

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085924.D
 Acq On : 10 Mar 2025 19:12
 Operator : JC\MD
 Sample : Q1525-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 01:42:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.041	168	64	50.000	ug/l	#-0.18
34) 1,4-Difluorobenzene	8.859	114	365196	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.806	117	297123	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	148874	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	134544	162152.423	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	= 324304.840%#	
35) Dibromofluoromethane	7.783	113	115397	48.290	ug/l	-0.38
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.580%	
50) Toluene-d8	10.447	98	434609	49.988	ug/l	-0.11
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.524	95	809	0.282	ug/l	-0.32
Spiked Amount	50.000	Range	77 - 121	Recovery	= 0.560%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.230	50	3500	4006.704	ug/l	96
4) Vinyl Chloride	2.224	62	395	427.072	ug/l #	42
13) Acrolein	4.348	56	15575	102916.382	ug/l #	15
14) Allyl chloride	4.895	41	105841	114860.793	ug/l #	40
15) Acrylonitrile	5.506	53	555	1672.884	ug/l #	18
16) Acetone	4.342	43	170685	650119.551	ug/l #	41
18) Methyl Acetate	4.883	43	40830	45214.640	ug/l #	47
20) Methylene Chloride	5.271	84	1980	2345.104	ug/l #	10
23) Vinyl Acetate	6.430	43	3881	2722.248	ug/l #	69
25) 2-Butanone	7.389	43	1608	4163.098	ug/l #	45
26) 2,2-Dichloropropane	7.524	77	234	185.917	ug/l	100
27) cis-1,2-Dichloroethene	7.342	96	693	790.862	ug/l #	1
28) Bromochloromethane	7.859	49	776	1333.888	ug/l #	1
29) Tetrahydrofuran	7.865	42	17292	69328.956	ug/l #	32
30) Chloroform	7.759	83	831	561.799	ug/l #	18
31) Cyclohexane	8.112	56	18246	15395.943	ug/l #	25
37) Ethyl Acetate	7.389	43	1608	0.578	ug/l #	72
38) Carbon Tetrachloride	7.871	117	14481	3.604	ug/l #	18
39) Methylcyclohexane	9.394	83	39054	11.754	ug/l	96
40) Benzene	8.277	78	10070	0.929	ug/l	95
41) Methacrylonitrile	7.589	41	3826	2.572	ug/l #	45
43) Isopropyl Acetate	8.471	43	21173	3.830	ug/l #	53
47) Bromodichloromethane	9.594	83	1697	0.430	ug/l #	26
48) Methyl methacrylate	9.400	41	14789	7.155	ug/l #	34
51) 4-Methyl-2-Pentanone	10.212	43	9149	3.409	ug/l #	34
52) Toluene	10.518	92	2610	0.411	ug/l	92
55) 1,1,2-Trichloroethane	10.818	97	3472	1.374	ug/l #	23
56) Ethyl methacrylate	10.565	69	3133	1.421	ug/l #	65
58) 2-Chloroethyl Vinyl ether	9.847	63	84	Below Cal	#	46
59) 2-Hexanone	10.912	43	1497	0.811	ug/l #	21
65) Chlorobenzene	11.835	112	12447	1.829	ug/l	92
67) Ethyl Benzene	11.912	91	306267	28.724	ug/l	99
68) m/p-Xylenes	12.029	106	68822	16.993	ug/l	98
69) o-Xylene	12.365	106	4643	1.206	ug/l	97
70) Styrene	12.359	104	590	0.674	ug/l #	1
73) Isopropylbenzene	12.665	105	94886	9.303	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

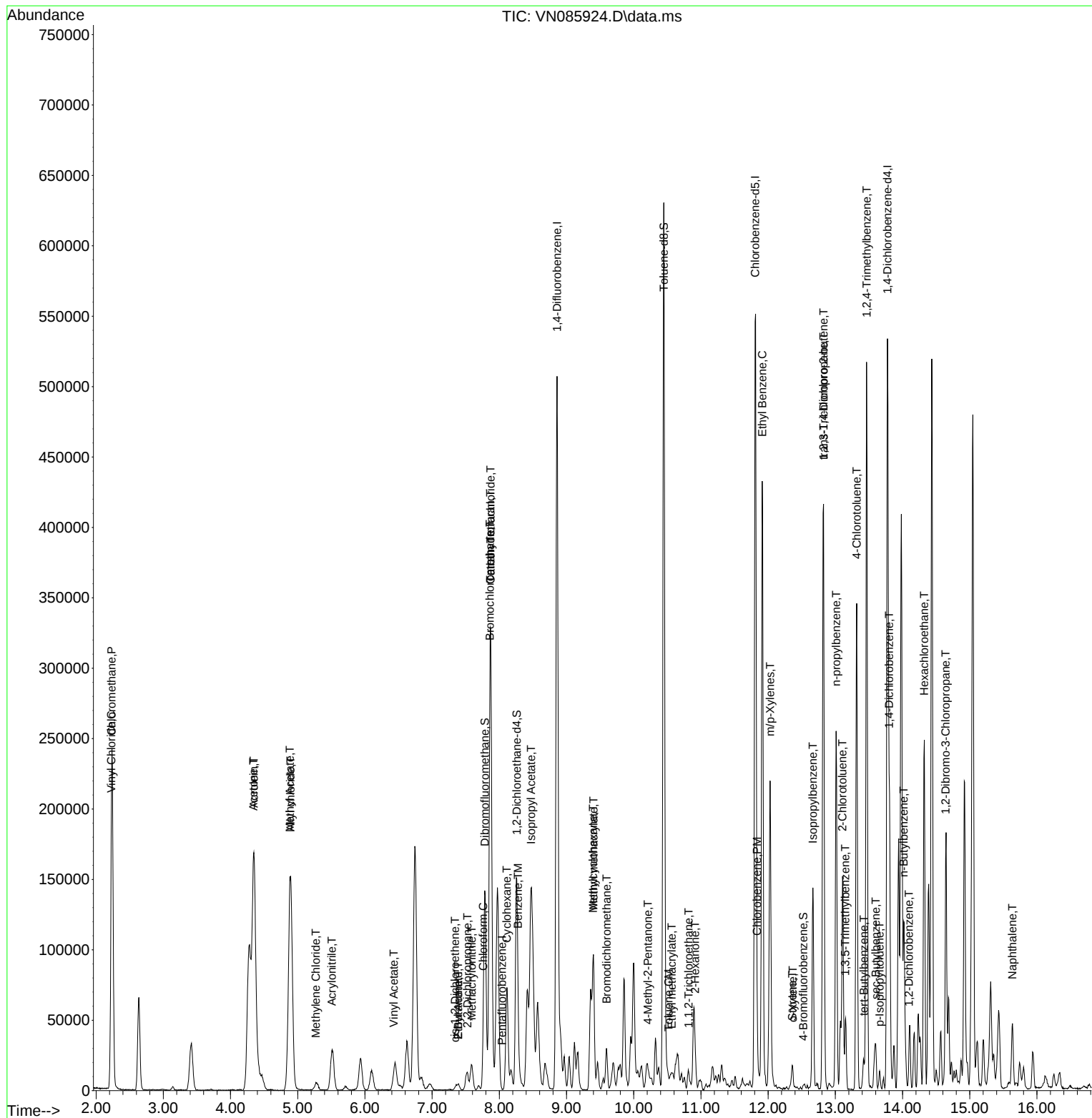
76) 1,2,3-Trichloropropane	12.824	75	79143	23.932	ug/l #	1
78) n-propylbenzene	13.012	91	200316	17.149	ug/l	100
79) 2-Chlorotoluene	13.106	91	12701	1.627	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.147	105	26128	3.145	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.824	75	79143	69.828	ug/l #	13
82) 4-Chlorotoluene	13.318	91	29360	3.795	ug/l #	42
83) tert-Butylbenzene	13.424	119	10112	1.447	ug/l	92
84) 1,2,4-Trimethylbenzene	13.465	105	289235	35.187	ug/l	99
85) sec-Butylbenzene	13.600	105	18424	1.866	ug/l #	62
86) p-Isopropyltoluene	13.659	119	7182	1.475	ug/l	94
88) 1,4-Dichlorobenzene	13.800	146	1827	0.345	ug/l #	60
89) n-Butylbenzene	14.018	91	2462	0.351	ug/l #	1
90) Hexachloroethane	14.323	117	14154	7.571	ug/l #	14
91) 1,2-Dichlorobenzene	14.094	146	1318	0.265	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.641	75	897	1.392	ug/l #	4
95) Naphthalene	15.635	128	47152	7.260	ug/l	97

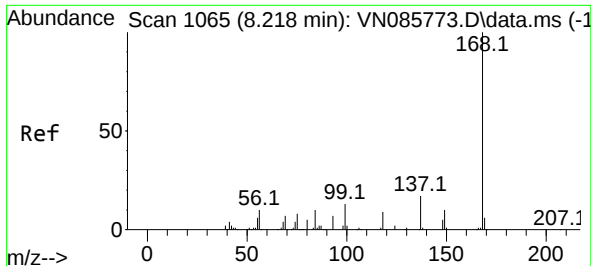
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

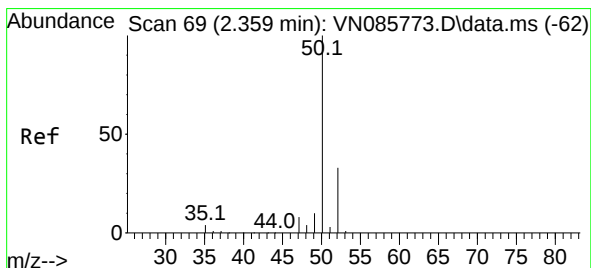
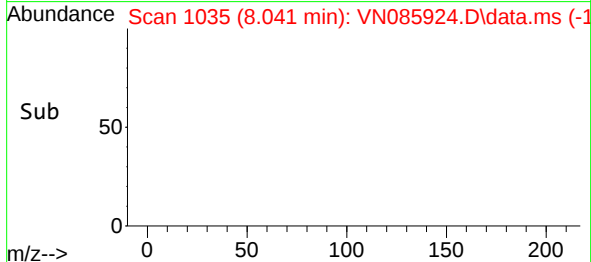
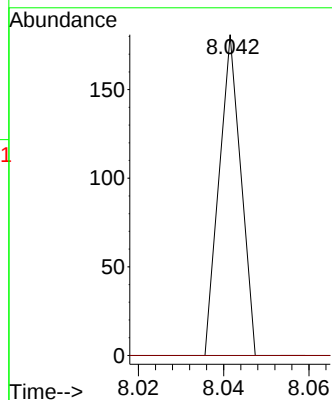
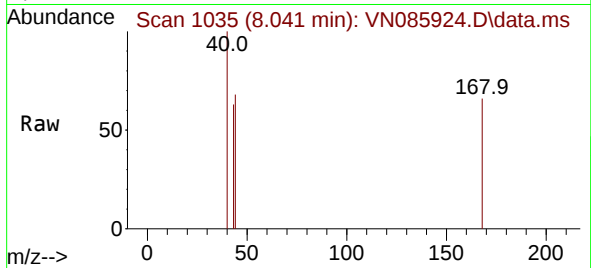




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.041 min Scan# 1
Delta R.T. -0.177 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

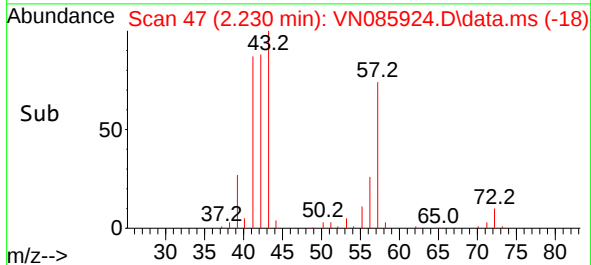
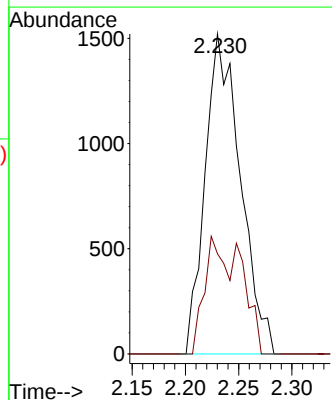
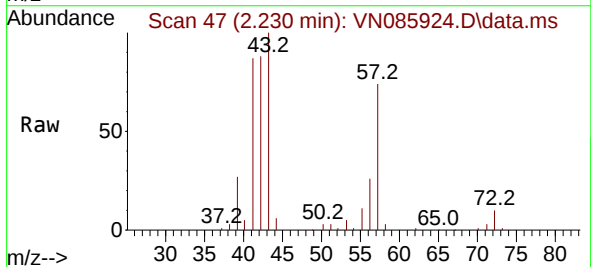
Instrument :
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ClientSampleId :

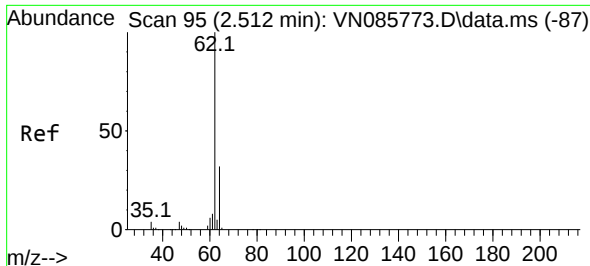
Tgt Ion:168 Resp: 64
Ion Ratio Lower Upper
168 100
99 0.0 47.9 71.9#



#3
Chloromethane
Concen: 4006.704 ug/l
RT: 2.230 min Scan# 47
Delta R.T. -0.129 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 50 Resp: 3500
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1

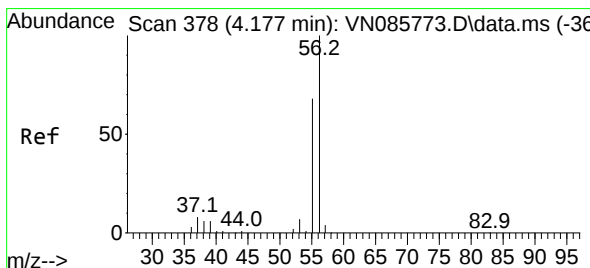
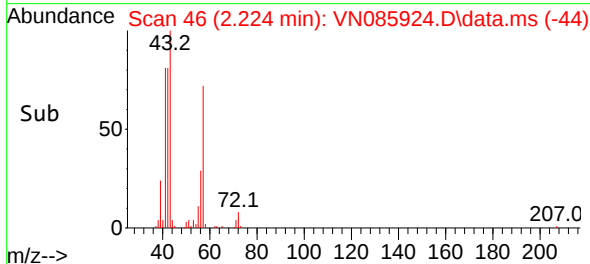
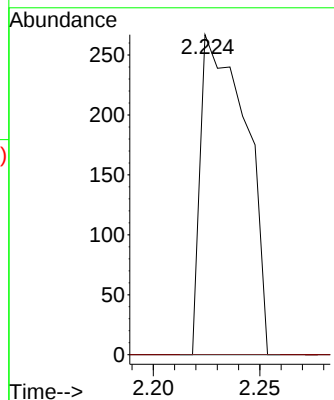
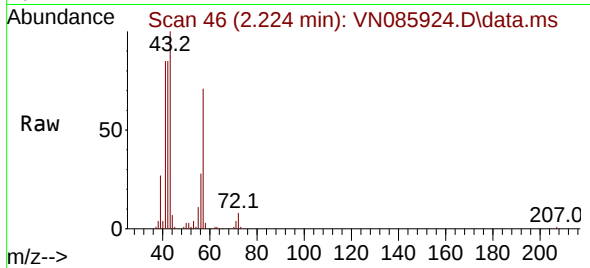




#4
 Vinyl Chloride
 Concen: 427.072 ug/l
 RT: 2.224 min Scan# 407
 Delta R.T. -0.288 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

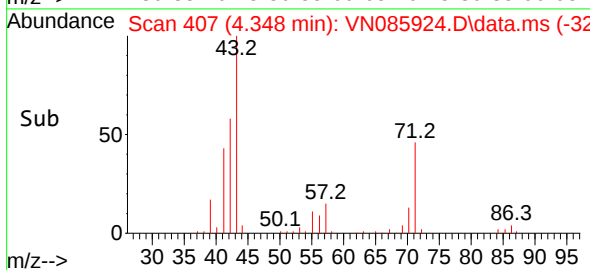
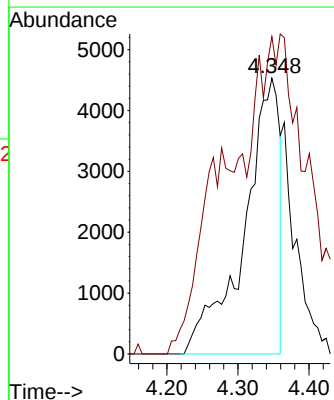
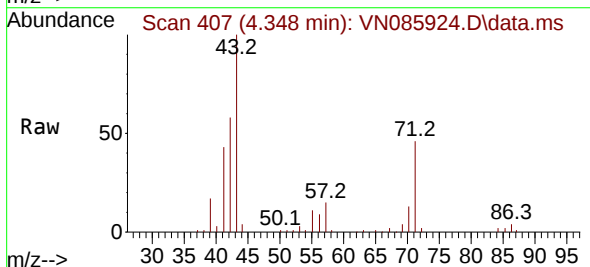
Instrument :
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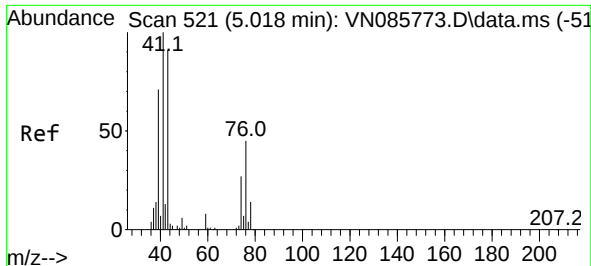
Tgt Ion: 62 Resp: 395
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.9 38.9#



#13
 Acrolein
 Concen: 102916.382 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.171 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

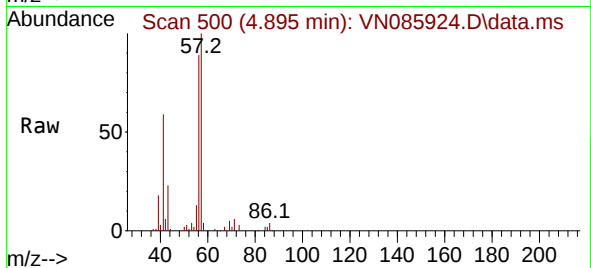
Tgt Ion: 56 Resp: 15575
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.3 82.9#



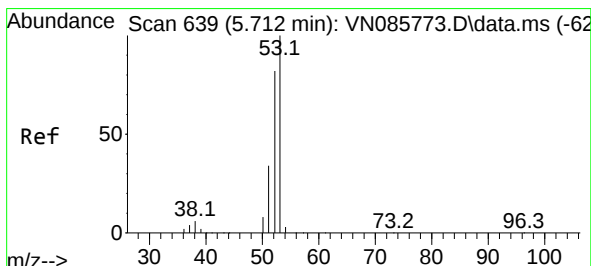
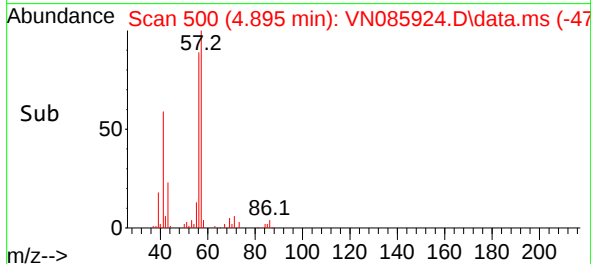
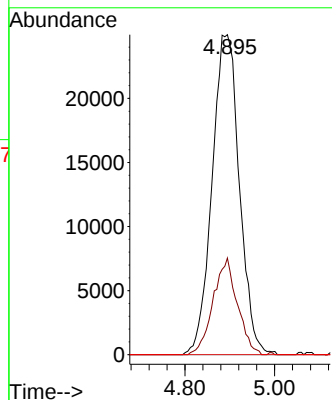


#14
 Allyl chloride
 Concen: 114860.793 ug/l
 RT: 4.895 min Scan# 50
 Delta R.T. -0.123 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

Instrument :
 MSVOA_N
 ClientSampleId :

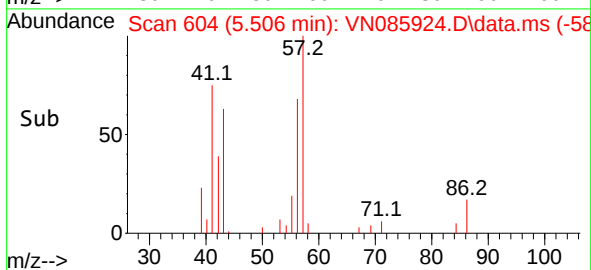
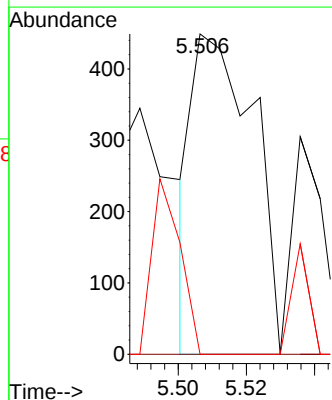
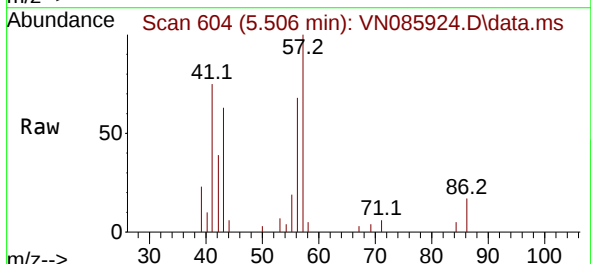


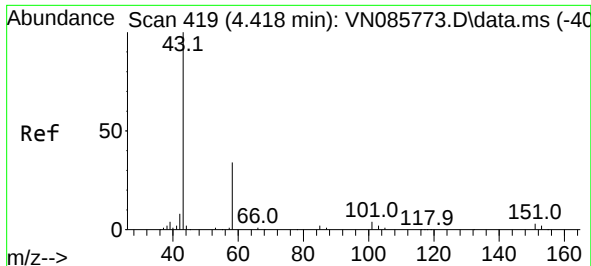
Tgt Ion: 41 Resp: 105841
 Ion Ratio Lower Upper
 41 100
 39 26.8 57.4 86.2#
 76 0.0 36.2 54.2#



#15
 Acrylonitrile
 Concen: 1672.884 ug/l
 RT: 5.506 min Scan# 604
 Delta R.T. -0.206 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

Tgt Ion: 53 Resp: 555
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.8 98.6#
 51 0.0 28.6 42.8#

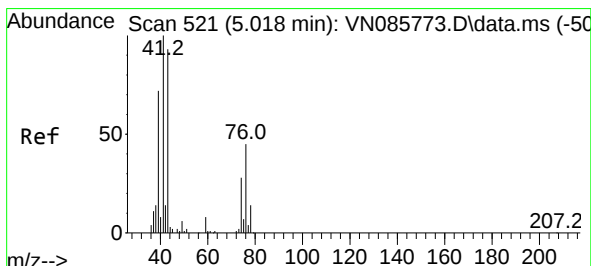
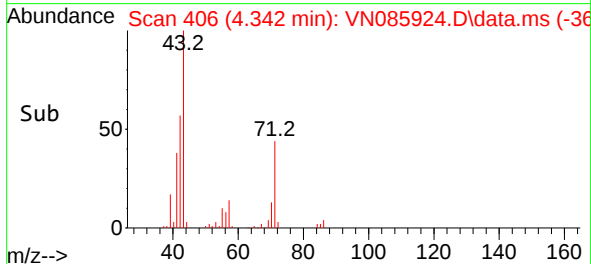
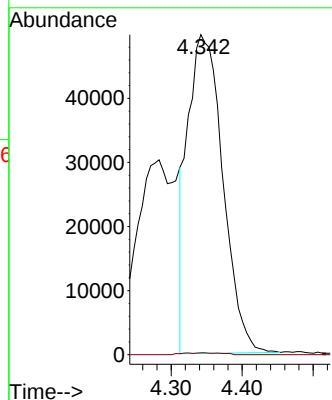
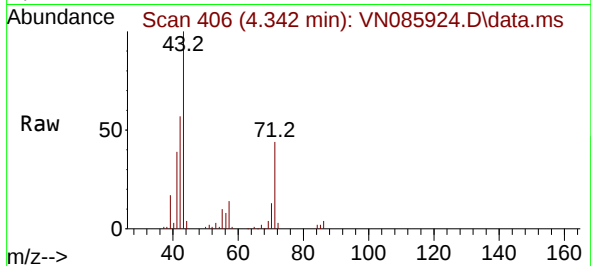




#16
Acetone
Concen: 650119.551 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.076 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

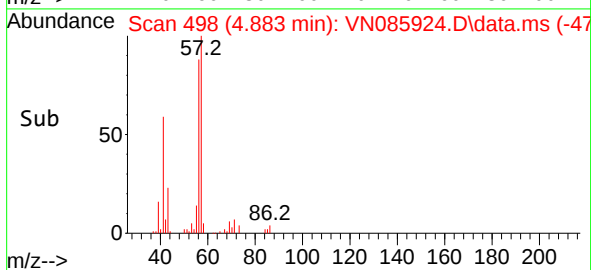
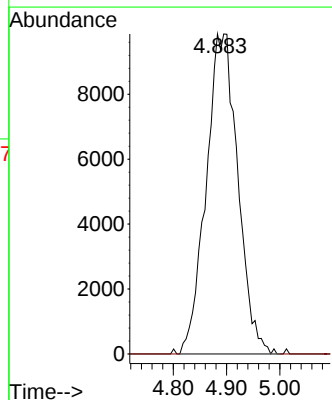
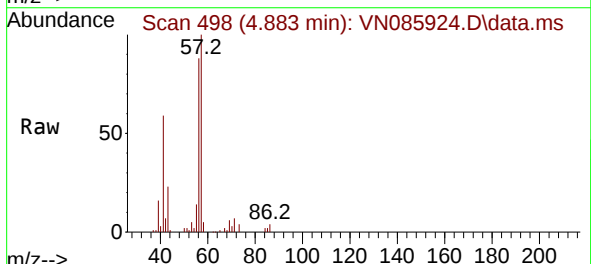
Instrument :
MSVOA_N
ClientSampleId :

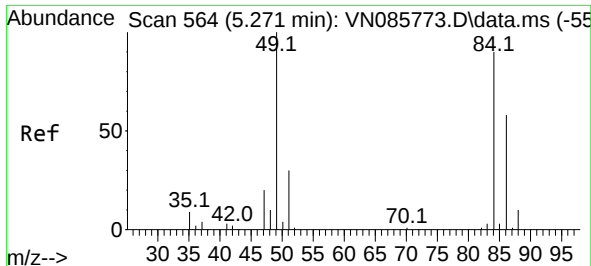
Tgt Ion: 43 Resp: 170685
Ion Ratio Lower Upper
43 100
58 0.6 27.5 41.3#



#18
Methyl Acetate
Concen: 45214.640 ug/l
RT: 4.883 min Scan# 498
Delta R.T. -0.135 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

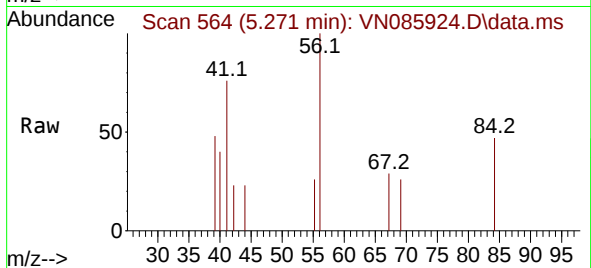
Tgt Ion: 43 Resp: 40830
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



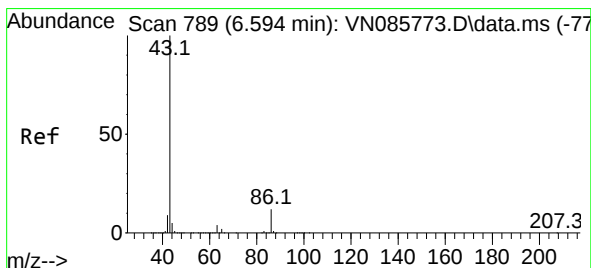
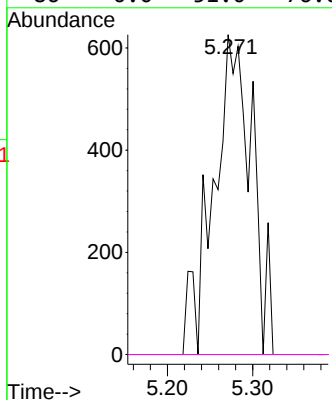
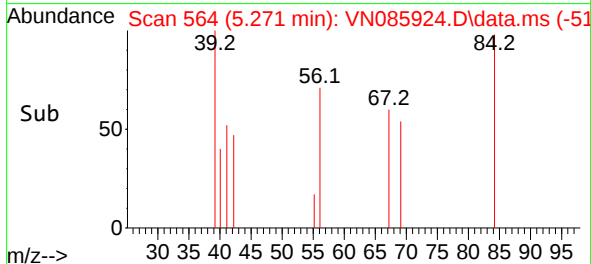


#20
Methylene Chloride
Concen: 2345.104 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
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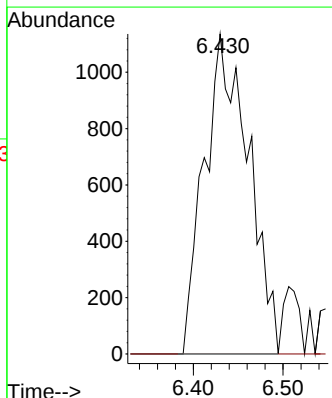
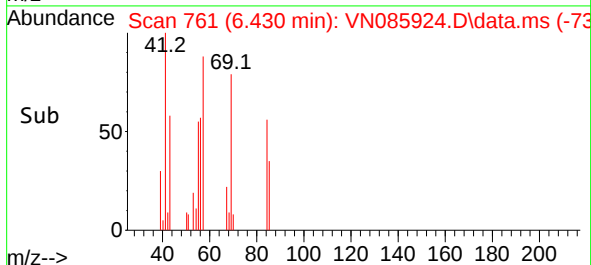
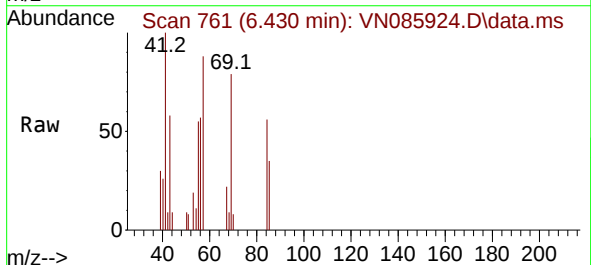


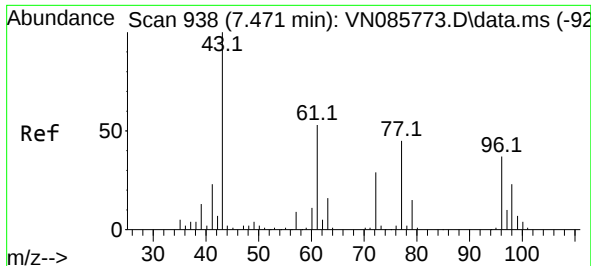
Tgt Ion:	84	Resp:	1980
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.4	132.6#
51	0.0	26.6	40.0#
86	0.0	51.0	76.6#



#23
Vinyl Acetate
Concen: 2722.248 ug/l
RT: 6.430 min Scan# 761
Delta R.T. -0.165 min
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Acq: 10 Mar 2025 19:12

Tgt Ion:	43	Resp:	3881
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.8#

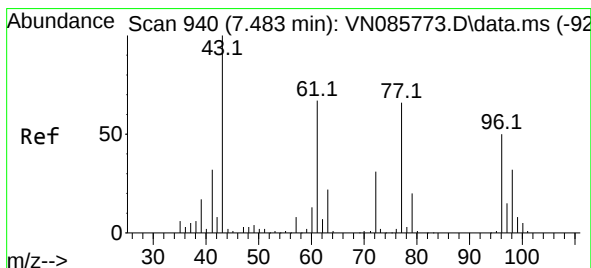
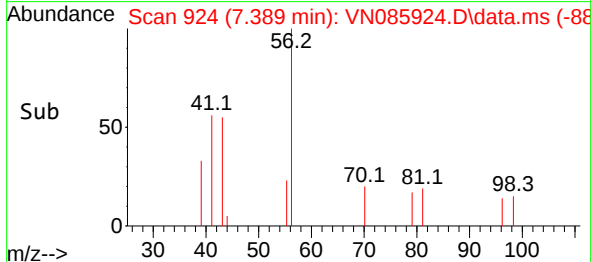
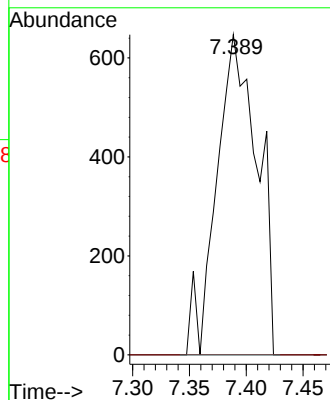
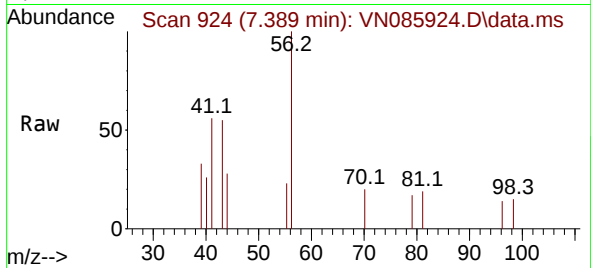




#25
2-Butanone
Concen: 4163.098 ug/l
RT: 7.389 min Scan# 91
Delta R.T. -0.082 min
Lab File: VN085924.D
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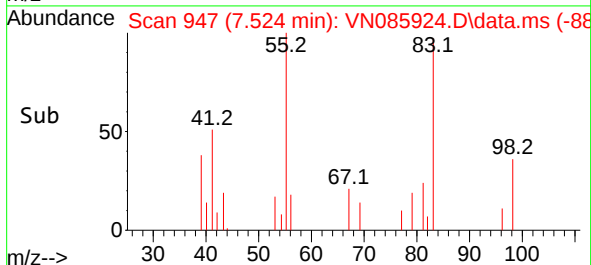
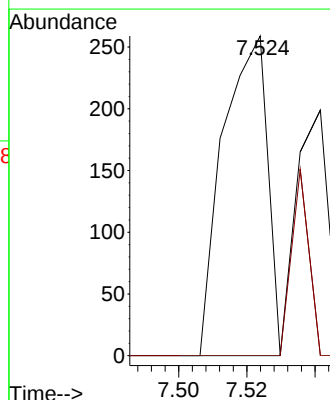
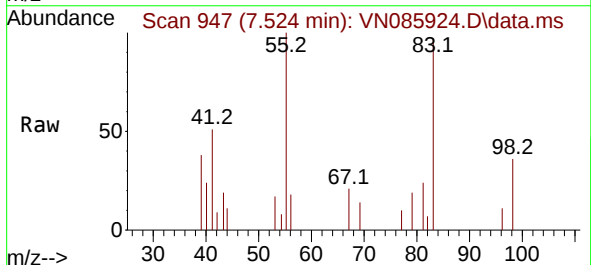
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ClientSampleId :

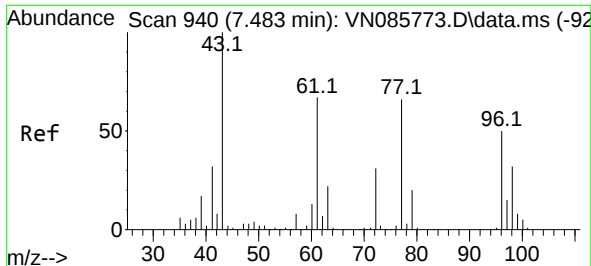
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
72 0.0 23.6 35.4#



#26
2,2-Dichloropropane
Concen: 185.917 ug/l
RT: 7.524 min Scan# 947
Delta R.T. 0.041 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

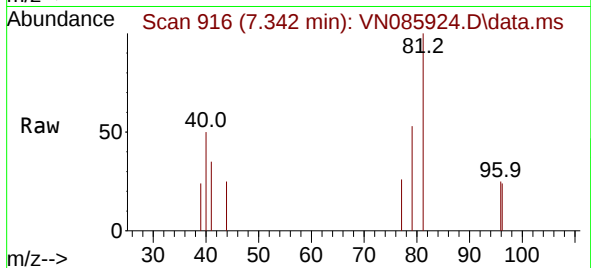
Tgt Ion: 77 Resp: 234
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8



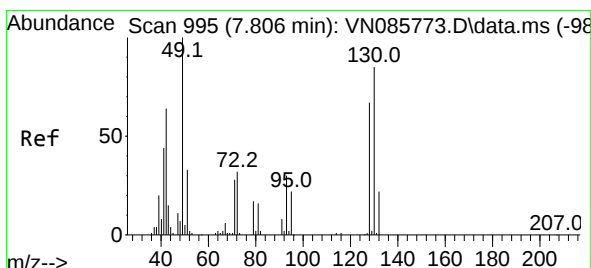
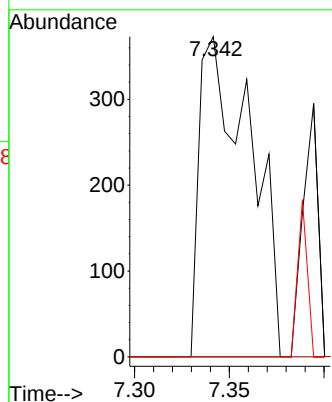
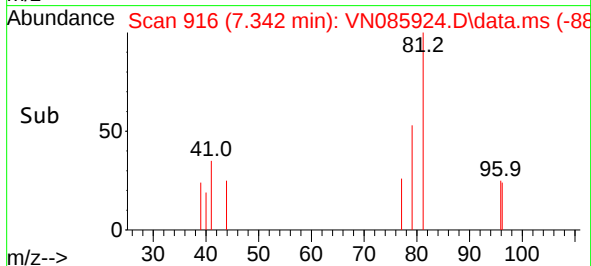


#27
 cis-1,2-Dichloroethene
 Concen: 790.862 ug/l
 RT: 7.342 min Scan# 91
 Delta R.T. -0.141 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

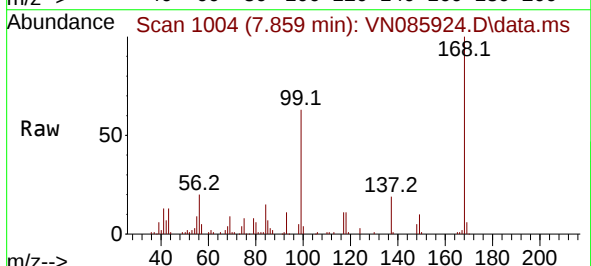
Instrument :
 MSVOA_N
 ClientSampleId :



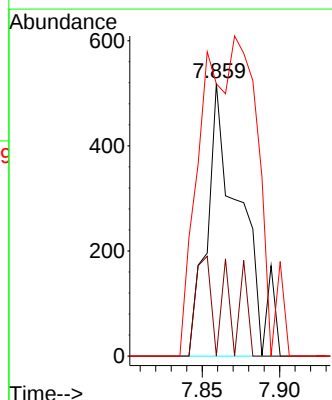
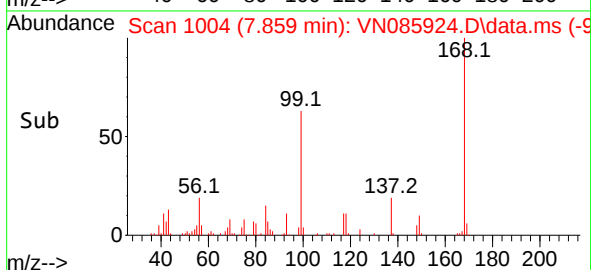
Tgt Ion: 96 Resp: 693
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 280.6
 98 0.0 0.0 128.6

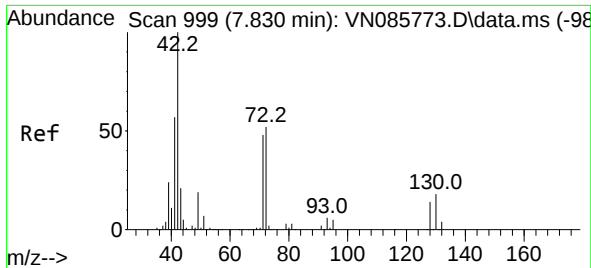


#28
 Bromochloromethane
 Concen: 1333.888 ug/l
 RT: 7.859 min Scan# 1004
 Delta R.T. 0.053 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12



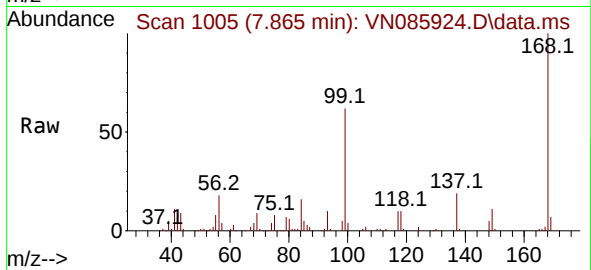
Tgt Ion: 49 Resp: 776
 Ion Ratio Lower Upper
 49 100
 129 16.8 0.0 3.8#
 130 200.9 68.0 102.0#



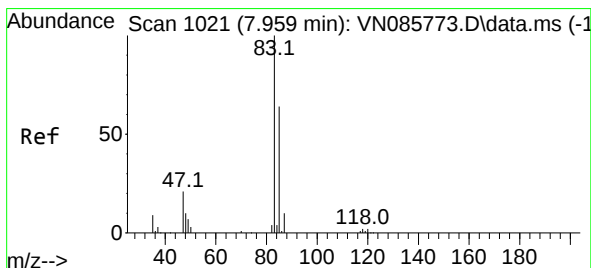
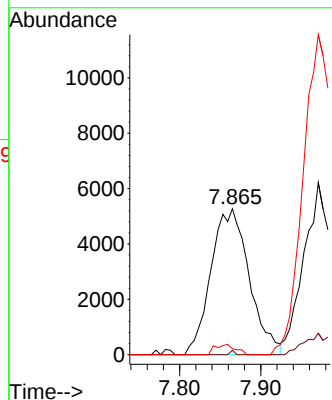
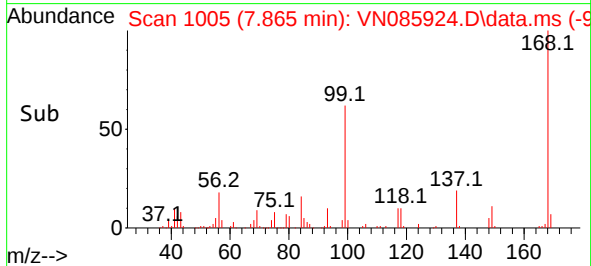


#29
Tetrahydrofuran
Concen: 69328.956 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.035 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

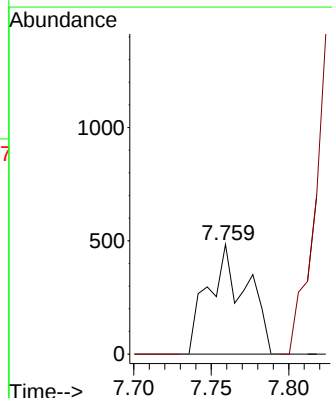
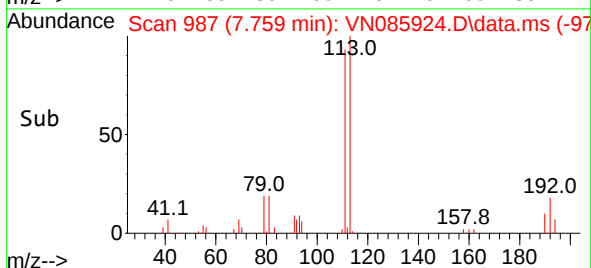
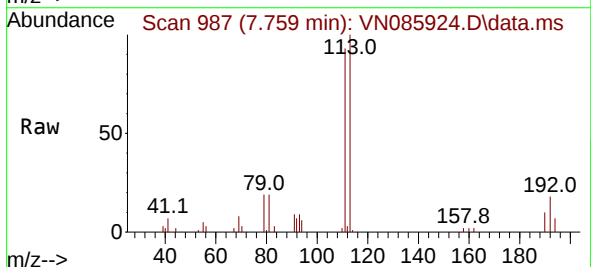


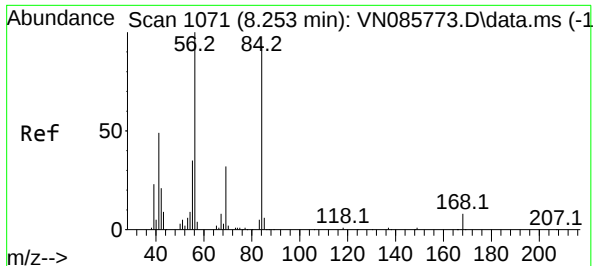
Tgt Ion: 42 Resp: 17292
Ion Ratio Lower Upper
42 100
72 0.3 40.0 60.0#
71 3.8 37.0 55.4#



#30
Chloroform
Concen: 561.799 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.200 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

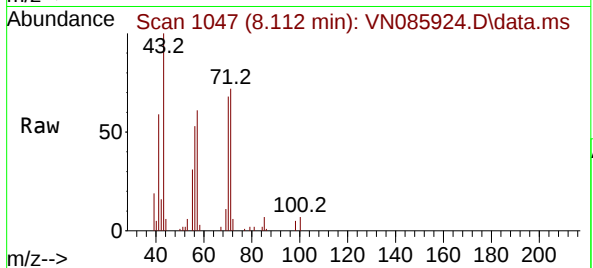
Tgt Ion: 83 Resp: 831
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#



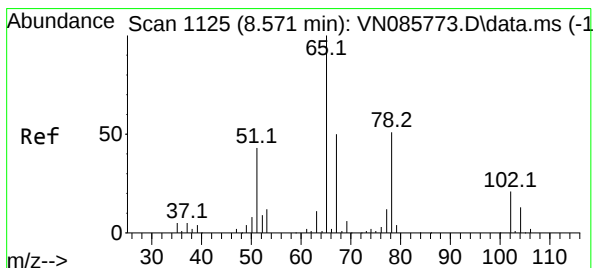
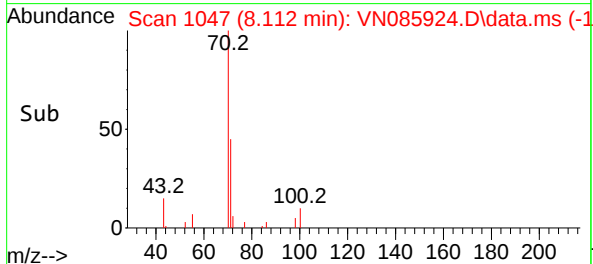
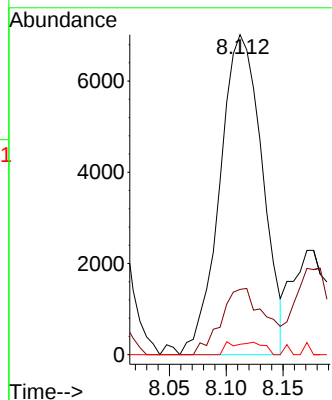


#31
Cyclohexane
Concen: 15395.943 ug/l
RT: 8.112 min Scan# 1071
Delta R.T. -0.141 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

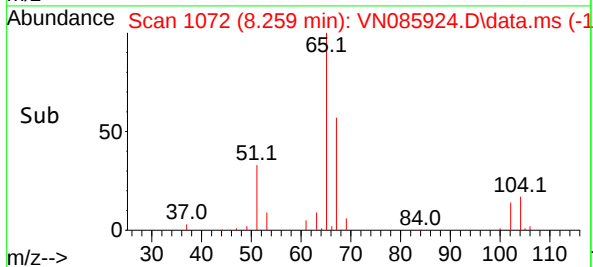
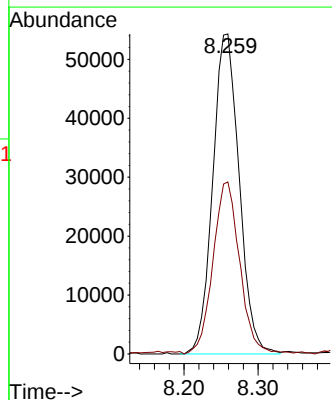
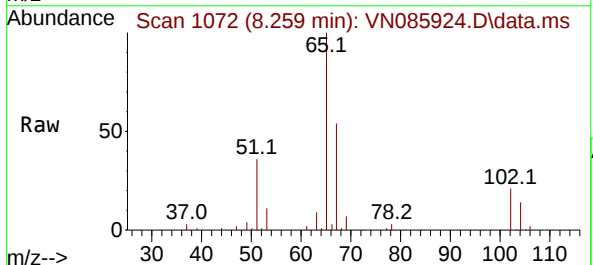


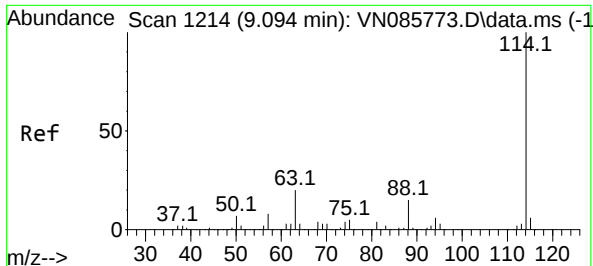
Tgt Ion: 56 Resp: 18246
Ion Ratio Lower Upper
56 100
69 20.4 25.8 38.6#
84 3.2 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 162152.423 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.312 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 65 Resp: 134544
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.235 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

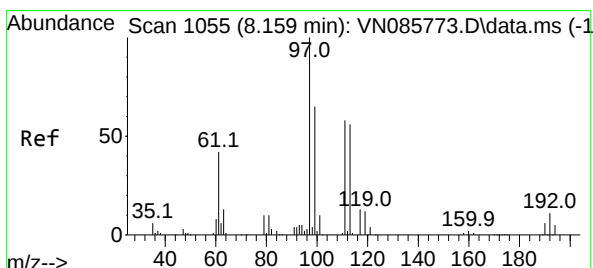
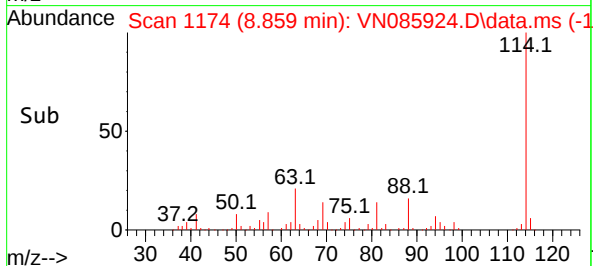
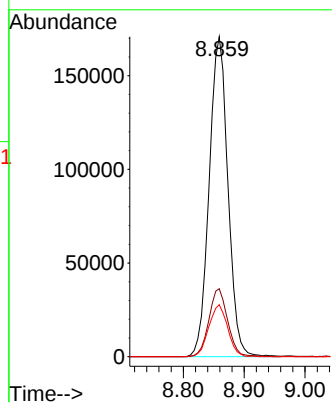
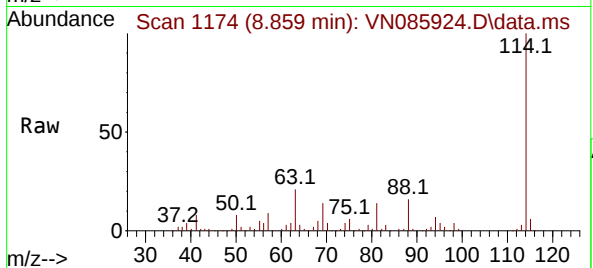
Tgt Ion:114 Resp: 365196

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 16.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.290 ug/l

RT: 7.783 min Scan# 991

Delta R.T. -0.376 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

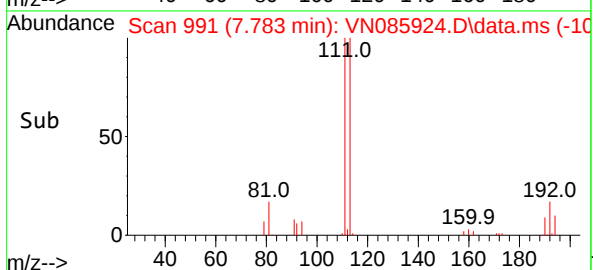
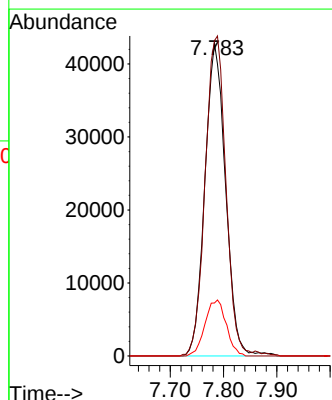
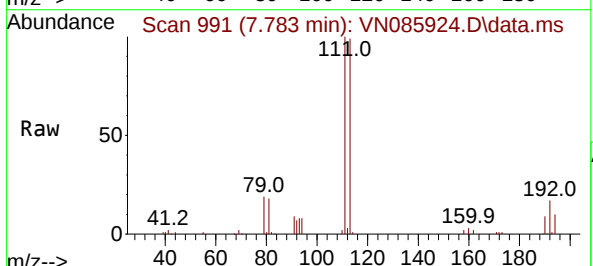
Tgt Ion:113 Resp: 115397

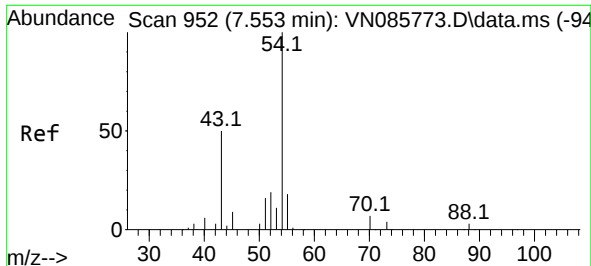
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.3 14.7 22.1





#37

Ethyl Acetate

Concen: 0.578 ug/l

RT: 7.389 min Scan# 91

Delta R.T. -0.165 min

Lab File: VN085924.D

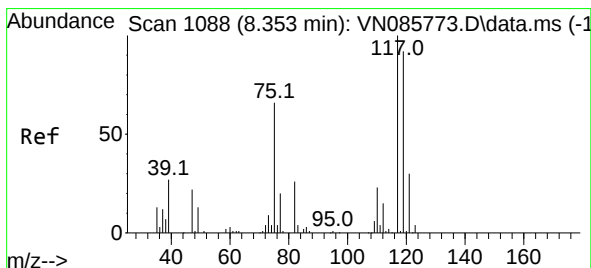
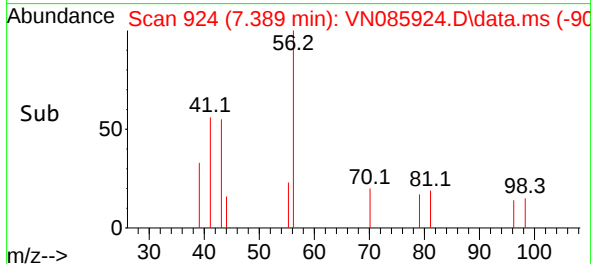
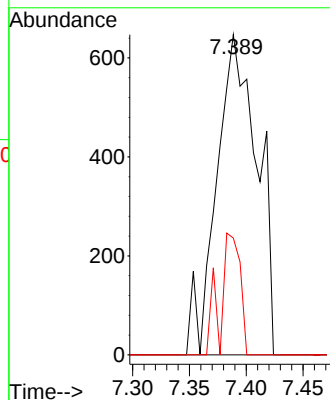
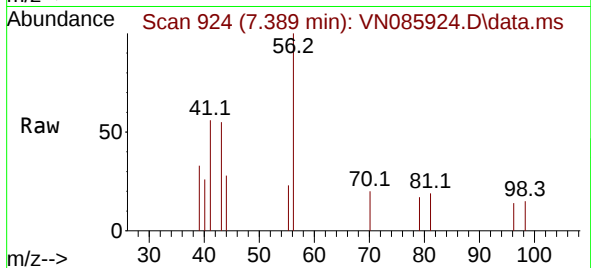
Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 1608
Ion Ratio	Lower Upper
43	100
61	0.0 12.2 18.2#
70	18.6 9.5 14.3#



#38

Carbon Tetrachloride

Concen: 3.604 ug/l

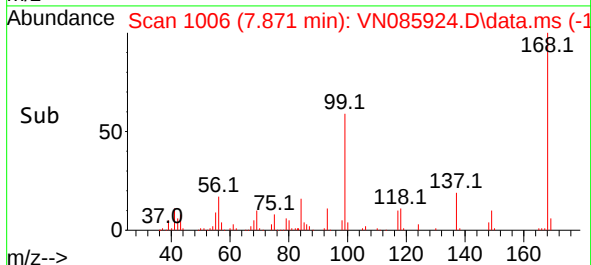
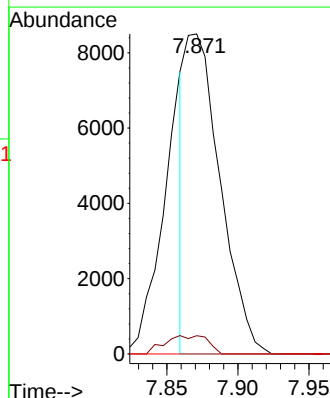
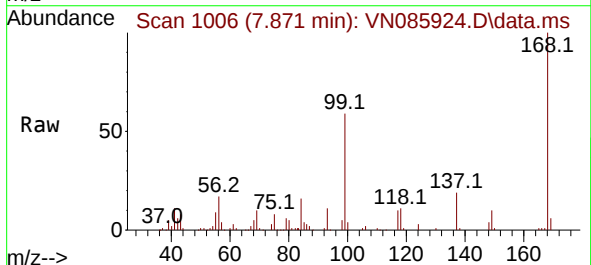
RT: 7.871 min Scan# 1006

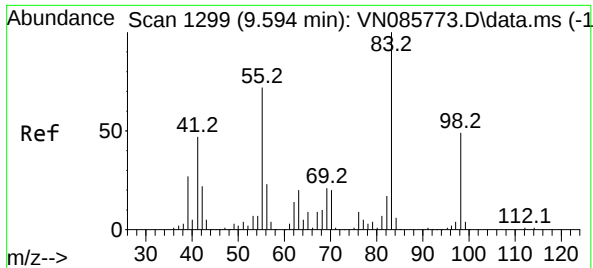
Delta R.T. -0.482 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Tgt Ion: 117	Resp: 14481
Ion Ratio	Lower Upper
117	100
119	5.7 73.8 110.6#
121	0.0 24.3 36.5#

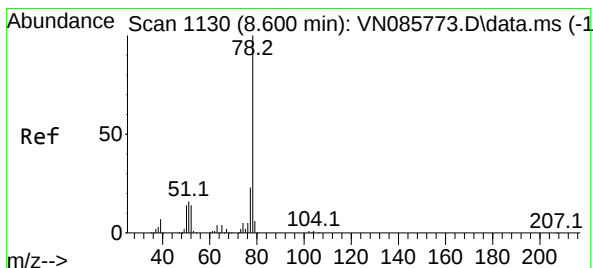
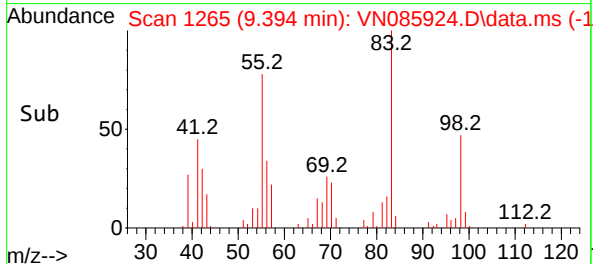
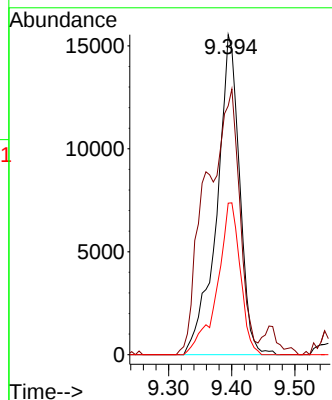
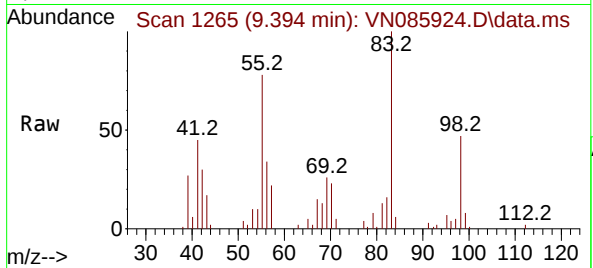




#39
Methylcyclohexane
Concen: 11.754 ug/l
RT: 9.394 min Scan# 11
Delta R.T. -0.200 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

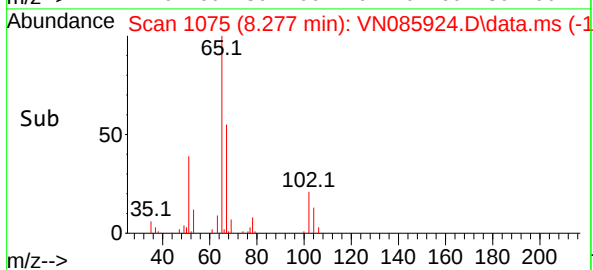
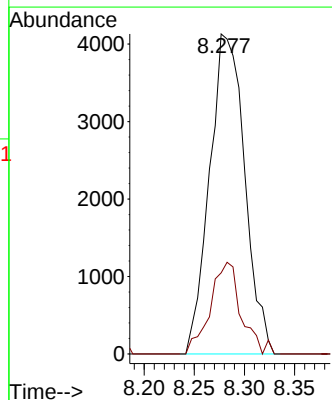
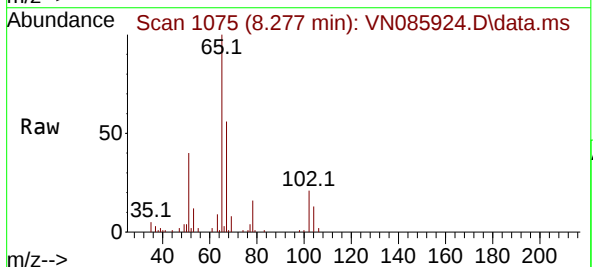
Instrument :
MSVOA_N
ClientSampleId :

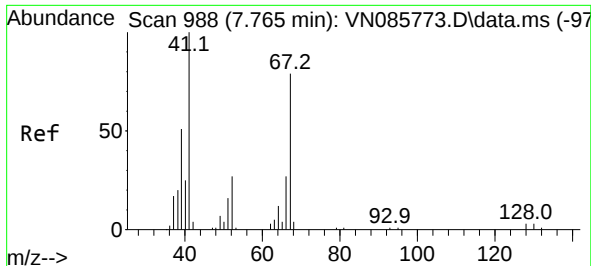
Tgt Ion: 83 Resp: 39054
Ion Ratio Lower Upper
83 100
55 76.4 57.5 86.3
98 47.4 39.2 58.8



#40
Benzene
Concen: 0.929 ug/l
RT: 8.277 min Scan# 1075
Delta R.T. -0.323 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

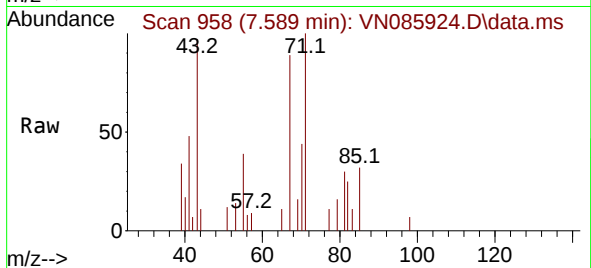
Tgt Ion: 78 Resp: 10070
Ion Ratio Lower Upper
78 100
77 25.3 18.3 27.5



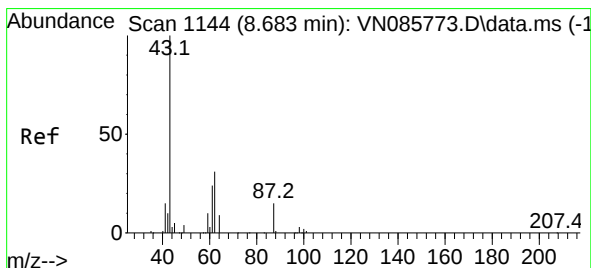
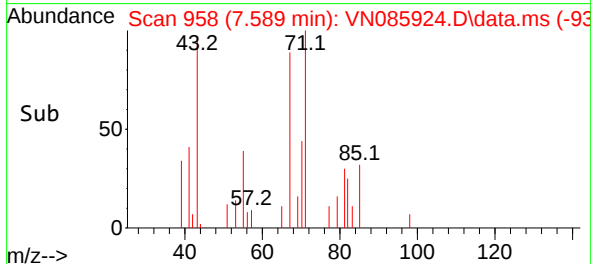
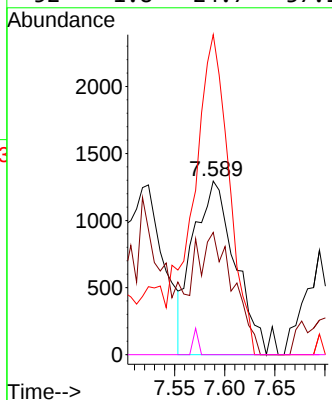


#41
Methacrylonitrile
Concen: 2.572 ug/l
RT: 7.589 min Scan# 91
Delta R.T. -0.176 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

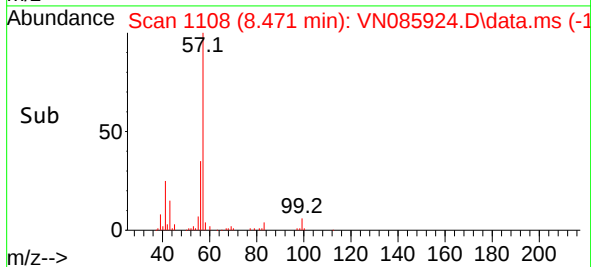
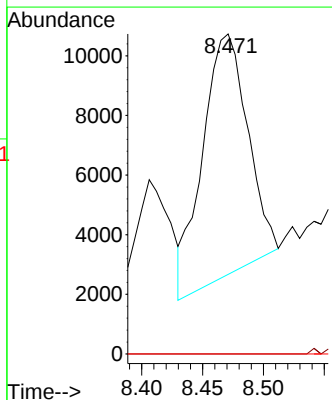
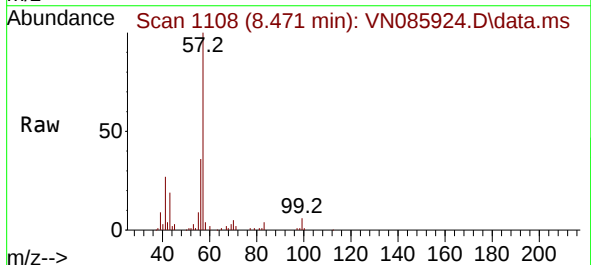


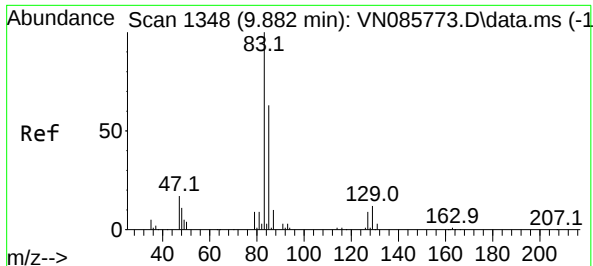
Tgt Ion:	41	Resp:	3826
Ion	Ratio	Lower	Upper
41	100		
39	59.7	42.0	63.0
67	156.4	64.2	96.4#
52	1.8	24.7	37.1#



#43
Isopropyl Acetate
Concen: 3.830 ug/l
RT: 8.471 min Scan# 1108
Delta R.T. -0.212 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion:	43	Resp:	21173
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.6	34.0#
87	0.0	11.8	17.8#





#47

Bromodichloromethane

Concen: 0.430 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.288 min

Lab File: VN085924.D

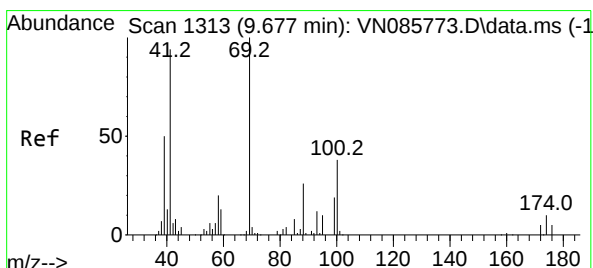
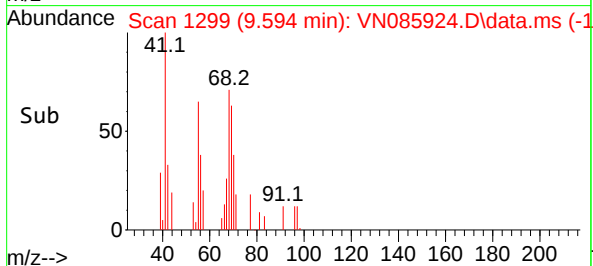
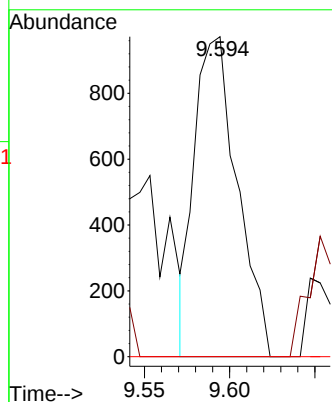
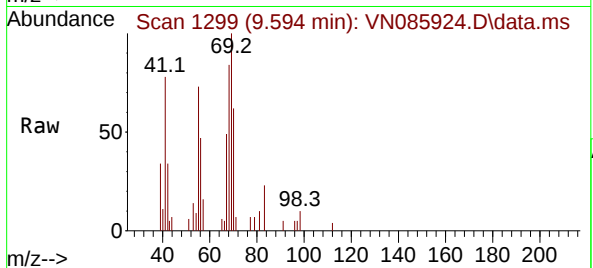
Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	1697
Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.5	75.7#
127	0.0	7.2	10.8#



#48

Methyl methacrylate

Concen: 7.155 ug/l

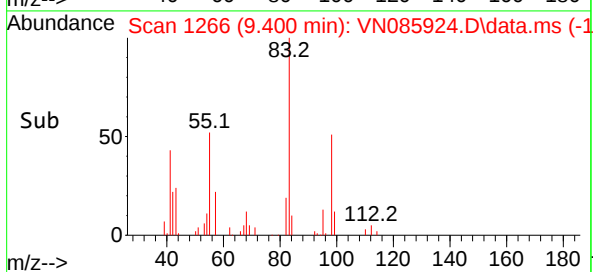
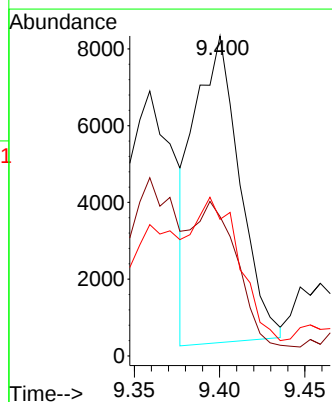
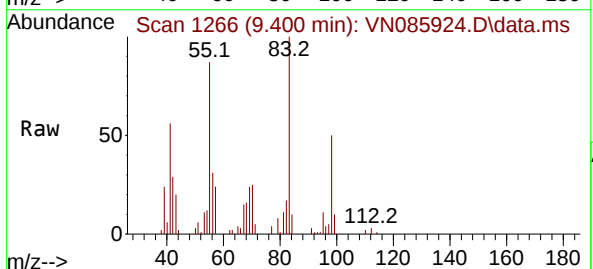
RT: 9.400 min Scan# 1266

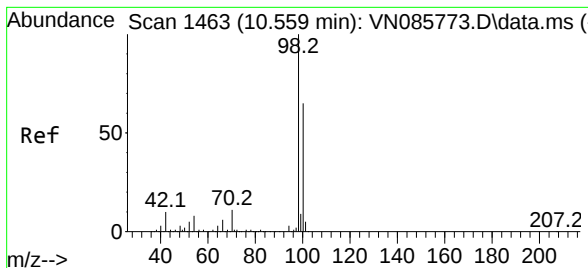
Delta R.T. -0.276 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Tgt Ion:	41	Resp:	14789
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	47.2	42.3	63.5

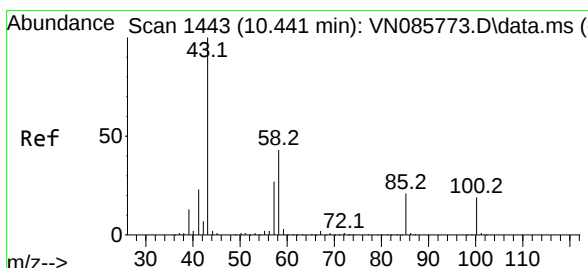
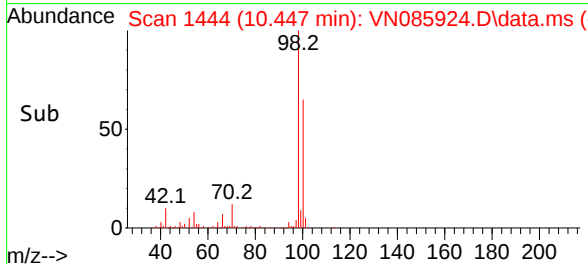
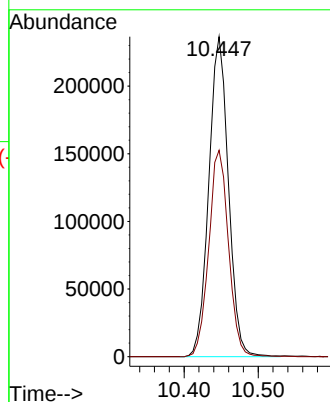
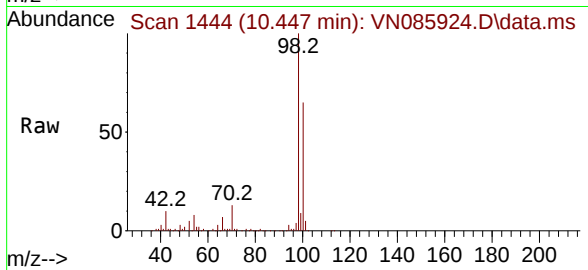




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.447 min Scan# 1463
Delta R.T. -0.112 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

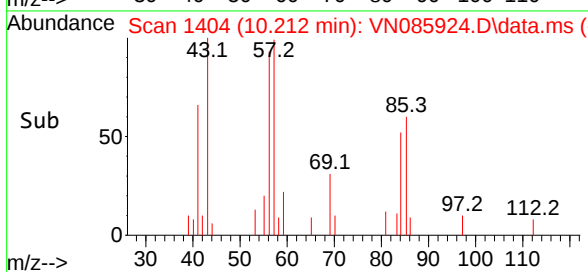
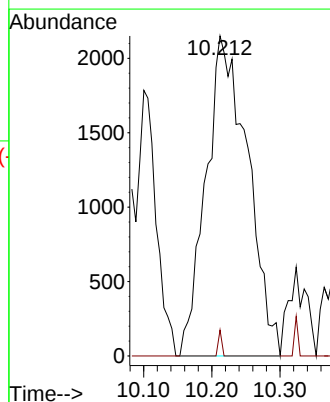
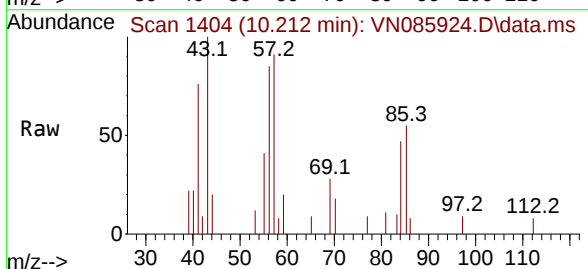
Instrument :
MSVOA_N
ClientSampleId :

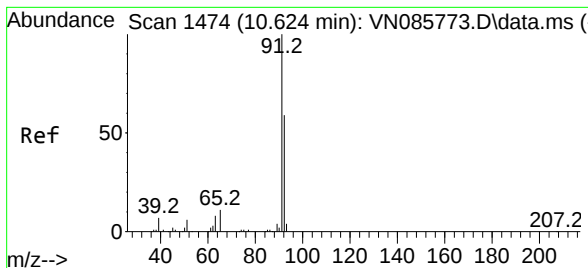
Tgt Ion: 98 Resp: 434609
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 3.409 ug/l
RT: 10.212 min Scan# 1404
Delta R.T. -0.229 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 43 Resp: 9149
Ion Ratio Lower Upper
43 100
58 0.7 34.6 52.0#





#52

Toluene

Concen: 0.411 ug/l

RT: 10.518 min Scan# 14

Delta R.T. -0.106 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

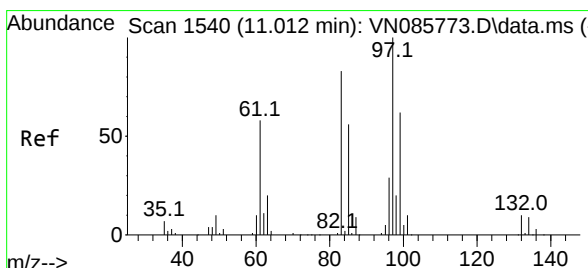
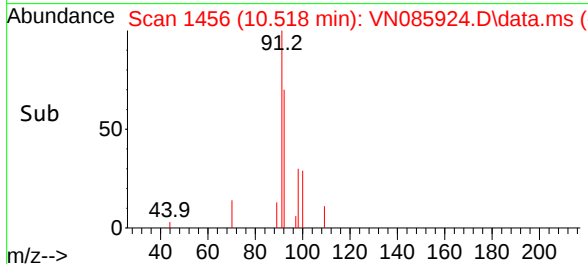
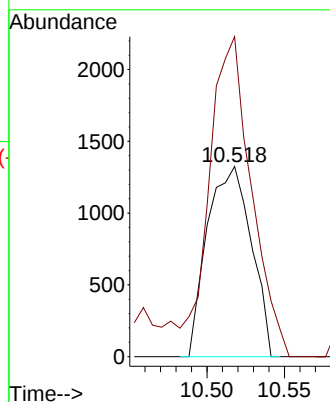
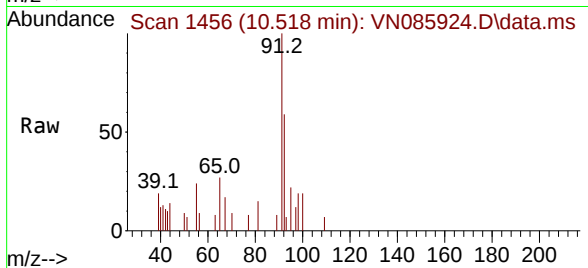
ClientSampleId :

Tgt Ion: 92 Resp: 2610

Ion Ratio Lower Upper

92 100

91 160.4 136.9 205.3



#55

1,1,2-Trichloroethane

Concen: 1.374 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.194 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Tgt Ion: 97 Resp: 3472

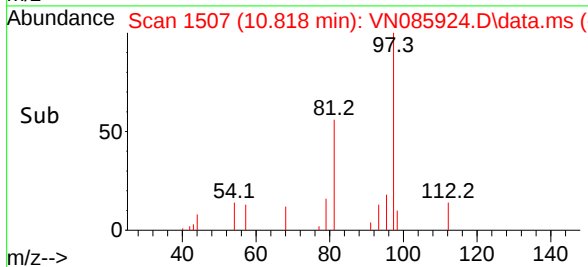
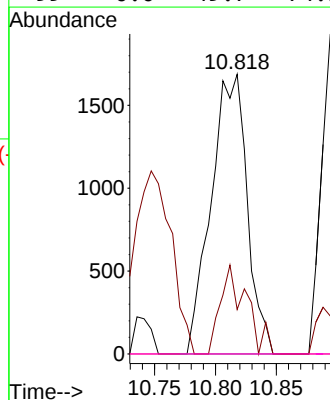
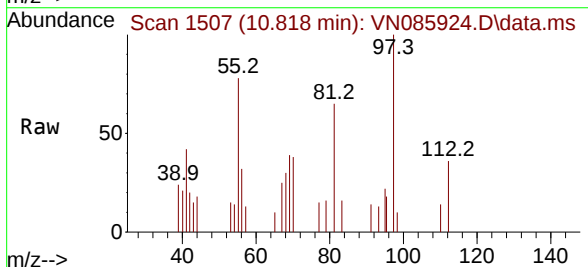
Ion Ratio Lower Upper

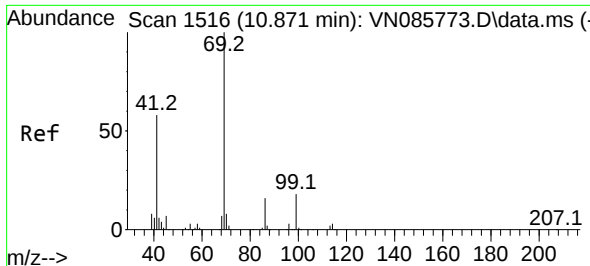
97 100

83 15.9 66.1 99.1#

85 0.0 44.7 67.1#

99 0.0 49.7 74.5#

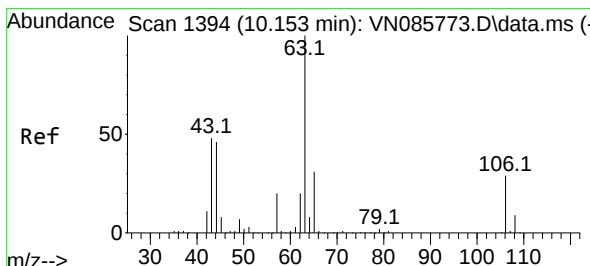
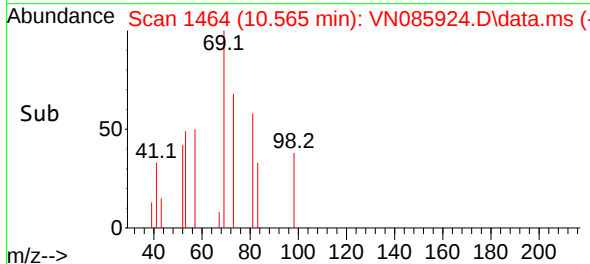
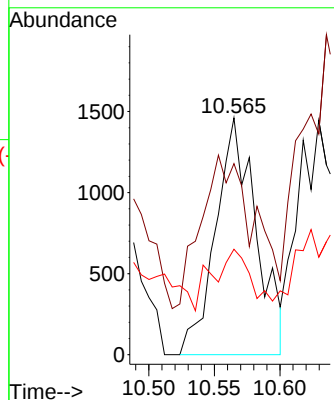
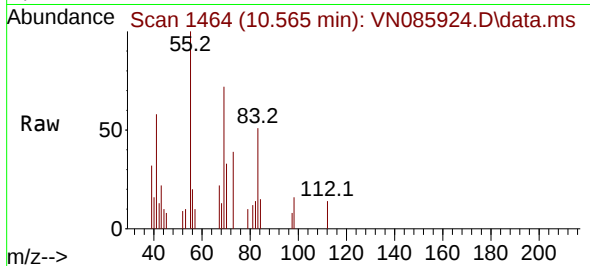




#56
Ethyl methacrylate
Concen: 1.421 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.306 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

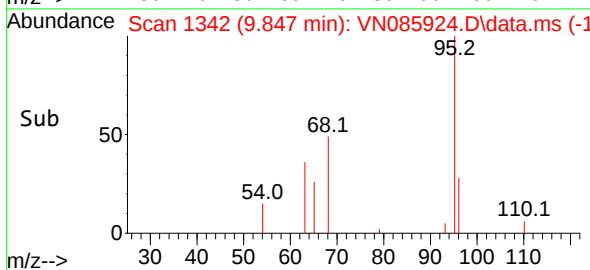
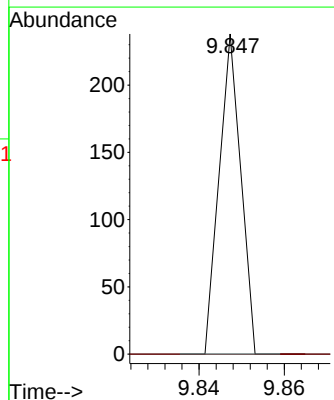
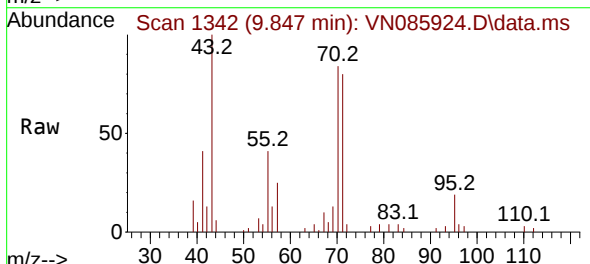
Instrument : MSVOA_N
ClientSampleId :

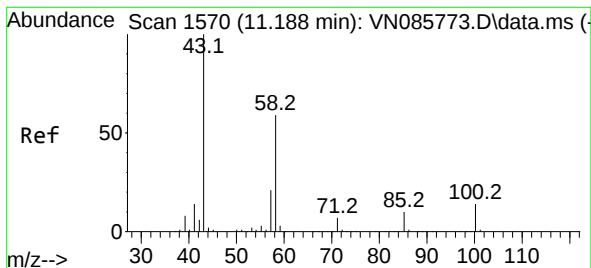
Tgt Ion: 69 Resp: 3133
Ion Ratio Lower Upper
69 100
41 84.9 46.0 69.0#
39 42.9 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.847 min Scan# 1342
Delta R.T. -0.306 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 63 Resp: 84
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#

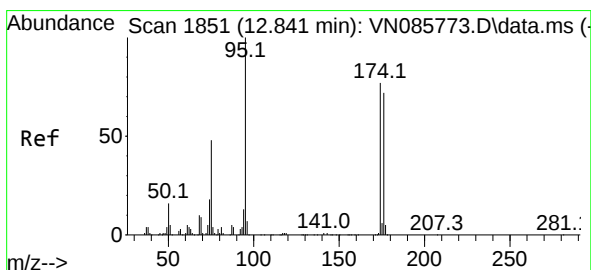
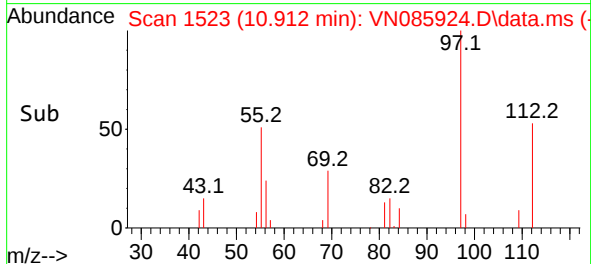
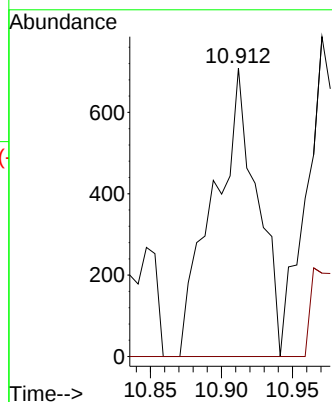
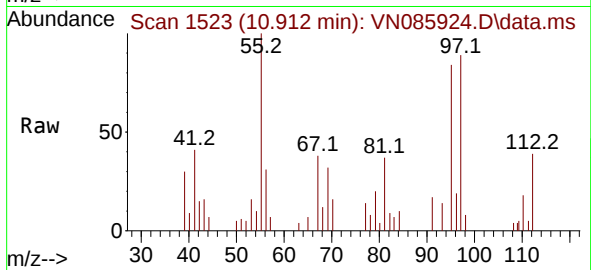




#59
2-Hexanone
Concen: 0.811 ug/l
RT: 10.912 min Scan# 11
Delta R.T. -0.276 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

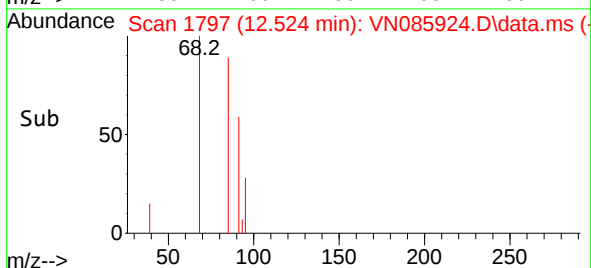
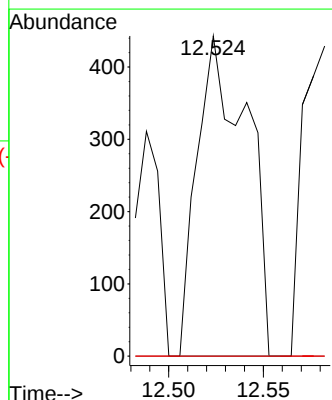
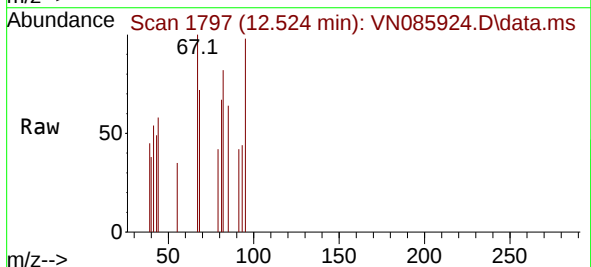
Instrument :
MSVOA_N
ClientSampleId :

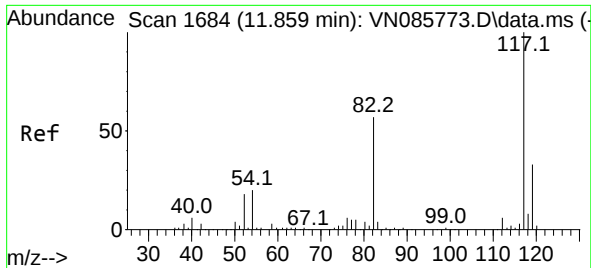
Tgt Ion: 43 Resp: 1497
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 0.282 ug/l
RT: 12.524 min Scan# 1797
Delta R.T. -0.317 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 95 Resp: 809
Ion Ratio Lower Upper
95 100
174 0.0 0.0 152.4
176 0.0 0.0 146.6

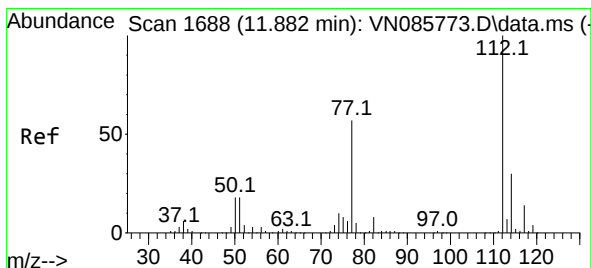
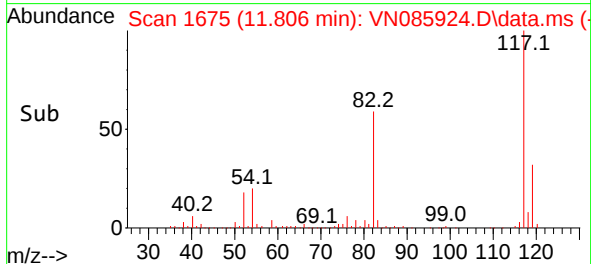
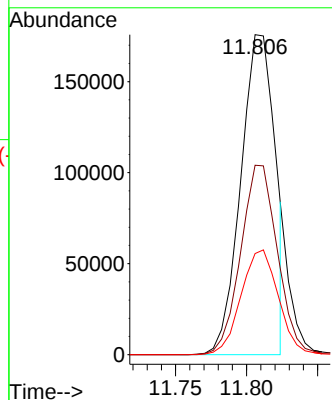
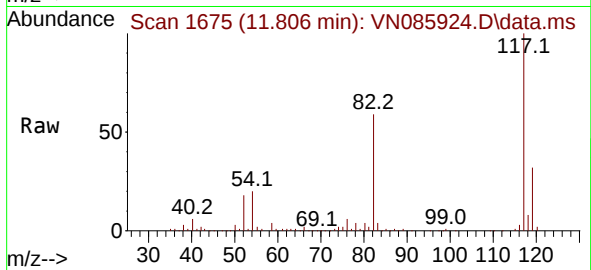




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.806 min Scan# 117
Delta R.T. -0.053 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

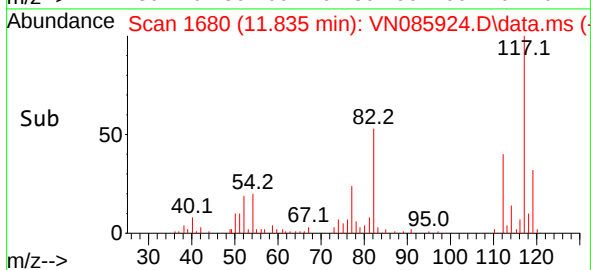
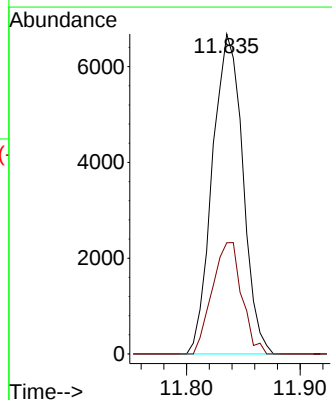
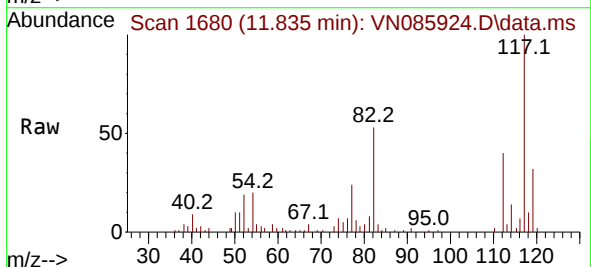
Instrument :
MSVOA_N
ClientSampleId :

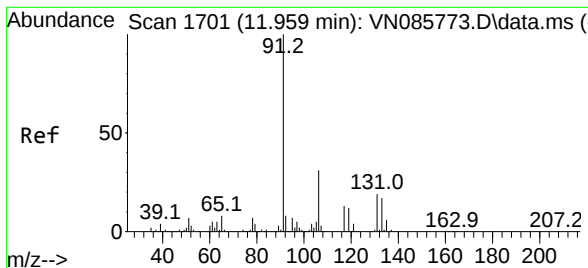
Tgt Ion:117 Resp: 297123
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 31.6 26.2 39.2



#65
Chlorobenzene
Concen: 1.829 ug/l
RT: 11.835 min Scan# 1680
Delta R.T. -0.047 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion:112 Resp: 12447
Ion Ratio Lower Upper
112 100
114 34.7 24.3 36.5

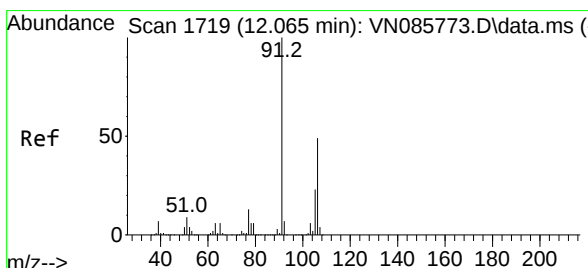
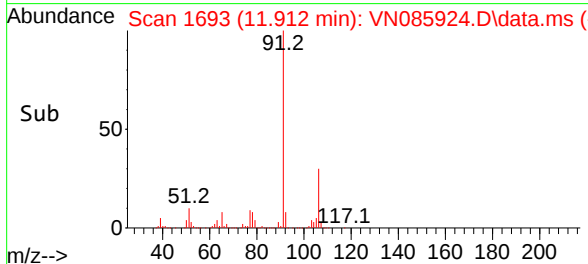
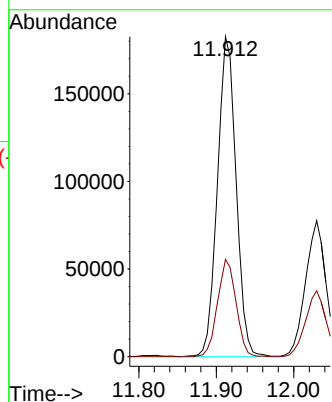
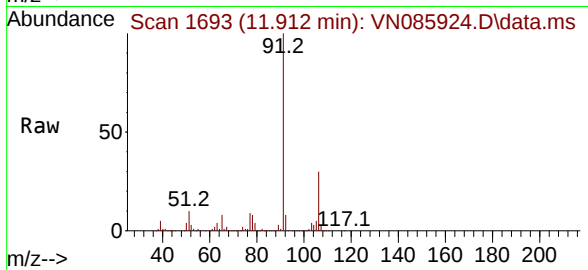




#67
Ethyl Benzene
Concen: 28.724 ug/l
RT: 11.912 min Scan# 1701
Delta R.T. -0.047 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

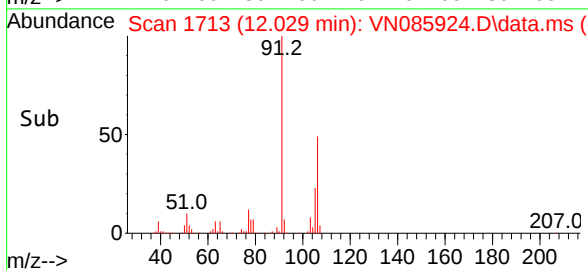
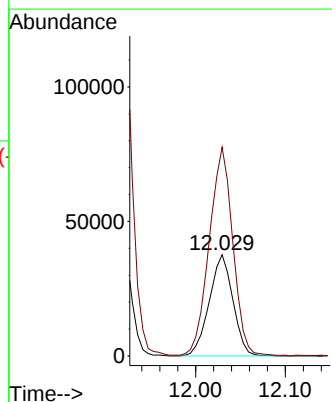
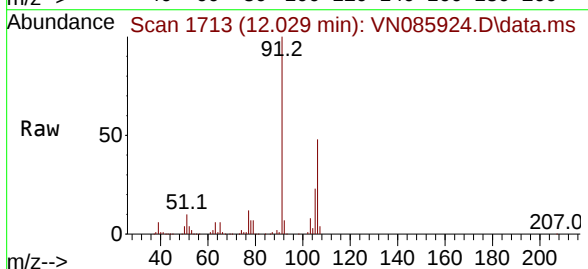
Instrument :
MSVOA_N
ClientSampleId :

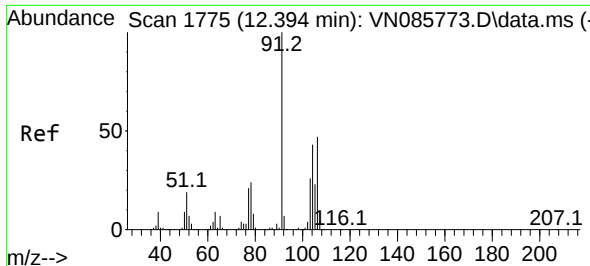
Tgt Ion: 91 Resp: 306267
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 16.993 ug/l
RT: 12.029 min Scan# 1713
Delta R.T. -0.036 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion:106 Resp: 68822
Ion Ratio Lower Upper
106 100
91 206.5 163.3 244.9

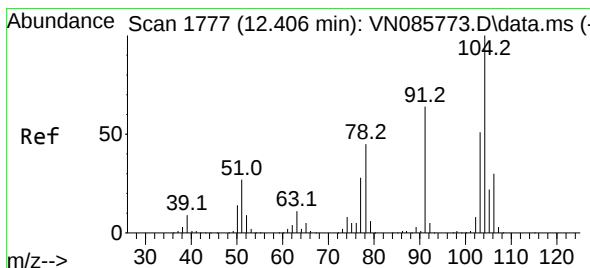
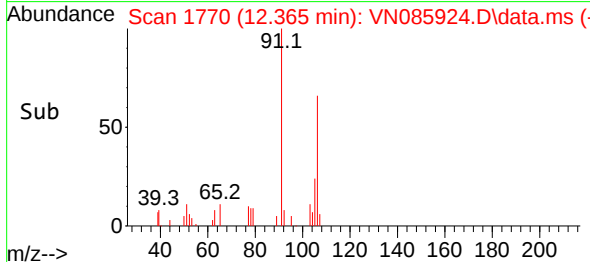
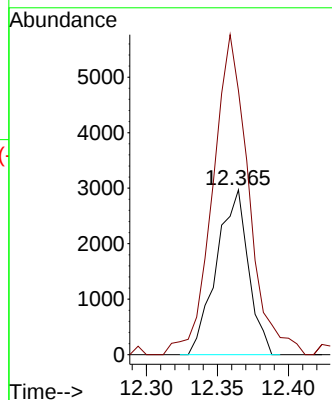
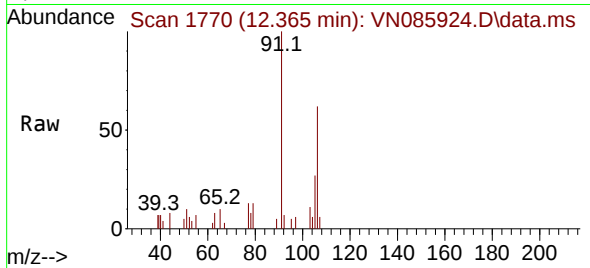




#69
o-Xylene
Concen: 1.206 ug/l
RT: 12.365 min Scan# 1769
Delta R.T. -0.029 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

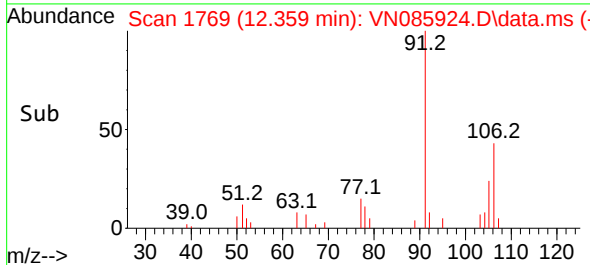
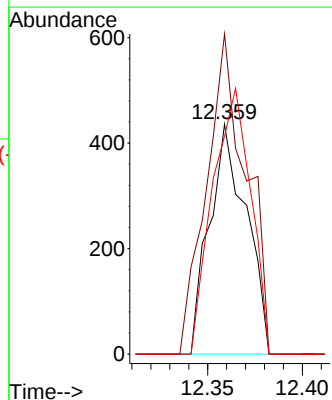
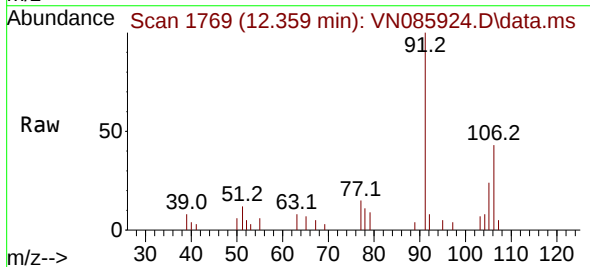
Instrument :
MSVOA_N
ClientSampleId :

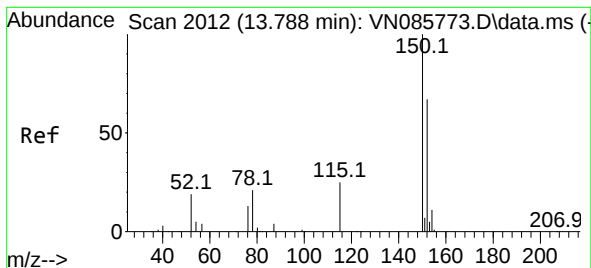
Tgt Ion:106 Resp: 4643
Ion Ratio Lower Upper
106 100
91 218.6 107.1 321.4



#70
Styrene
Concen: 0.674 ug/l
RT: 12.359 min Scan# 1769
Delta R.T. -0.047 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion:104 Resp: 590
Ion Ratio Lower Upper
104 100
78 149.2 39.0 58.6#
103 119.5 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.776 min Scan# 2012

Delta R.T. -0.012 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

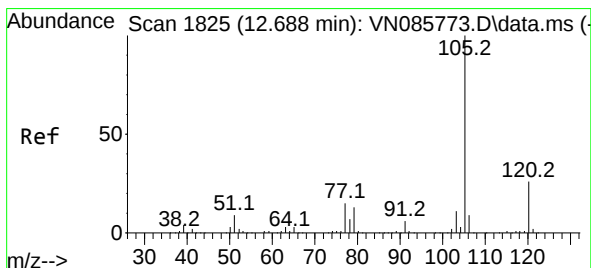
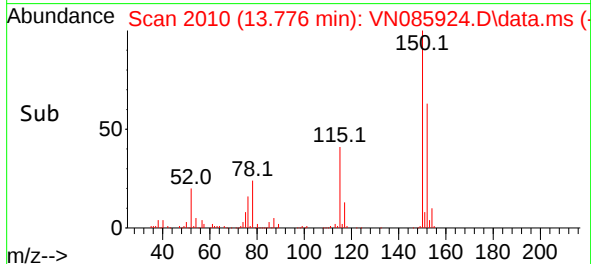
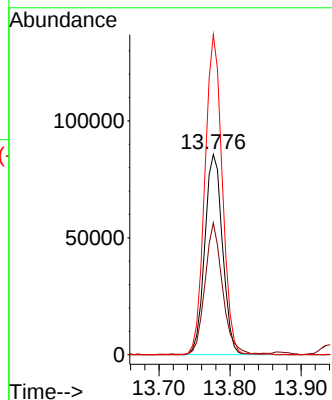
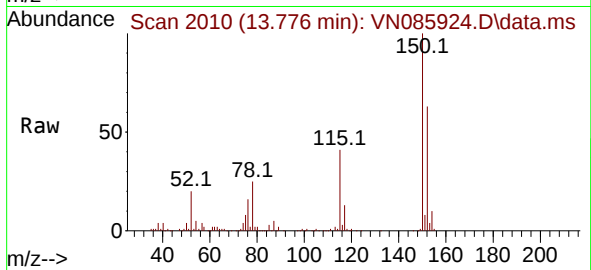
Tgt Ion:152 Resp: 148874

Ion Ratio Lower Upper

152 100

115 65.3 30.4 91.3

150 156.4 0.0 345.4



#73

Isopropylbenzene

Concen: 9.303 ug/l

RT: 12.665 min Scan# 1821

Delta R.T. -0.023 min

Lab File: VN085924.D

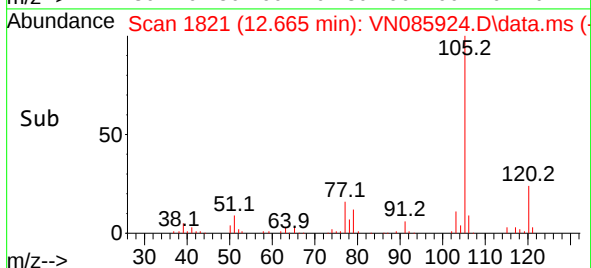
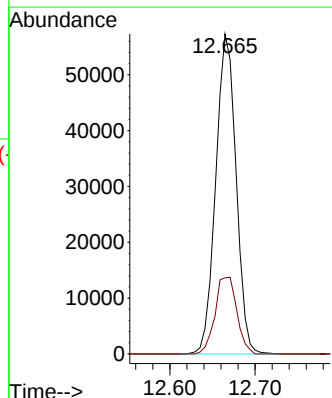
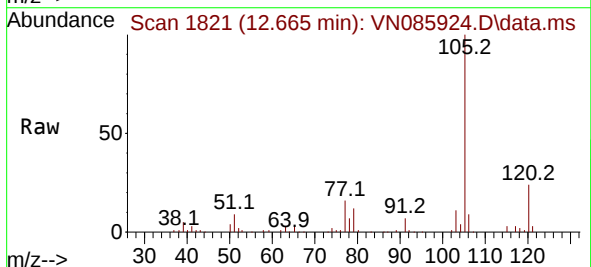
Acq: 10 Mar 2025 19:12

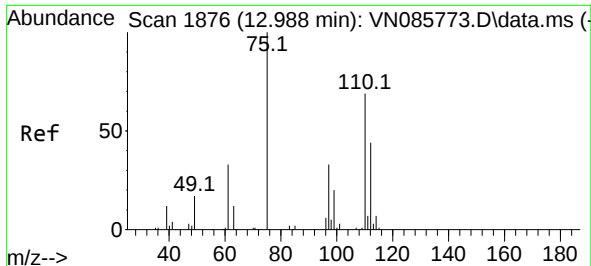
Tgt Ion:105 Resp: 94886

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0

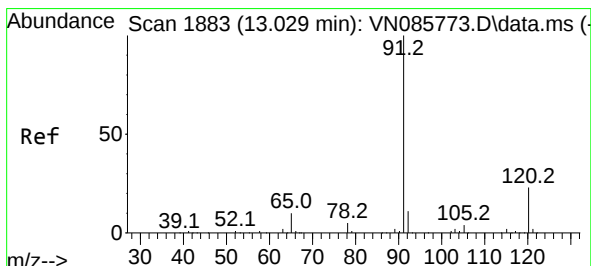
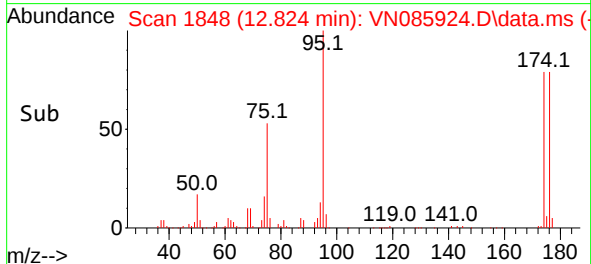
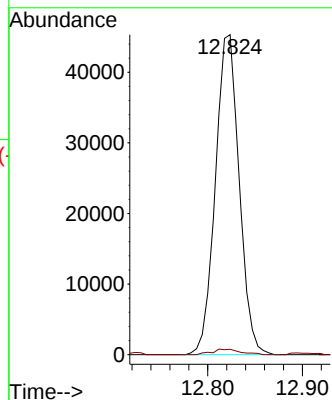
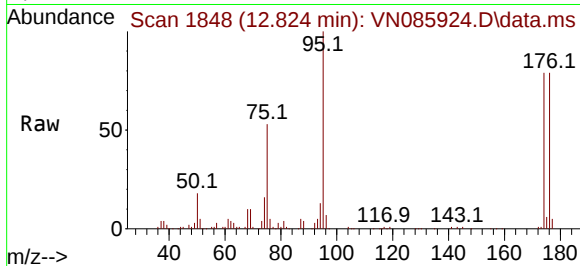




#76
1,2,3-Trichloropropane
Concen: 23.932 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. -0.165 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

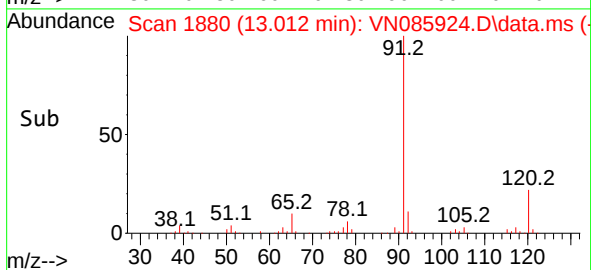
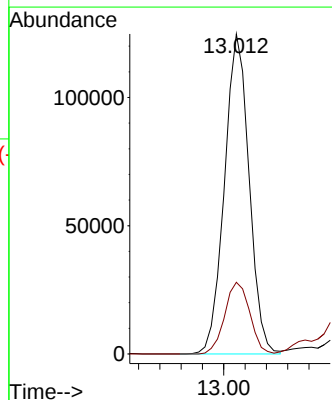
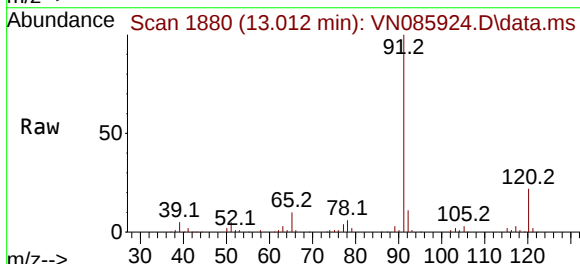
Instrument :
MSVOA_N
ClientSampleId :

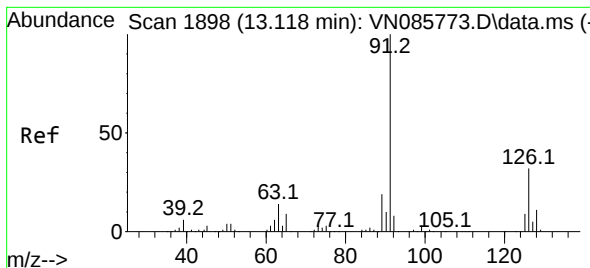
Tgt Ion: 75 Resp: 79143
Ion Ratio Lower Upper
75 100
77 2.1 100.0 300.0#



#78
n-propylbenzene
Concen: 17.149 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.017 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 91 Resp: 200316
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 1.627 ug/l

RT: 13.106 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

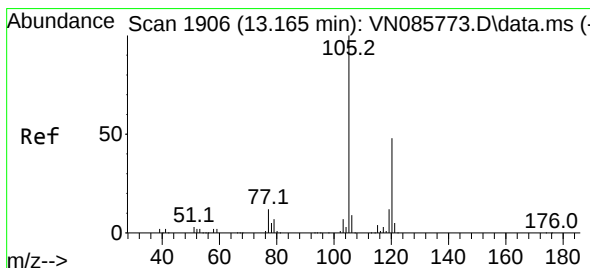
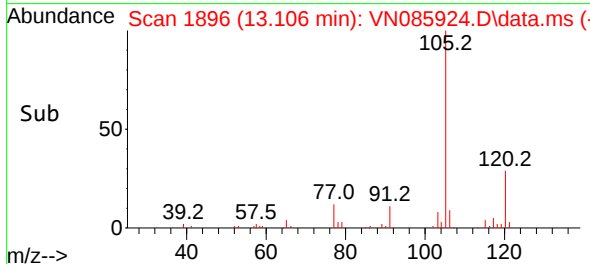
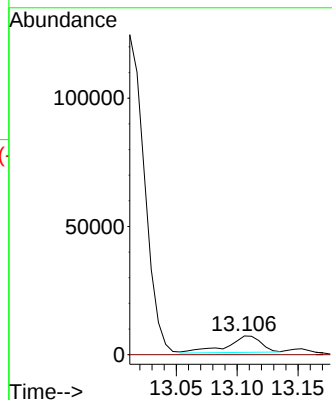
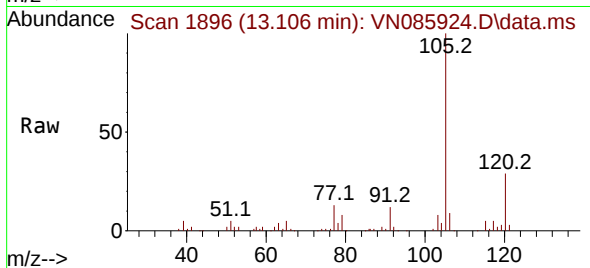
ClientSampleId :

Tgt Ion: 91 Resp: 12701

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 3.145 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.018 min

Lab File: VN085924.D

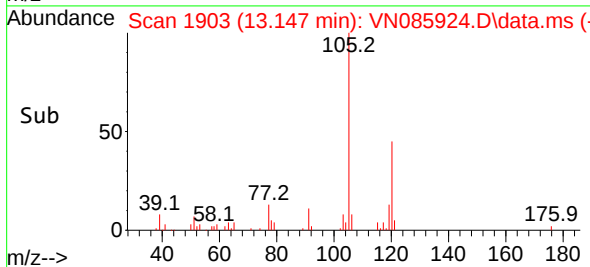
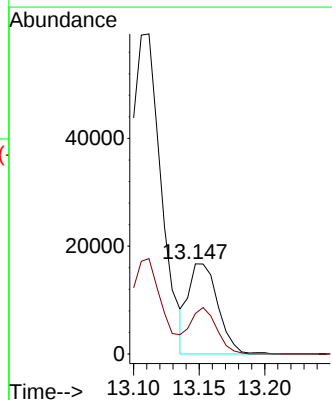
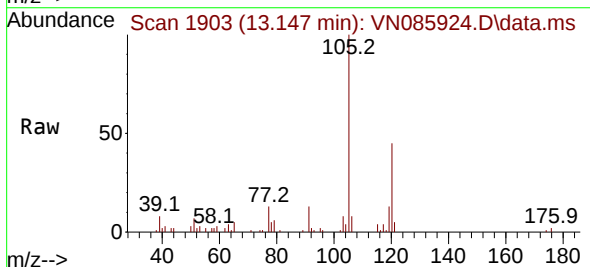
Acq: 10 Mar 2025 19:12

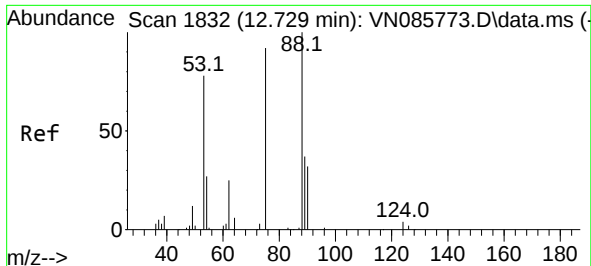
Tgt Ion:105 Resp: 26128

Ion Ratio Lower Upper

105 100

120 46.3 24.3 72.9

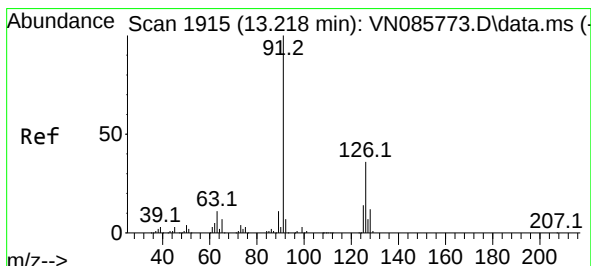
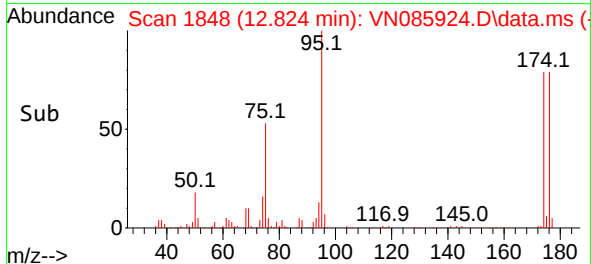
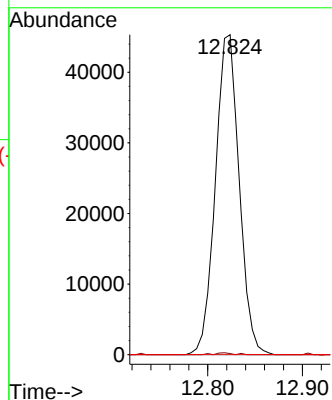
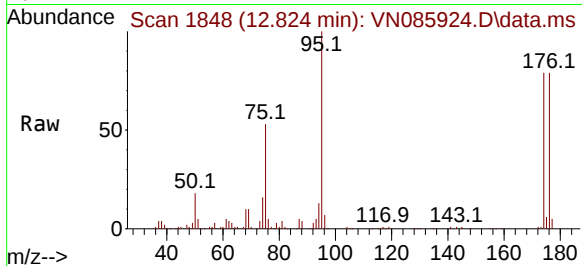




#81
trans-1,4-Dichloro-2-butene
Concen: 69.828 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.094 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

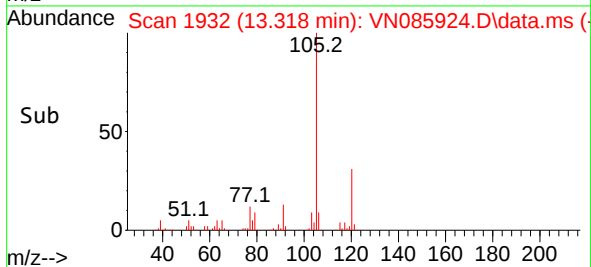
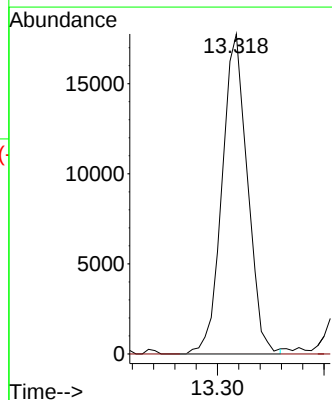
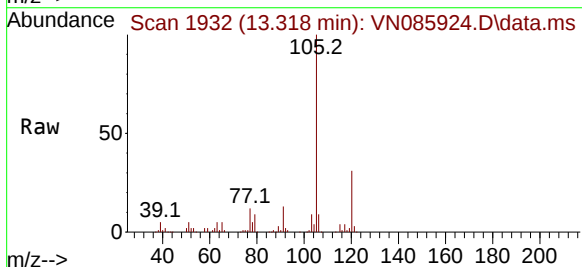
Instrument :
MSVOA_N
ClientSampleId :

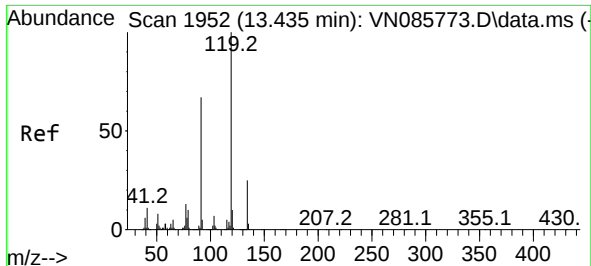
Tgt Ion: 75 Resp: 79143
Ion Ratio Lower Upper
75 100
53 0.4 74.2 111.4#
89 0.0 34.9 52.3#



#82
4-Chlorotoluene
Concen: 3.795 ug/l
RT: 13.318 min Scan# 1932
Delta R.T. 0.100 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 91 Resp: 29360
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#

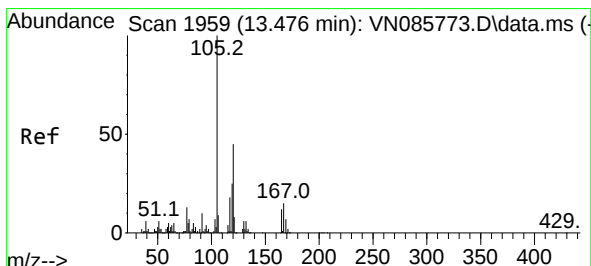
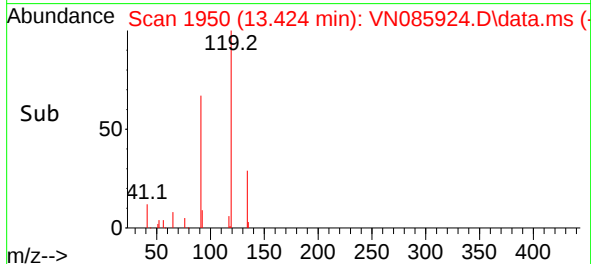
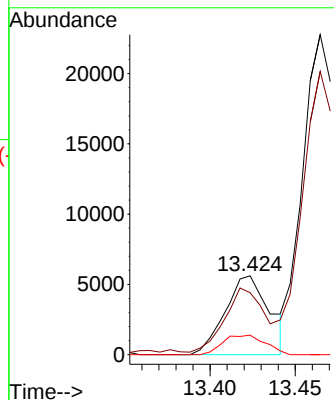
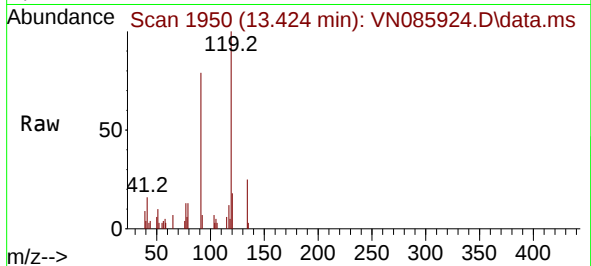




#83
 tert-Butylbenzene
 Concen: 1.447 ug/l
 RT: 13.424 min Scan# 1950
 Delta R.T. -0.011 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

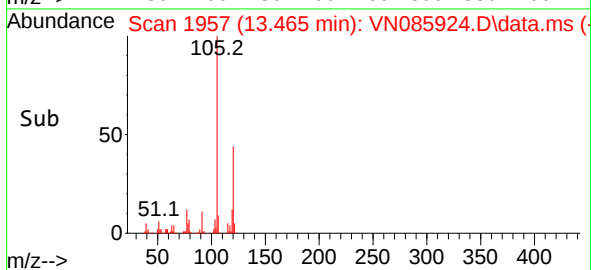
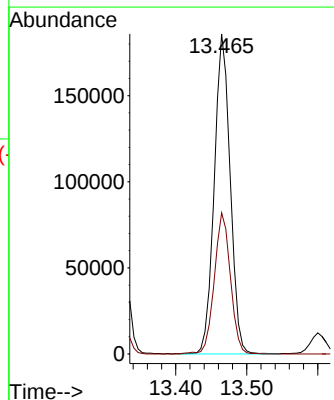
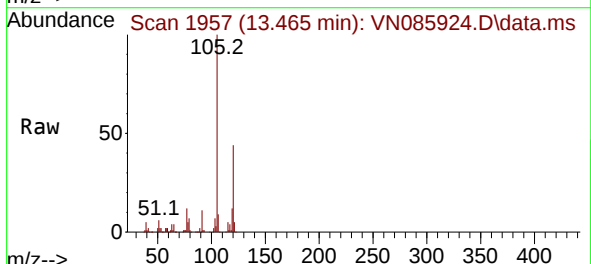
Instrument :
 MSVOA_N
 ClientSampleId :

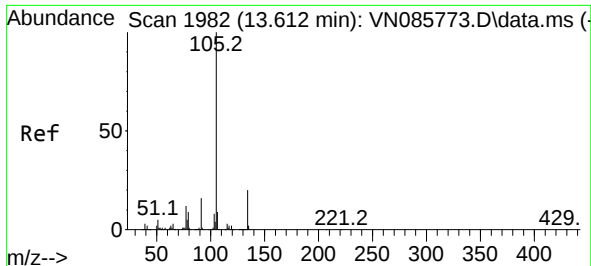
Tgt Ion:119 Resp: 10112
 Ion Ratio Lower Upper
 119 100
 91 71.7 32.5 97.5
 134 23.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 35.187 ug/l
 RT: 13.465 min Scan# 1957
 Delta R.T. -0.012 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

Tgt Ion:105 Resp: 289235
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

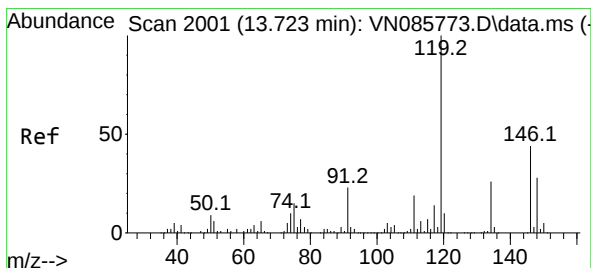
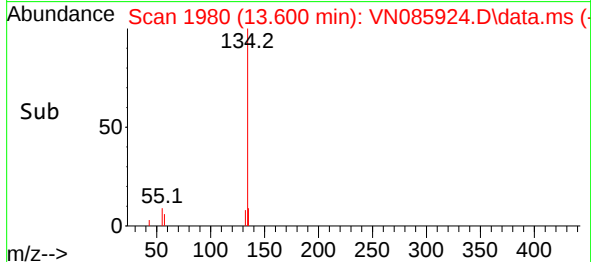
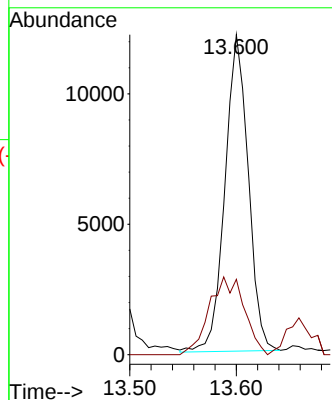
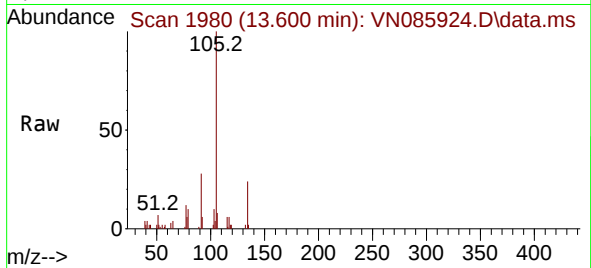




#85
 sec-Butylbenzene
 Concen: 1.866 ug/l
 RT: 13.600 min Scan# 1982
 Delta R.T. -0.012 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

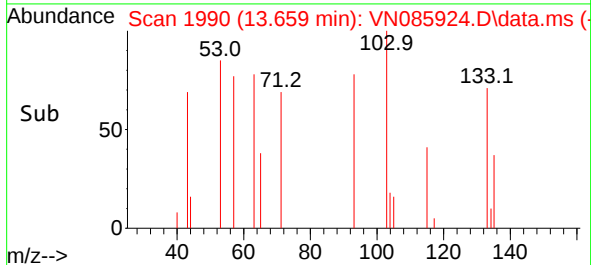
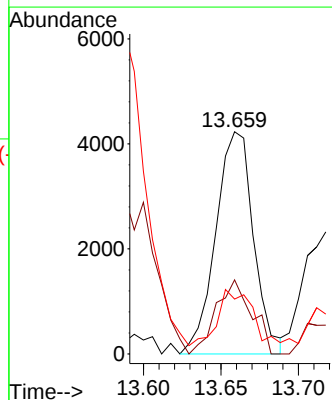
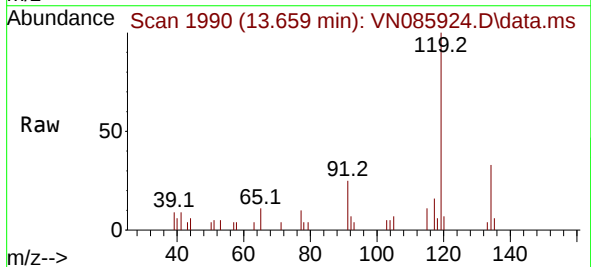
Instrument :
 MSVOA_N
 ClientSampleId :

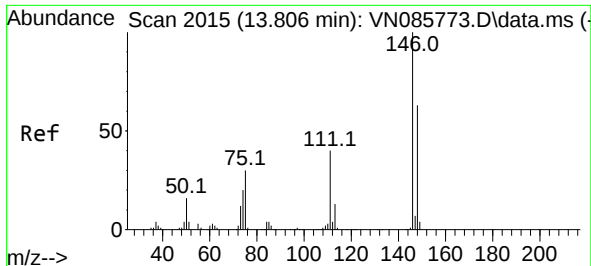
Tgt Ion:105 Resp: 18424
 Ion Ratio Lower Upper
 105 100
 134 36.9 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 1.475 ug/l
 RT: 13.659 min Scan# 1990
 Delta R.T. -0.064 min
 Lab File: VN085924.D
 Acq: 10 Mar 2025 19:12

Tgt Ion:119 Resp: 7182
 Ion Ratio Lower Upper
 119 100
 134 31.3 13.0 39.0
 91 22.7 11.7 35.1

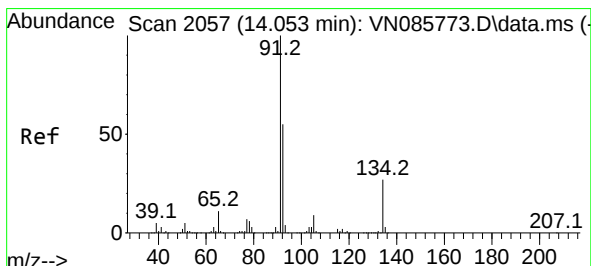
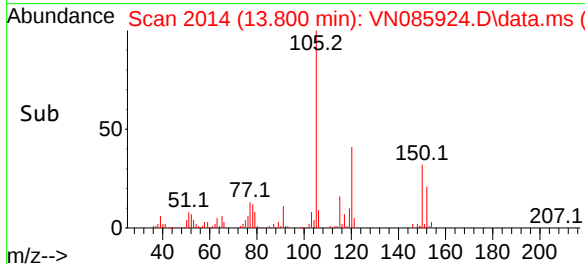
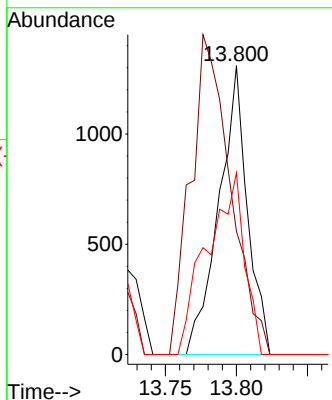
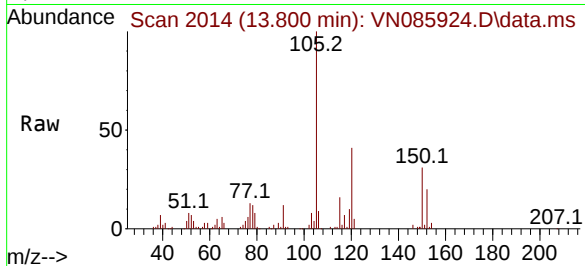




#88
1,4-Dichlorobenzene
Concen: 0.345 ug/l
RT: 13.800 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

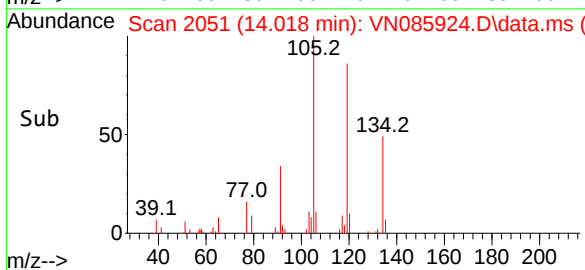
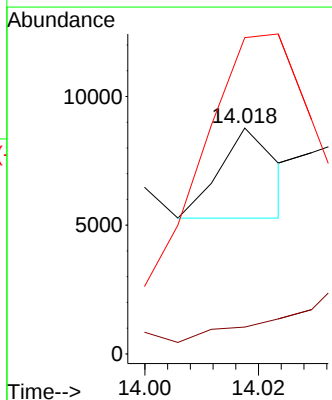
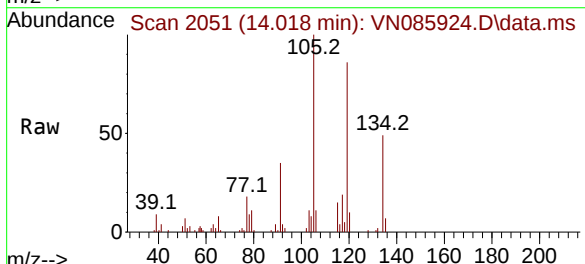
Instrument :
MSVOA_N
ClientSampleId :

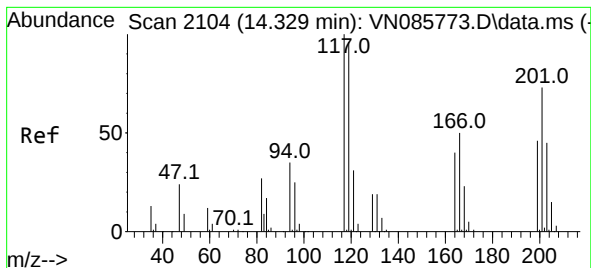
Tgt Ion:146 Resp: 1827
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.3#
148 82.5 31.8 95.4



#89
n-Butylbenzene
Concen: 0.351 ug/l
RT: 14.018 min Scan# 2051
Delta R.T. -0.035 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 91 Resp: 2462
Ion Ratio Lower Upper
91 100
92 0.0 27.1 81.3#
134 970.5 12.7 38.1#





#90

Hexachloroethane

Concen: 7.571 ug/l

RT: 14.323 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

Instrument :

MSVOA_N

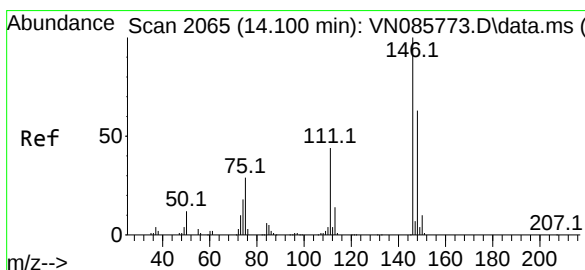
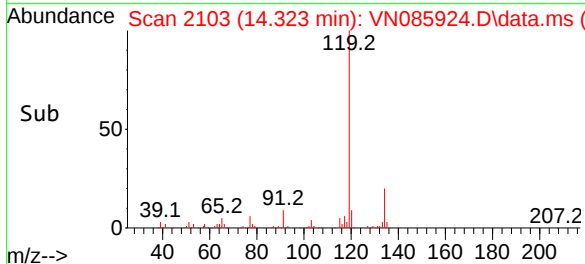
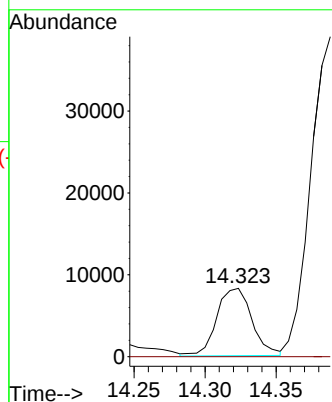
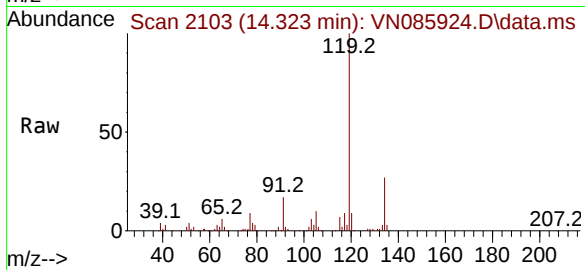
ClientSampleId :

Tgt Ion:117 Resp: 14154

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.9#



#91

1,2-Dichlorobenzene

Concen: 0.265 ug/l

RT: 14.094 min Scan# 2064

Delta R.T. -0.006 min

Lab File: VN085924.D

Acq: 10 Mar 2025 19:12

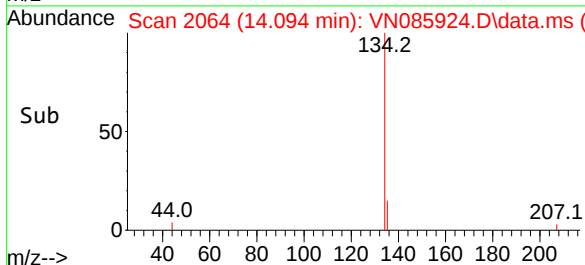
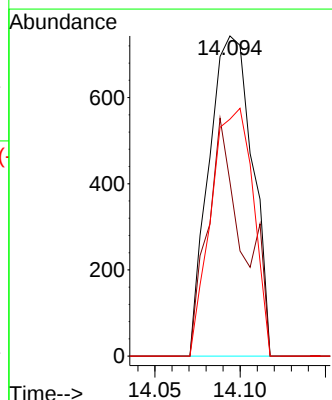
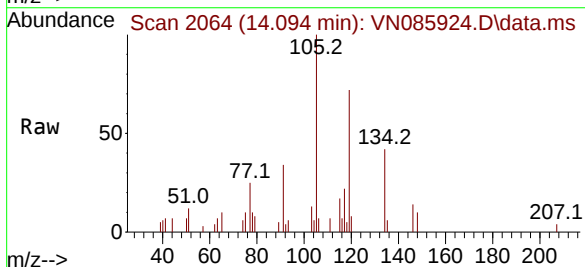
Tgt Ion:146 Resp: 1318

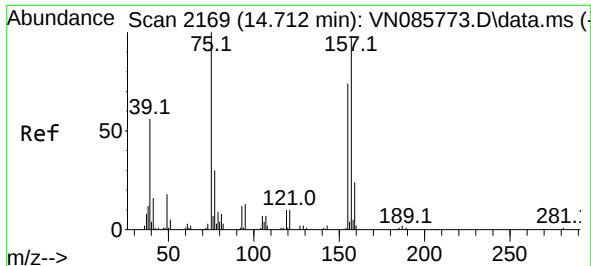
Ion Ratio Lower Upper

146 100

111 60.3 21.4 64.3

148 74.8 32.0 96.2

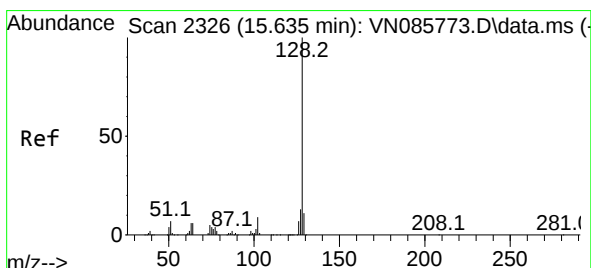
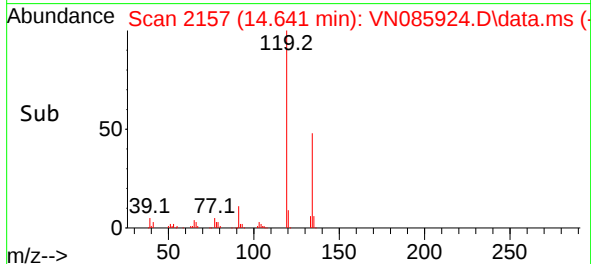
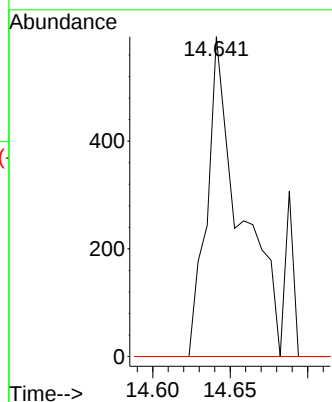
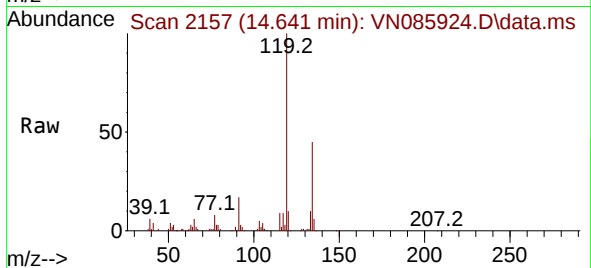




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.392 ug/l
RT: 14.641 min Scan# 2169
Delta R.T. -0.070 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 0.0 49.9 149.7#



#95
Naphthalene
Concen: 7.260 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085924.D
Acq: 10 Mar 2025 19:12

Tgt Ion: 128 Resp: 47152
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 13.1 8.7 13.1

