

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086321.D
 Acq On : 17 Apr 2025 14:54
 Operator : JC\MD
 Sample : Q1824-01 20X
 Misc : 1.14g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 01:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	205645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	396502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	375424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146964	49.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.560%
35) Dibromofluoromethane	8.165	113	98716	53.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.280%
50) Toluene-d8	10.565	98	514759	52.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.847	95	201844	56.267	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.540%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	2376	0.671	ug/l #	88
5) Bromomethane	2.959	94	887	0.583	ug/l #	28
10) Methyl Iodide	4.583	142	606	0.243	ug/l #	42
13) Acrolein	4.136	56	2309	Below Cal	#	1
14) Allyl chloride	5.153	41	3170	0.737	ug/l #	52
15) Acrylonitrile	5.800	53	2068	1.538	ug/l #	26
16) Acetone	4.430	43	41069	34.924	ug/l	93
18) Methyl Acetate	5.030	43	1046	0.292	ug/l #	62
25) 2-Butanone	7.489	43	1857	1.000	ug/l #	48
30) Chloroform	7.936	83	1504	0.310	ug/l #	18
31) Cyclohexane	8.253	56	65166	13.485	ug/l #	94
36) 1,1-Dichloropropene	8.218	75	17655	4.803	ug/l #	49
37) Ethyl Acetate	7.571	43	1905	0.492	ug/l #	68
38) Carbon Tetrachloride	8.218	117	21476	6.135	ug/l #	16
39) Methylcyclohexane	9.594	83	86377	19.772	ug/l	97
40) Benzene	8.606	78	124160	10.543	ug/l	99
41) Methacrylonitrile	7.824	41	620	0.276	ug/l #	23
43) Isopropyl Acetate	8.700	43	17590	0.693	ug/l #	55
45) 1,2-Dichloropropane	9.600	63	777	0.270	ug/l #	1
47) Bromodichloromethane	9.853	83	2336	0.589	ug/l #	55
48) Methyl methacrylate	9.724	41	5557	1.635	ug/l #	28
51) 4-Methyl-2-Pentanone	10.494	43	10147	2.561	ug/l #	78
52) Toluene	10.630	92	736491	100.229	ug/l	100
53) t-1,3-Dichloropropene	10.630	75	8384	1.893	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	41374	15.650	ug/l #	26
56) Ethyl methacrylate	10.859	69	5148	1.059	ug/l #	26
58) 2-Chloroethyl Vinyl ether	10.165	63	628	0.272	ug/l #	47
59) 2-Hexanone	11.171	43	45039	15.324	ug/l #	28
67) Ethyl Benzene	11.959	91	512876	33.923	ug/l	100
68) m/p-Xylenes	12.065	106	698644	123.328	ug/l	99
69) o-Xylene	12.394	106	288850	51.560	ug/l	99
70) Styrene	12.394	104	14994	1.606	ug/l #	1
73) Isopropylbenzene	12.694	105	95229	6.366	ug/l	99
74) N-amyl acetate	12.476	43	84264	11.316	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.929	83	6696	1.557	ug/l #	25
76) 1,2,3-Trichloropropane	13.094	75	7794	1.806	ug/l #	1

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

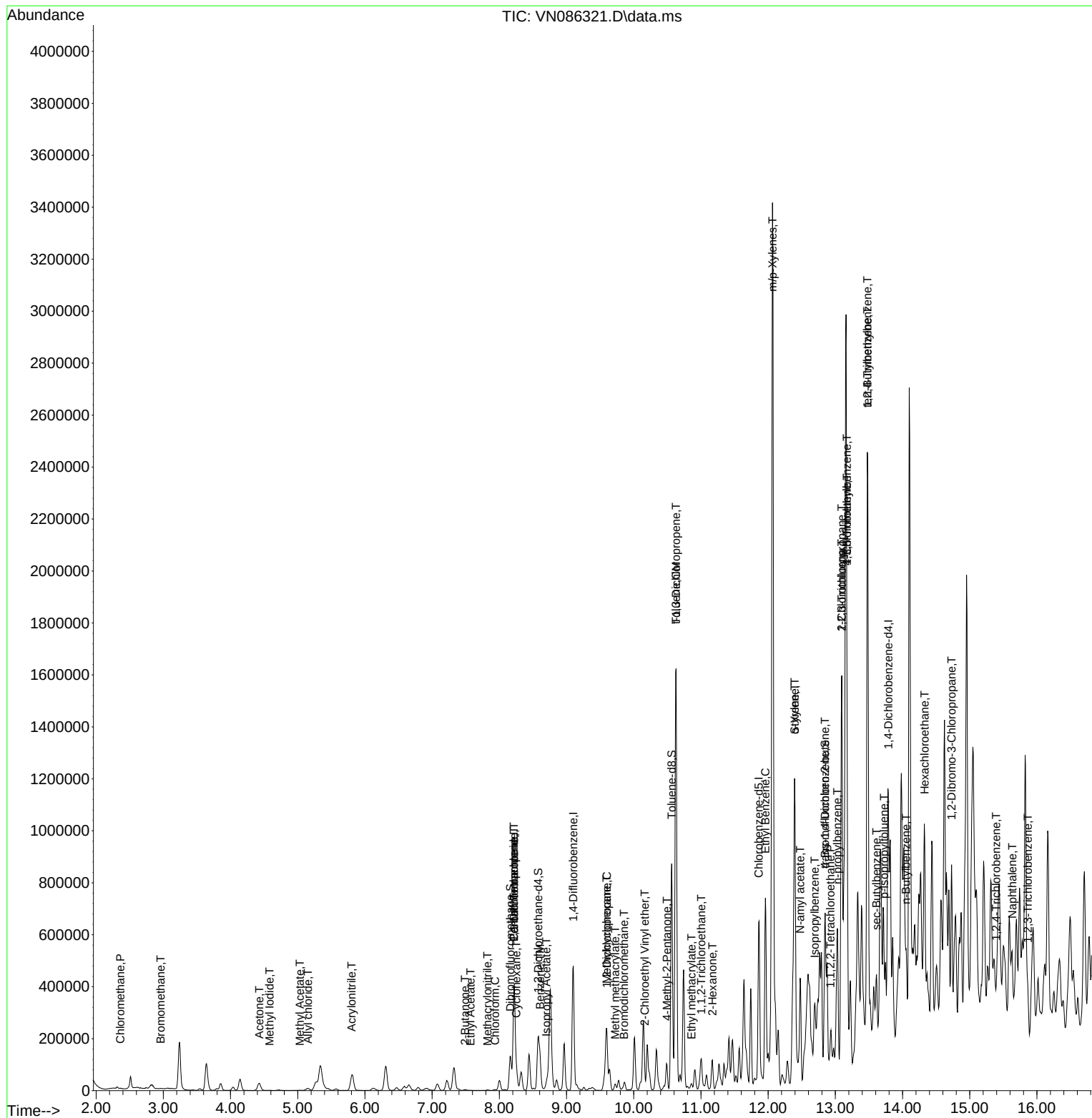
78) n-propylbenzene	13.029	91	345062	19.577	ug/l	100
79) 2-Chlorotoluene	13.094	91	103814	9.412	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	345712	28.238	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	98298	54.709	ug/l #	10
82) 4-Chlorotoluene	13.171	91	37153	3.391	ug/l #	52
83) tert-Butylbenzene	13.476	119	163452	15.408	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.476	105	1335080	107.133	ug/l	99
85) sec-Butylbenzene	13.612	105	114777	7.801	ug/l	83
86) p-Isopropyltoluene	13.723	119	64143	5.289	ug/l	100
89) n-Butylbenzene	14.053	91	167963	15.624	ug/l #	81
90) Hexachloroethane	14.329	117	30651	15.025	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1714	1.976	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.394	180	637	0.220	ug/l #	1
95) Naphthalene	15.635	128	150575	14.685	ug/l	98
96) 1,2,3-Trichlorobenzene	15.864	180	3672	1.341	ug/l #	12

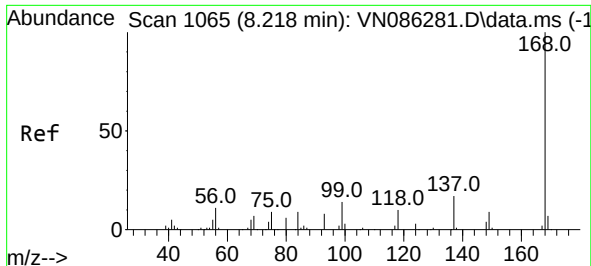
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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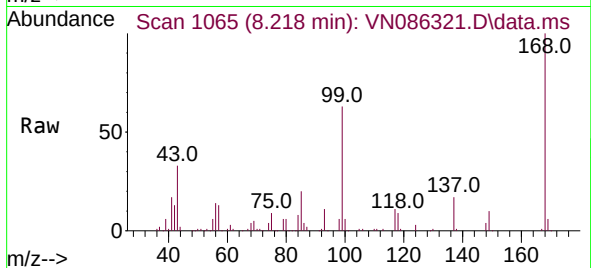
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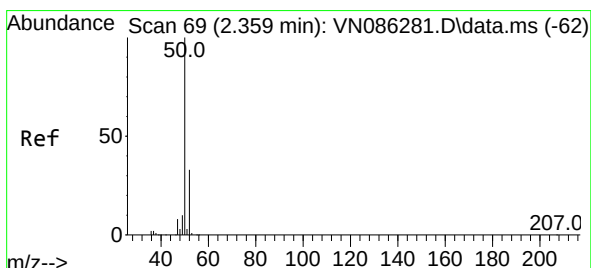
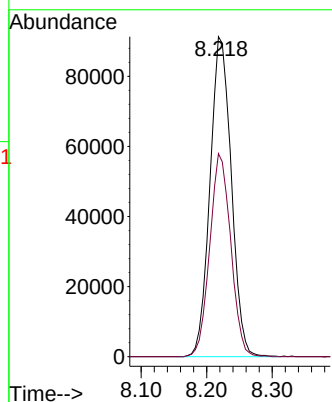
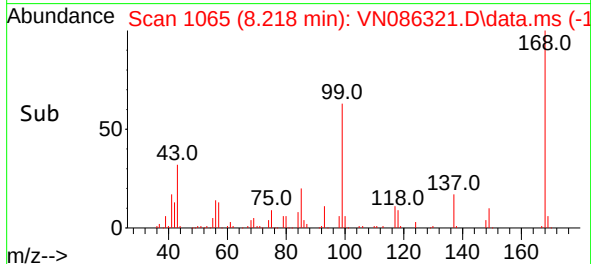


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

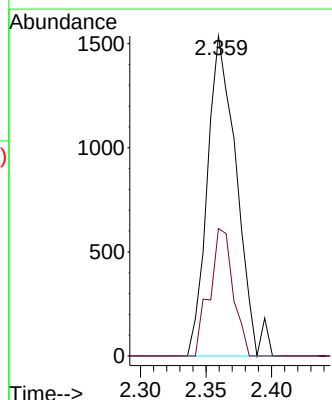
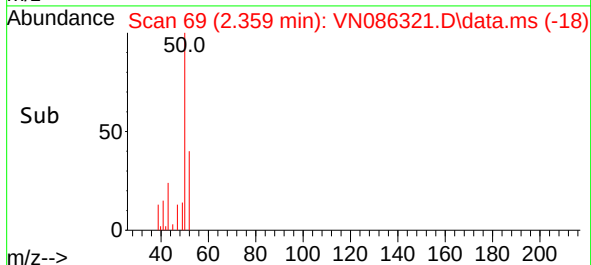
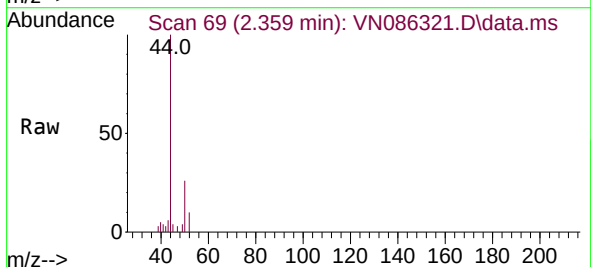


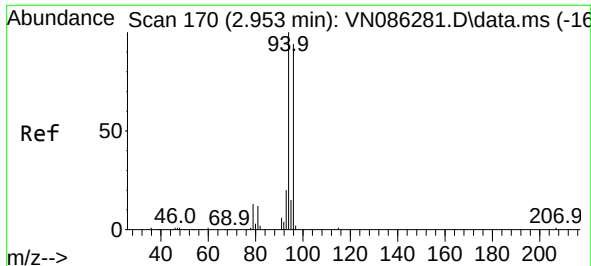
Tgt Ion:168 Resp: 205645
Ion Ratio Lower Upper
168 100
99 63.5 52.5 78.7



#3
Chloromethane
Concen: 0.671 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 50 Resp: 2376
Ion Ratio Lower Upper
50 100
52 39.8 26.5 39.7#

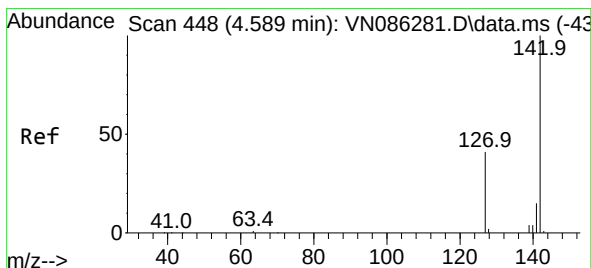
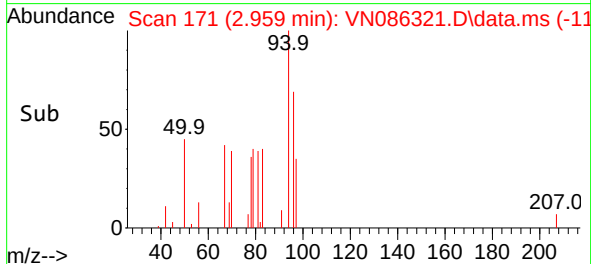
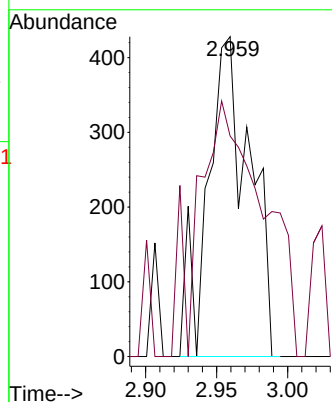
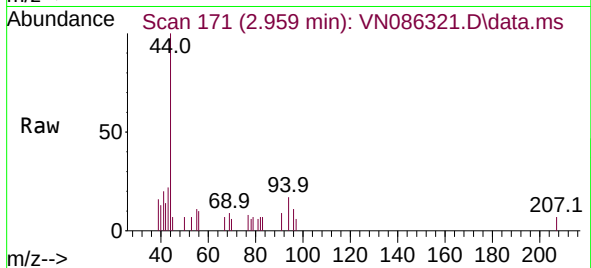




#5
Bromomethane
Concen: 0.583 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

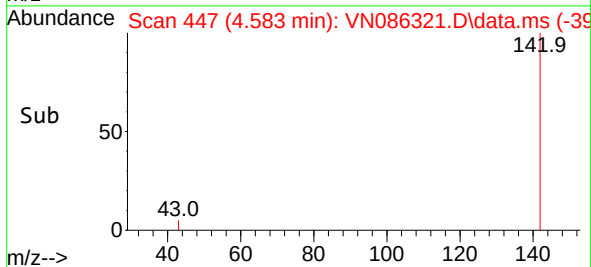
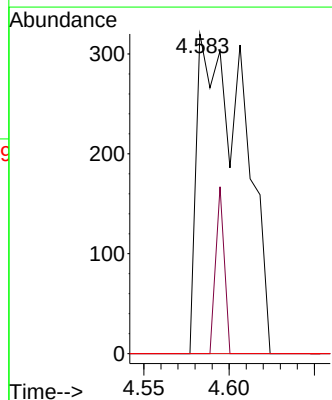
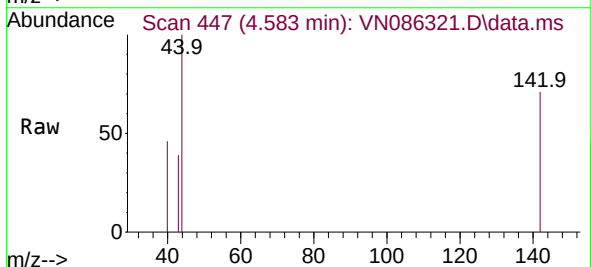
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MSVOA_N
ClientSampleId :

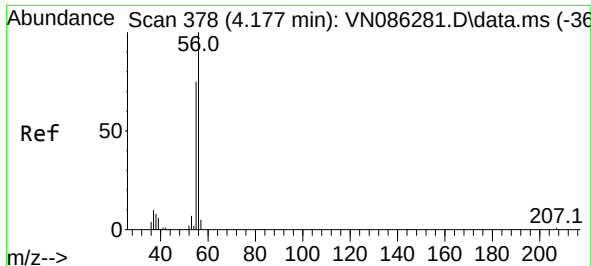
Tgt Ion: 94 Resp: 887
Ion Ratio Lower Upper
94 100
96 24.1 75.2 112.8#



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

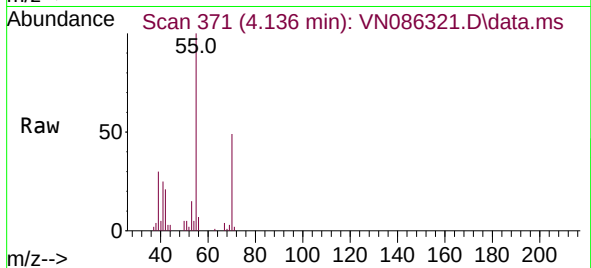
Tgt Ion:142 Resp: 606
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.7 17.5#



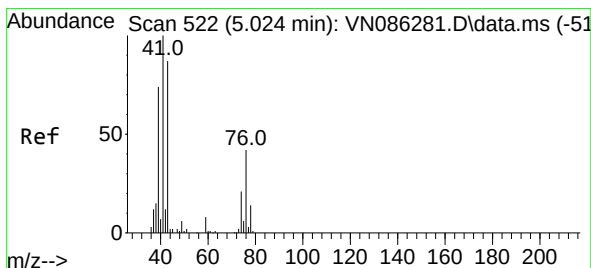
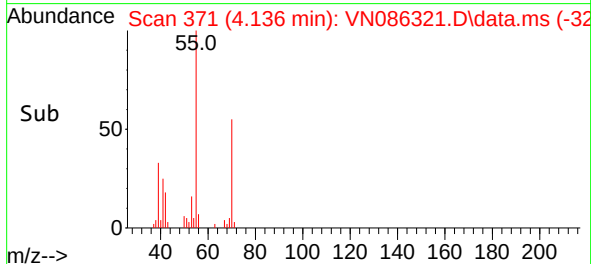
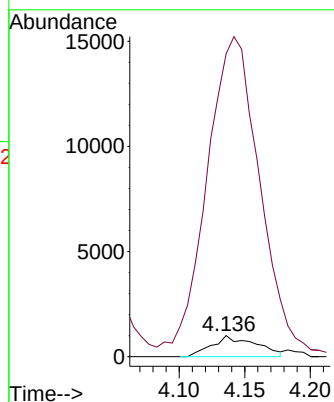


#13
Acrolein
Concen: Below Cal
RT: 4.136 min Scan# 31
Delta R.T. -0.041 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

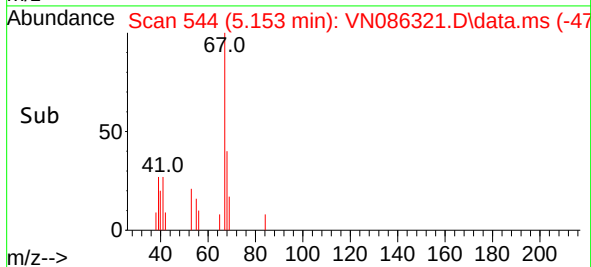
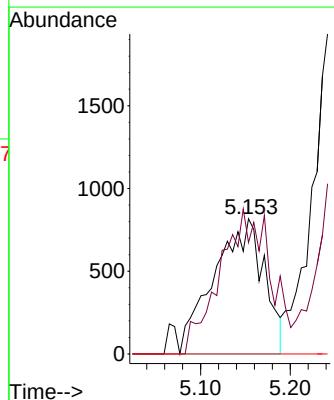
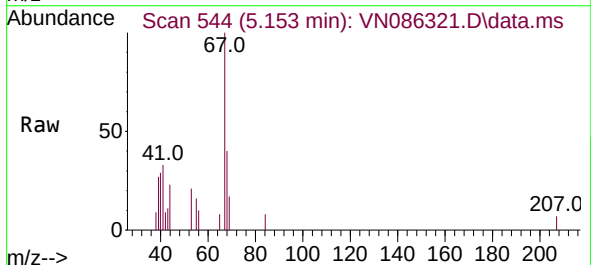


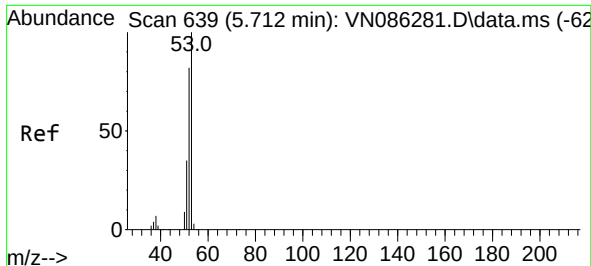
Tgt Ion: 56 Resp: 2309
Ion Ratio Lower Upper
56 100
55 1827.5 58.5 87.7#



#14
Allyl chloride
Concen: 0.737 ug/l
RT: 5.153 min Scan# 544
Delta R.T. 0.129 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

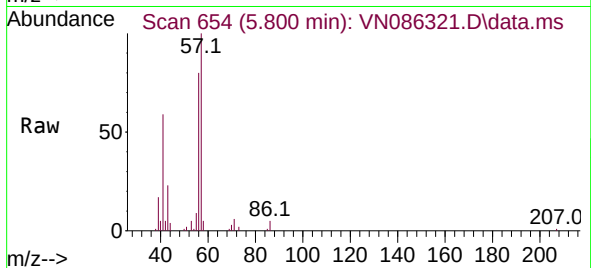
Tgt Ion: 41 Resp: 3170
Ion Ratio Lower Upper
41 100
39 107.4 59.2 88.8#
76 0.0 31.2 46.8#



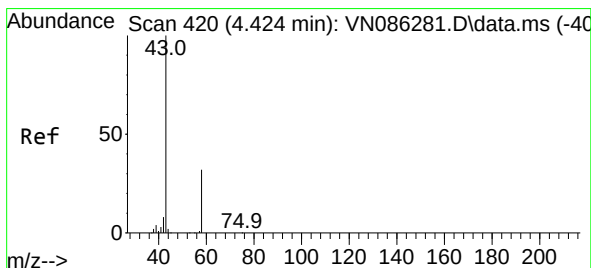
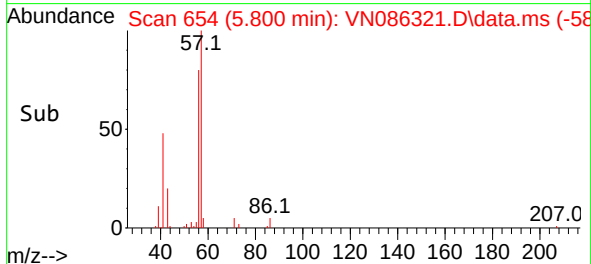
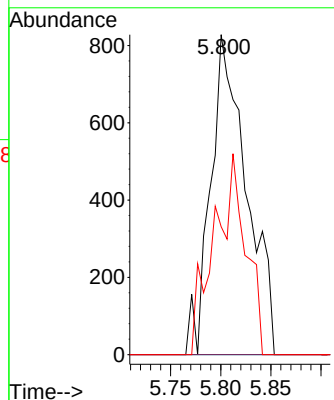


#15
Acrylonitrile
Concen: 1.538 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
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ClientSampleId :

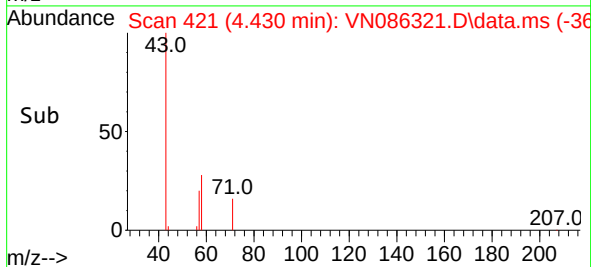
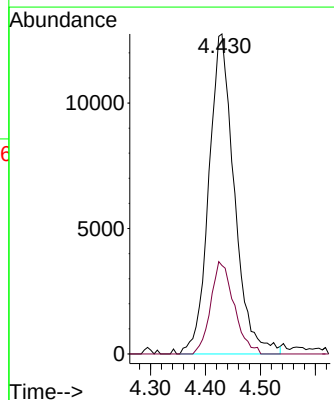
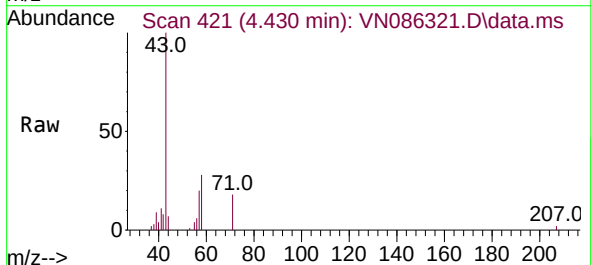


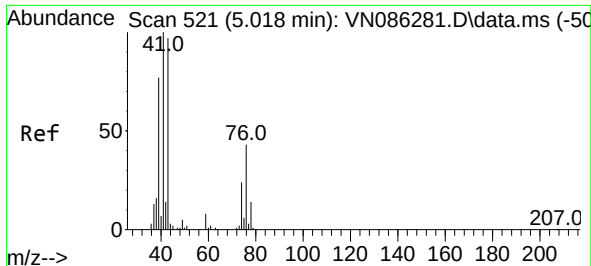
Tgt Ion: 53 Resp: 2068
Ion Ratio Lower Upper
53 100
52 0.0 65.5 98.3#
51 55.4 28.6 42.8#



#16
Acetone
Concen: 34.924 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

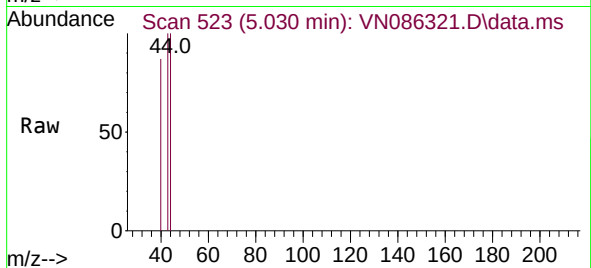
Tgt Ion: 43 Resp: 41069
Ion Ratio Lower Upper
43 100
58 27.6 25.3 37.9



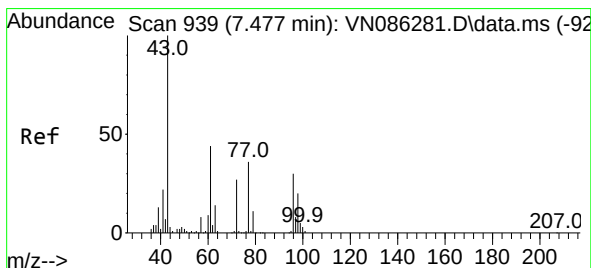
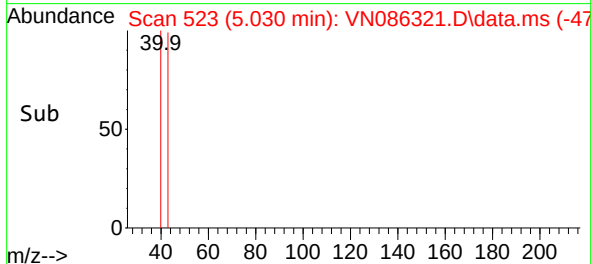
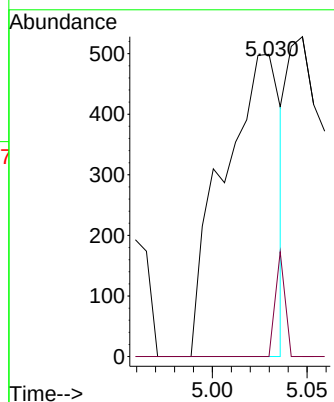


#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
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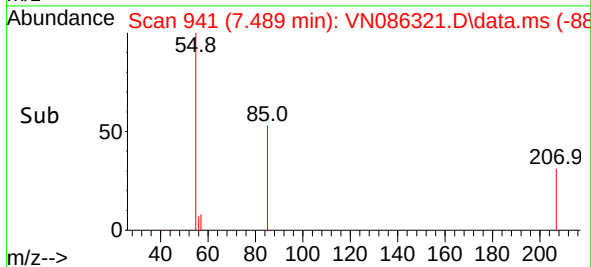
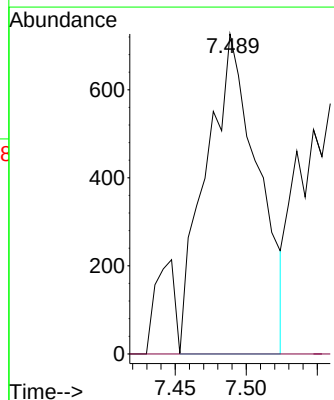
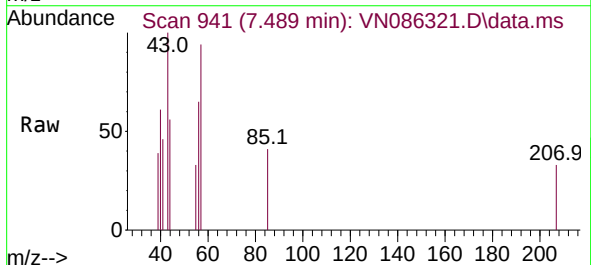


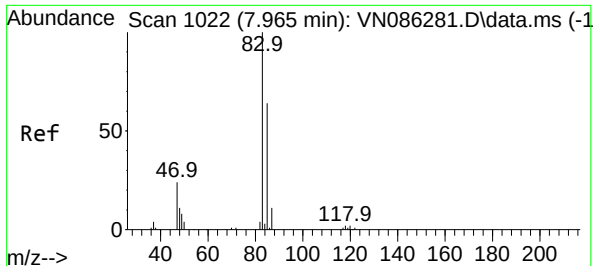
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 5.8 19.8 29.6#



#25
2-Butanone
Concen: 1.000 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#30

Chloroform

Concen: 0.310 ug/l

RT: 7.936 min Scan# 1017

Delta R.T. -0.029 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

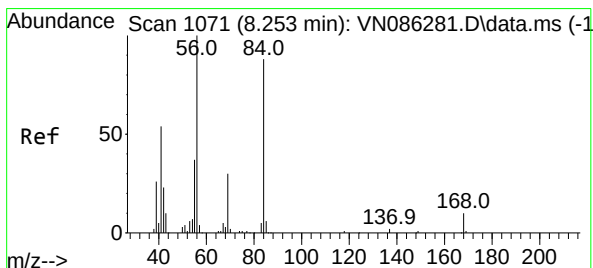
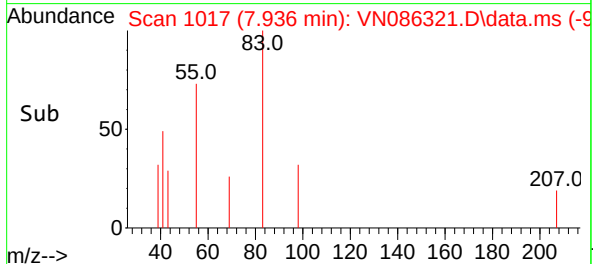
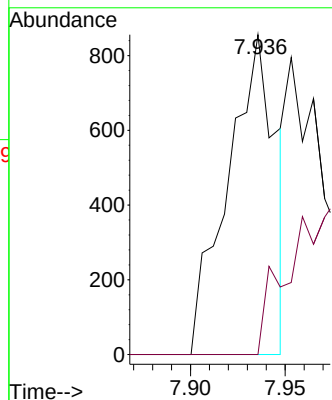
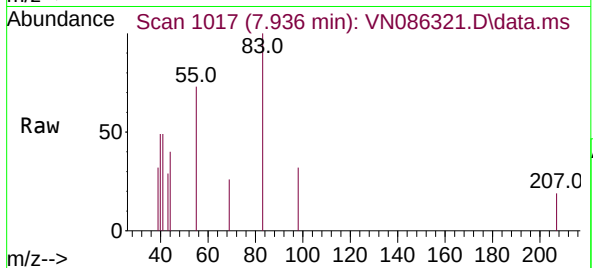
ClientSampleId :

Tgt Ion: 83 Resp: 1504

Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 13.485 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086321.D

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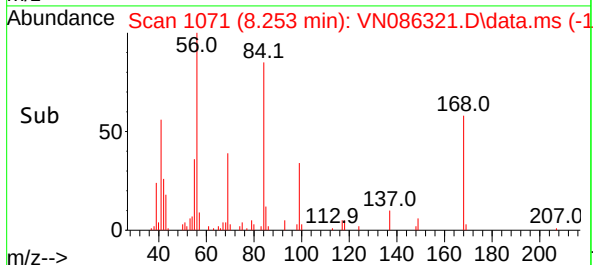
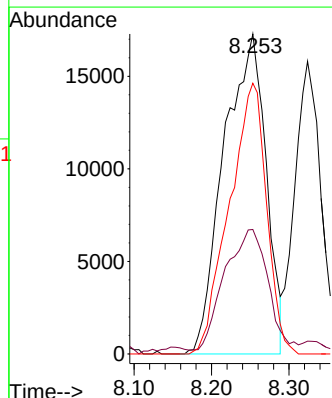
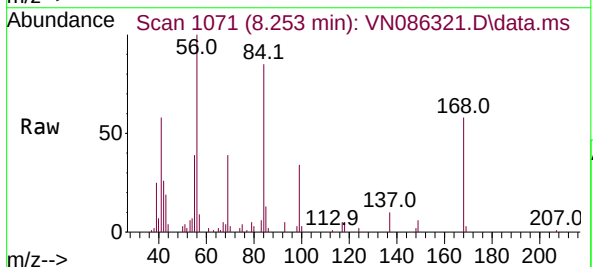
Tgt Ion: 56 Resp: 65166

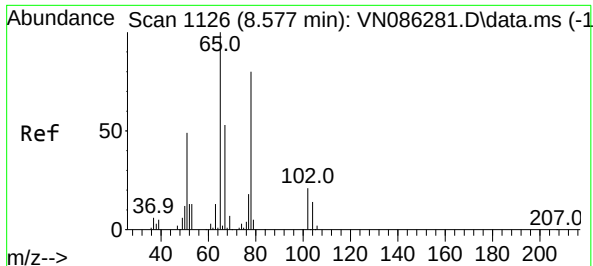
Ion Ratio Lower Upper

56 100

69 37.0 24.2 36.2#

84 84.6 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

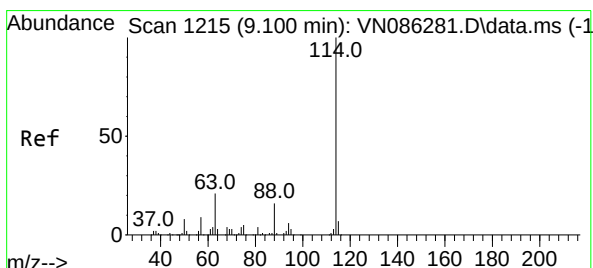
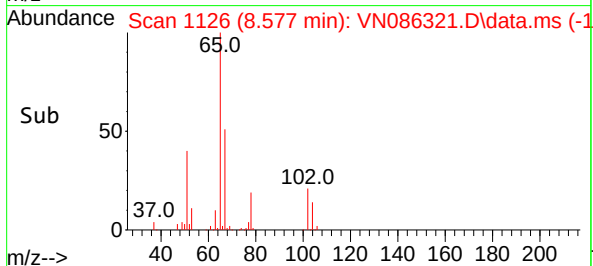
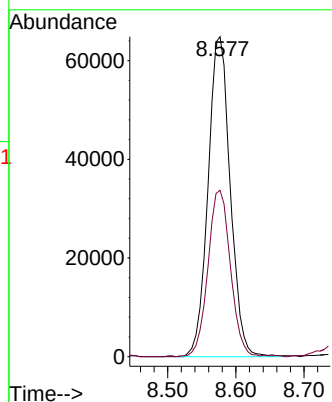
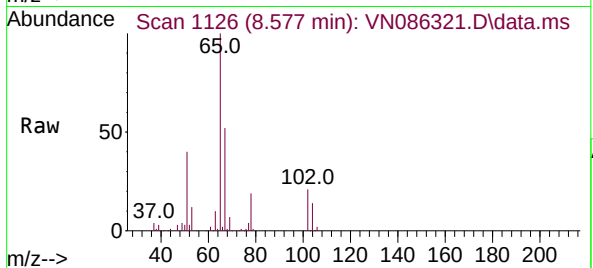
ClientSampleId :

Tgt Ion: 65 Resp: 146964

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

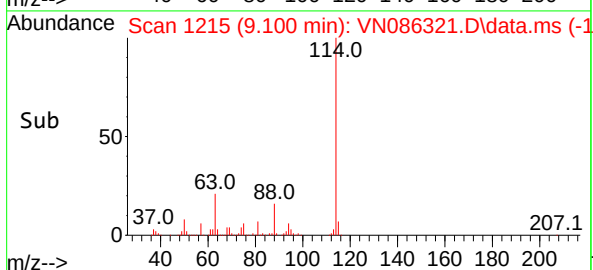
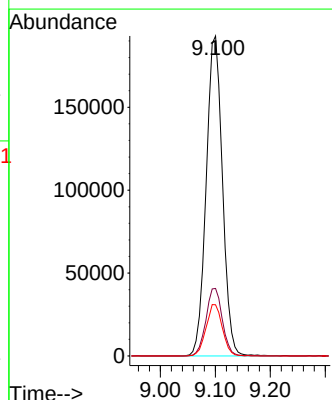
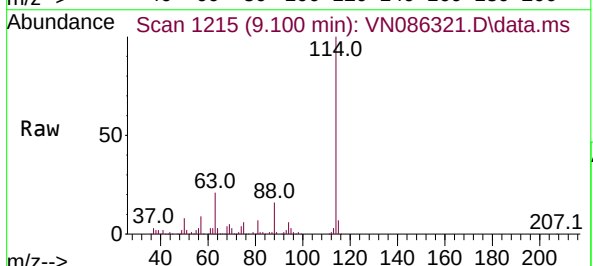
Tgt Ion: 114 Resp: 396502

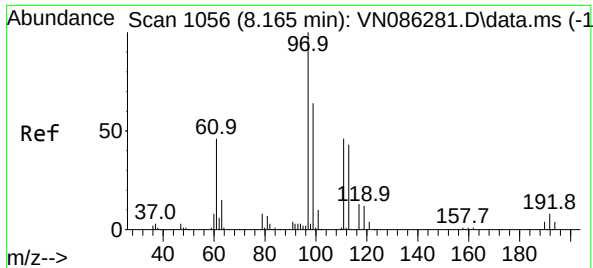
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

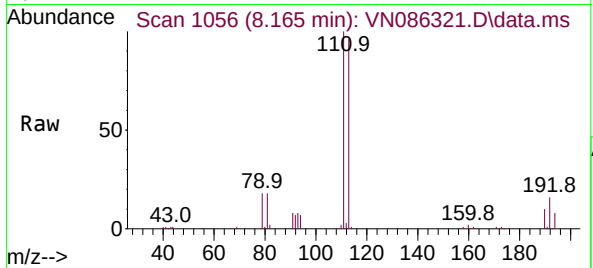
88 16.0 0.0 31.8



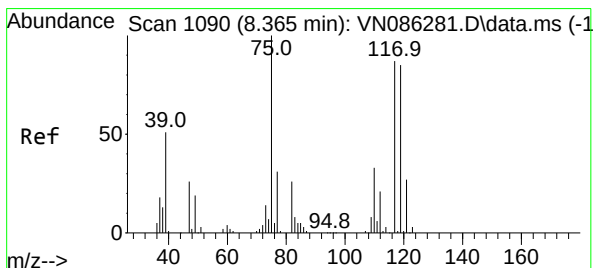
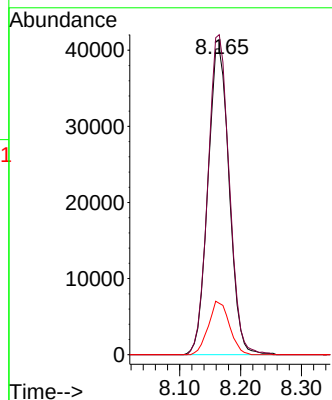
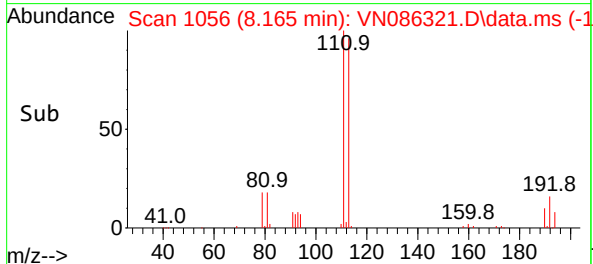


#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

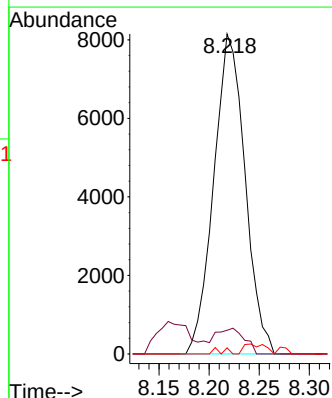
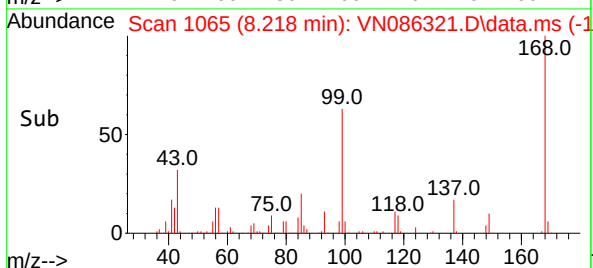
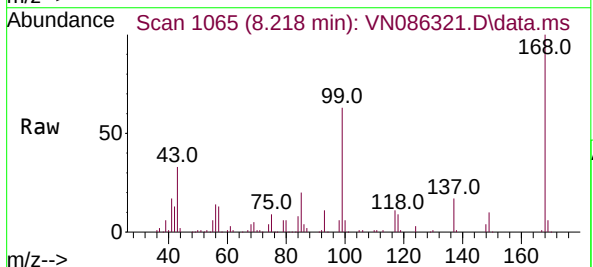


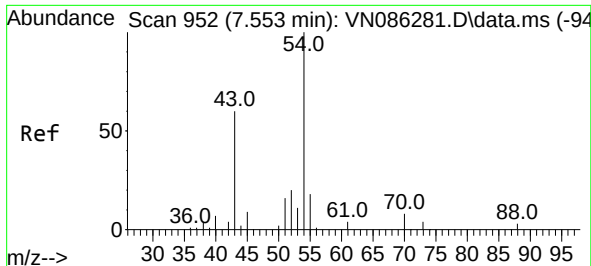
Tgt Ion:113 Resp: 98716
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 17.1 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 75 Resp: 17655
Ion Ratio Lower Upper
75 100
110 7.1 16.8 50.4#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.492 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.018 min

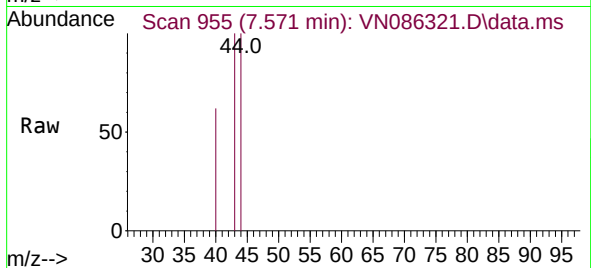
Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

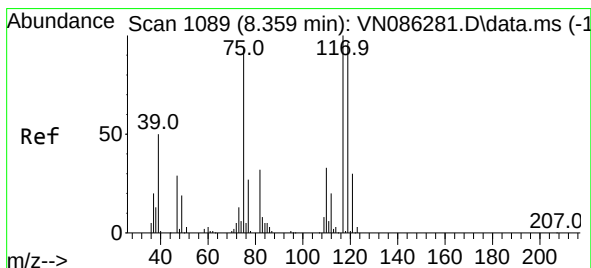
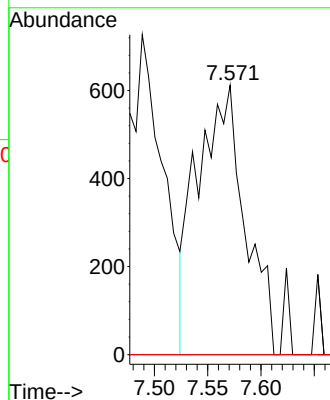
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1905
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	9.2	13.8#



#38

Carbon Tetrachloride

Concen: 6.135 ug/l

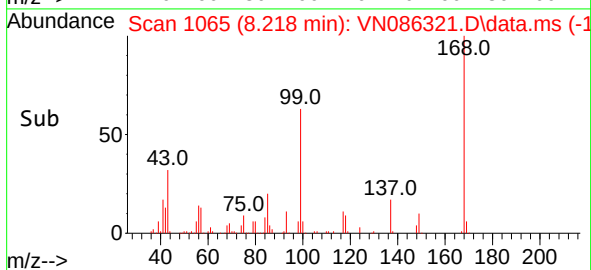
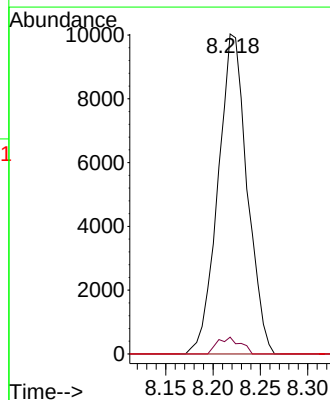
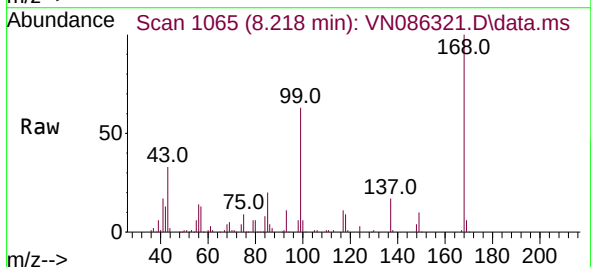
RT: 8.218 min Scan# 1065

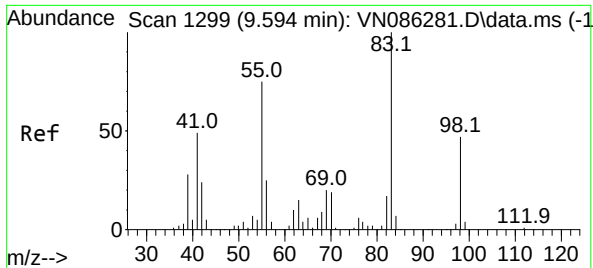
Delta R.T. -0.141 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Tgt Ion:	117	Resp:	21476
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	23.8	35.8#





#39

Methylcyclohexane

Concen: 19.772 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

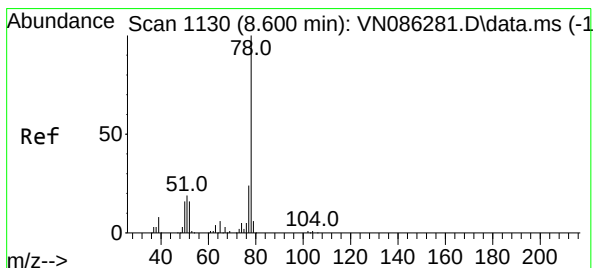
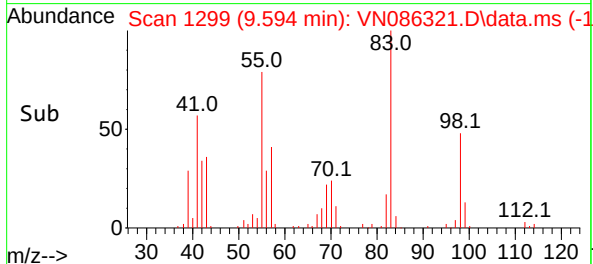
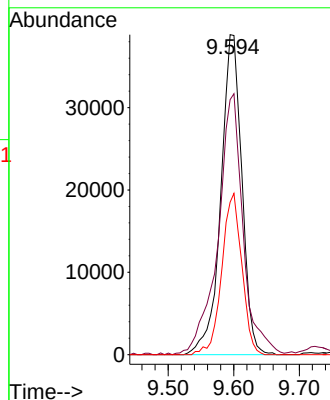
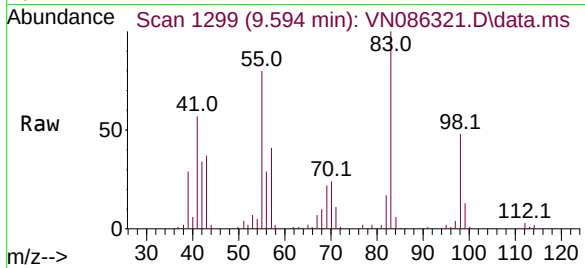
Tgt Ion: 83 Resp: 86377

Ion Ratio Lower Upper

83 100

55 79.1 59.8 89.8

98 47.6 37.9 56.9



#40

Benzene

Concen: 10.543 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086321.D

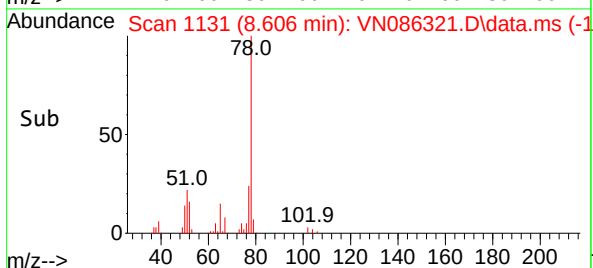
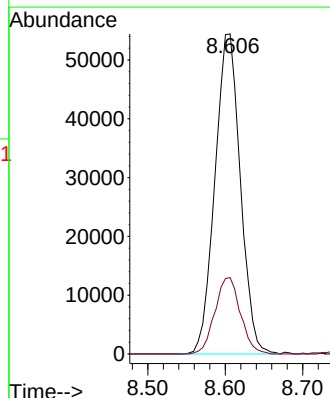
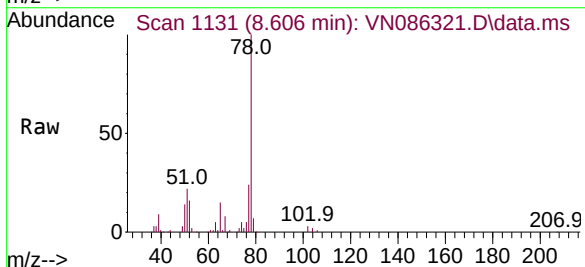
Acq: 17 Apr 2025 14:54

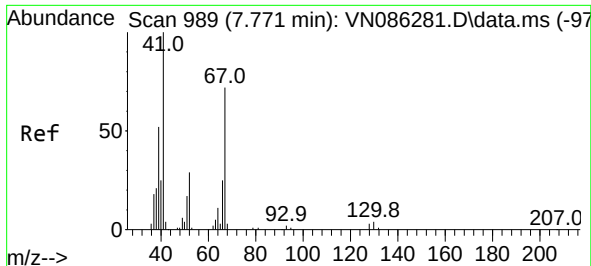
Tgt Ion: 78 Resp: 124160

Ion Ratio Lower Upper

78 100

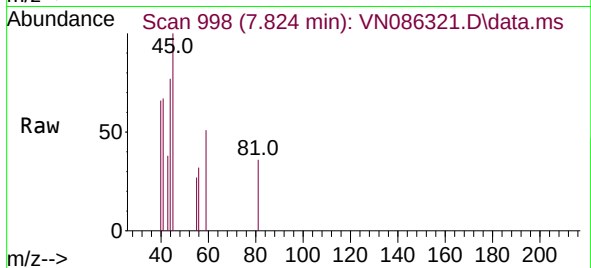
77 23.9 19.4 29.2



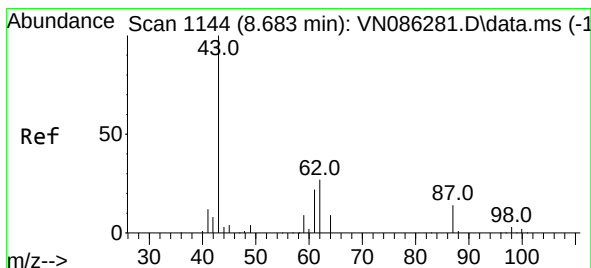
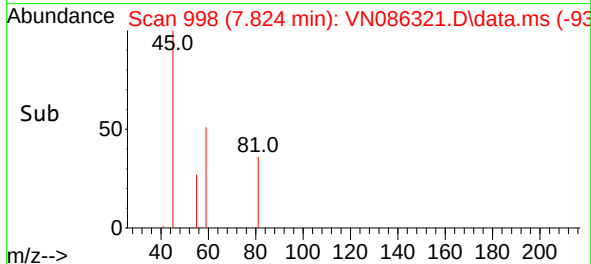
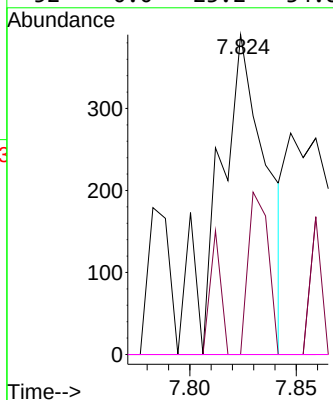


#41
Methacrylonitrile
Concen: 0.276 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

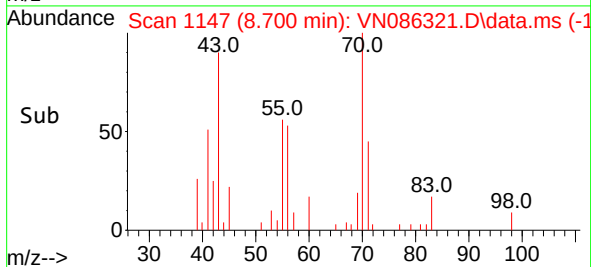
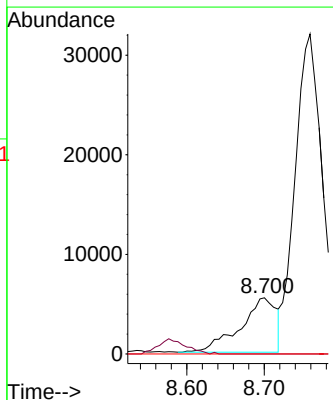
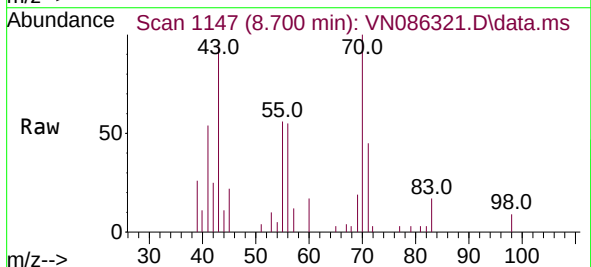


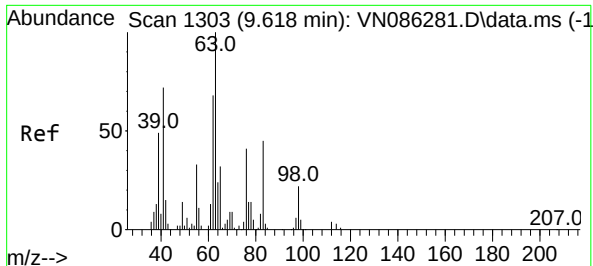
Tgt Ion:	41	Resp:	620
Ion Ratio	100	Lower	Upper
39	0.0	43.0	64.4#
67	0.0	58.8	88.2#
52	0.0	23.2	34.8#



#43
Isopropyl Acetate
Concen: 0.693 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.017 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion:	43	Resp:	17590
Ion Ratio	100	Lower	Upper
61	0.0	20.5	30.7#
87	0.0	10.5	15.7#





#45

1,2-Dichloropropane

Concen: 0.270 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

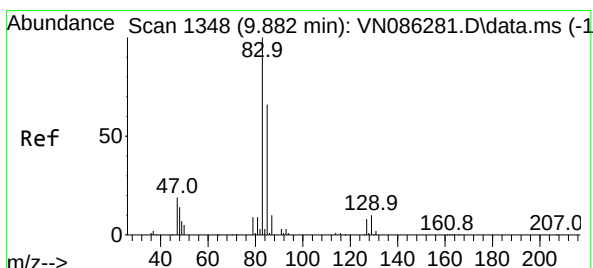
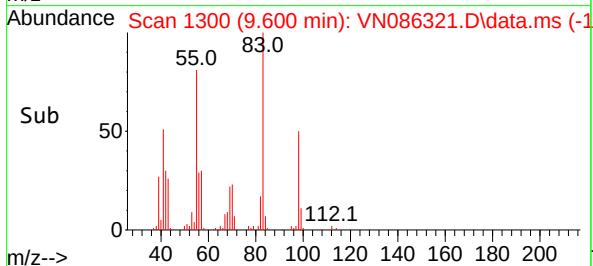
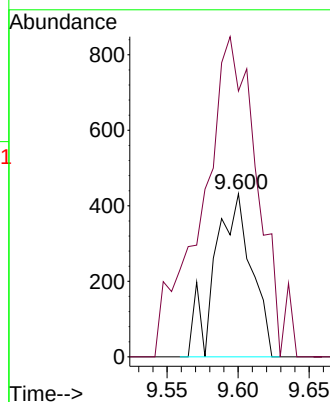
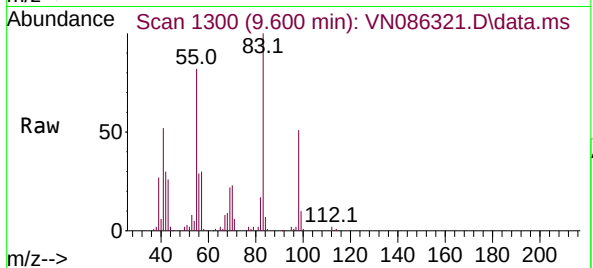
ClientSampleId :

Tgt Ion: 63 Resp: 777

Ion Ratio Lower Upper

63 100

65 163.0 25.4 38.2#



#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 9.853 min Scan# 1343

Delta R.T. -0.029 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

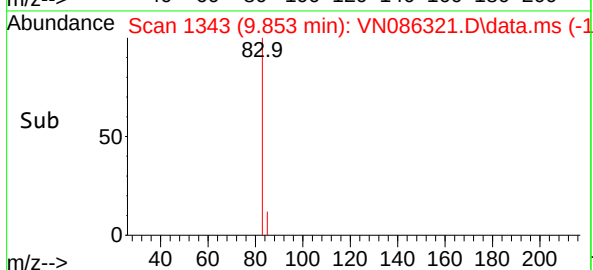
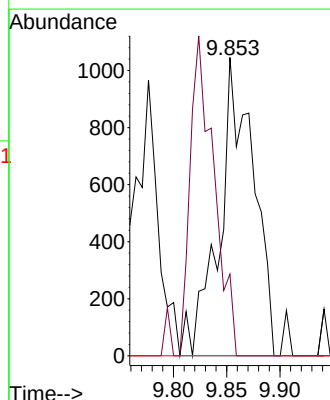
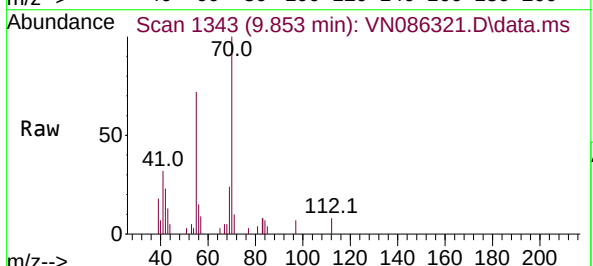
Tgt Ion: 83 Resp: 2336

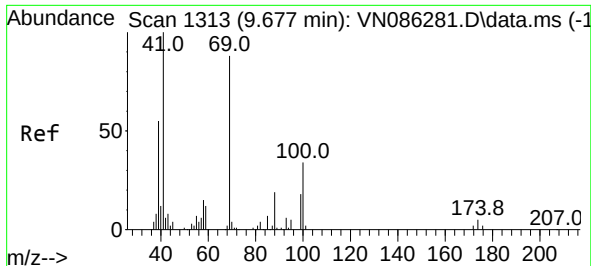
Ion Ratio Lower Upper

83 100

85 27.4 52.6 78.8#

127 0.0 6.1 9.1#

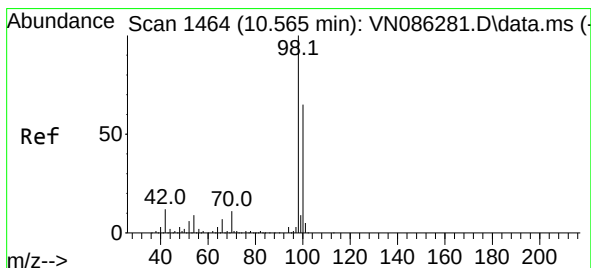
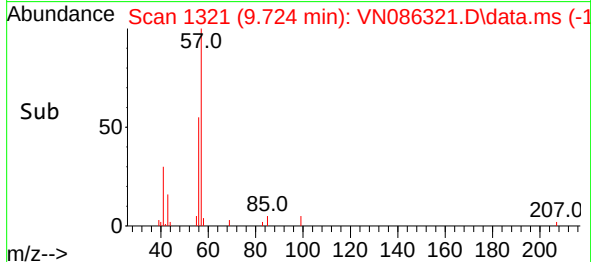
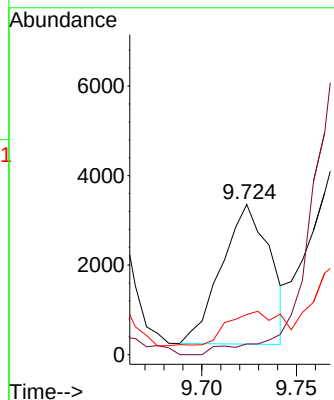
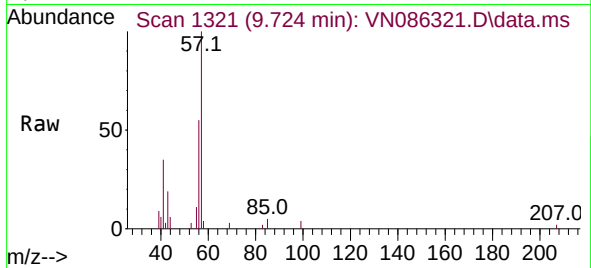




#48
Methyl methacrylate
Concen: 1.635 ug/l
RT: 9.724 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

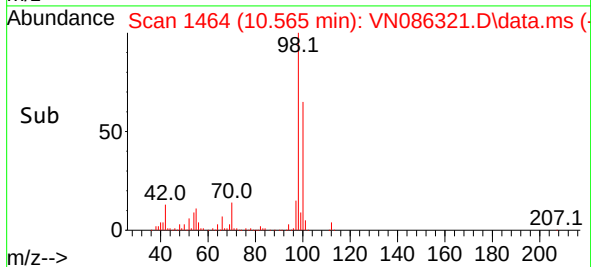
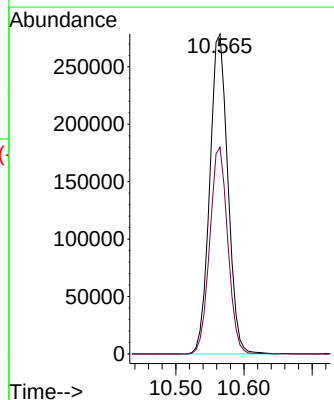
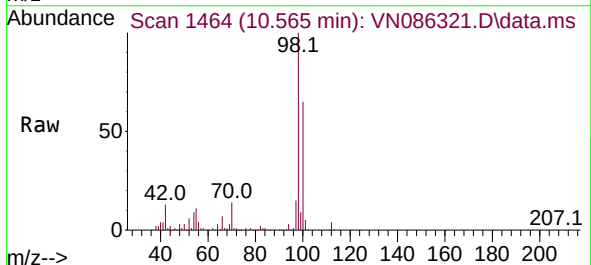
Instrument :
MSVOA_N
ClientSampleId :

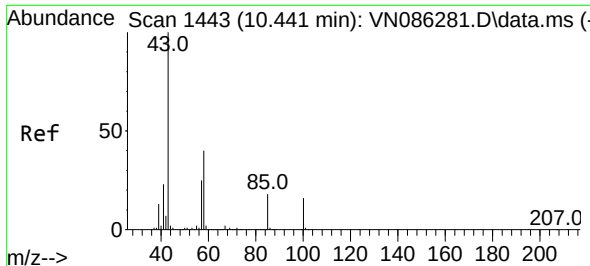
Tgt Ion: 41 Resp: 5557
Ion Ratio Lower Upper
41 100
69 0.0 68.2 102.2#
39 27.2 45.2 67.8#



#50
Toluene-d8
Concen: 52.339 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 98 Resp: 514759
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

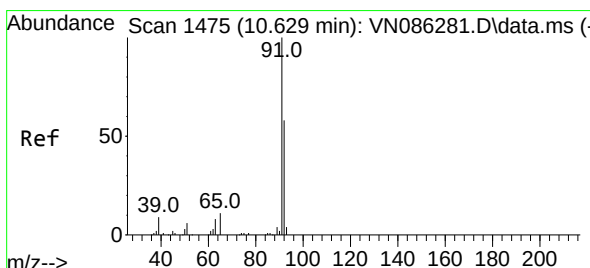
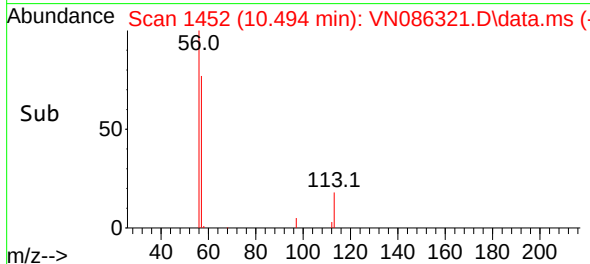
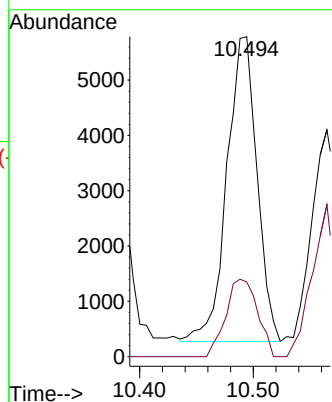
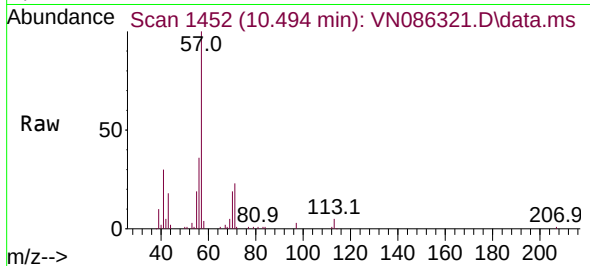




#51
4-Methyl-2-Pentanone
Concen: 2.561 ug/l
RT: 10.494 min Scan# 1443
Delta R.T. 0.053 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

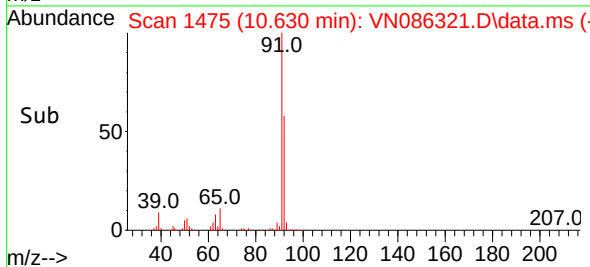
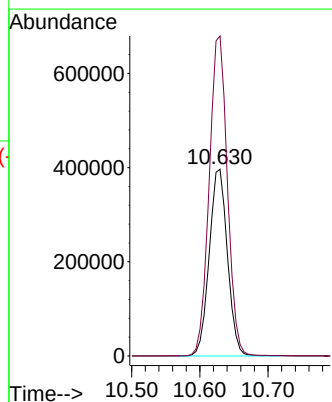
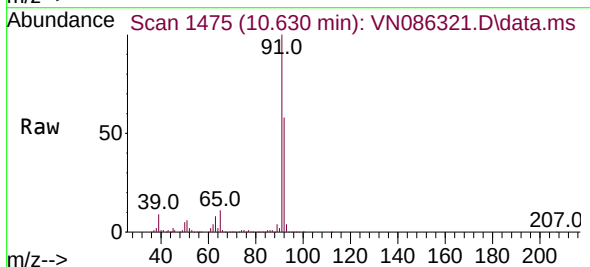
Instrument :
MSVOA_N
ClientSampleId :

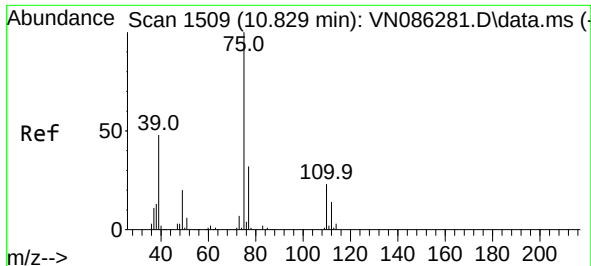
Tgt Ion: 43 Resp: 10147
Ion Ratio Lower Upper
43 100
58 26.7 32.2 48.4#



#52
Toluene
Concen: 100.229 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 92 Resp: 736491
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

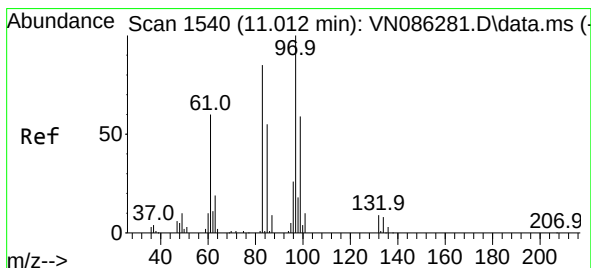
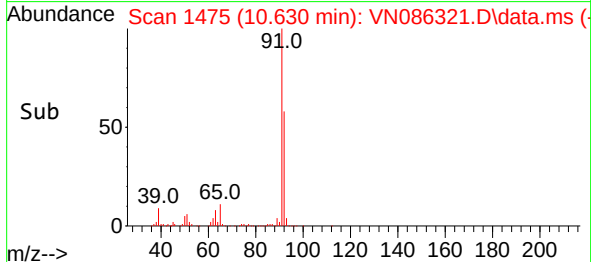
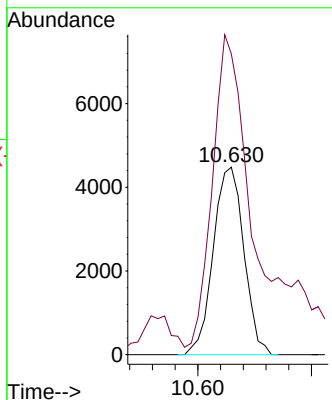
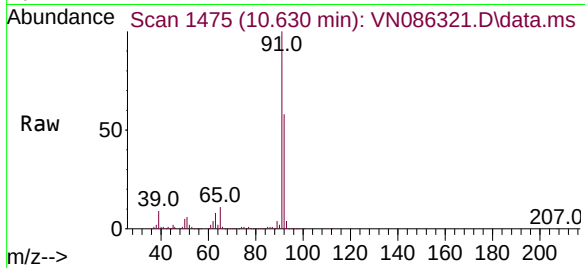




#53
t-1,3-Dichloropropene
Concen: 1.893 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

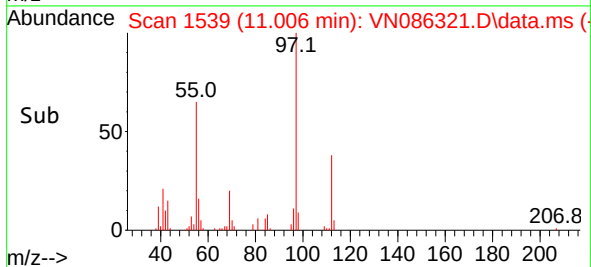
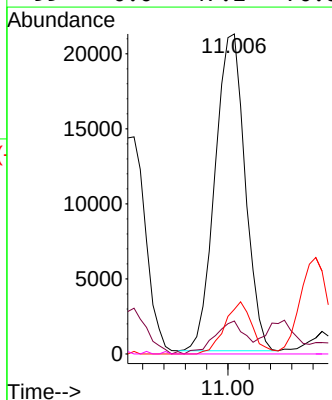
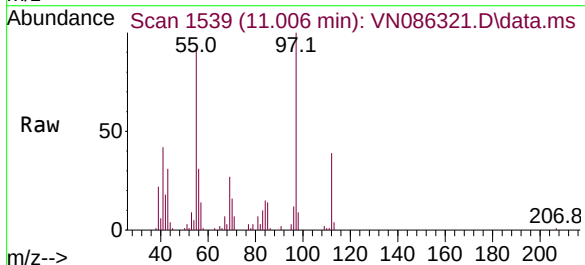
Instrument :
MSVOA_N
ClientSampleId :

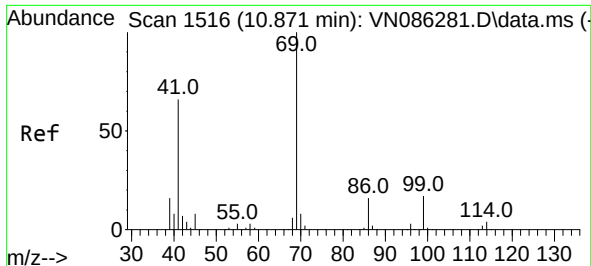
Tgt Ion: 75 Resp: 8384
Ion Ratio Lower Upper
75 100
77 150.5 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 15.650 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 97 Resp: 41374
Ion Ratio Lower Upper
97 100
83 9.6 68.4 102.6#
85 14.1 43.9 65.9#
99 0.0 47.2 70.8#

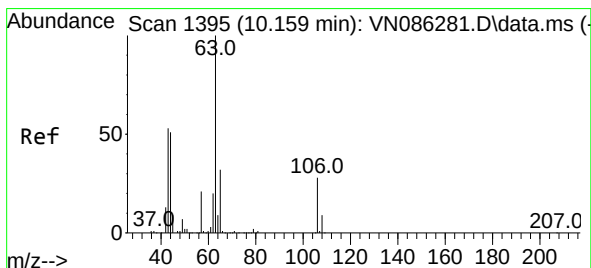
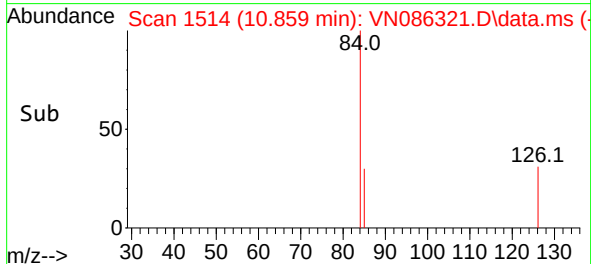
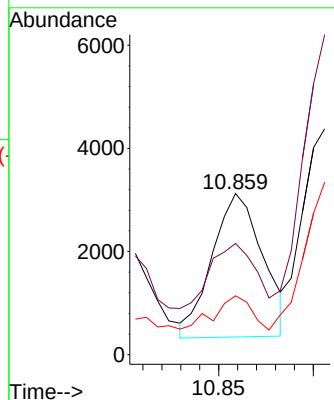
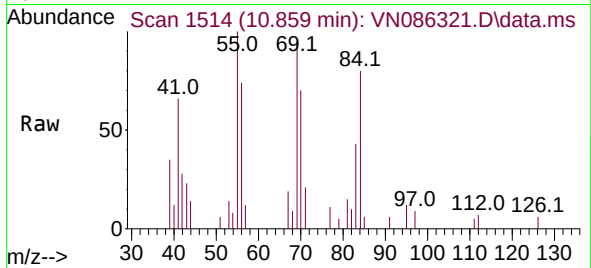




#56
Ethyl methacrylate
Concen: 1.059 ug/l
RT: 10.859 min Scan# 1516
Delta R.T. -0.012 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

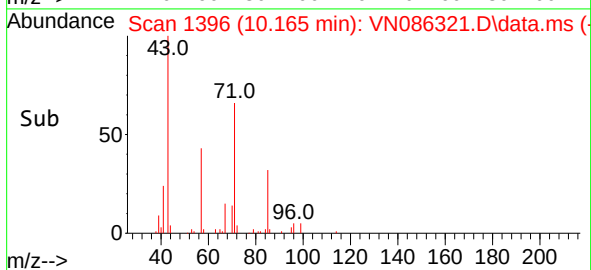
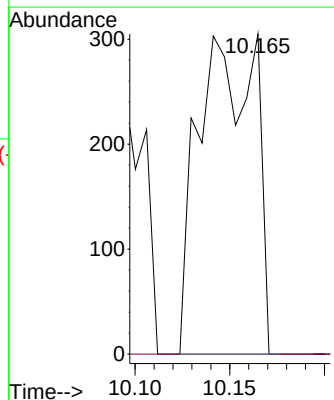
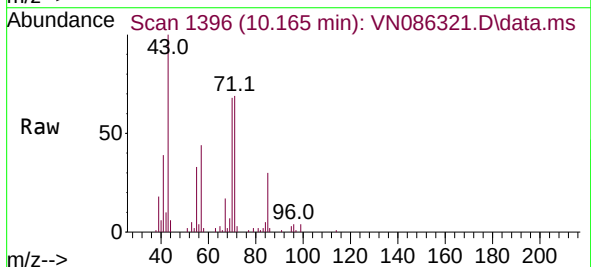
Instrument :
MSVOA_N
ClientSampleId :

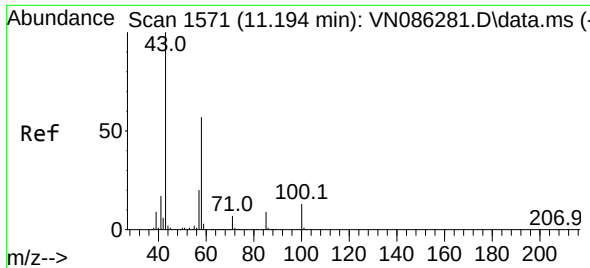
Tgt Ion: 69 Resp: 5148
Ion Ratio Lower Upper
69 100
41 0.0 51.7 77.5#
39 0.0 26.3 39.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.272 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

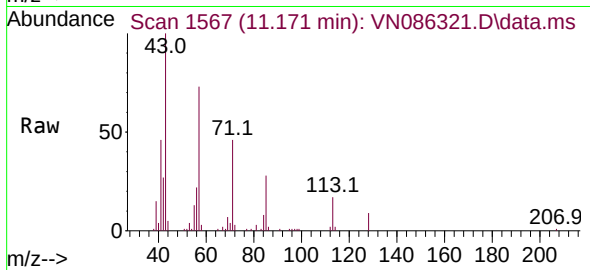
Tgt Ion: 63 Resp: 628
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



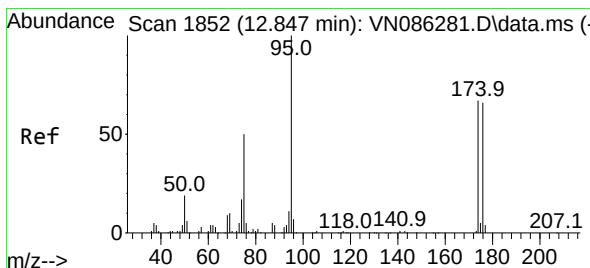
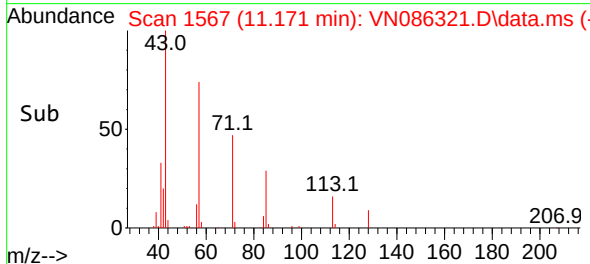
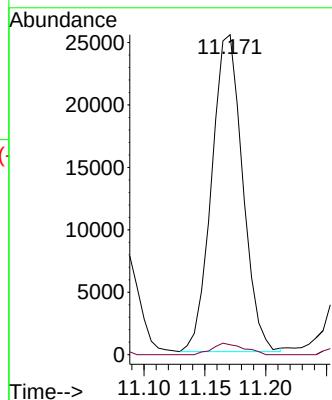


#59
2-Hexanone
Concen: 15.324 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

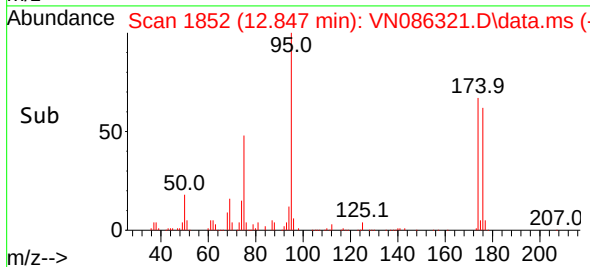
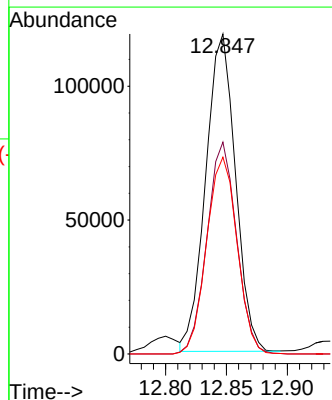
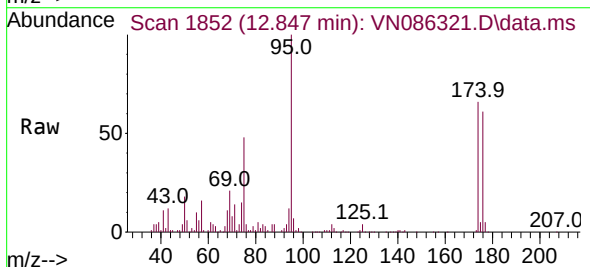


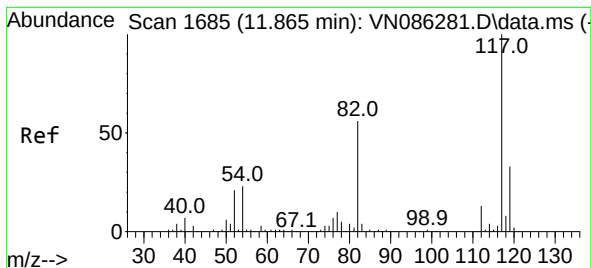
Tgt Ion: 43 Resp: 45039
Ion Ratio Lower Upper
43 100
58 3.7 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 56.267 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

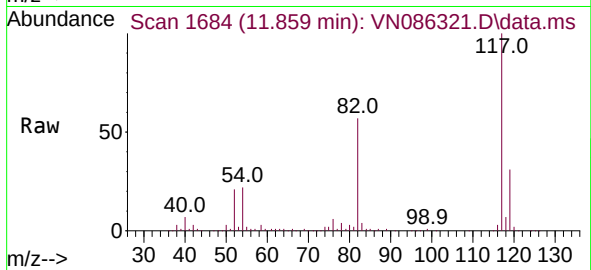
Tgt Ion: 95 Resp: 201844
Ion Ratio Lower Upper
95 100
174 66.3 0.0 133.4
176 63.7 0.0 129.2



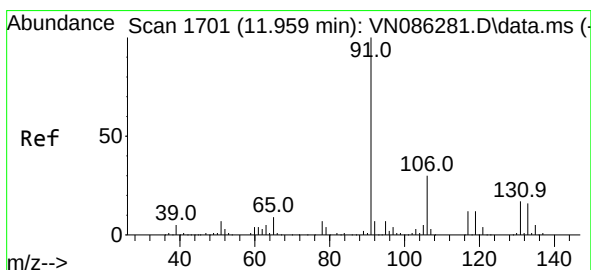
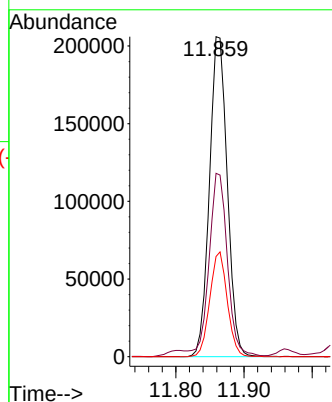
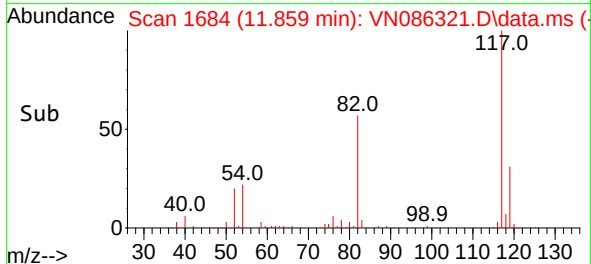


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

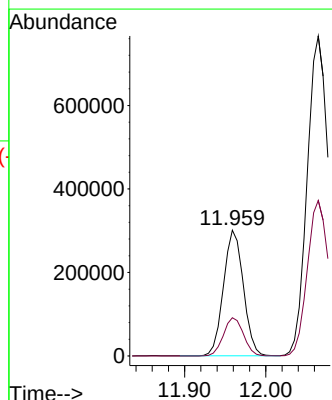
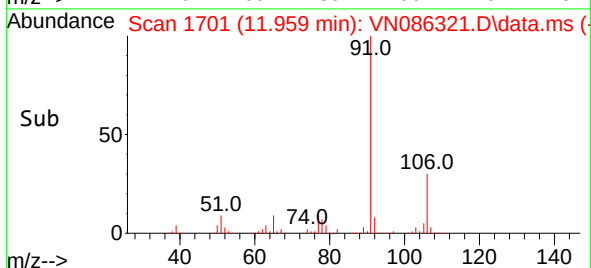
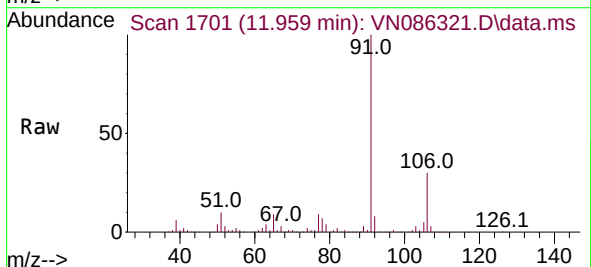


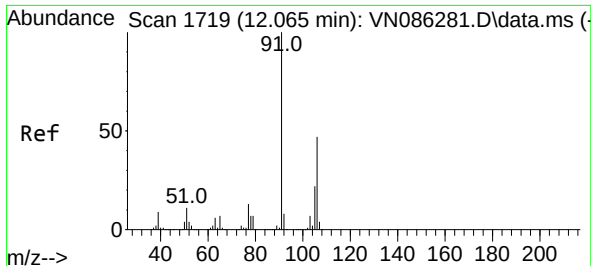
Tgt Ion:117 Resp: 375424
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 31.3 26.4 39.6



#67
Ethyl Benzene
Concen: 33.923 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 91 Resp: 512876
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

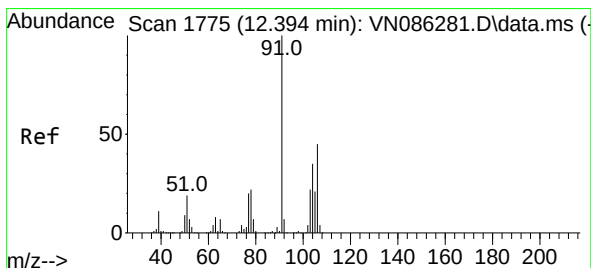
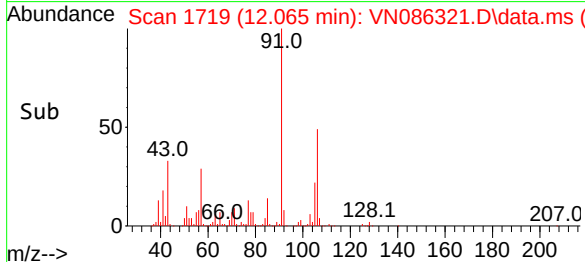
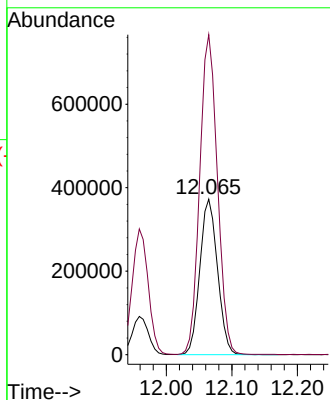
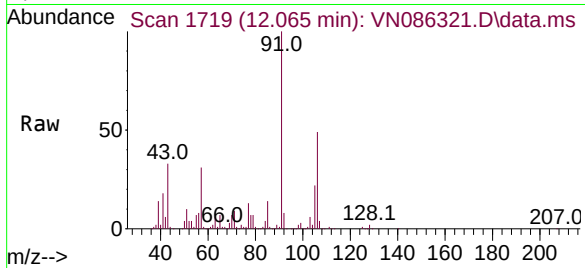




#68
m/p-Xylenes
Concen: 123.328 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

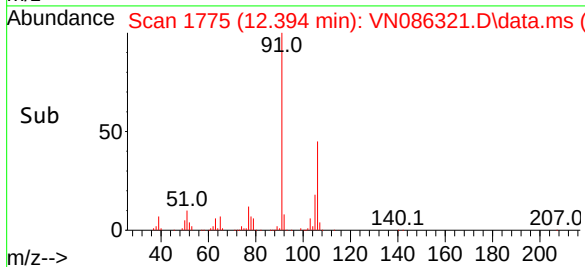
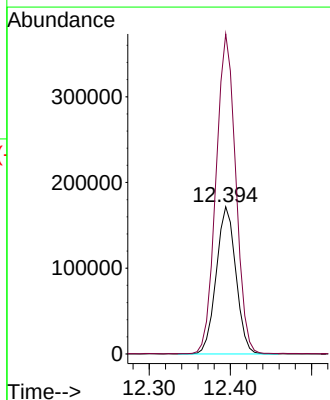
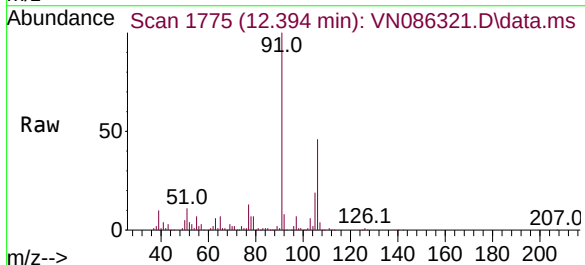
Instrument :
MSVOA_N
ClientSampleId :

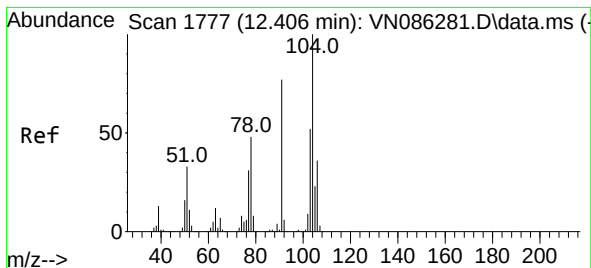
Tgt Ion:106 Resp: 698644
Ion Ratio Lower Upper
106 100
91 206.0 166.5 249.7



#69
o-Xylene
Concen: 51.560 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion:106 Resp: 288850
Ion Ratio Lower Upper
106 100
91 218.3 109.7 329.0





#70

Styrene

Concen: 1.606 ug/l

RT: 12.394 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN086321.D

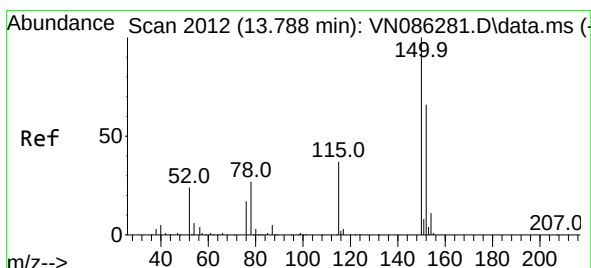
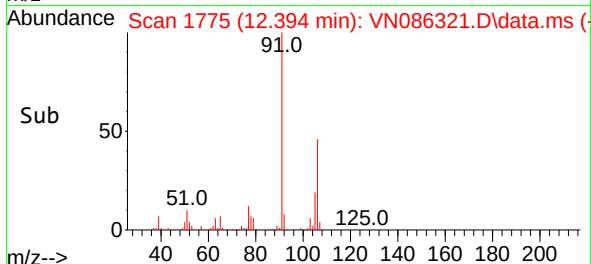
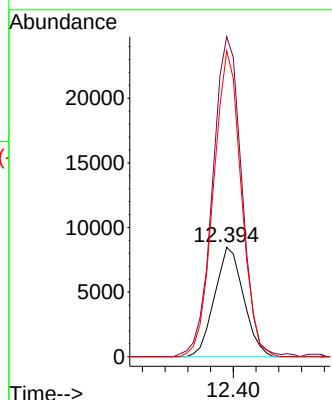
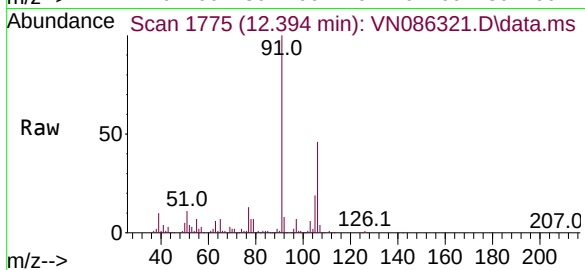
Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 14994
Ion Ratio Lower Upper
104 100
78 293.3 40.6 61.0#
103 268.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

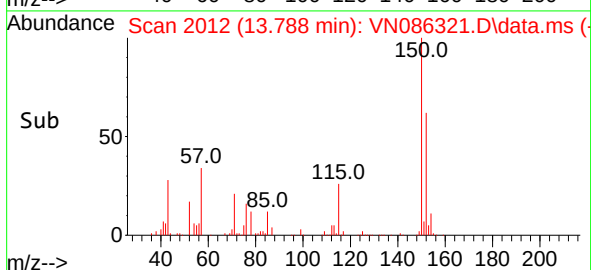
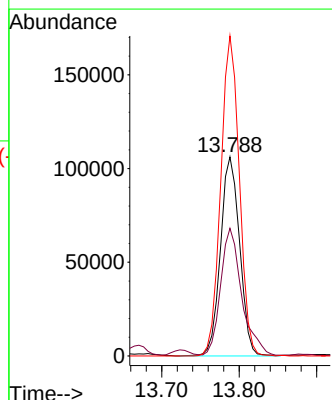
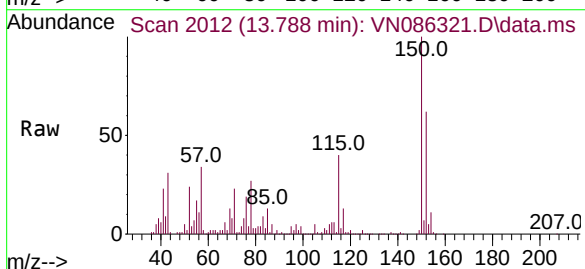
RT: 13.788 min Scan# 2012

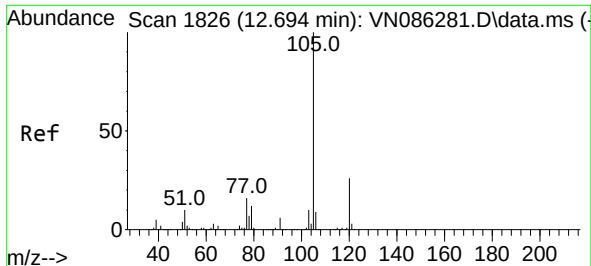
Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Tgt Ion:152 Resp: 182856
Ion Ratio Lower Upper
152 100
115 69.9 31.9 95.9
150 155.8 0.0 352.0

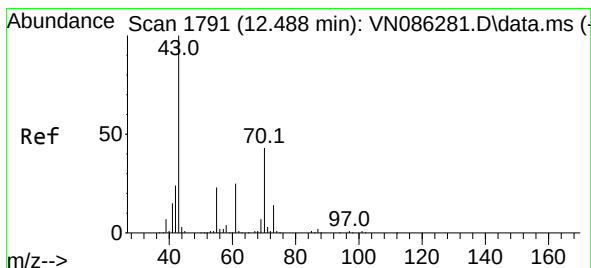
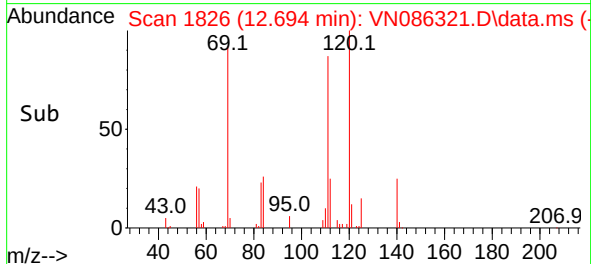
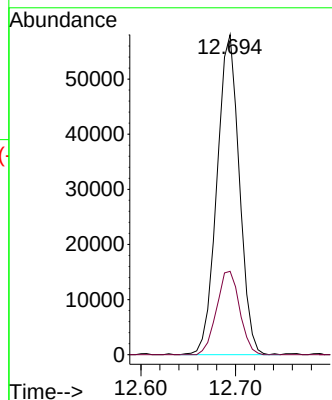
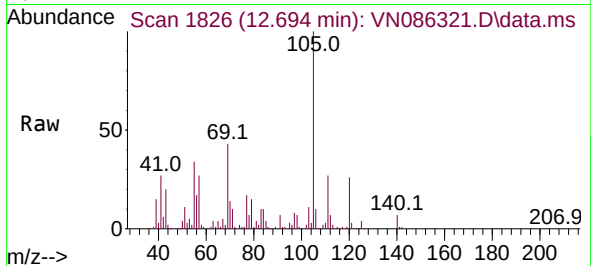




#73
Isopropylbenzene
Concen: 6.366 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

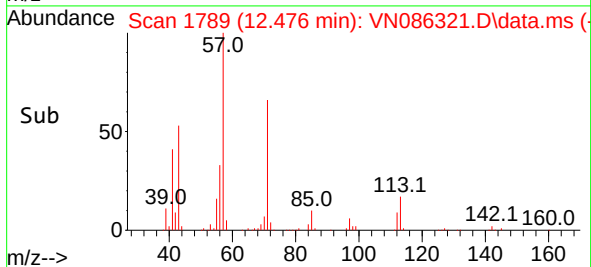
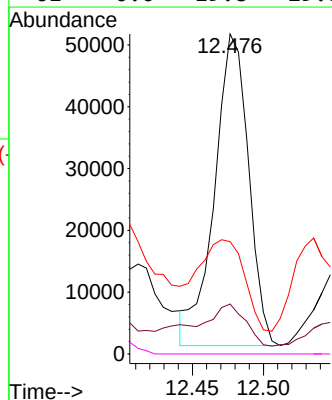
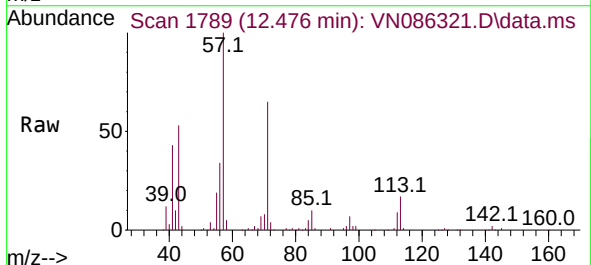
Instrument :
MSVOA_N
ClientSampleId :

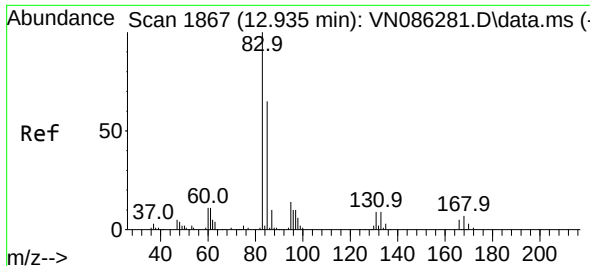
Tgt Ion:105 Resp: 95229
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 11.316 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.012 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 43 Resp: 84264
Ion Ratio Lower Upper
43 100
70 13.6 35.0 52.4#
55 40.3 19.0 28.4#
61 0.0 19.8 29.8#

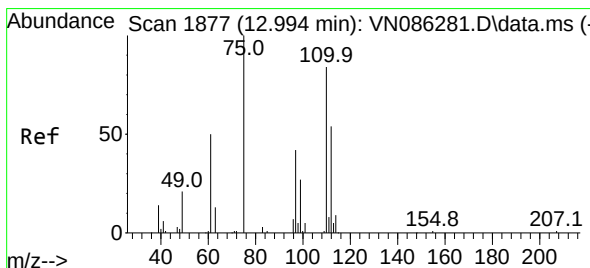
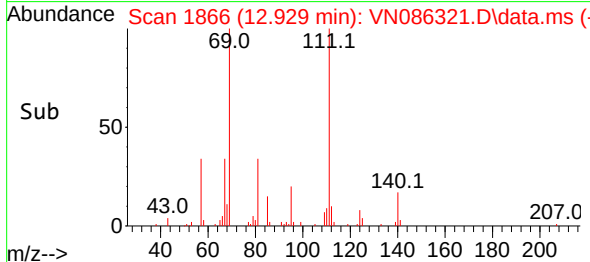
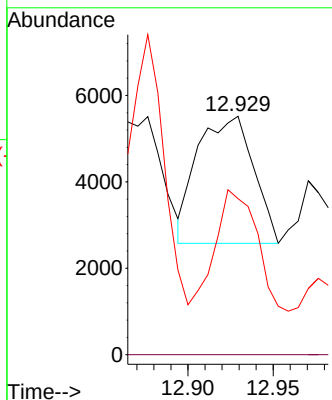
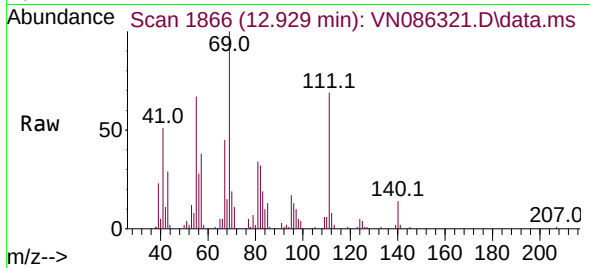




#75
1,1,2,2-Tetrachloroethane
Concen: 1.557 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

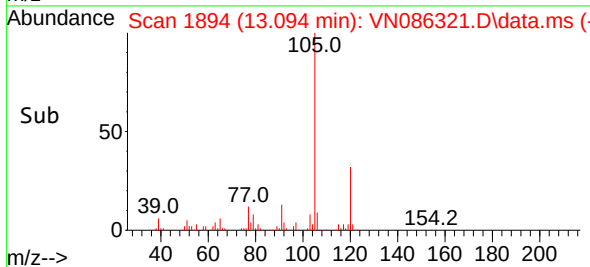
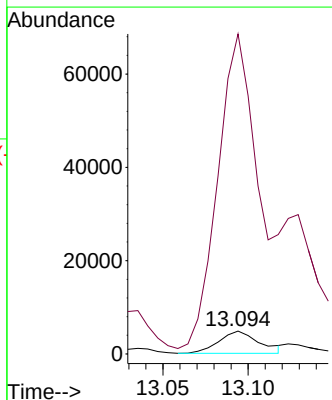
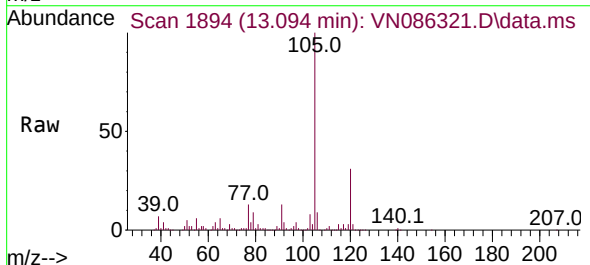
Instrument :
MSVOA_N
ClientSampleId :

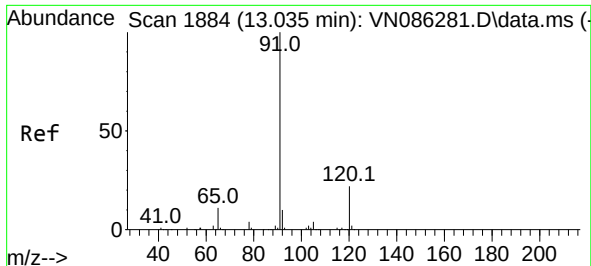
Tgt Ion: 83 Resp: 6696
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1#
85 0.0 32.7 98.1#



#76
1,2,3-Trichloropropane
Concen: 1.806 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. 0.100 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 75 Resp: 7794
Ion Ratio Lower Upper
75 100
77 1471.6 98.8 296.4#

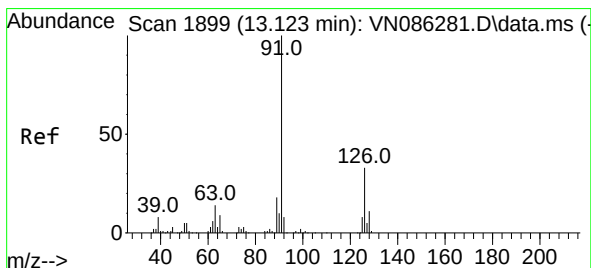
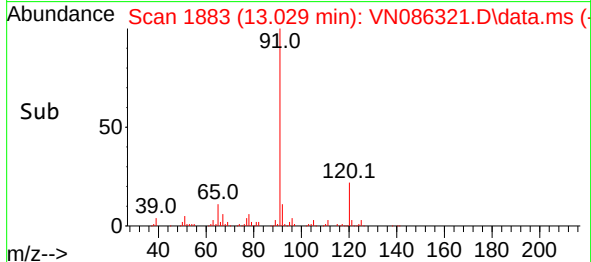
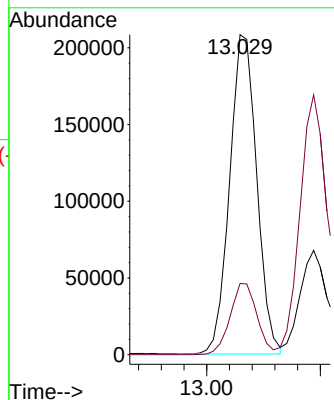
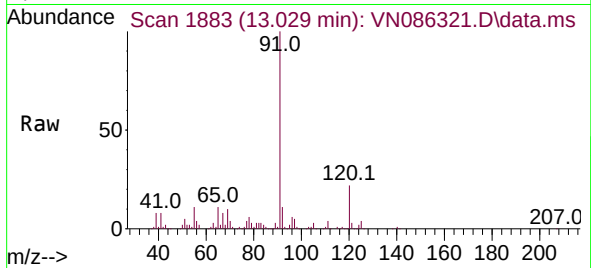




#78
n-propylbenzene
Concen: 19.577 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

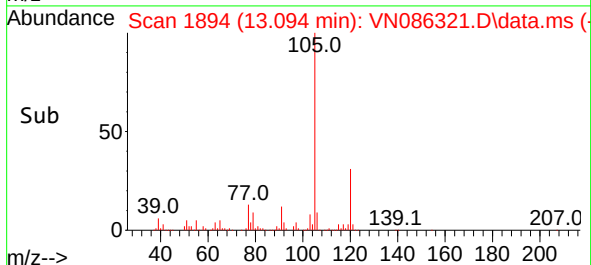
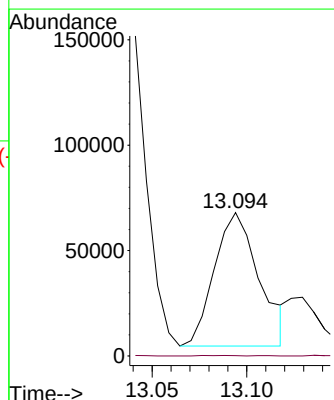
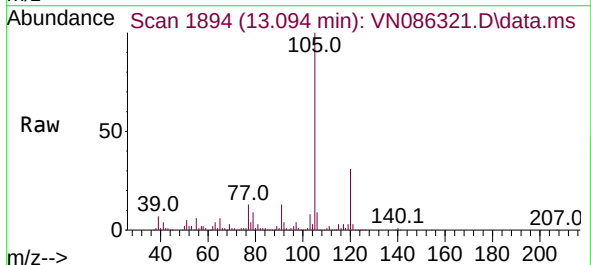
Instrument :
MSVOA_N
ClientSampleId :

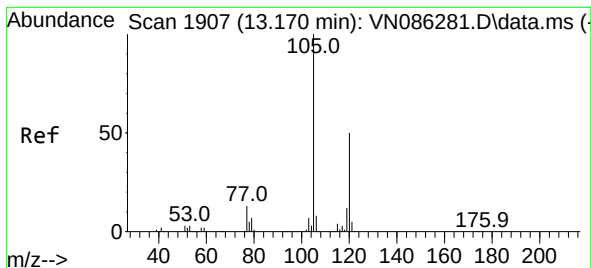
Tgt Ion: 91 Resp: 345062
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



#79
2-Chlorotoluene
Concen: 9.412 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Tgt Ion: 91 Resp: 103814
Ion Ratio Lower Upper
91 100
126 0.3 16.1 48.2#





#80

1,3,5-Trimethylbenzene

Concen: 28.238 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

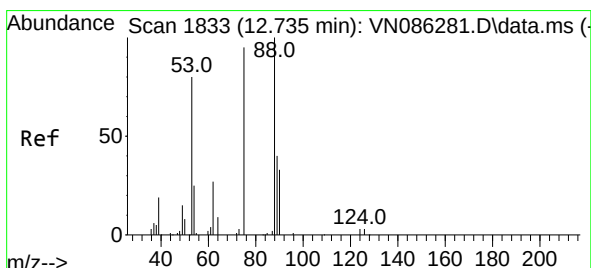
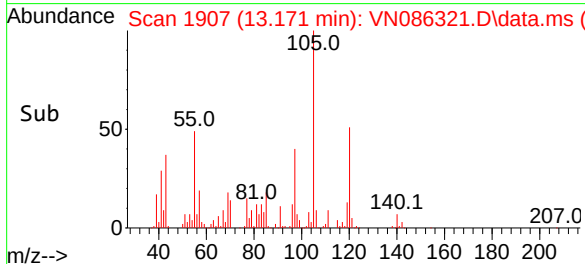
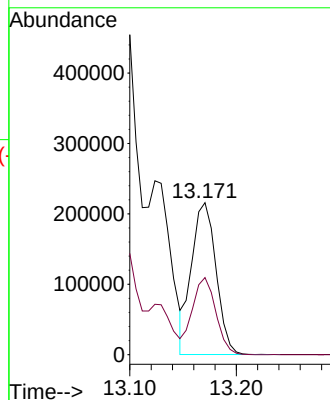
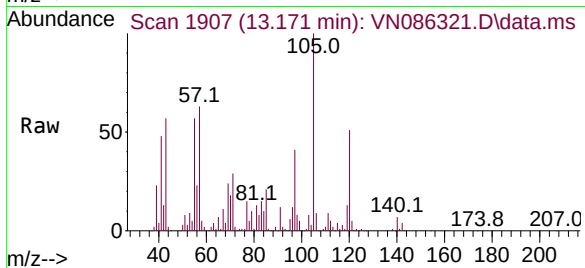
ClientSampleId :

Tgt Ion:105 Resp: 345712

Ion Ratio Lower Upper

105 100

120 49.1 24.5 73.5



#81

trans-1,4-Dichloro-2-butene

Concen: 54.709 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

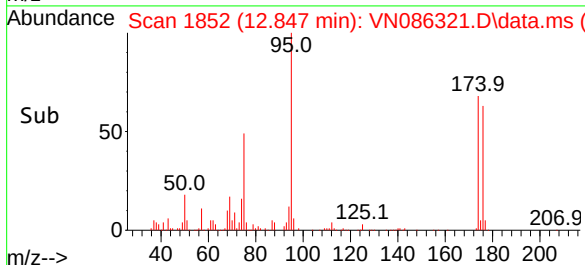
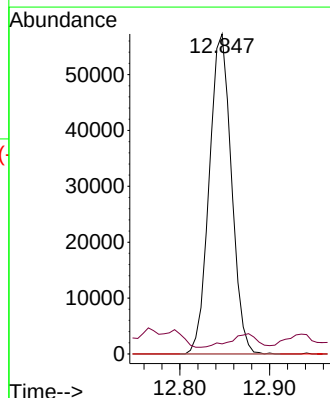
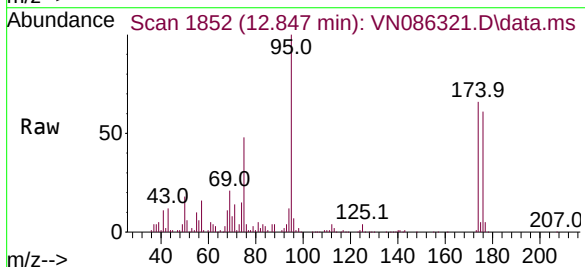
Tgt Ion: 75 Resp: 98298

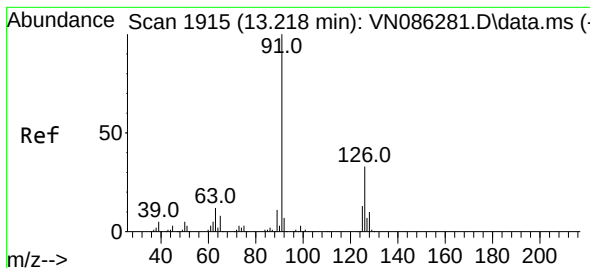
Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

89 0.0 35.7 53.5#





#82

4-Chlorotoluene

Concen: 3.391 ug/l

RT: 13.171 min Scan# 1915

Delta R.T. -0.047 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

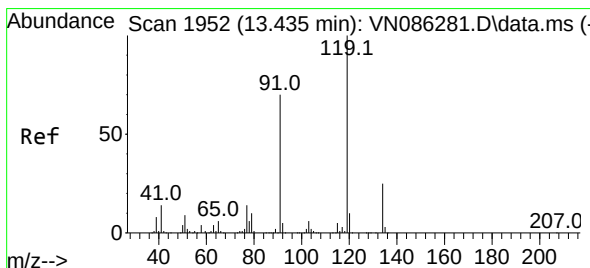
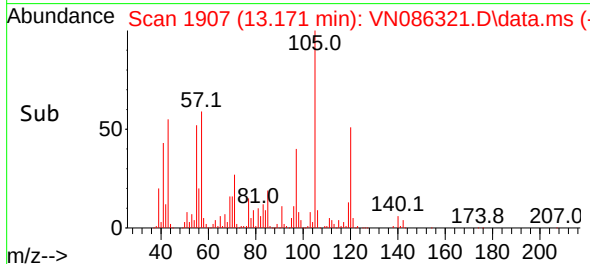
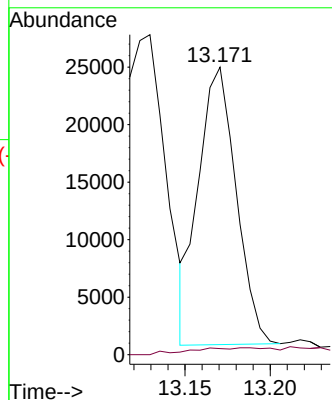
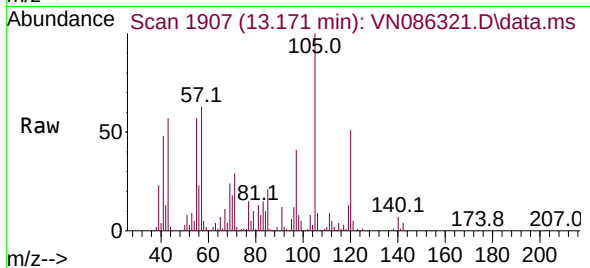
ClientSampleId :

Tgt Ion: 91 Resp: 37153

Ion Ratio Lower Upper

91 100

126 5.5 16.2 48.6#



#83

tert-Butylbenzene

Concen: 15.408 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

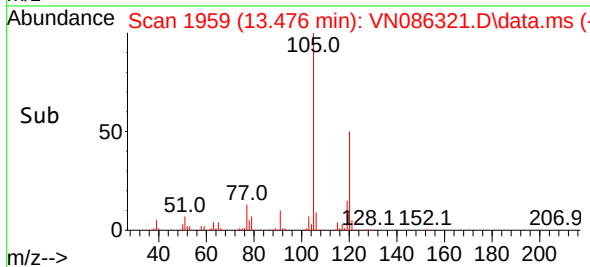
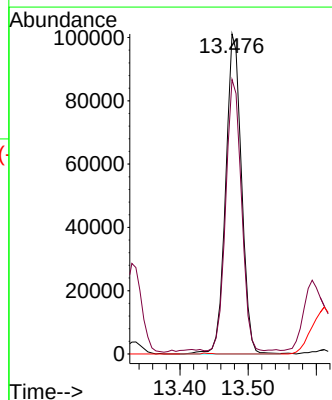
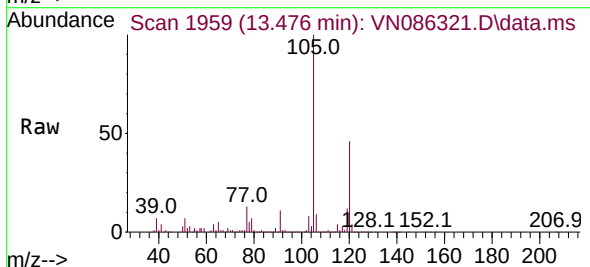
Tgt Ion: 119 Resp: 163452

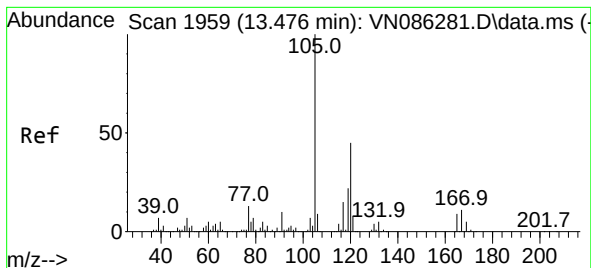
Ion Ratio Lower Upper

119 100

91 83.7 34.4 103.3

134 0.0 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 107.133 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

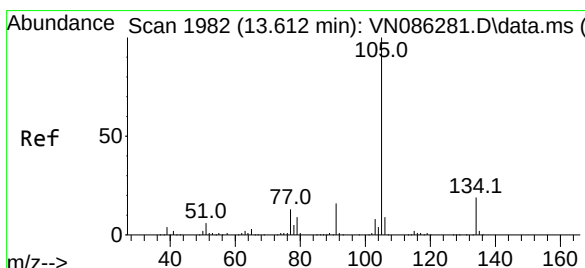
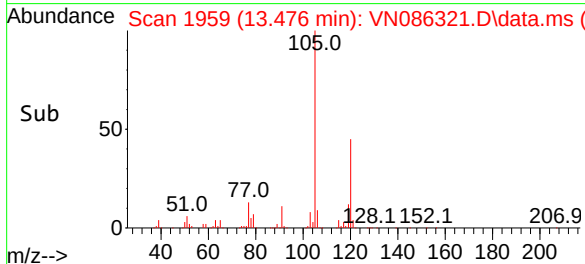
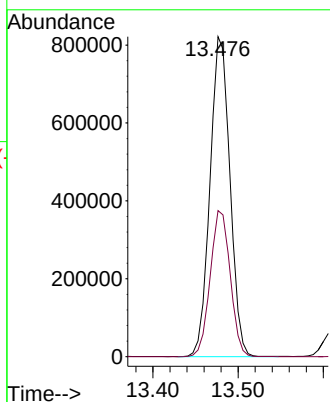
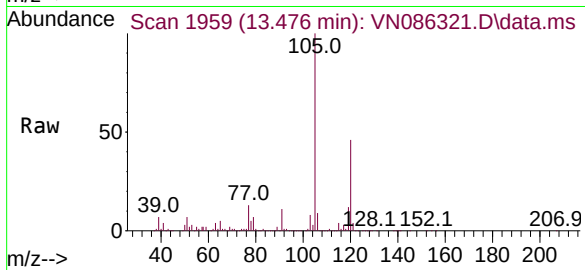
ClientSampleId :

Tgt Ion:105 Resp: 1335080

Ion Ratio Lower Upper

105 100

120 45.8 22.4 67.3



#85

sec-Butylbenzene

Concen: 7.801 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086321.D

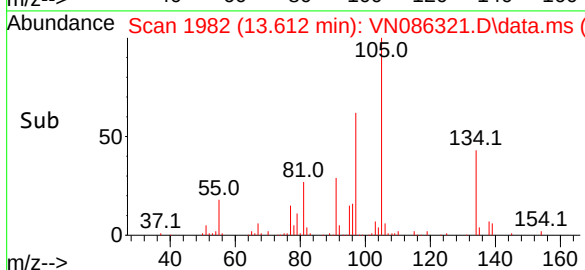
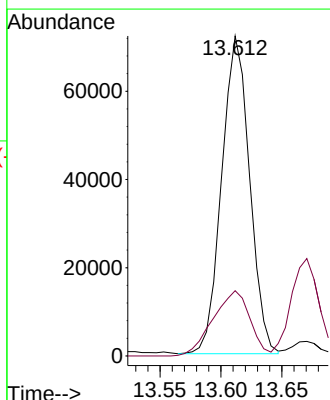
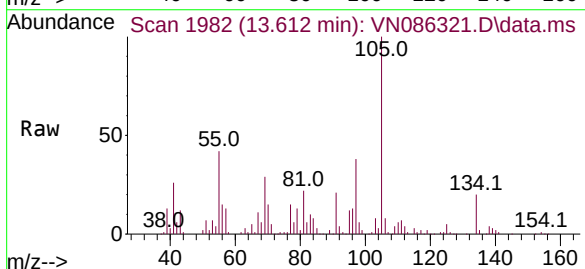
Acq: 17 Apr 2025 14:54

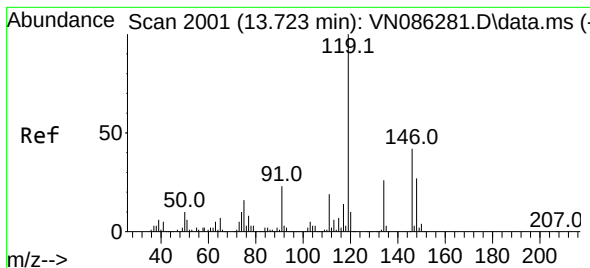
Tgt Ion:105 Resp: 114777

Ion Ratio Lower Upper

105 100

134 27.2 9.7 29.1





#86

p-Isopropyltoluene

Concen: 5.289 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

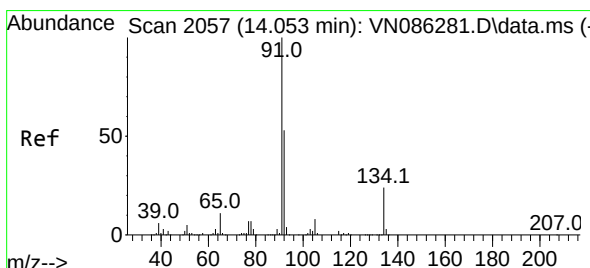
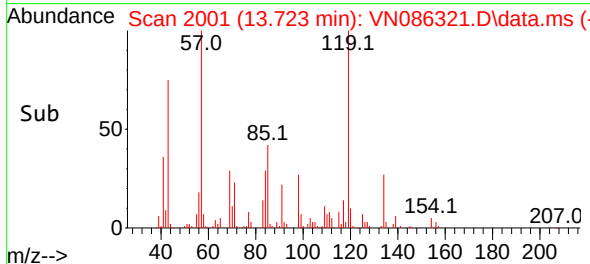
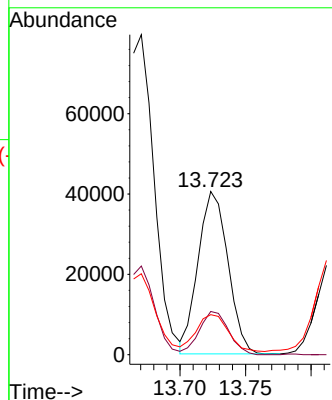
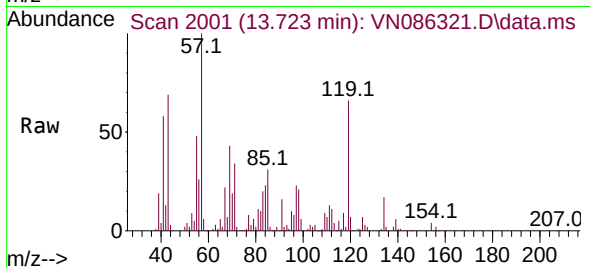
Tgt Ion:119 Resp: 64143

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.0 11.9 35.9



#89

n-Butylbenzene

Concen: 15.624 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

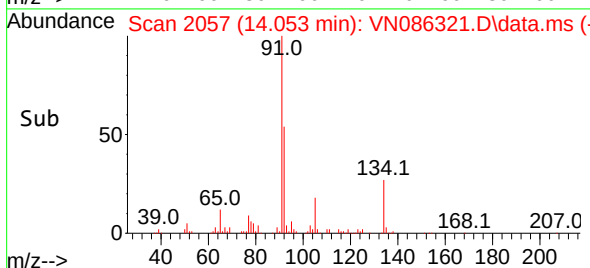
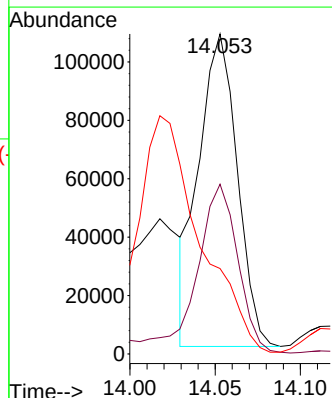
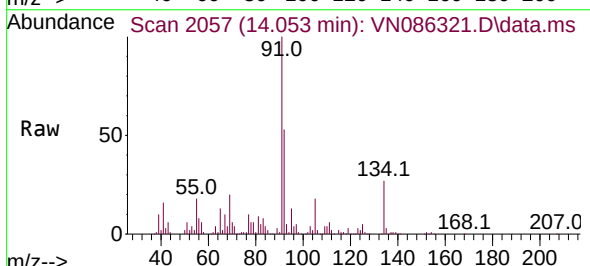
Tgt Ion: 91 Resp: 167963

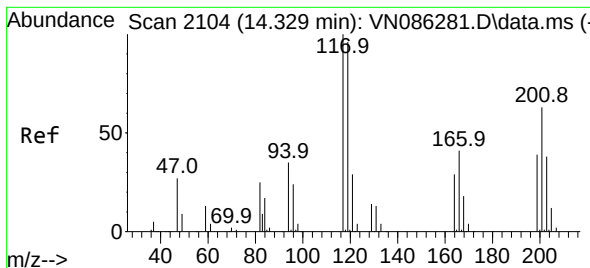
Ion Ratio Lower Upper

91 100

92 57.4 26.8 80.4

134 0.0 12.2 36.6#





#90

Hexachloroethane

Concen: 15.025 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

Instrument :

MSVOA_N

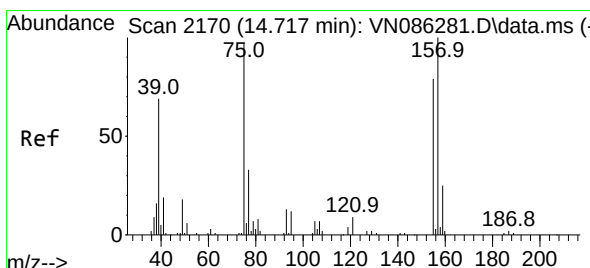
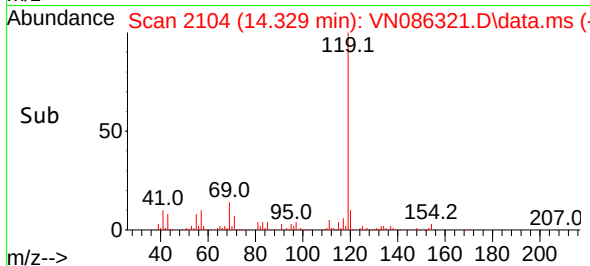
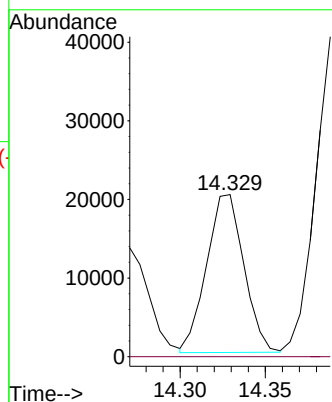
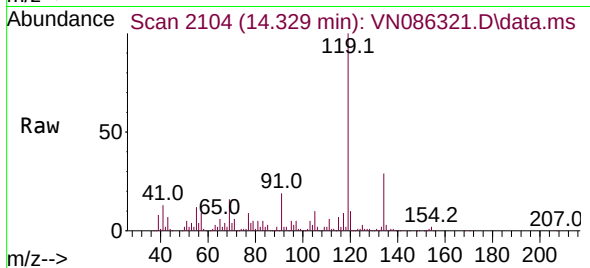
ClientSampleId :

Tgt Ion:117 Resp: 30651

Ion Ratio Lower Upper

117 100

201 0.0 31.4 94.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.976 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN086321.D

Acq: 17 Apr 2025 14:54

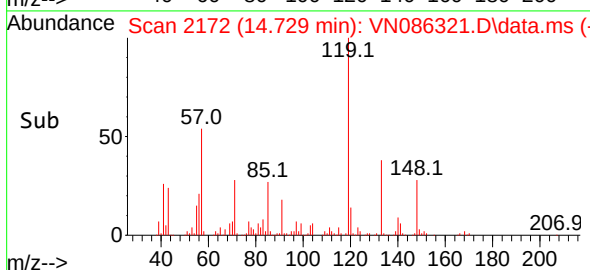
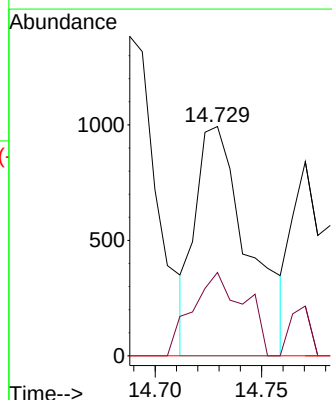
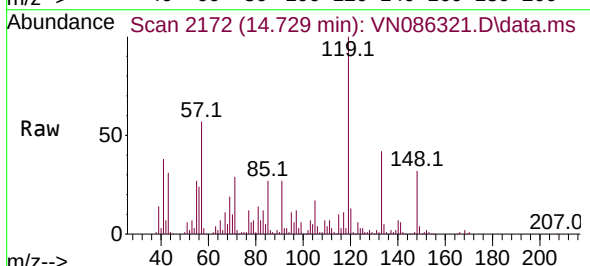
Tgt Ion: 75 Resp: 1714

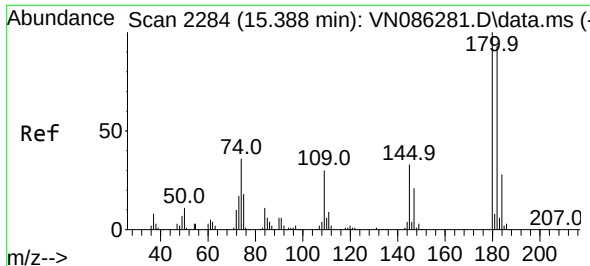
Ion Ratio Lower Upper

75 100

155 35.9 40.3 120.9#

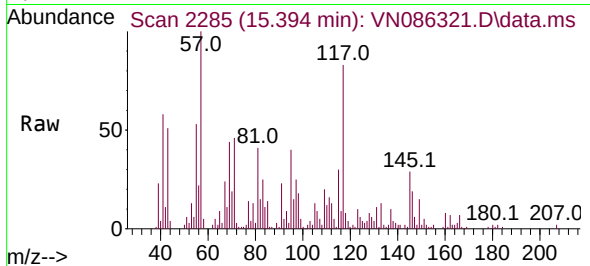
157 0.0 49.0 147.2#



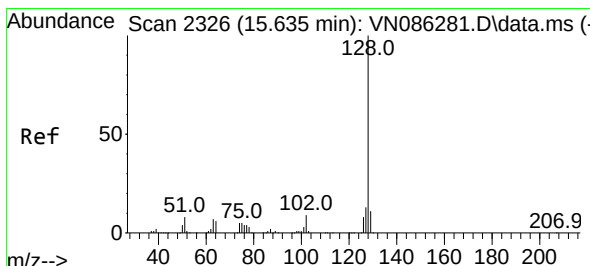
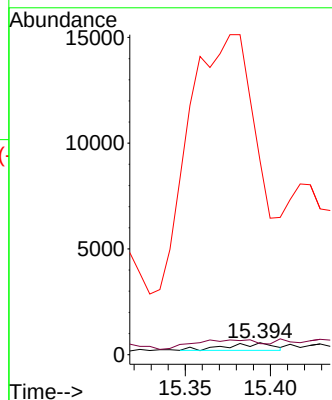
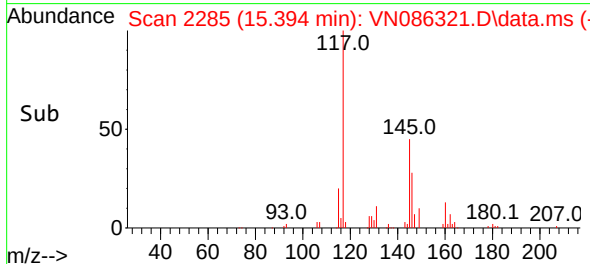


#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

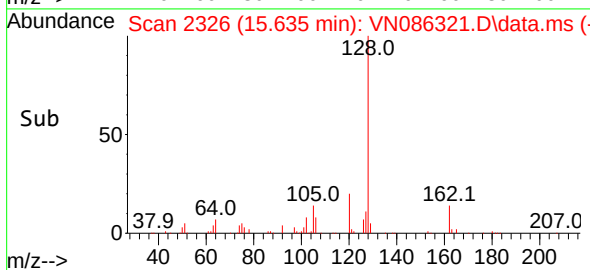
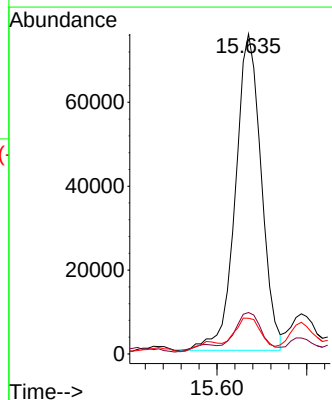
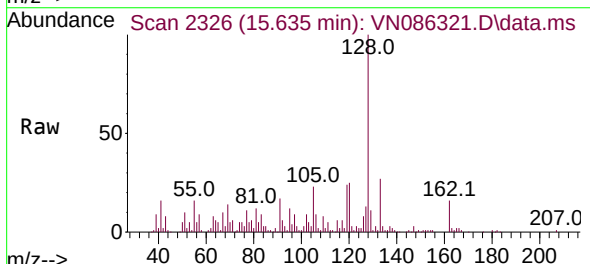


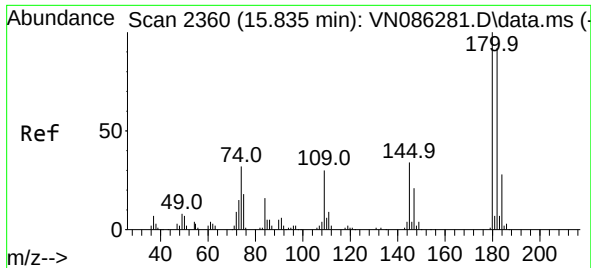
Tgt Ion:180 Resp: 637
Ion Ratio Lower Upper
180 100
182 194.5 47.0 141.0#
145 7366.9 16.4 49.1#



#95
Naphthalene
Concen: 14.685 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

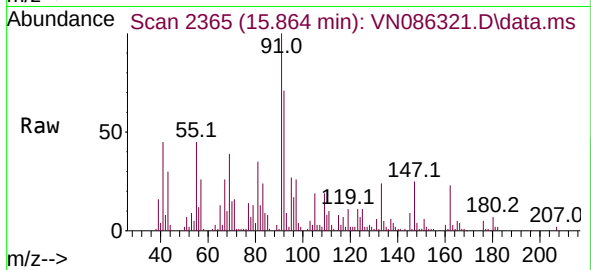
Tgt Ion:128 Resp: 150575
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 9.7 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.341 ug/l
RT: 15.864 min Scan# 21
Delta R.T. 0.029 min
Lab File: VN086321.D
Acq: 17 Apr 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	142.0#
145	0.0	17.2	51.5#

