

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082521.D
 Acq On : 12 Jun 2024 11:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 15:58:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	192161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143616	47.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.660%
35) Dibromofluoromethane	8.165	113	106490	54.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.980%
50) Toluene-d8	10.565	98	370891	49.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.853	95	142276	53.204	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140796	50.820	ug/l	99
3) Chloromethane	2.365	50	154337	49.155	ug/l	99
4) Vinyl Chloride	2.512	62	154501	52.342	ug/l	98
5) Bromomethane	2.953	94	78870	46.486	ug/l	98
6) Chloroethane	3.118	64	99731	51.745	ug/l	97
7) Trichlorofluoromethane	3.500	101	203209	52.574	ug/l	96
8) Diethyl Ether	3.959	74	71079	51.621	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	117955	52.241	ug/l	99
10) Methyl Iodide	4.589	142	126709	55.823	ug/l	97
11) Tert butyl alcohol	5.524	59	114148	234.358	ug/l	99
12) 1,1-Dichloroethene	4.341	96	108488	51.695	ug/l #	82
13) Acrolein	4.177	56	86017	238.317	ug/l	100
14) Allyl chloride	5.024	41	212672	47.333	ug/l #	91
15) Acrylonitrile	5.718	53	329381	261.114	ug/l	99
16) Acetone	4.424	43	290272	233.204	ug/l	89
17) Carbon Disulfide	4.712	76	330341	48.736	ug/l	95
18) Methyl Acetate	5.024	43	169219	54.590	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	403424	52.591	ug/l	94
20) Methylene Chloride	5.283	84	129918	51.732	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	120837	52.837	ug/l #	82
22) Diisopropyl ether	6.671	45	493440	52.592	ug/l #	93
23) Vinyl Acetate	6.600	43	1934795	261.555	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	254031	52.530	ug/l	98
25) 2-Butanone	7.482	43	472314	250.275	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	208535	51.483	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	143783	53.273	ug/l	83
28) Bromochloromethane	7.818	49	96493	45.729	ug/l #	79
29) Tetrahydrofuran	7.835	42	320764	264.728	ug/l #	83
30) Chloroform	7.965	83	252998	54.785	ug/l	99
31) Cyclohexane	8.259	56	222917	45.998	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	223949	54.662	ug/l	95
36) 1,1-Dichloropropene	8.371	75	178007	54.311	ug/l	96
37) Ethyl Acetate	7.559	43	201913	55.048	ug/l	95
38) Carbon Tetrachloride	8.365	117	195200	58.752	ug/l	98
39) Methylcyclohexane	9.600	83	188976	52.602	ug/l #	85
40) Benzene	8.606	78	547845	56.054	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	110517	51.233	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	202165	53.783	ug/l	95
43) Isopropyl Acetate	8.688	43	350418	53.916	ug/l #	89
44) Trichloroethene	9.353	130	124484	56.071	ug/l	98
45) 1,2-Dichloropropane	9.624	63	141545	56.131	ug/l	99
46) Dibromomethane	9.712	93	93161	56.271	ug/l	98
47) Bromodichloromethane	9.888	83	202889	58.050	ug/l	98
48) Methyl methacrylate	9.682	41	166218	53.672	ug/l #	83
49) 1,4-Dioxane	9.694	88	50317	1159.468	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1035852	280.512	ug/l	90
52) Toluene	10.629	92	344155	58.677	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	211074	58.393	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	220402	57.603	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	123695	58.033	ug/l	99
56) Ethyl methacrylate	10.876	69	209559	57.909	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	222959	55.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	503170	269.571	ug/l	91
59) 2-Hexanone	11.194	43	761890	281.781	ug/l	89
60) Dibromochloromethane	11.359	129	150345	63.917	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127299	58.147	ug/l	98
64) Tetrachloroethene	11.106	164	127736	58.094	ug/l	95
65) Chlorobenzene	11.894	112	361054	55.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	128877	59.702	ug/l	99
67) Ethyl Benzene	11.965	91	659375	56.245	ug/l	97
68) m/p-Xylenes	12.070	106	500002	116.370	ug/l	96
69) o-Xylene	12.400	106	235872	56.672	ug/l	94
70) Styrene	12.412	104	411218	59.483	ug/l	97
71) Bromoform	12.576	173	100638	58.495	ug/l #	100
73) Isopropylbenzene	12.700	105	610011	51.395	ug/l	99
74) N-ethyl acetate	12.494	43	306158	46.894	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	169864	49.647	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	246331	78.336	ug/l	65
77) Bromobenzene	12.982	156	146397	51.757	ug/l	90
78) n-propylbenzene	13.035	91	740947	52.718	ug/l	97
79) 2-Chlorotoluene	13.129	91	437772	49.602	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	517591	53.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	67514	50.218	ug/l #	83
82) 4-Chlorotoluene	13.223	91	449567	52.099	ug/l	95
83) tert-Butylbenzene	13.441	119	426167	50.757	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	523936	53.360	ug/l	97
85) sec-Butylbenzene	13.617	105	605435	52.023	ug/l	99
86) p-Isopropyltoluene	13.729	119	515493	54.503	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	273245	53.321	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	269779	51.581	ug/l	98
89) n-Butylbenzene	14.059	91	440311	51.795	ug/l	98
90) Hexachloroethane	14.335	117	97158	55.444	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	260940	53.794	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37013	52.653	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	139985	51.484	ug/l	99
94) Hexachlorobutadiene	15.505	225	60922	51.063	ug/l	97
95) Naphthalene	15.641	128	449178	52.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	140022	51.442	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

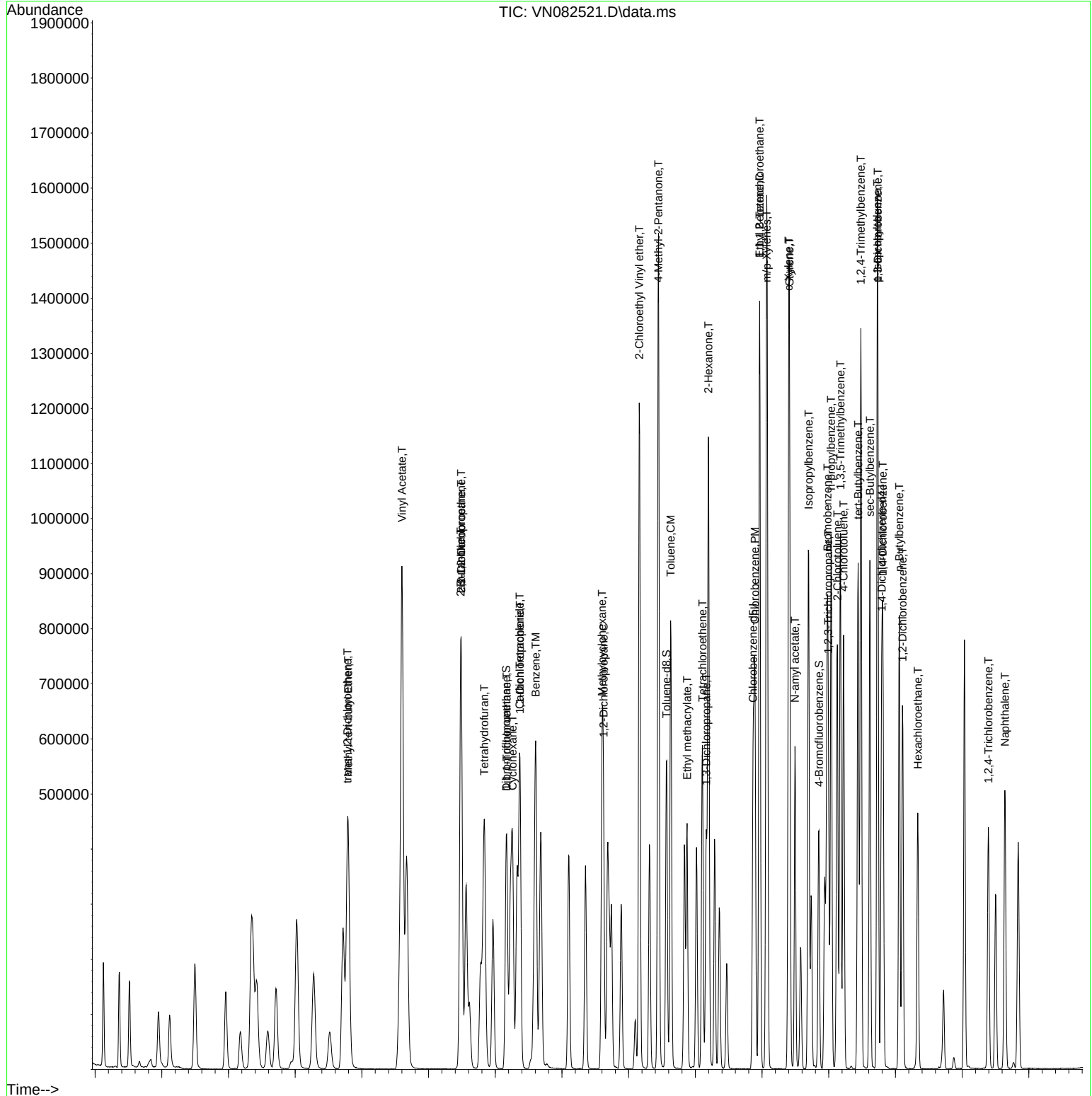
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

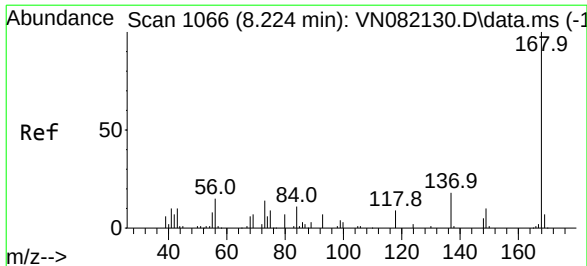
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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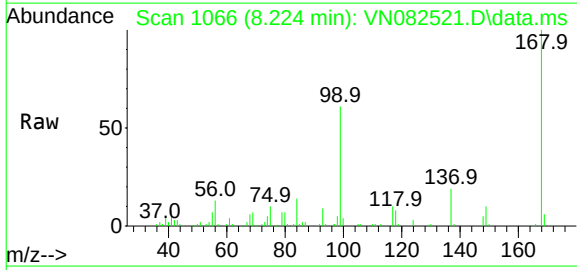
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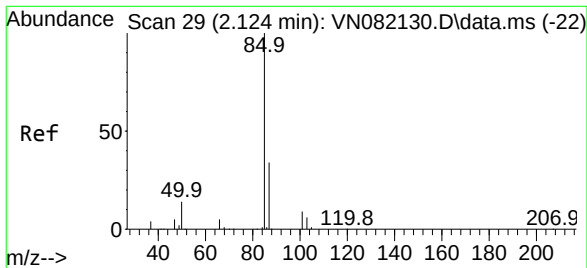
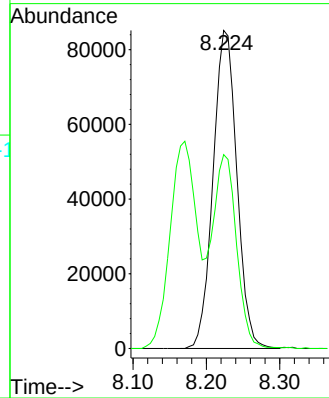
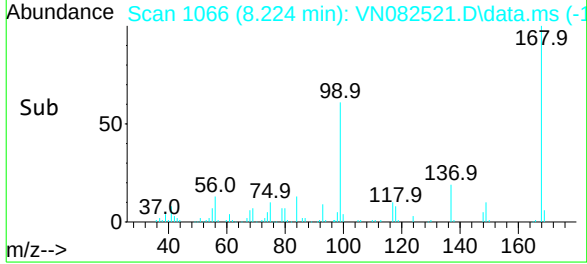


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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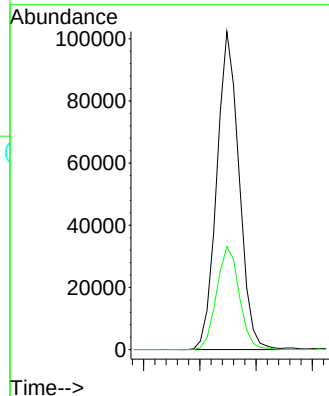
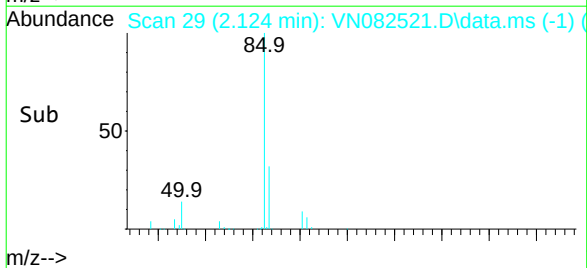
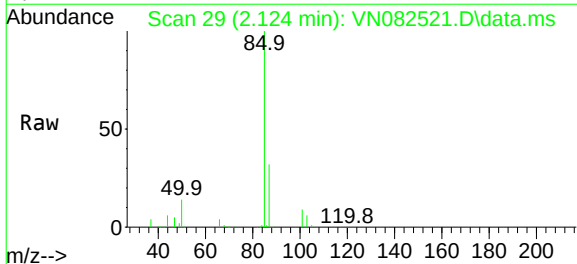


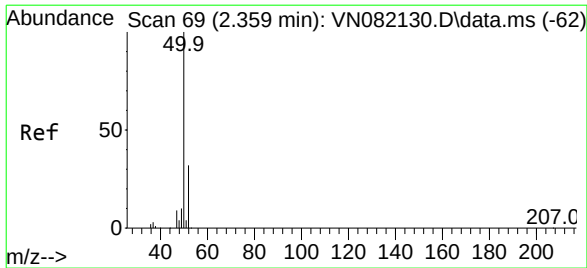
Tgt Ion:168 Resp: 192161
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 50.820 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

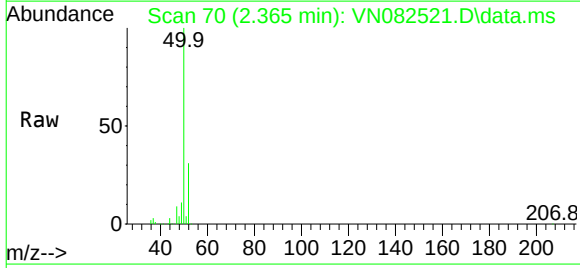
Tgt Ion: 85 Resp: 140796
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4



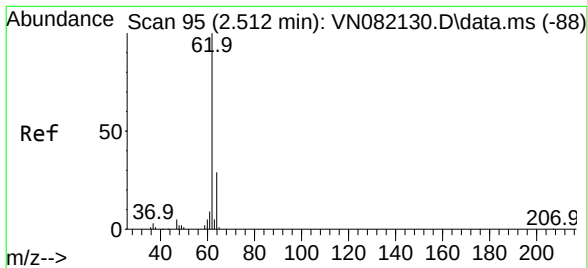
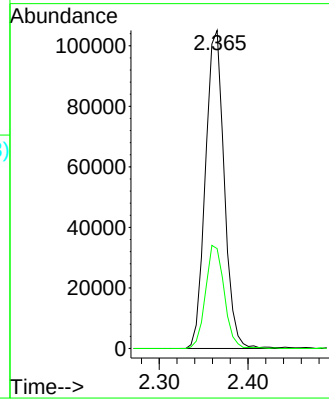
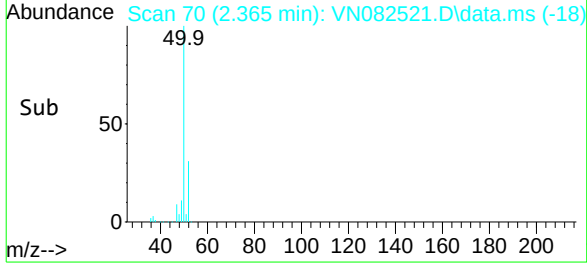


#3
Chloromethane
Concen: 49.155 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

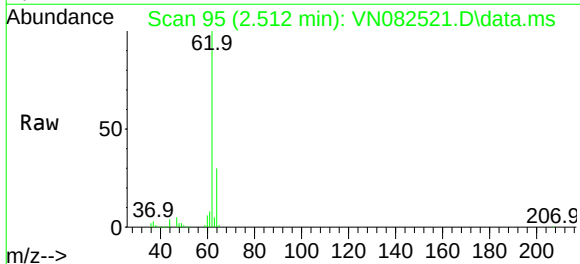
Instrument :
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ClientSampleId :
VSTDCCC050



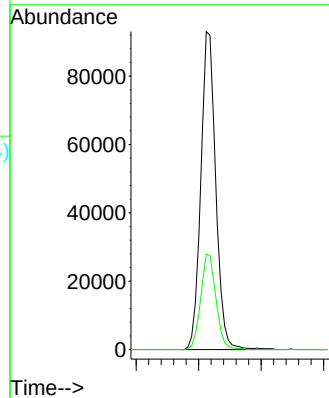
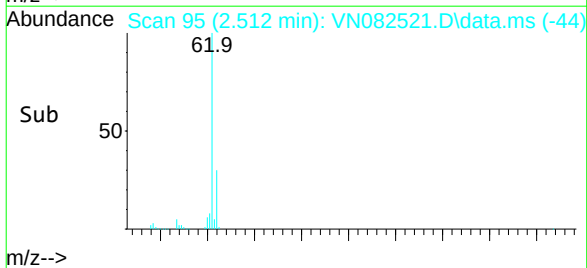
Tgt Ion: 50 Resp: 154337
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

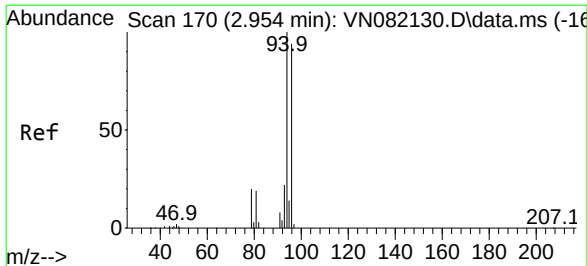


#4
Vinyl Chloride
Concen: 52.342 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12



Tgt Ion: 62 Resp: 154501
Ion Ratio Lower Upper
62 100
64 30.0 24.6 37.0

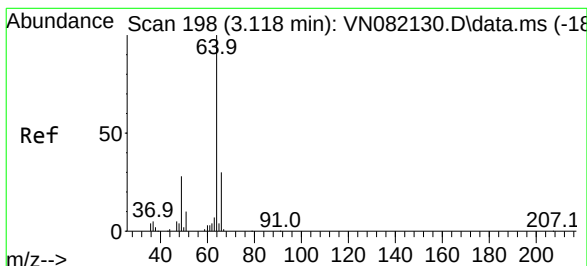
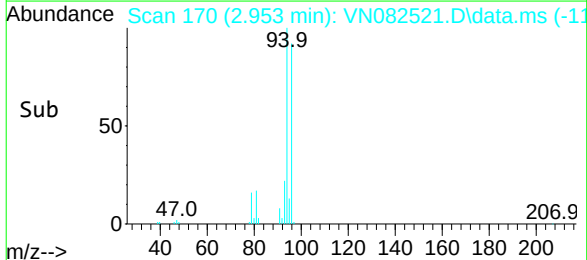
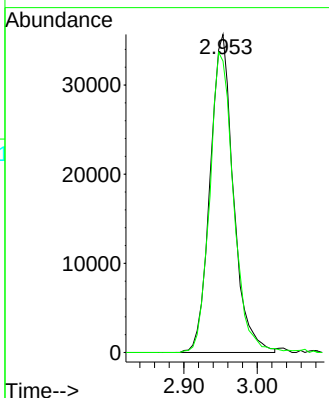
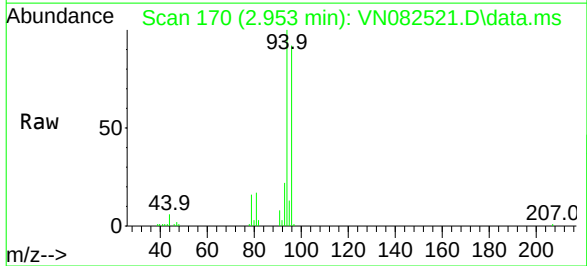




#5
Bromomethane
Concen: 46.486 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN082521.D
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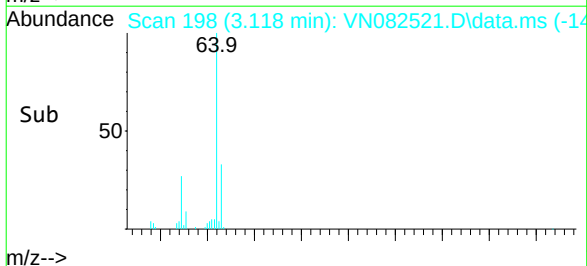
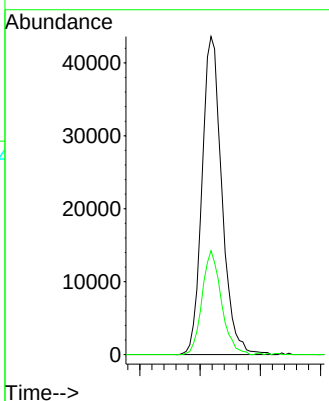
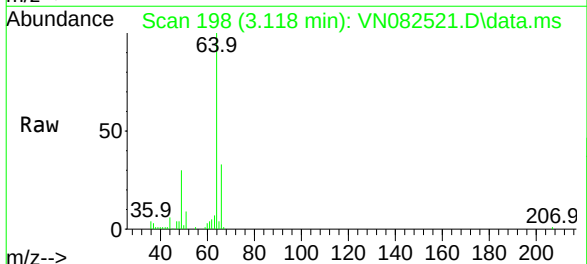
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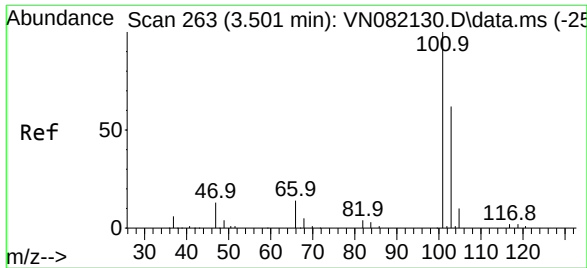
Tgt Ion: 94 Resp: 78870
Ion Ratio Lower Upper
94 100
96 91.6 74.8 112.2



#6
Chloroethane
Concen: 51.745 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082521.D
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Tgt Ion: 64 Resp: 99731
Ion Ratio Lower Upper
64 100
66 32.7 24.7 37.1

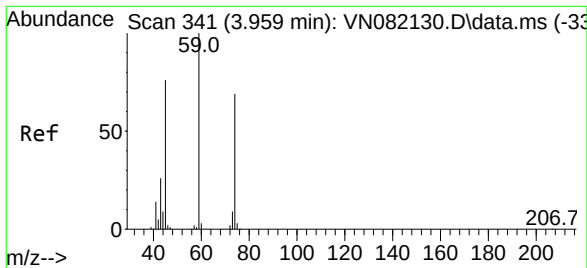
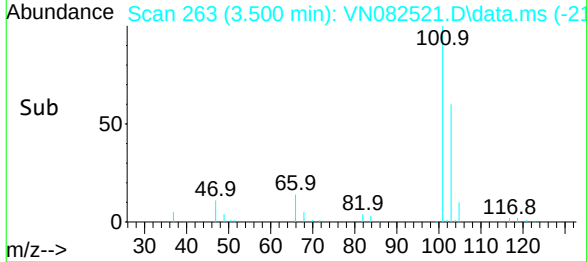
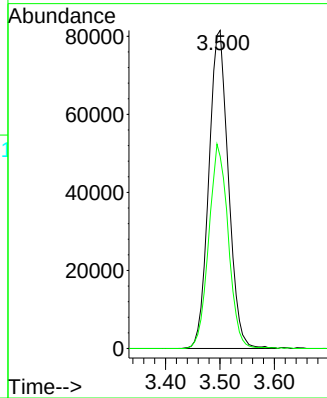
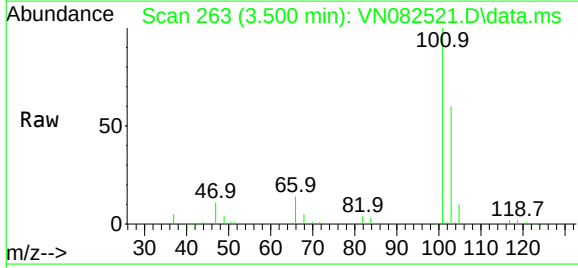




#7
Trichlorofluoromethane
Concen: 52.574 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

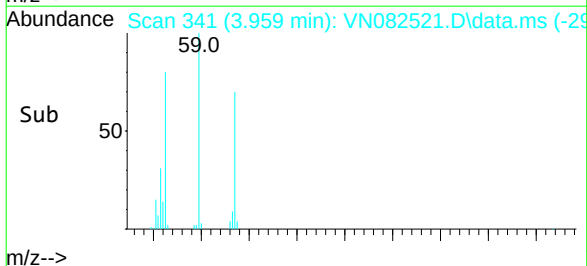
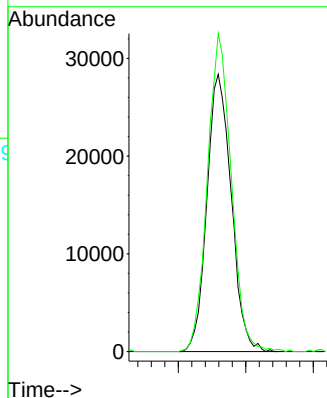
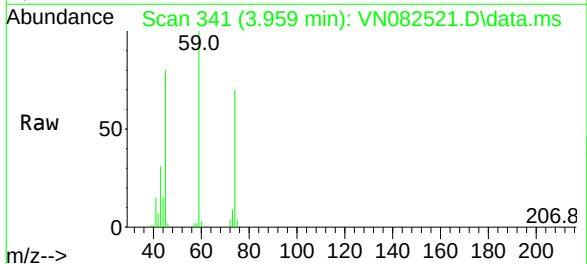
Instrument :
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ClientSampleId :
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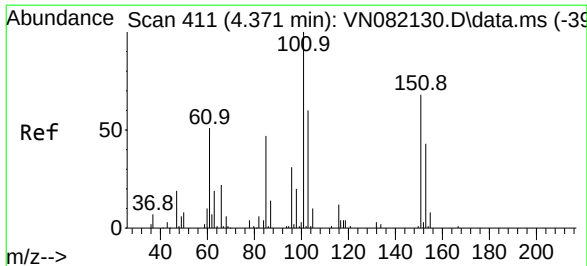
Tgt Ion:101 Resp: 203209
Ion Ratio Lower Upper
101 100
103 60.4 50.6 75.8



#8
Diethyl Ether
Concen: 51.621 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082521.D
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Tgt Ion: 74 Resp: 71079
Ion Ratio Lower Upper
74 100
45 112.6 42.4 127.3

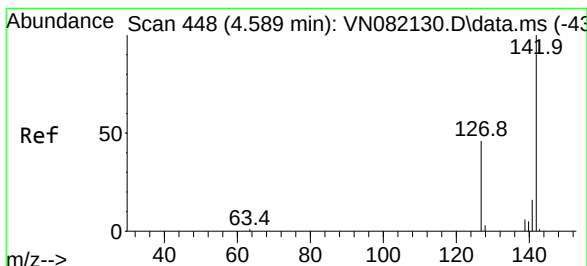
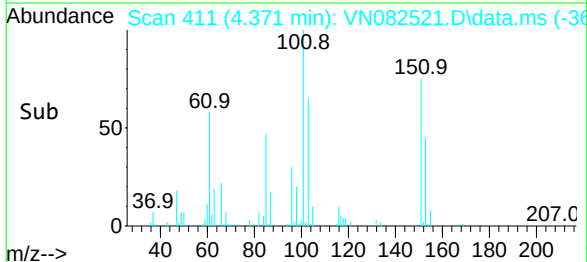
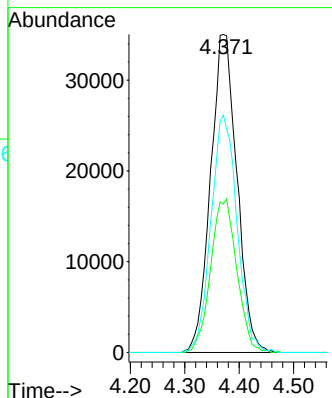
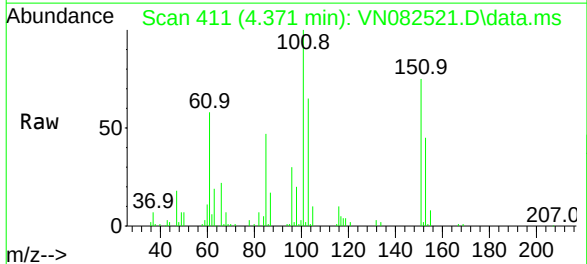




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.241 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

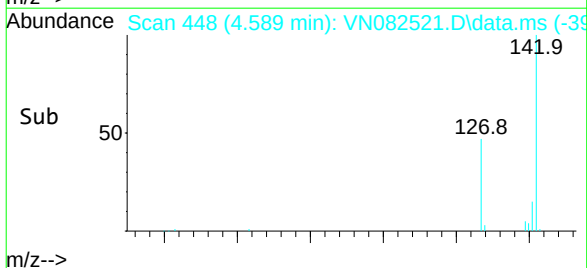
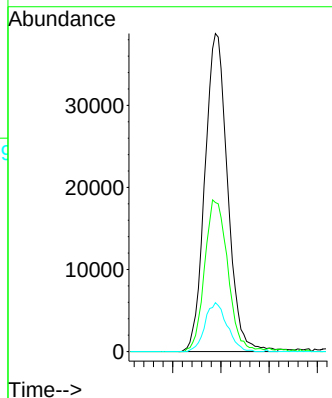
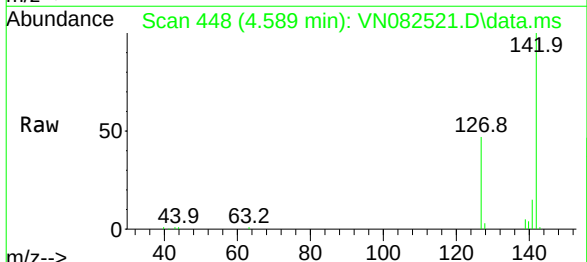
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

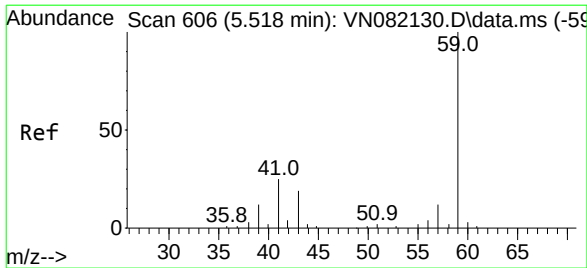
Tgt Ion:101 Resp: 117955
Ion Ratio Lower Upper
101 100
85 47.9 37.3 55.9
151 73.9 59.2 88.8



#10
Methyl Iodide
Concen: 55.823 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:142 Resp: 126709
Ion Ratio Lower Upper
142 100
127 46.9 35.8 53.6
141 15.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 234.358 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

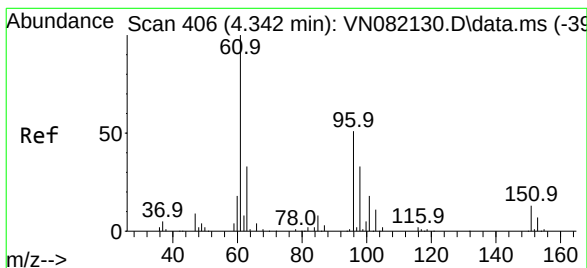
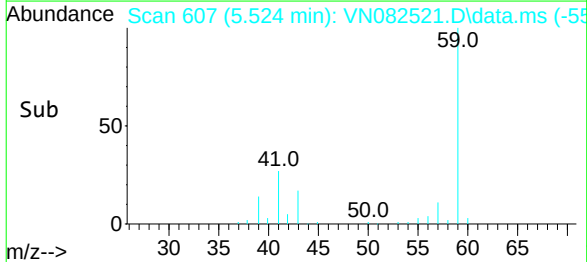
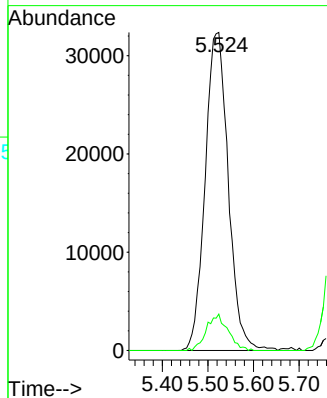
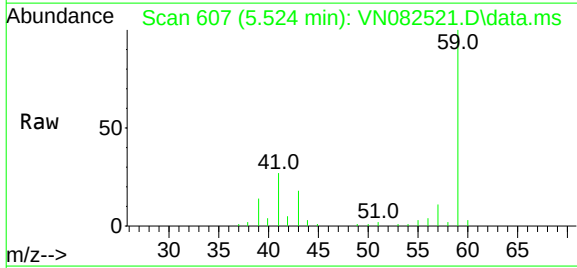
VSTDCCC050

Tgt Ion: 59 Resp: 114148

Ion Ratio Lower Upper

59 100

57 10.6 8.9 13.3



#12

1,1-Dichloroethene

Concen: 51.695 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

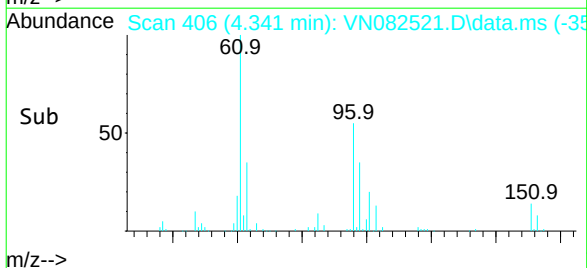
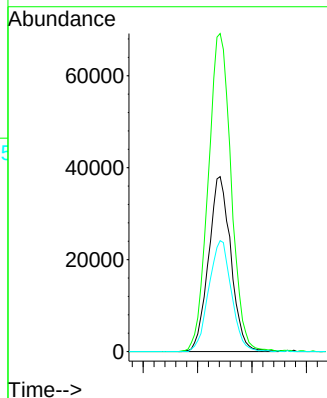
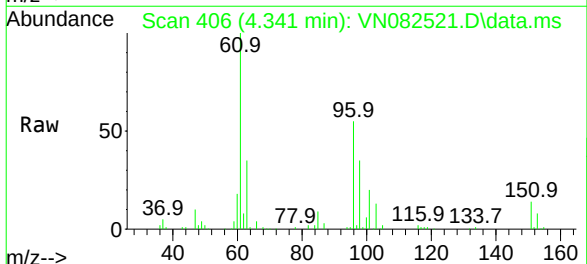
Tgt Ion: 96 Resp: 108488

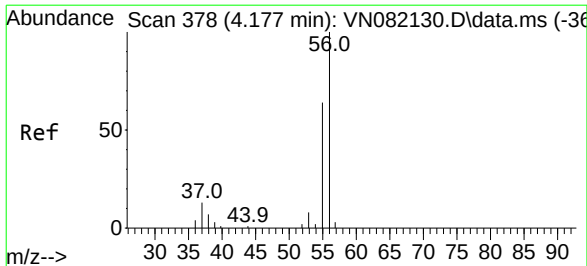
Ion Ratio Lower Upper

96 100

61 181.8 119.7 179.5#

98 63.4 49.6 74.4





#13

Acrolein

Concen: 238.317 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

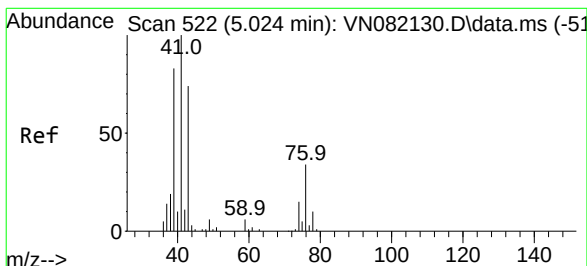
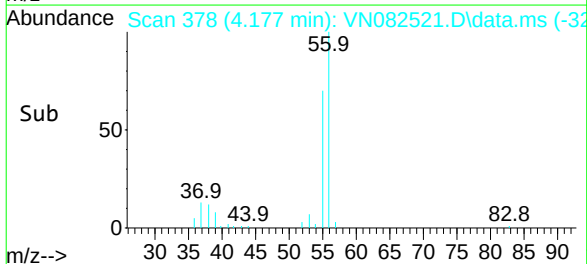
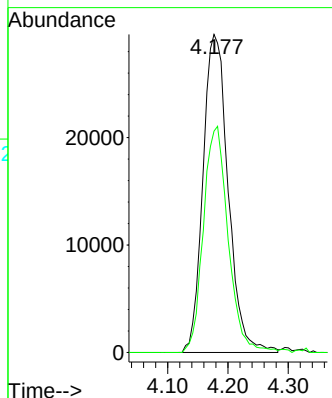
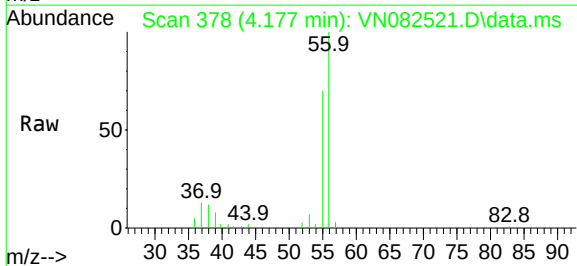
VSTDCCC050

Tgt Ion: 56 Resp: 86017

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



#14

Allyl chloride

Concen: 47.333 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

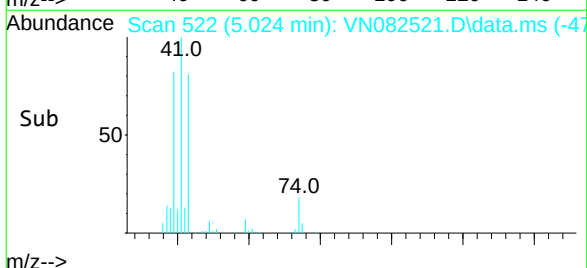
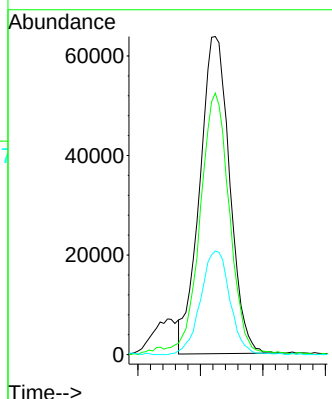
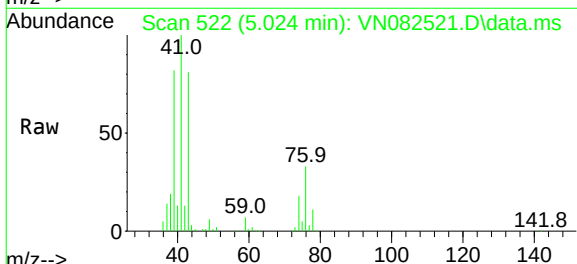
Tgt Ion: 41 Resp: 212672

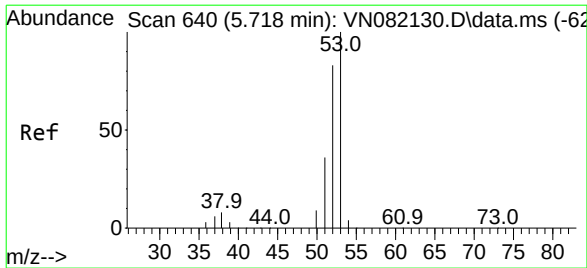
Ion Ratio Lower Upper

41 100

39 79.6 65.4 98.0

76 32.0 37.3 55.9#





#15

Acrylonitrile

Concen: 261.114 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

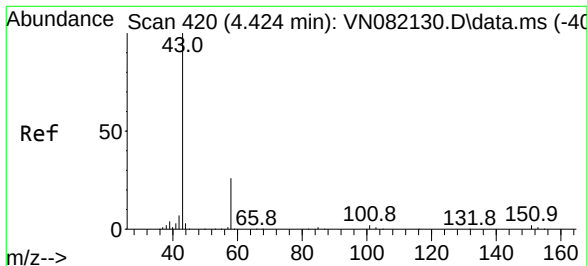
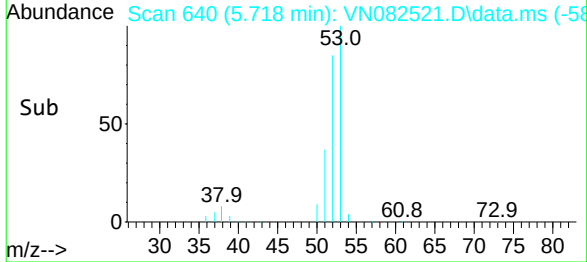
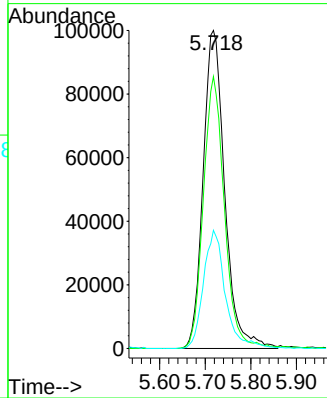
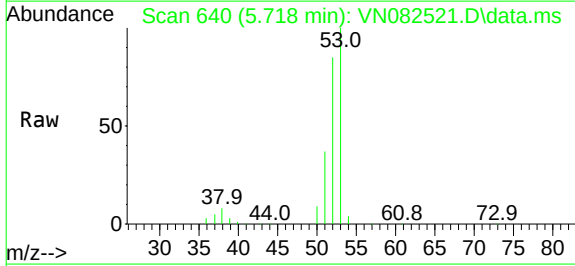
Tgt Ion: 53 Resp: 329381

Ion Ratio Lower Upper

53 100

52 83.2 66.1 99.1

51 37.9 29.4 44.2



#16

Acetone

Concen: 233.204 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN082521.D

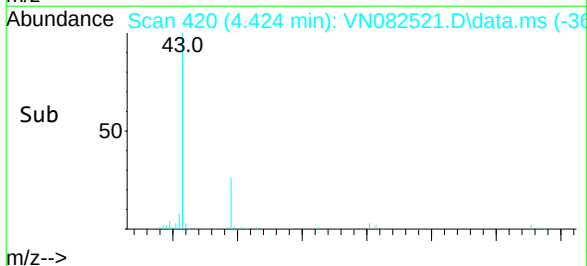
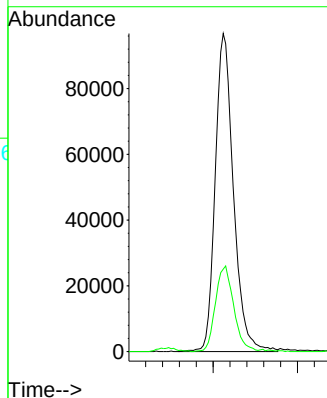
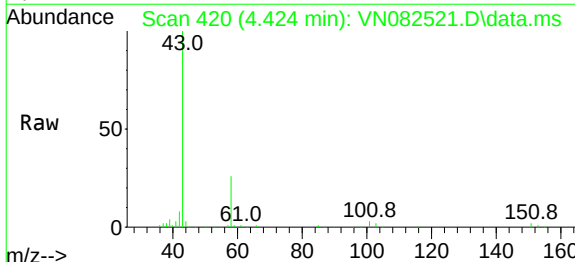
Acq: 12 Jun 2024 11:12

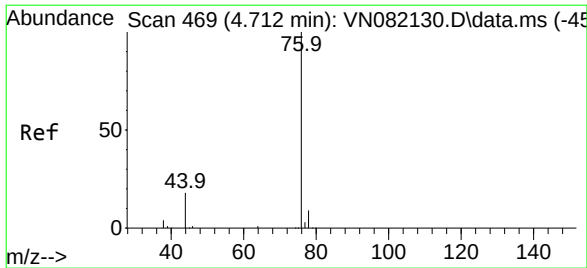
Tgt Ion: 43 Resp: 290272

Ion Ratio Lower Upper

43 100

58 25.7 25.2 37.8

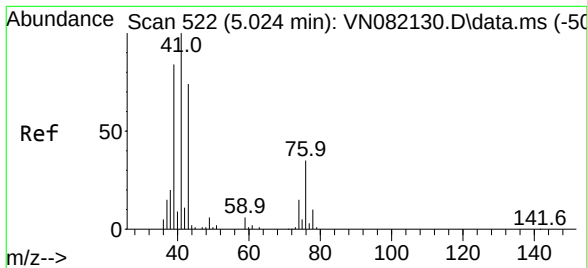
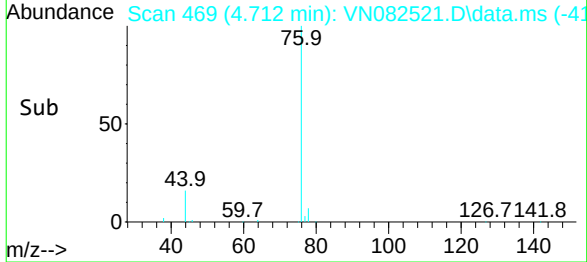
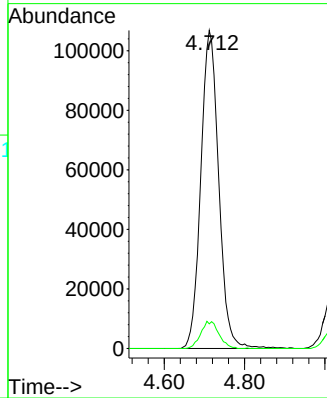
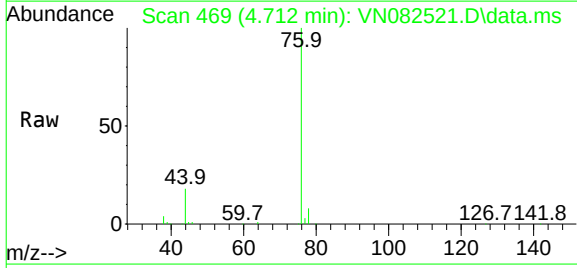




#17
Carbon Disulfide
Concen: 48.736 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

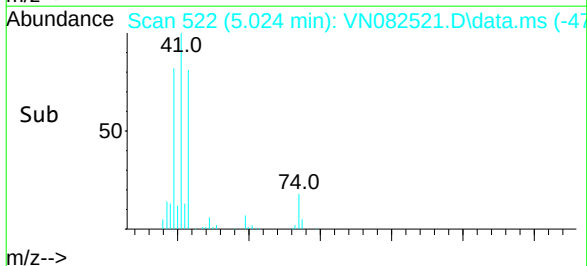
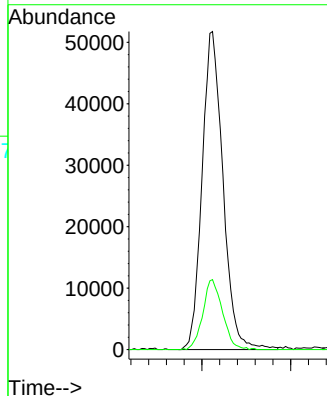
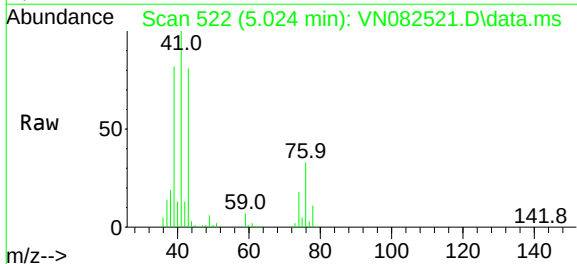
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

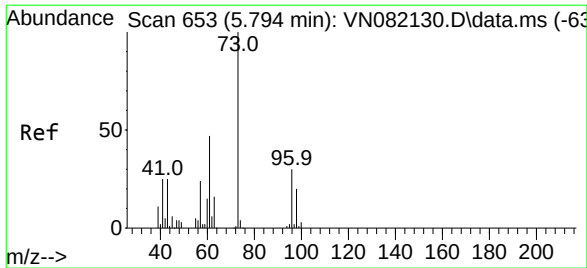
Tgt Ion: 76 Resp: 330341
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 54.590 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 43 Resp: 169219
Ion Ratio Lower Upper
43 100
74 20.7 22.2 33.2#





#19

Methyl tert-butyl Ether

Concen: 52.591 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

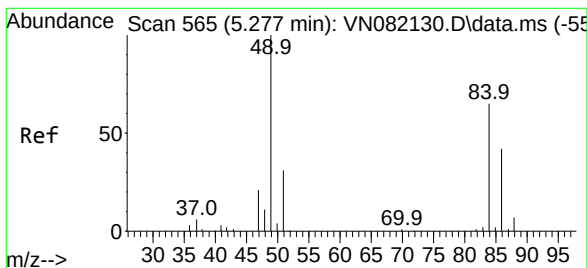
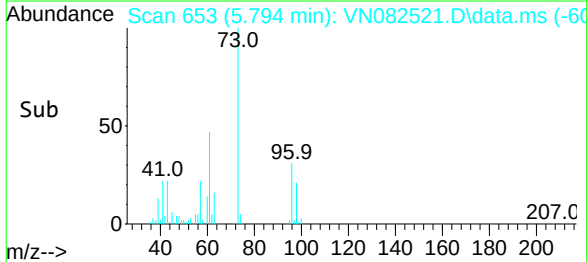
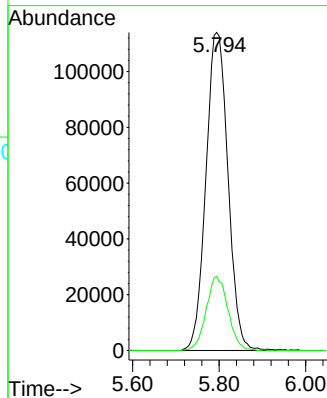
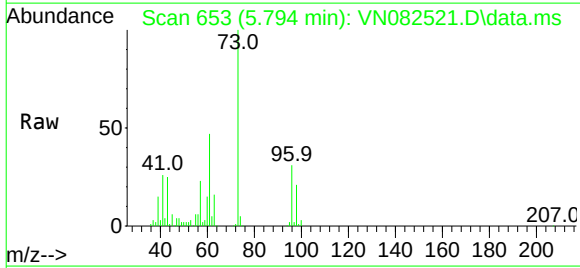
VSTDCCC050

Tgt Ion: 73 Resp: 403424

Ion Ratio Lower Upper

73 100

57 23.3 16.5 24.7



#20

Methylene Chloride

Concen: 51.732 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion: 84 Resp: 129918

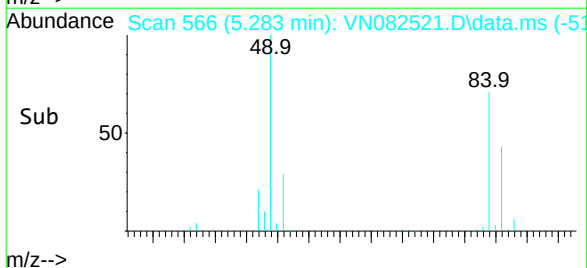
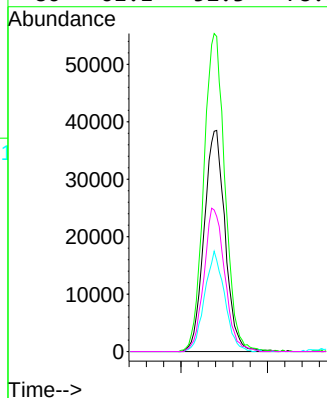
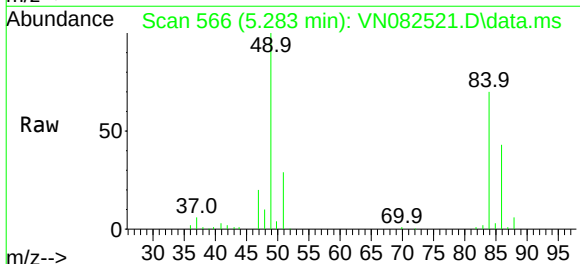
Ion Ratio Lower Upper

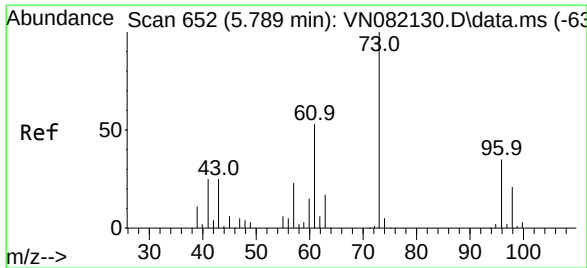
84 100

49 142.5 84.9 127.3#

51 41.3 27.0 40.6#

86 61.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.837 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN082521.D

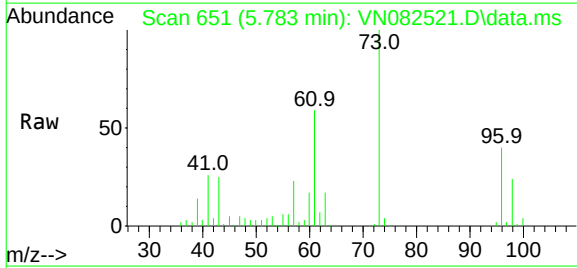
Acq: 12 Jun 2024 11:12

Instrument :

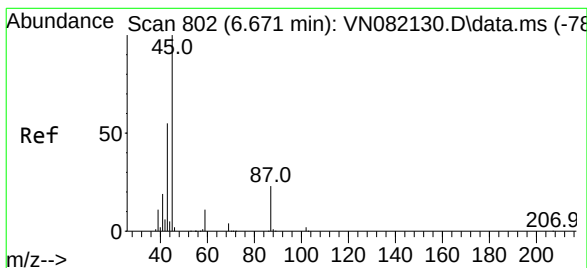
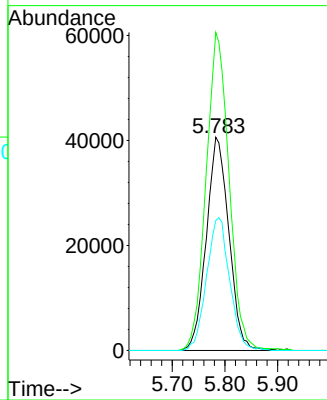
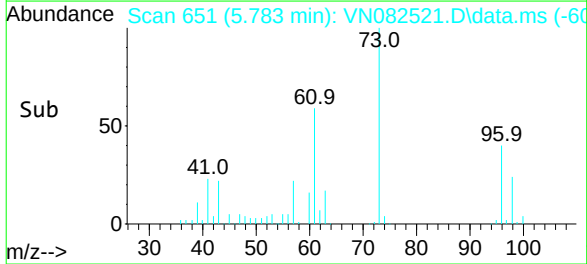
MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:	96	Resp:	120837
Ion	Ratio	Lower	Upper
96	100		
61	149.1	96.5	144.7#
98	60.9	51.3	76.9



#22

Diisopropyl ether

Concen: 52.592 ug/l

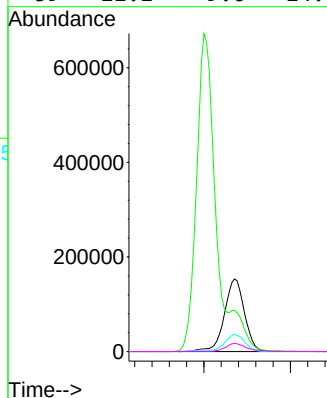
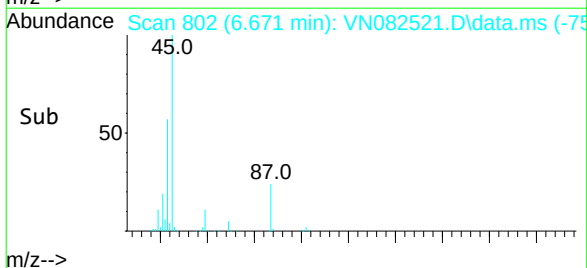
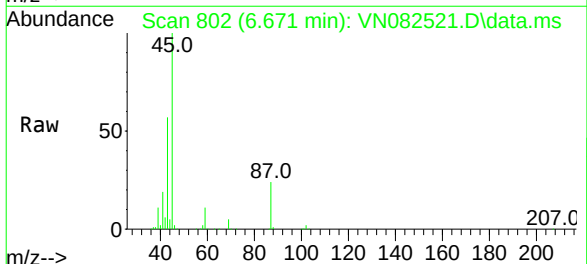
RT: 6.671 min Scan# 802

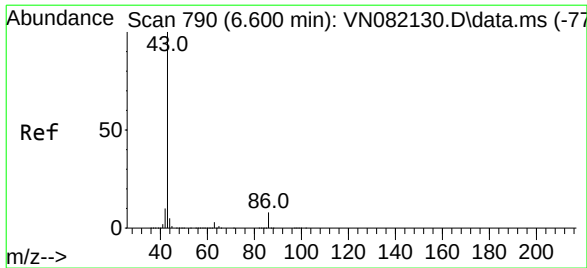
Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:	45	Resp:	493440
Ion	Ratio	Lower	Upper
45	100		
43	56.3	44.1	66.1
87	23.9	27.0	40.6#
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 261.555 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

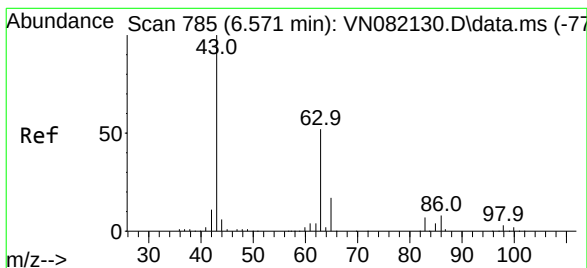
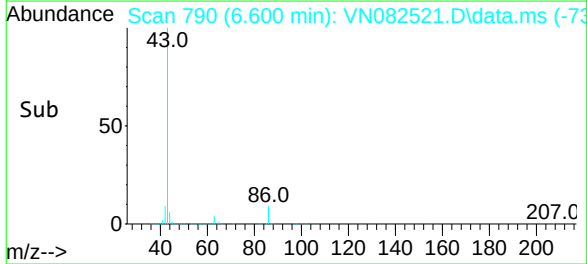
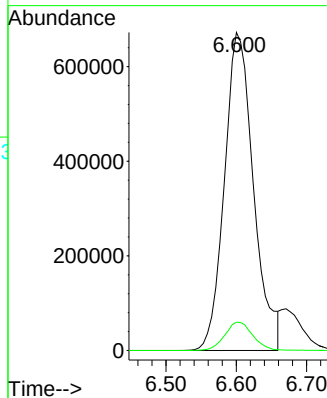
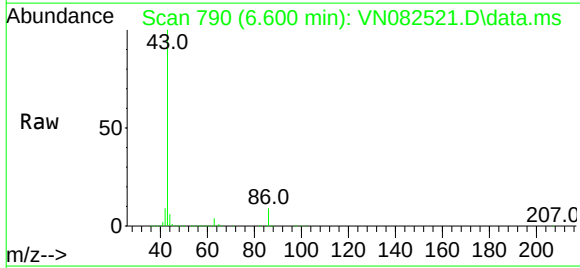
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1934795

Ion	Ratio	Lower	Upper
43	100		
86	8.9	10.2	15.4



#24

1,1-Dichloroethane

Concen: 52.530 ug/l

RT: 6.571 min Scan# 785

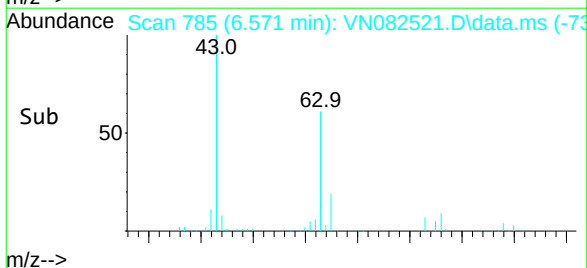
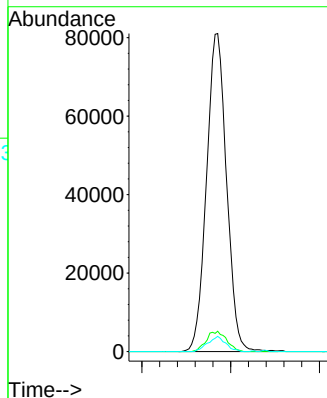
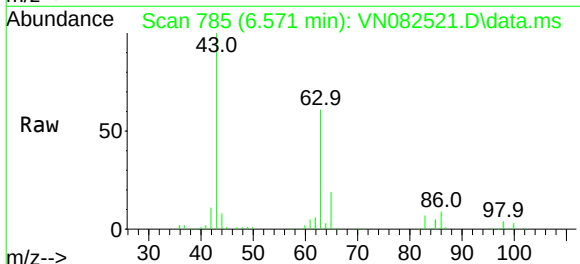
Delta R.T. -0.000 min

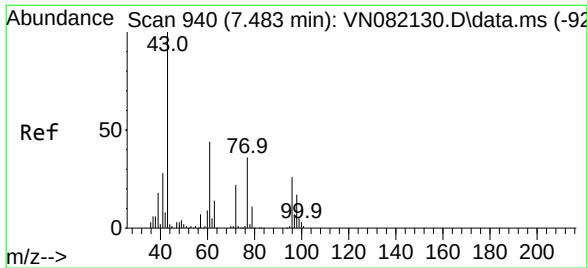
Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion: 63 Resp: 254031

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.9
100	4.8	2.6	7.8

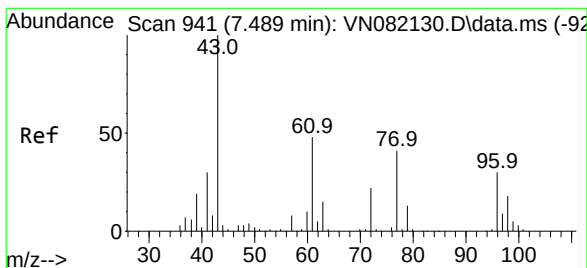
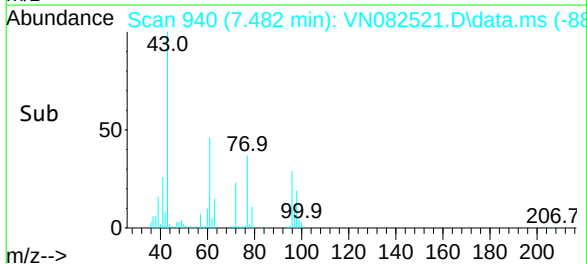
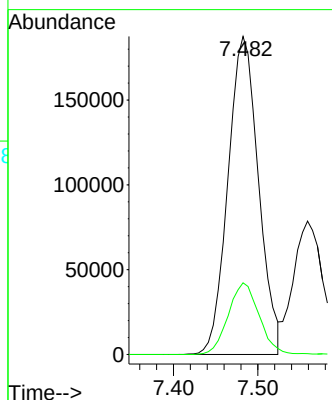
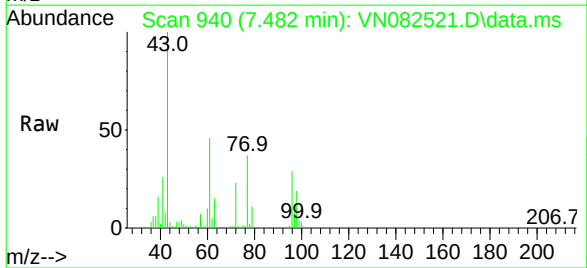




#25
2-Butanone
Concen: 250.275 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

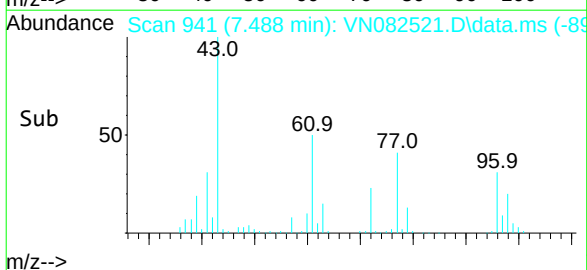
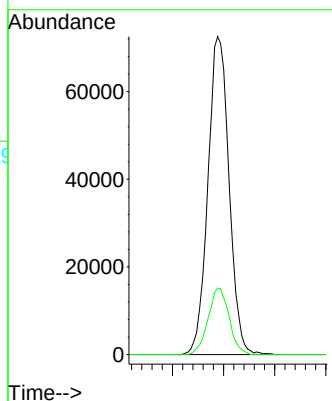
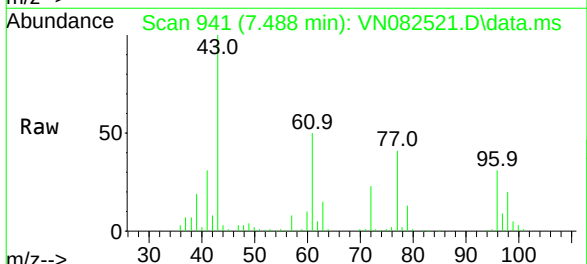
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

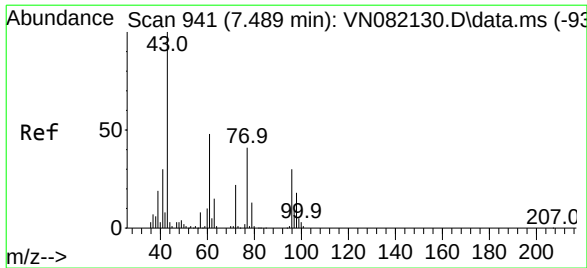
Tgt Ion: 43 Resp: 472314
Ion Ratio Lower Upper
43 100
72 22.5 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 51.483 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 77 Resp: 208535
Ion Ratio Lower Upper
77 100
97 20.8 11.3 33.9

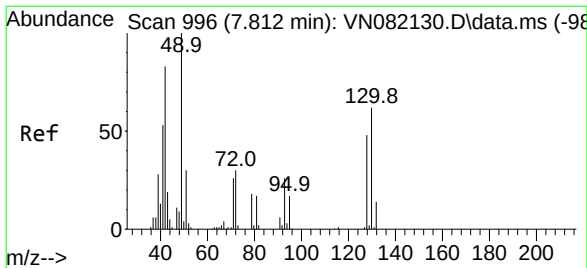
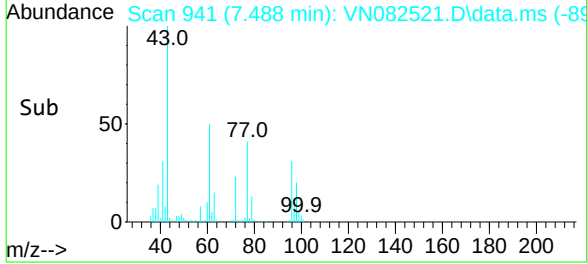
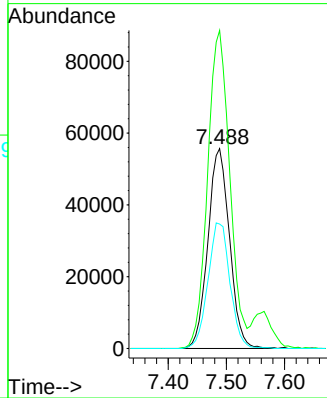
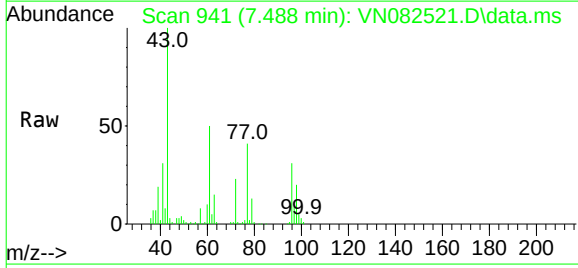




#27
 cis-1,2-Dichloroethene
 Concen: 53.273 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082521.D
 Acq: 12 Jun 2024 11:12

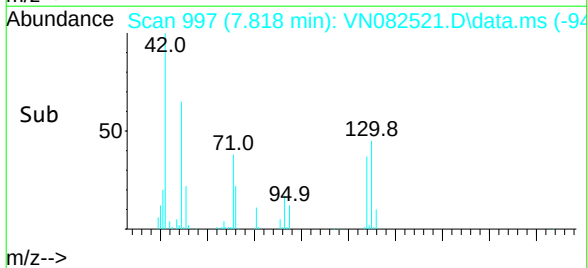
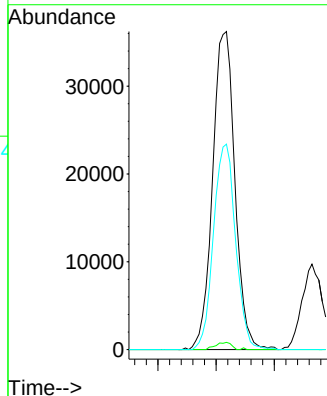
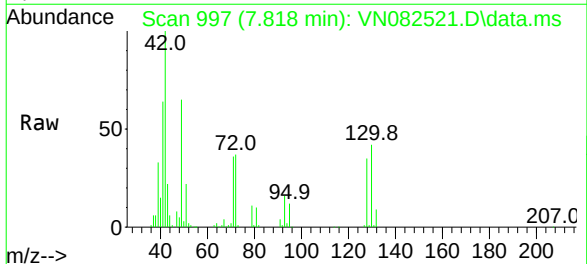
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

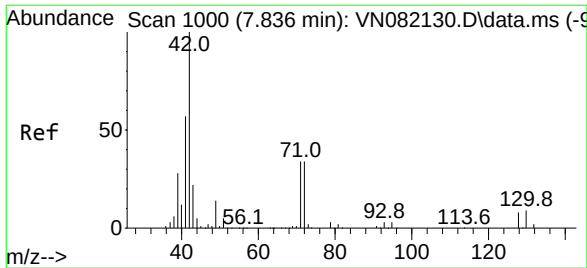
Tgt Ion: 96 Resp: 143783
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 268.0
 98 64.1 0.0 126.8



#28
 Bromochloromethane
 Concen: 45.729 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082521.D
 Acq: 12 Jun 2024 11:12

Tgt Ion: 49 Resp: 96493
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 64.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 264.728 ug/l

RT: 7.835 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

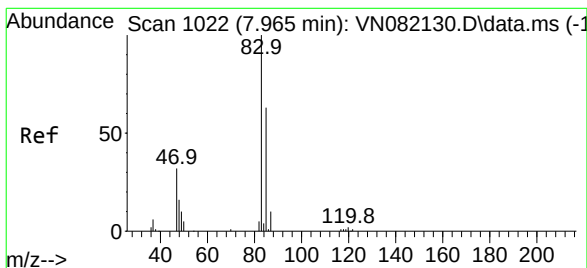
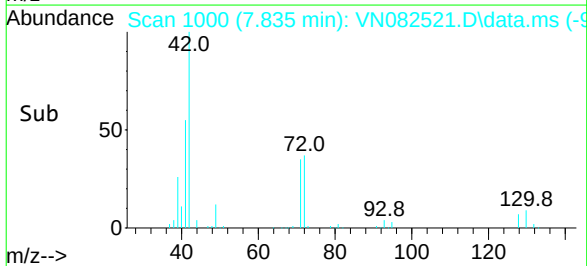
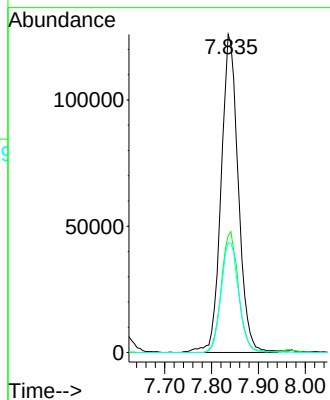
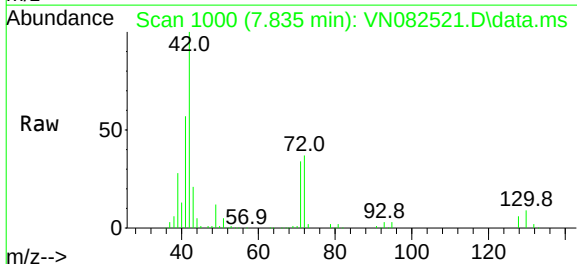
Tgt Ion: 42 Resp: 320764

Ion Ratio Lower Upper

42 100

72 37.7 39.3 58.9#

71 35.5 37.4 56.0#



#30

Chloroform

Concen: 54.785 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082521.D

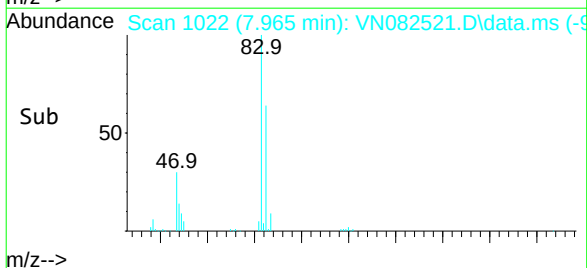
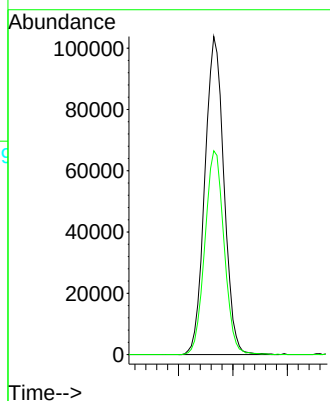
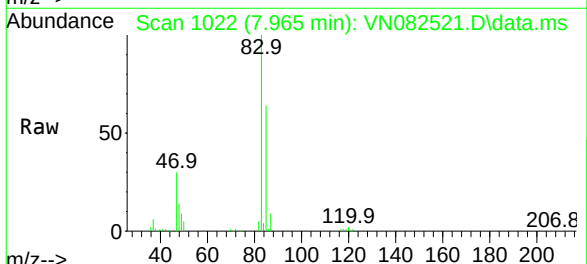
Acq: 12 Jun 2024 11:12

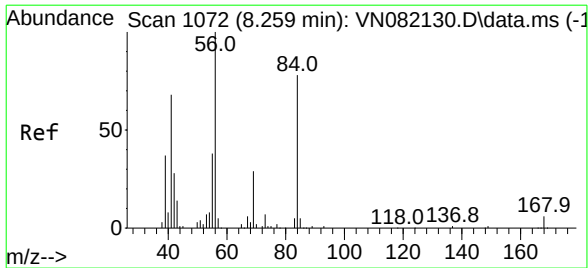
Tgt Ion: 83 Resp: 252998

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1

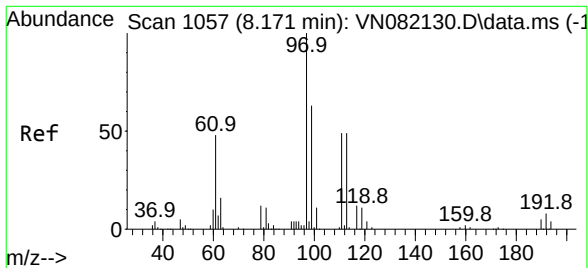
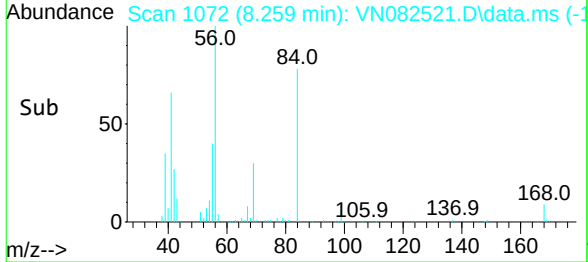
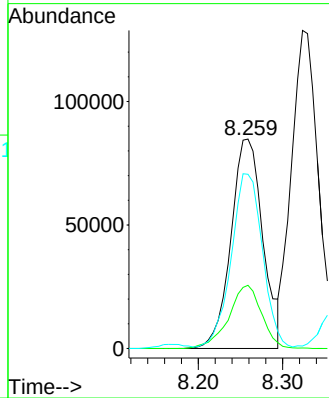
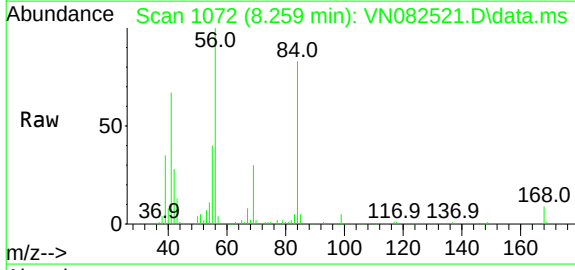




#31
Cyclohexane
Concen: 45.998 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

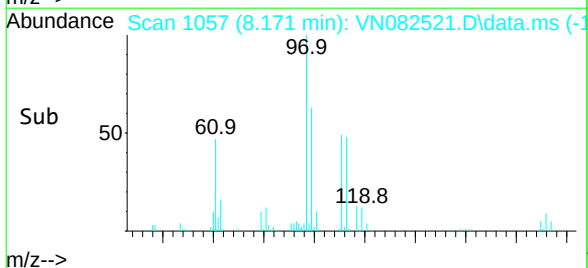
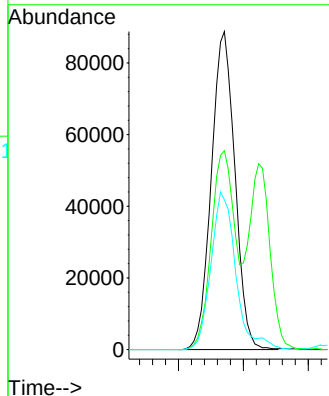
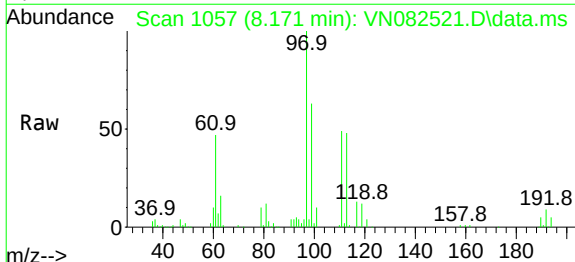
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

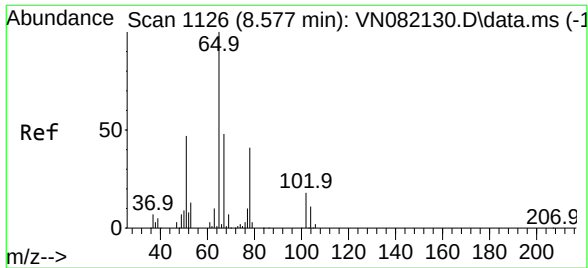
Tgt Ion:	56	Resp:	222917
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.4	36.6
84	81.3	77.0	115.4



#32
1,1,1-Trichloroethane
Concen: 54.662 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:	97	Resp:	223949
Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.3	75.5
61	52.3	36.6	55.0

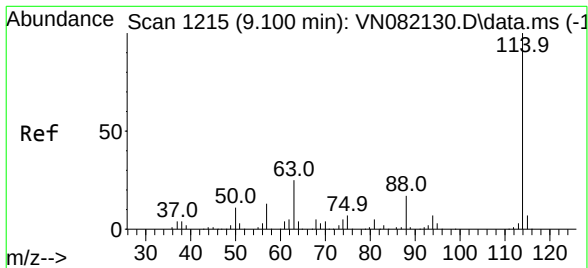
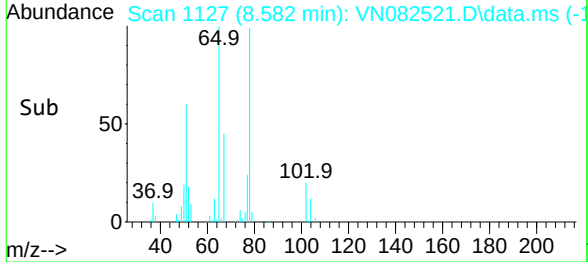
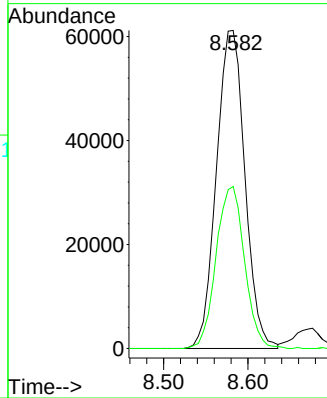
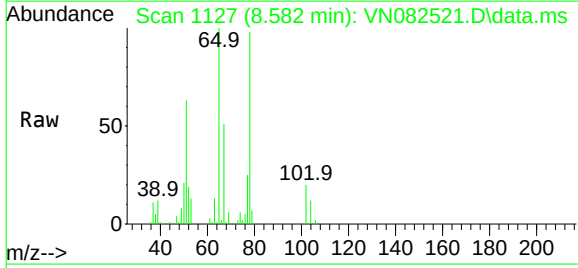




#33
1,2-Dichloroethane-d4
Concen: 47.331 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

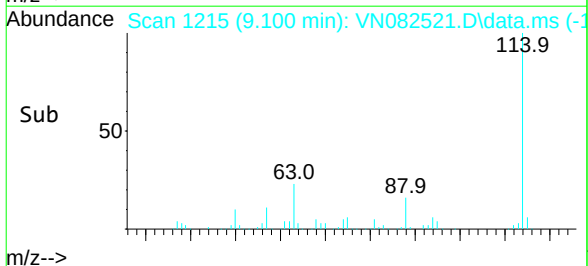
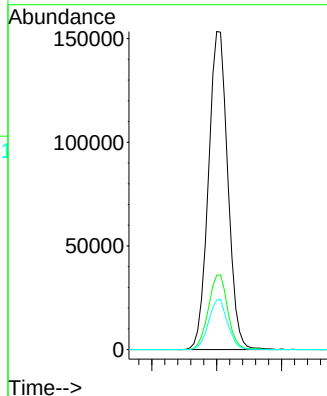
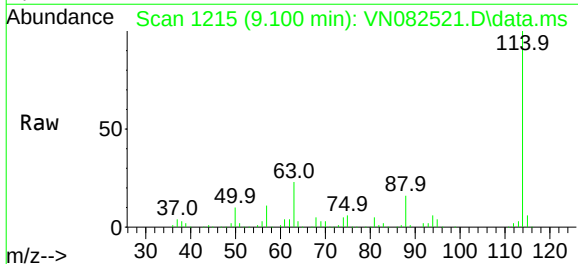
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

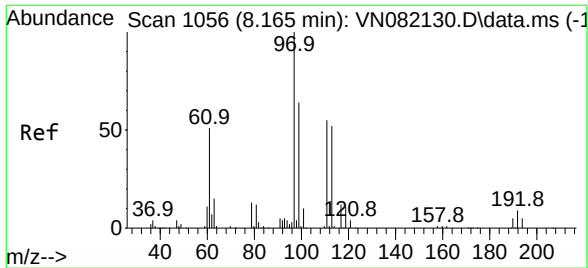
Tgt Ion: 65 Resp: 143616
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 114 Resp: 317678
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 15.6 0.0 31.4

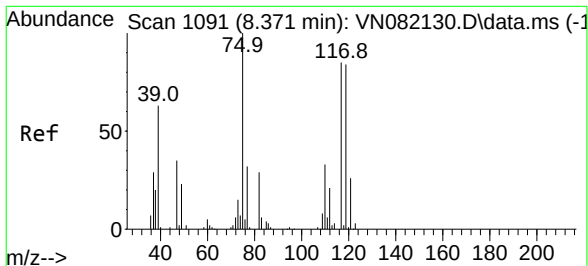
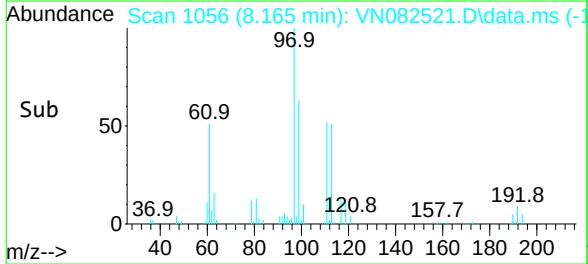
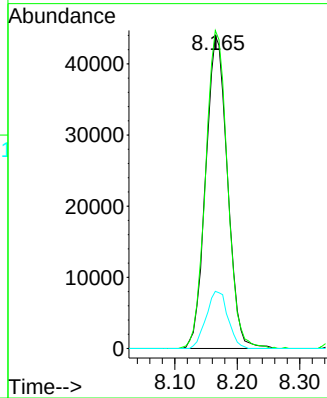
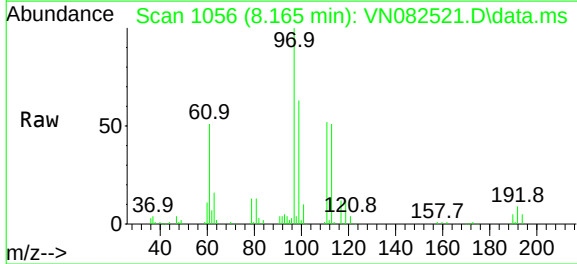




#35
Dibromofluoromethane
Concen: 54.493 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

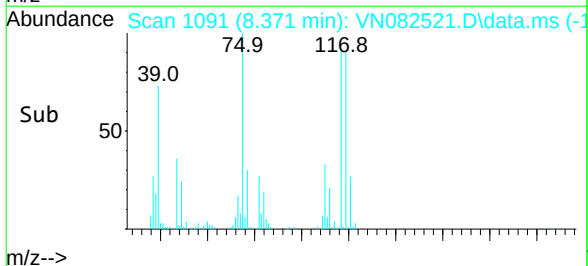
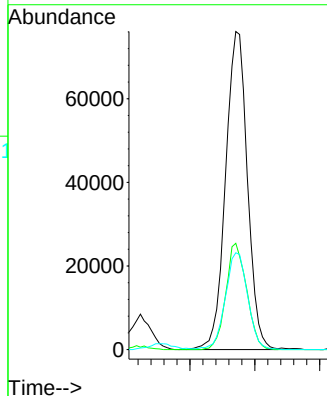
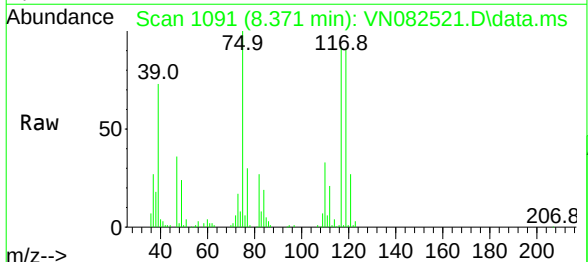
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

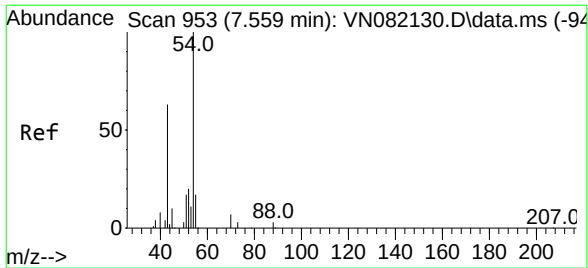
Tgt Ion:113 Resp: 106490
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 54.311 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 75 Resp: 178007
Ion Ratio Lower Upper
75 100
110 31.8 17.8 53.5
77 31.1 25.0 37.4

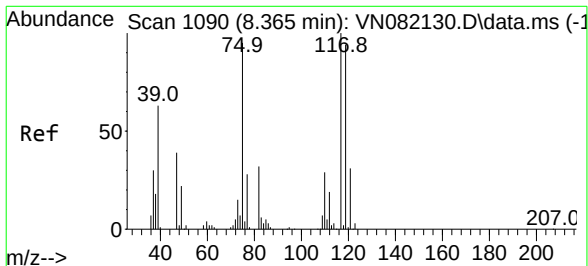
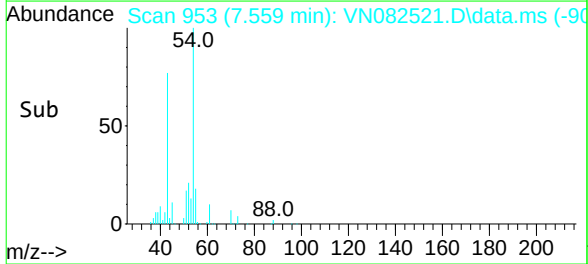
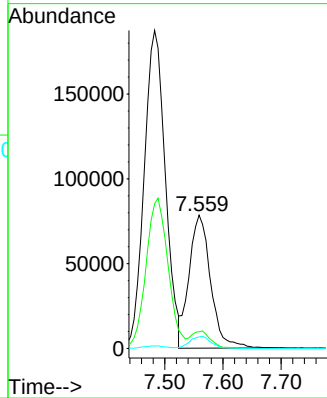
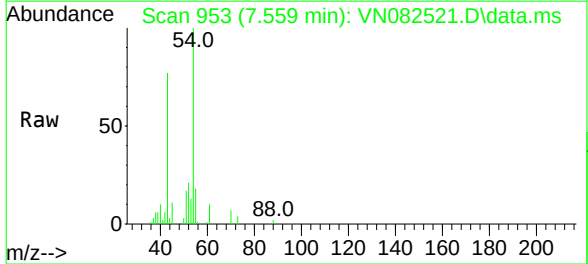




#37
Ethyl Acetate
Concen: 55.048 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

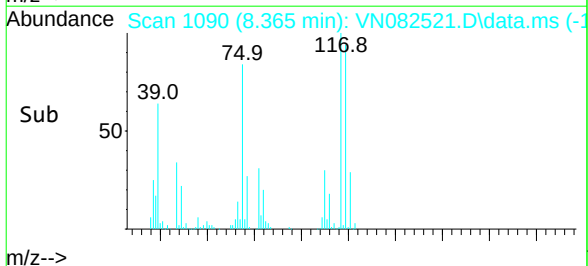
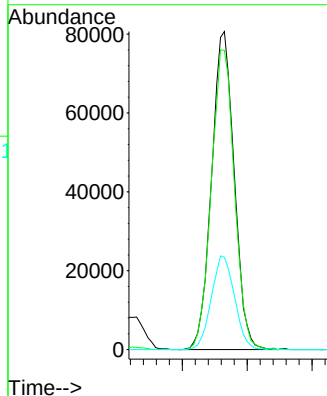
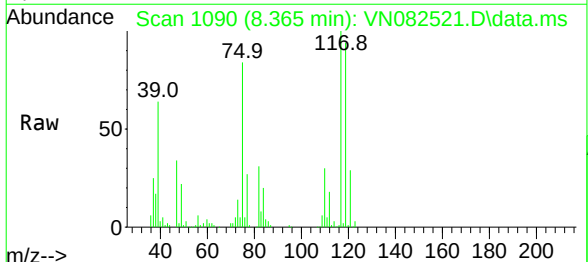
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

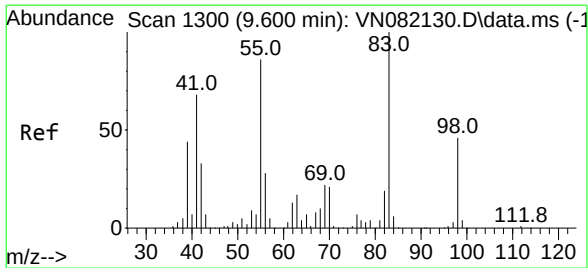
Tgt Ion:	43	Resp:	201913
Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.3	16.9
70	9.0	8.7	13.1



#38
Carbon Tetrachloride
Concen: 58.752 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:	117	Resp:	195200
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.5	114.7
121	29.0	23.9	35.9

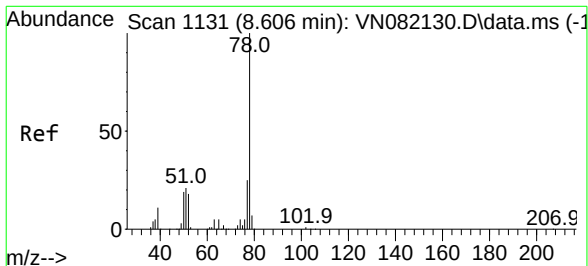
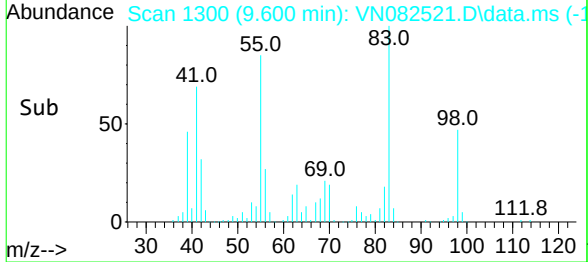
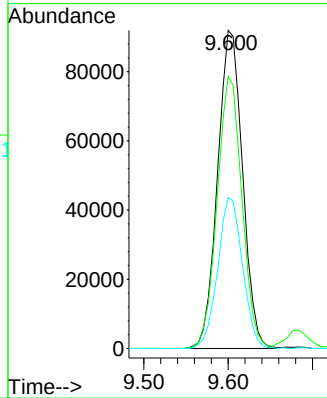
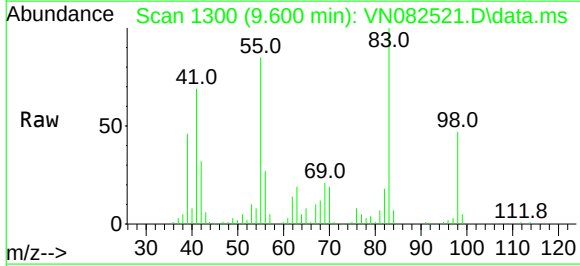




#39
Methylcyclohexane
Concen: 52.602 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

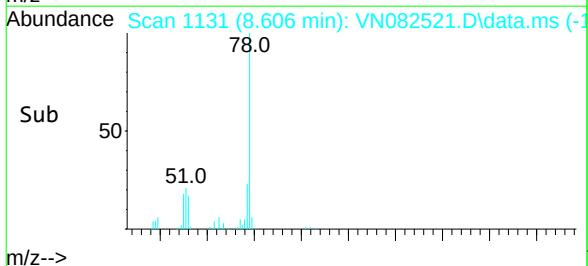
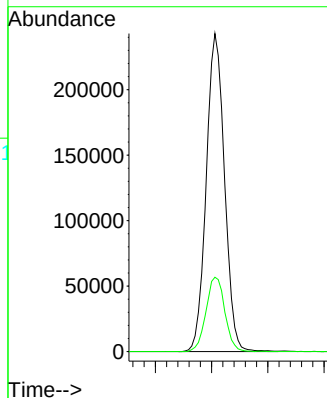
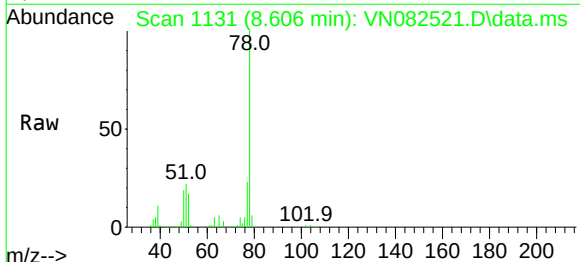
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

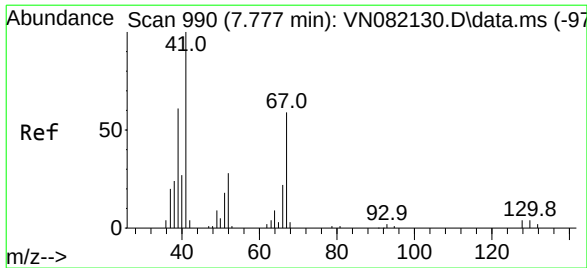
Tgt Ion: 83 Resp: 188976
Ion Ratio Lower Upper
83 100
55 85.5 53.0 79.6#
98 47.4 37.1 55.7



#40
Benzene
Concen: 56.054 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 78 Resp: 547845
Ion Ratio Lower Upper
78 100
77 23.4 20.0 30.0

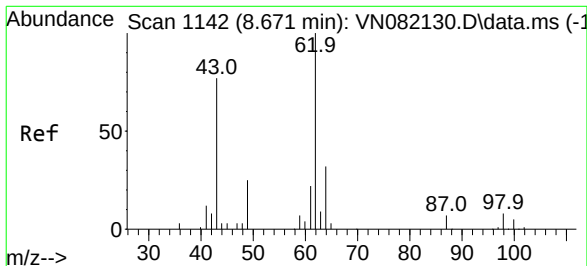
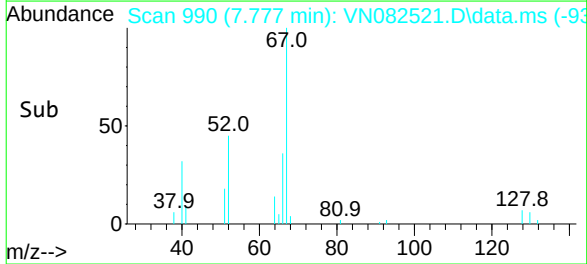
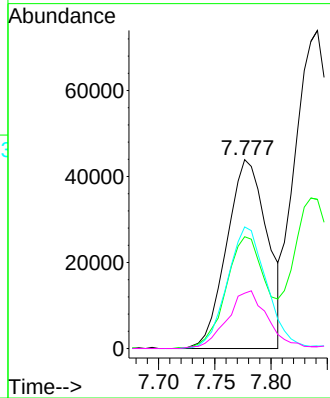
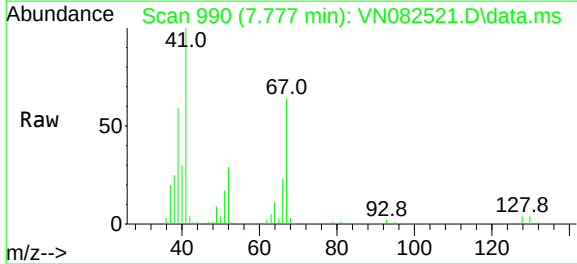




#41
Methacrylonitrile
Concen: 51.233 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

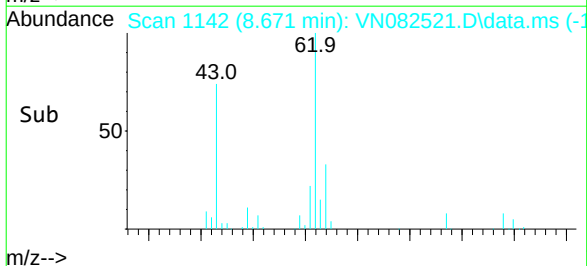
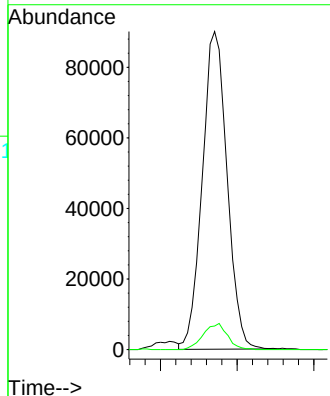
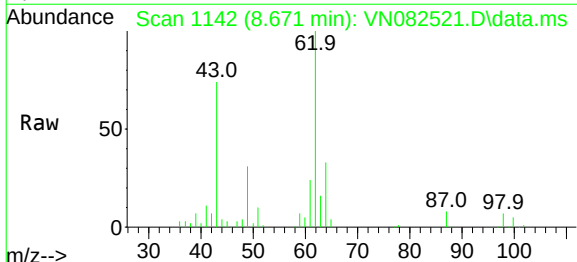
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

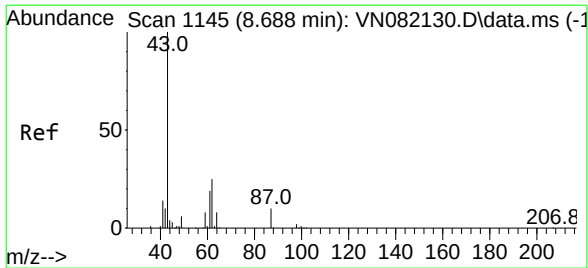
Tgt Ion:	41	Resp:	110517
Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.6	69.8
67	62.8	67.3	100.9
52	30.5	27.3	40.9



#42
1,2-Dichloroethane
Concen: 53.783 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:	62	Resp:	202165
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.6

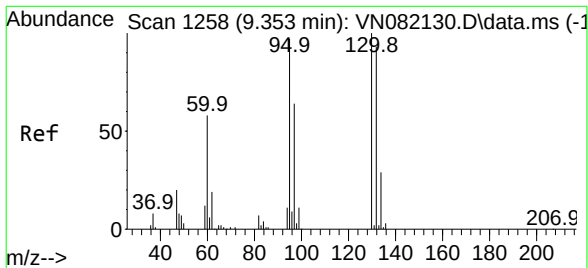
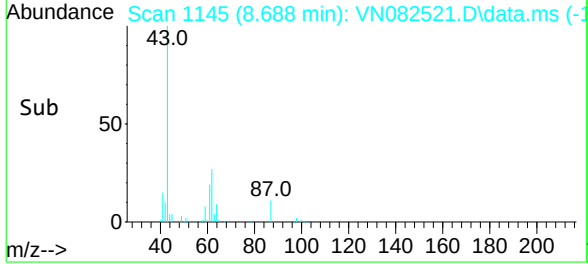
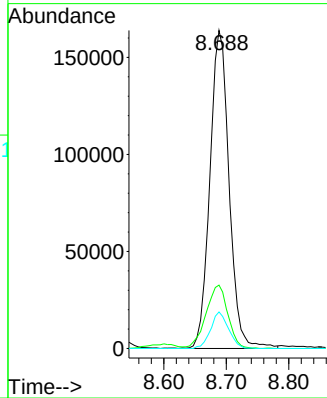
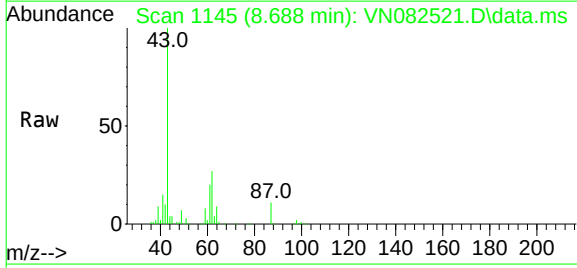




#43
Isopropyl Acetate
Concen: 53.916 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

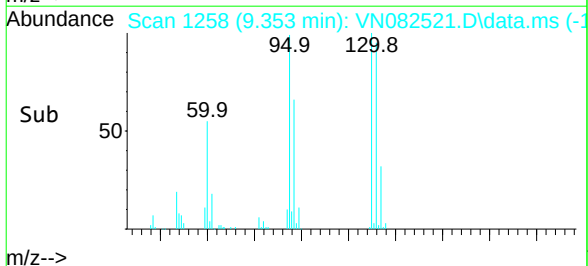
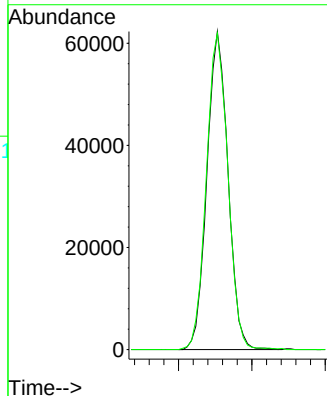
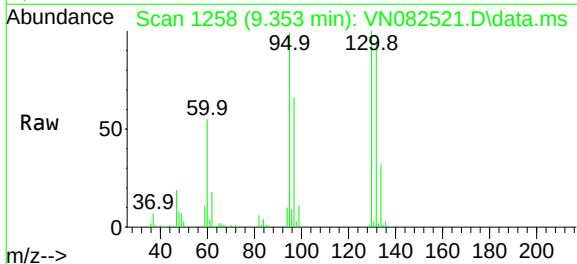
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

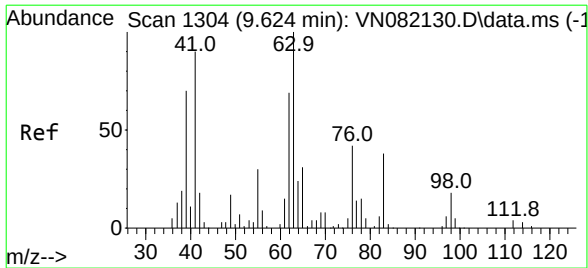
Tgt Ion: 43 Resp: 350418
Ion Ratio Lower Upper
43 100
61 22.7 22.8 34.2#
87 10.7 12.0 18.0#



#44
Trichloroethene
Concen: 56.071 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 130 Resp: 124484
Ion Ratio Lower Upper
130 100
95 99.5 0.0 195.4

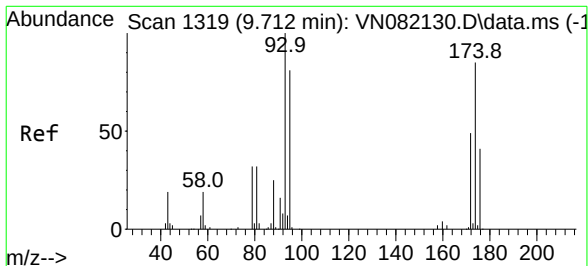
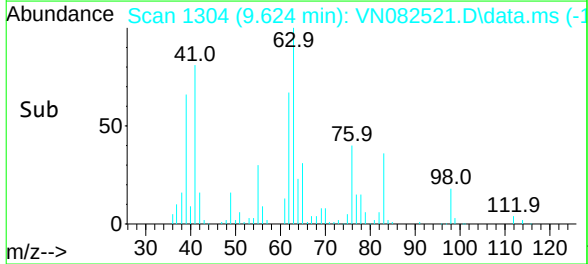
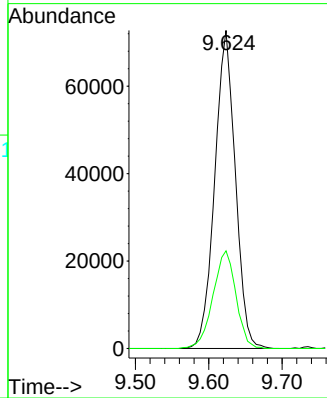
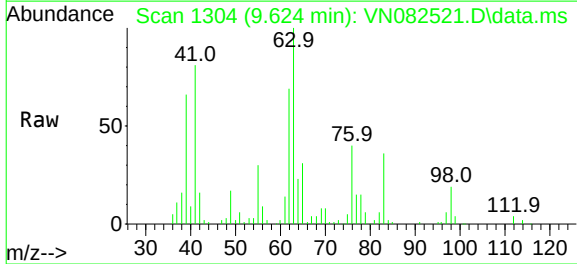




#45
1,2-Dichloropropane
Concen: 56.131 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

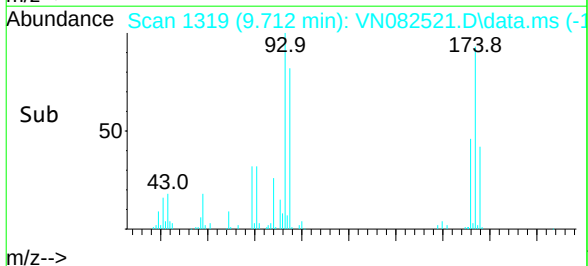
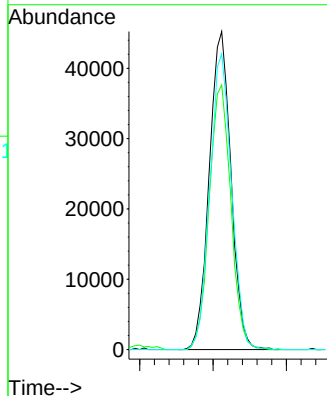
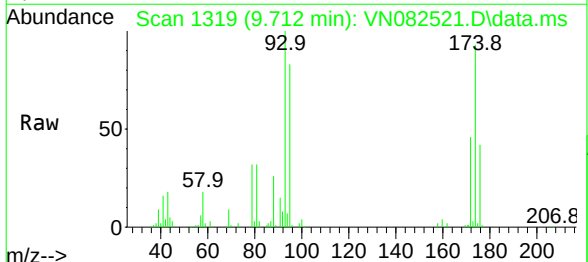
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

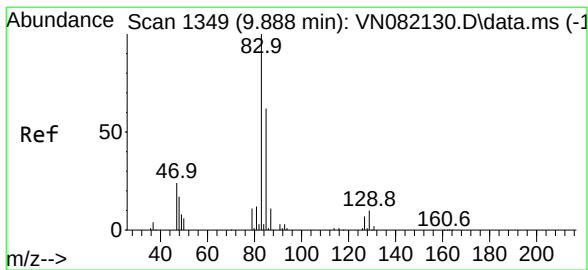
Tgt Ion: 63 Resp: 141545
Ion Ratio Lower Upper
63 100
65 30.7 24.1 36.1



#46
Dibromomethane
Concen: 56.271 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 93 Resp: 93161
Ion Ratio Lower Upper
93 100
95 82.6 64.8 97.2
174 93.1 73.4 110.0





#47

Bromodichloromethane

Concen: 58.050 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

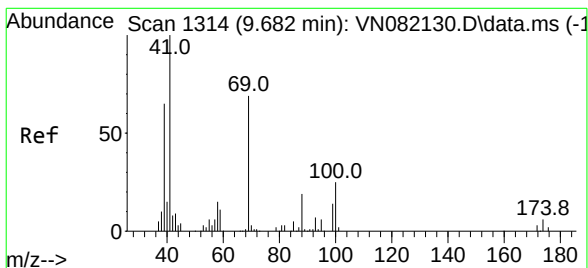
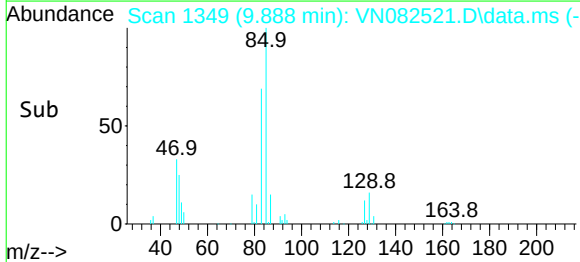
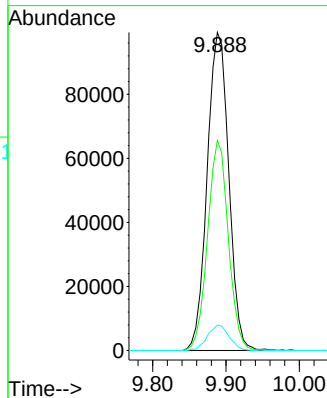
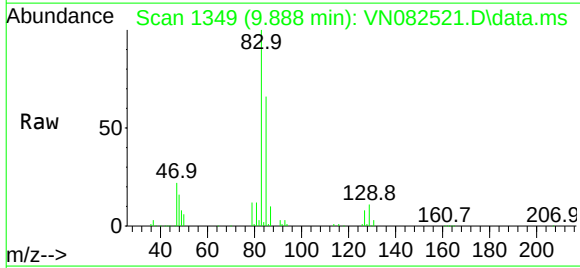
Tgt Ion: 83 Resp: 202889

Ion Ratio Lower Upper

83 100

85 66.0 51.9 77.9

127 8.0 7.5 11.3



#48

Methyl methacrylate

Concen: 53.672 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

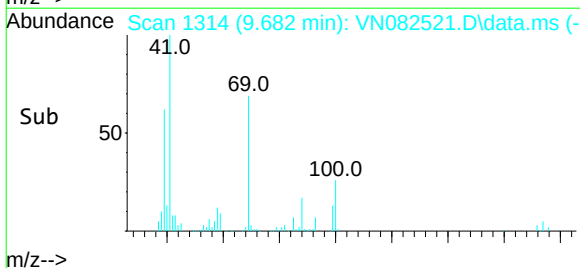
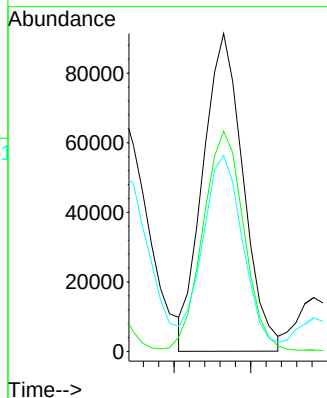
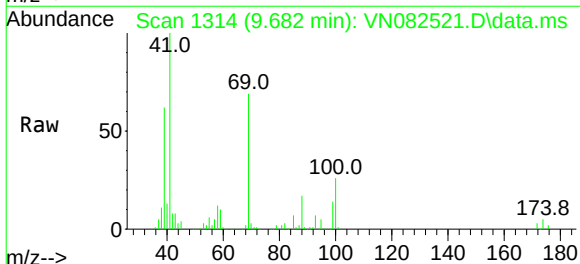
Tgt Ion: 41 Resp: 166218

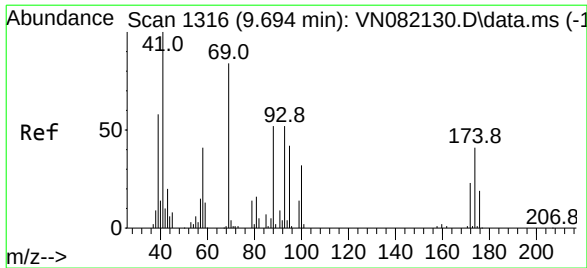
Ion Ratio Lower Upper

41 100

69 71.5 77.9 116.9#

39 62.4 50.9 76.3

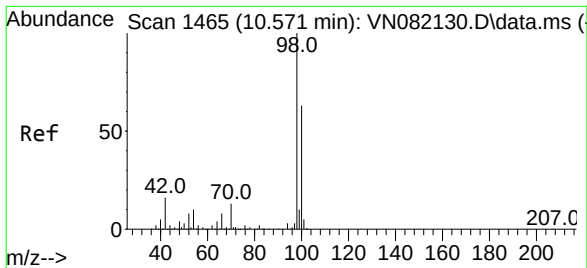
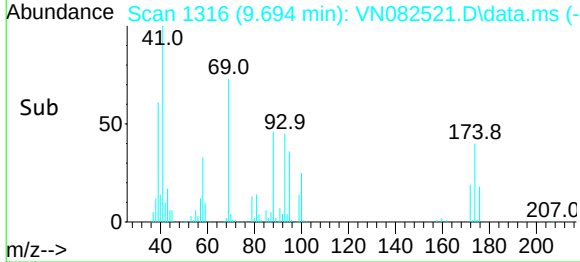
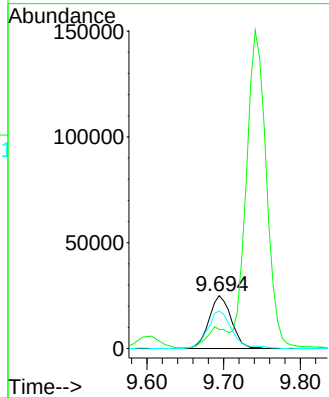
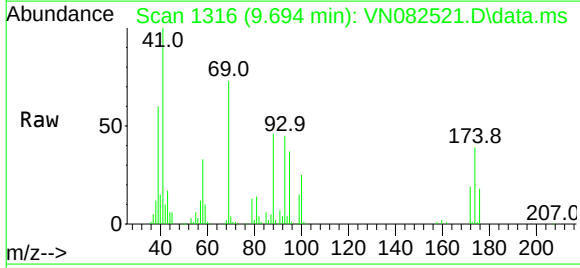




#49
1,4-Dioxane
Concen: 1159.468 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

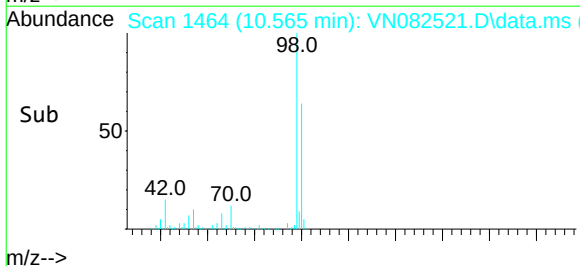
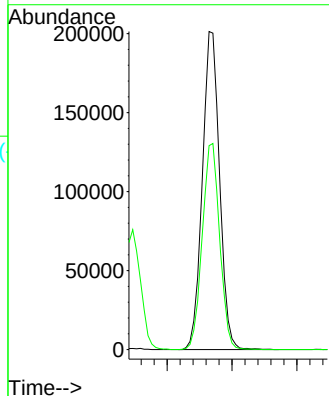
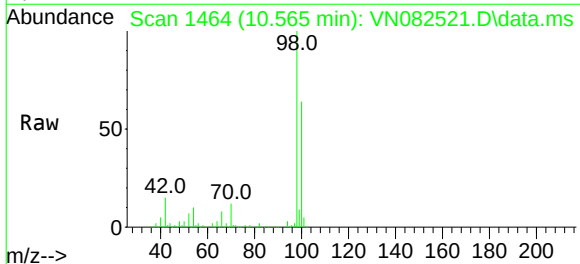
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

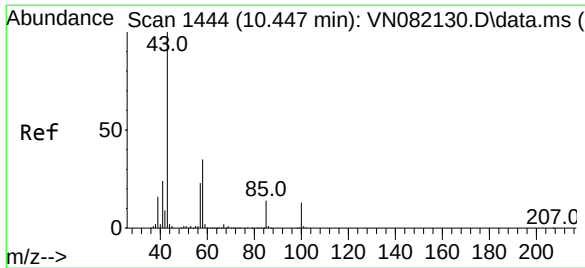
Tgt Ion: 88 Resp: 50317
Ion Ratio Lower Upper
88 100
43 35.8 19.0 28.6#
58 76.7 50.6 76.0#



#50
Toluene-d8
Concen: 49.503 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 98 Resp: 370891
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

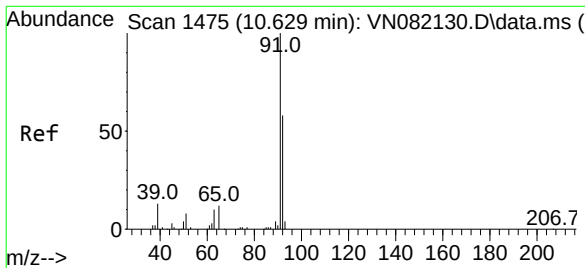
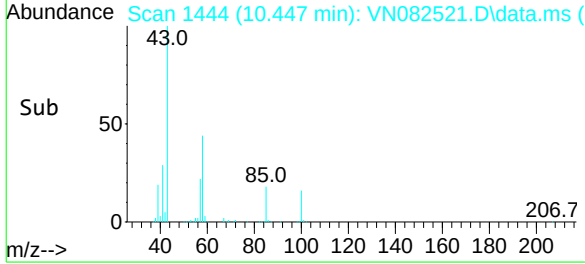
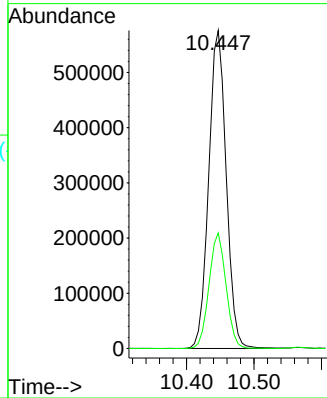
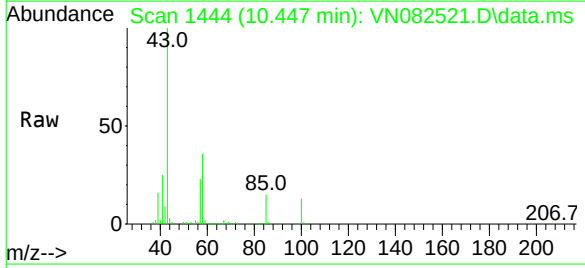




#51
4-Methyl-2-Pentanone
Concen: 280.512 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

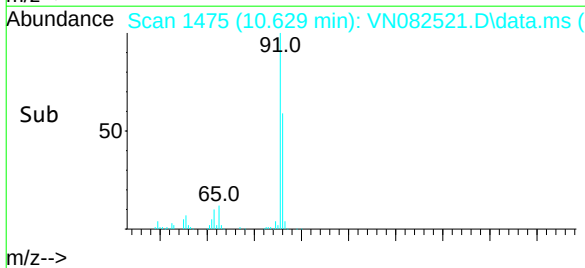
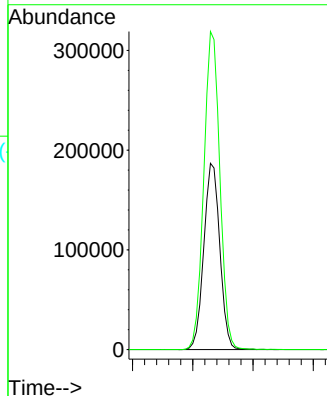
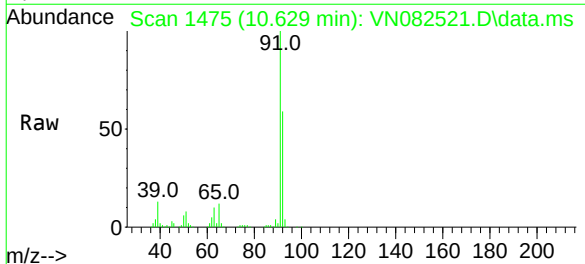
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

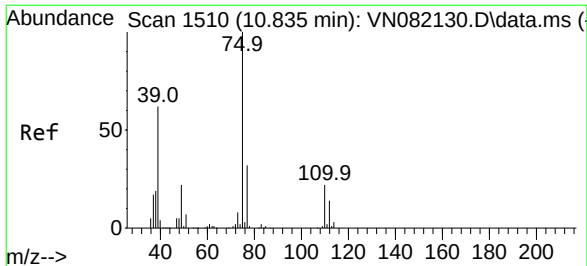
Tgt Ion: 43 Resp: 1035852
Ion Ratio Lower Upper
43 100
58 35.4 33.2 49.8



#52
Toluene
Concen: 58.677 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 92 Resp: 344155
Ion Ratio Lower Upper
92 100
91 171.5 136.7 205.1

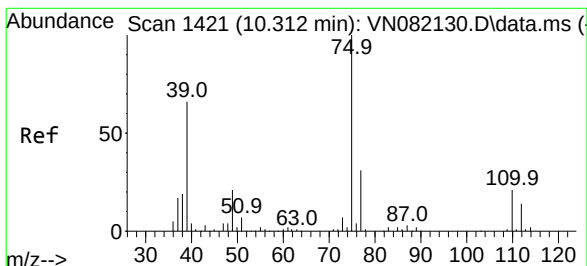
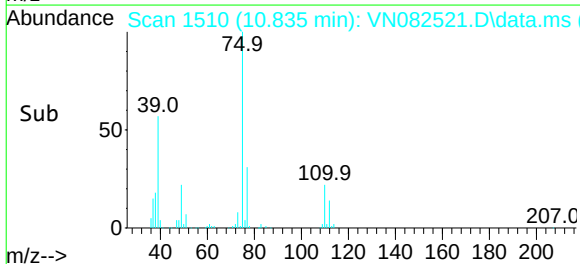
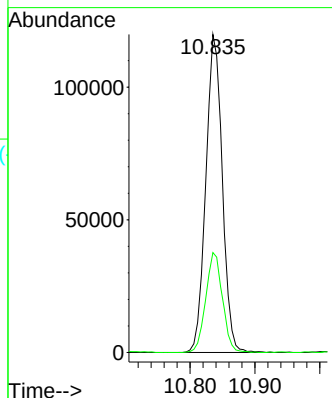
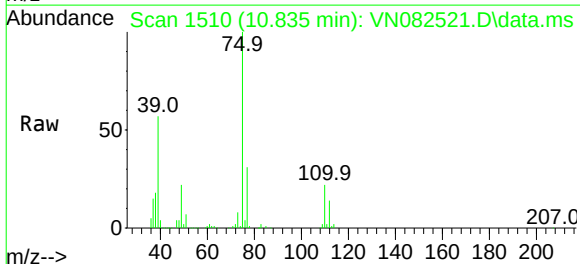




#53
t-1,3-Dichloropropene
Concen: 58.393 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

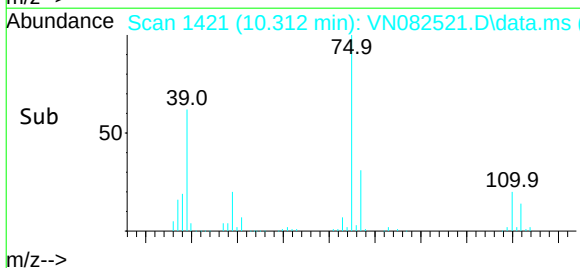
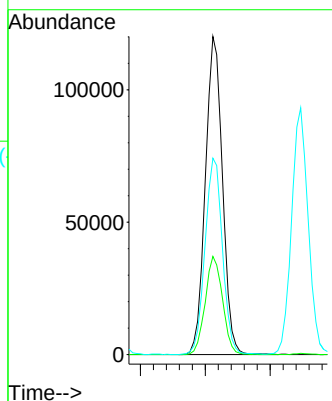
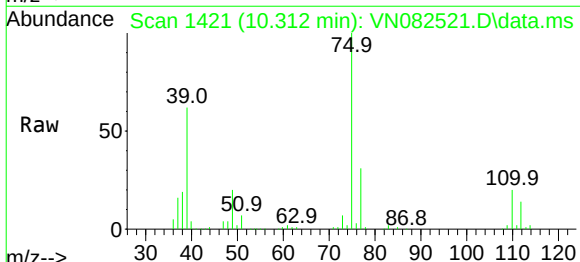
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

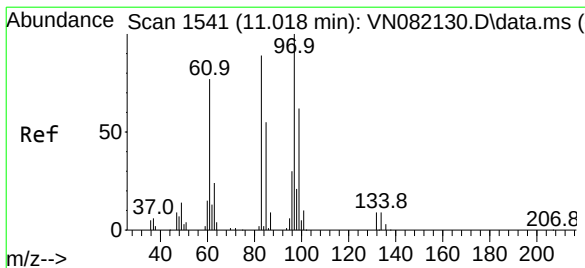
Tgt Ion: 75 Resp: 211074
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.603 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 75 Resp: 220402
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 61.7 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 58.033 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082521.D

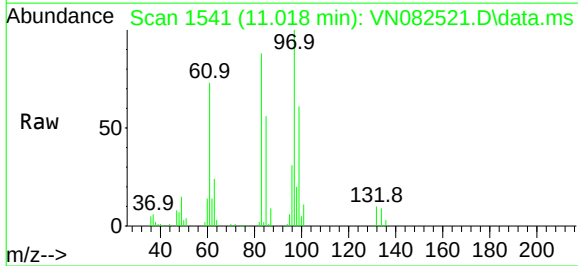
Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 123695

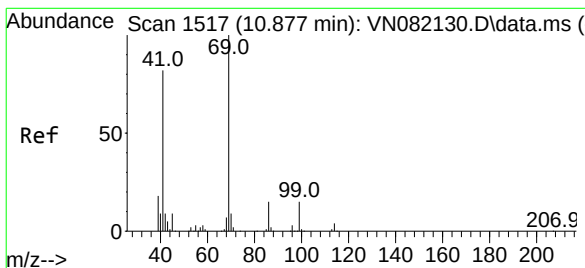
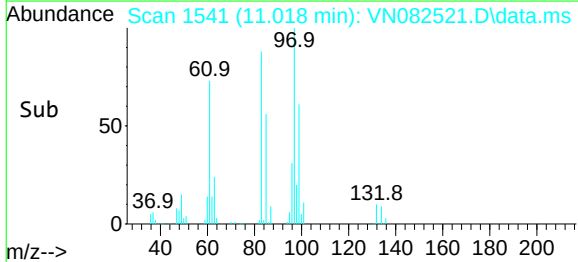
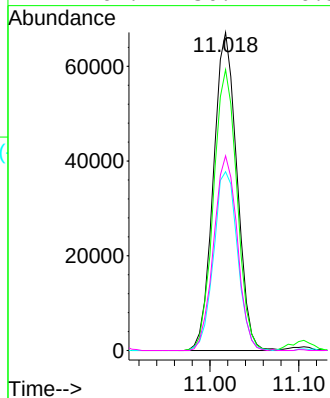
Ion Ratio Lower Upper

97 100

83 88.3 70.4 105.6

85 56.2 45.6 68.4

99 61.2 50.9 76.3



#56

Ethyl methacrylate

Concen: 57.909 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

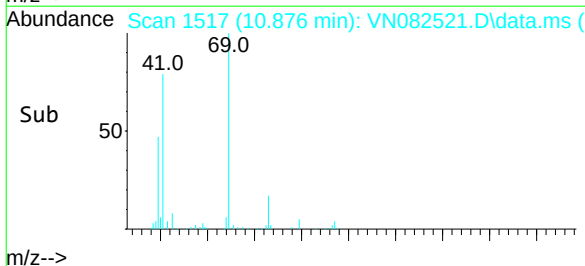
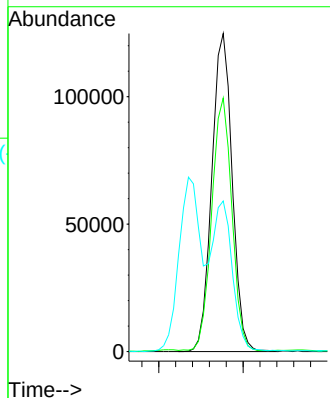
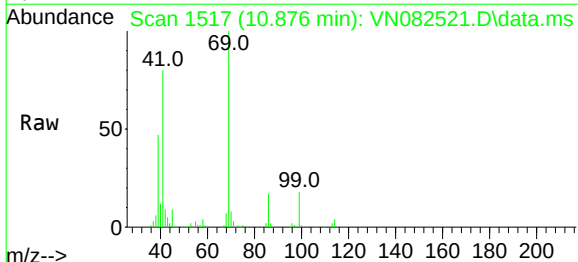
Tgt Ion: 69 Resp: 209559

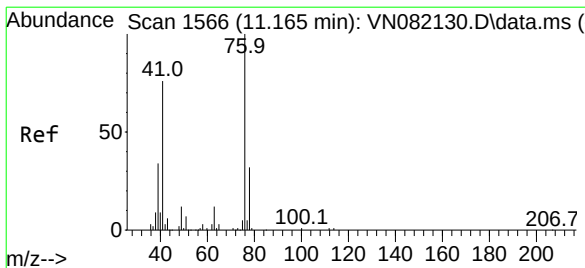
Ion Ratio Lower Upper

69 100

41 78.2 46.6 70.0#

39 43.7 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 55.946 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

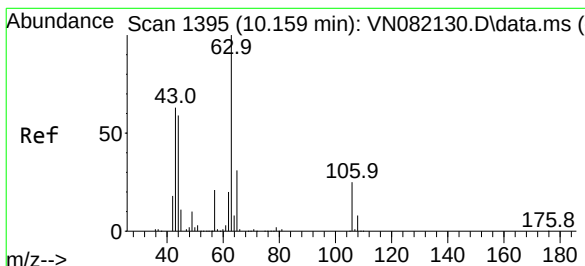
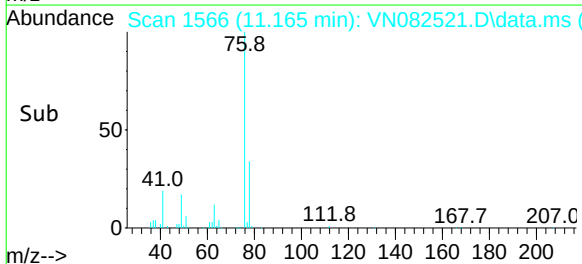
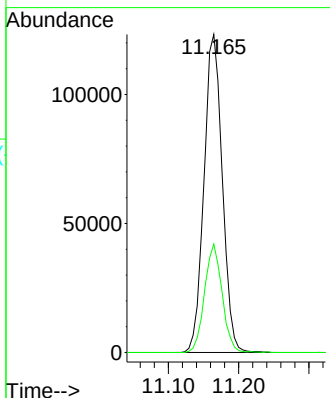
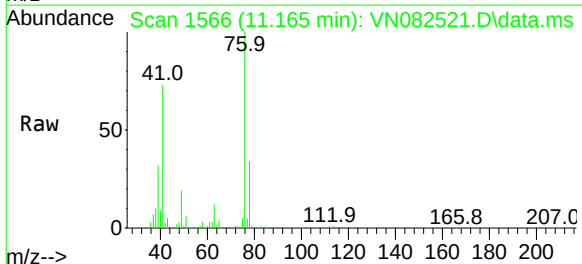
VSTDCCC050

Tgt Ion: 76 Resp: 222959

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 269.571 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082521.D

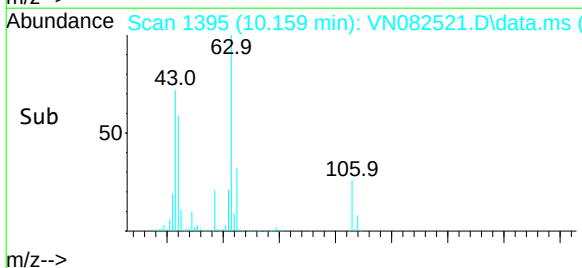
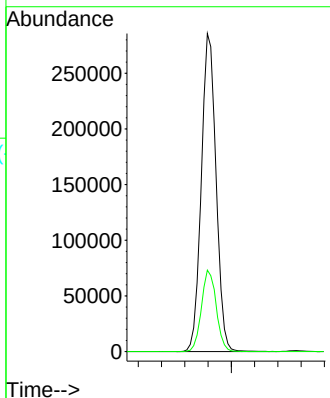
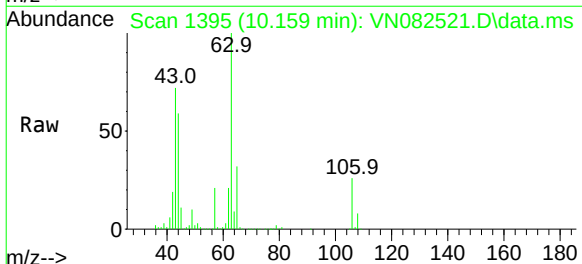
Acq: 12 Jun 2024 11:12

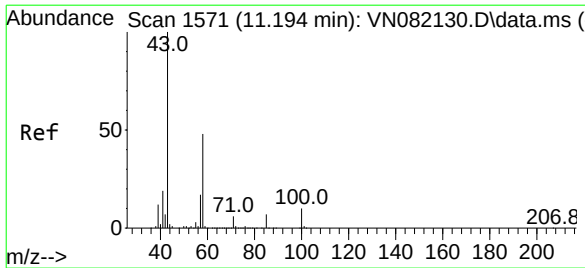
Tgt Ion: 63 Resp: 503170

Ion Ratio Lower Upper

63 100

106 25.6 24.6 36.8





#59

2-Hexanone

Concen: 281.781 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

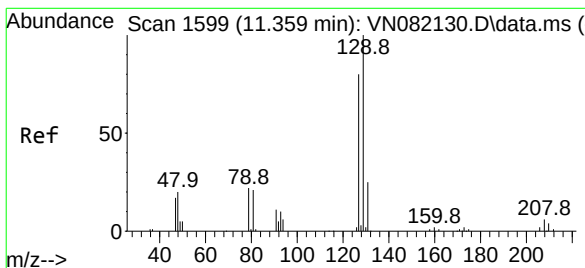
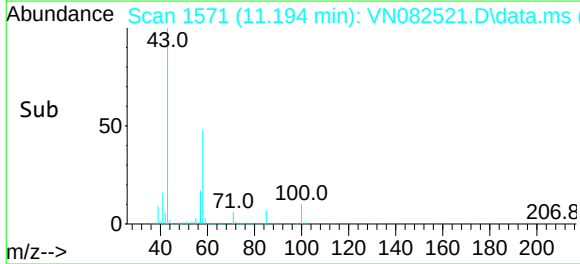
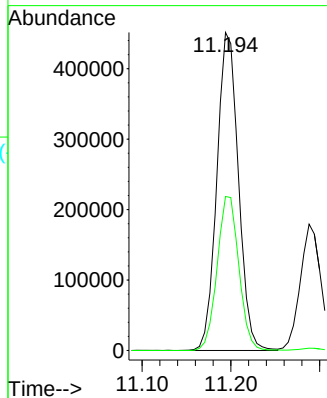
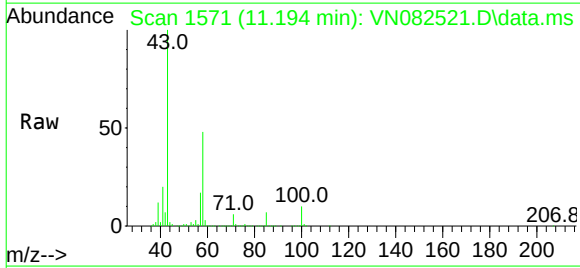
VSTDCCC050

Tgt Ion: 43 Resp: 761890

Ion Ratio Lower Upper

43 100

58 48.8 28.3 84.9



#60

Dibromochloromethane

Concen: 63.917 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082521.D

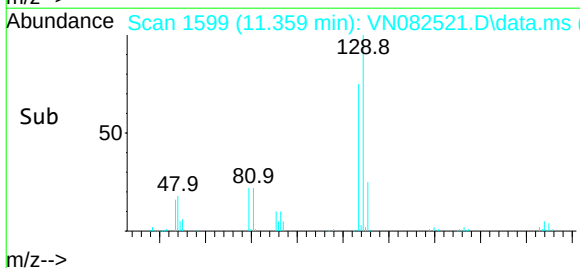
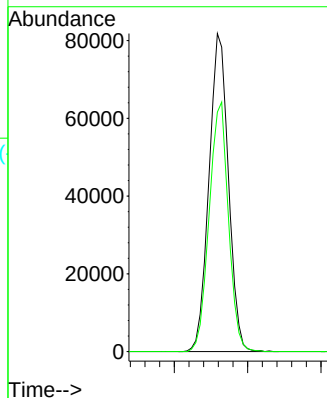
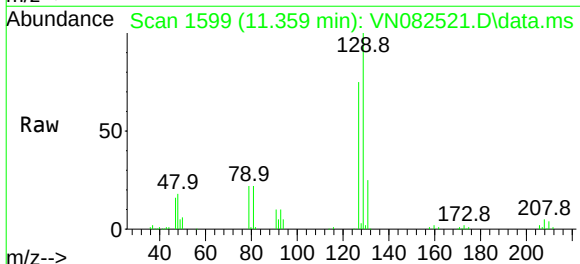
Acq: 12 Jun 2024 11:12

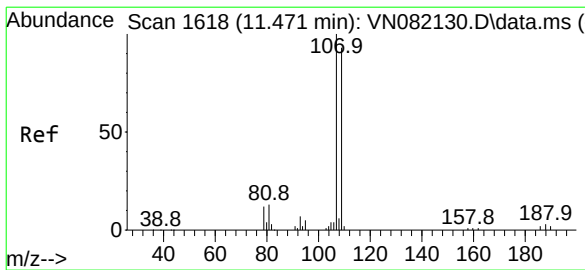
Tgt Ion: 129 Resp: 150345

Ion Ratio Lower Upper

129 100

127 77.6 38.3 114.8

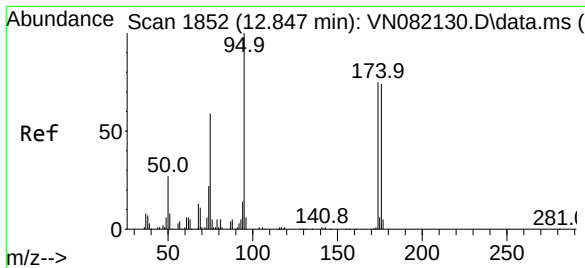
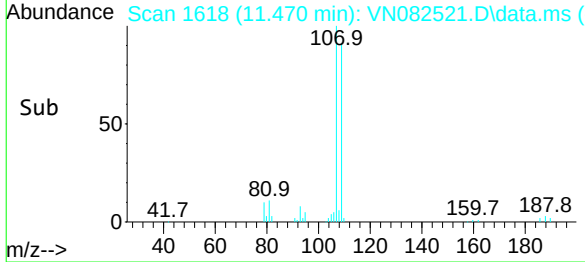
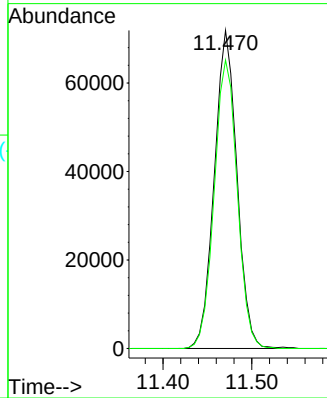
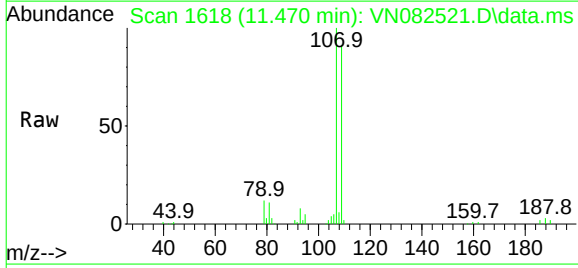




#61
1,2-Dibromoethane
Concen: 58.147 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

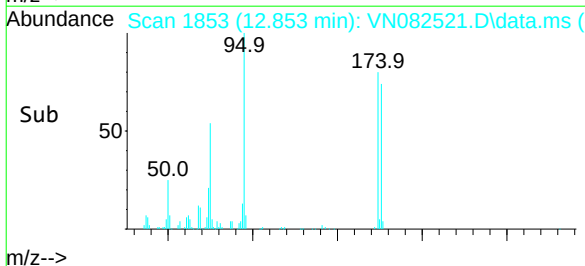
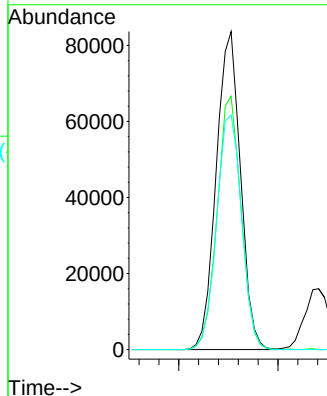
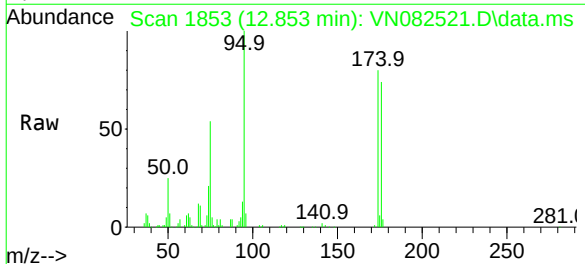
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

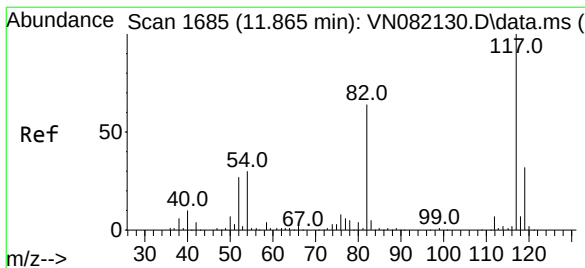
Tgt Ion: 107 Resp: 127299
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.204 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion: 95 Resp: 142276
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.6
176 75.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

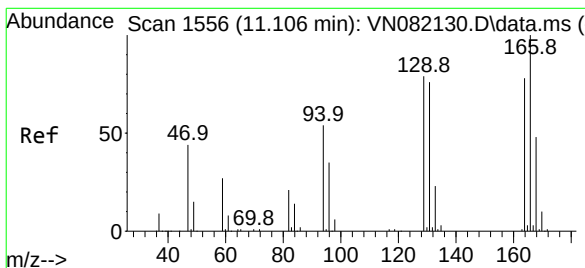
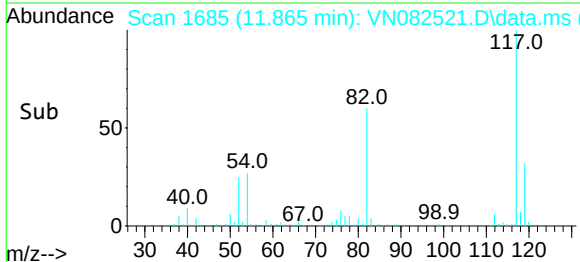
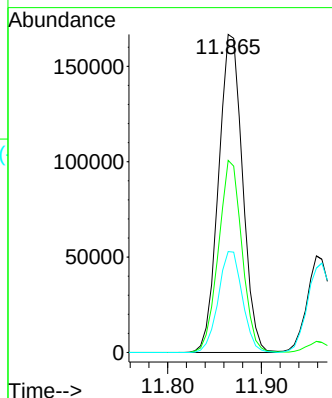
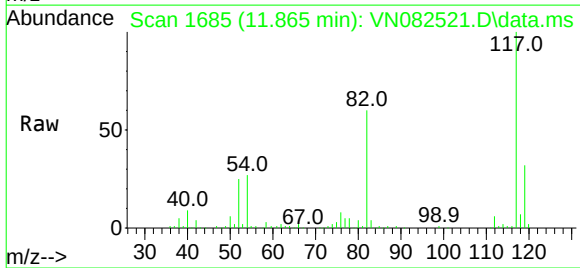
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	296654
Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.6	66.8
119	31.7	25.9	38.9



#64

Tetrachloroethene

Concen: 58.094 ug/l

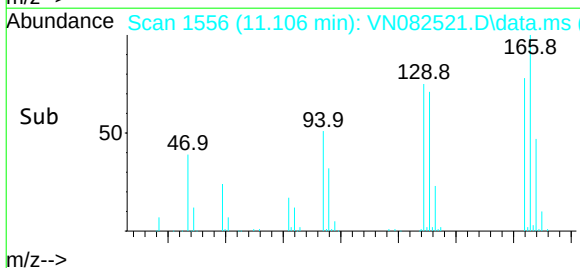
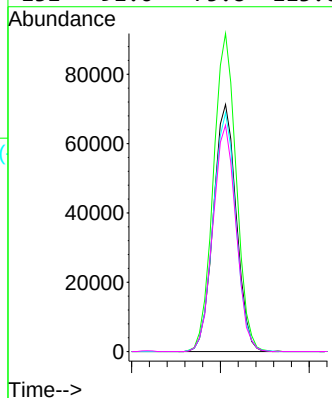
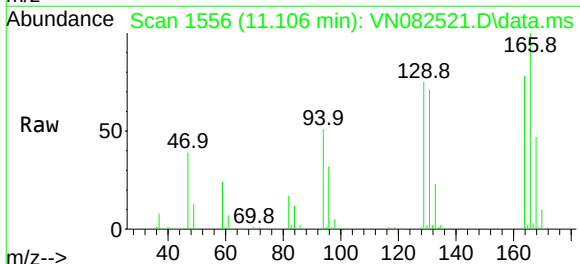
RT: 11.106 min Scan# 1556

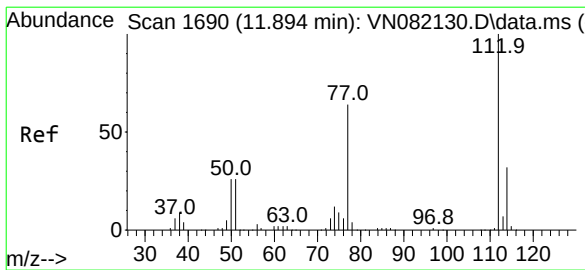
Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:	164	Resp:	127736
Ion	Ratio	Lower	Upper
164	100		
166	128.7	97.6	146.4
129	96.6	73.7	110.5
131	91.6	75.8	113.6





#65

Chlorobenzene

Concen: 55.093 ug/l

RT: 11.894 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

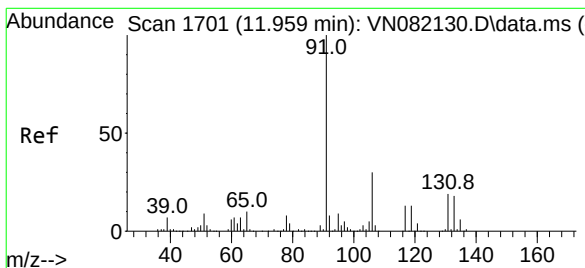
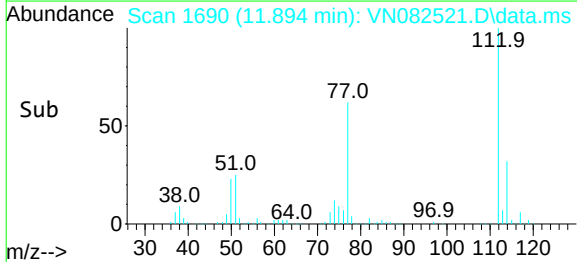
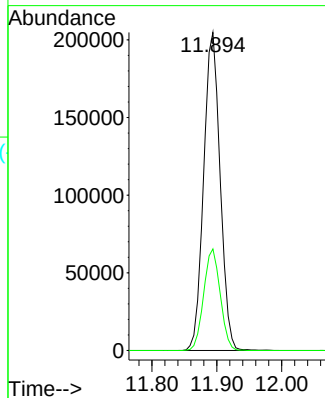
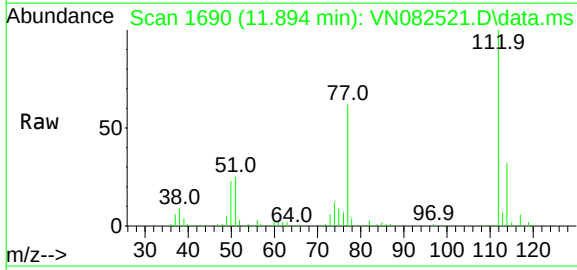
VSTDCCC050

Tgt Ion:112 Resp: 361054

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 59.702 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

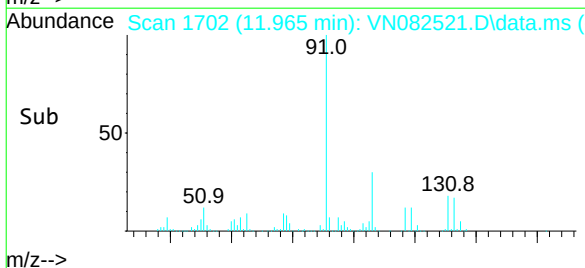
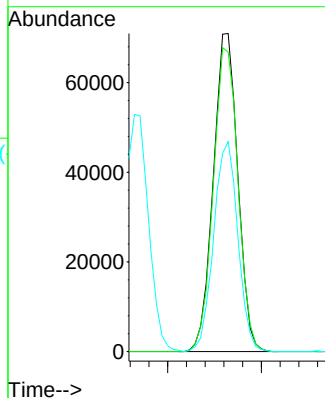
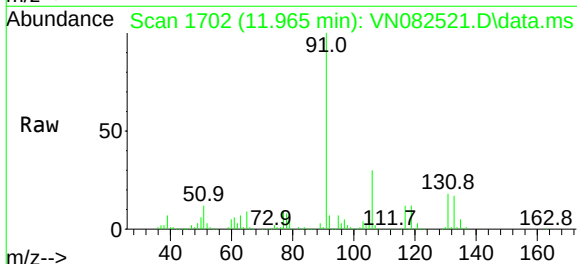
Tgt Ion:131 Resp: 128877

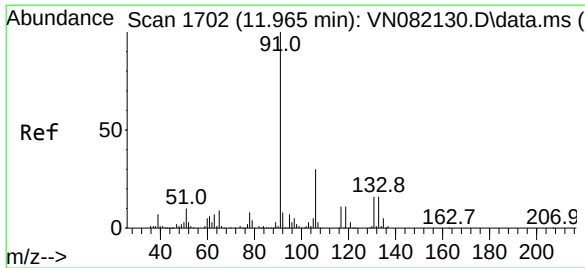
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 65.2 32.9 98.7

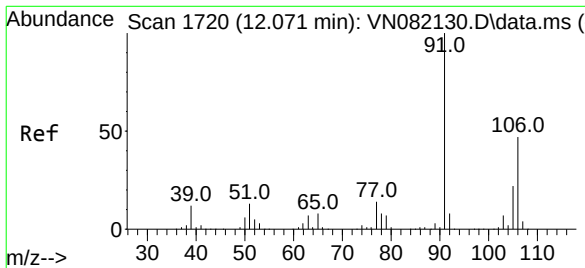
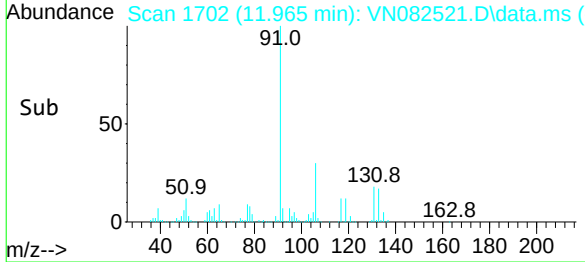
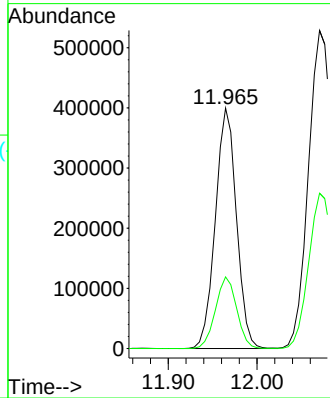
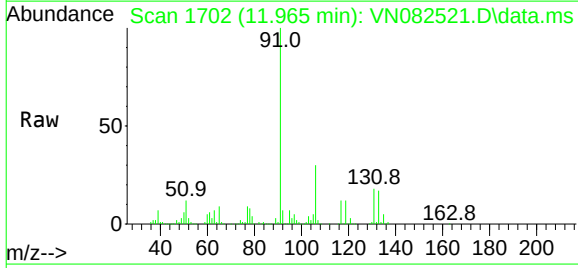




#67
Ethyl Benzene
Concen: 56.245 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

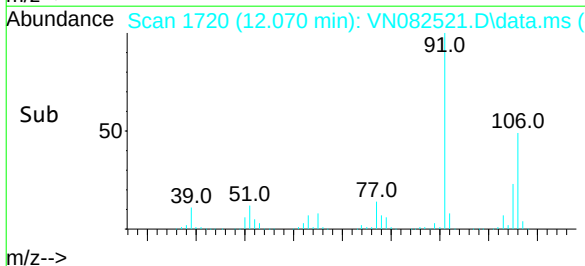
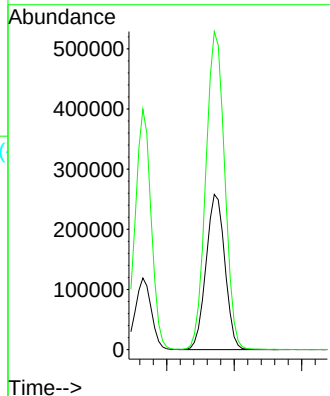
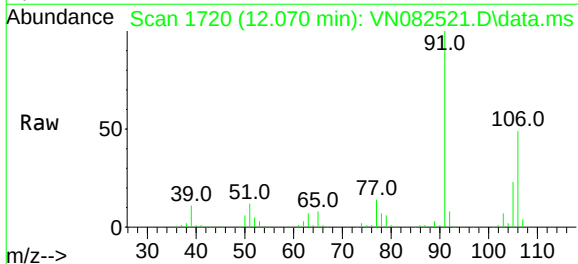
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

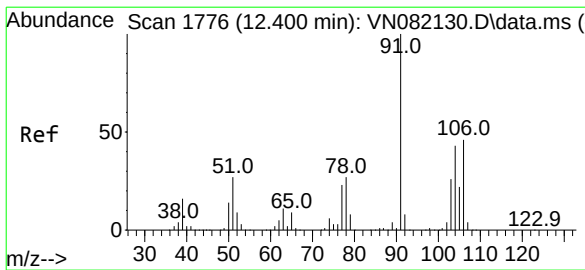
Tgt Ion: 91 Resp: 659375
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9



#68
m/p-Xylenes
Concen: 116.370 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:106 Resp: 500002
Ion Ratio Lower Upper
106 100
91 205.0 159.4 239.0

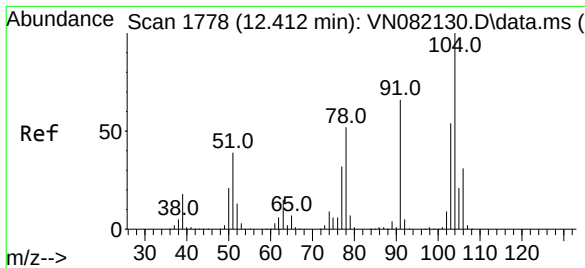
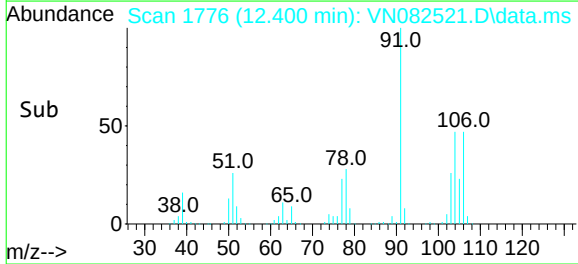
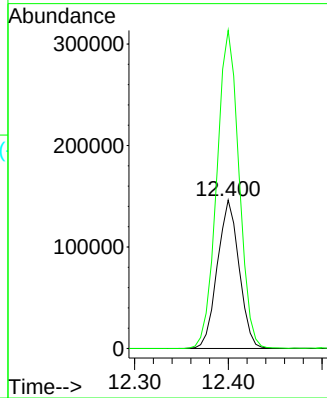
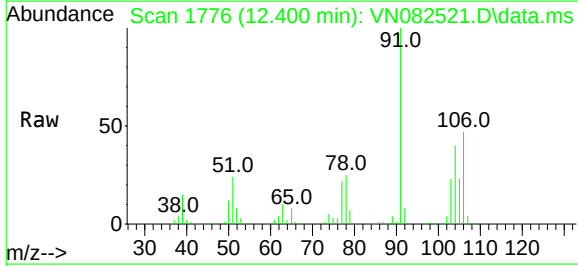




#69
o-Xylene
Concen: 56.672 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

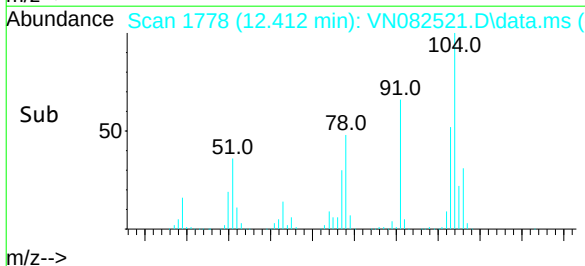
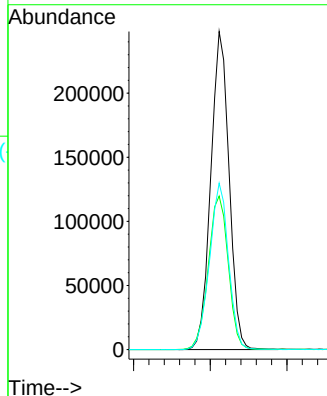
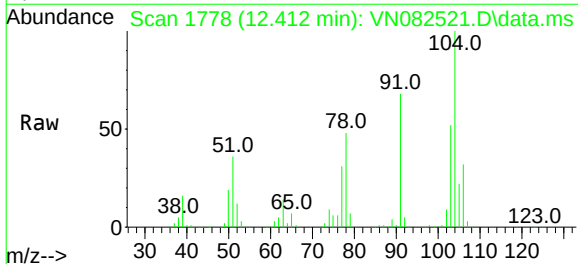
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

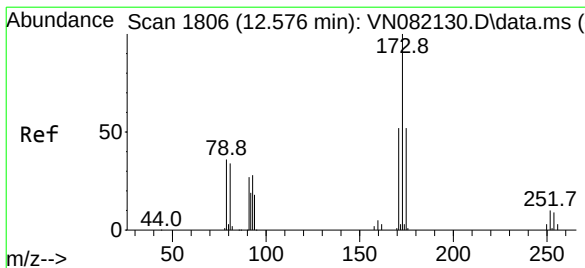
Tgt Ion:106 Resp: 235872
Ion Ratio Lower Upper
106 100
91 219.0 104.7 314.1



#70
Styrene
Concen: 59.483 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion:104 Resp: 411218
Ion Ratio Lower Upper
104 100
78 52.6 38.6 58.0
103 54.5 43.8 65.6





#71

Bromoform

Concen: 58.495 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

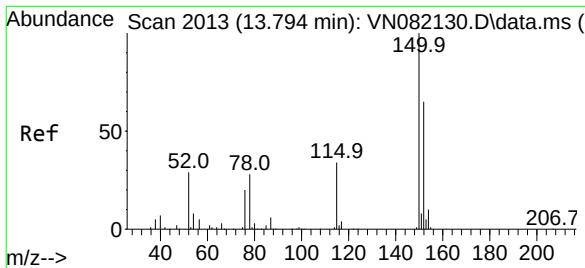
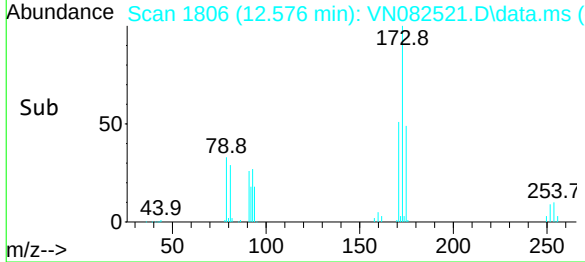
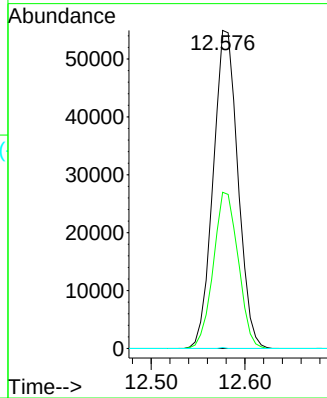
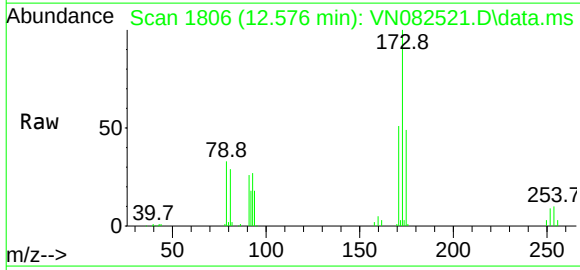
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	100638
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.6	74.0
254	0.1	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

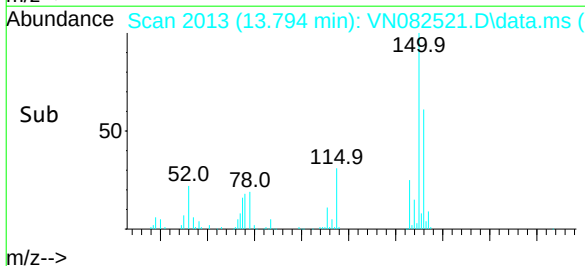
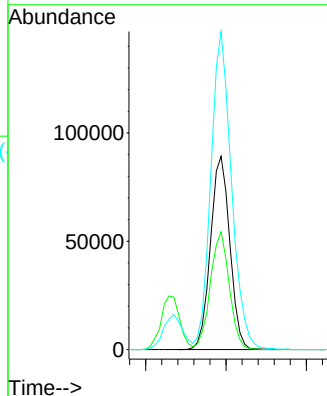
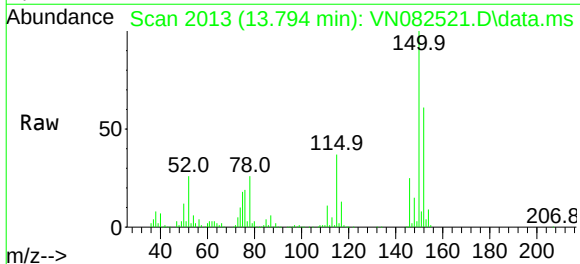
RT: 13.794 min Scan# 2013

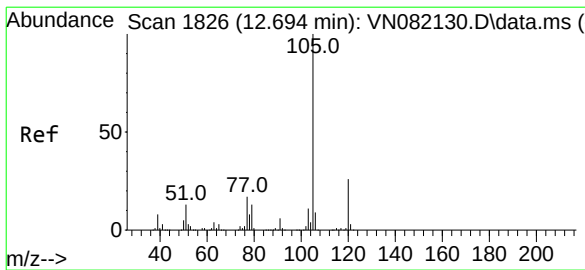
Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:	152	Resp:	149402
Ion Ratio	Lower	Upper	
152	100		
115	59.7	30.4	91.3
150	175.3	0.0	353.2





#73

Isopropylbenzene

Concen: 51.395 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

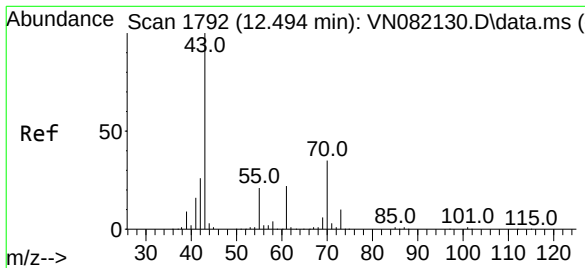
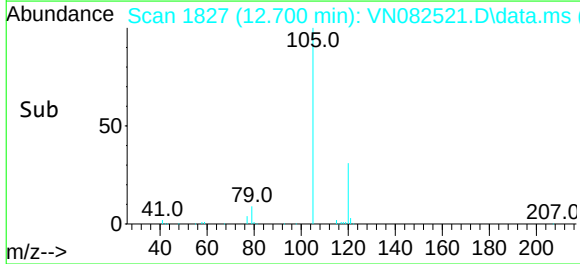
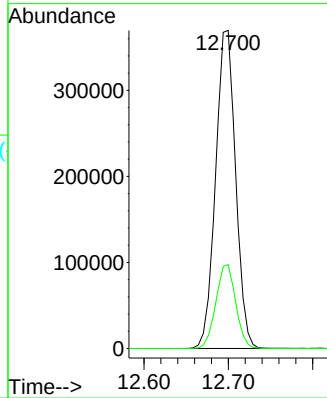
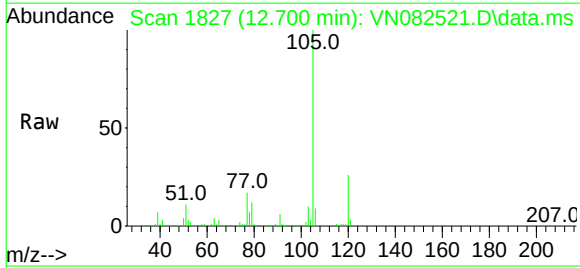
VSTDCCC050

Tgt Ion:105 Resp: 610011

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 46.894 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion: 43 Resp: 306158

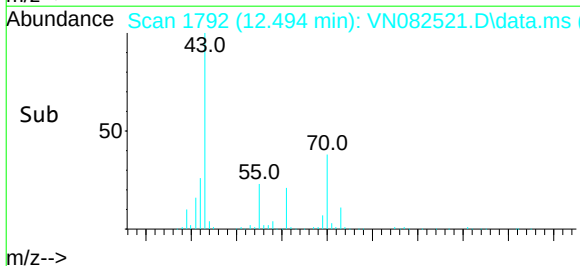
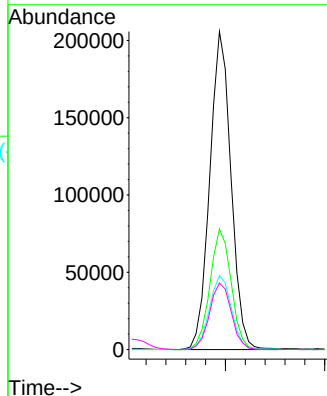
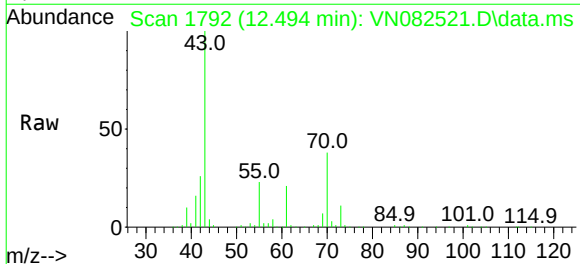
Ion Ratio Lower Upper

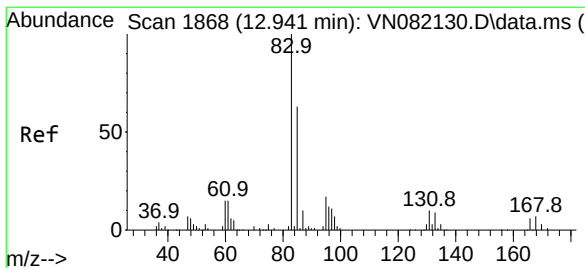
43 100

70 37.9 39.0 58.4

55 24.1 21.3 31.9

61 21.5 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.647 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

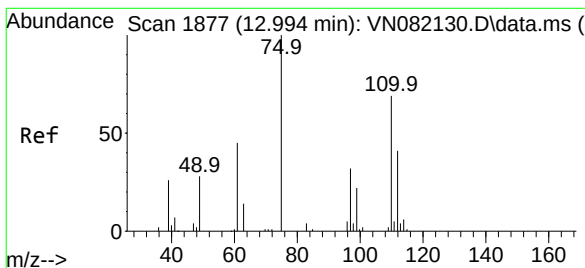
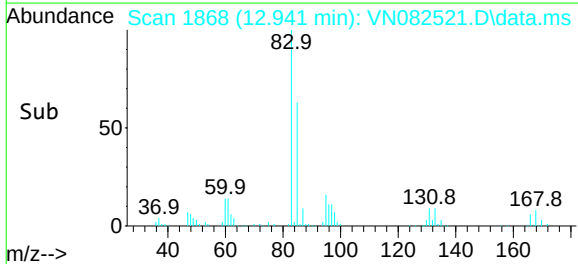
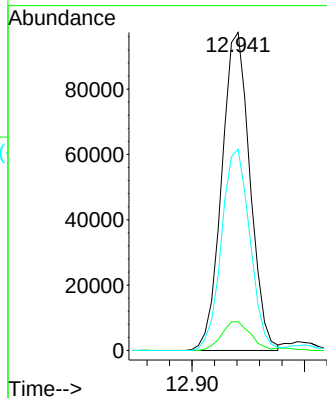
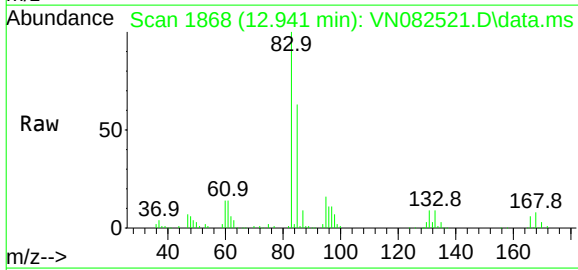
Tgt Ion: 83 Resp: 169864

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

85 63.8 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 78.336 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082521.D

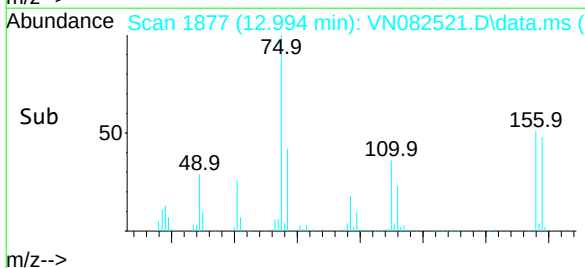
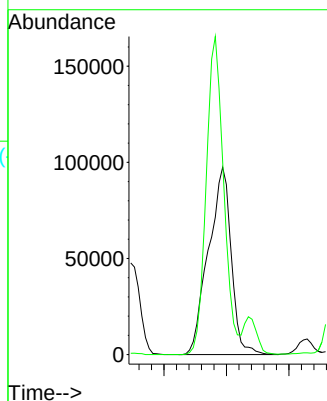
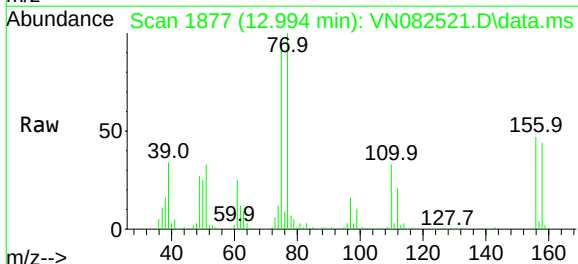
Acq: 12 Jun 2024 11:12

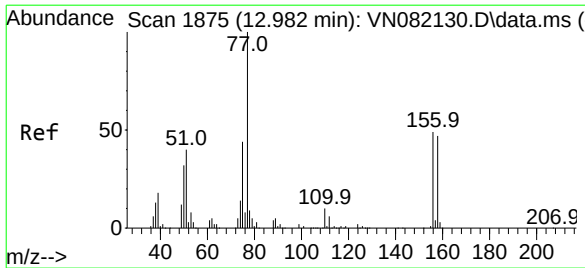
Tgt Ion: 75 Resp: 246331

Ion Ratio Lower Upper

75 100

77 131.6 90.5 271.3





#77

Bromobenzene

Concen: 51.757 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

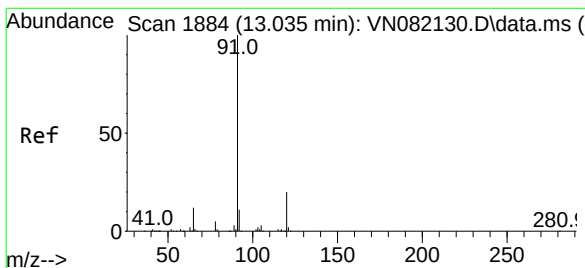
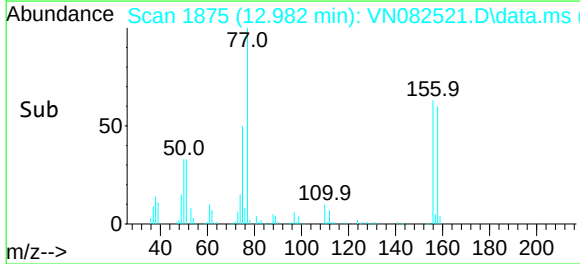
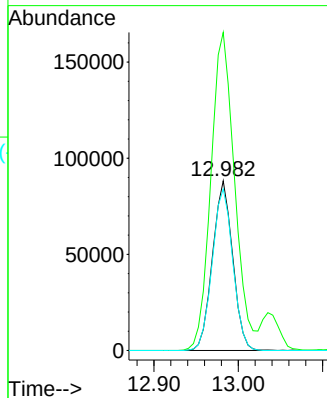
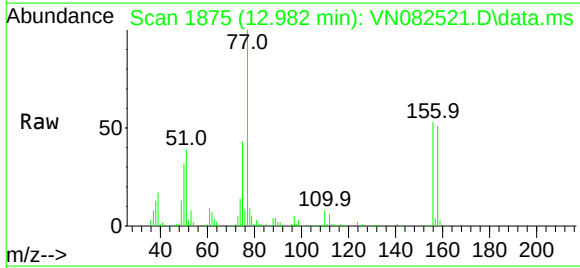
Tgt Ion:156 Resp: 146397

Ion Ratio Lower Upper

156 100

77 221.5 100.2 300.6

158 97.3 49.1 147.3



#78

n-propylbenzene

Concen: 52.718 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082521.D

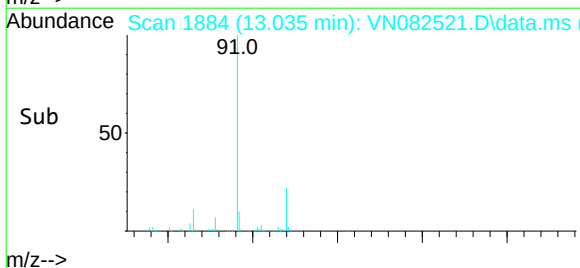
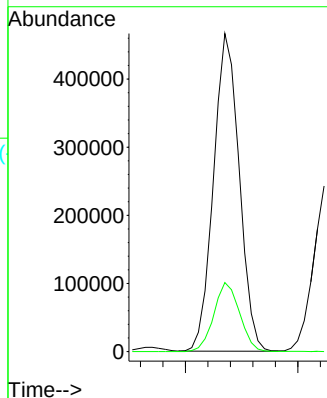
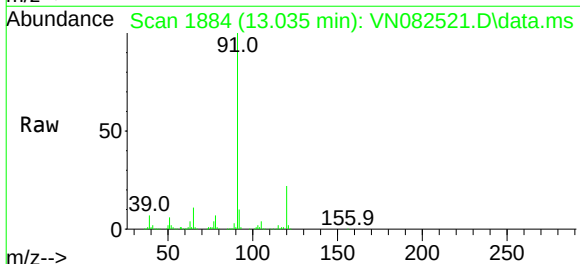
Acq: 12 Jun 2024 11:12

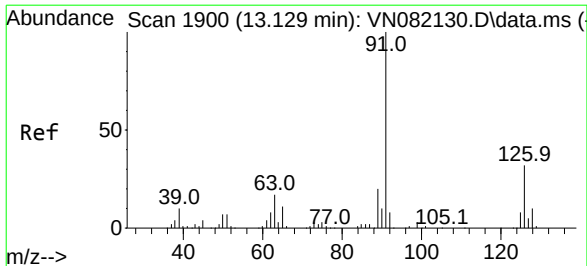
Tgt Ion: 91 Resp: 740947

Ion Ratio Lower Upper

91 100

120 21.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 49.602 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

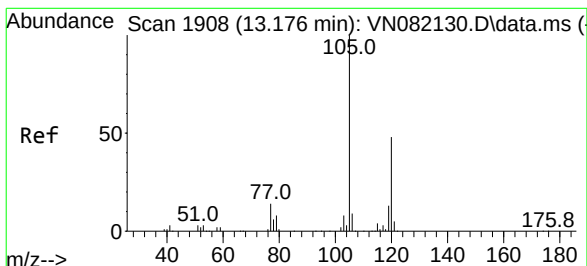
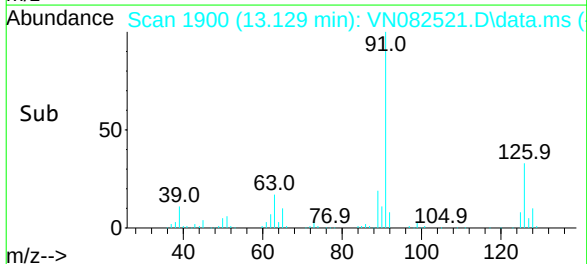
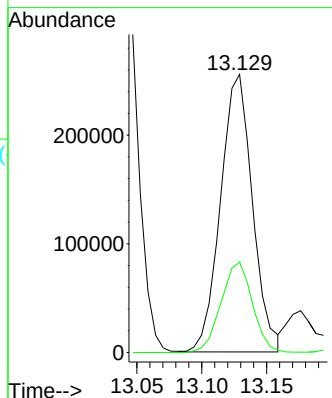
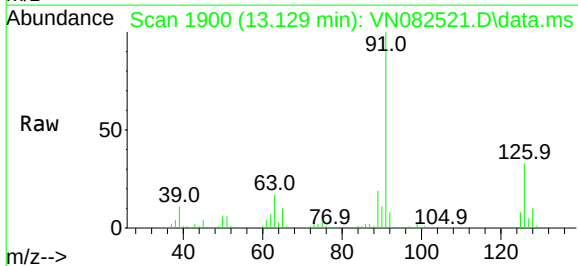
VSTDCCC050

Tgt Ion: 91 Resp: 437772

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 53.931 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082521.D

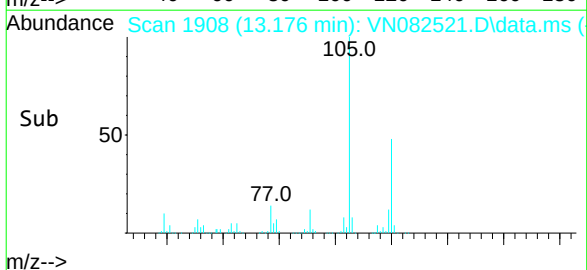
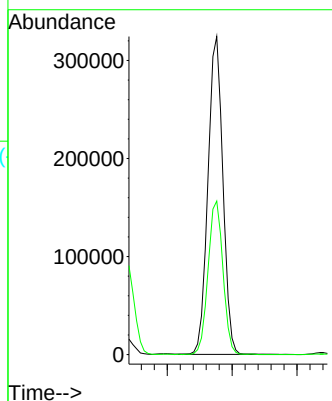
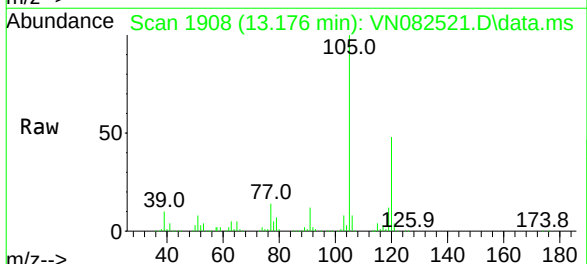
Acq: 12 Jun 2024 11:12

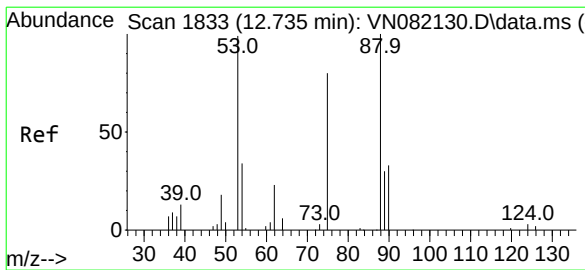
Tgt Ion:105 Resp: 517591

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.3

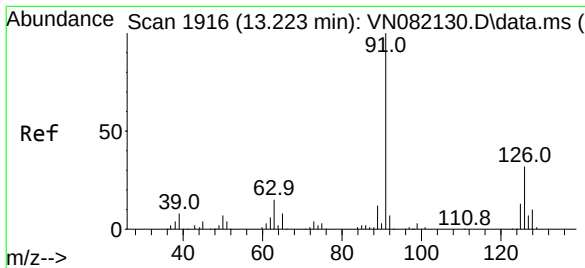
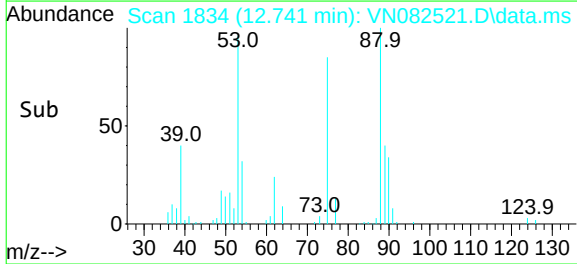
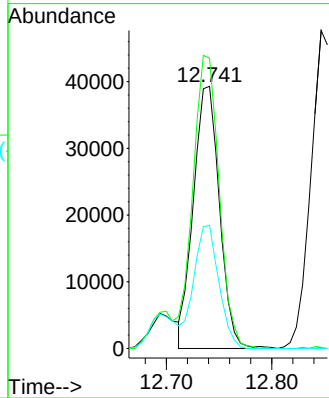
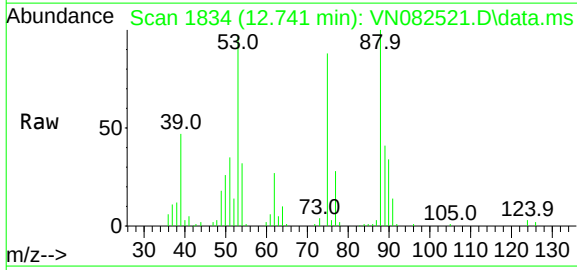




#81
trans-1,4-Dichloro-2-butene
Concen: 50.218 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

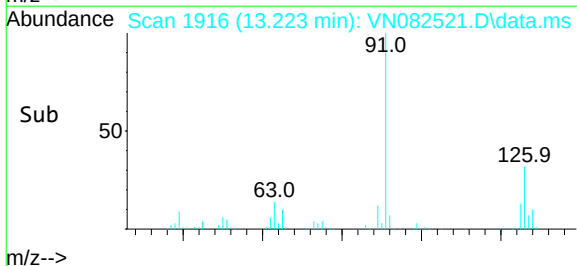
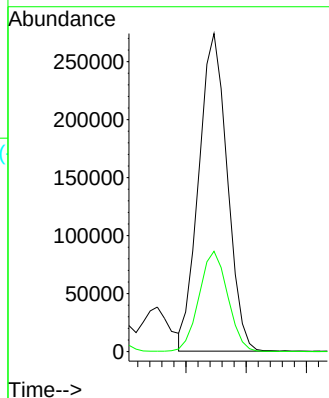
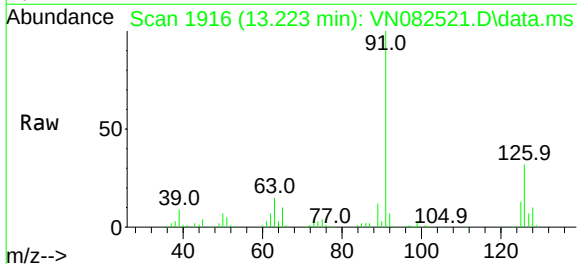
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

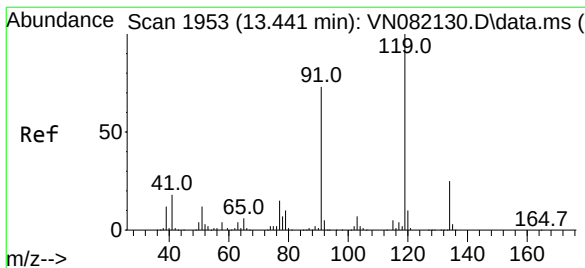
Tgt Ion	Ratio	Lower	Upper
75	100		
53	114.0	72.9	109.3#
89	45.6	39.1	58.7



#82
4-Chlorotoluene
Concen: 52.099 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082521.D
Acq: 12 Jun 2024 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	17.4	52.3





#83

tert-Butylbenzene

Concen: 50.757 ug/l

RT: 13.441 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

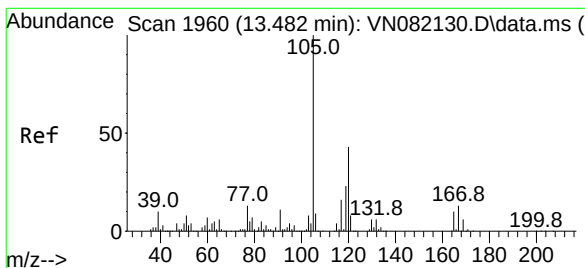
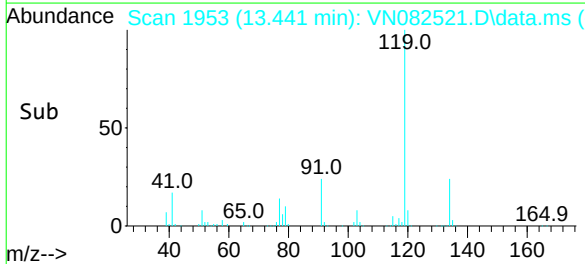
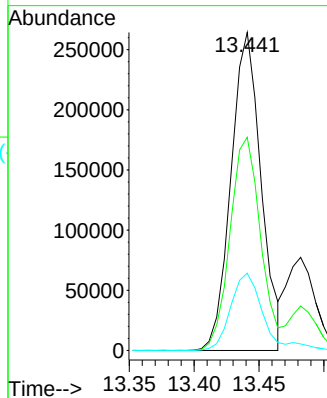
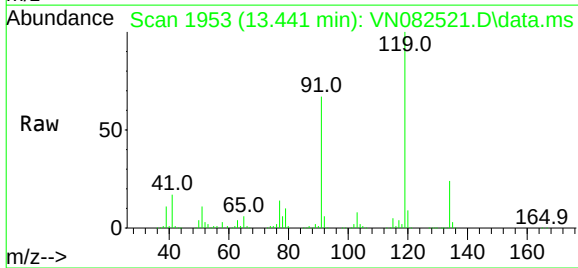
Tgt Ion:119 Resp: 426167

Ion Ratio Lower Upper

119 100

91 67.7 32.6 97.8

134 26.4 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 53.360 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082521.D

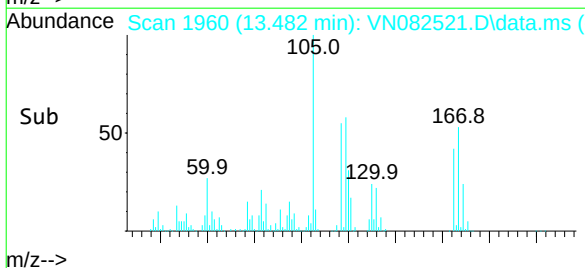
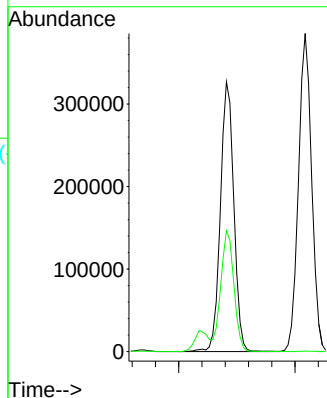
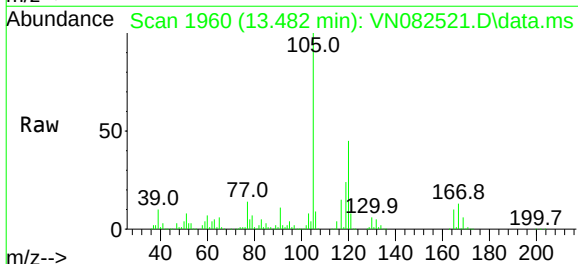
Acq: 12 Jun 2024 11:12

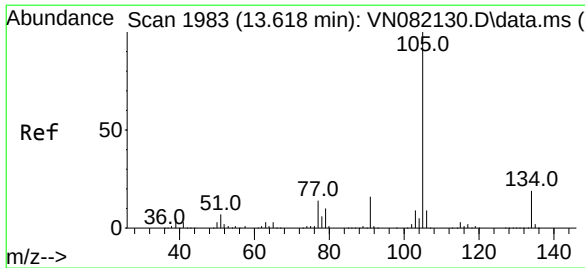
Tgt Ion:105 Resp: 523936

Ion Ratio Lower Upper

105 100

120 43.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 52.023 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

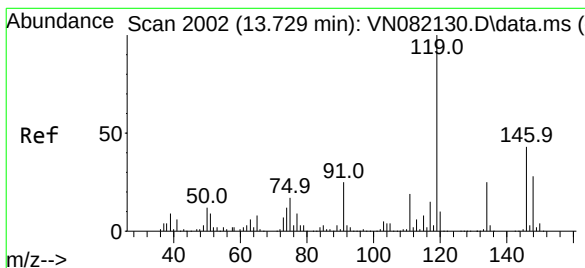
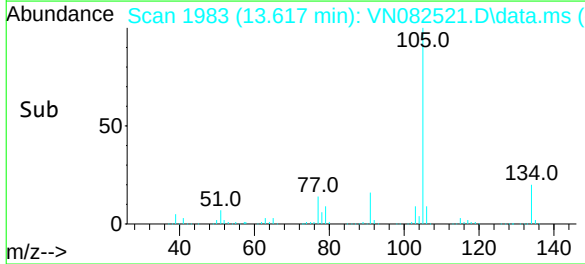
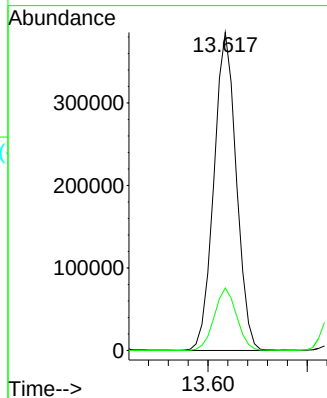
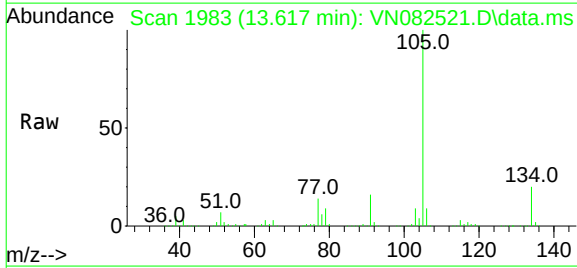
VSTDCCC050

Tgt Ion:105 Resp: 605435

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.503 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

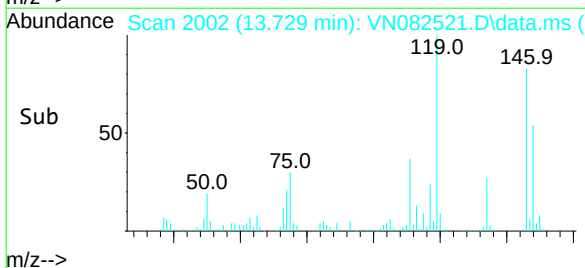
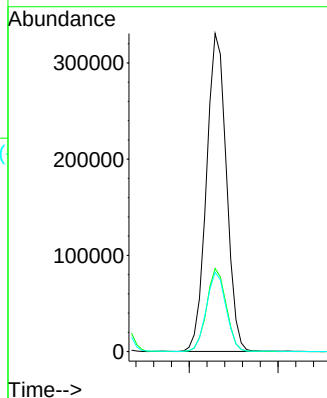
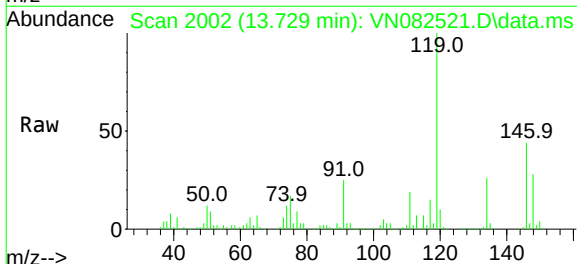
Tgt Ion:119 Resp: 515493

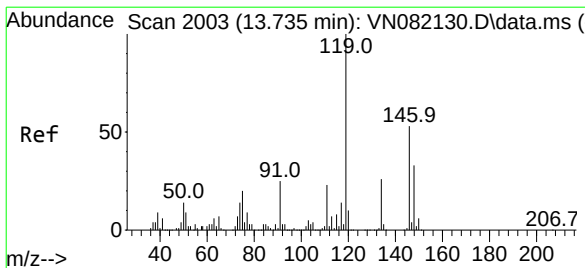
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 24.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.321 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082521.D

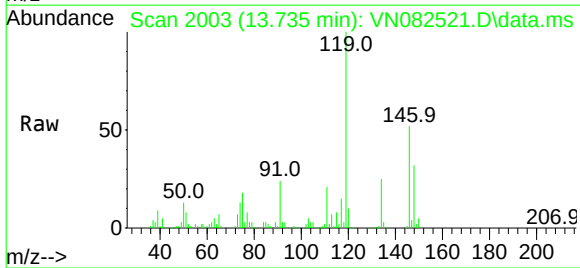
Acq: 12 Jun 2024 11:12

Instrument :

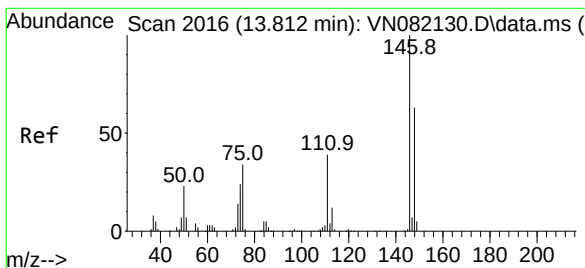
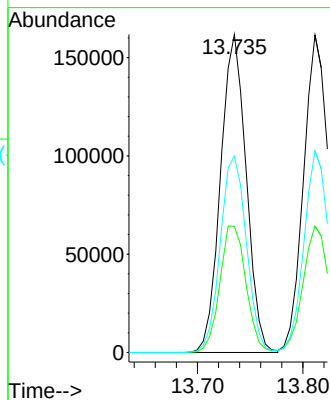
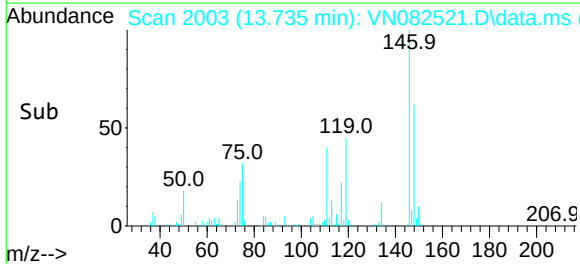
MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:	146	Resp:	273245
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.5
148	63.0	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 51.581 ug/l

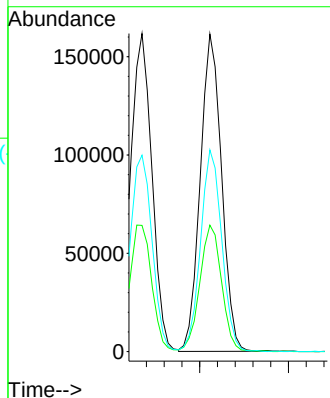
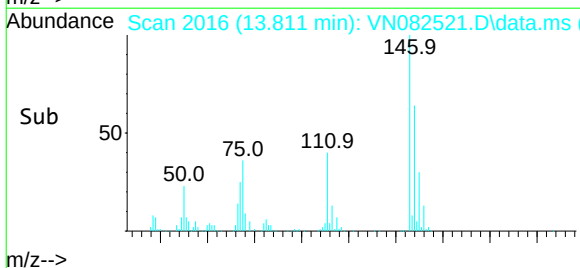
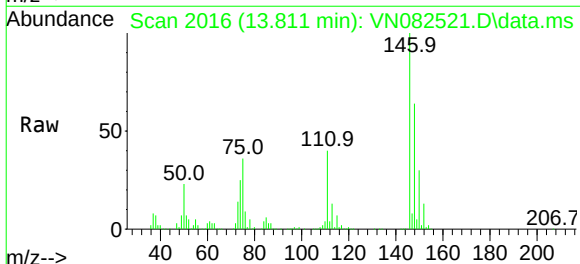
RT: 13.811 min Scan# 2016

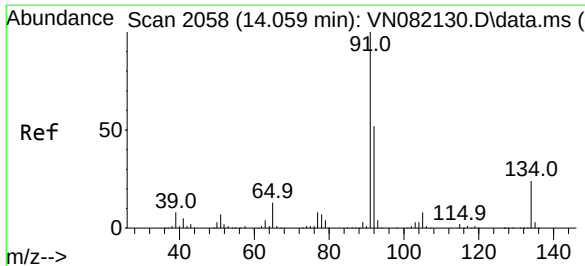
Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:	146	Resp:	269779
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.3	57.9
148	63.3	31.3	93.9





#89

n-Butylbenzene

Concen: 51.795 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

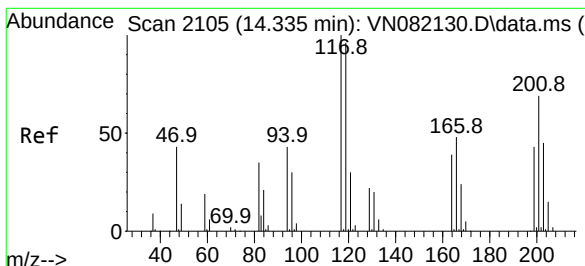
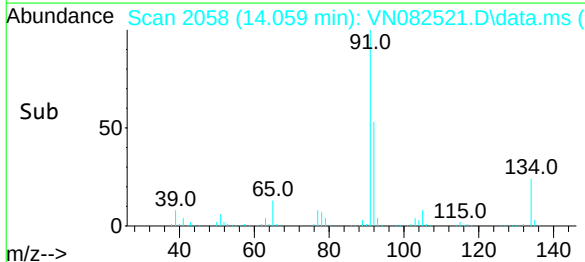
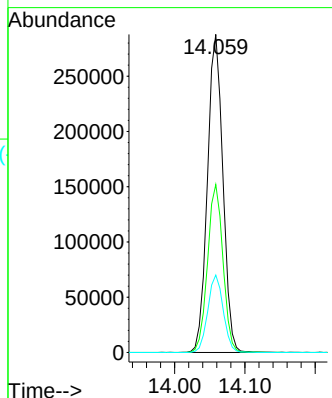
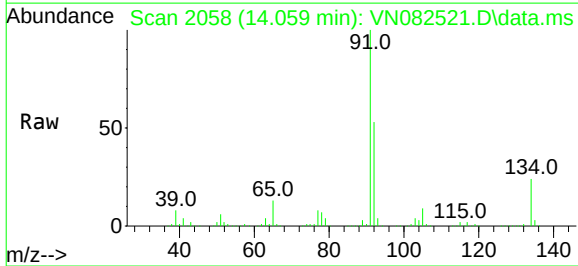
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	440311
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	24.3	13.2	39.5



#90

Hexachloroethane

Concen: 55.444 ug/l

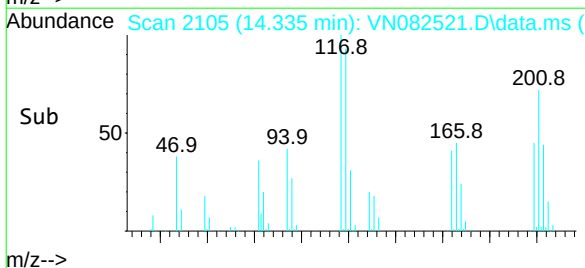
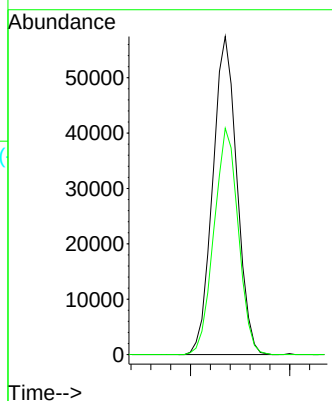
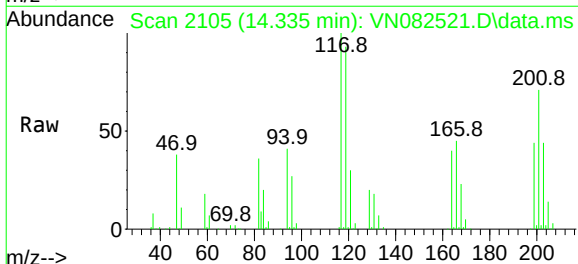
RT: 14.335 min Scan# 2105

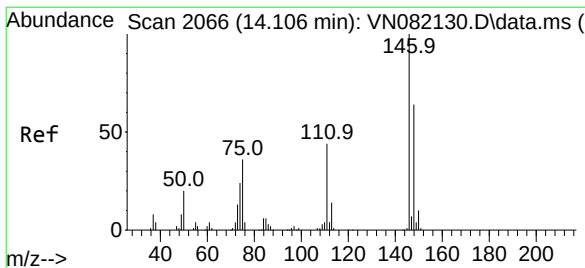
Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:	117	Resp:	97158
Ion	Ratio	Lower	Upper
117	100		
201	71.5	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 53.794 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

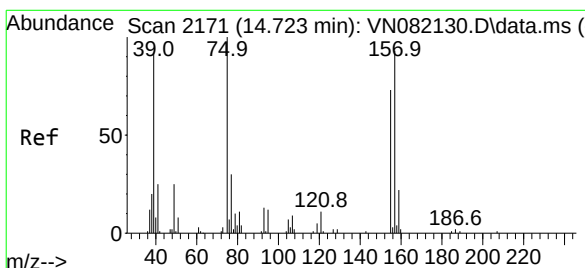
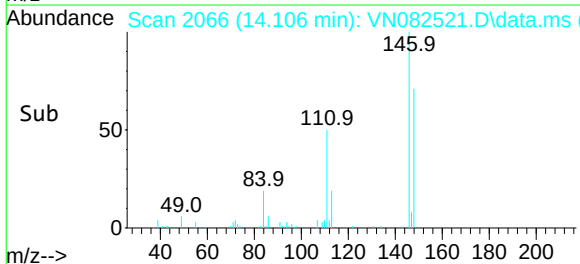
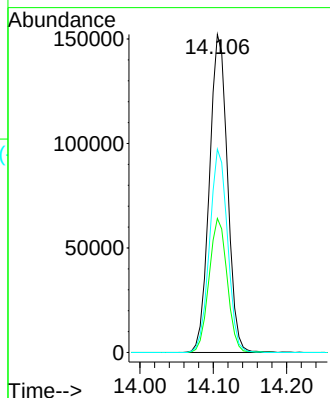
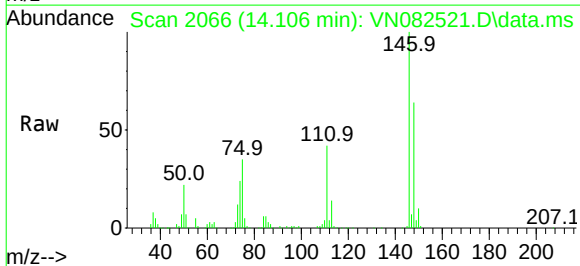
Tgt Ion:146 Resp: 260940

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.653 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

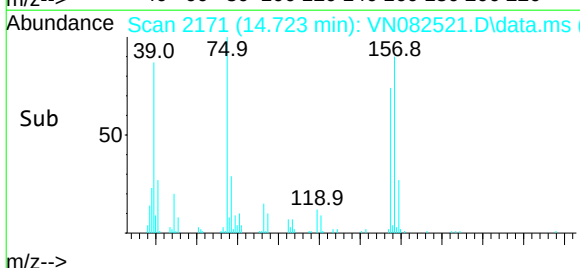
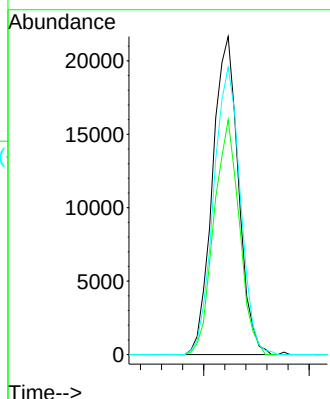
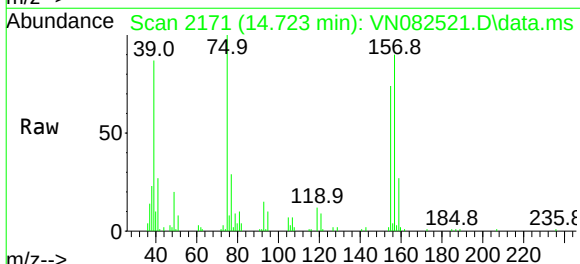
Tgt Ion: 75 Resp: 37013

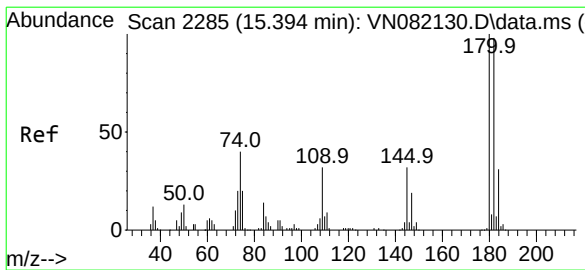
Ion Ratio Lower Upper

75 100

155 72.4 42.6 128.0

157 92.9 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 51.484 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

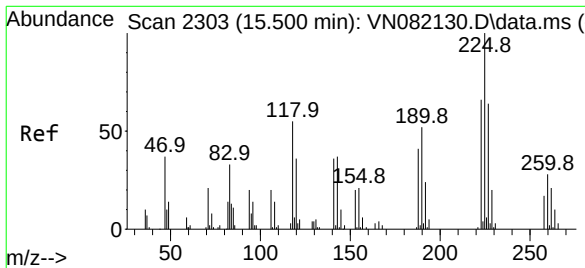
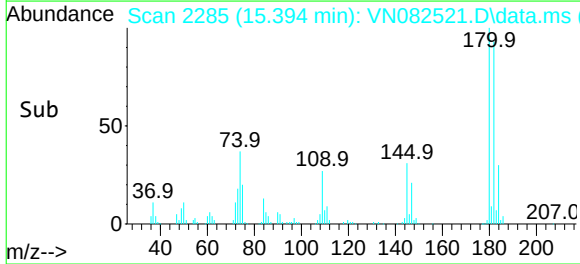
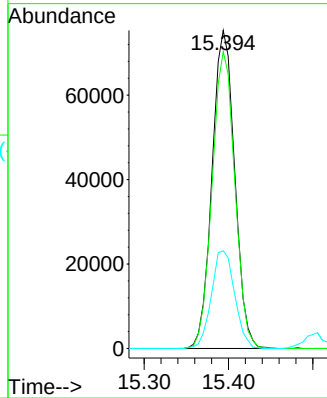
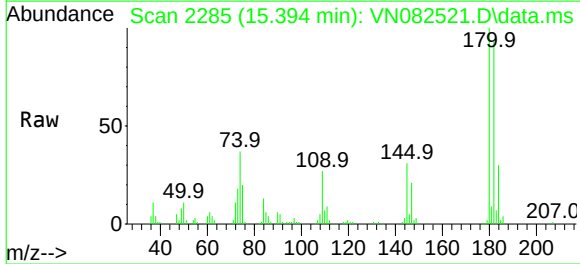
Tgt Ion:180 Resp: 139985

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 31.8 16.2 48.6



#94

Hexachlorobutadiene

Concen: 51.063 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

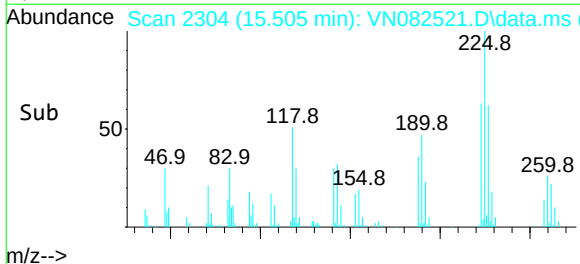
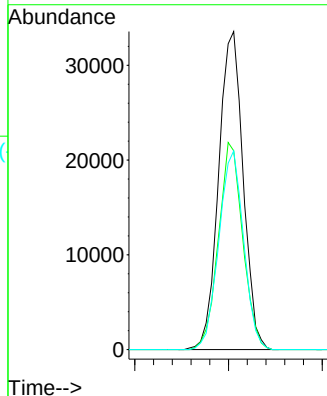
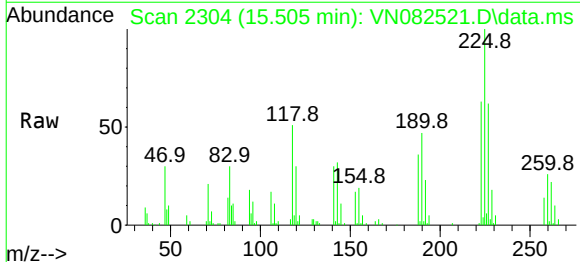
Tgt Ion:225 Resp: 60922

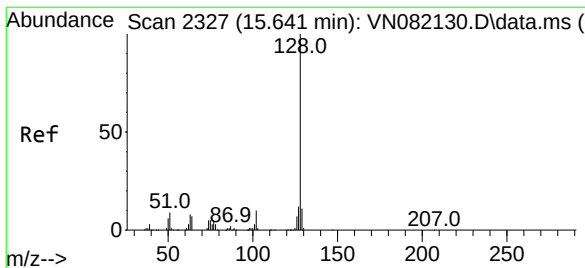
Ion Ratio Lower Upper

225 100

223 64.6 31.1 93.2

227 63.1 30.6 91.6





#95

Naphthalene

Concen: 52.715 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

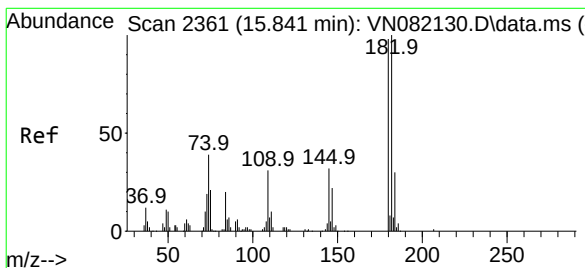
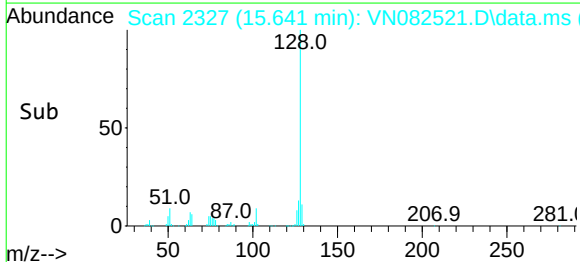
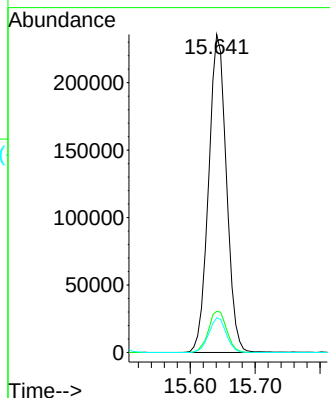
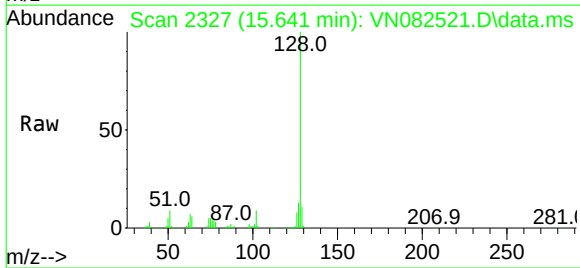
Tgt Ion:128 Resp: 449178

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.442 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082521.D

Acq: 12 Jun 2024 11:12

Tgt Ion:180 Resp: 140022

Ion Ratio Lower Upper

180 100

182 97.5 46.0 137.8

145 33.3 17.1 51.3

