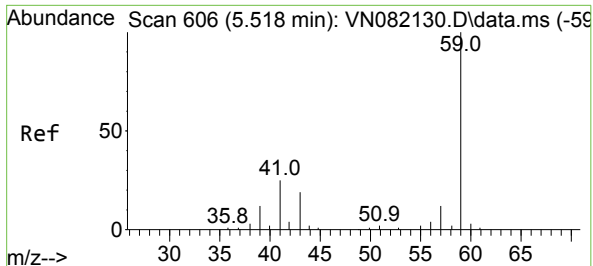
Tgt Ion:101 Resp: 41178
Ion Ratio Lower Upper
101 100
85 47.2 37.3 55.9
151 74.5 59.2 88.8



#10
Methyl Iodide
Concen: 18.663 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:142 Resp: 39820
Ion Ratio Lower Upper
142 100
127 47.2 35.8 53.6
141 14.2 11.4 17.2

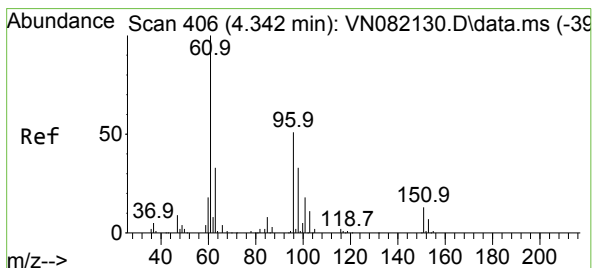
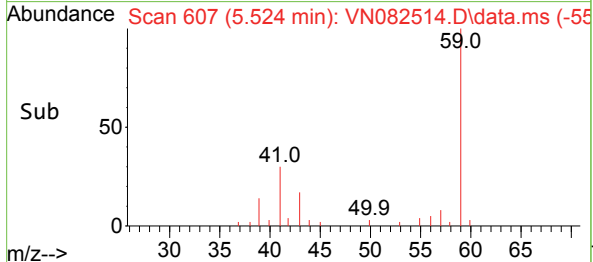
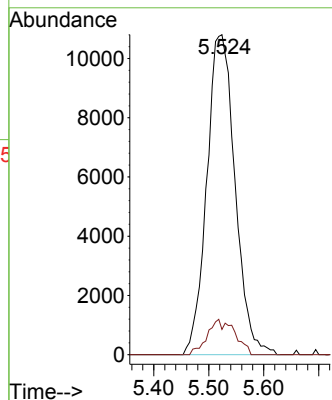
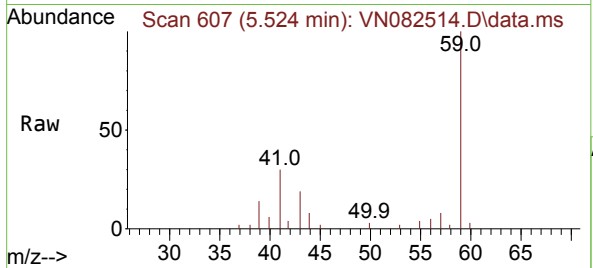




#11
Tert butyl alcohol
Concen: 84.381 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

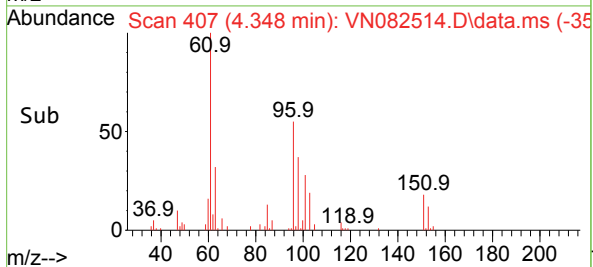
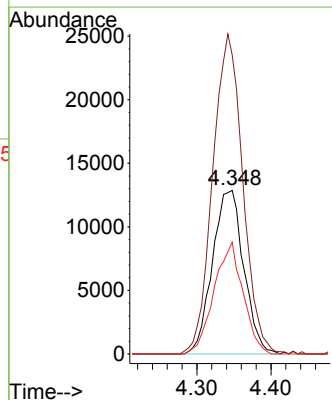
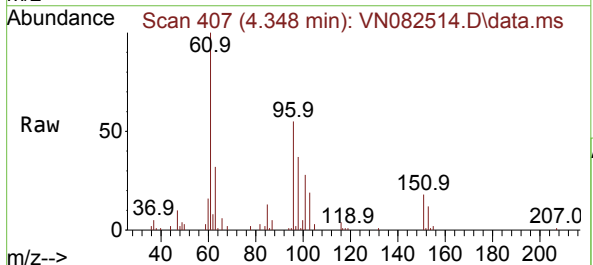
Instrument :
MSVOA_N
ClientSampleId :

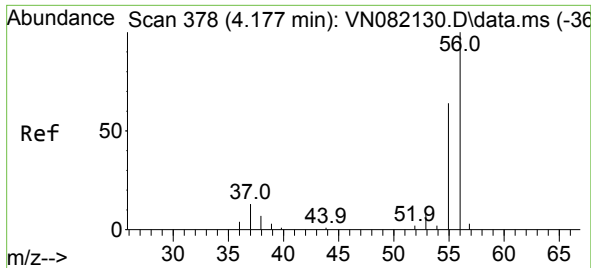
Tgt Ion: 59 Resp: 38634
Ion Ratio Lower Upper
59 100
57 5.8 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 19.132 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 96 Resp: 37742
Ion Ratio Lower Upper
96 100
61 182.7 119.7 179.5#
98 68.3 49.6 74.4





#13

Acrolein

Concen: 91.316 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

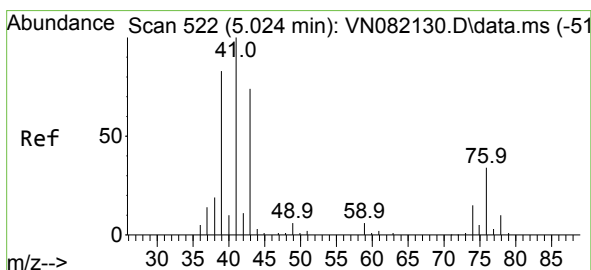
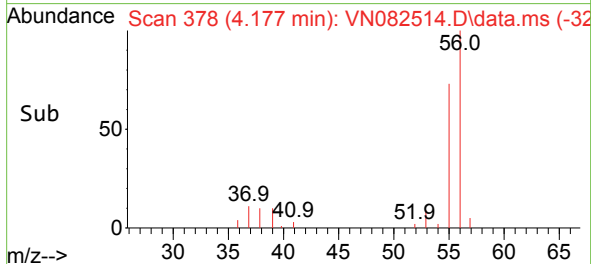
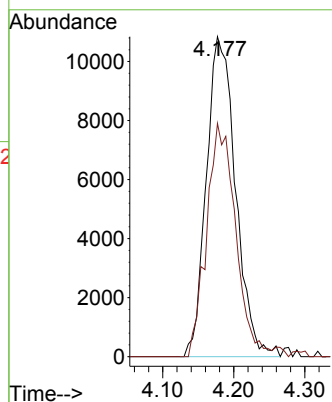
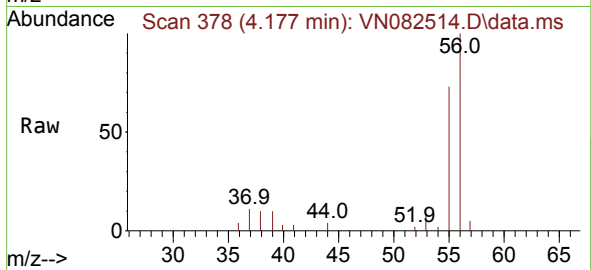
ClientSampleId :

Tgt Ion: 56 Resp: 30982

Ion Ratio Lower Upper

56 100

55 72.2 55.8 83.8



#14

Allyl chloride

Concen: 17.481 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

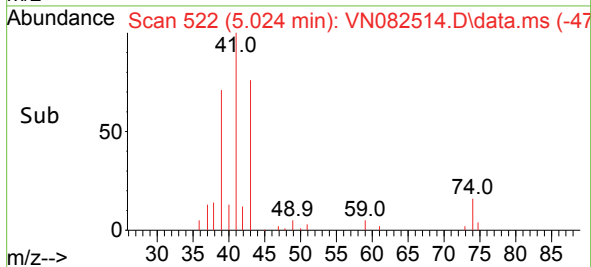
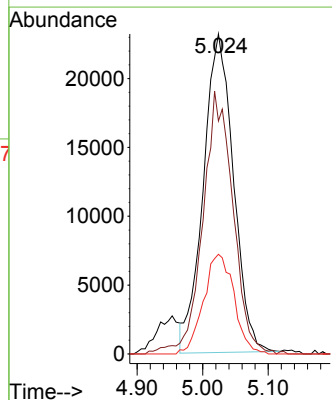
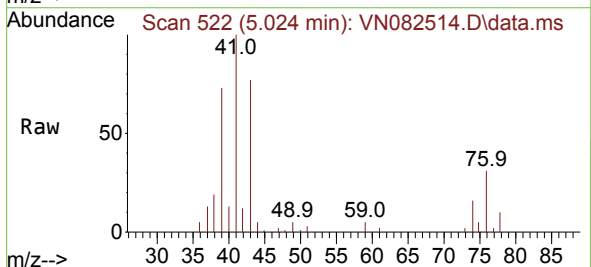
Tgt Ion: 41 Resp: 73832

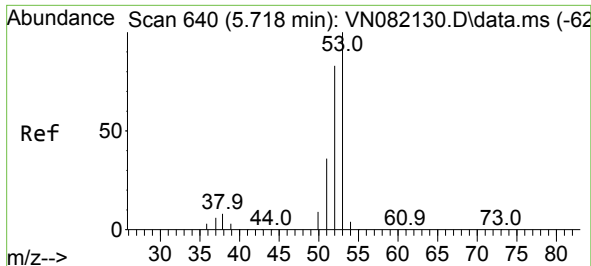
Ion Ratio Lower Upper

41 100

39 82.7 65.4 98.0

76 31.7 37.3 55.9#

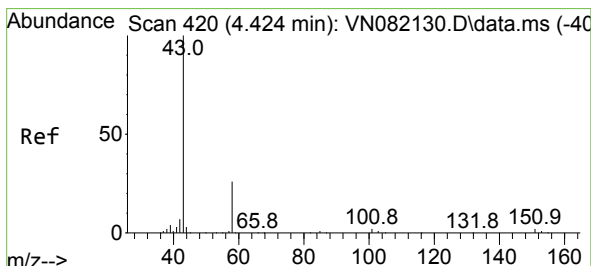
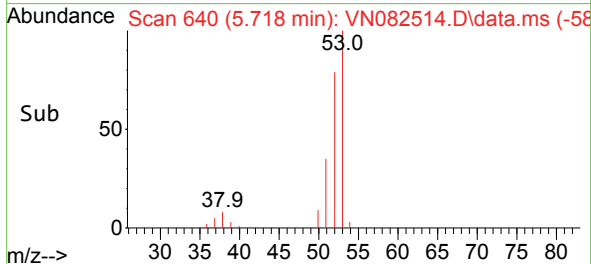
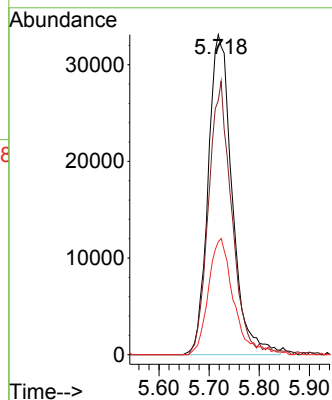
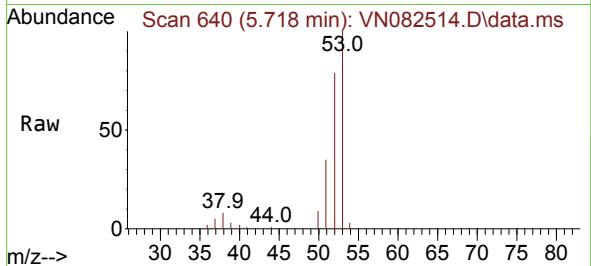




#15
Acrylonitrile
Concen: 93.122 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

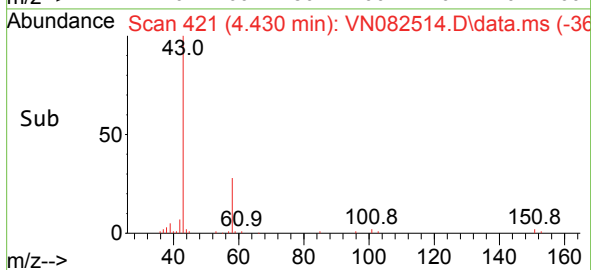
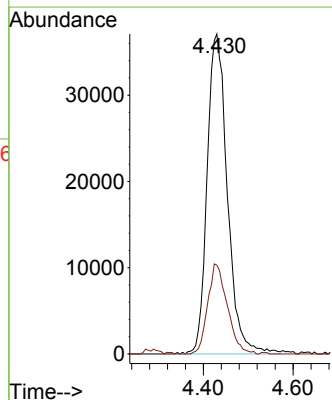
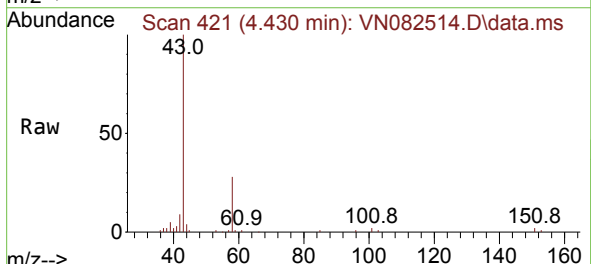
Instrument :
MSVOA_N
ClientSampleId :

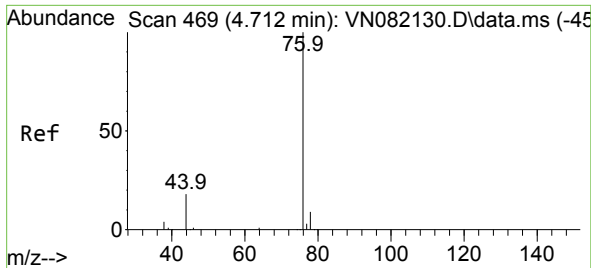
Tgt Ion: 53 Resp: 110422
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 38.3 29.4 44.2



#16
Acetone
Concen: 99.262 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 43 Resp: 116141
Ion Ratio Lower Upper
43 100
58 27.7 25.2 37.8

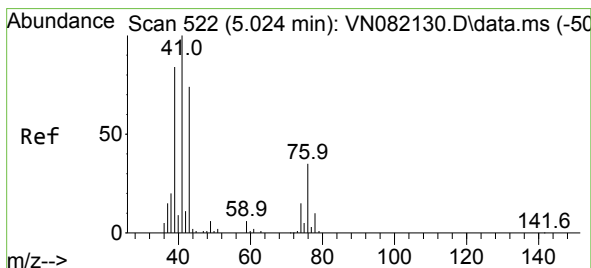
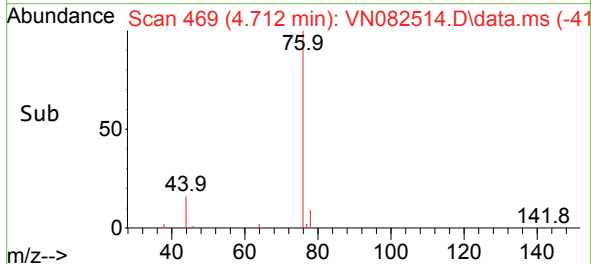
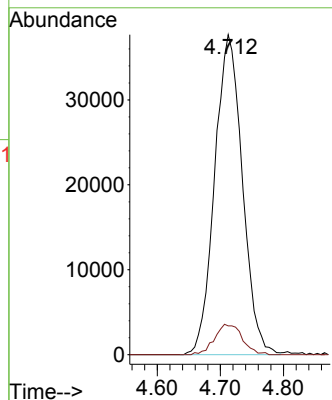
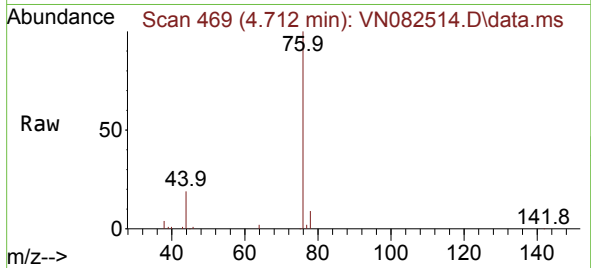




#17
Carbon Disulfide
Concen: 18.042 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

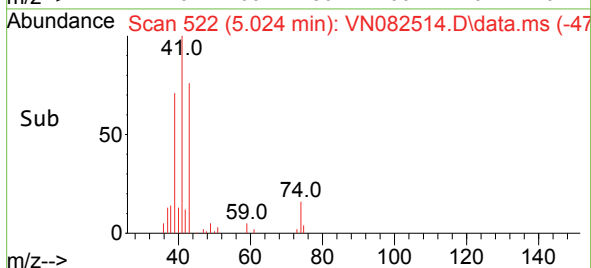
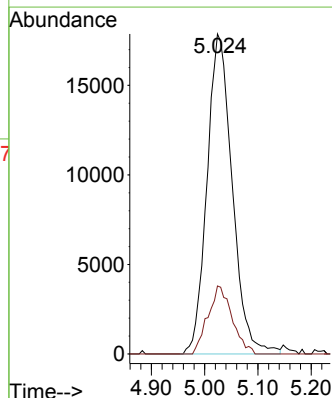
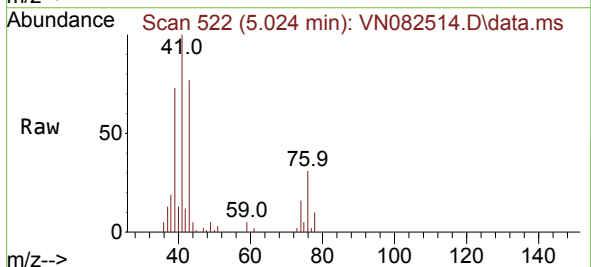
Instrument :
MSVOA_N
ClientSampleId :

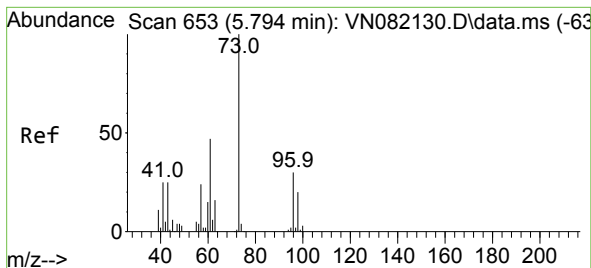
Tgt Ion: 76 Resp: 114957
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 20.195 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 43 Resp: 58845
Ion Ratio Lower Upper
43 100
74 20.3 22.2 33.2#





#19

Methyl tert-butyl Ether

Concen: 18.611 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

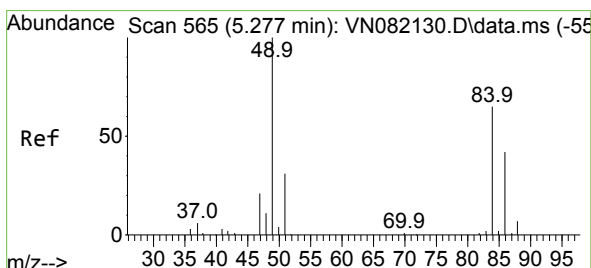
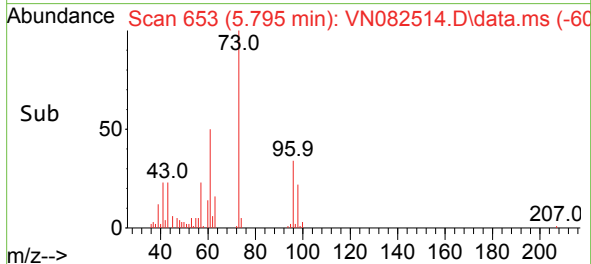
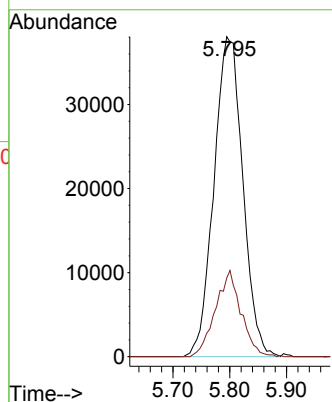
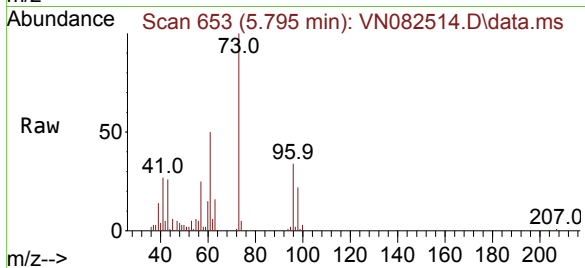
ClientSampleId :

Tgt Ion: 73 Resp: 134202

Ion Ratio Lower Upper

73 100

57 24.6 16.5 24.7



#20

Methylene Chloride

Concen: 19.018 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Tgt Ion: 84 Resp: 44896

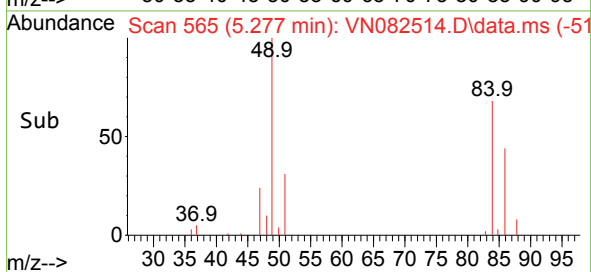
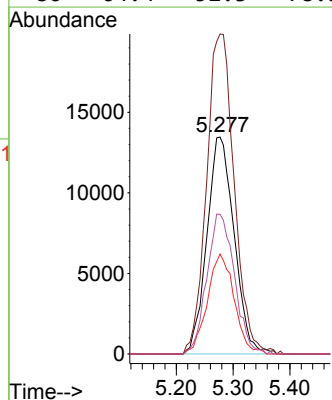
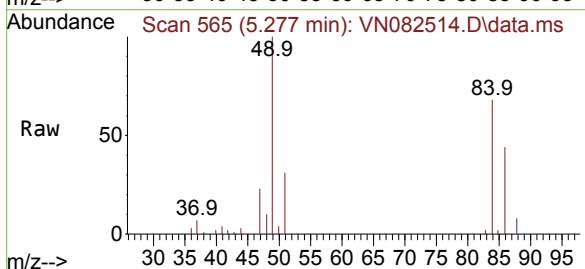
Ion Ratio Lower Upper

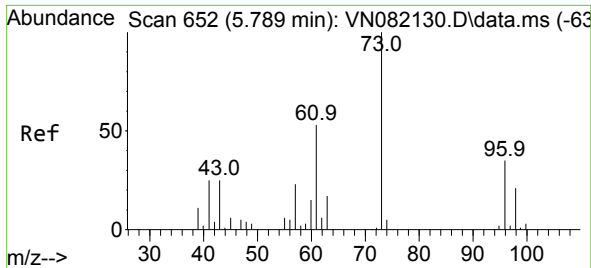
84 100

49 147.5 84.9 127.3#

51 46.0 27.0 40.6#

86 64.4 52.3 78.5

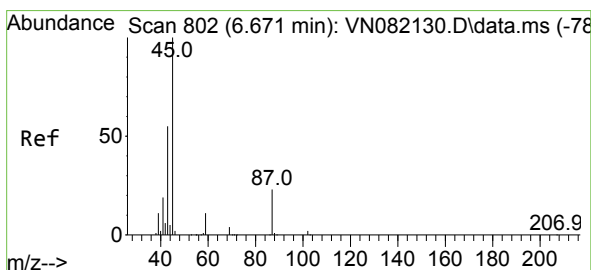
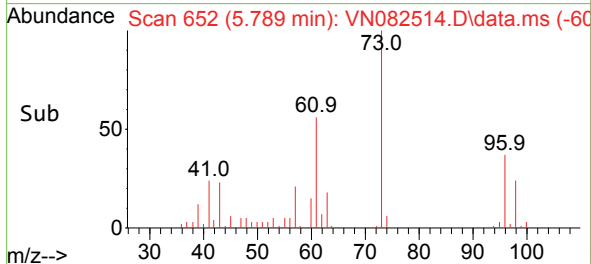
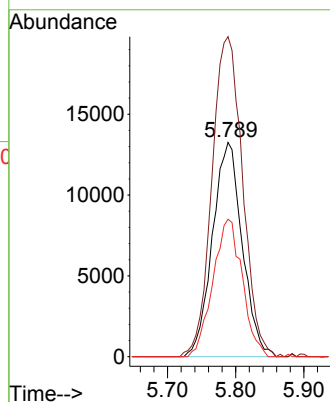
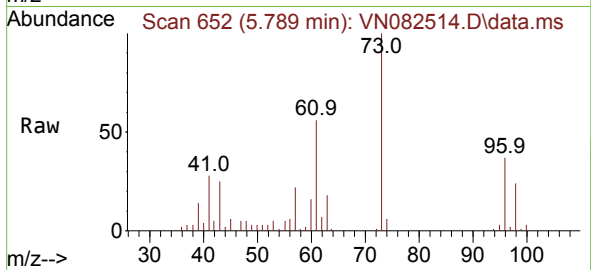




#21
trans-1,2-Dichloroethene
Concen: 18.715 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

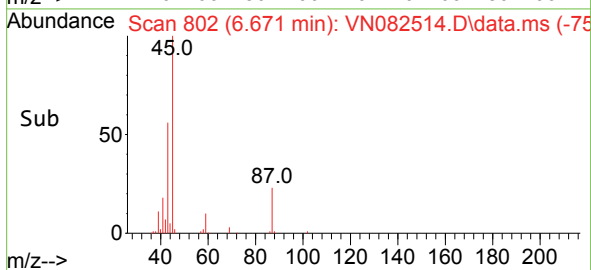
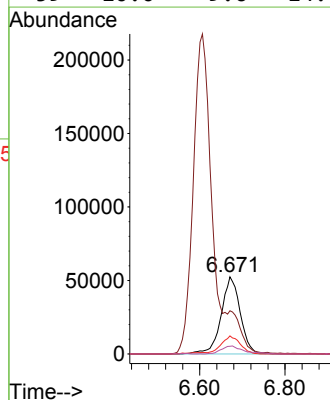
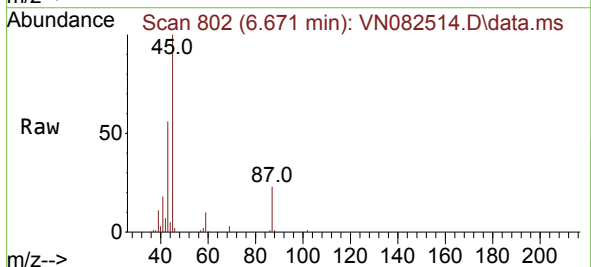
Instrument :
MSVOA_N
ClientSampleId :

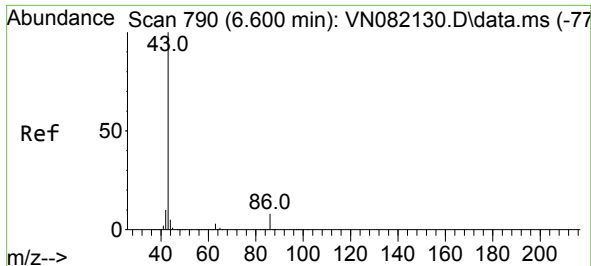
Tgt Ion: 96 Resp: 40234
Ion Ratio Lower Upper
96 100
61 149.3 96.5 144.7#
98 64.1 51.3 76.9



#22
Diisopropyl ether
Concen: 18.483 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 45 Resp: 163007
Ion Ratio Lower Upper
45 100
43 54.9 44.1 66.1
87 23.4 27.0 40.6#
59 10.0 9.6 14.4

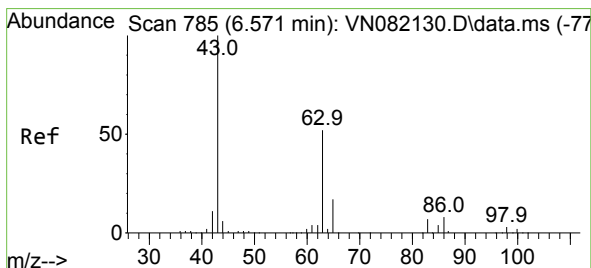
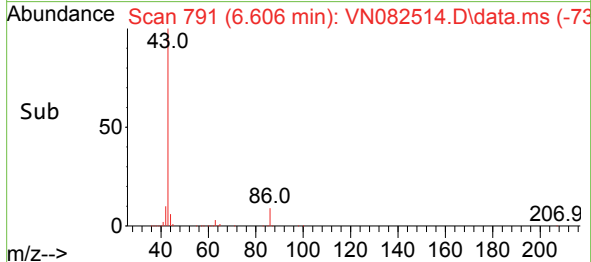
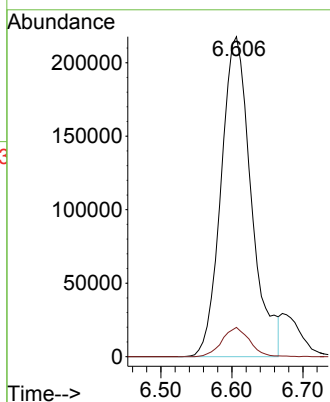
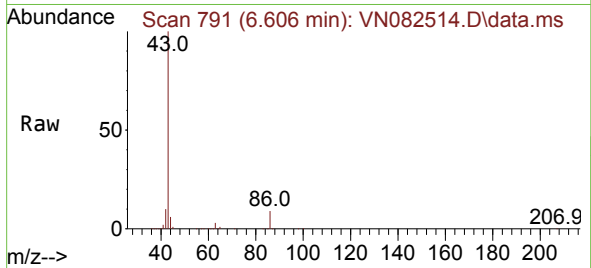




#23
 Vinyl Acetate
 Concen: 92.511 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

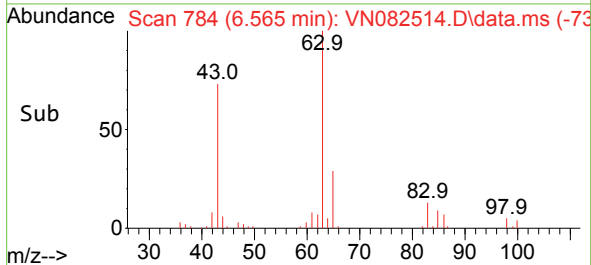
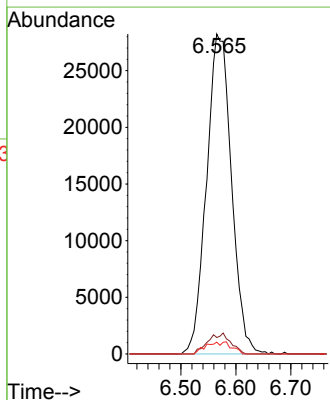
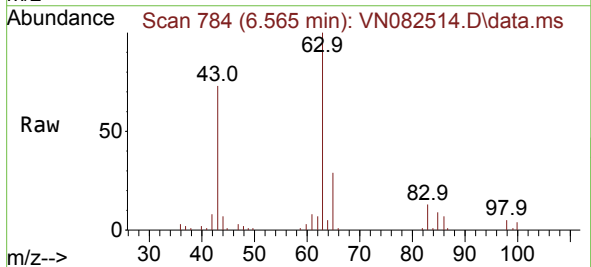
Instrument :
 MSVOA_N
 ClientSampleId :

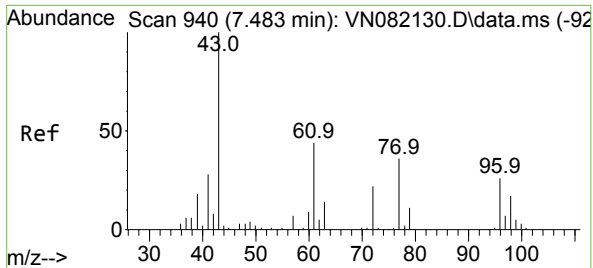
Tgt Ion: 43 Resp: 643277
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.585 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion: 63 Resp: 89030
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.6 10.9
 100 3.7 2.6 7.8

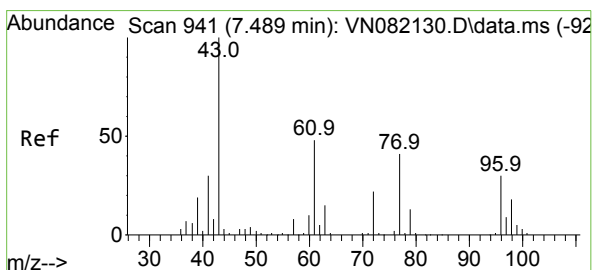
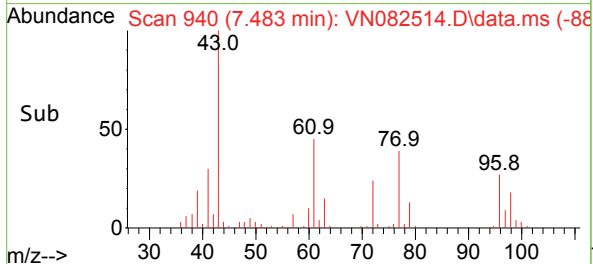
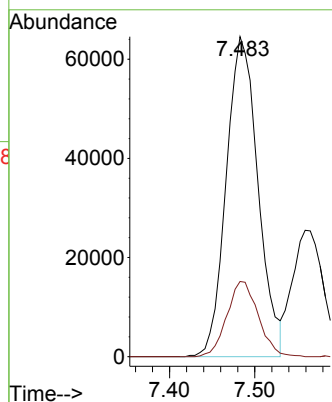
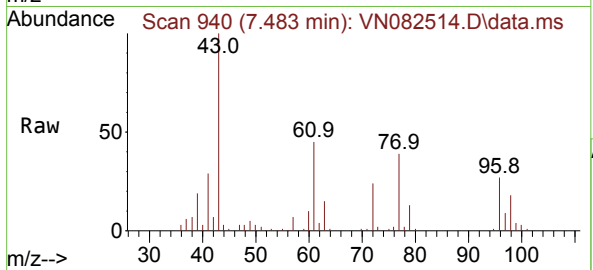




#25
2-Butanone
Concen: 94.377 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

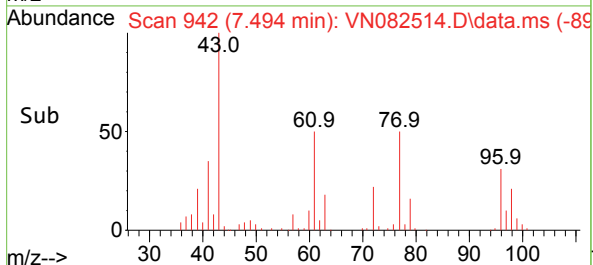
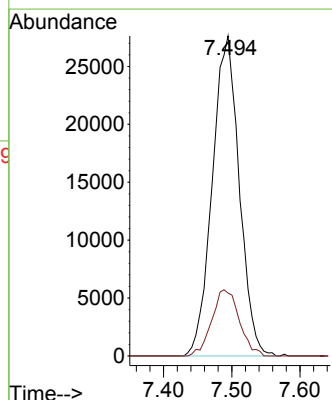
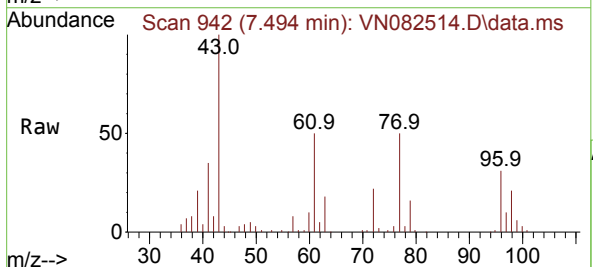
Instrument :
MSVOA_N
ClientSampleId :

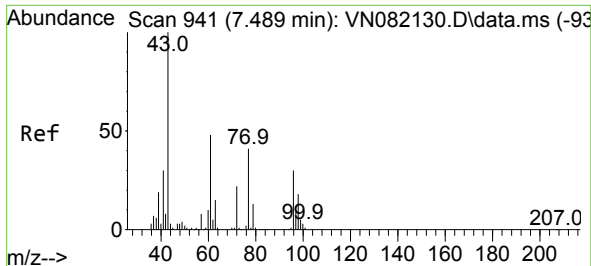
Tgt Ion: 43 Resp: 167422
Ion Ratio Lower Upper
43 100
72 23.6 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 19.969 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

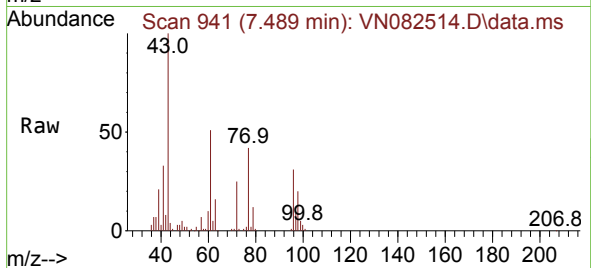
Tgt Ion: 77 Resp: 76032
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.9



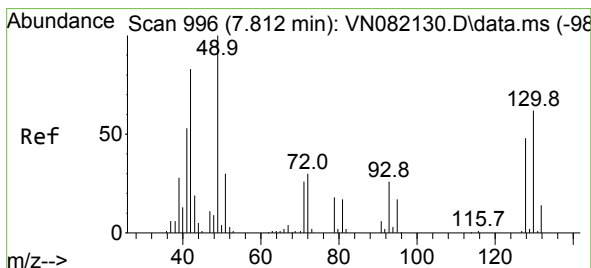
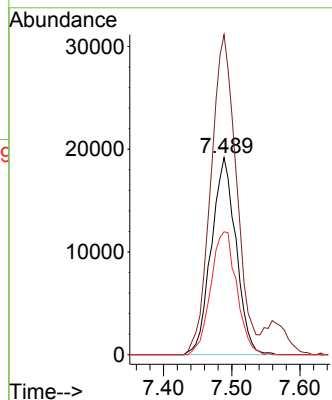
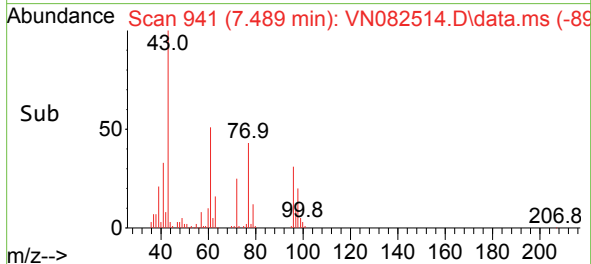


#27
 cis-1,2-Dichloroethene
 Concen: 19.056 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

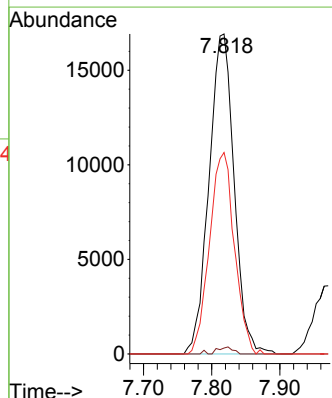
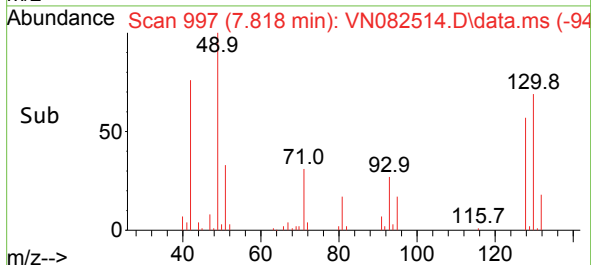
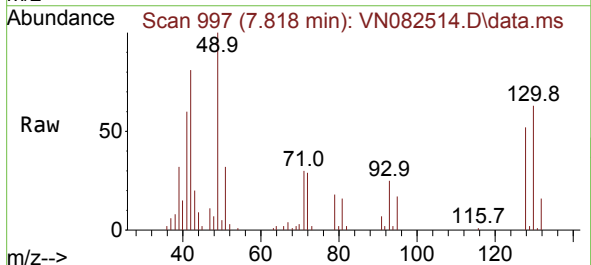


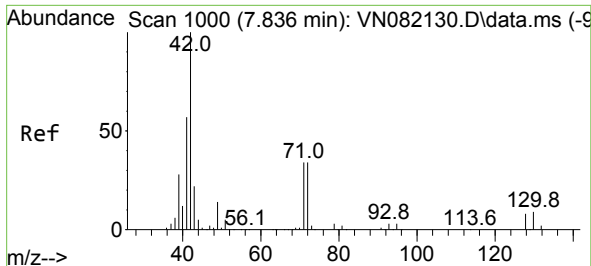
Tgt Ion: 96 Resp: 48348
 Ion Ratio Lower Upper
 96 100
 61 169.1 0.0 268.0
 98 65.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 21.366 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion: 49 Resp: 43428
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 62.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 91.382 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.005 min

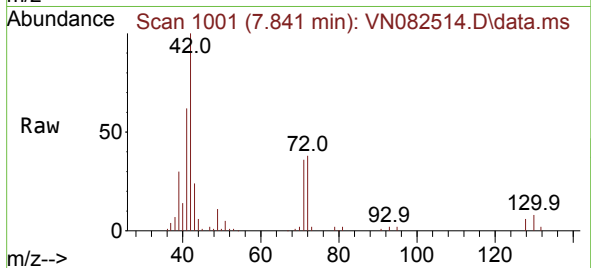
Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



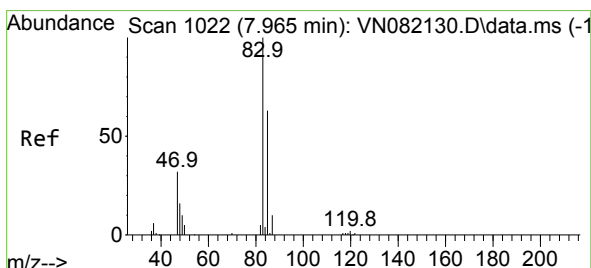
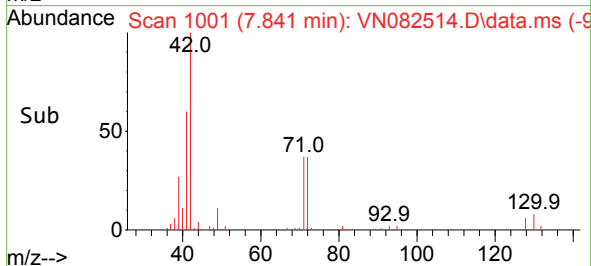
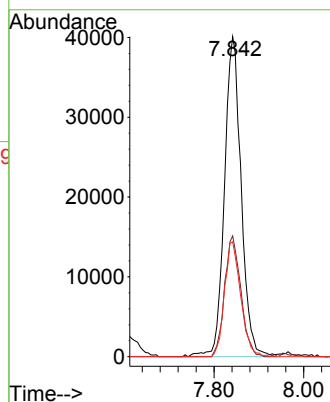
Tgt Ion: 42 Resp: 104083

Ion Ratio Lower Upper

42 100

72 36.7 39.3 58.9#

71 34.7 37.4 56.0#



#30

Chloroform

Concen: 19.314 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082514.D

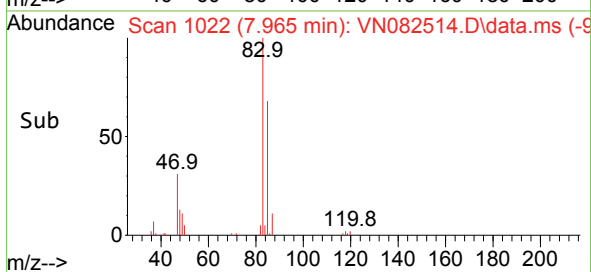
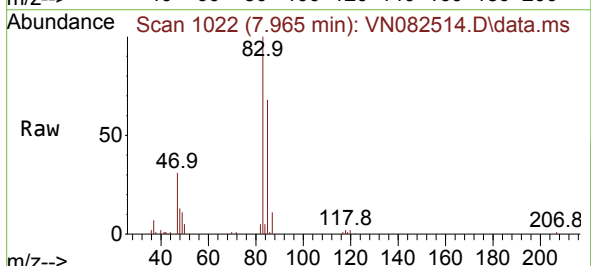
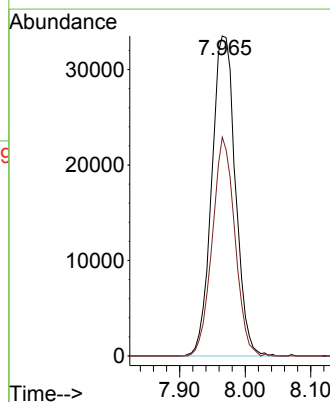
Acq: 10 Jun 2024 14:58

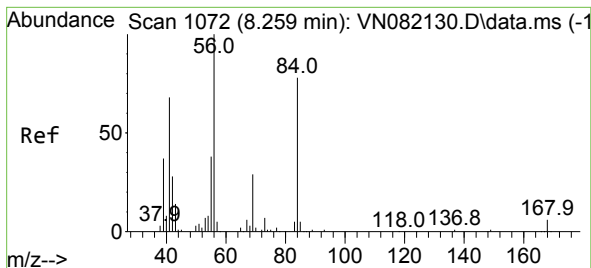
Tgt Ion: 83 Resp: 83841

Ion Ratio Lower Upper

83 100

85 68.4 50.7 76.1





#31

Cyclohexane

Concen: 17.757 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

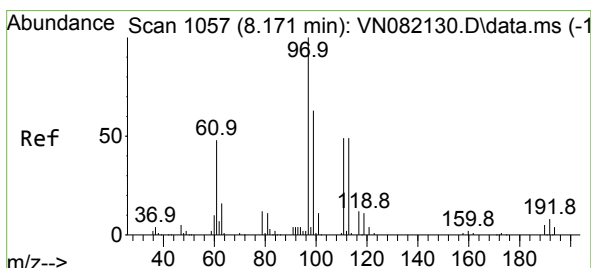
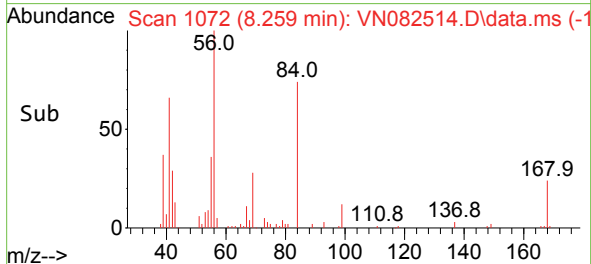
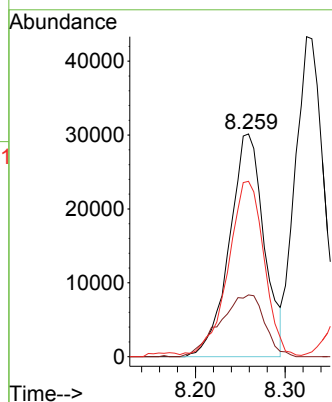
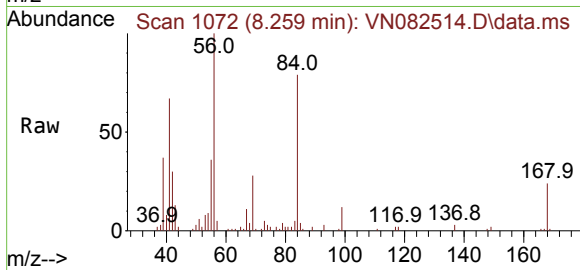
Tgt Ion: 56 Resp: 80892

Ion Ratio Lower Upper

56 100

69 27.7 24.4 36.6

84 77.8 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 19.788 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

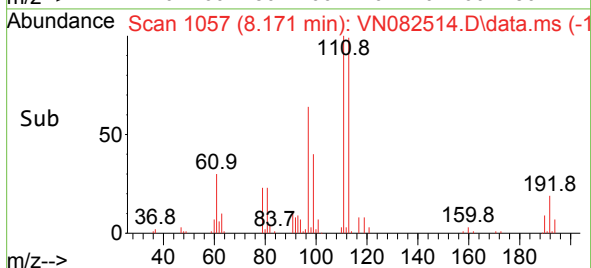
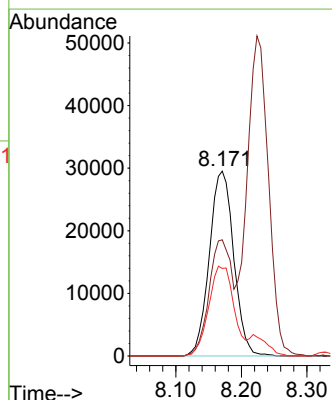
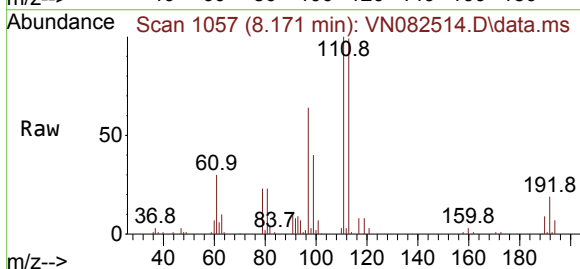
Tgt Ion: 97 Resp: 76208

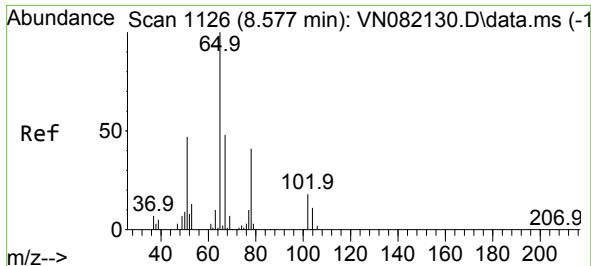
Ion Ratio Lower Upper

97 100

99 57.8 50.3 75.5

61 50.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.520 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

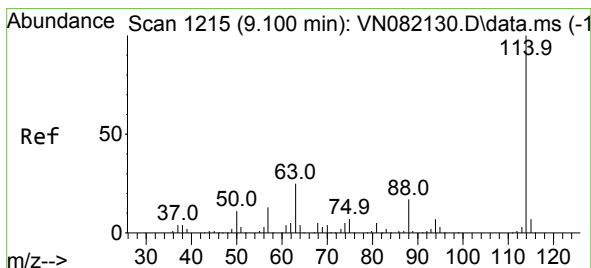
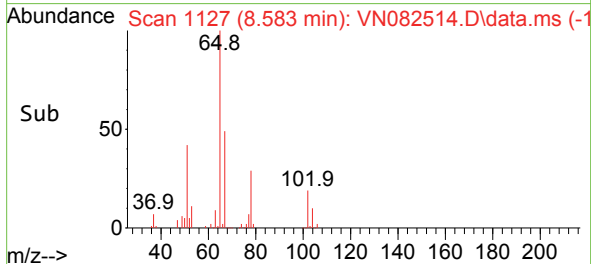
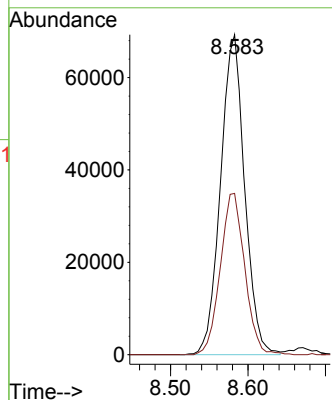
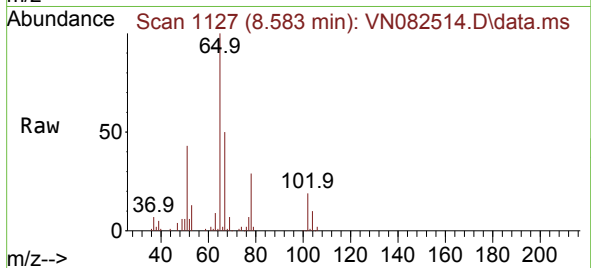
ClientSampleId :

Tgt Ion: 65 Resp: 149801

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

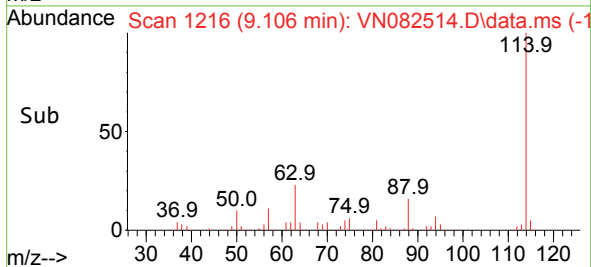
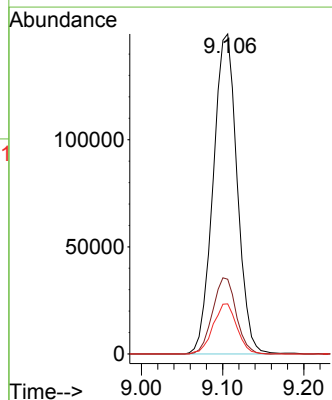
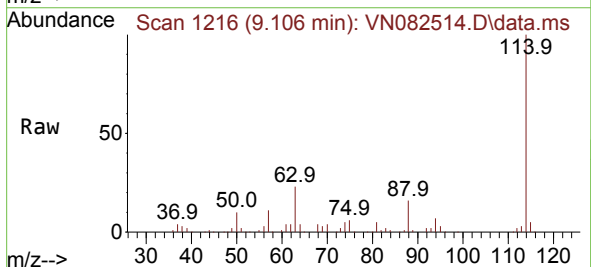
Tgt Ion: 114 Resp: 306686

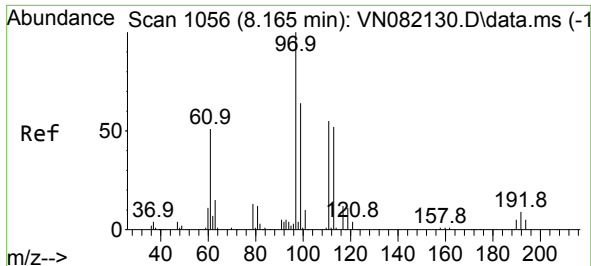
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

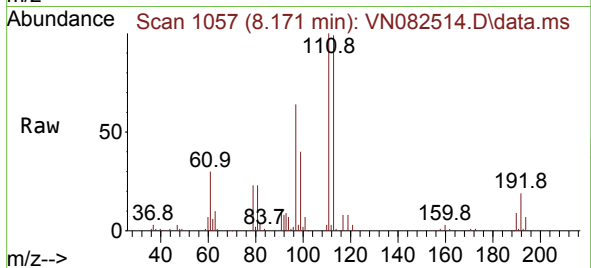
88 15.7 0.0 31.4



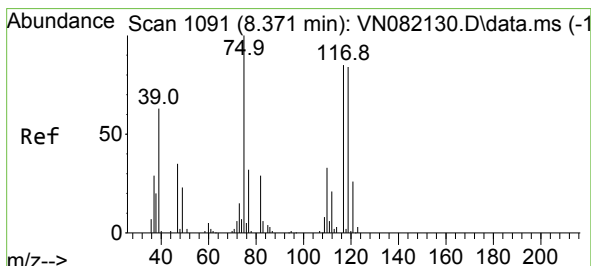
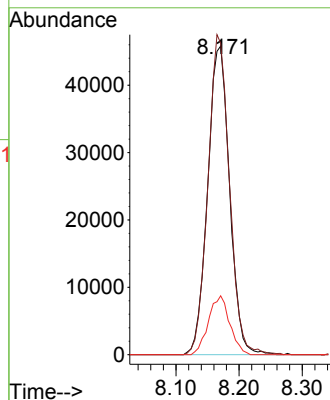
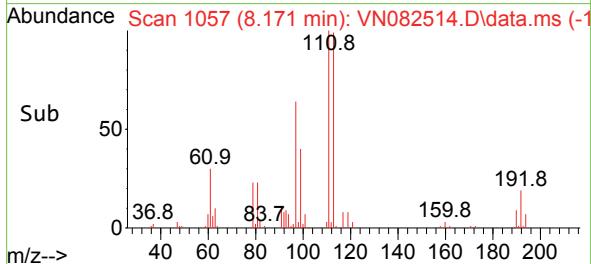


#35
Dibromofluoromethane
Concen: 58.582 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

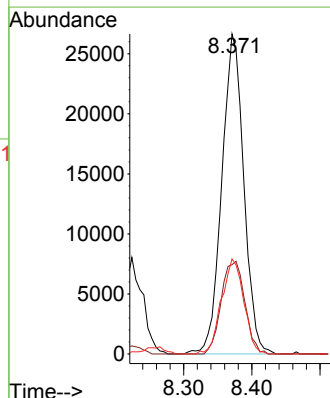
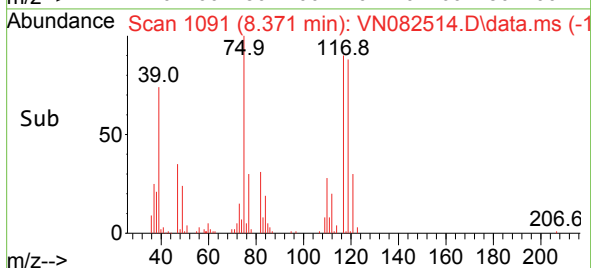
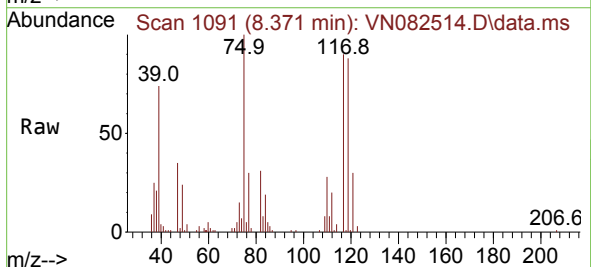


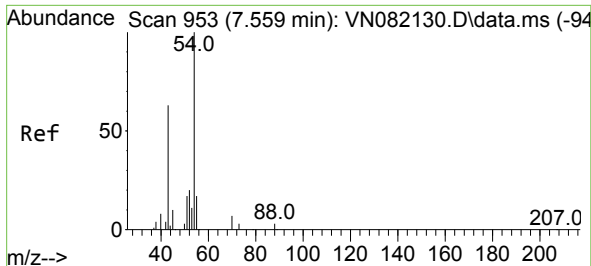
Tgt Ion:113 Resp: 110520
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.899 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

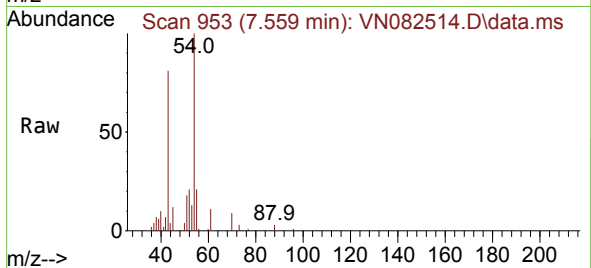
Tgt Ion: 75 Resp: 59800
Ion Ratio Lower Upper
75 100
110 31.0 17.8 53.5
77 30.1 25.0 37.4



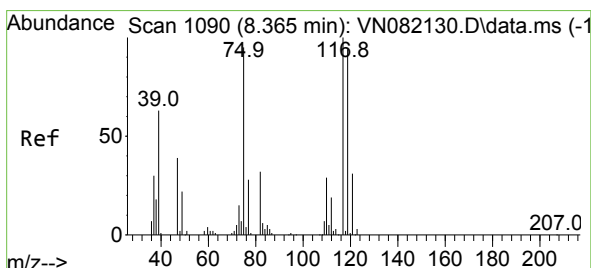
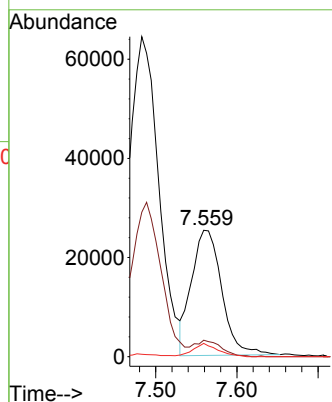
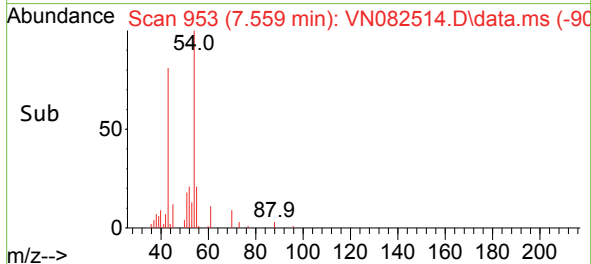


#37
Ethyl Acetate
Concen: 18.506 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

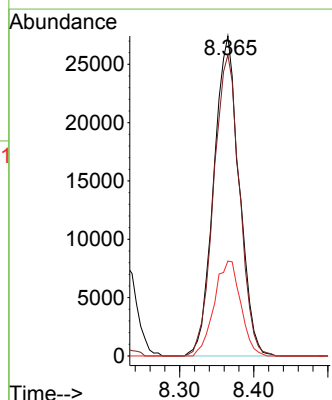
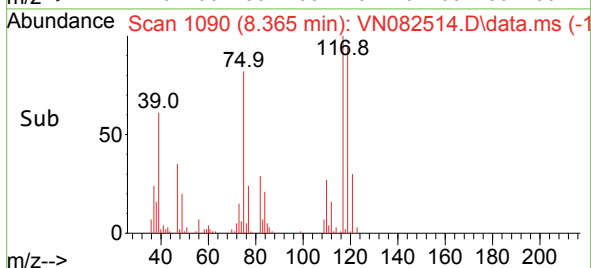
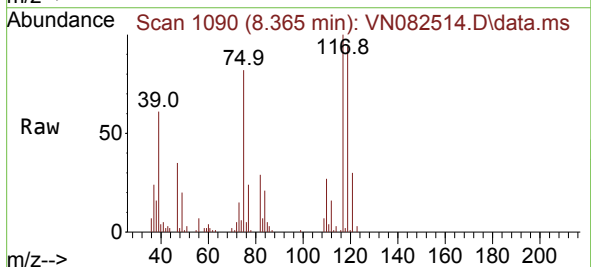


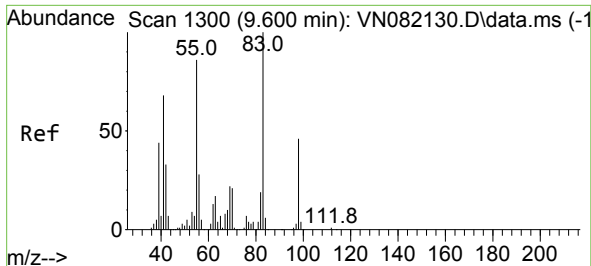
Tgt Ion: 43 Resp: 65529
Ion Ratio Lower Upper
43 100
61 11.2 11.3 16.9#
70 8.6 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 20.323 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 117 Resp: 65186
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
121 29.7 23.9 35.9





#39

Methylcyclohexane

Concen: 18.491 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

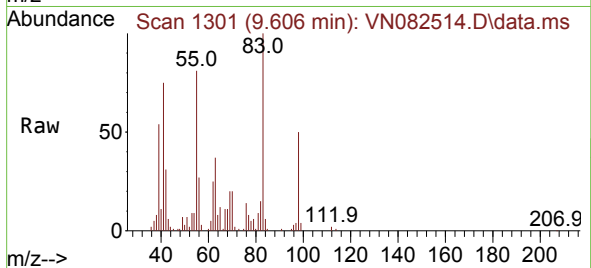
Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



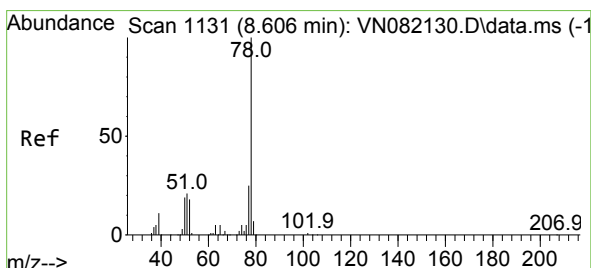
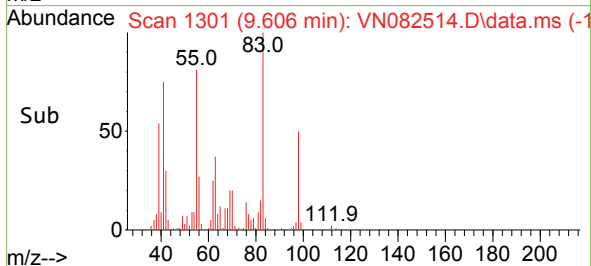
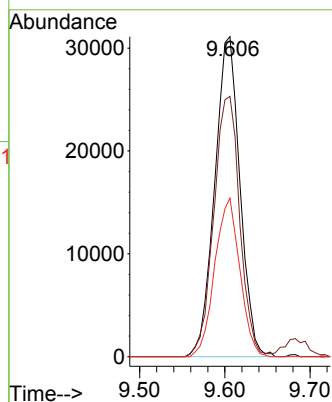
Tgt Ion: 83 Resp: 64131

Ion Ratio Lower Upper

83 100

55 81.4 53.0 79.6#

98 49.5 37.1 55.7



#40

Benzene

Concen: 19.603 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082514.D

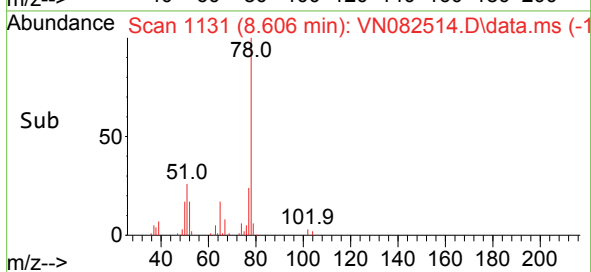
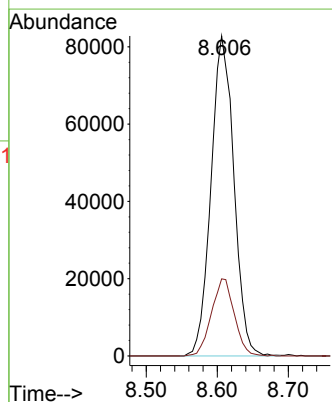
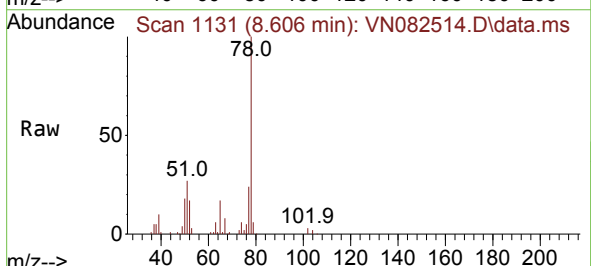
Acq: 10 Jun 2024 14:58

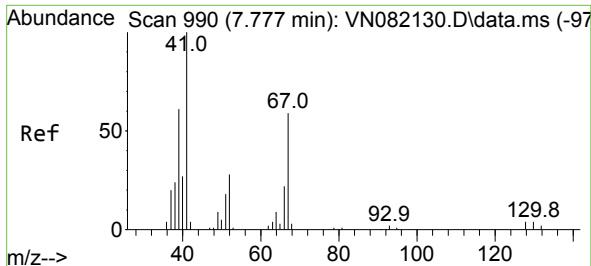
Tgt Ion: 78 Resp: 184958

Ion Ratio Lower Upper

78 100

77 24.1 20.0 30.0

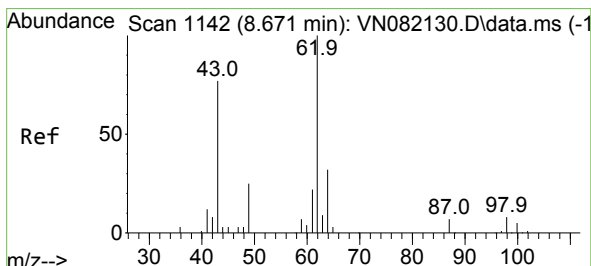
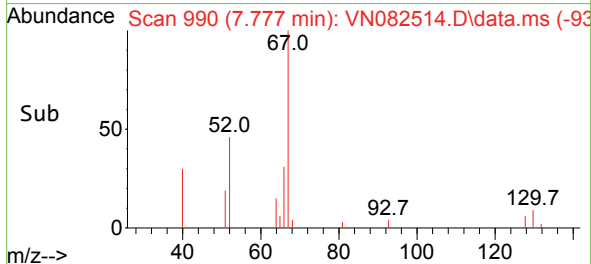
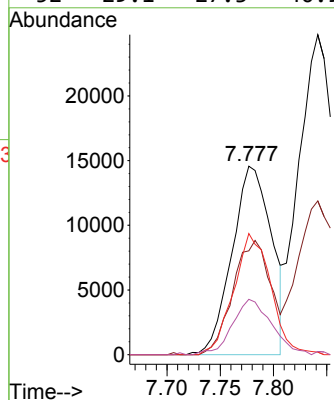
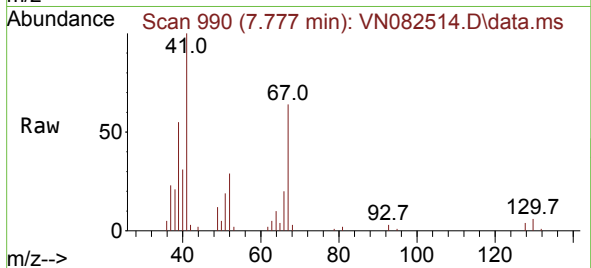




#41
Methacrylonitrile
Concen: 18.033 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

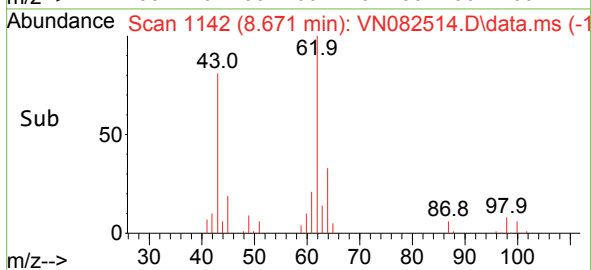
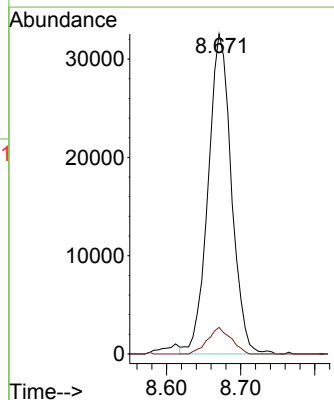
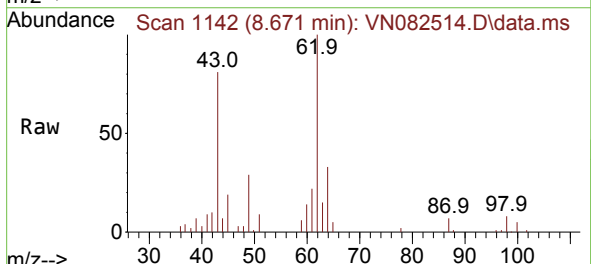
Instrument :
MSVOA_N
ClientSampleId :

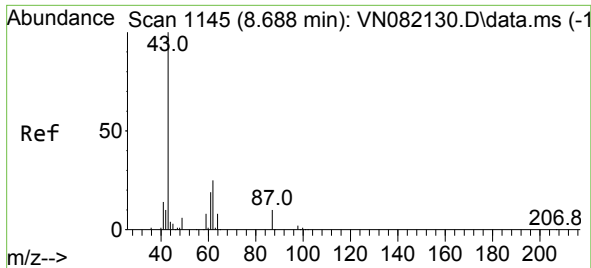
Tgt Ion: 41	Resp: 37554
Ion Ratio	Lower Upper
41 100	
39 58.1	46.6 69.8
67 60.5	67.3 100.9#
52 29.1	27.3 40.9



#42
1,2-Dichloroethane
Concen: 19.620 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

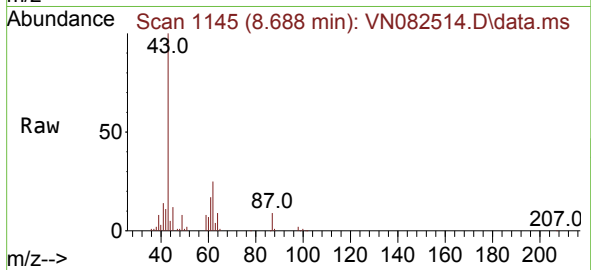
Tgt Ion: 62	Resp: 71198
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 19.6



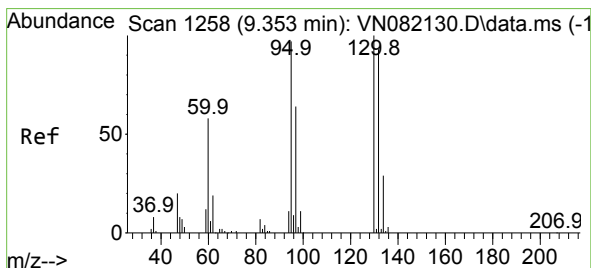
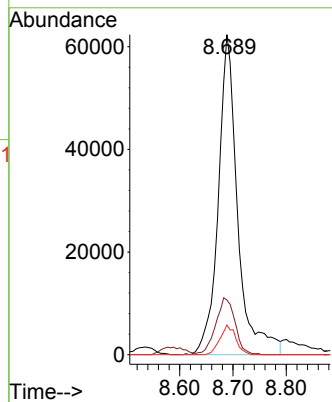
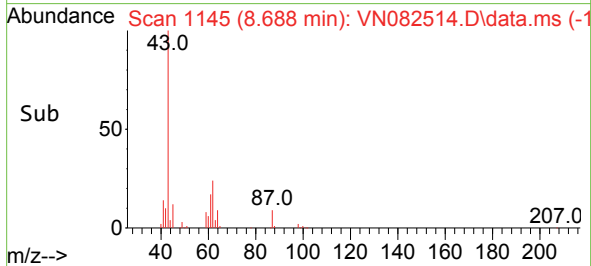


#43
Isopropyl Acetate
Concen: 25.108 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

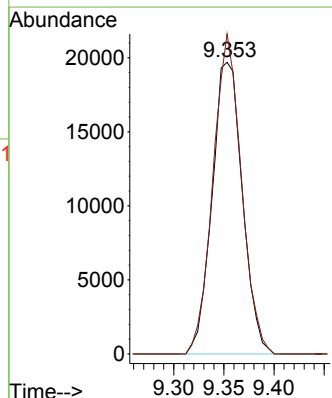
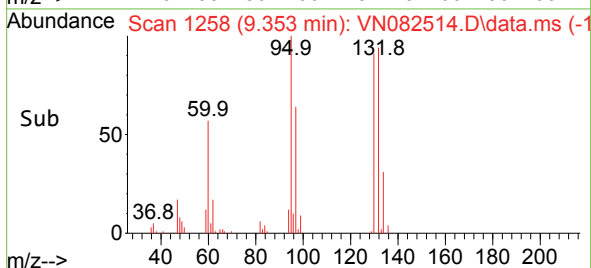
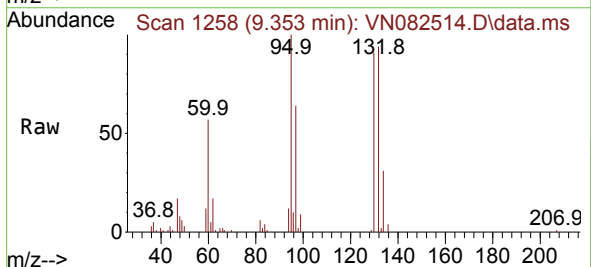


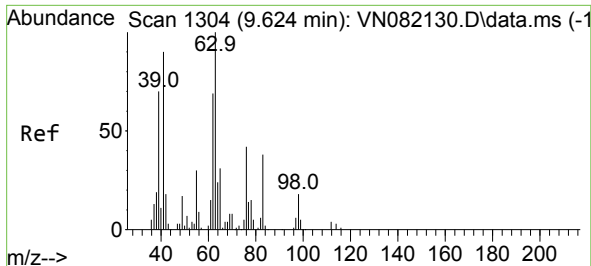
Tgt Ion: 43 Resp: 157539
Ion Ratio Lower Upper
43 100
61 17.7 22.8 34.2#
87 7.5 12.0 18.0#



#44
Trichloroethene
Concen: 19.290 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

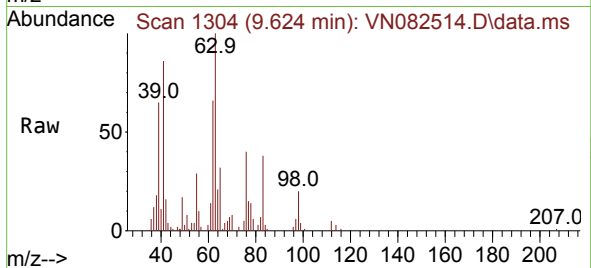
Tgt Ion:130 Resp: 41345
Ion Ratio Lower Upper
130 100
95 109.7 0.0 195.4



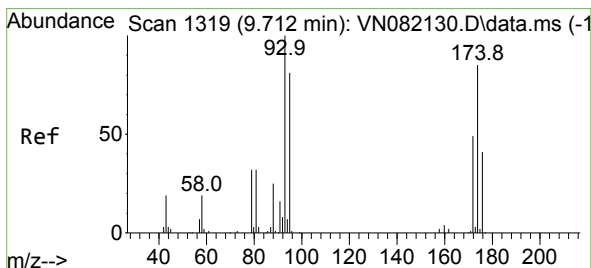
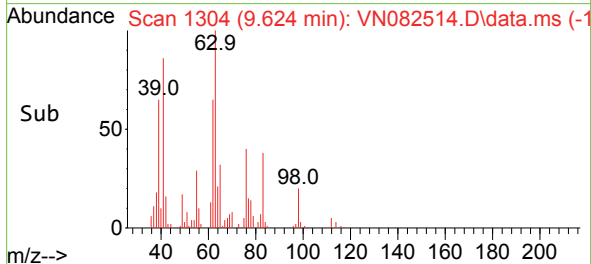
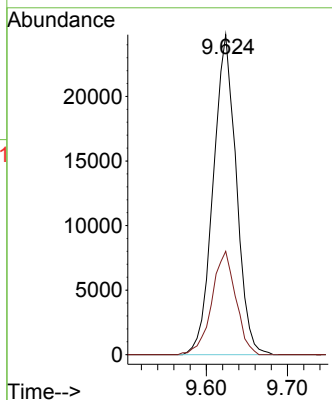


#45
1,2-Dichloropropane
Concen: 20.056 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

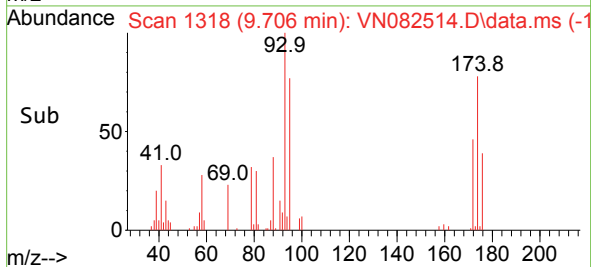
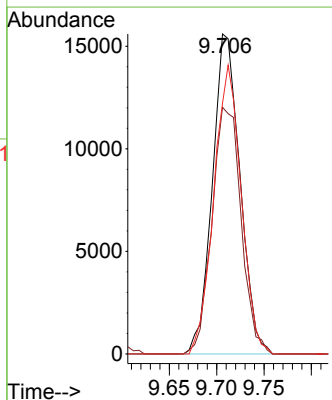
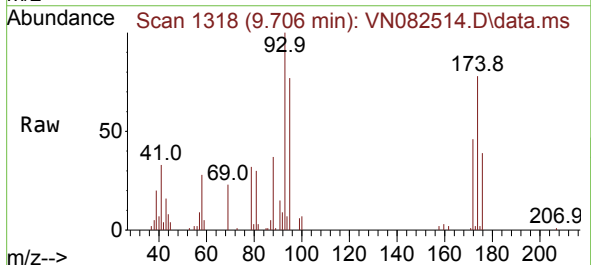


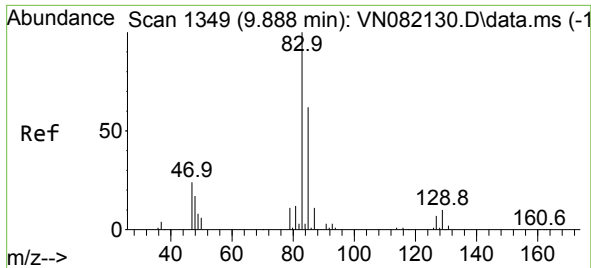
Tgt Ion: 63 Resp: 48825
Ion Ratio Lower Upper
63 100
65 32.3 24.1 36.1



#46
Dibromomethane
Concen: 19.763 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 93 Resp: 31587
Ion Ratio Lower Upper
93 100
95 81.5 64.8 97.2
174 89.6 73.4 110.0

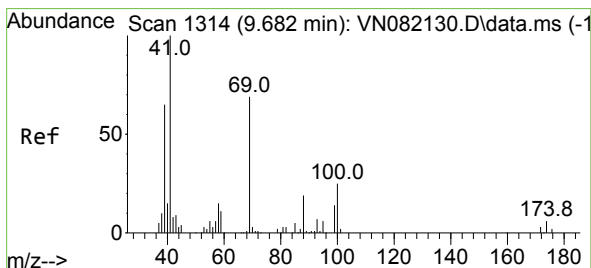
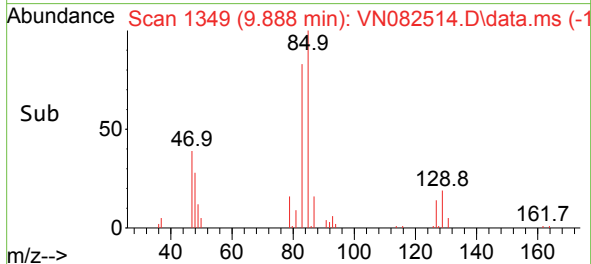
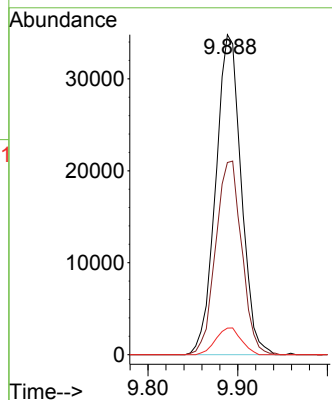
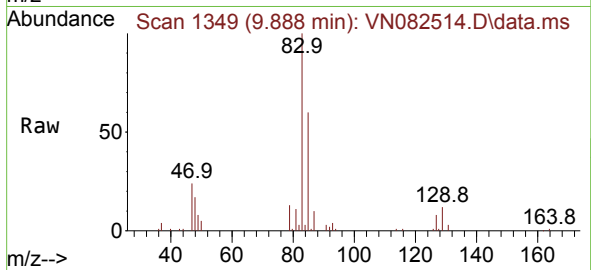




#47
Bromodichloromethane
Concen: 20.337 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

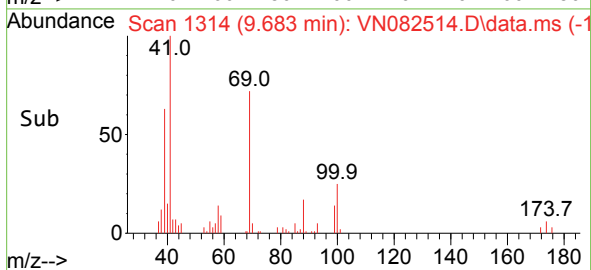
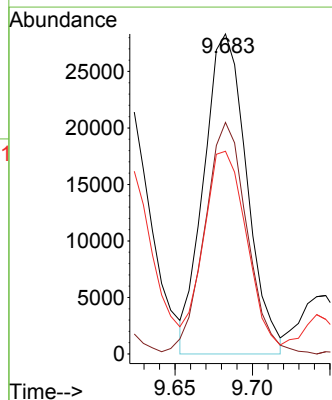
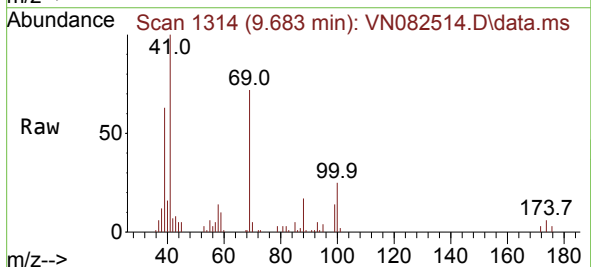
Instrument :
MSVOA_N
ClientSampleId :

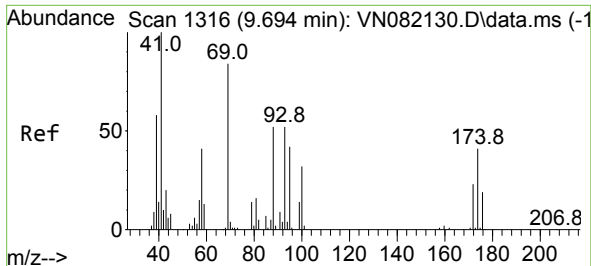
Tgt Ion: 83 Resp: 68621
Ion Ratio Lower Upper
83 100
85 60.0 51.9 77.9
127 8.3 7.5 11.3



#48
Methyl methacrylate
Concen: 18.246 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 41 Resp: 54552
Ion Ratio Lower Upper
41 100
69 71.5 77.9 116.9#
39 64.6 50.9 76.3





#49

1,4-Dioxane

Concen: 376.202 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

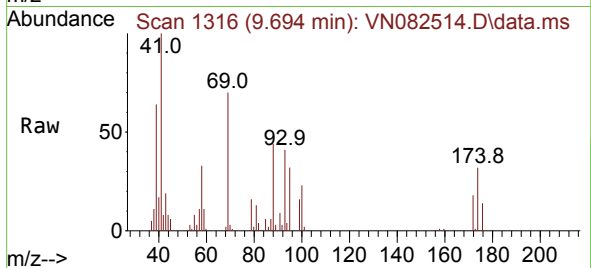
Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



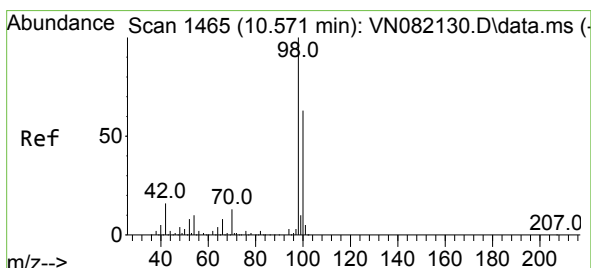
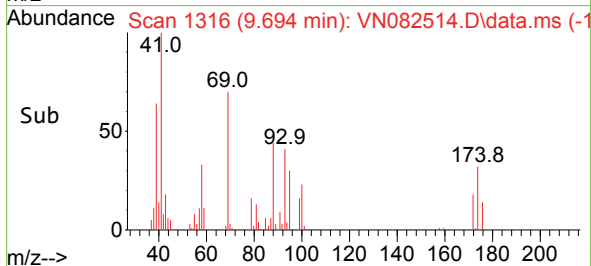
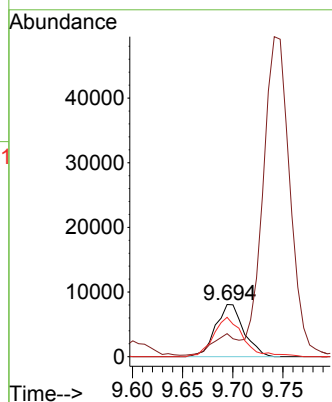
Tgt Ion: 88 Resp: 15761

Ion Ratio Lower Upper

88 100

43 35.1 19.0 28.6#

58 80.1 50.6 76.0#



#50

Toluene-d8

Concen: 52.560 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082514.D

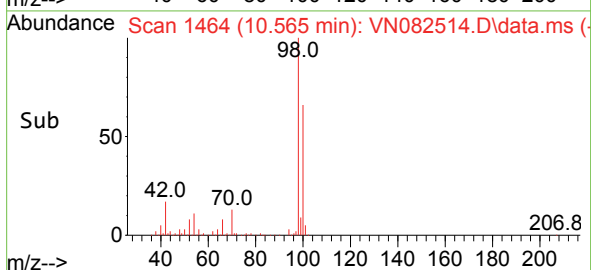
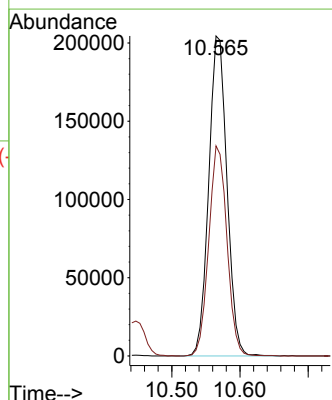
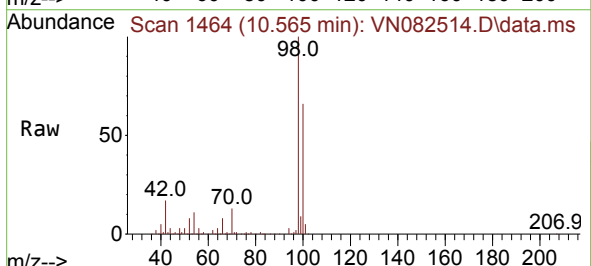
Acq: 10 Jun 2024 14:58

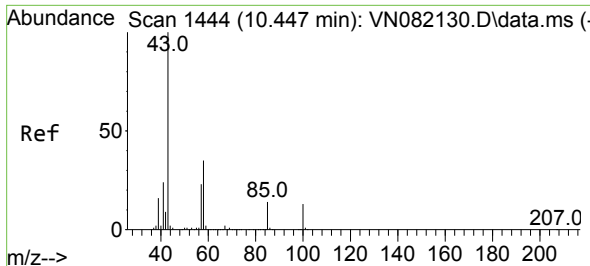
Tgt Ion: 98 Resp: 380170

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6

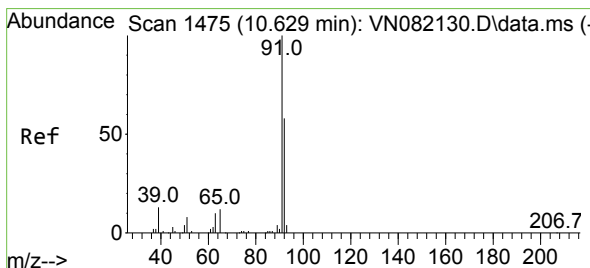
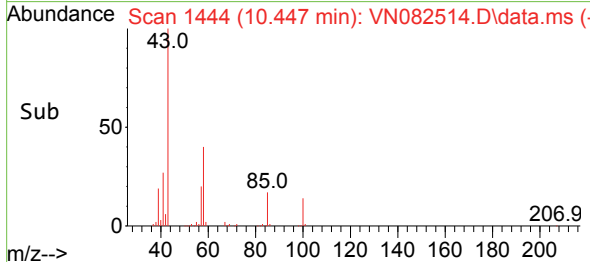
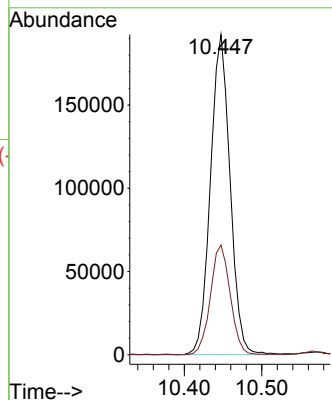
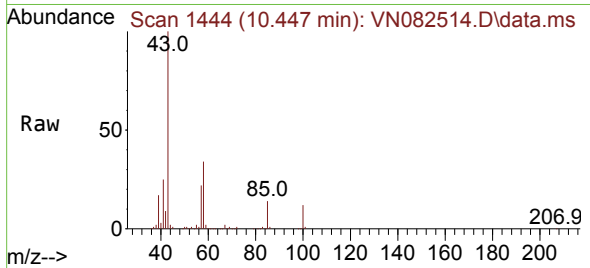




#51
4-Methyl-2-Pentanone
Concen: 95.110 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

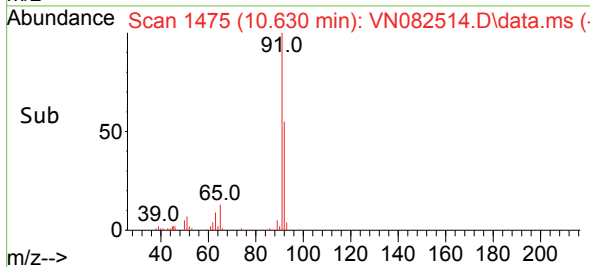
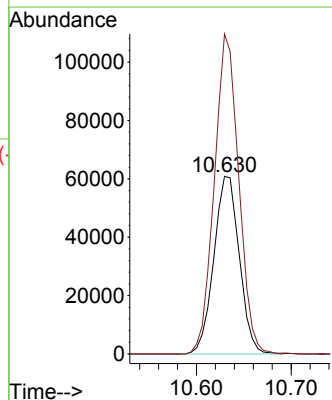
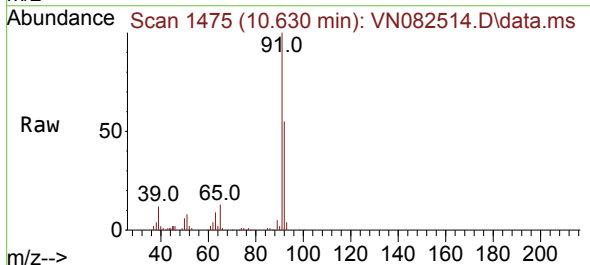
Instrument :
MSVOA_N
ClientSampleId :

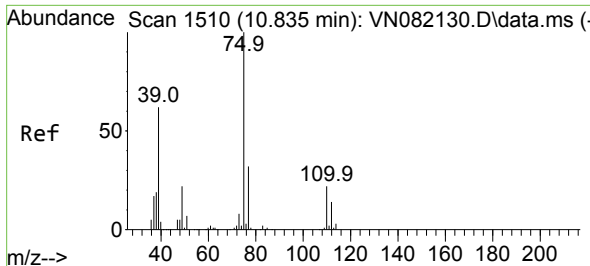
Tgt Ion: 43 Resp: 339062
Ion Ratio Lower Upper
43 100
58 34.5 33.2 49.8



#52
Toluene
Concen: 20.056 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 92 Resp: 113562
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1

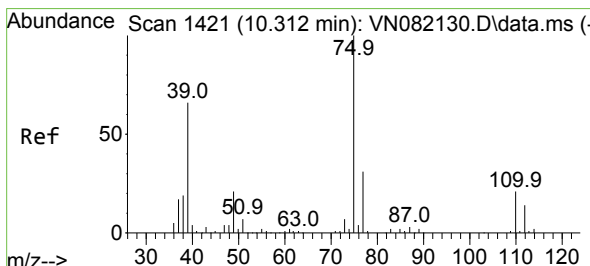
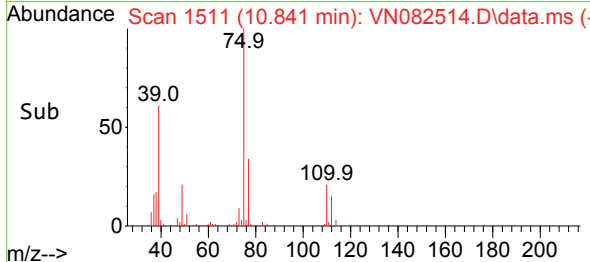
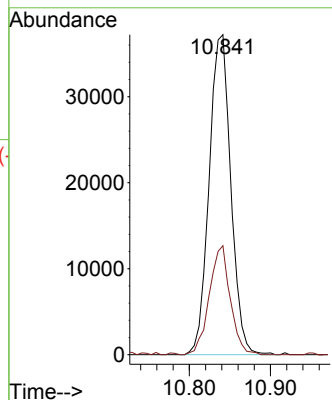
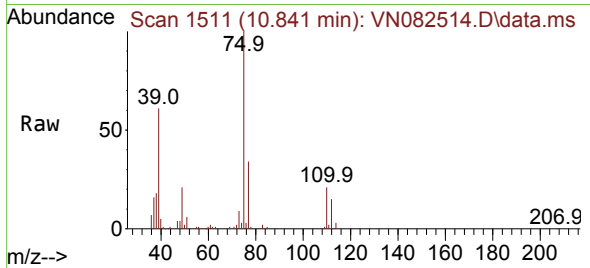




#53
 t-1,3-Dichloropropene
 Concen: 19.795 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

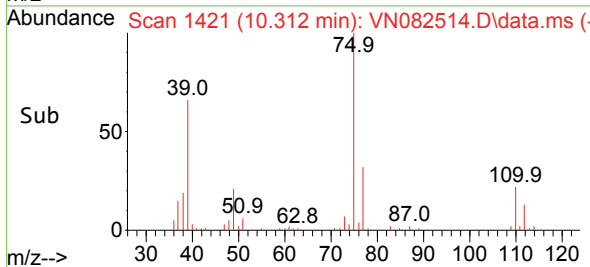
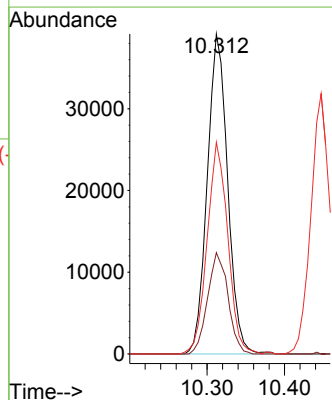
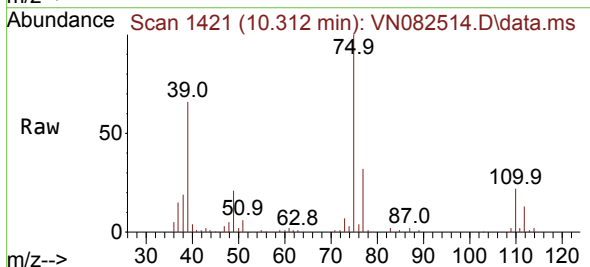
Instrument :
 MSVOA_N
 ClientSampleId :

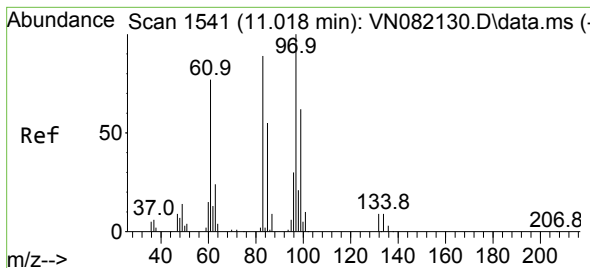
Tgt Ion: 75 Resp: 69079
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.435 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion: 75 Resp: 71788
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4
 39 66.1 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 19.595 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

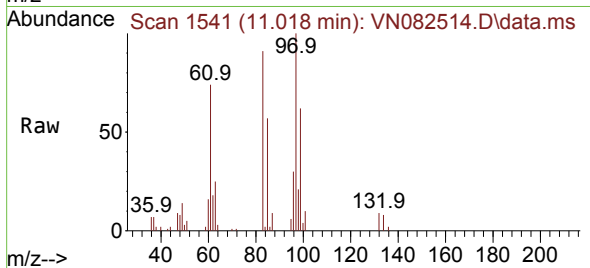
Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 40320

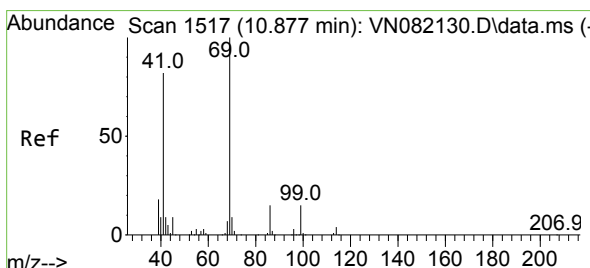
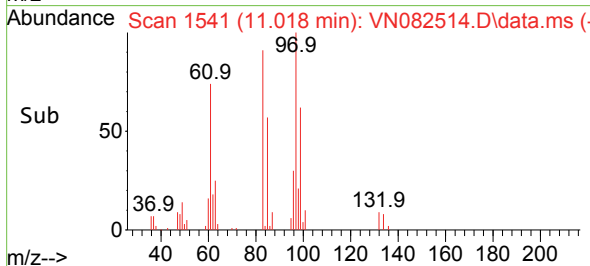
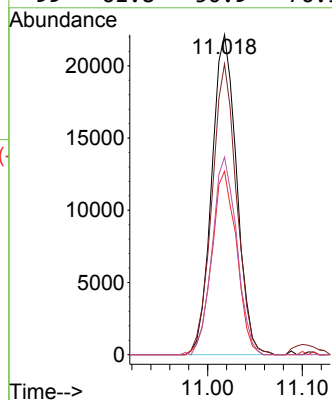
Ion Ratio Lower Upper

97 100

83 90.9 70.4 105.6

85 57.3 45.6 68.4

99 61.8 50.9 76.3



#56

Ethyl methacrylate

Concen: 18.475 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

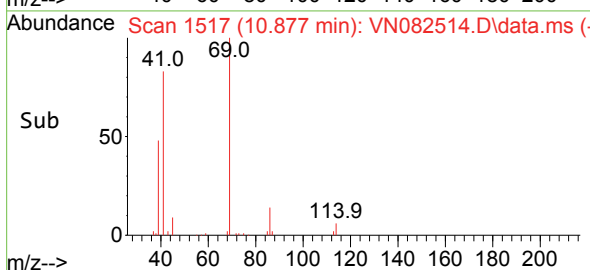
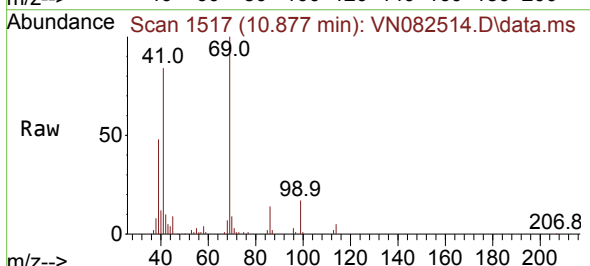
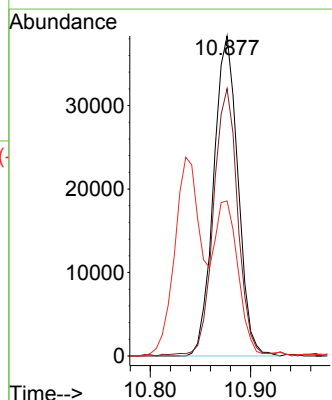
Tgt Ion: 69 Resp: 64543

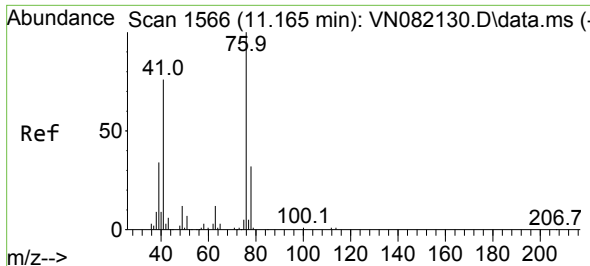
Ion Ratio Lower Upper

69 100

41 83.6 46.6 70.0#

39 44.3 26.5 39.7#

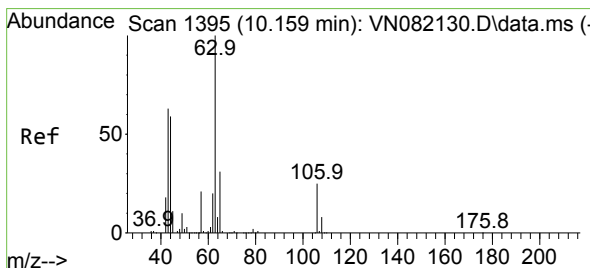
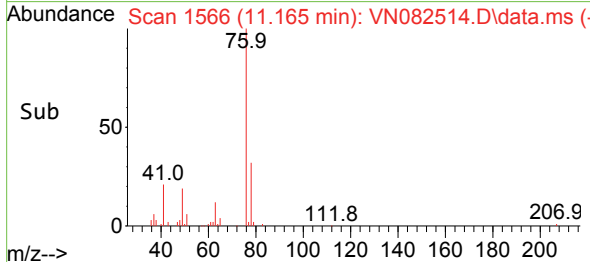
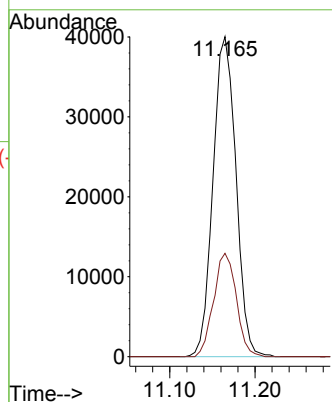
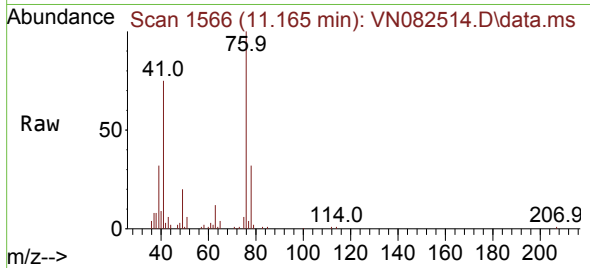




#57
1,3-Dichloropropane
Concen: 19.466 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

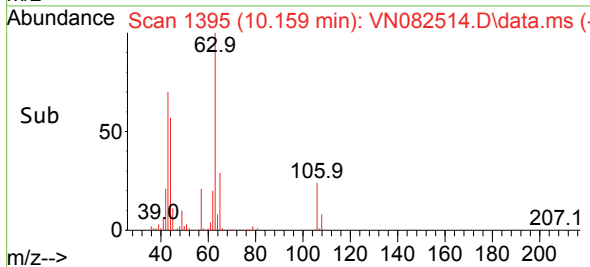
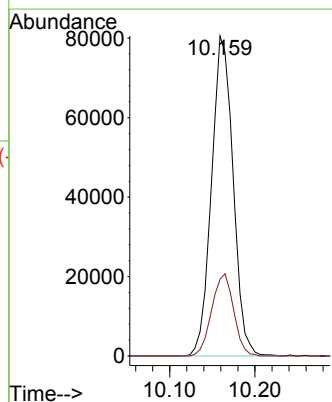
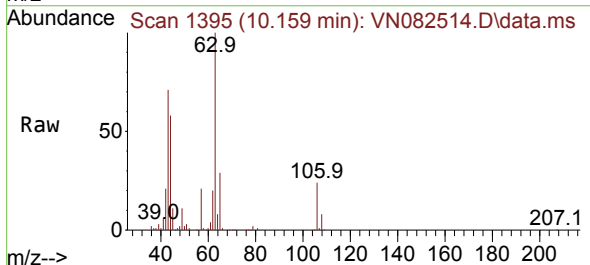
Instrument :
MSVOA_N
ClientSampleId :

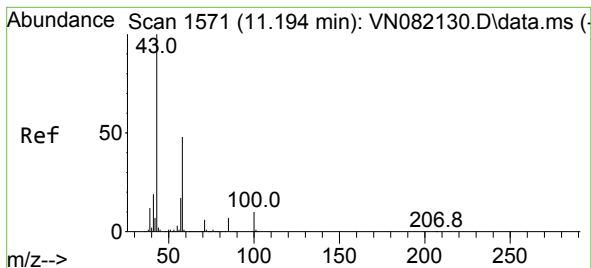
Tgt Ion: 76 Resp: 74892
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 78.631 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 63 Resp: 141691
Ion Ratio Lower Upper
63 100
106 26.0 24.6 36.8

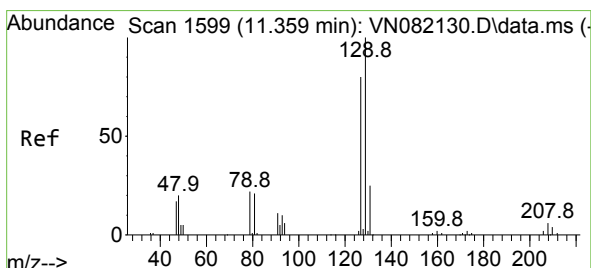
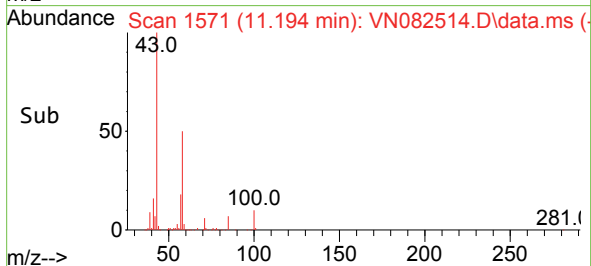
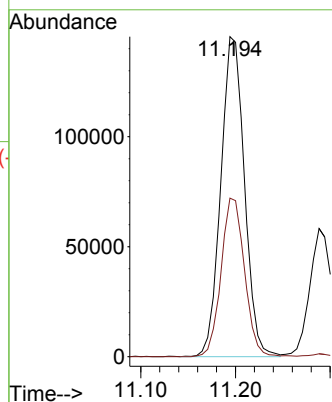
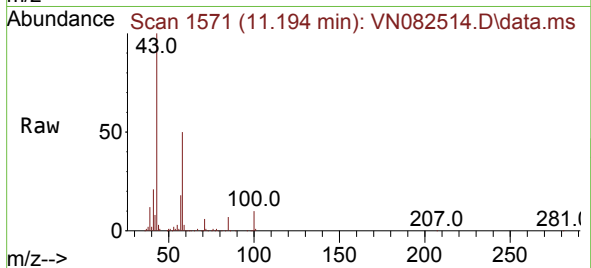




#59
2-Hexanone
Concen: 96.843 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

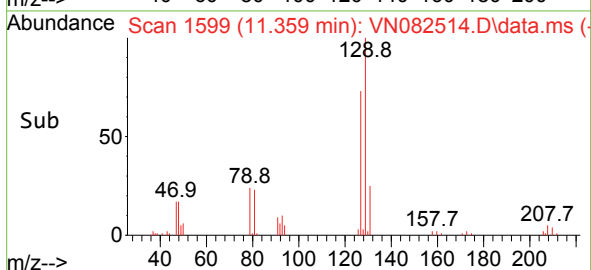
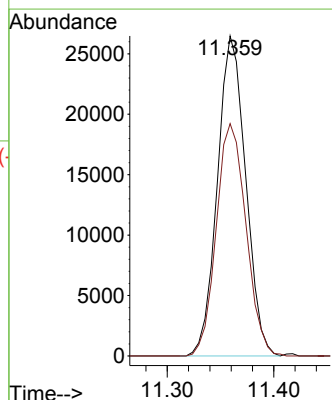
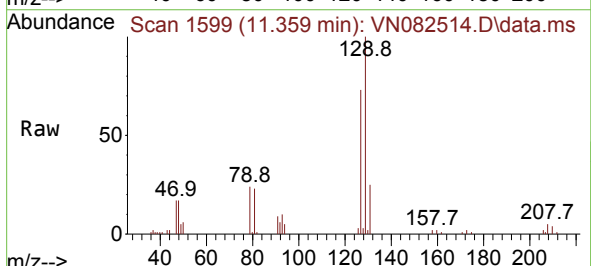
Instrument :
MSVOA_N
ClientSampleId :

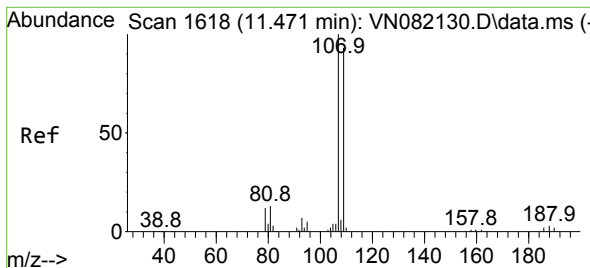
Tgt Ion: 43 Resp: 252787
Ion Ratio Lower Upper
43 100
58 49.1 28.3 84.9



#60
Dibromochloromethane
Concen: 21.519 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 129 Resp: 48866
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8

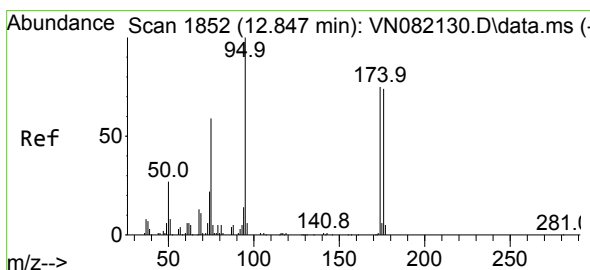
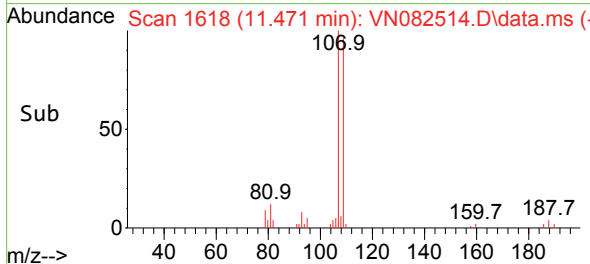
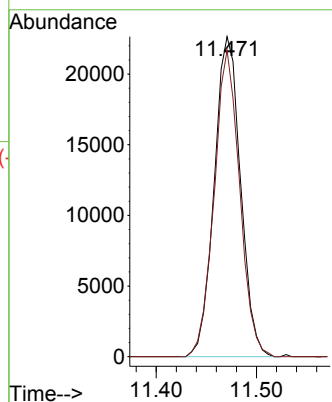
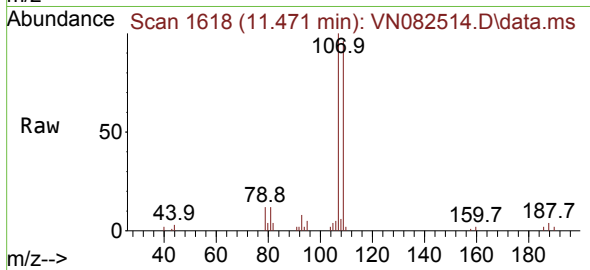




#61
1,2-Dibromoethane
Concen: 19.478 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

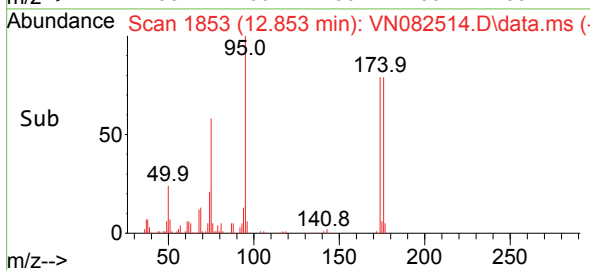
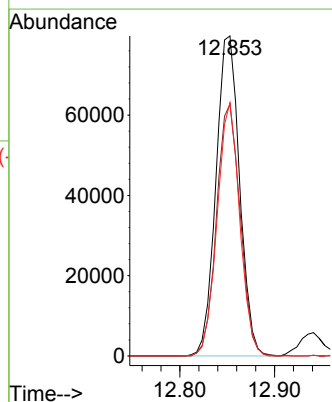
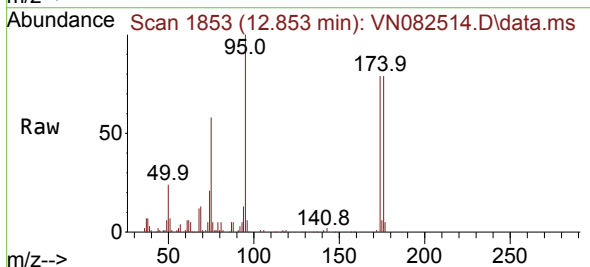
Instrument :
MSVOA_N
ClientSampleId :

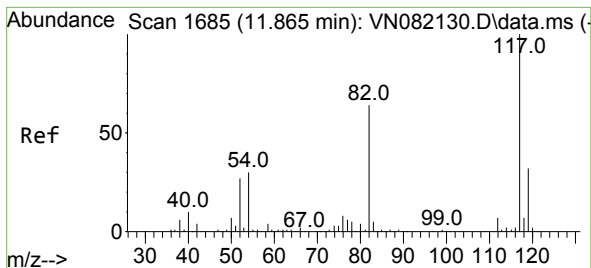
Tgt Ion:107 Resp: 41167
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.661 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 95 Resp: 138533
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.6
176 75.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

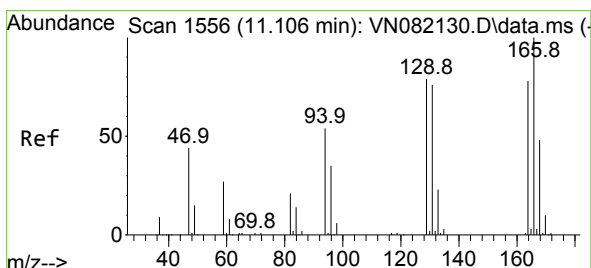
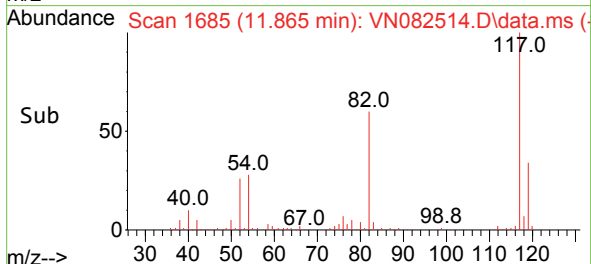
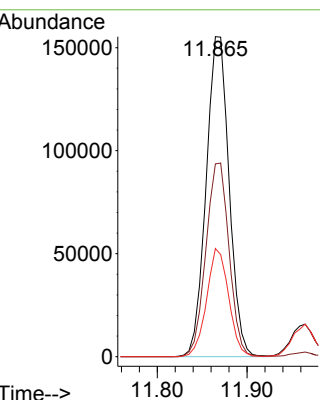
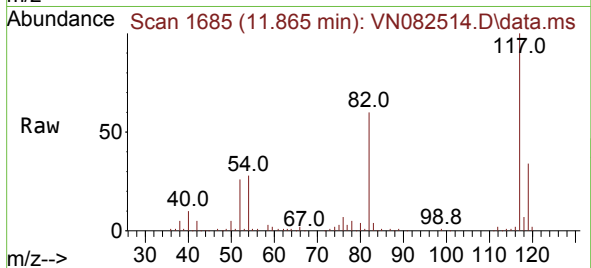
Tgt Ion:117 Resp: 276270

Ion Ratio Lower Upper

117 100

82 60.3 44.6 66.8

119 33.8 25.9 38.9



#64

Tetrachloroethene

Concen: 20.810 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Tgt Ion:164 Resp: 42613

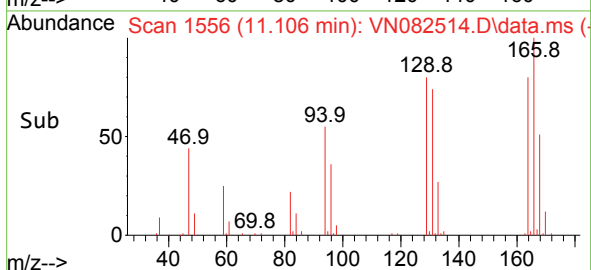
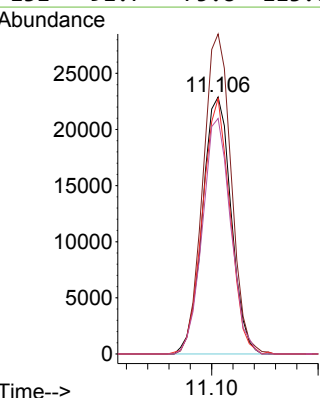
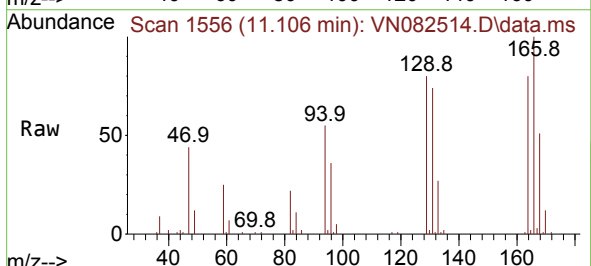
Ion Ratio Lower Upper

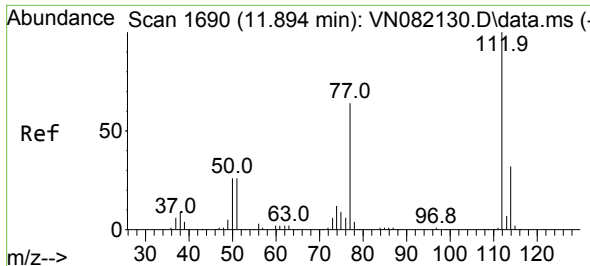
164 100

166 124.5 97.6 146.4

129 99.4 73.7 110.5

131 91.7 75.8 113.6

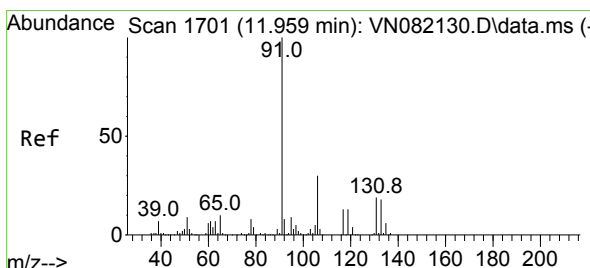
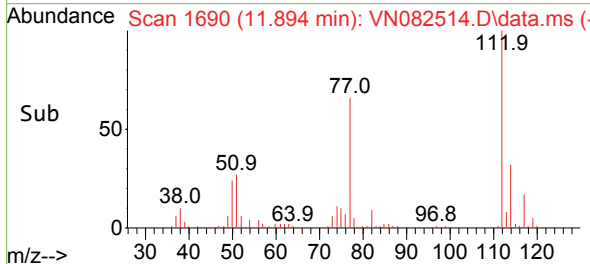
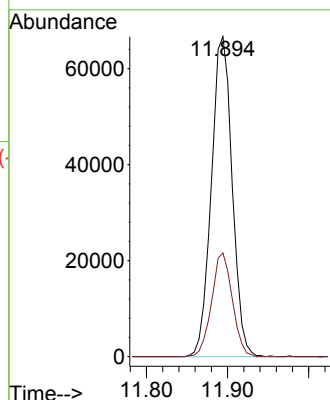
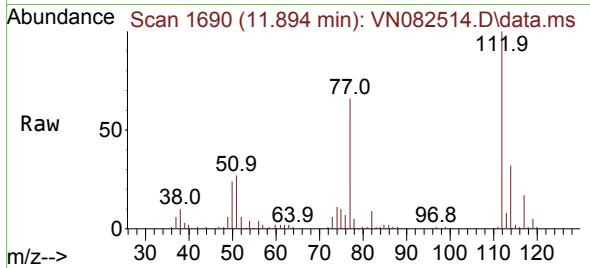




#65
Chlorobenzene
Concen: 19.472 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

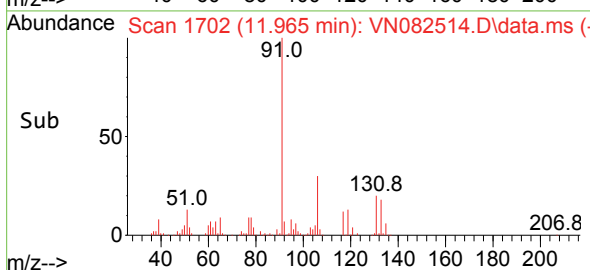
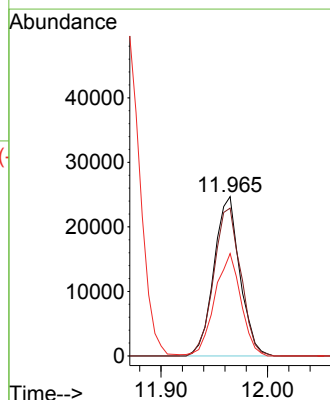
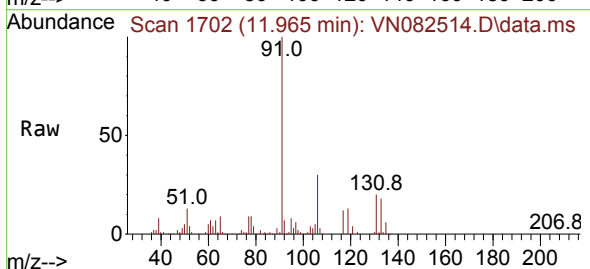
Instrument :
MSVOA_N
ClientSampleId :

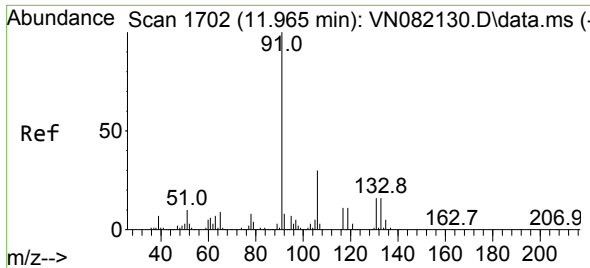
Tgt Ion:112 Resp: 118840
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.787 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:131 Resp: 41790
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 64.9 32.9 98.7

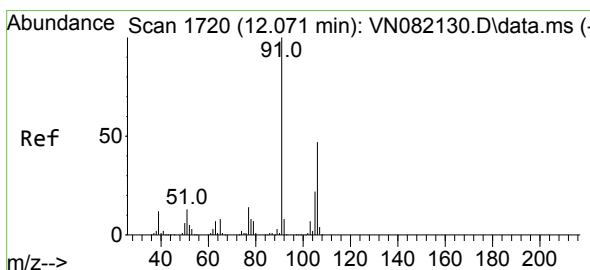
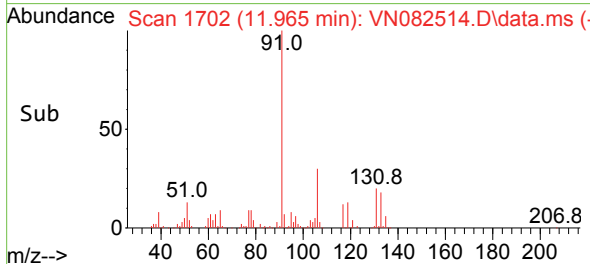
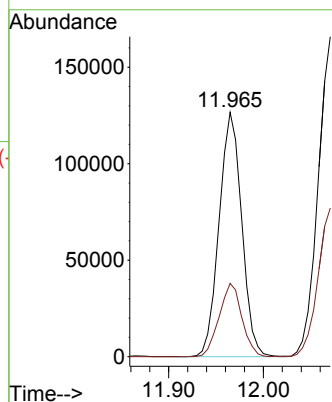
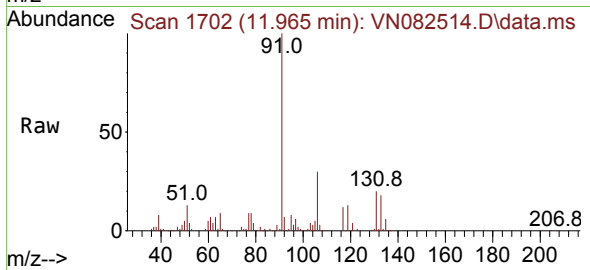




#67
Ethyl Benzene
Concen: 19.246 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

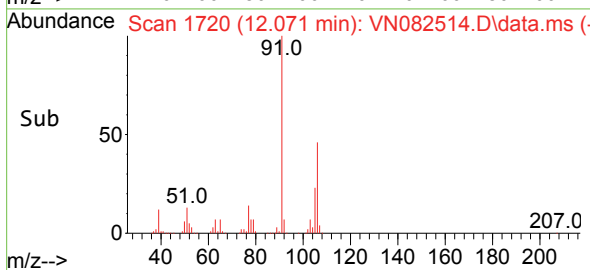
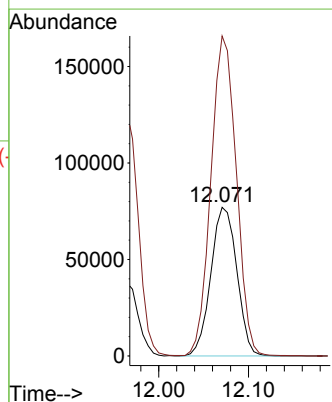
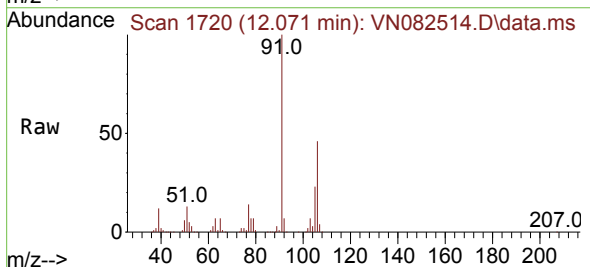
Instrument :
MSVOA_N
ClientSampleId :

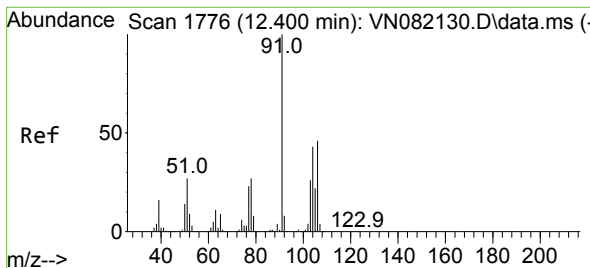
Tgt Ion: 91 Resp: 210129
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9



#68
m/p-Xylenes
Concen: 38.761 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:106 Resp: 155100
Ion Ratio Lower Upper
106 100
91 210.8 159.4 239.0

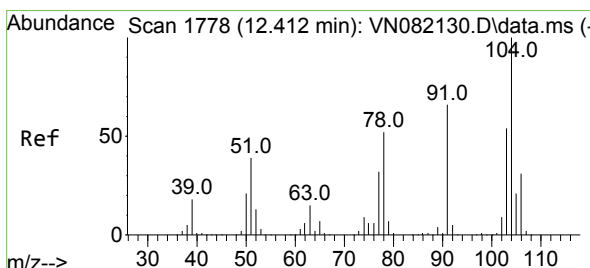
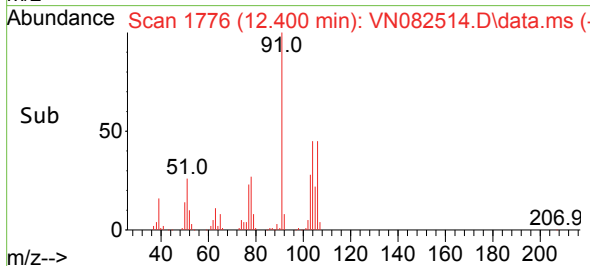
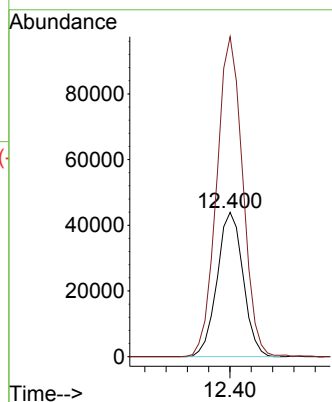
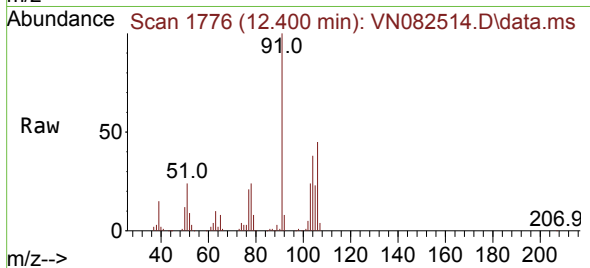




#69
o-Xylene
Concen: 19.201 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

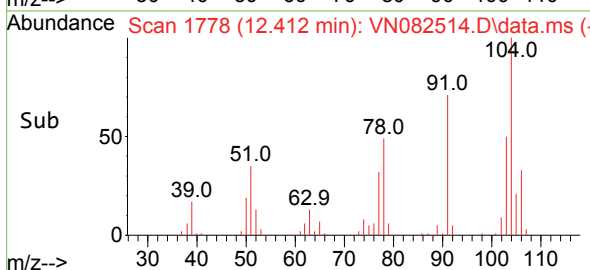
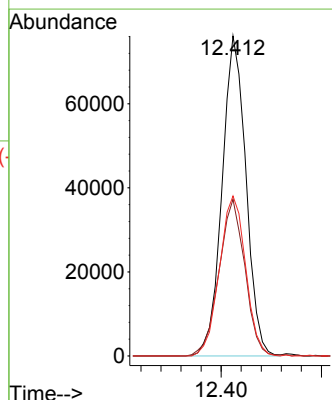
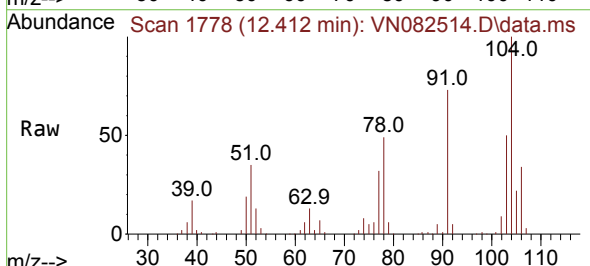
Instrument :
MSVOA_N
ClientSampleId :

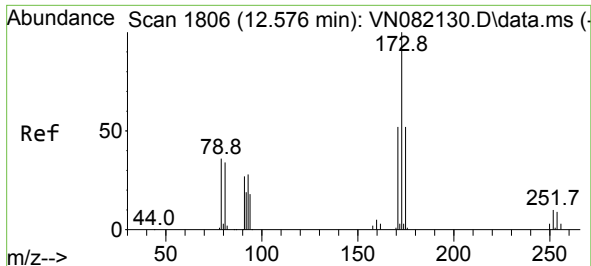
Tgt Ion:106 Resp: 74426
Ion Ratio Lower Upper
106 100
91 222.5 104.7 314.1



#70
Styrene
Concen: 19.533 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:104 Resp: 125756
Ion Ratio Lower Upper
104 100
78 53.1 38.6 58.0
103 54.8 43.8 65.6

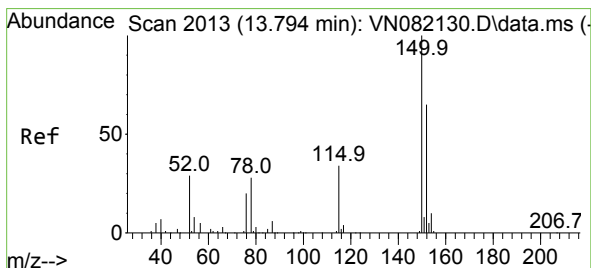
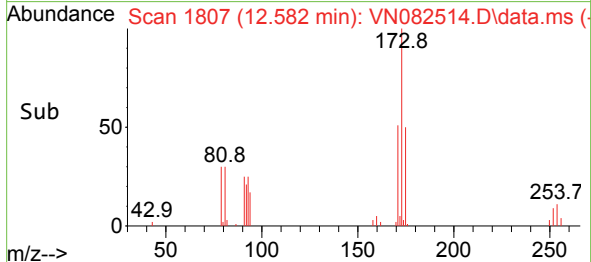
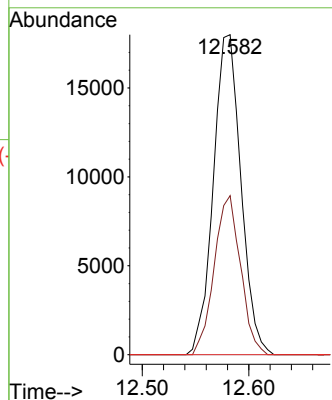
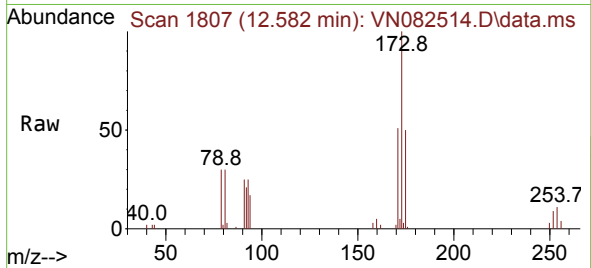




#71
Bromoform
Concen: 20.685 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

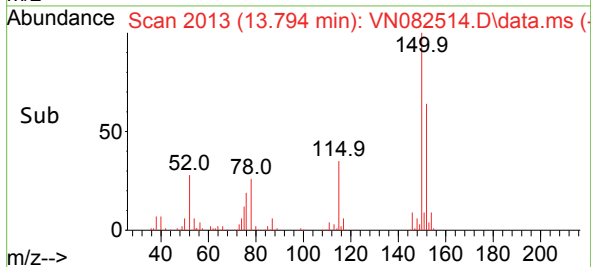
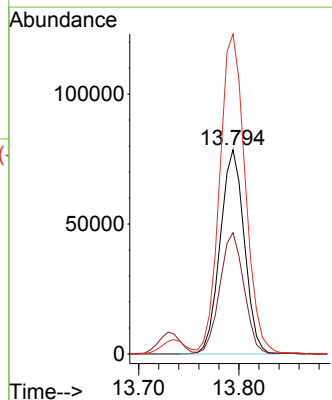
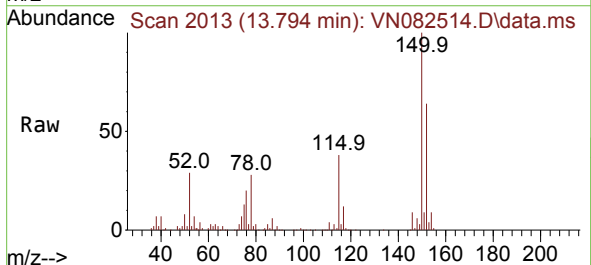
Instrument :
MSVOA_N
ClientSampleId :

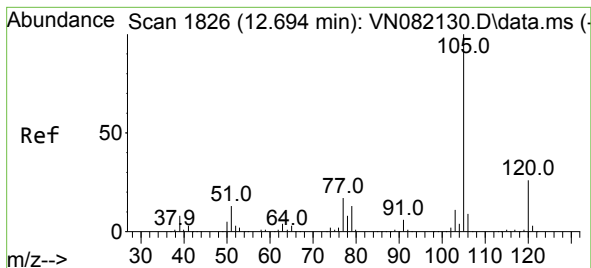
Tgt Ion:173 Resp: 32408
Ion Ratio Lower Upper
173 100
175 47.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:152 Resp: 131268
Ion Ratio Lower Upper
152 100
115 59.0 30.4 91.3
150 166.0 0.0 353.2





#73

Isopropylbenzene

Concen: 18.340 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

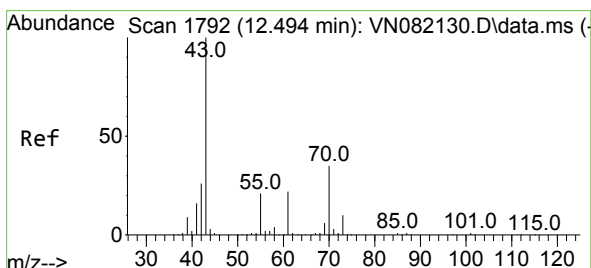
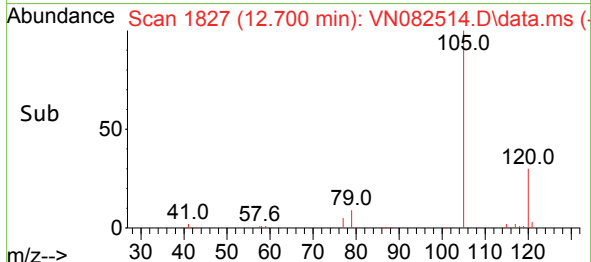
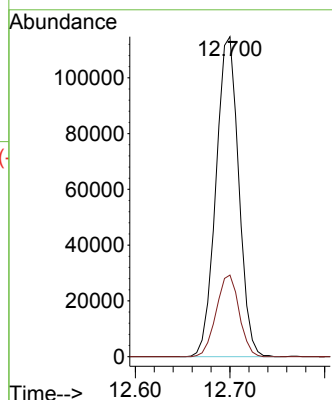
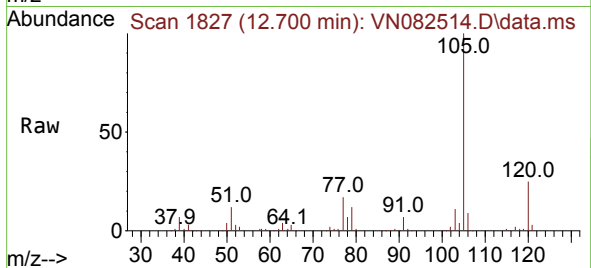
ClientSampleId :

Tgt Ion:105 Resp: 191260

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 17.218 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Tgt Ion: 43 Resp: 98769

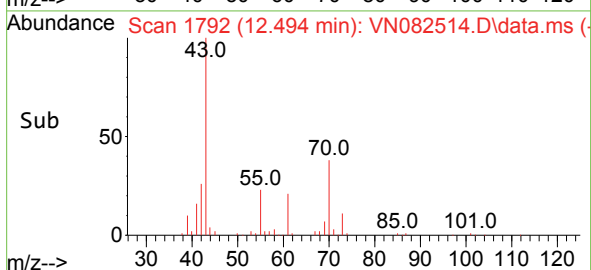
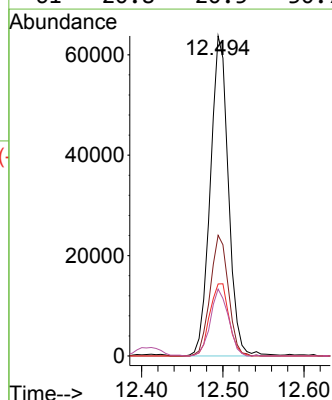
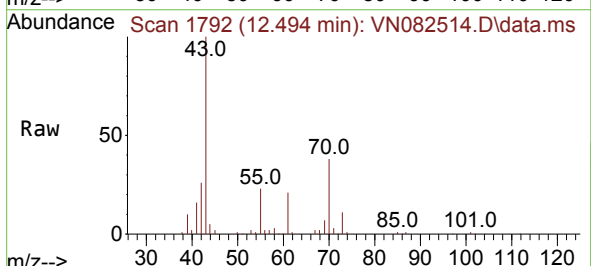
Ion Ratio Lower Upper

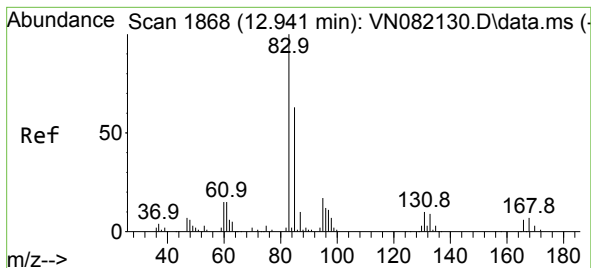
43 100

70 37.8 39.0 58.4#

55 23.8 21.3 31.9

61 20.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.551 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

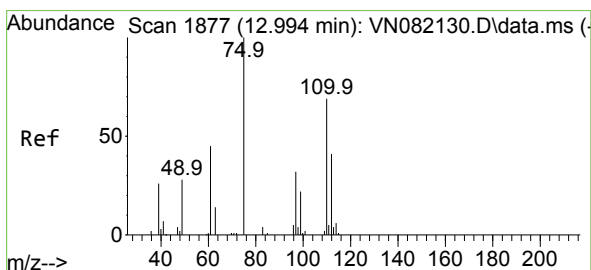
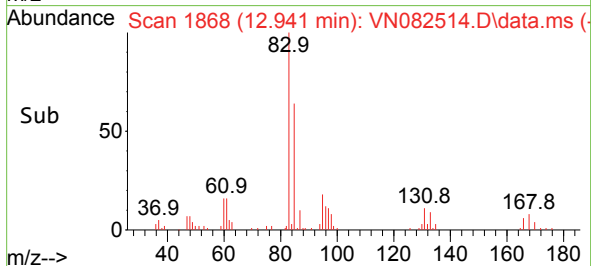
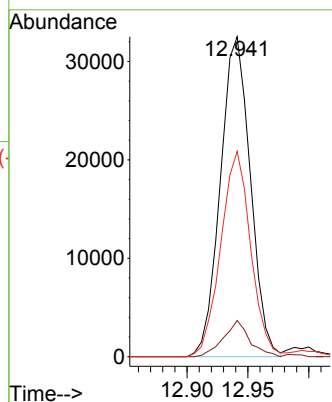
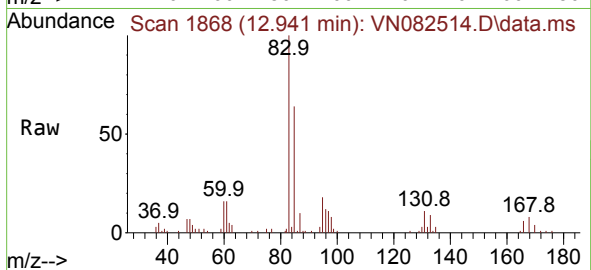
Tgt Ion: 83 Resp: 55767

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.4

85 64.1 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 28.480 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082514.D

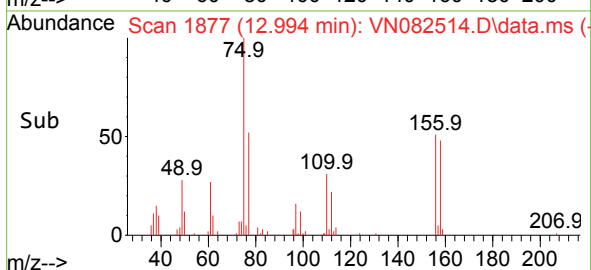
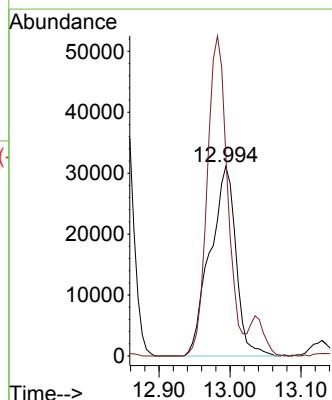
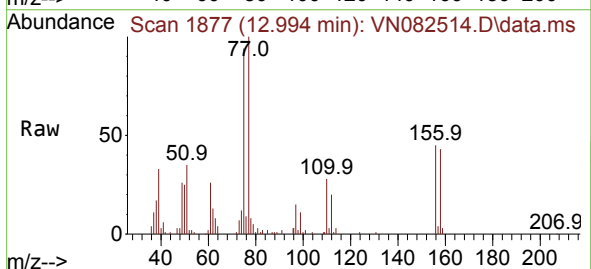
Acq: 10 Jun 2024 14:58

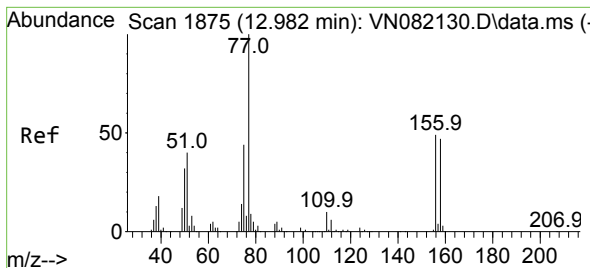
Tgt Ion: 75 Resp: 78687

Ion Ratio Lower Upper

75 100

77 133.6 90.5 271.3





#77

Bromobenzene

Concen: 18.879 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

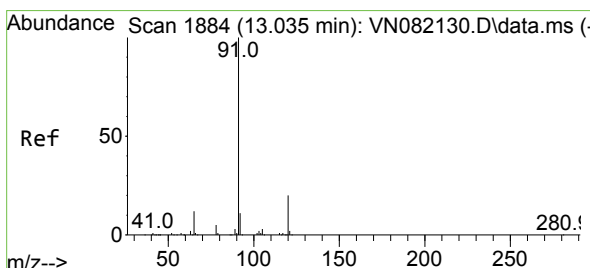
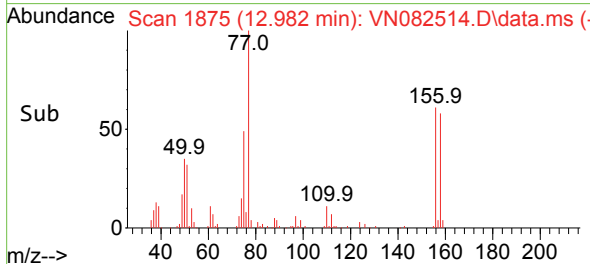
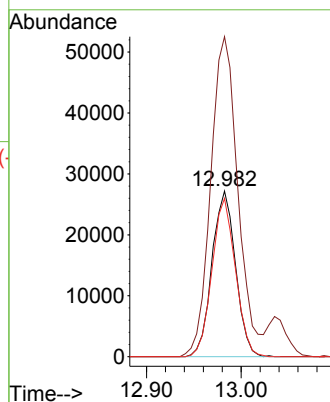
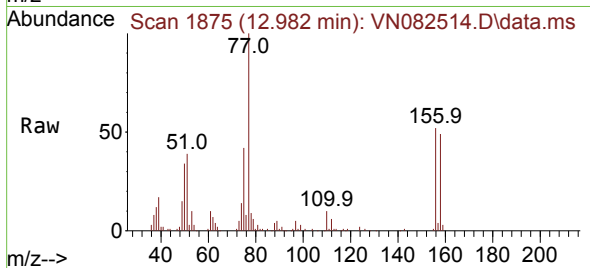
Tgt Ion:156 Resp: 46919

Ion Ratio Lower Upper

156 100

77 224.1 100.2 300.6

158 95.3 49.1 147.3



#78

n-propylbenzene

Concen: 18.658 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082514.D

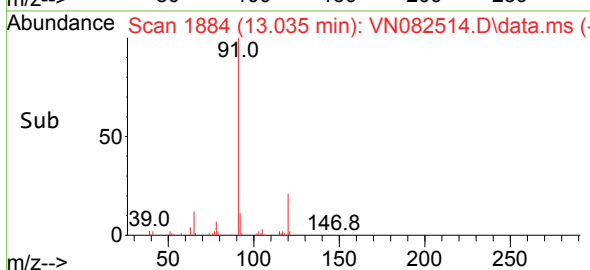
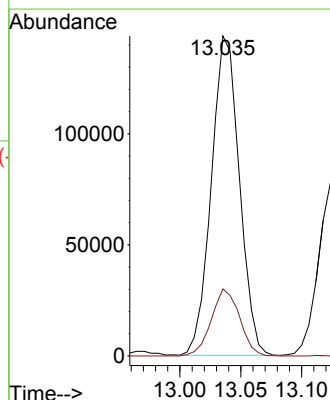
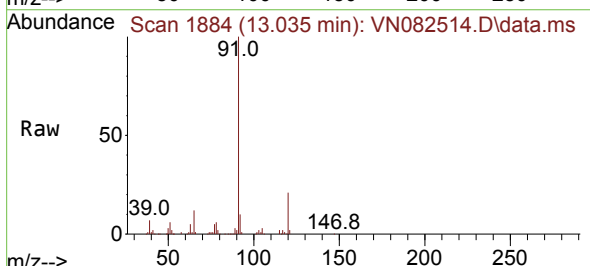
Acq: 10 Jun 2024 14:58

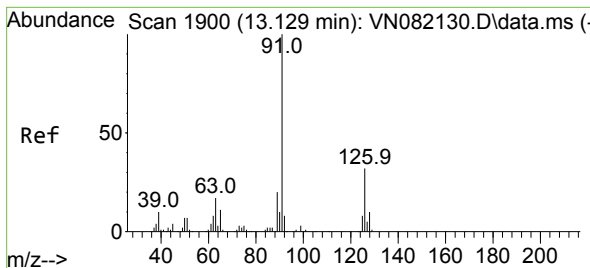
Tgt Ion: 91 Resp: 230415

Ion Ratio Lower Upper

91 100

120 21.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.088 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

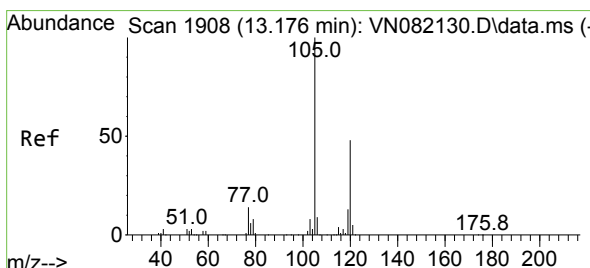
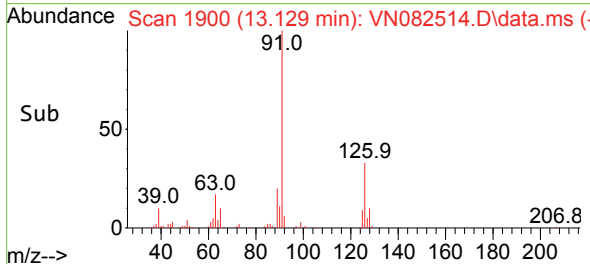
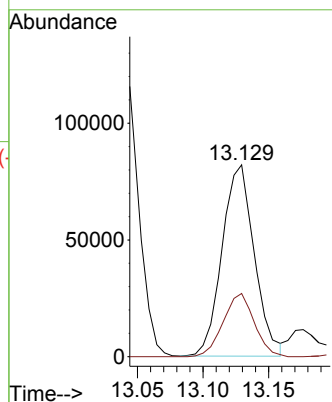
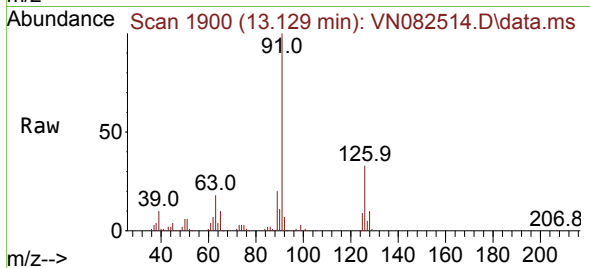
ClientSampleId :

Tgt Ion: 91 Resp: 140265

Ion Ratio Lower Upper

91 100

126 31.8 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.850 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082514.D

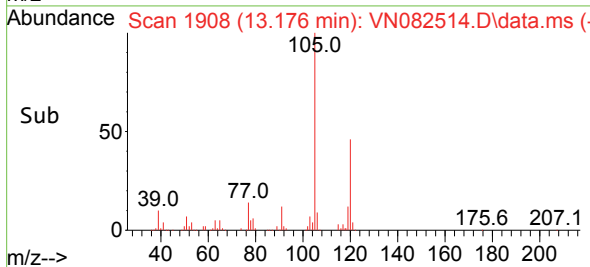
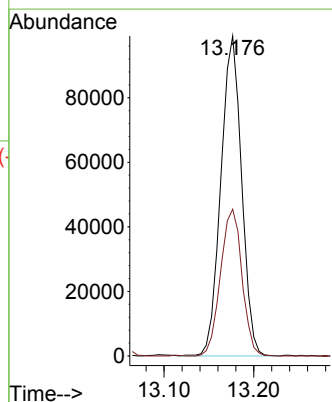
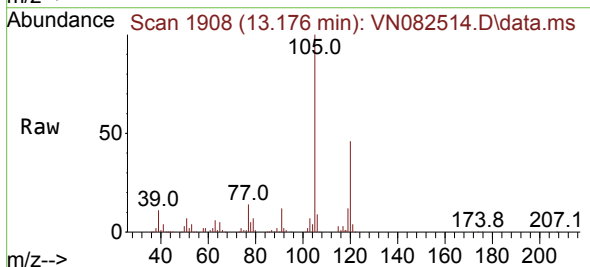
Acq: 10 Jun 2024 14:58

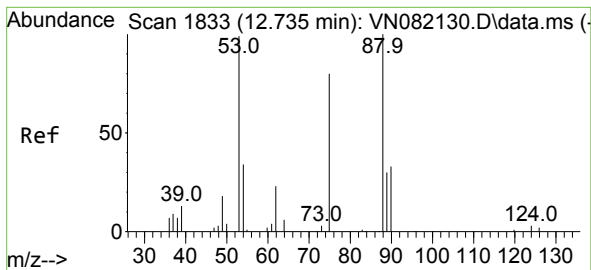
Tgt Ion:105 Resp: 158951

Ion Ratio Lower Upper

105 100

120 47.5 24.8 74.3

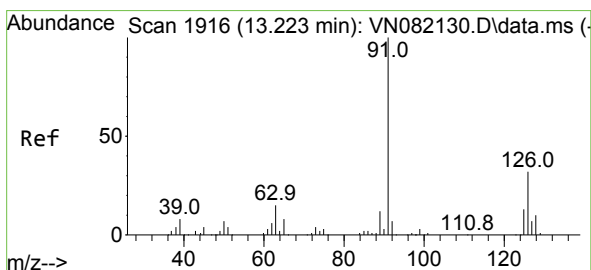
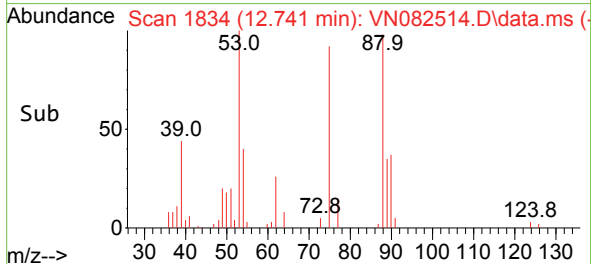
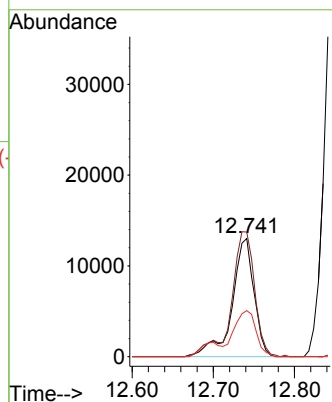
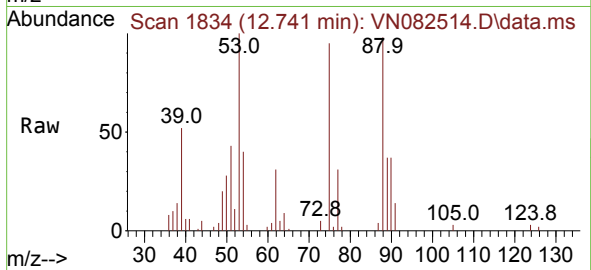




#81
trans-1,4-Dichloro-2-butene
Concen: 20.649 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

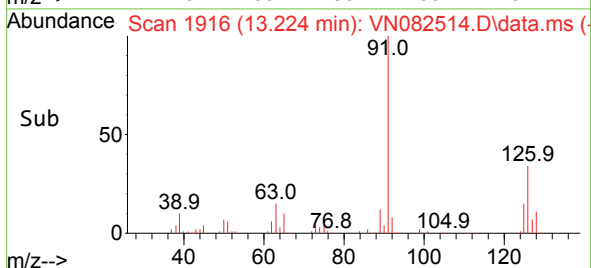
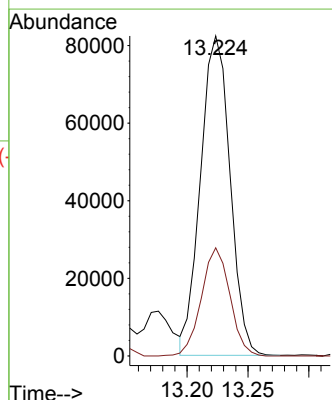
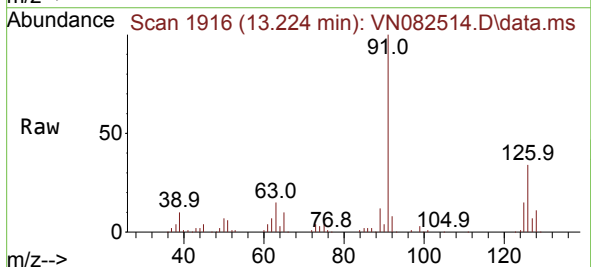
Instrument :
MSVOA_N
ClientSampleId :

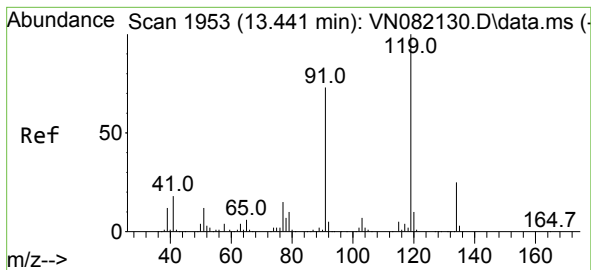
Tgt Ion: 75 Resp: 24392
Ion Ratio Lower Upper
75 100
53 112.6 72.9 109.3#
89 38.8 39.1 58.7#



#82
4-Chlorotoluene
Concen: 18.306 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion: 91 Resp: 138790
Ion Ratio Lower Upper
91 100
126 32.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 17.466 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

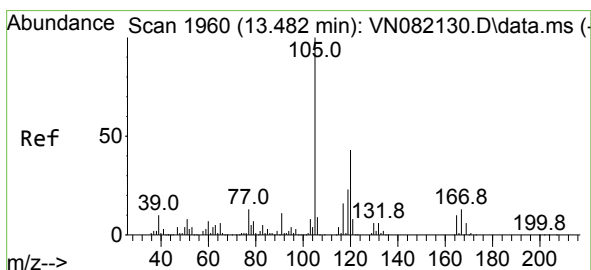
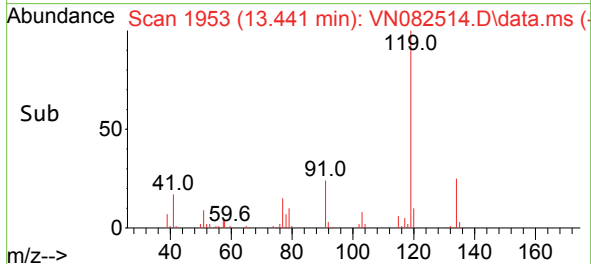
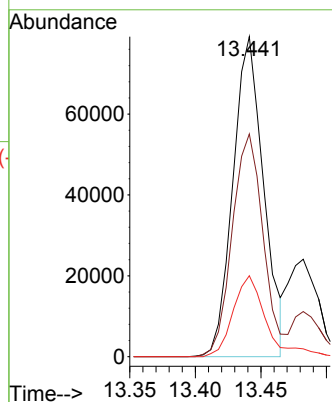
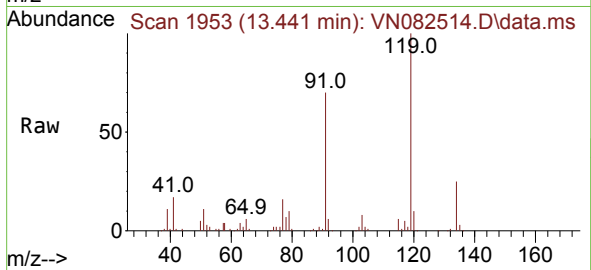
Tgt Ion:119 Resp: 128848

Ion Ratio Lower Upper

119 100

91 71.2 32.6 97.8

134 27.2 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 18.470 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082514.D

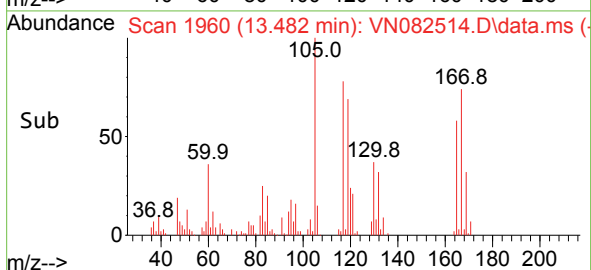
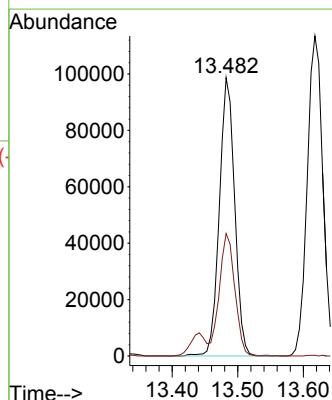
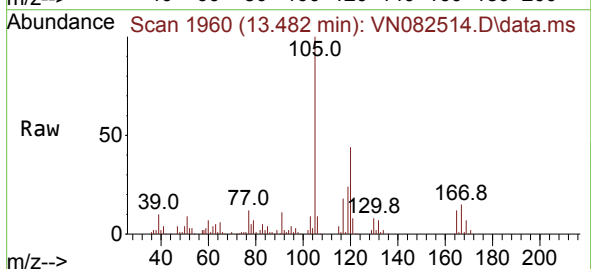
Acq: 10 Jun 2024 14:58

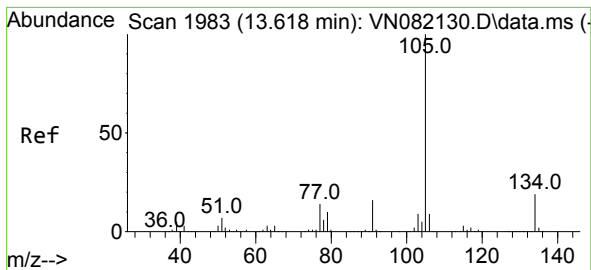
Tgt Ion:105 Resp: 159340

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7

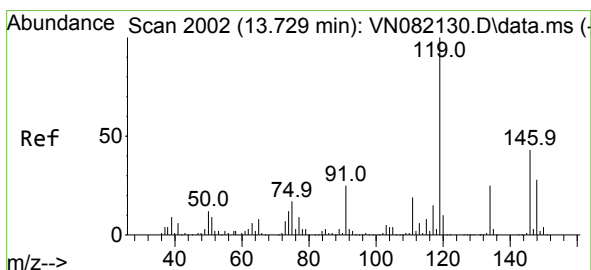
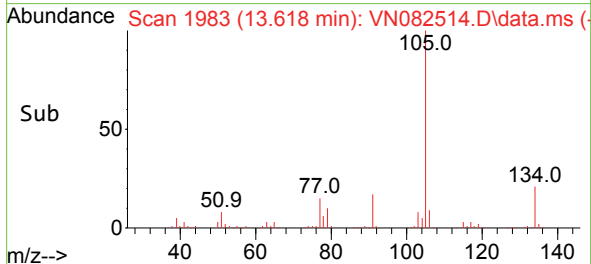
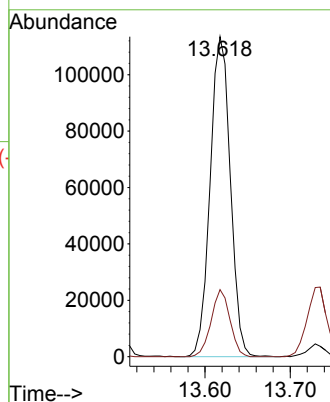
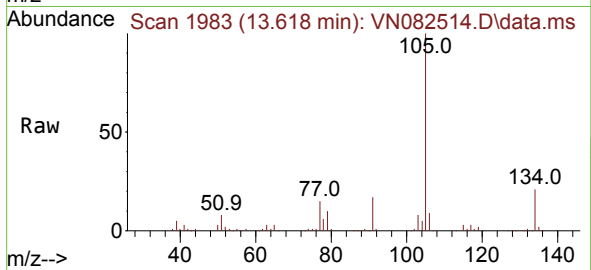




#85
 sec-Butylbenzene
 Concen: 18.255 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

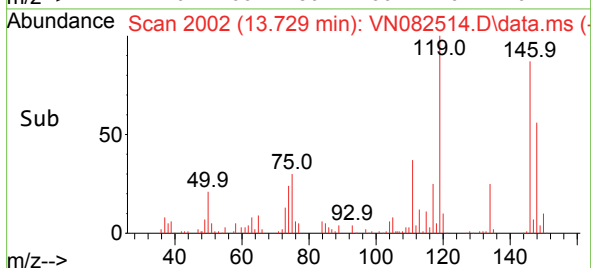
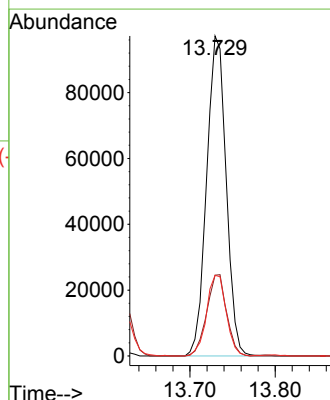
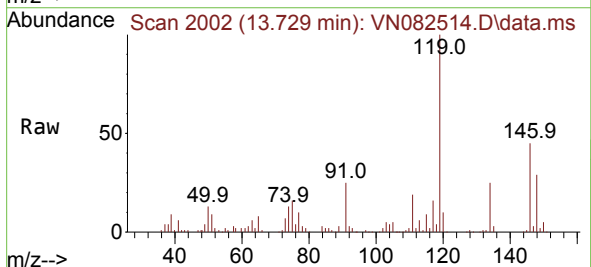
Instrument :
 MSVOA_N
 ClientSampleId :

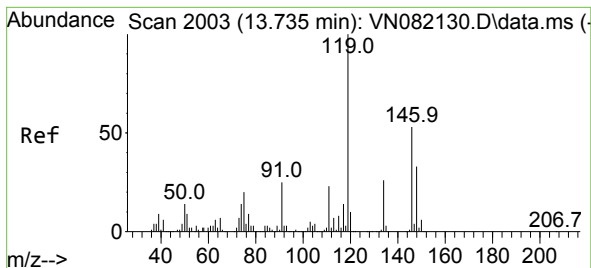
Tgt Ion:105 Resp: 186665
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.607 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion:119 Resp: 154624
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.916 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

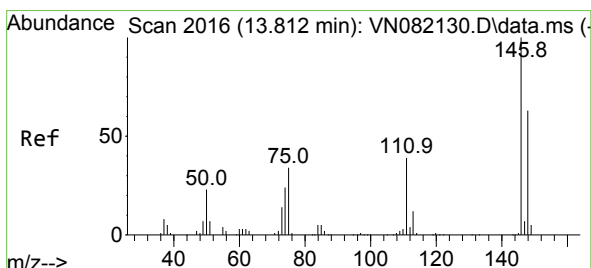
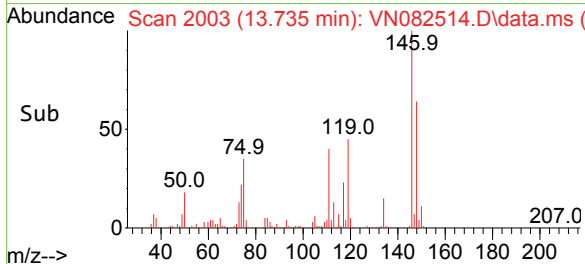
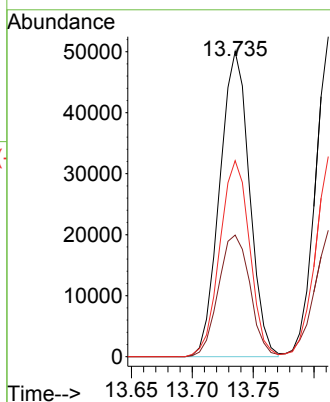
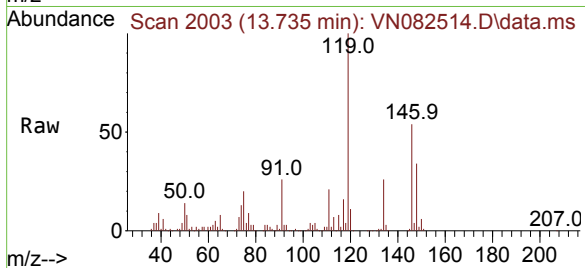
Tgt Ion:146 Resp: 85170

Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.5

148 64.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.212 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

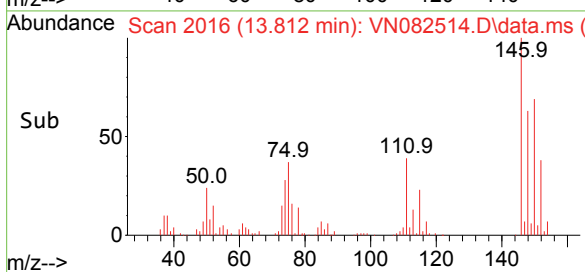
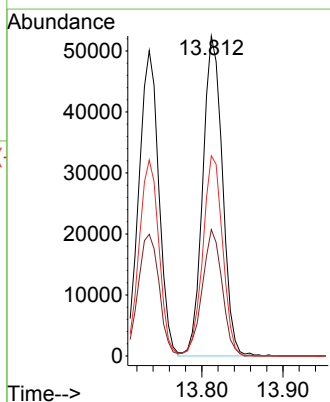
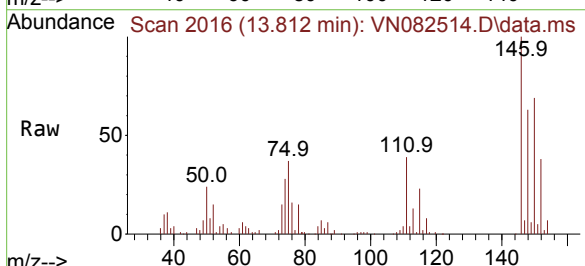
Tgt Ion:146 Resp: 88285

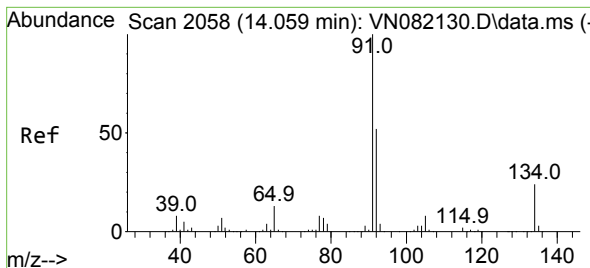
Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.9

148 62.9 31.3 93.9





#89

n-Butylbenzene

Concen: 18.069 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

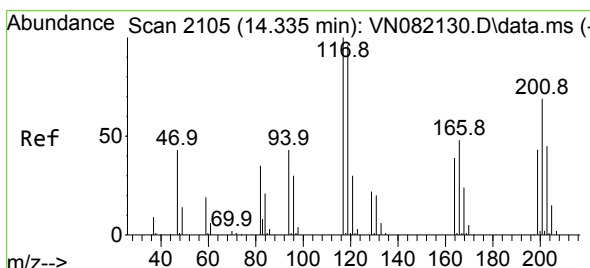
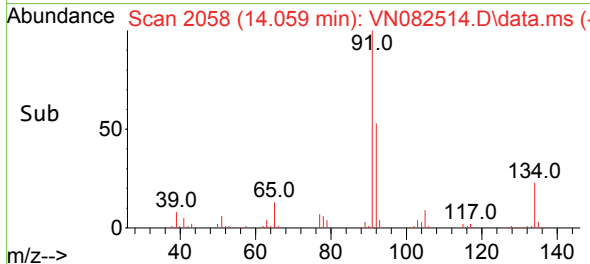
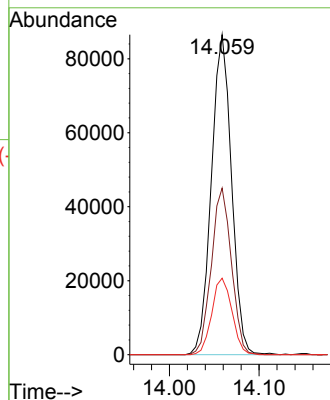
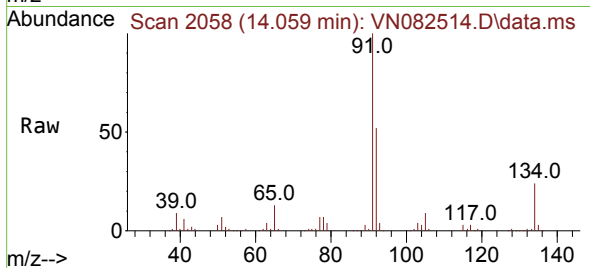
Tgt Ion: 91 Resp: 134963

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

134 24.0 13.2 39.5



#90

Hexachloroethane

Concen: 20.082 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082514.D

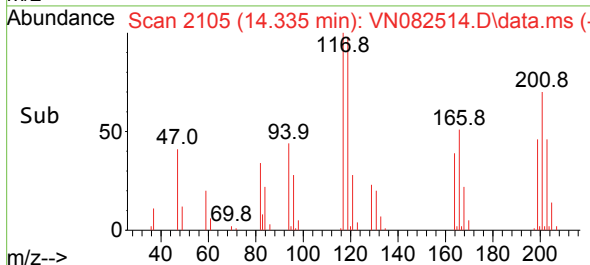
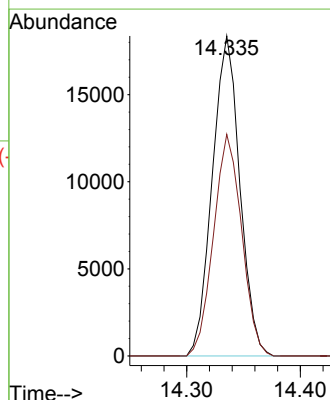
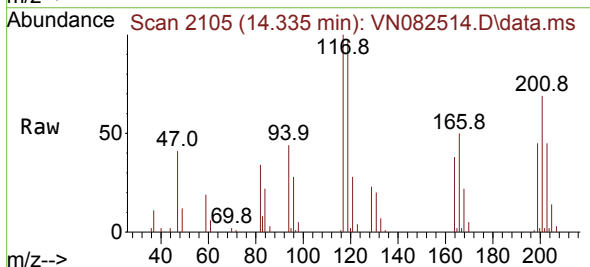
Acq: 10 Jun 2024 14:58

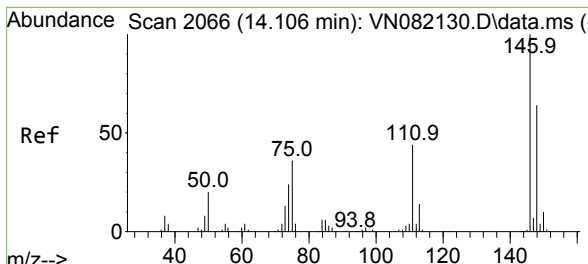
Tgt Ion: 117 Resp: 30919

Ion Ratio Lower Upper

117 100

201 70.8 33.3 99.8

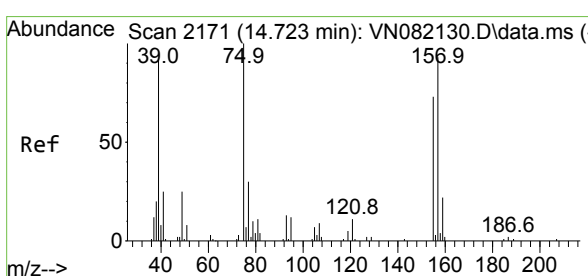
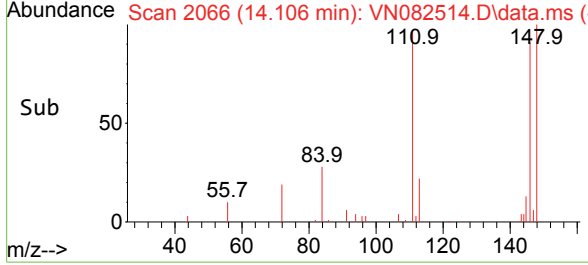
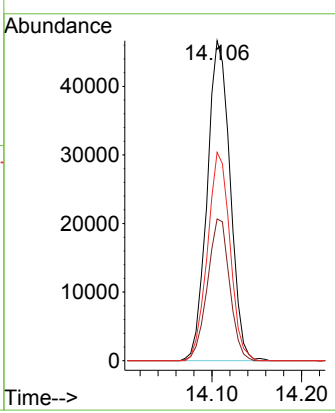
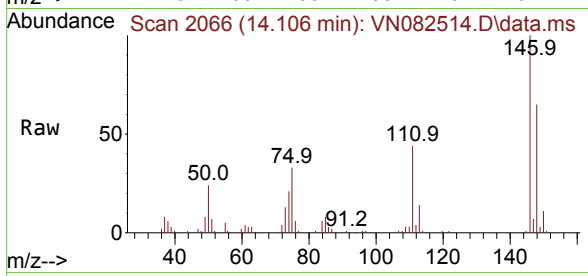




#91
 1,2-Dichlorobenzene
 Concen: 19.399 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

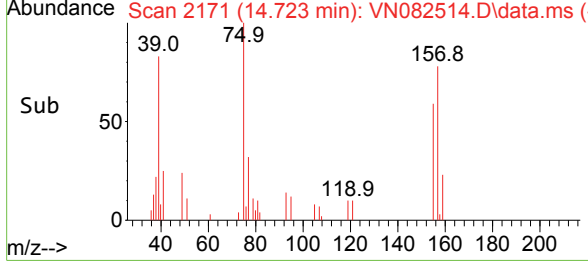
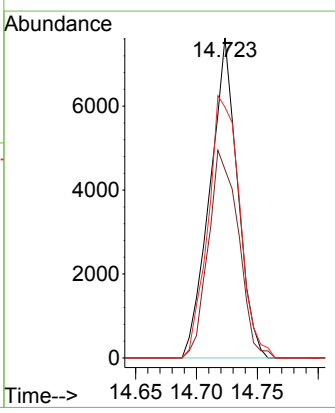
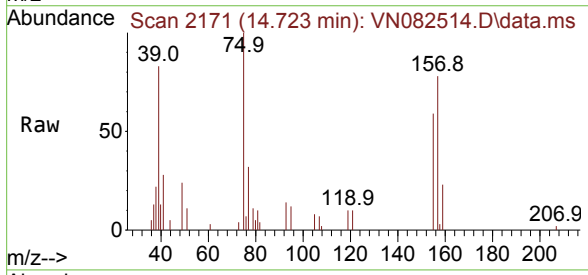
Instrument :
 MSVOA_N
 ClientSampleId :

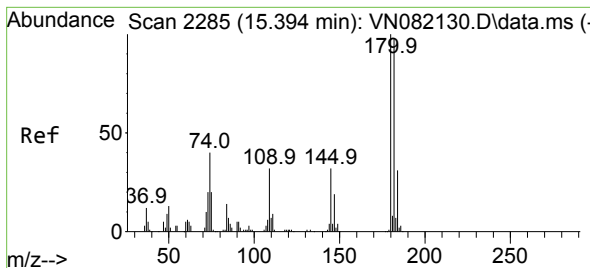
Tgt Ion:	146	Resp:	82676
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.3	64.0
148	63.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.558 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082514.D
 Acq: 10 Jun 2024 14:58

Tgt Ion:	75	Resp:	12080
Ion Ratio	Lower	Upper	
75	100		
155	70.5	42.6	128.0
157	93.3	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.403 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

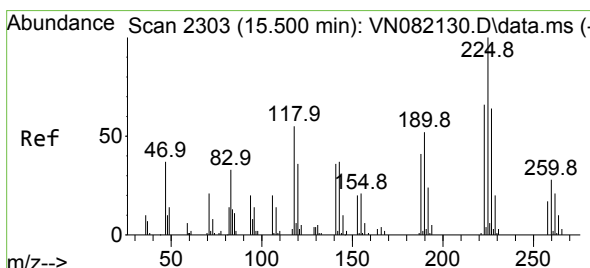
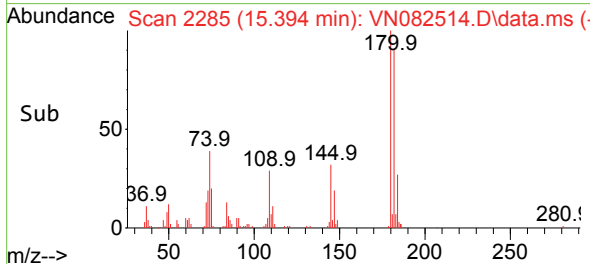
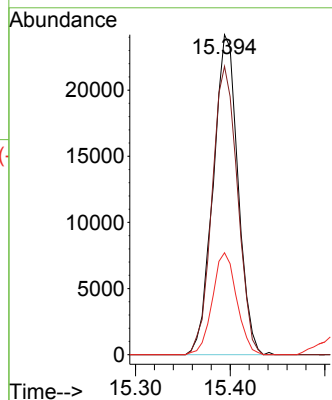
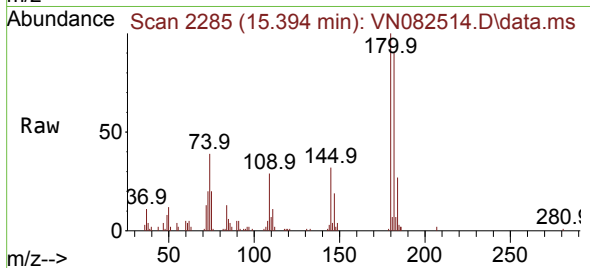
Tgt Ion:180 Resp: 43964

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.0

145 31.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 18.552 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082514.D

Acq: 10 Jun 2024 14:58

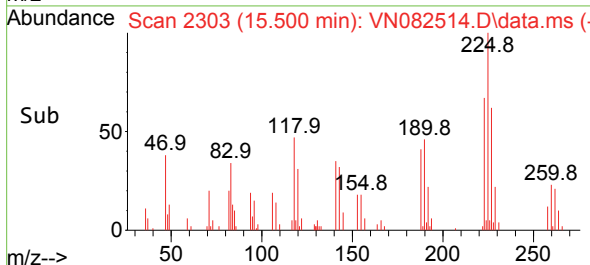
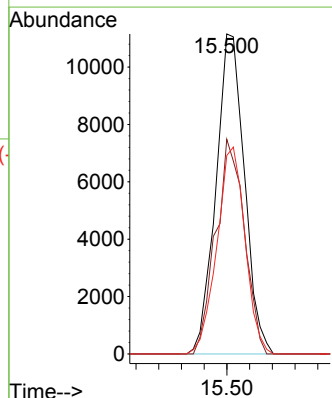
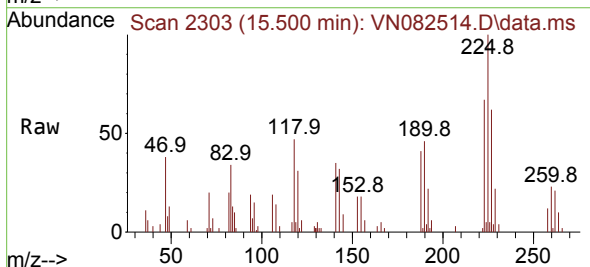
Tgt Ion:225 Resp: 19448

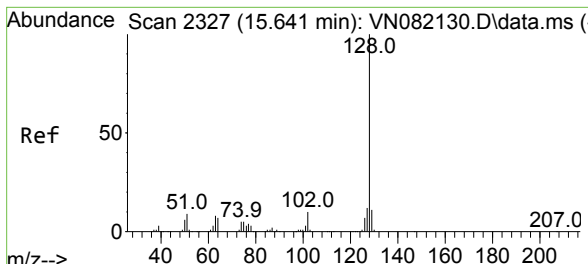
Ion Ratio Lower Upper

225 100

223 67.3 31.1 93.2

227 63.8 30.6 91.6

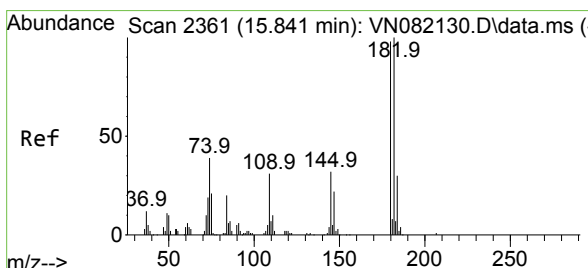
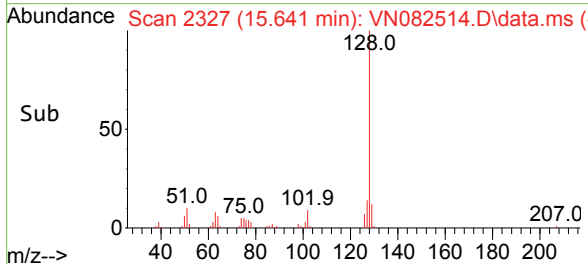
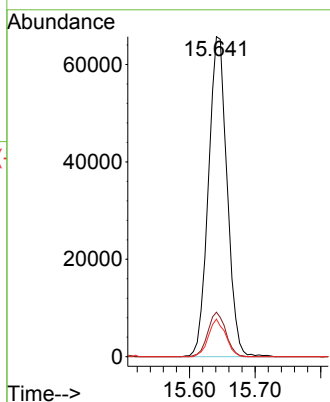
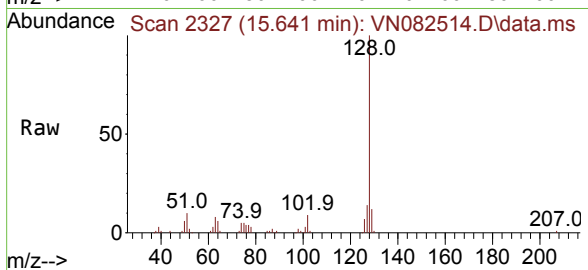




#95
Naphthalene
Concen: 17.314 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp: 129625
Ion Ratio	Lower Upper
128 100	
127 13.4	10.1 15.1
129 10.8	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.339 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082514.D
Acq: 10 Jun 2024 14:58

Tgt Ion:180	Resp: 43859
Ion Ratio	Lower Upper
180 100	
182 95.8	46.0 137.8
145 33.6	17.1 51.3

