

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082920.D
 Acq On : 15 Jul 2024 16:14
 Operator : JC\MD
 Sample : P3224-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:24:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	91418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	181330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77124	60.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.360%	
35) Dibromofluoromethane	8.171	113	64141	58.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.160%	
50) Toluene-d8	10.571	98	229459	56.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.853	95	81389	55.547	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.100%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	237	0.211	ug/l #	43
5) Bromomethane	2.965	94	491	0.578	ug/l #	77
10) Methyl Iodide	4.577	142	247	0.251	ug/l #	38
11) Tert butyl alcohol	5.530	59	427	1.981	ug/l #	71
13) Acrolein	4.189	56	67	0.431	ug/l #	14
16) Acetone	4.442	43	14631	32.428	ug/l #	85
17) Carbon Disulfide	4.712	76	1459	0.523	ug/l #	75
18) Methyl Acetate	5.042	43	430	0.360	ug/l #	56
20) Methylene Chloride	5.271	84	1332	1.222	ug/l #	80
25) 2-Butanone	7.483	43	575	0.844	ug/l #	53
31) Cyclohexane	8.224	56	2856	1.705	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	7655	5.027	ug/l #	43
37) Ethyl Acetate	7.577	43	539	0.348	ug/l #	72
38) Carbon Tetrachloride	8.230	117	9970	5.438	ug/l #	17
40) Benzene	8.612	78	120832	25.798	ug/l	99
43) Isopropyl Acetate	8.694	43	26232	6.386	ug/l #	89
48) Methyl methacrylate	9.671	41	812	0.668	ug/l #	17
51) 4-Methyl-2-Pentanone	10.441	43	2497	1.625	ug/l #	79
52) Toluene	10.635	92	88192	30.142	ug/l	99
53) t-1,3-Dichloropropene	10.641	75	1025	0.565	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	5867	3.057	ug/l #	69
55) 1,1,2-Trichloroethane	10.882	97	458	0.426	ug/l #	14
57) 1,3-Dichloropropane	11.206	76	778	0.409	ug/l #	43
59) 2-Hexanone	11.200	43	9451	8.271	ug/l	65
67) Ethyl Benzene	11.965	91	16520	2.530	ug/l	100
68) m/p-Xylenes	12.071	106	41463	16.817	ug/l	99
69) o-Xylene	12.400	106	42555	18.013	ug/l	96
70) Styrene	12.412	104	11264	2.886	ug/l #	46
71) Bromoform	12.847	173	429	0.395	ug/l #	1
73) Isopropylbenzene	12.700	105	1482	0.252	ug/l	92
76) 1,2,3-Trichloropropane	12.853	75	45645	32.671	ug/l #	1
78) n-propylbenzene	13.035	91	2580	0.381	ug/l	98
79) 2-Chlorotoluene	13.100	91	1958	0.454	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	17699	3.718	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	45645	64.254	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.488	105	45431	9.365	ug/l	89

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

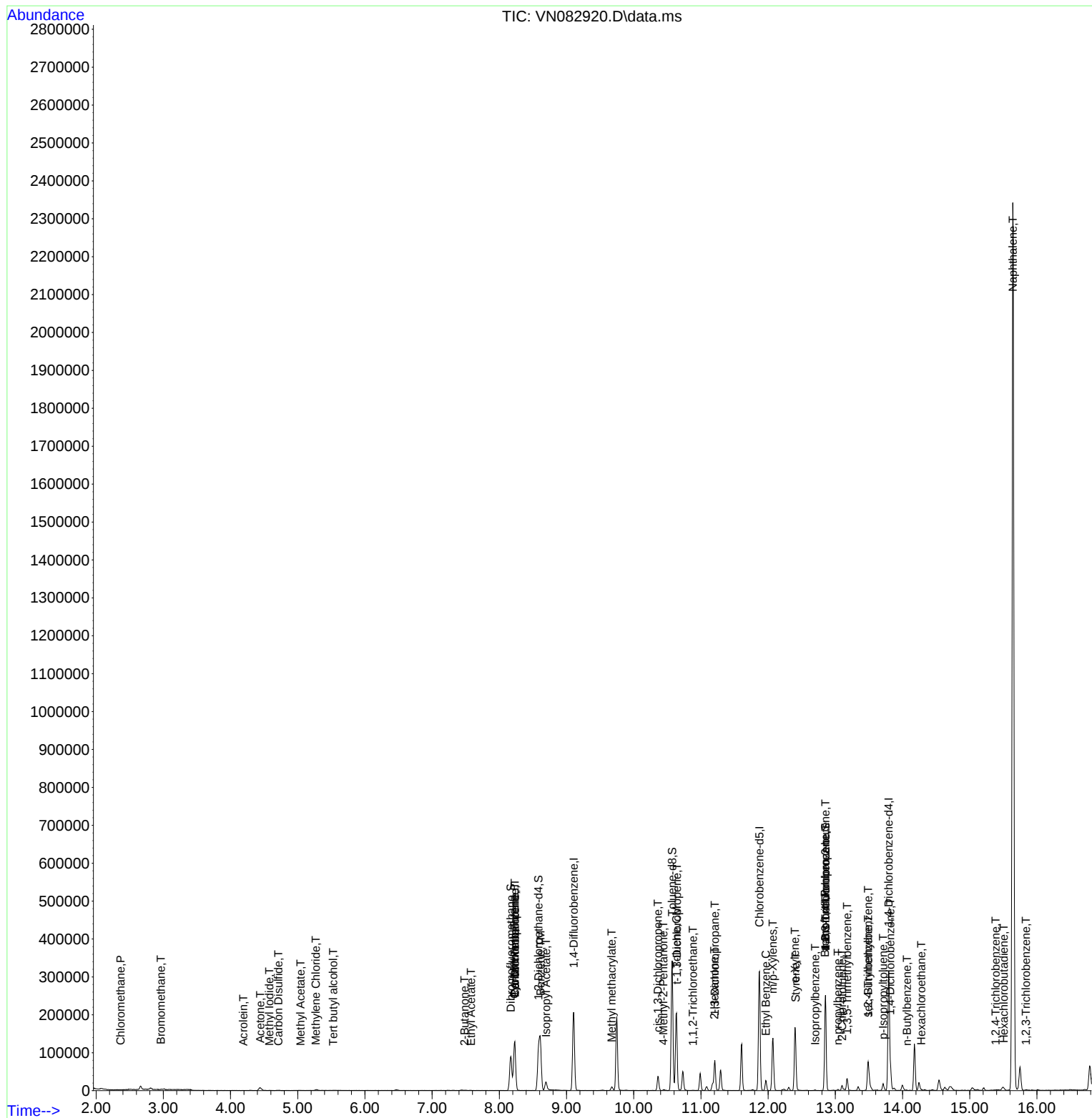
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.488	105	45431	7.967	ug/l #	57
86) p-Isopropyltoluene	13.712	119	1679	0.353	ug/l #	67
88) 1,4-Dichlorobenzene	13.818	146	608	0.214	ug/l #	1
89) n-Butylbenzene	14.065	91	1233	0.303	ug/l #	80
90) Hexachloroethane	14.276	117	276	0.274	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.388	180	681	0.474	ug/l #	82
94) Hexachlorobutadiene	15.506	225	421	0.662	ug/l #	40
95) Naphthalene	15.641	128	2076240	422.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	527	0.357	ug/l #	59

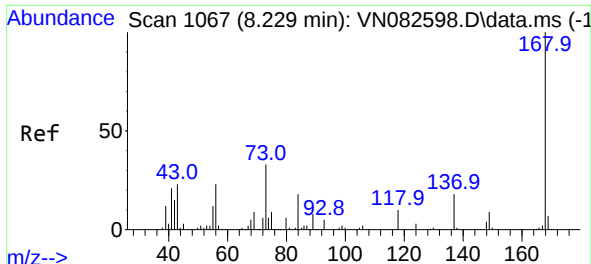
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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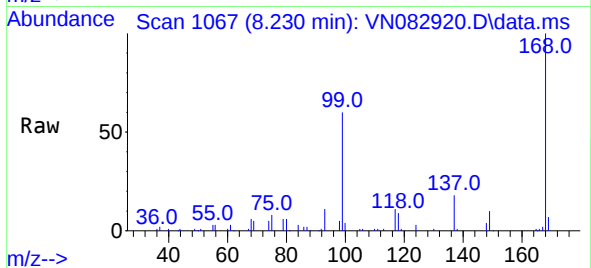
Quant Time: Jul 16 01:24:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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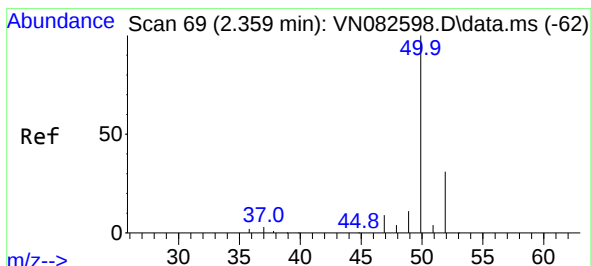
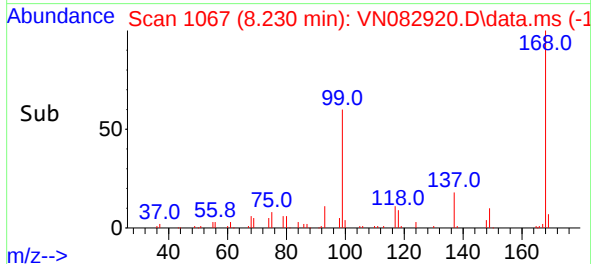
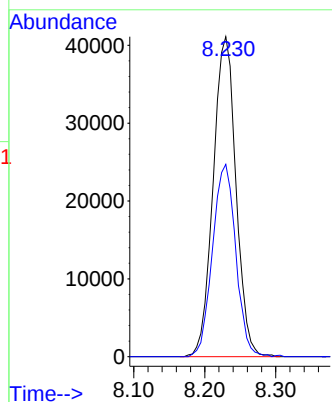


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

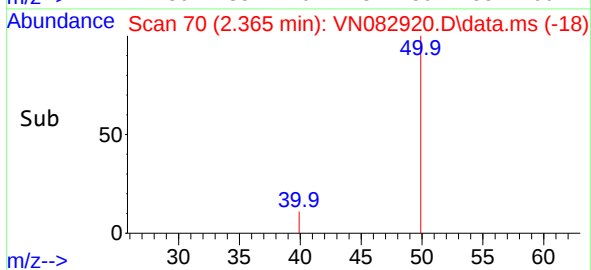
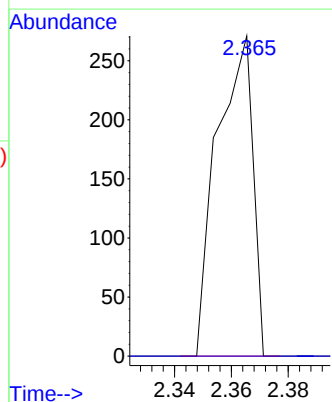
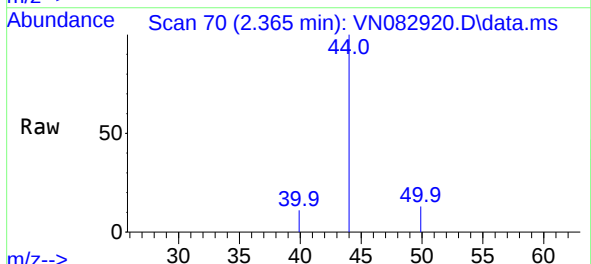


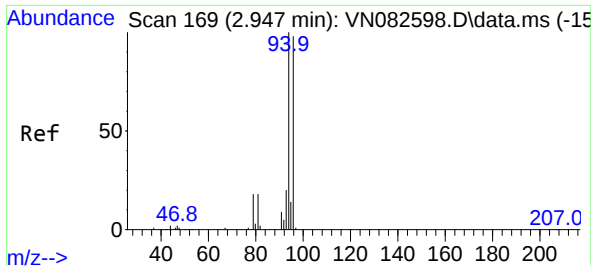
Tgt Ion:168 Resp: 91418
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

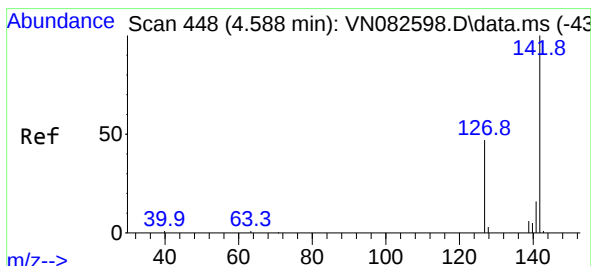
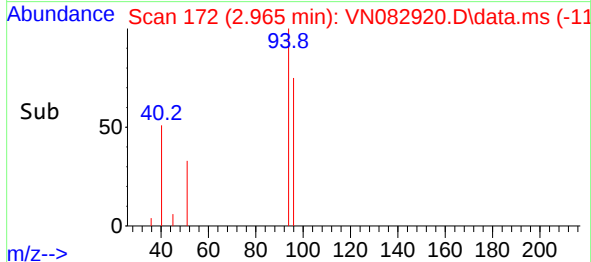
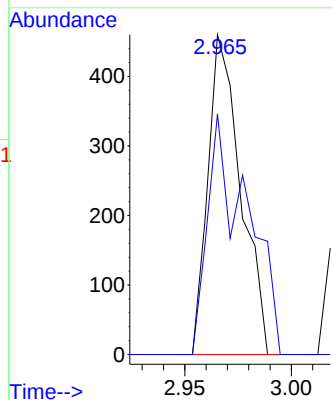
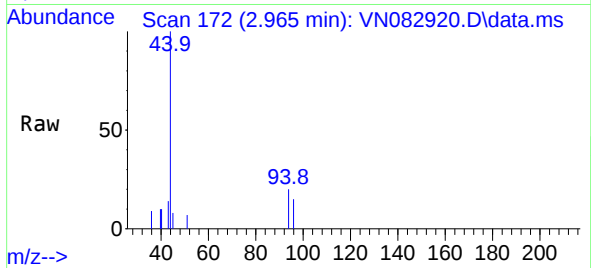




#5
Bromomethane
Concen: 0.578 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

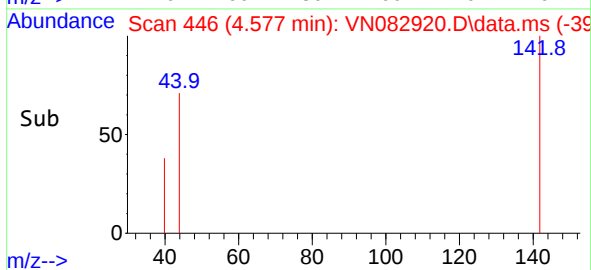
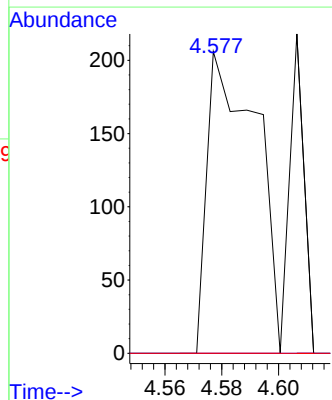
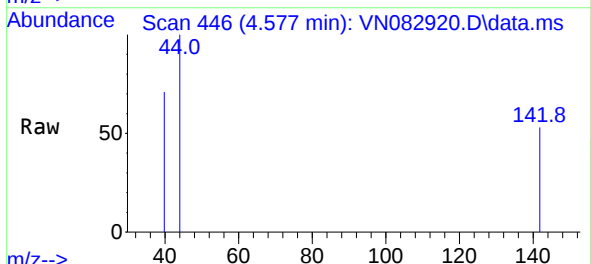
Instrument :
MSVOA_N
ClientSampleId :

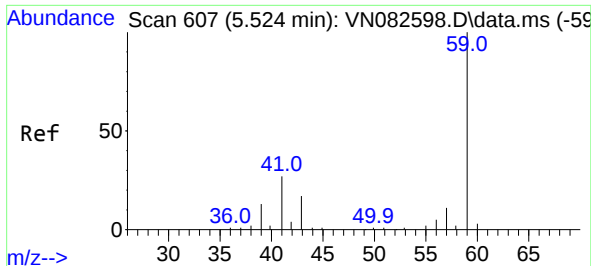
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 75.2 78.0 117.0#



#10
Methyl Iodide
Concen: 0.251 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.011 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

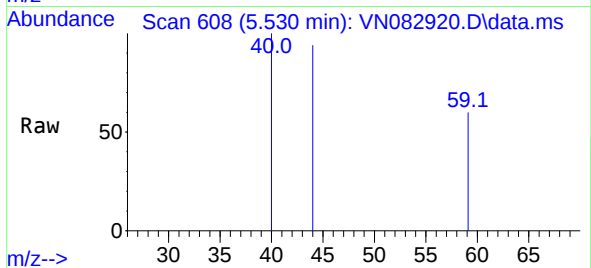
Tgt Ion:142 Resp: 247
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



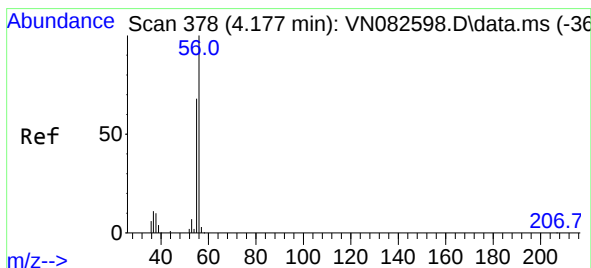
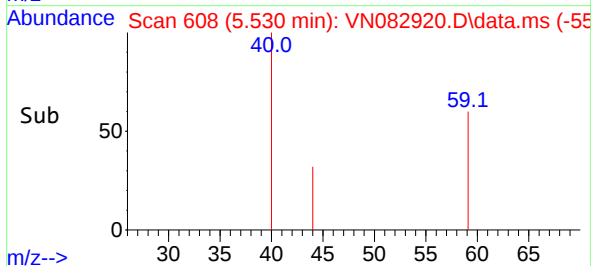
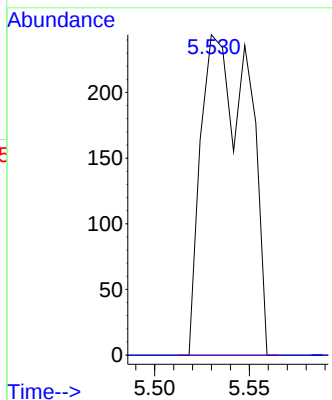


#11
Tert butyl alcohol
Concen: 1.981 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

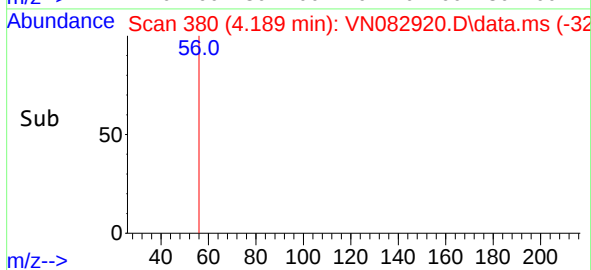
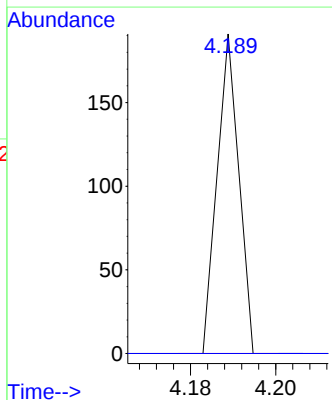
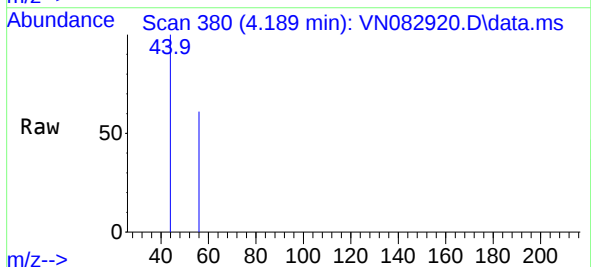


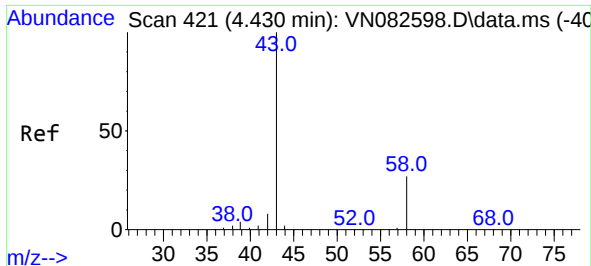
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.431 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#16

Acetone

Concen: 32.428 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Instrument :

MSVOA_N

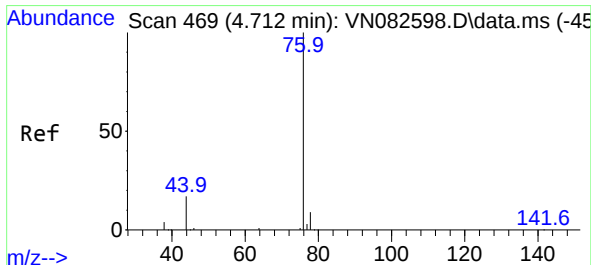
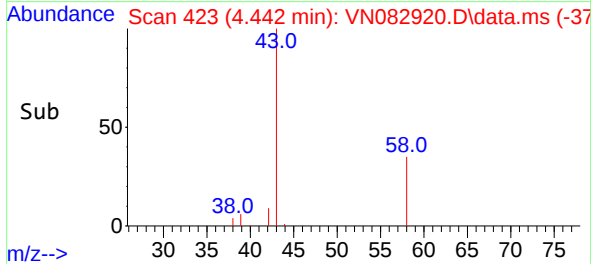
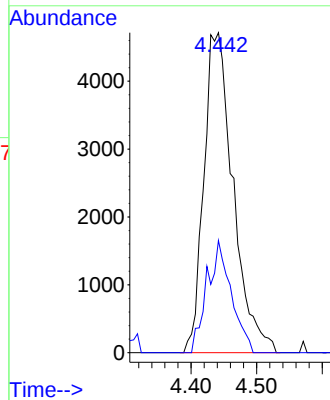
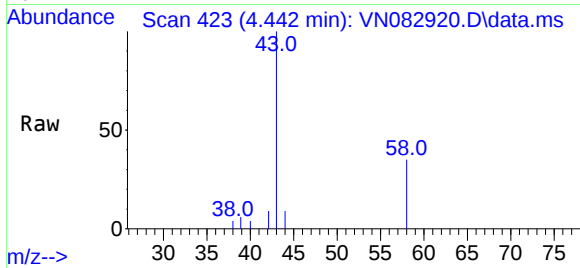
ClientSampleId :

Tgt Ion: 43 Resp: 14631

Ion Ratio Lower Upper

43 100

58 35.0 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.523 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082920.D

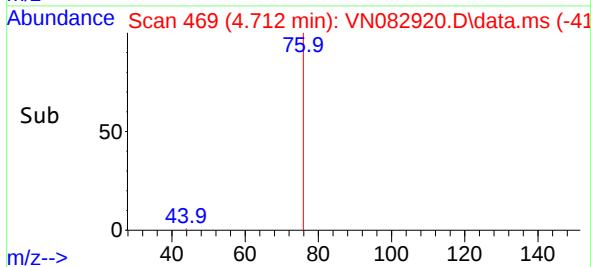
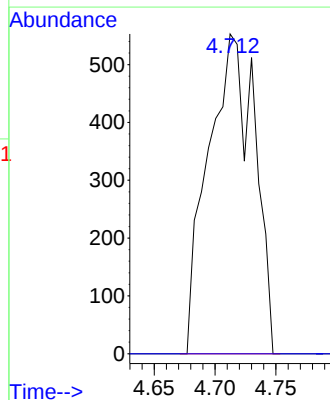
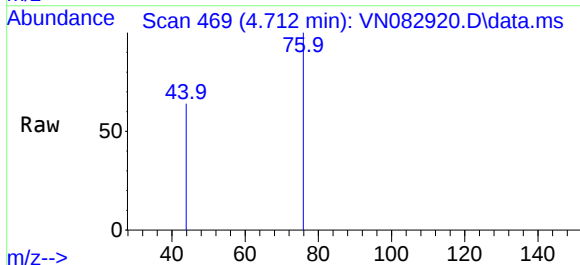
Acq: 15 Jul 2024 16:14

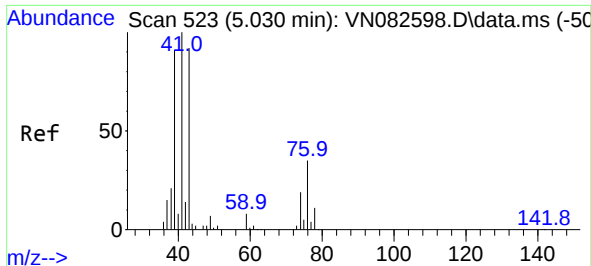
Tgt Ion: 76 Resp: 1459

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.360 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.012 min

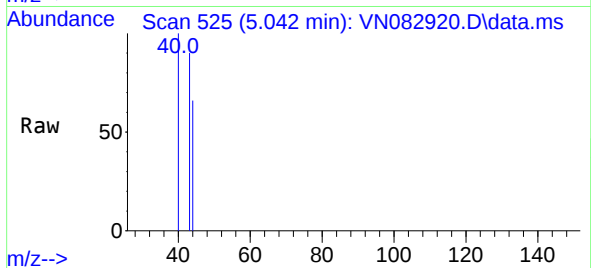
Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

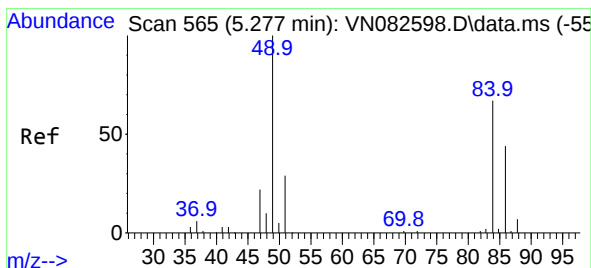
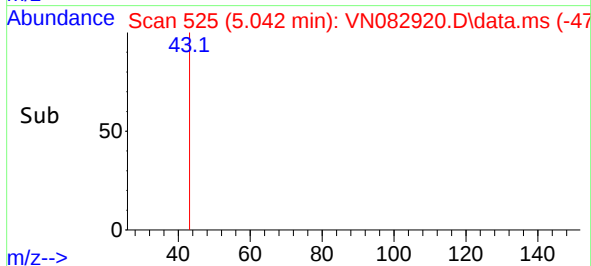
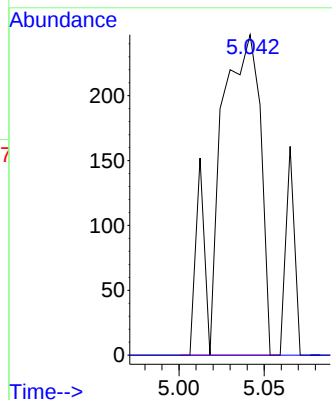


Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 1.222 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Tgt Ion: 84 Resp: 1332

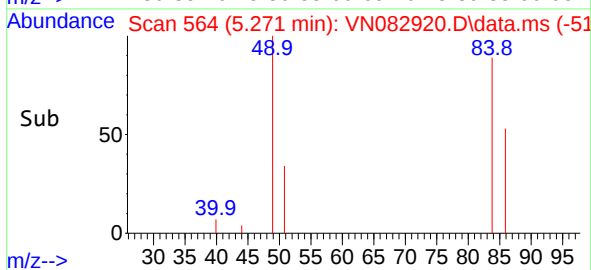
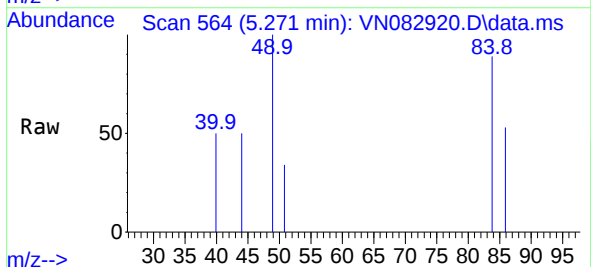
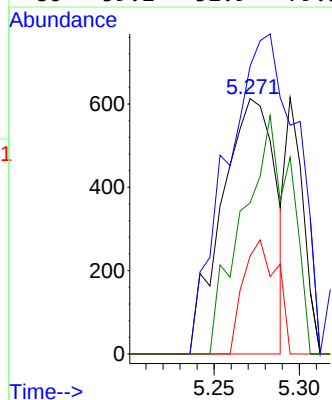
Ion Ratio Lower Upper

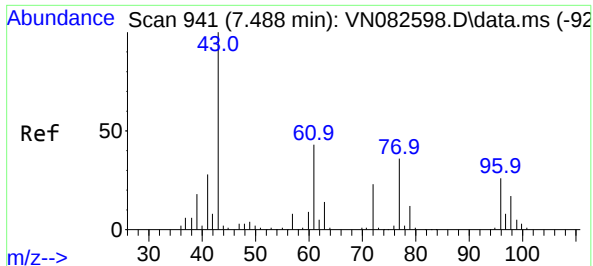
84 100

49 112.7 119.6 179.4#

51 38.3 34.8 52.2

86 59.2 52.9 79.3

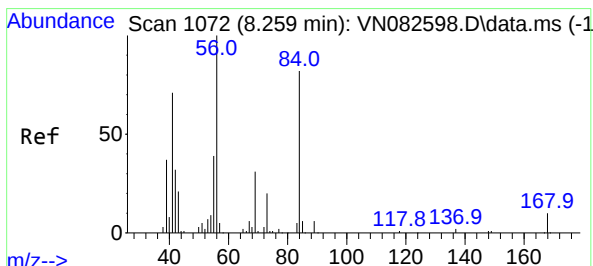
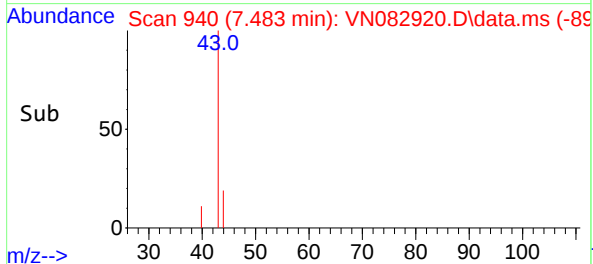
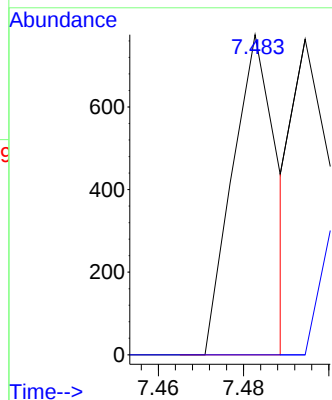
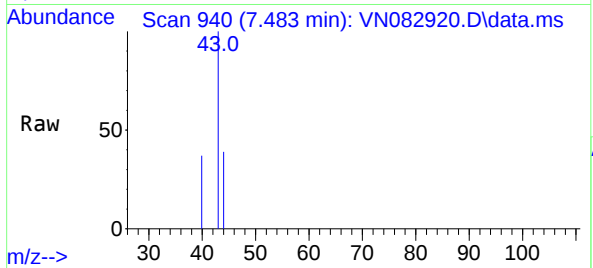




#25
2-Butanone
Concen: 0.844 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

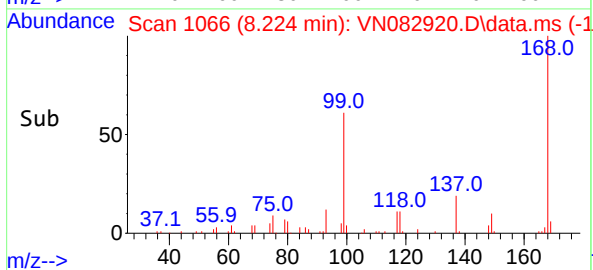
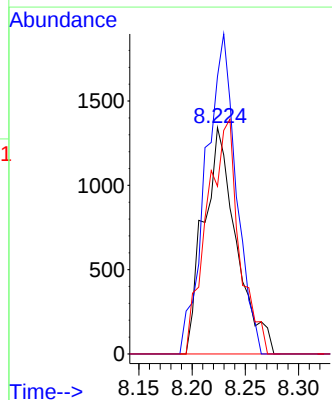
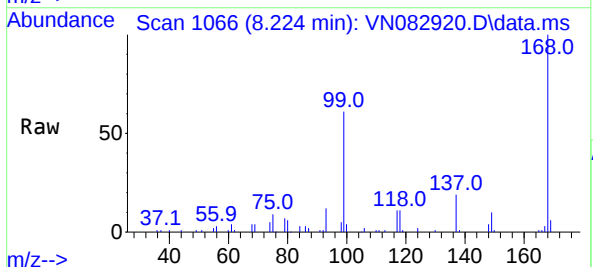
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MSVOA_N
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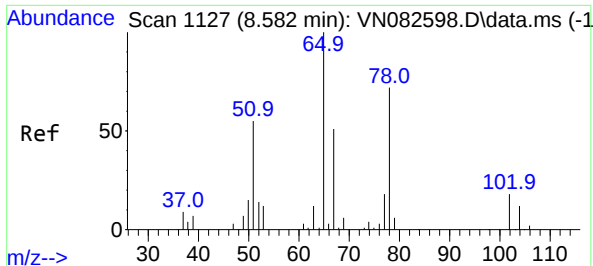
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.705 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 122.6 24.5 36.7#
84 74.1 66.0 99.0

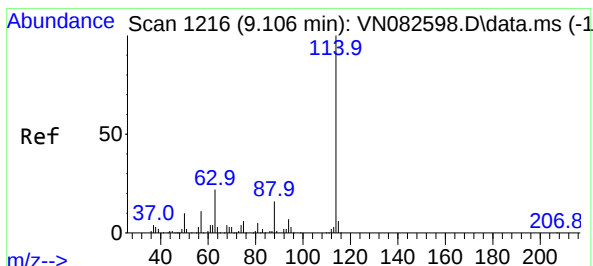
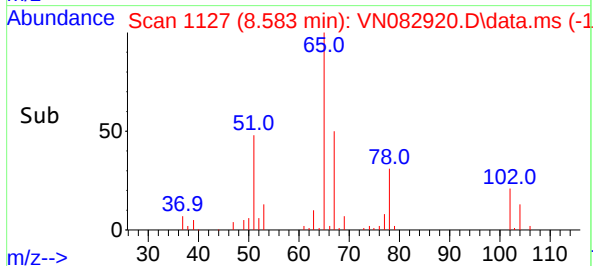
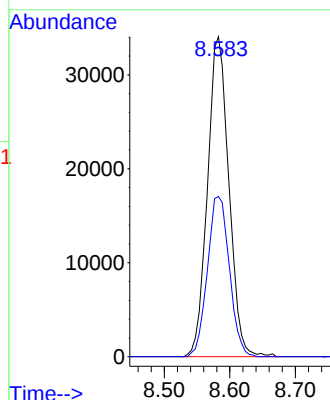
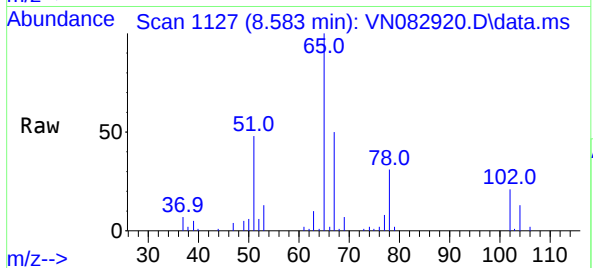




#33
1,2-Dichloroethane-d4
Concen: 60.183 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

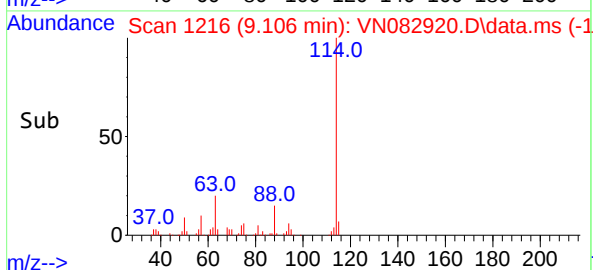
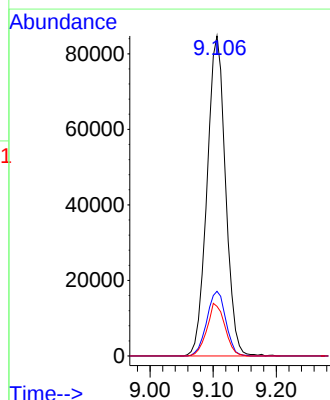
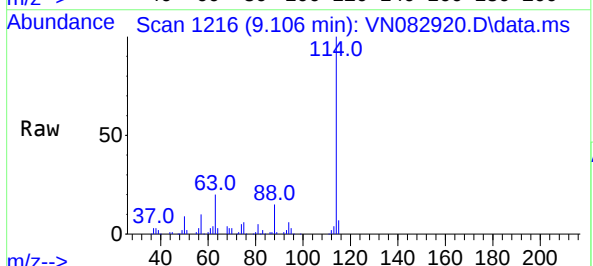
Instrument :
MSVOA_N
ClientSampleId :

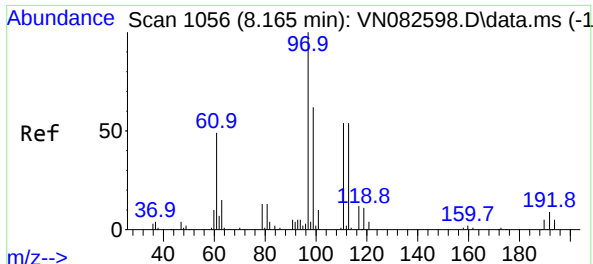
Tgt Ion: 65 Resp: 77124
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

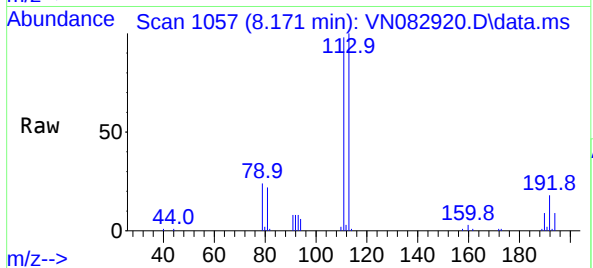
Tgt Ion: 114 Resp: 172112
Ion Ratio Lower Upper
114 100
63 20.2 0.0 44.6
88 15.5 0.0 31.4



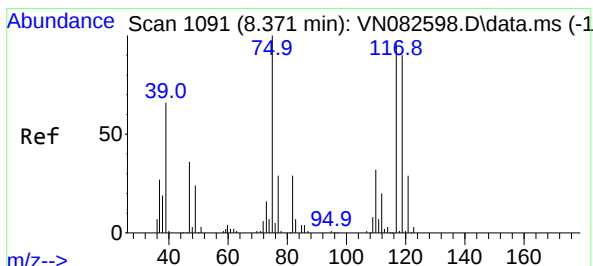
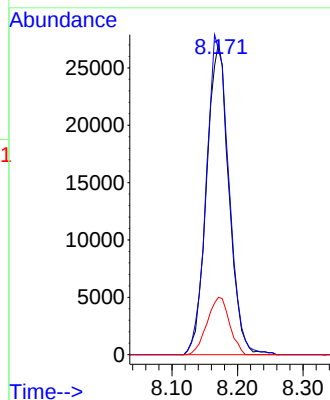
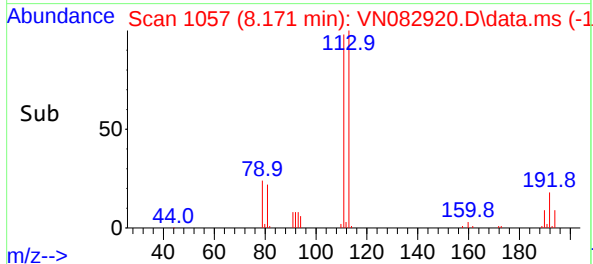


#35
Dibromofluoromethane
Concen: 58.078 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

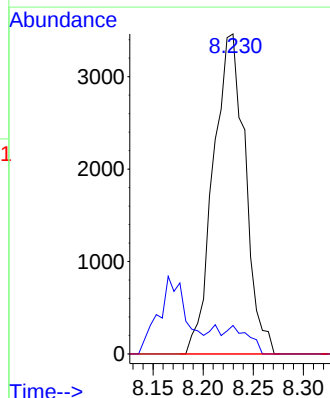
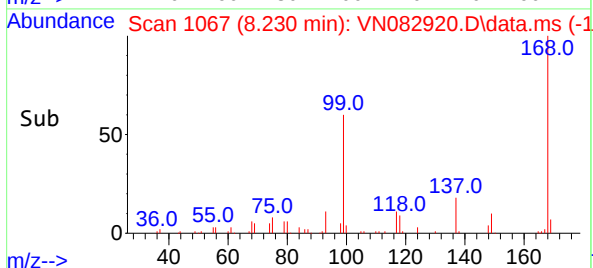
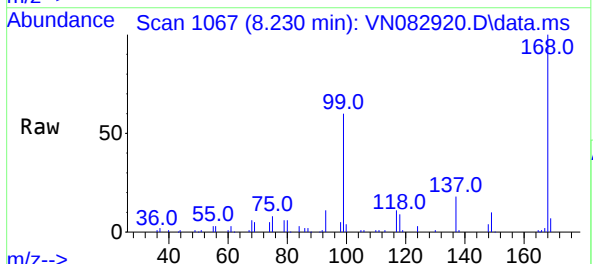


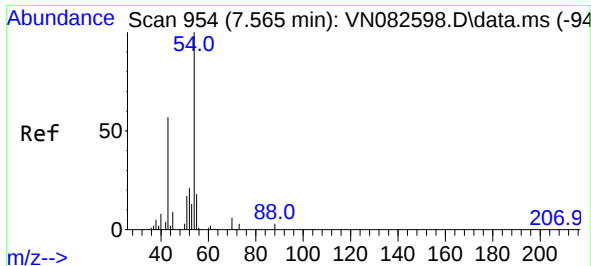
Tgt Ion:113 Resp: 64141
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

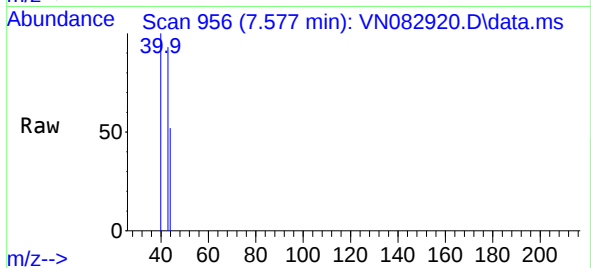
Tgt Ion: 75 Resp: 7655
Ion Ratio Lower Upper
75 100
110 0.0 16.3 48.9#
77 0.0 24.6 37.0#



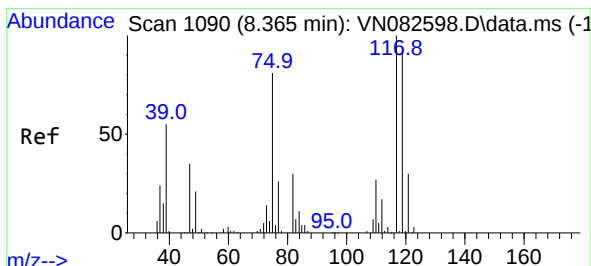
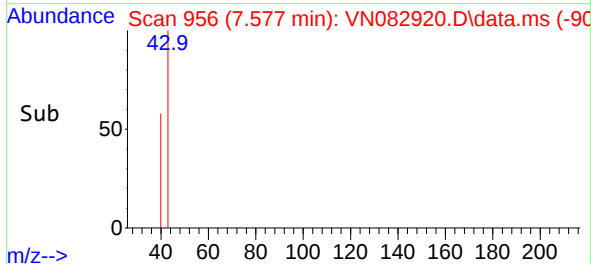
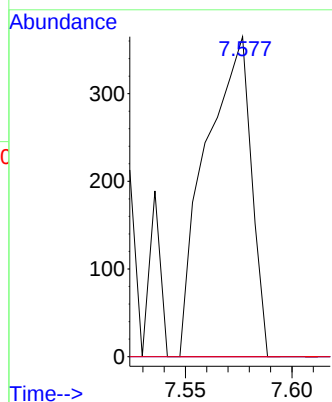


#37
Ethyl Acetate
Concen: 0.348 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

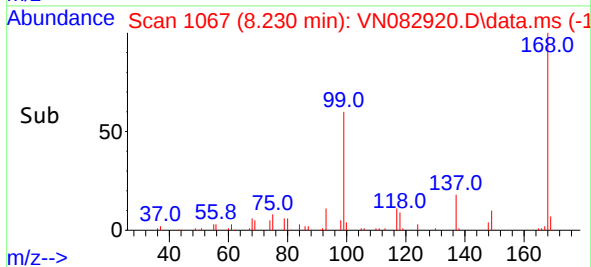
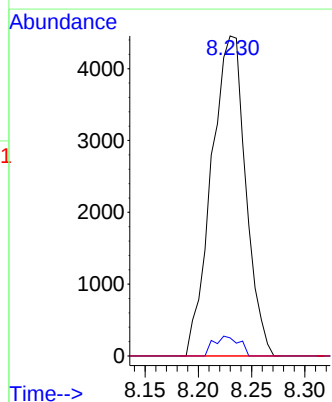
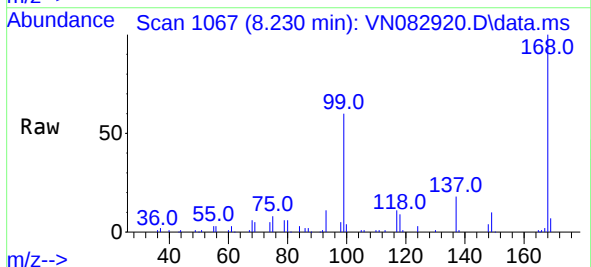


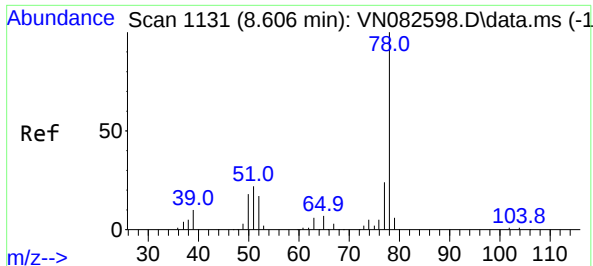
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 117 Resp: 9970
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 24.3 36.5#

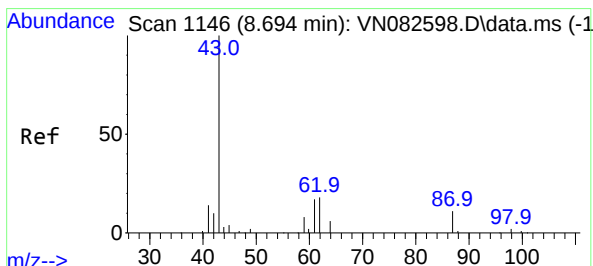
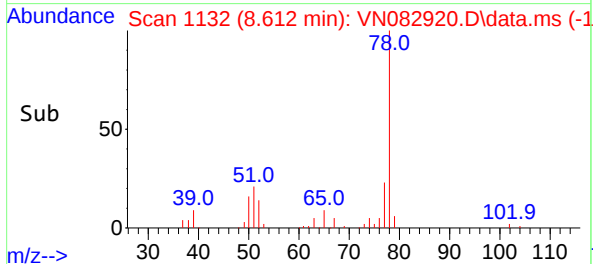
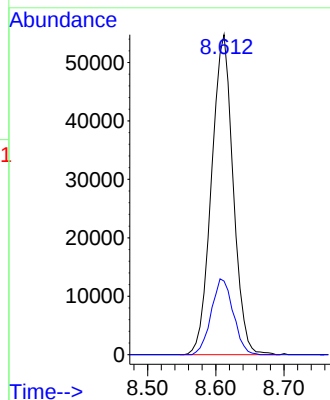
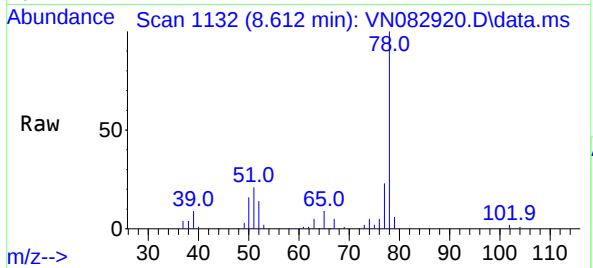




#40
Benzene
Concen: 25.798 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

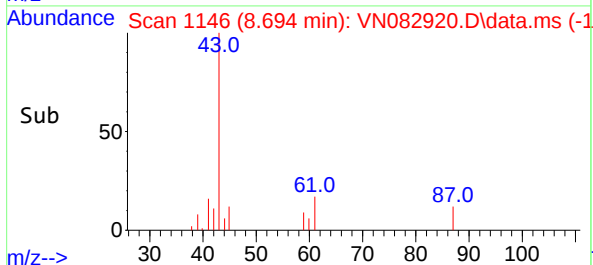
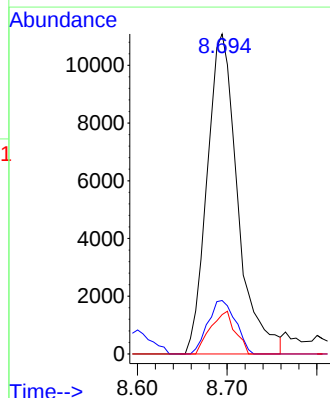
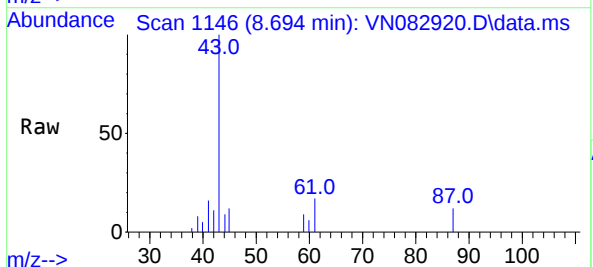
Instrument :
MSVOA_N
ClientSampleId :

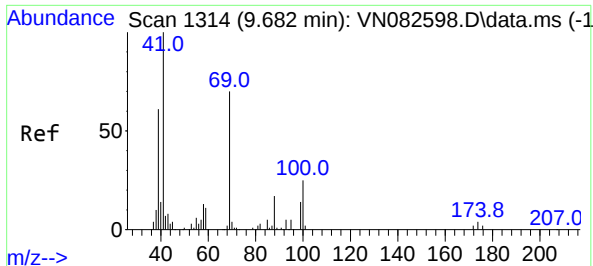
Tgt Ion: 78 Resp: 120832
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



#43
Isopropyl Acetate
Concen: 6.386 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 43 Resp: 26232
Ion Ratio Lower Upper
43 100
61 15.2 17.8 26.6#
87 10.8 8.2 12.2





#48

Methyl methacrylate

Concen: 0.668 ug/l

RT: 9.671 min Scan# 1

Delta R.T. -0.011 min

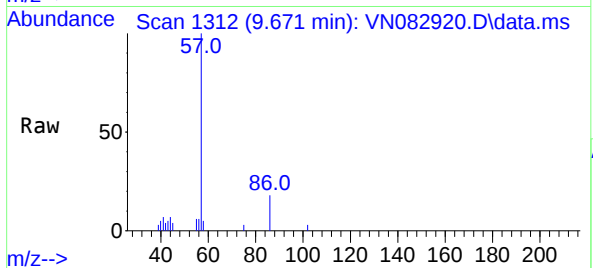
Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

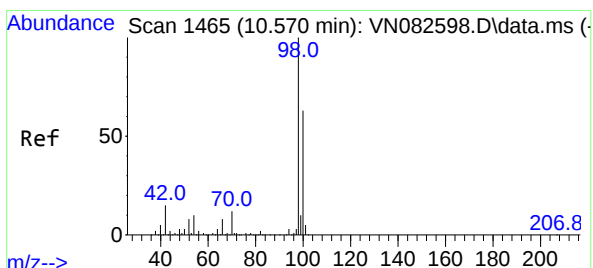
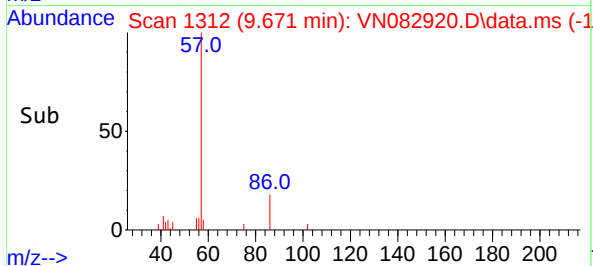
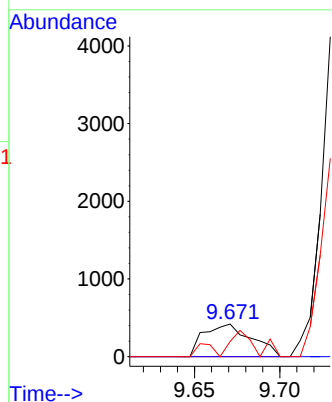
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	812
Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.3	84.5#
39	0.0	50.3	75.5#



#50

Toluene-d8

Concen: 56.253 ug/l

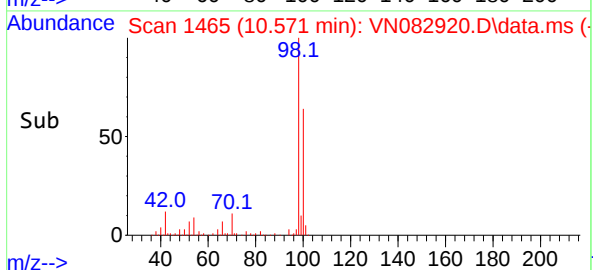
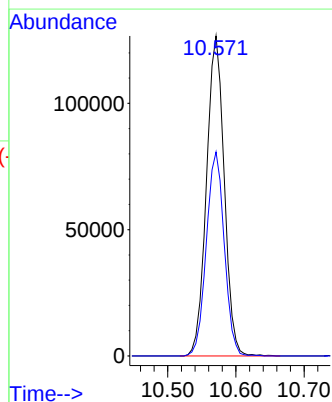
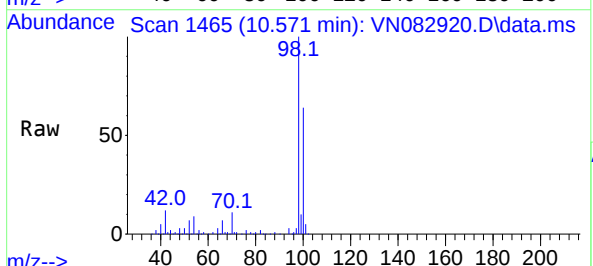
RT: 10.571 min Scan# 1465

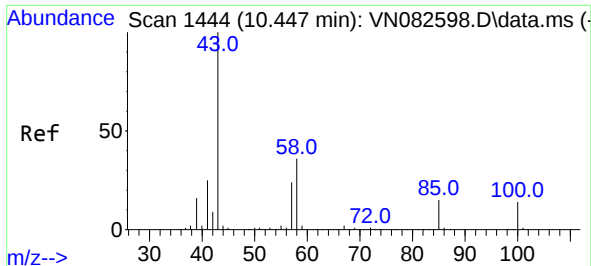
Delta R.T. 0.001 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Tgt Ion:	98	Resp:	229459
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3

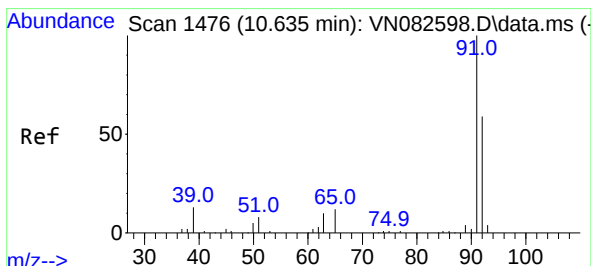
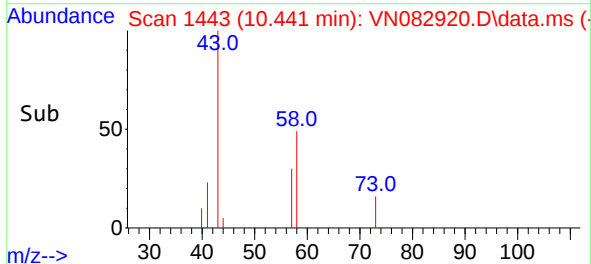
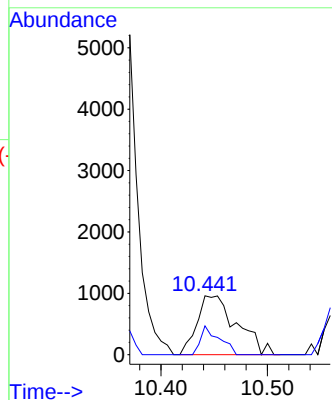
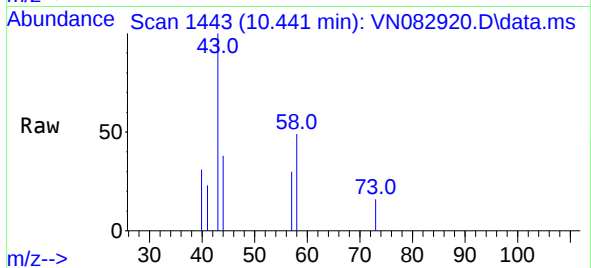




#51
4-Methyl-2-Pentanone
Concen: 1.625 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

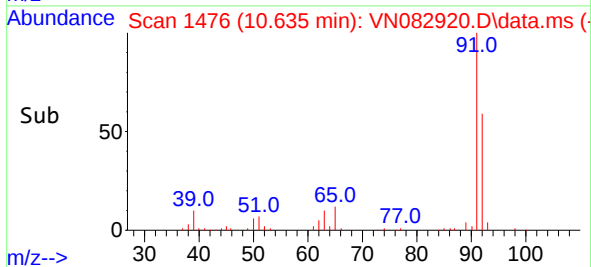
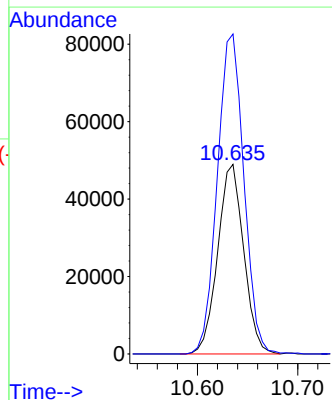
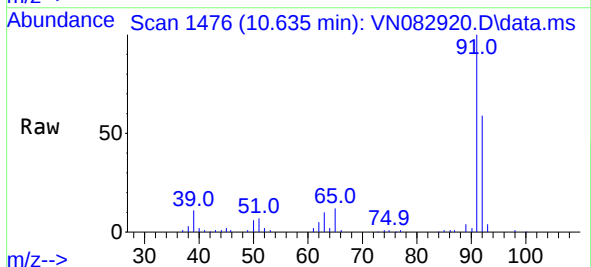
Instrument :
MSVOA_N
ClientSampleId :

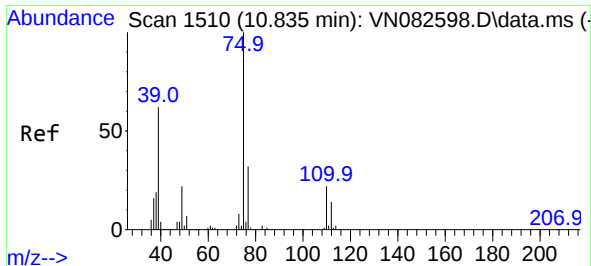
Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
58 22.9 28.2 42.4#



#52
Toluene
Concen: 30.142 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

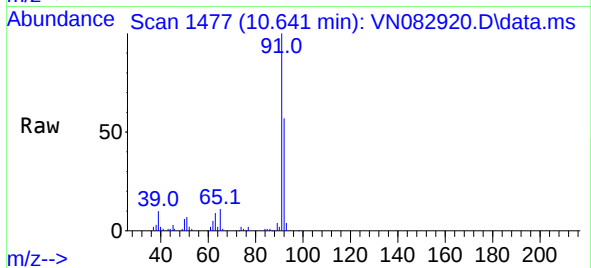
Tgt Ion: 92 Resp: 88192
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0



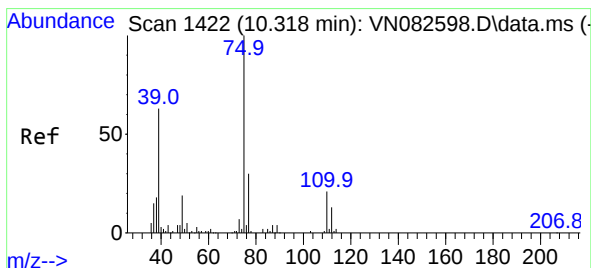
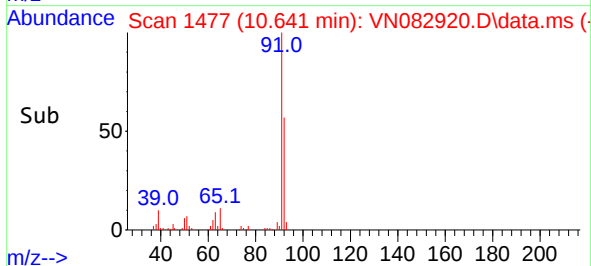
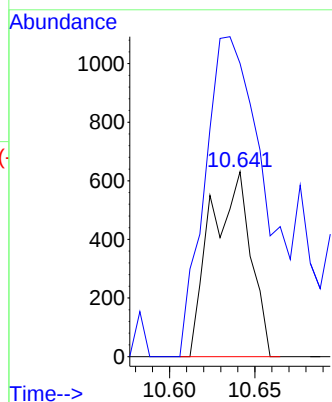


#53
t-1,3-Dichloropropene
Concen: 0.565 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. -0.194 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

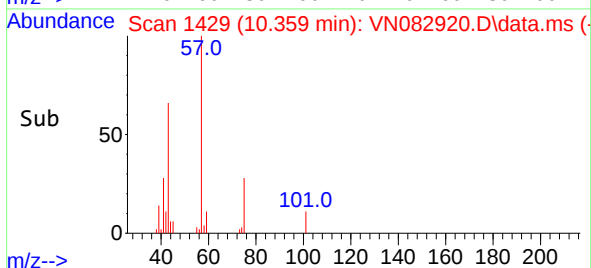
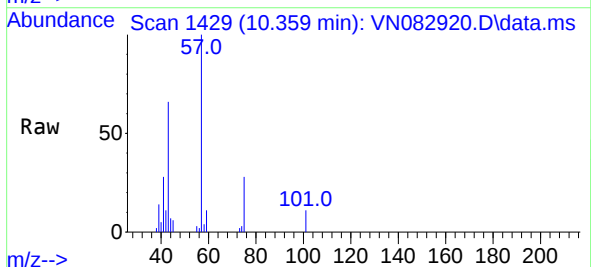
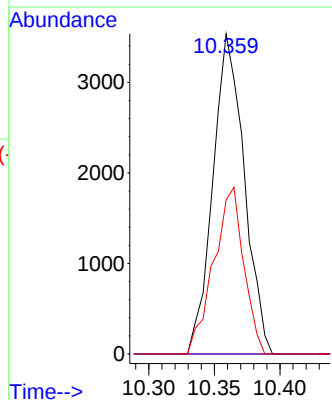


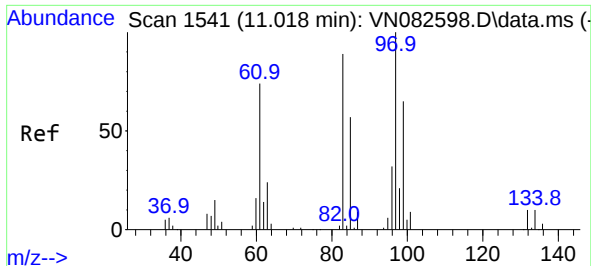
Tgt Ion: 75 Resp: 1025
Ion Ratio Lower Upper
75 100
77 158.6 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 3.057 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

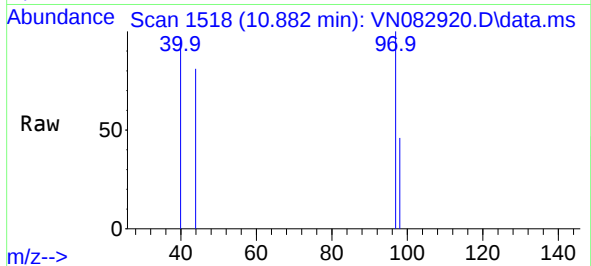
Tgt Ion: 75 Resp: 5867
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 48.1 50.5 75.7#



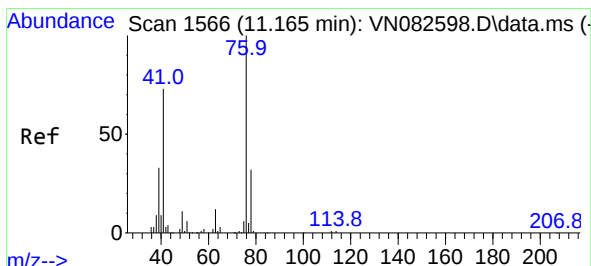
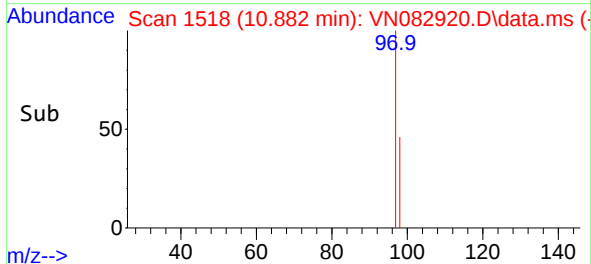
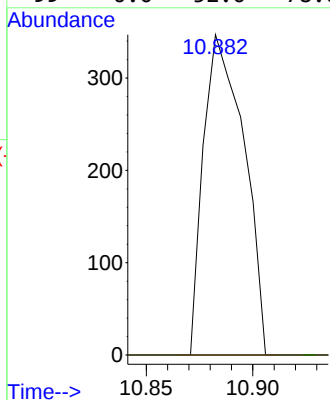


#55
1,1,2-Trichloroethane
Concen: 0.426 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.136 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

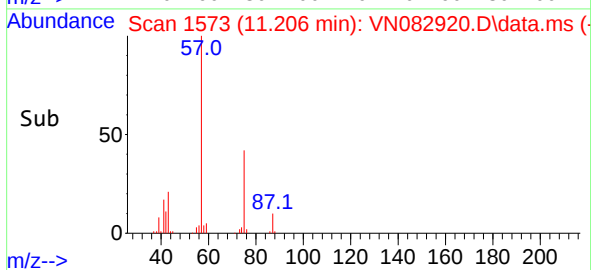
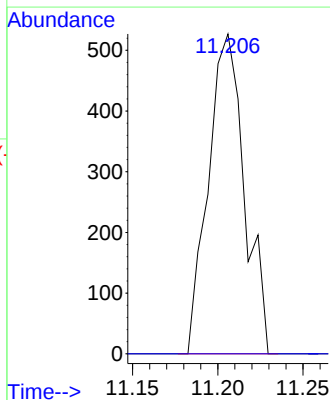
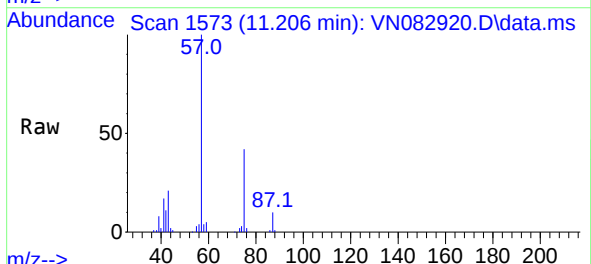


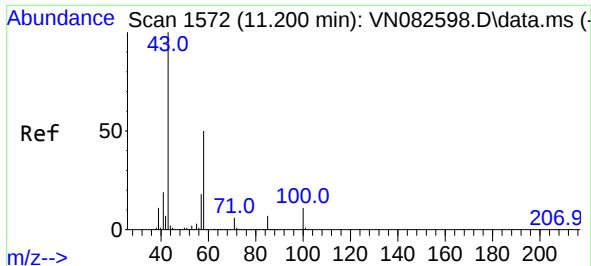
Tgt Ion: 97 Resp: 458
Ion Ratio Lower Upper
97 100
83 0.0 71.4 107.0#
85 0.0 45.8 68.6#
99 0.0 52.0 78.0#



#57
1,3-Dichloropropane
Concen: 0.409 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

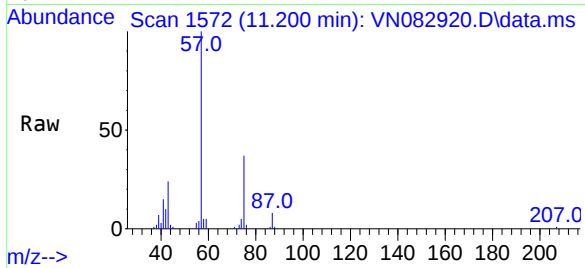
Tgt Ion: 76 Resp: 778
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



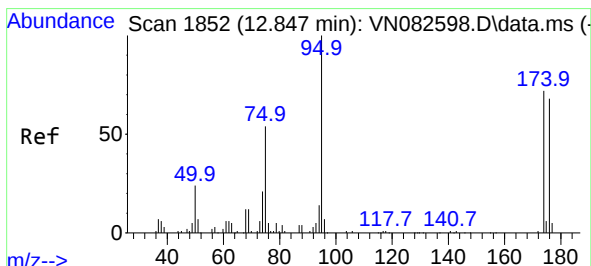
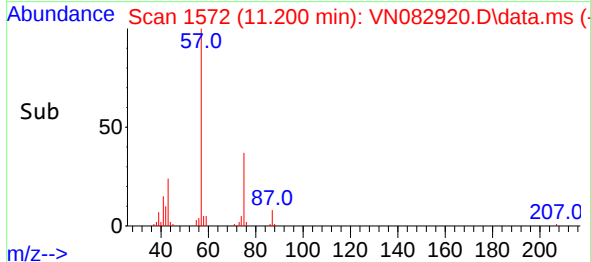
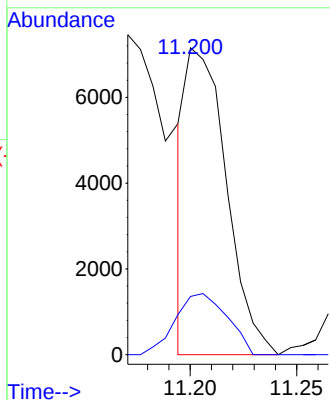


#59
2-Hexanone
Concen: 8.271 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

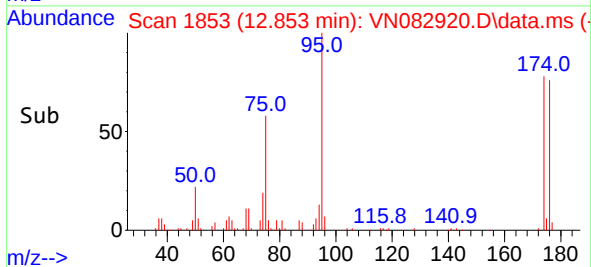
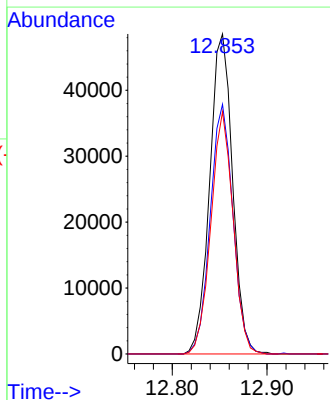
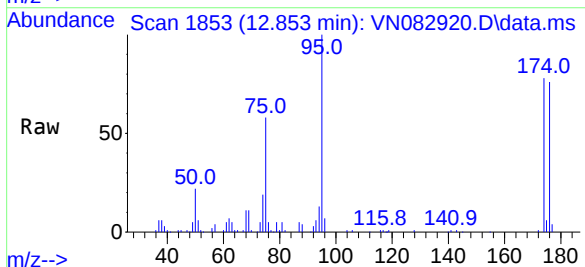


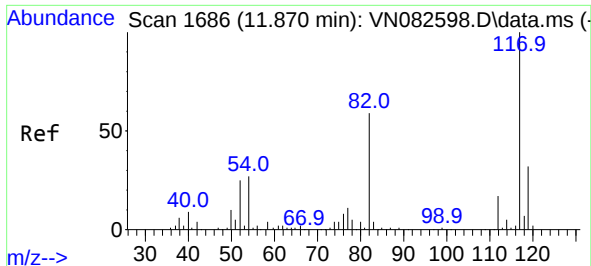
Tgt Ion: 43 Resp: 9451
Ion Ratio Lower Upper
43 100
58 25.6 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 55.547 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

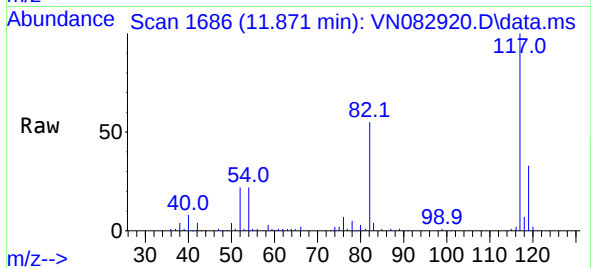
Tgt Ion: 95 Resp: 81389
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.2
176 73.4 0.0 147.6



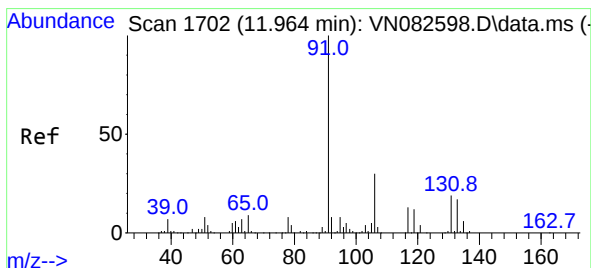
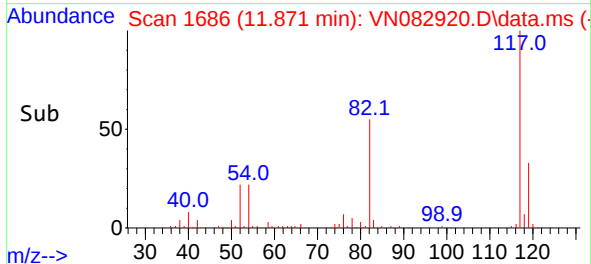
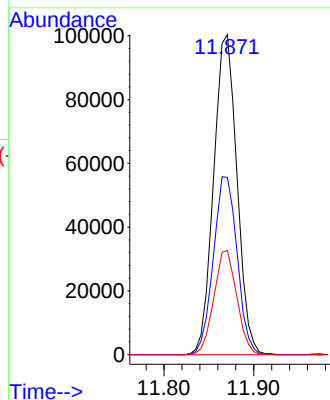


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

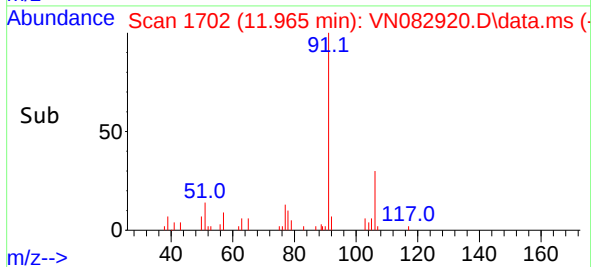
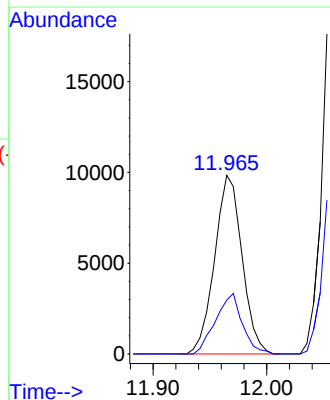
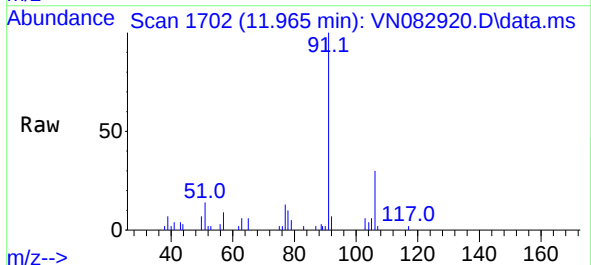


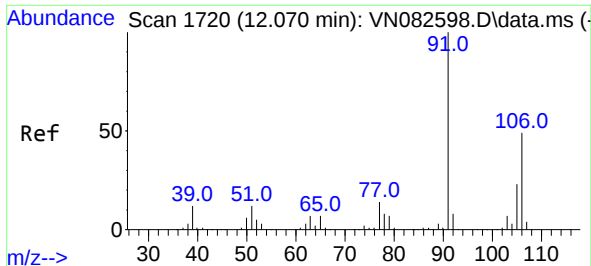
Tgt Ion:117 Resp: 181330
Ion Ratio Lower Upper
117 100
82 55.4 47.5 71.3
119 32.6 25.6 38.4



#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 91 Resp: 16520
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

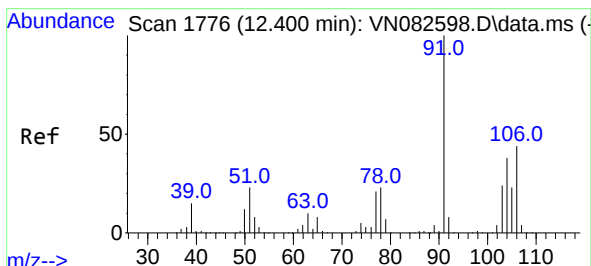
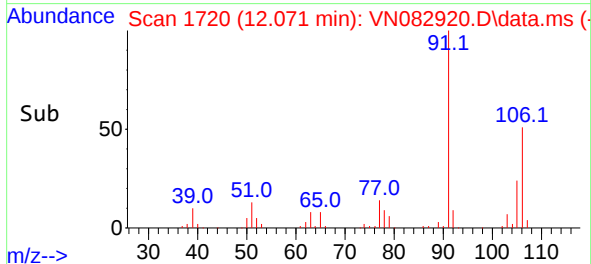
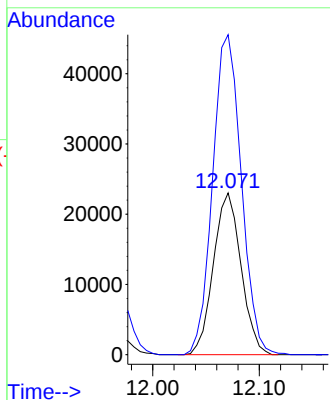
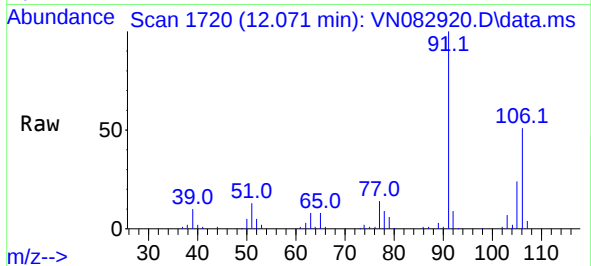




#68
m/p-Xylenes
Concen: 16.817 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

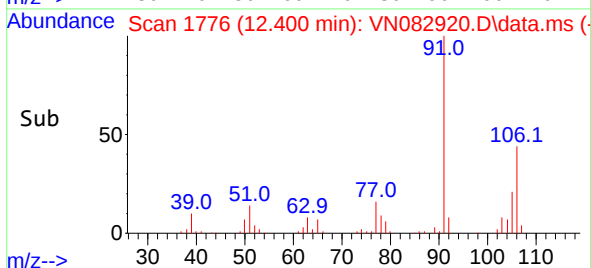
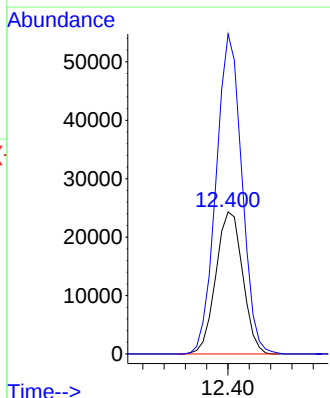
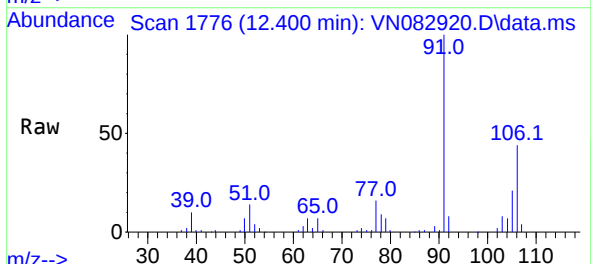
Instrument :
MSVOA_N
ClientSampleId :

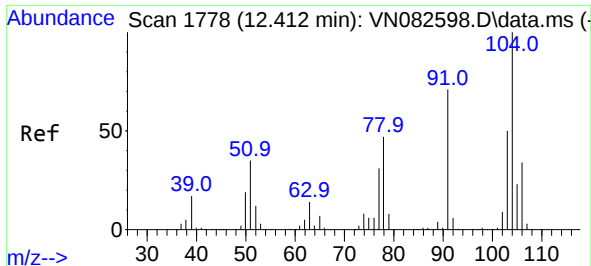
Tgt Ion:106 Resp: 41463
Ion Ratio Lower Upper
106 100
91 205.3 166.1 249.1



#69
o-Xylene
Concen: 18.013 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

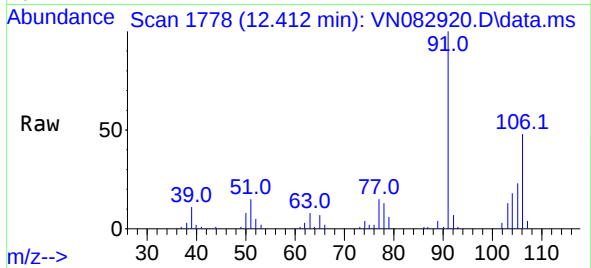
Tgt Ion:106 Resp: 42555
Ion Ratio Lower Upper
106 100
91 216.8 111.3 333.9



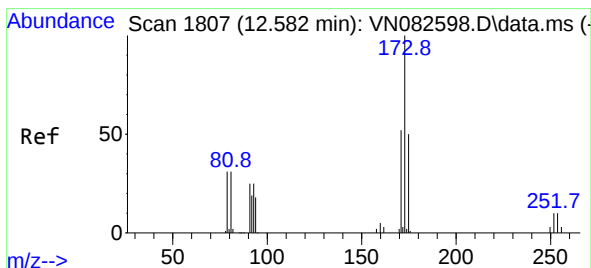
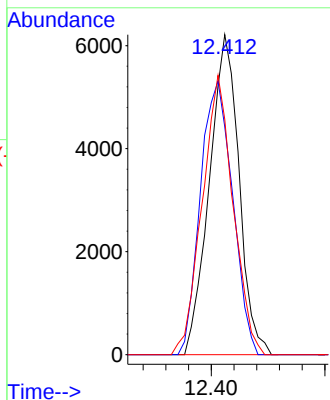
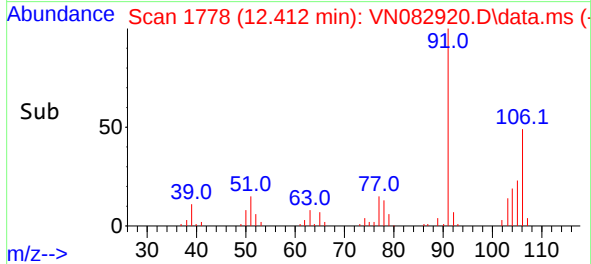


#70
Styrene
Concen: 2.886 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

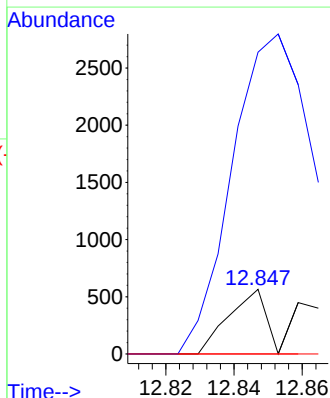
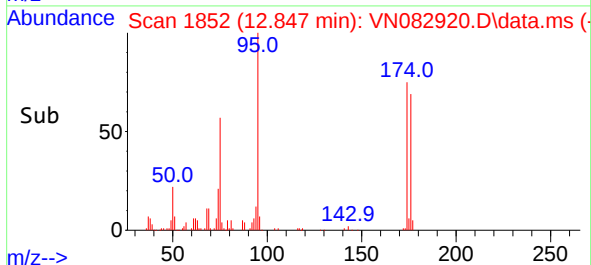
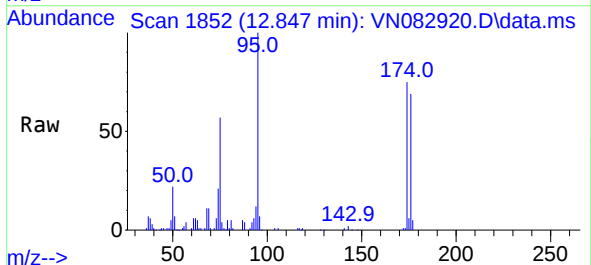


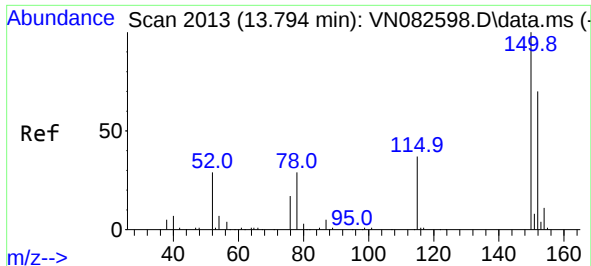
Tgt Ion:104 Resp: 11264
Ion Ratio Lower Upper
104 100
78 92.7 41.6 62.4#
103 91.2 44.0 66.0#



#71
Bromoform
Concen: 0.395 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion:173 Resp: 429
Ion Ratio Lower Upper
173 100
175 900.5 24.0 72.0#
254 0.0 0.0 0.0

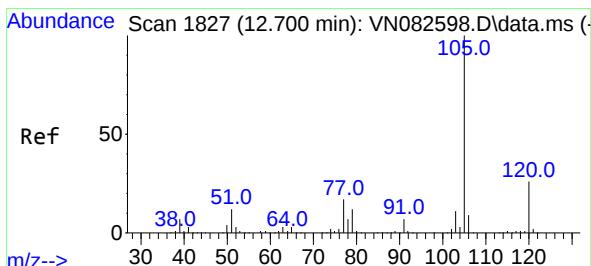
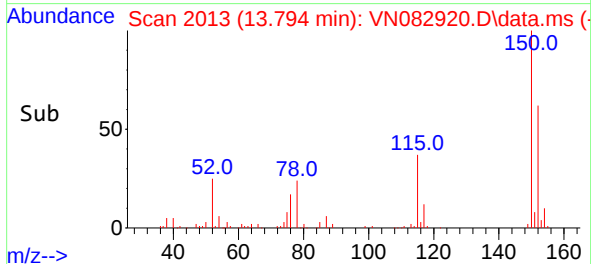
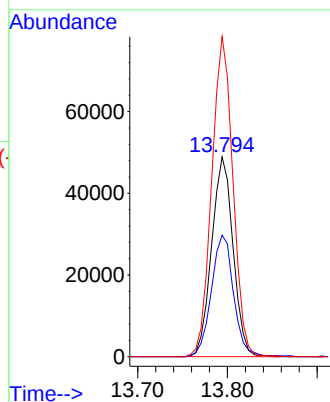
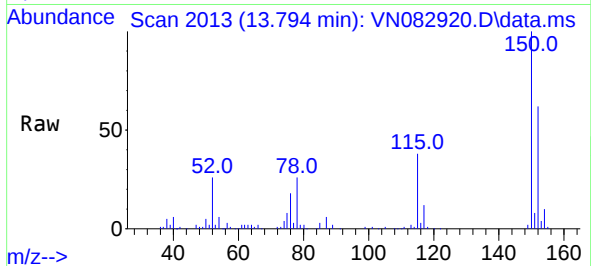




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

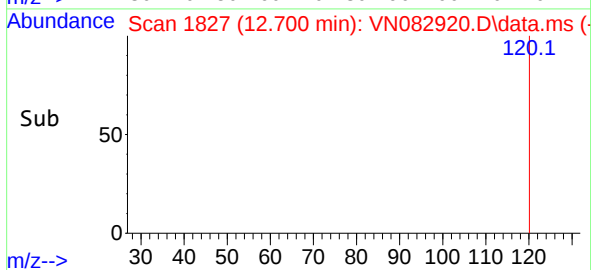
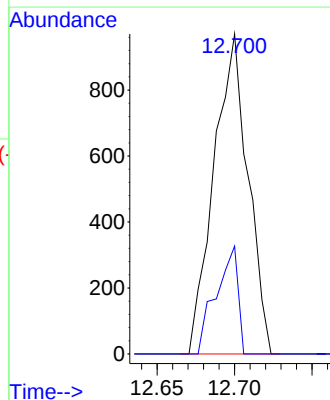
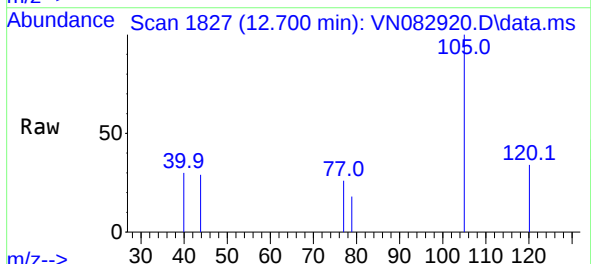
Instrument :
MSVOA_N
ClientSampleId :

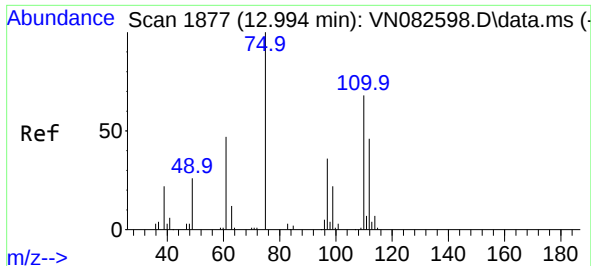
Tgt Ion:152 Resp: 81037
Ion Ratio Lower Upper
152 100
115 63.4 30.6 91.6
150 158.5 0.0 348.6



#73
Isopropylbenzene
Concen: 0.252 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

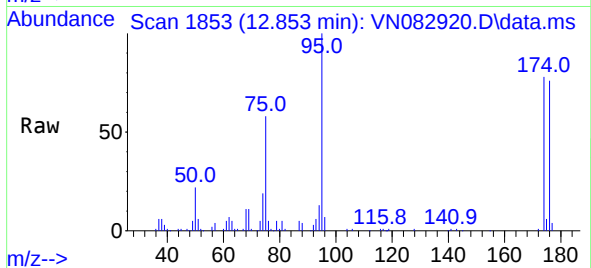
Tgt Ion:105 Resp: 1482
Ion Ratio Lower Upper
105 100
120 21.6 12.9 38.6



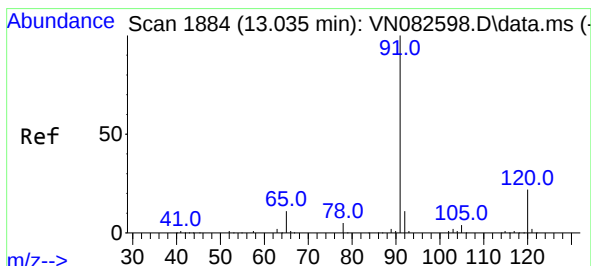
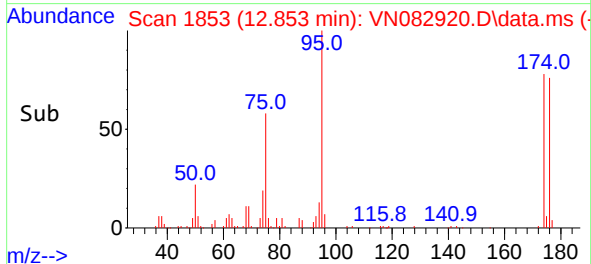
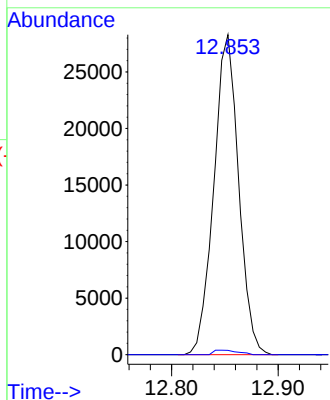


#76
1,2,3-Trichloropropane
Concen: 32.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

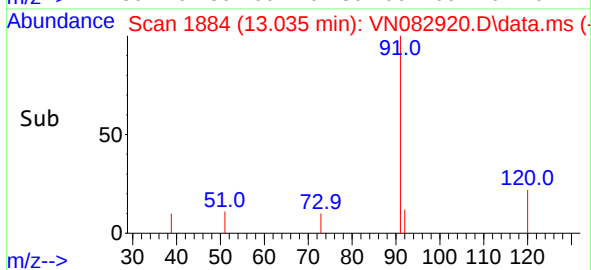
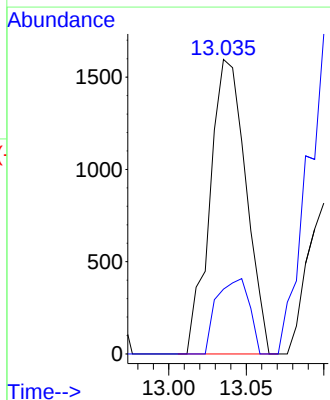
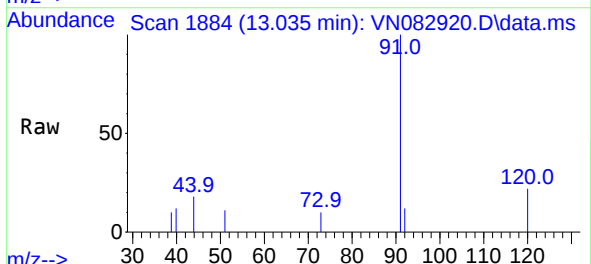


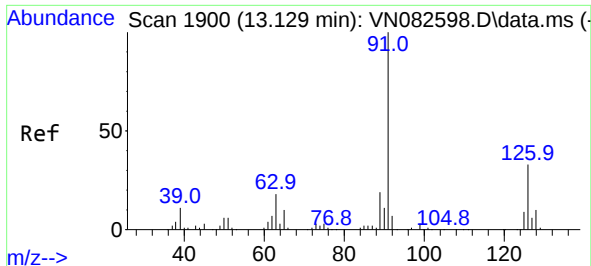
Tgt Ion: 75 Resp: 45645
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#78
n-propylbenzene
Concen: 0.381 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 91 Resp: 2580
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9

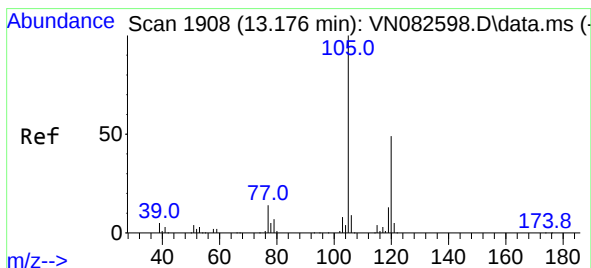
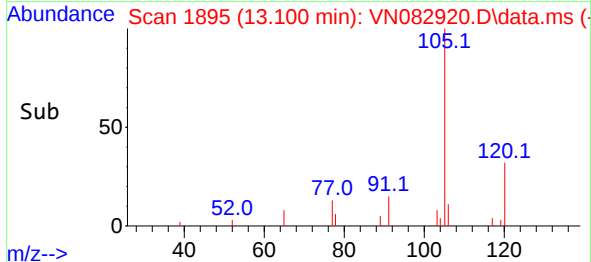
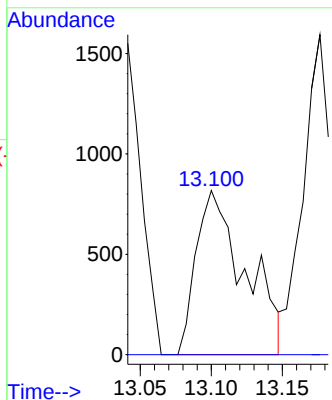
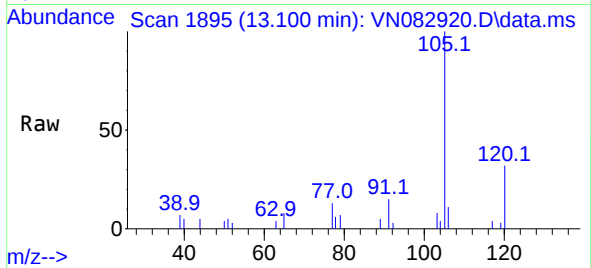




#79
2-Chlorotoluene
Concen: 0.454 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

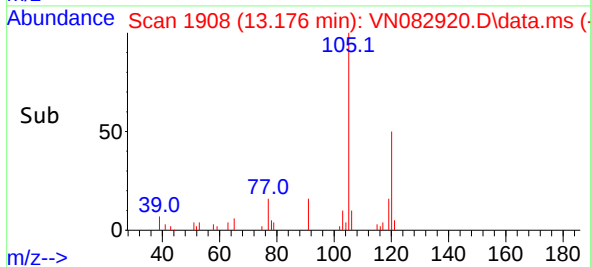
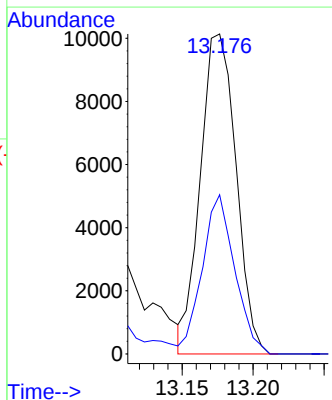
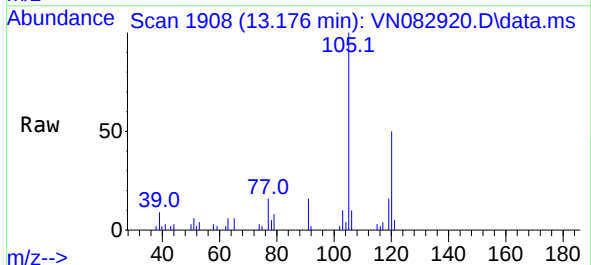
Instrument :
MSVOA_N
ClientSampleId :

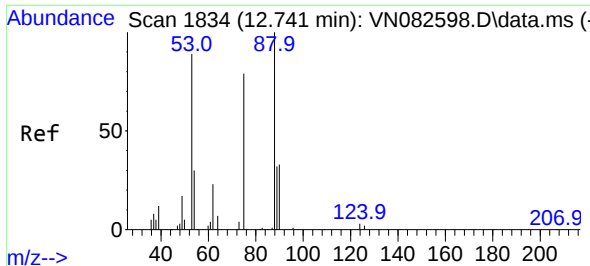
Tgt Ion: 91 Resp: 1958
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 3.718 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

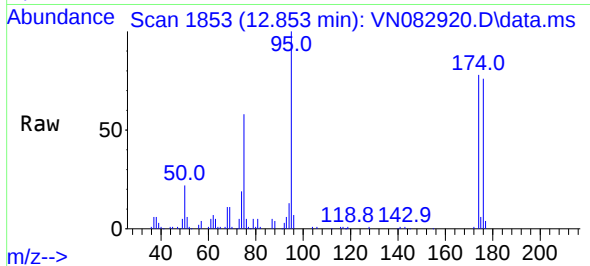
Tgt Ion:105 Resp: 17699
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.8



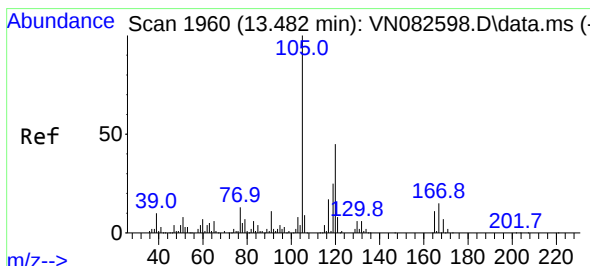
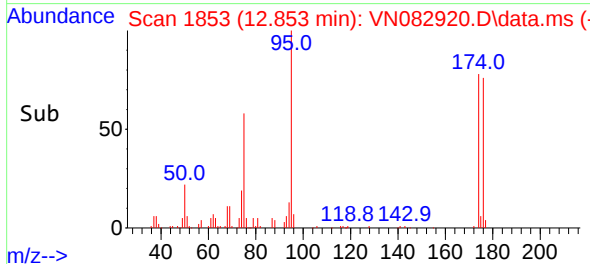
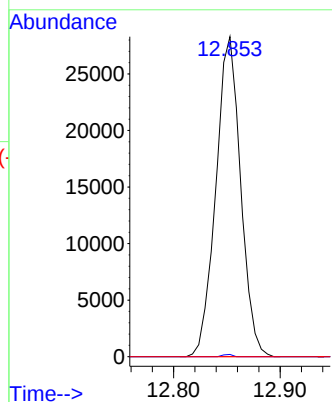


#81
trans-1,4-Dichloro-2-butene
Concen: 64.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

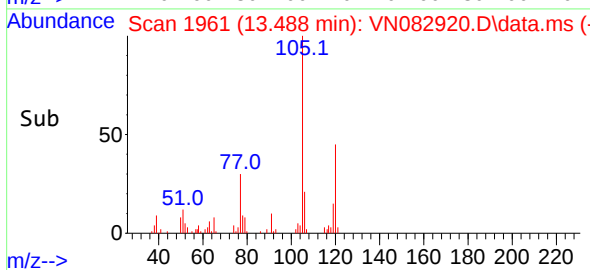
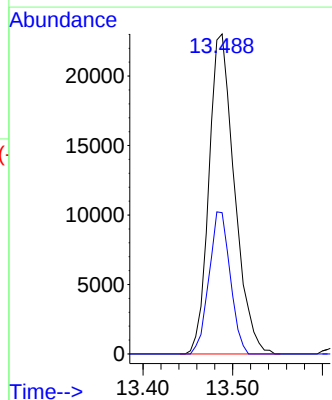
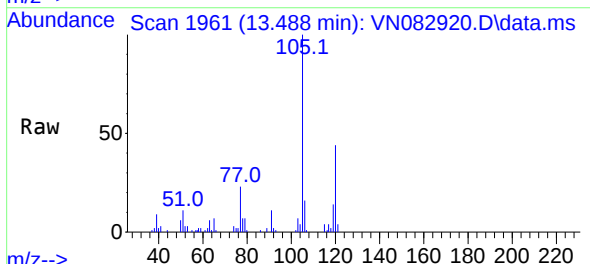


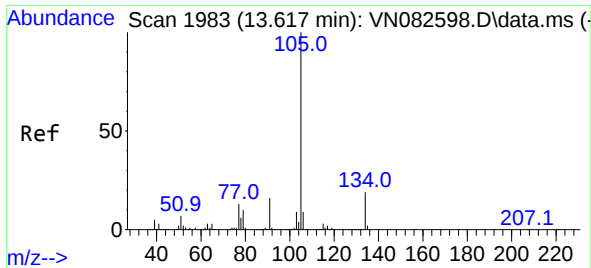
Tgt Ion: 75 Resp: 45645
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#



#84
1,2,4-Trimethylbenzene
Concen: 9.365 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 105 Resp: 45431
Ion Ratio Lower Upper
105 100
120 36.8 21.9 65.8

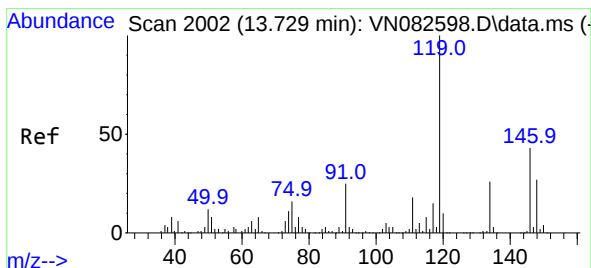
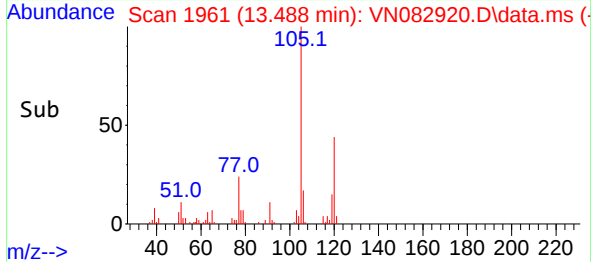
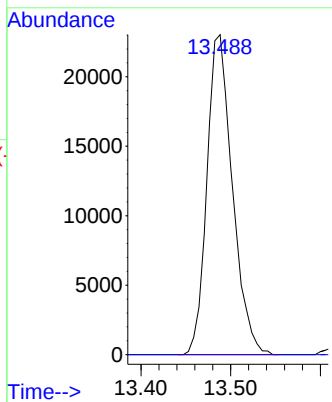
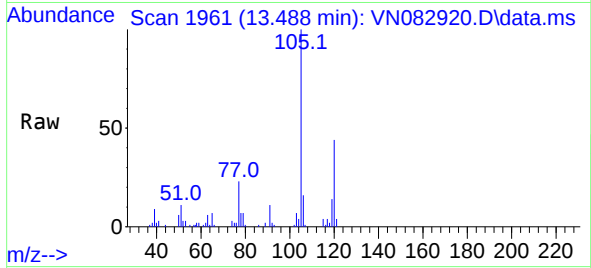




#85
sec-Butylbenzene
Concen: 7.967 ug/l
RT: 13.488 min Scan# 1999
Delta R.T. -0.129 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

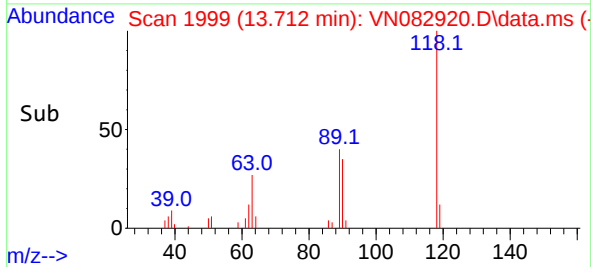
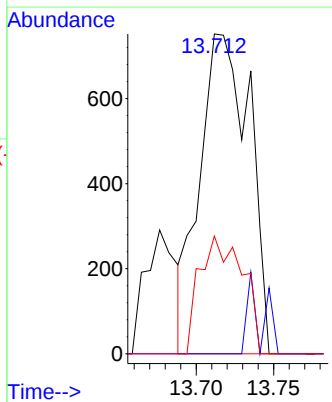
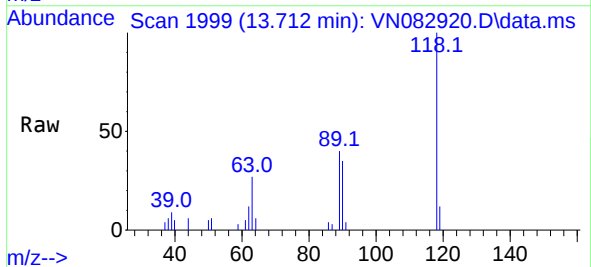
Instrument :
MSVOA_N
ClientSampleId :

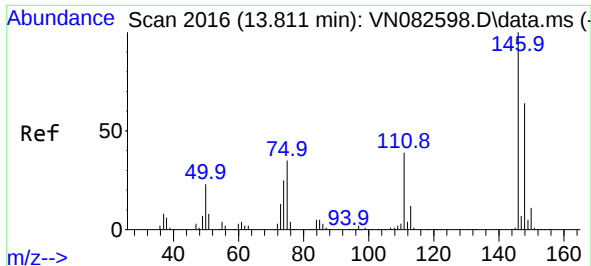
Tgt Ion:105 Resp: 45431
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 0.353 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.017 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion:119 Resp: 1679
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 31.9 12.3 36.9

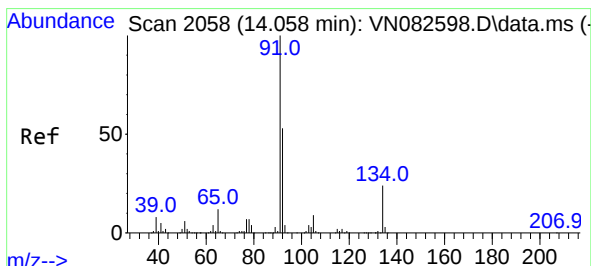
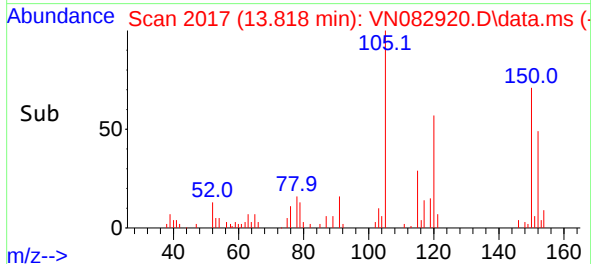
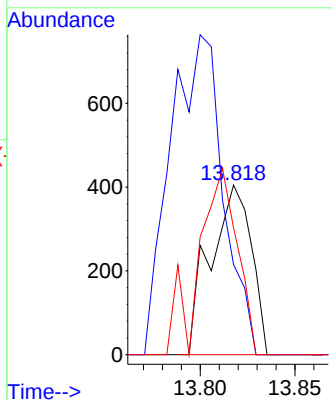
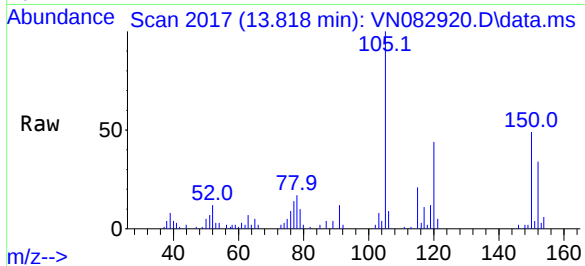




#88
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 13.818 min Scan# 2016
Delta R.T. 0.007 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

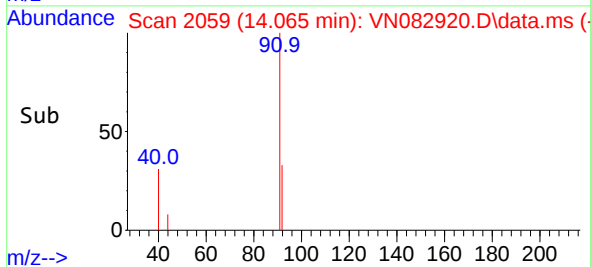
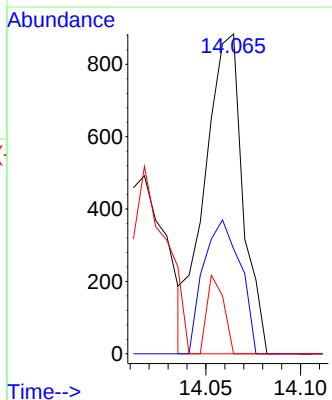
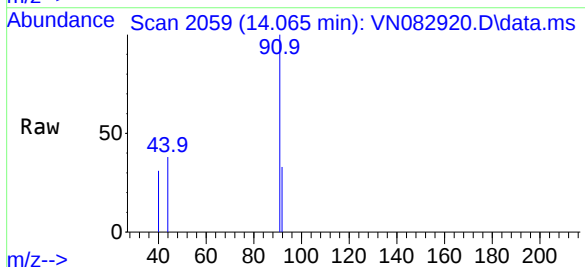
Instrument :
MSVOA_N
ClientSampleId :

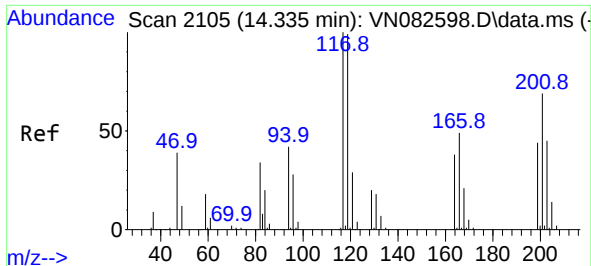
Tgt Ion:146 Resp: 608
Ion Ratio Lower Upper
146 100
111 242.9 20.1 60.3#
148 103.3 32.2 96.6#



#89
n-Butylbenzene
Concen: 0.303 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 91 Resp: 1233
Ion Ratio Lower Upper
91 100
92 40.6 26.1 78.3
134 10.8 12.1 36.3#

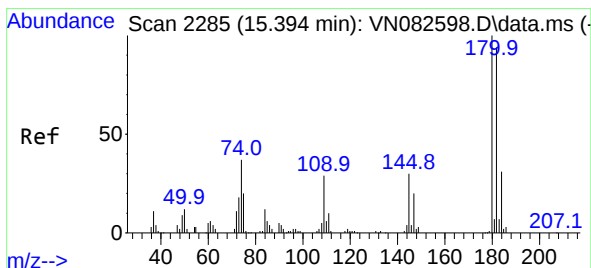
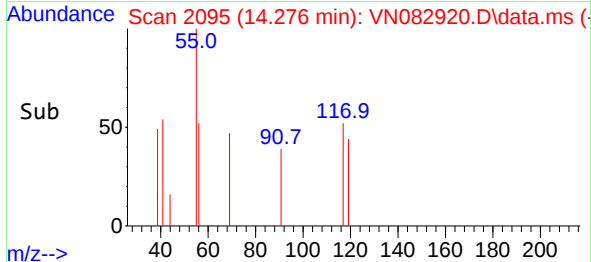
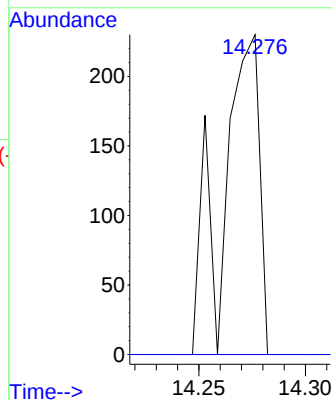
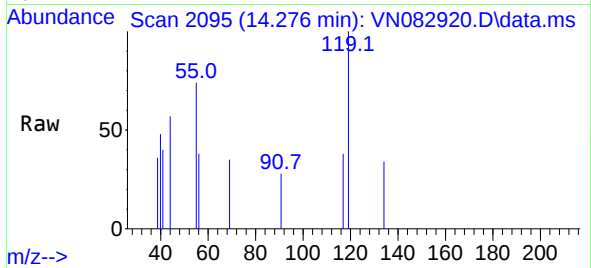




#90
Hexachloroethane
Concen: 0.274 ug/l
RT: 14.276 min Scan# 2095
Delta R.T. -0.059 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

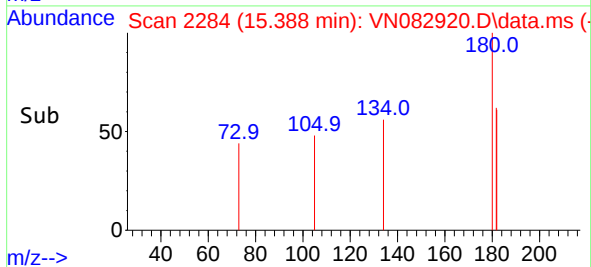
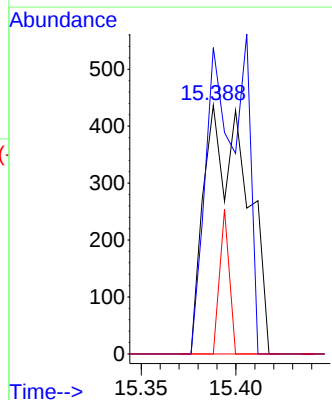
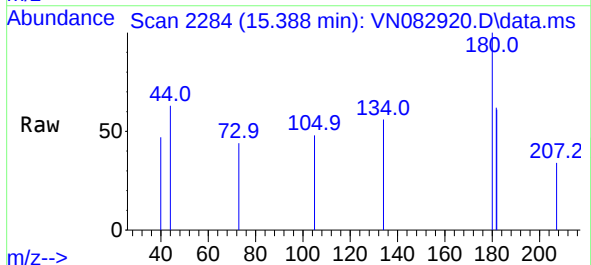
Instrument :
MSVOA_N
ClientSampleId :

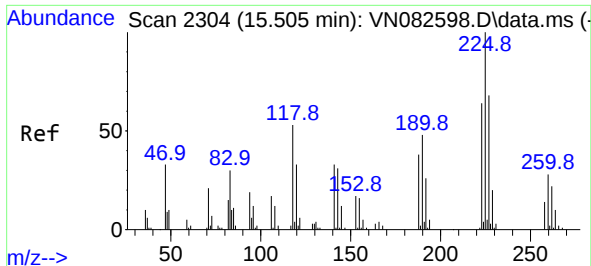
Tgt Ion:117 Resp: 276
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.474 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

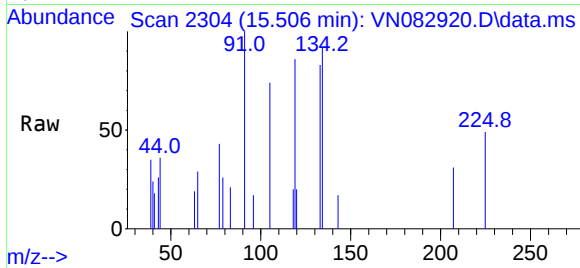
Tgt Ion:180 Resp: 681
Ion Ratio Lower Upper
180 100
182 107.2 47.3 141.8
145 13.2 15.7 47.1#



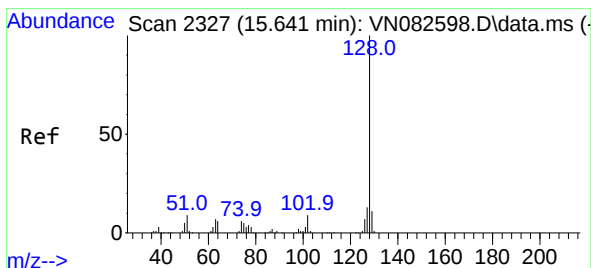
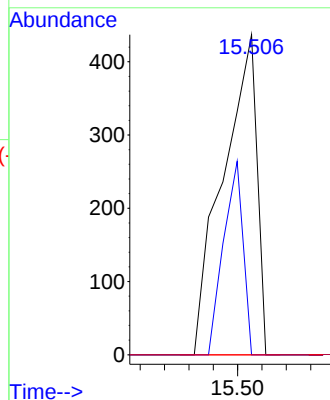
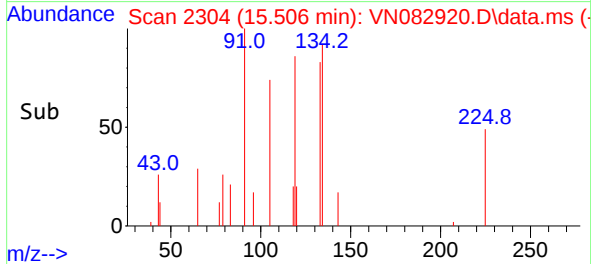


#94
Hexachlorobutadiene
Concen: 0.662 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :

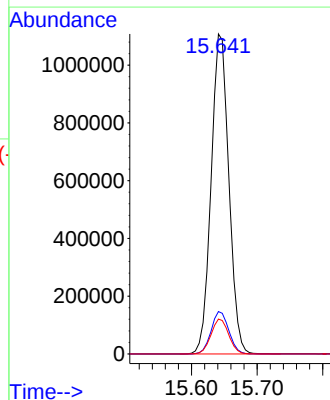
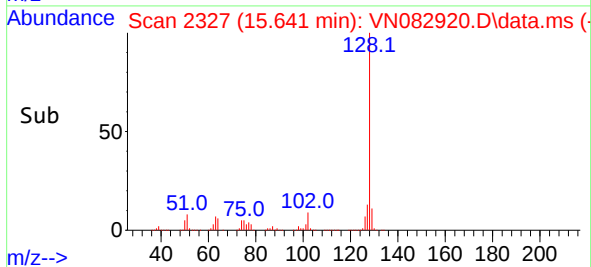
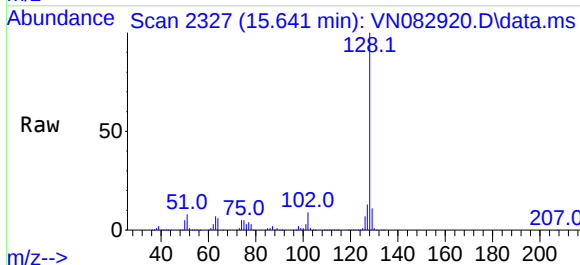


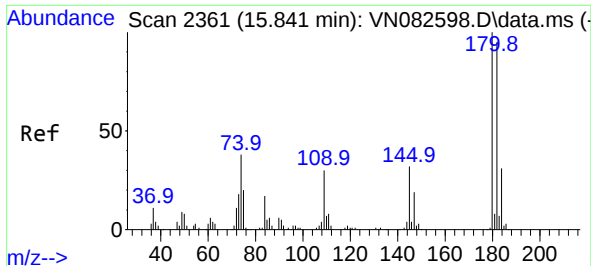
Tgt Ion:225 Resp: 421
Ion Ratio Lower Upper
225 100
223 34.9 31.9 95.7
227 0.0 32.5 97.5#



#95
Naphthalene
Concen: 422.362 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion:128 Resp: 2076240
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.357 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

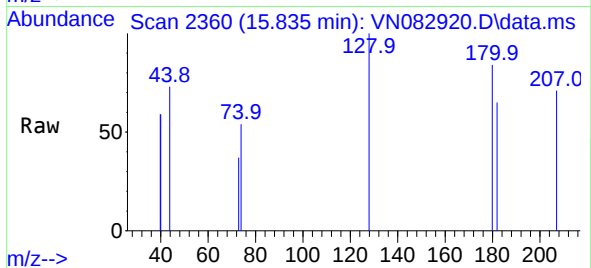
Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 527

Ion Ratio Lower Upper

180 100

182 138.7 48.9 146.8

145 10.8 16.8 50.4#

