

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085373.D
 Acq On : 02 Jan 2025 11:11
 Operator : JC\MD
 Sample : VN0102WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 03 00:42:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	34895	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	188370	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	177459	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	90236	29.396	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.000%
60) 4-Bromofluorobenzene	12.847	95	83815	29.158	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.200%
63) Toluene-d8	10.565	98	253470	29.251	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56208	19.265	ug/l	98
3) Chloromethane	2.359	50	53560	18.181	ug/l	99
4) Vinyl Chloride	2.512	62	55869	18.678	ug/l	98
5) Bromomethane	2.959	94	33344	19.069	ug/l	98
6) Chloroethane	3.124	64	36611	19.389	ug/l	95
7) Trichlorofluoromethane	3.500	101	77986	18.977	ug/l	100
8) Diethyl Ether	3.959	74	25739	18.187	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	45368	19.226	ug/l	97
10) 1,1-Dichloroethene	4.341	96	40486	18.781	ug/l	97
11) Methyl Iodide	4.589	142	50269	19.457	ug/l	96
12) Methyl Acetate	5.018	43	63361	19.682	ug/l	95
13) Acrolein	4.183	56	34043	118.454	ug/l	100
14) Acrylonitrile	5.712	53	113343	91.029	ug/l	99
15) Acetone	4.424	58	29730	94.653	ug/l	98
16) Carbon Disulfide	4.712	76	118940	18.151	ug/l	97
17) Allyl chloride	5.024	41	62379	17.888	ug/l	92
18) Methylene Chloride	5.277	84	47733	18.582	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	43177	19.257	ug/l	90
20) Diisopropyl ether	6.665	45	150669	18.852	ug/l	94
21) 1,1-Dichloroethane	6.565	63	86997	18.620	ug/l #	95
22) cis-1,2-Dichloroethene	7.488	96	50080	18.757	ug/l	98
23) tert-Butyl Alcohol	5.518	59	37582	91.584	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	133648	18.888	ug/l	97
25) Chloroform	7.959	83	89671	18.933	ug/l	97
26) Cyclohexane	8.253	56	66195	18.582	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	59160	18.089	ug/l	98
30) 2-Butanone	7.482	43	154299	89.378	ug/l	100
31) 2,2-Dichloropropane	7.488	77	76961	18.571	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	77054	18.123	ug/l	99
33) Carbon Tetrachloride	8.359	117	68447	18.391	ug/l	99
34) Benzene	8.606	78	190211	18.399	ug/l	98
35) Methacrylonitrile	7.777	41	34953	18.290	ug/l	91
36) 1,2-Dichloroethane	8.665	62	67226	17.983	ug/l	100
37) Trichloroethene	9.353	130	42625	18.740	ug/l	95
38) Methylcyclohexane	9.600	83	60970	18.015	ug/l	96
39) 1,2-Dichloropropane	9.618	63	48144	18.304	ug/l	96
40) Dibromomethane	9.706	93	32747	17.857	ug/l	97
41) Bromodichloromethane	9.888	83	70277	18.338	ug/l	100
42) Vinyl Acetate	6.600	43	532595	87.399	ug/l	100

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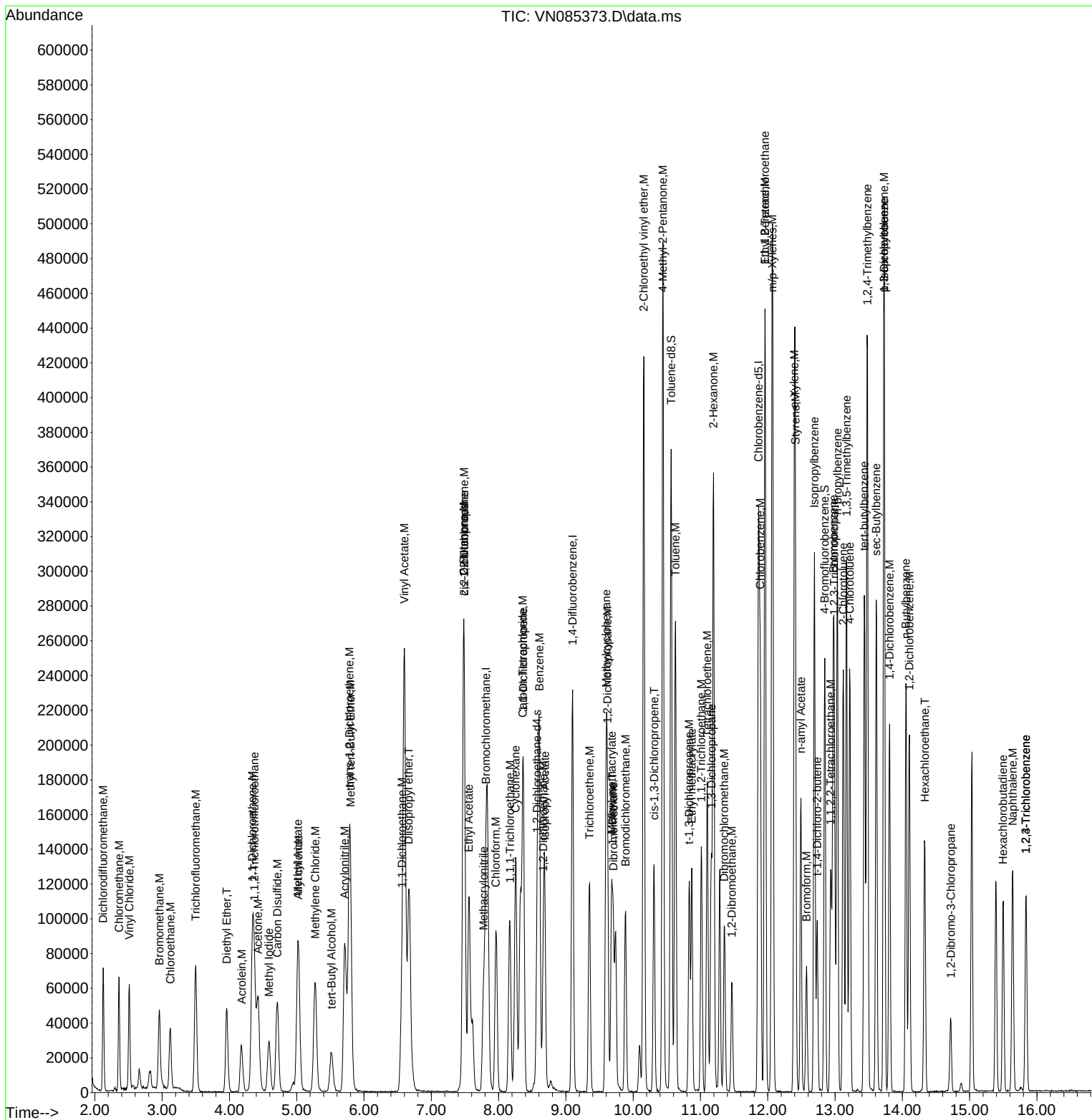
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 ClientSampleId :

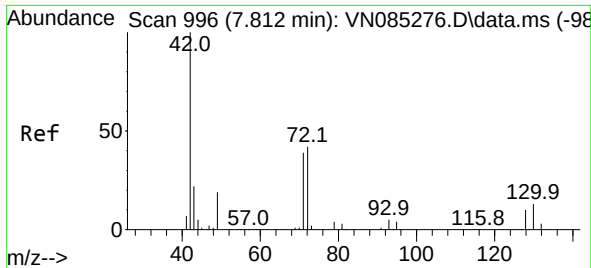
Quant Time: Jan 03 00:42:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	64755	18.138	ug/l	# 92
44) Isopropyl Acetate	8.688	43	103845	17.510	ug/l	98
45) 1,4-Dioxane	9.694	88	16200	351.188	ug/l	97
46) Methyl methacrylate	9.682	41	46434	16.867	ug/l	97
47) n-amyl Acetate	12.494	43	87243	17.268	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	66432	17.549	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	74284	18.253	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	44405	18.515	ug/l	92
51) Ethyl methacrylate	10.870	69	62938	17.351	ug/l	88
52) 1,3-Dichloropropane	11.165	76	76363	18.241	ug/l	99
53) Dibromochloromethane	11.353	129	50973	18.139	ug/l	100
54) 1,2-Dibromoethane	11.465	107	42459	18.294	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	183673	98.301	ug/l	99
56) Bromoform	12.576	173	31770	17.330	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	323452	89.909	ug/l	99
59) 2-Hexanone	11.194	43	230759	88.296	ug/l	98
61) Tetrachloroethene	11.100	164	39228	19.801	ug/l	92
62) Toluene	10.629	91	202799	18.601	ug/l	99
64) Chlorobenzene	11.888	112	122269	18.595	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	44365	18.605	ug/l	98
66) Ethyl Benzene	11.959	91	205867	17.946	ug/l	100
67) m/p-Xylenes	12.070	106	160161	37.215	ug/l	100
68) o-Xylene	12.394	106	73220	17.861	ug/l	97
69) Styrene	12.412	104	125523	18.118	ug/l	99
70) Isopropylbenzene	12.694	105	187465	18.212	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	63932	17.512	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	81873	26.349	ug/l	53
73) Bromobenzene	12.976	156	46908	18.446	ug/l	98
74) n-propylbenzene	13.035	91	236170	18.416	ug/l	97
75) 2-Chlorotoluene	13.123	91	140521	18.190	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	160785	18.306	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	21225	16.714	ug/l	98
78) 4-Chlorotoluene	13.217	91	142287	18.115	ug/l	98
79) tert-butylbenzene	13.435	119	129447	18.021	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	160995	18.415	ug/l	99
81) sec-Butylbenzene	13.611	105	191803	18.495	ug/l	99
82) p-Isopropyltoluene	13.729	119	156946	18.377	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	86279	18.192	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	84454	18.406	ug/l	97
85) n-Butylbenzene	14.053	91	132320	17.945	ug/l	100
86) Hexachloroethane	14.335	117	31690	17.284	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	82836	18.385	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11622	17.438	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	38776	18.165	ug/l	98
90) Hexachlorobutadiene	15.494	225	19438	18.268	ug/l	93
91) Naphthalene	15.641	128	115282	16.809	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38776	18.165	ug/l	98

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

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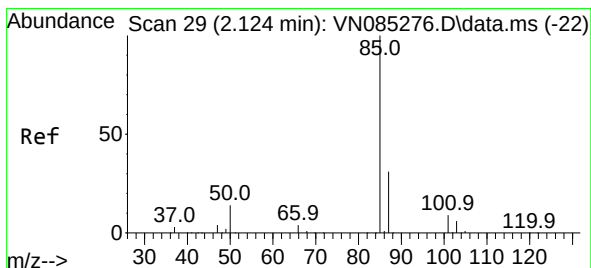
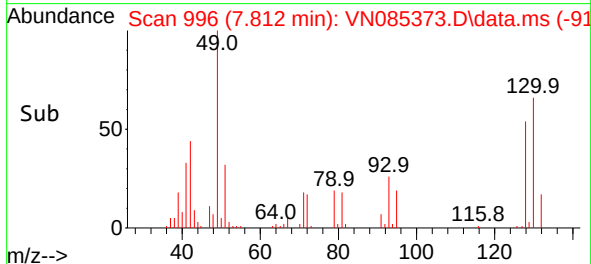
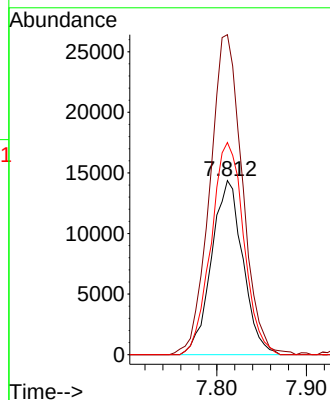
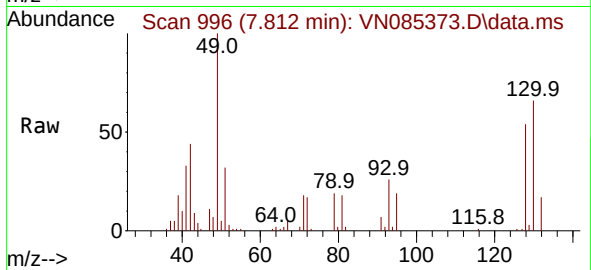




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

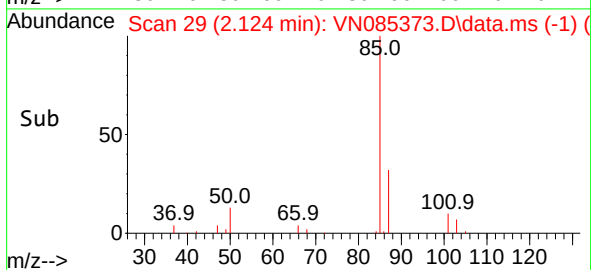
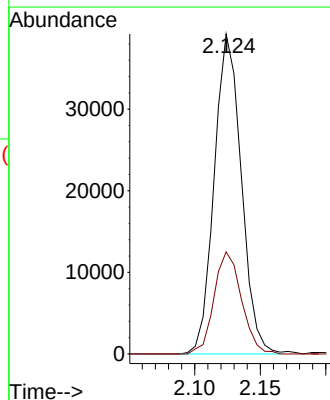
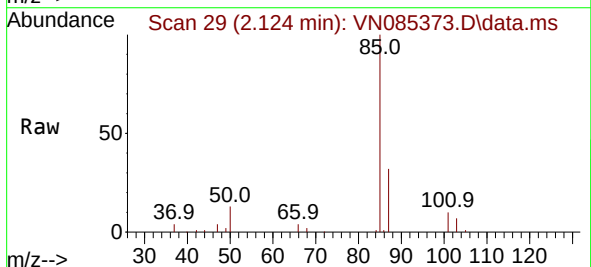
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MSVOA_N
ClientSampleId :

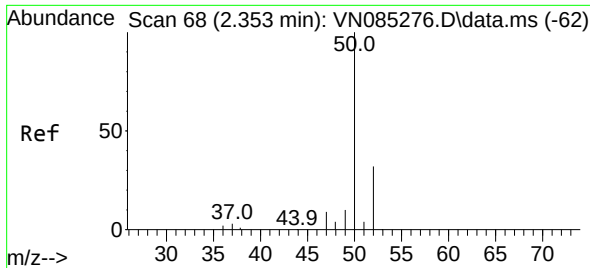
Tgt Ion:128 Resp: 34895
Ion Ratio Lower Upper
128 100
49 190.3 0.0 497.8
130 126.8 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 19.265 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 85 Resp: 56208
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5

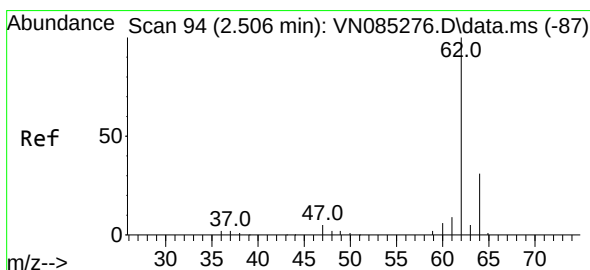
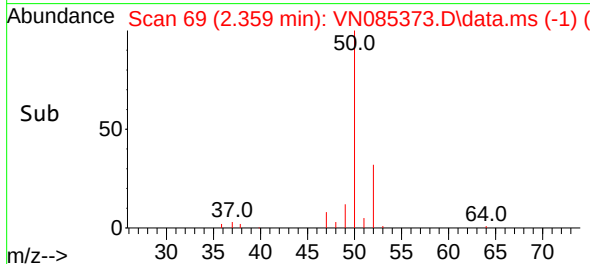
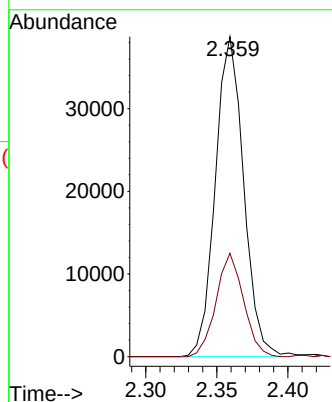
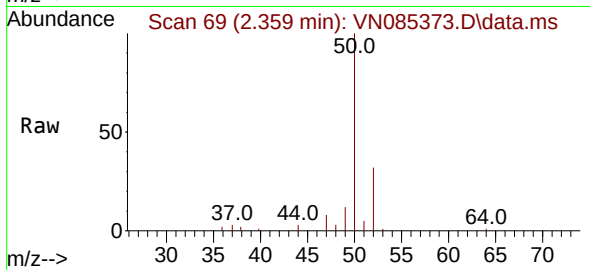




#3
Chloromethane
Concen: 18.181 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

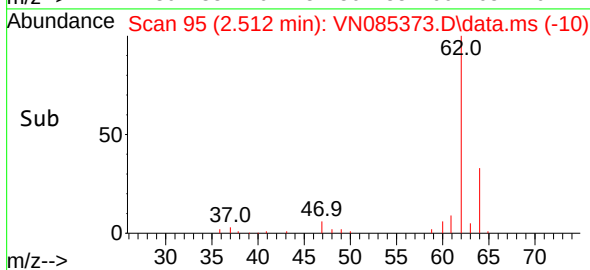
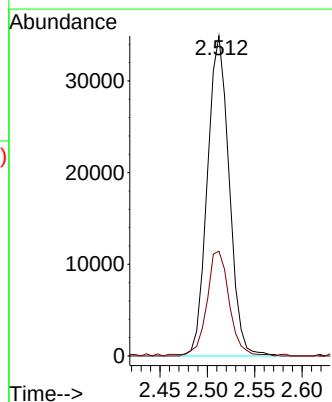
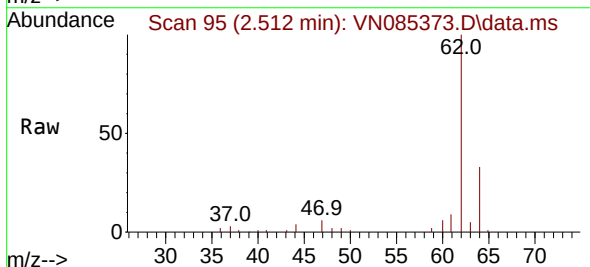
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MSVOA_N
ClientSampleId :

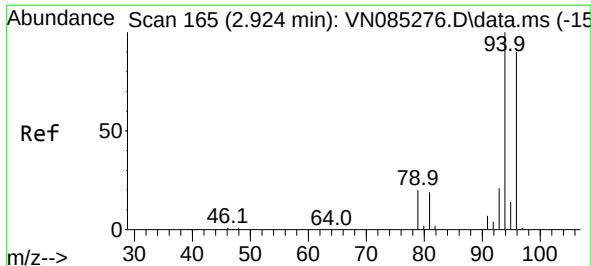
Tgt Ion: 50 Resp: 53560
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 18.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 62 Resp: 55869
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4

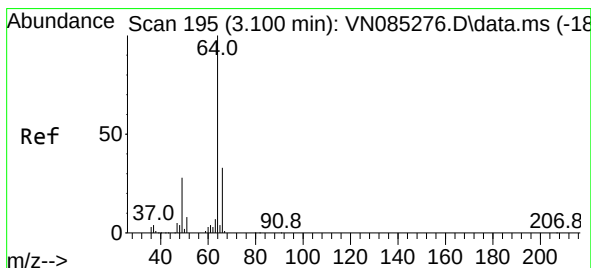
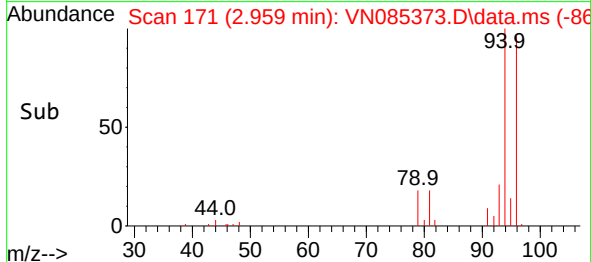
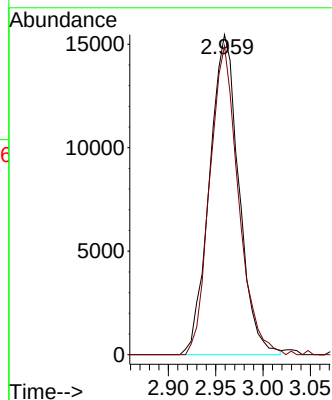
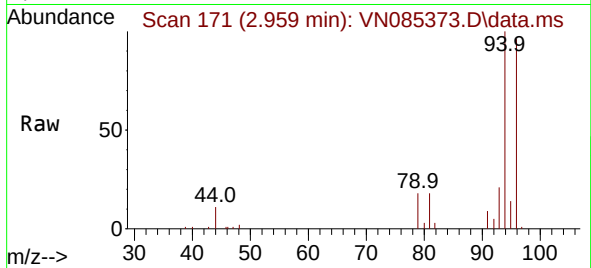




#5
Bromomethane
Concen: 19.069 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

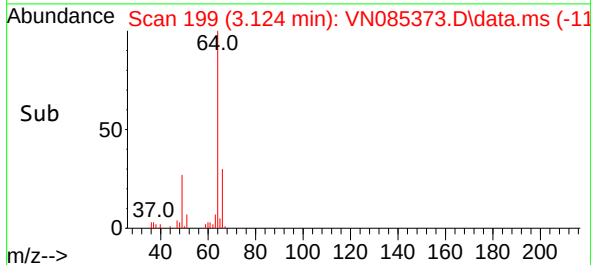
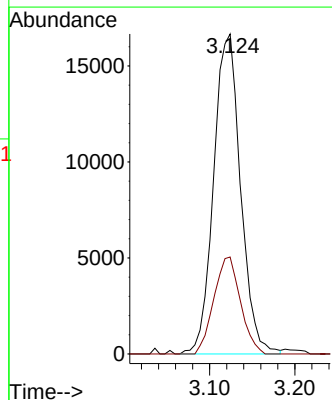
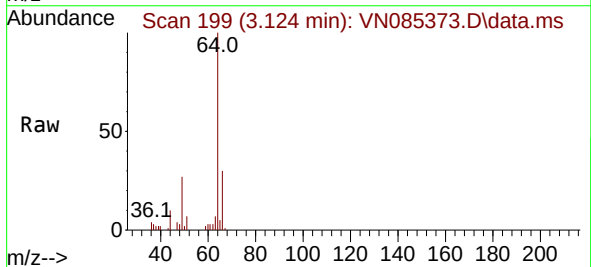
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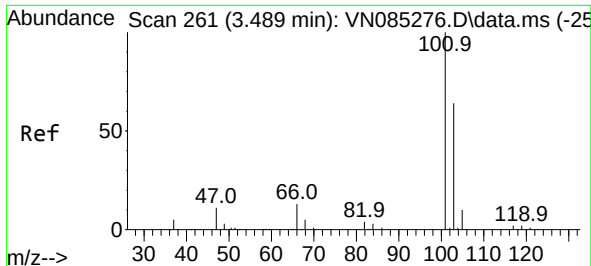
Tgt Ion: 94 Resp: 33344
Ion Ratio Lower Upper
94 100
96 96.4 75.6 113.4



#6
Chloroethane
Concen: 19.389 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

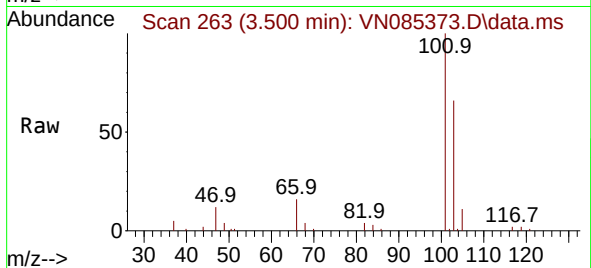
Tgt Ion: 64 Resp: 36611
Ion Ratio Lower Upper
64 100
66 30.3 22.2 33.4



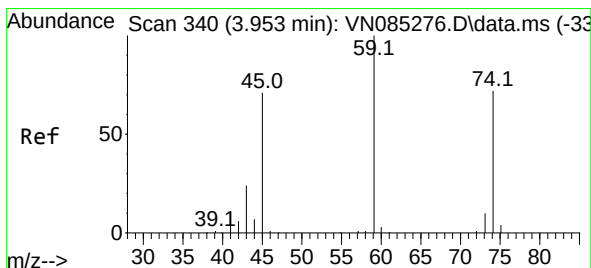
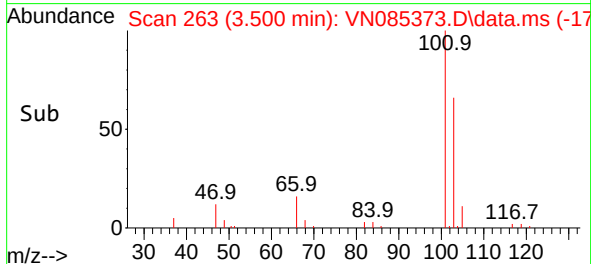
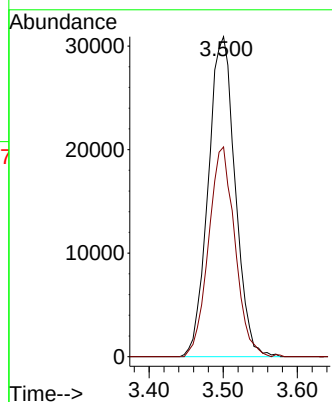


#7
 Trichlorofluoromethane
 Concen: 18.977 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

Instrument :
 MSVOA_N
 ClientSampleId :

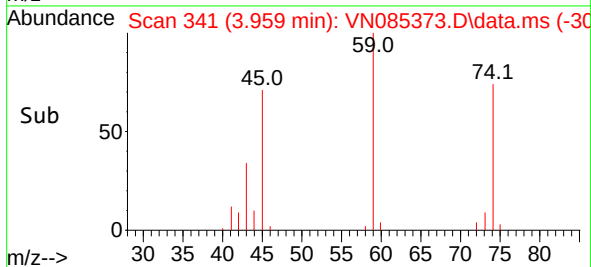
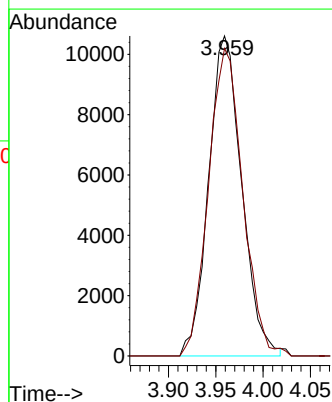
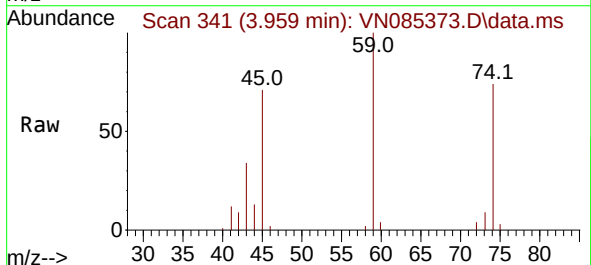


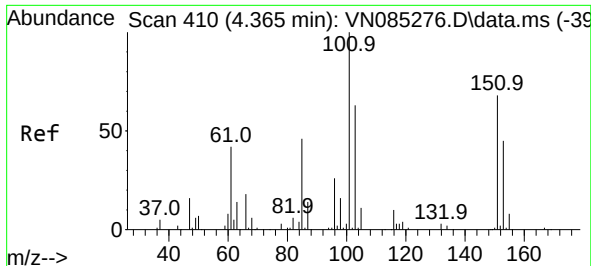
Tgt Ion:101 Resp: 77986
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 78.8



#8
 Diethyl Ether
 Concen: 18.187 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

Tgt Ion: 74 Resp: 25739
 Ion Ratio Lower Upper
 74 100
 45 99.0 20.8 187.6

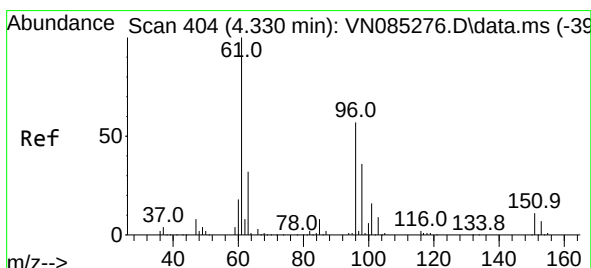
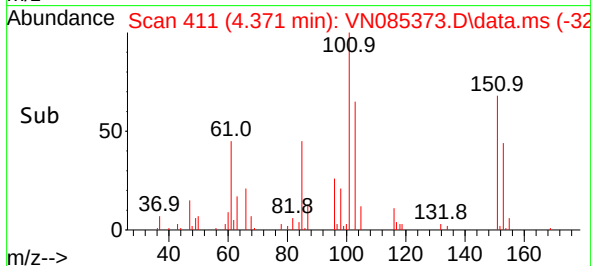
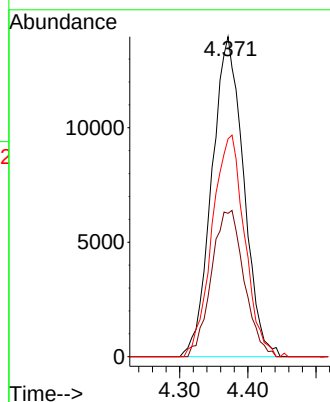
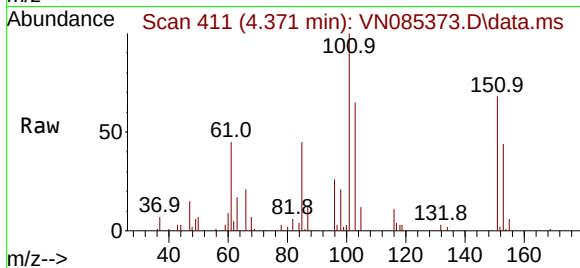




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.226 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN085373.D
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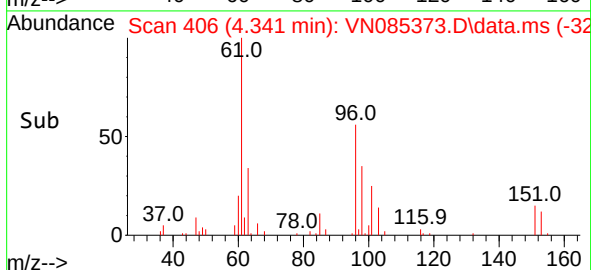
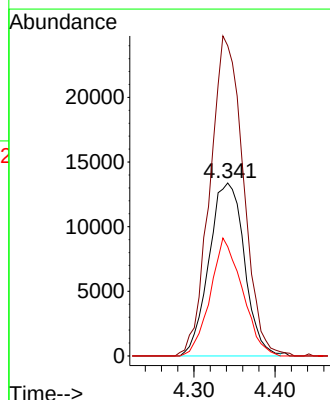
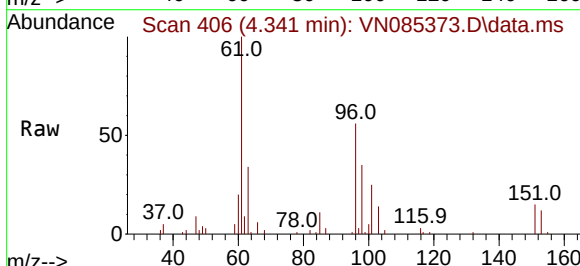
Instrument :
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 ClientSampleId :

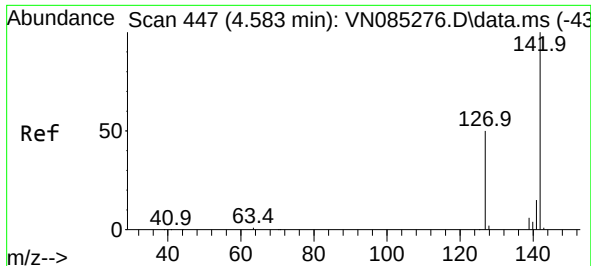
Tgt Ion:101 Resp: 45368
 Ion Ratio Lower Upper
 101 100
 85 47.0 0.0 96.6
 151 70.7 0.0 147.4



#10
 1,1-Dichloroethene
 Concen: 18.781 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

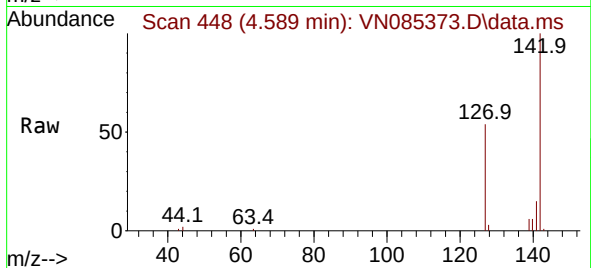
Tgt Ion: 96 Resp: 40486
 Ion Ratio Lower Upper
 96 100
 61 177.3 145.9 218.9
 98 63.2 51.9 77.9



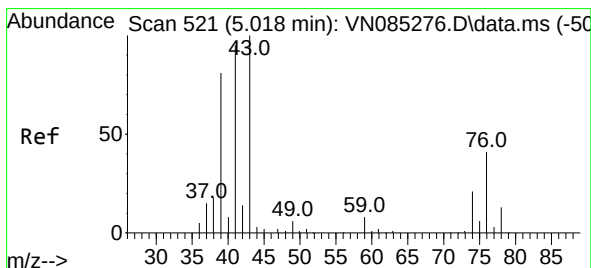
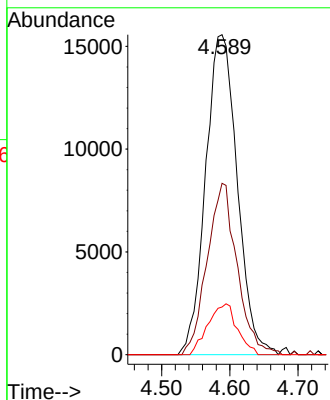
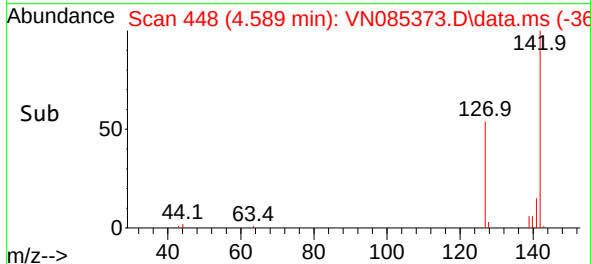


#11
Methyl Iodide
Concen: 19.457 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

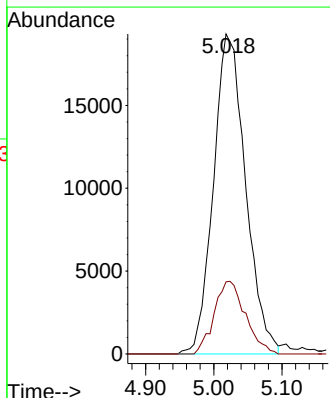
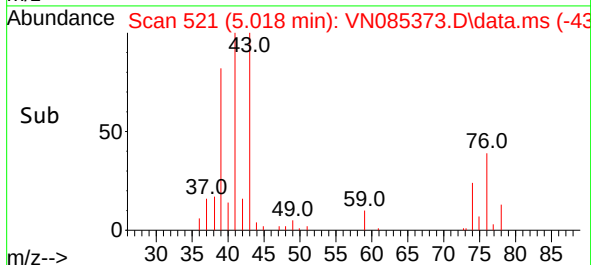
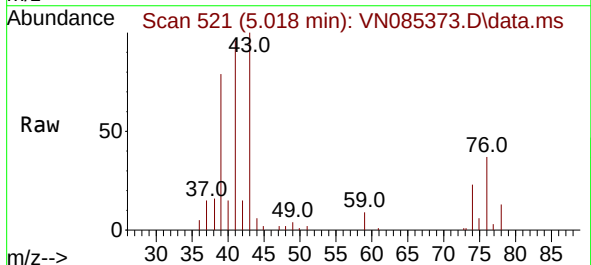


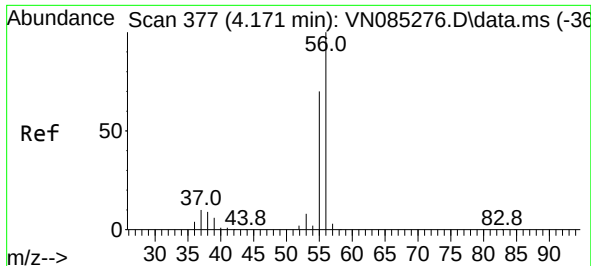
Tgt Ion:142 Resp: 50269
Ion Ratio Lower Upper
142 100
127 53.0 25.1 75.4
141 14.9 6.9 20.7



#12
Methyl Acetate
Concen: 19.682 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 43 Resp: 63361
Ion Ratio Lower Upper
43 100
74 22.8 20.5 30.7

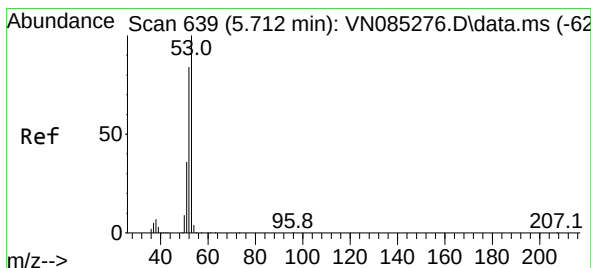
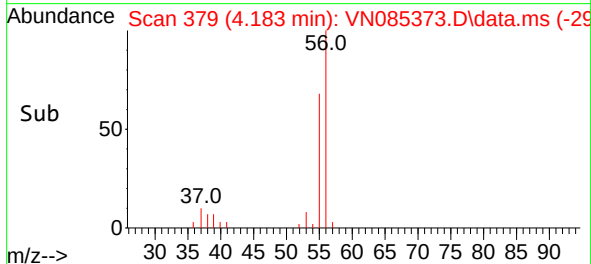
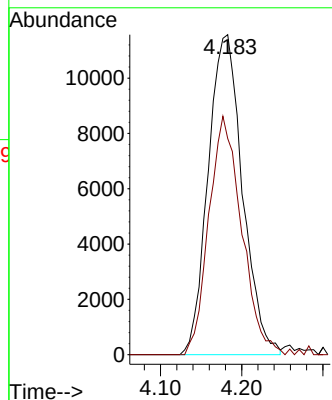
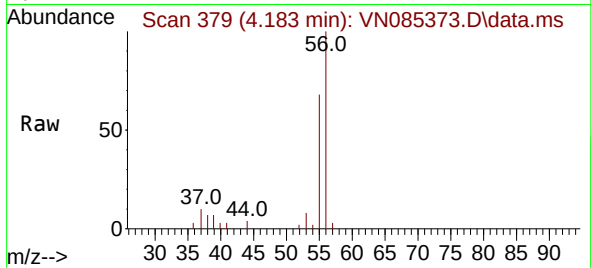




#13
Acrolein
Concen: 118.454 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

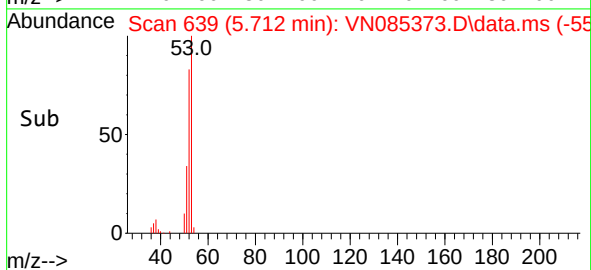
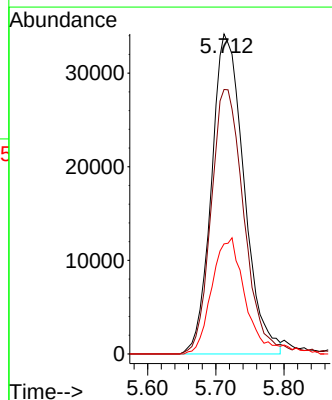
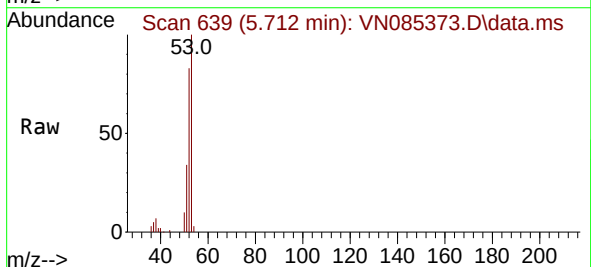
Instrument :
MSVOA_N
ClientSampleId :

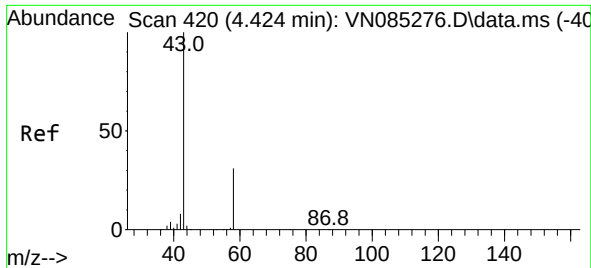
Tgt Ion: 56 Resp: 34043
Ion Ratio Lower Upper
56 100
55 70.9 56.8 85.2



#14
Acrylonitrile
Concen: 91.029 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 53 Resp: 113343
Ion Ratio Lower Upper
53 100
52 82.3 41.6 124.8
51 36.7 18.1 54.4

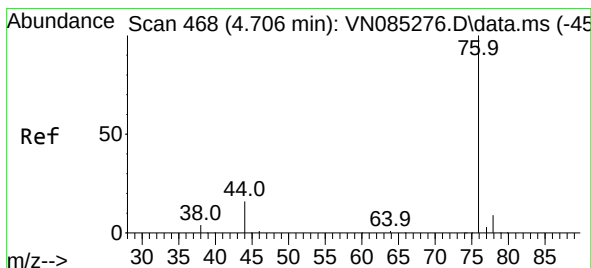
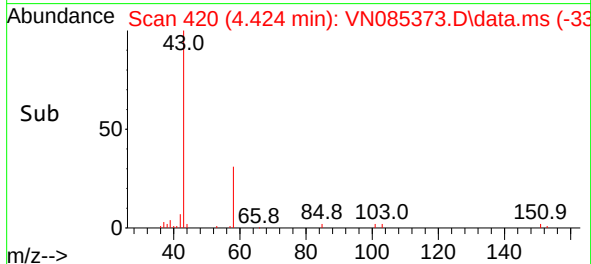
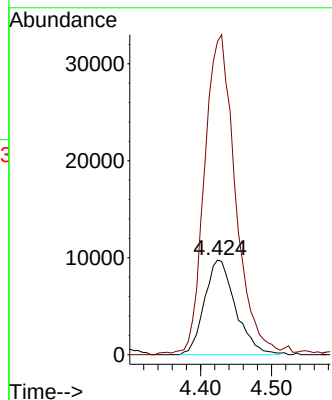
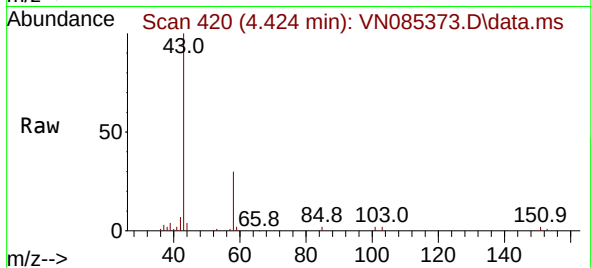




#15
Acetone
Concen: 94.653 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

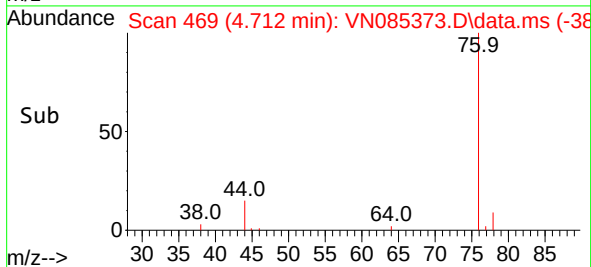
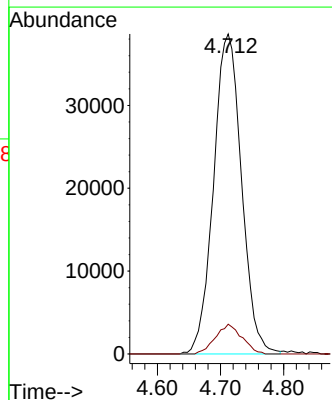
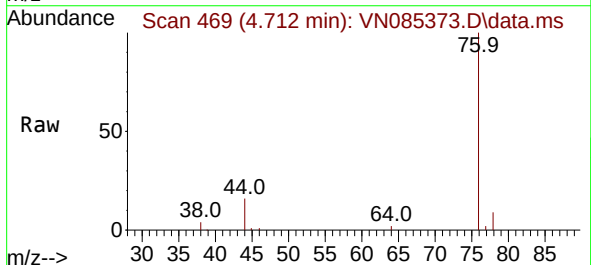
Instrument :
MSVOA_N
ClientSampleId :

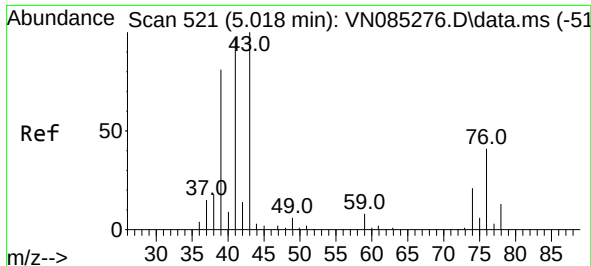
Tgt Ion: 58 Resp: 29730
Ion Ratio Lower Upper
58 100
43 326.7 258.8 388.2



#16
Carbon Disulfide
Concen: 18.151 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 76 Resp: 118940
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8





#17

Allyl chloride

Concen: 17.888 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

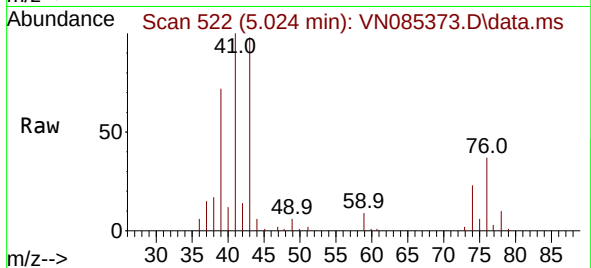
Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :



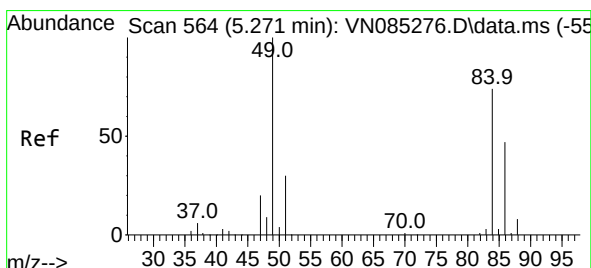
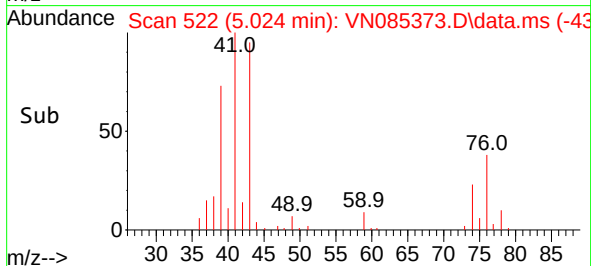
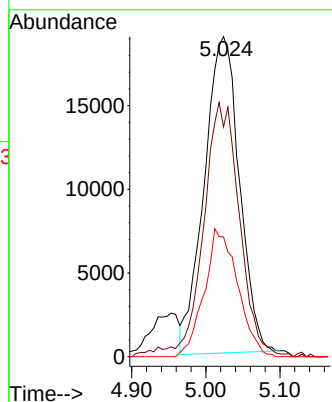
Tgt Ion: 41 Resp: 62379

Ion Ratio Lower Upper

41 100

39 72.2 41.3 124.1

76 38.2 19.5 58.5



#18

Methylene Chloride

Concen: 18.582 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Tgt Ion: 84 Resp: 47733

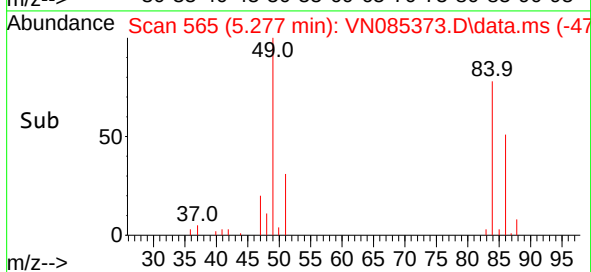
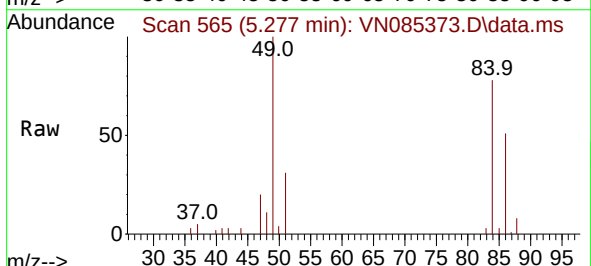
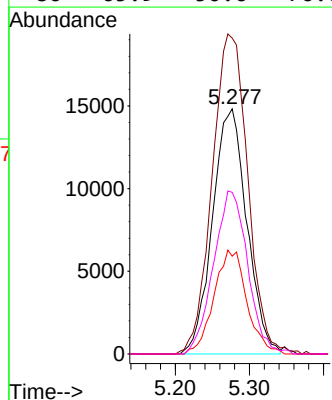
Ion Ratio Lower Upper

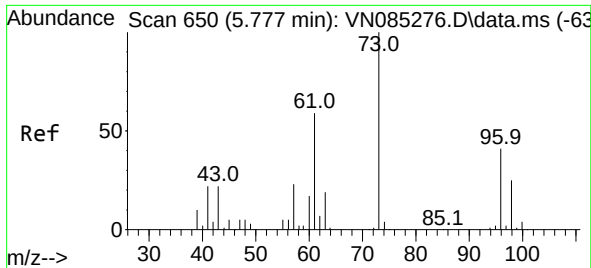
84 100

49 127.8 104.9 157.3

51 39.9 30.2 45.4

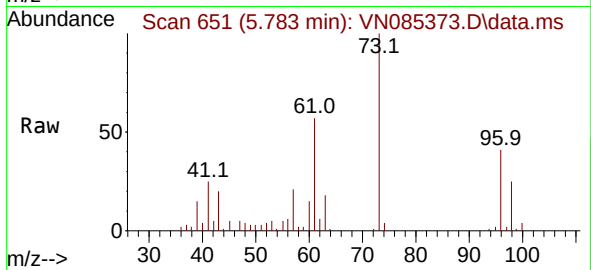
86 65.9 50.6 76.0



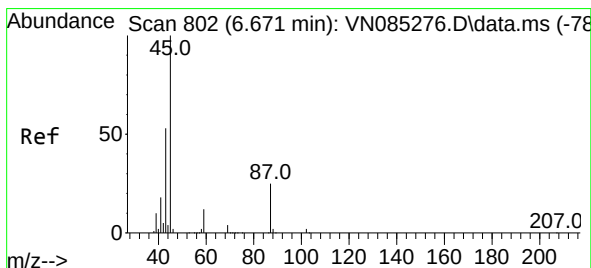
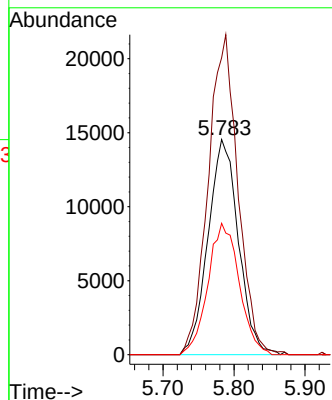
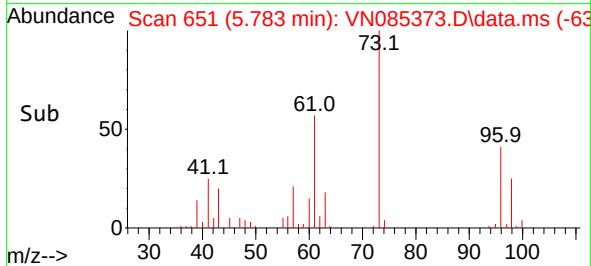


#19
trans-1,2-Dichloroethene
Concen: 19.257 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

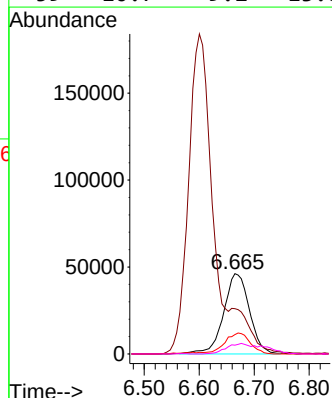
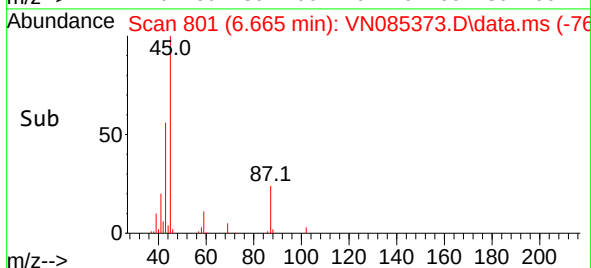
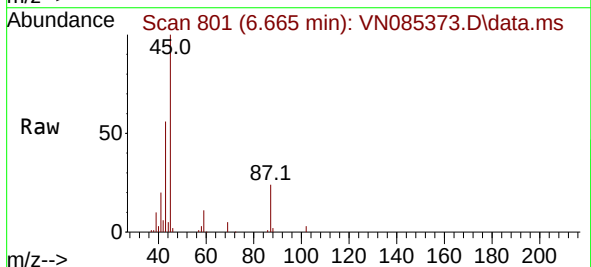


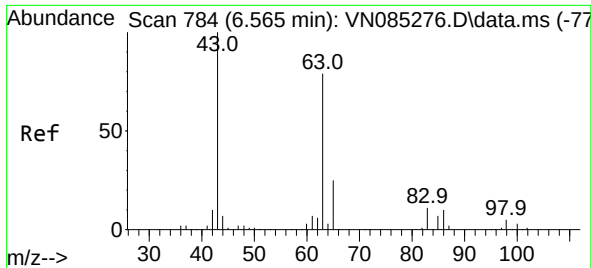
Tgt Ion: 96 Resp: 43177
Ion Ratio Lower Upper
96 100
61 138.0 124.2 186.4
98 61.0 51.0 76.4



#20
Diisopropyl ether
Concen: 18.852 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 45 Resp: 150669
Ion Ratio Lower Upper
45 100
43 53.8 46.6 69.8
87 24.3 22.3 33.5
59 10.7 9.2 13.8

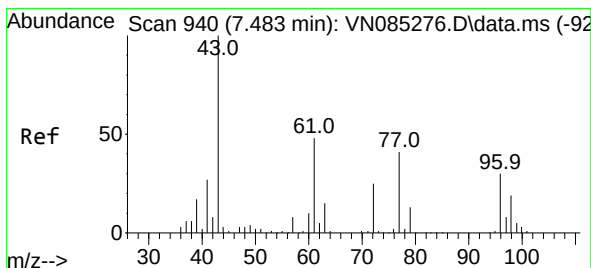
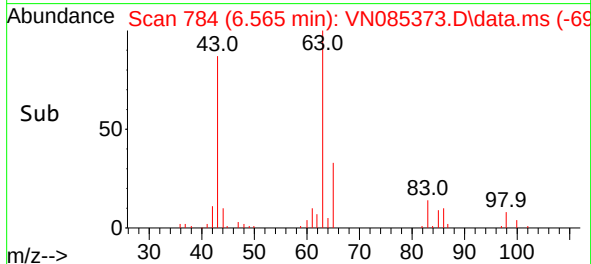
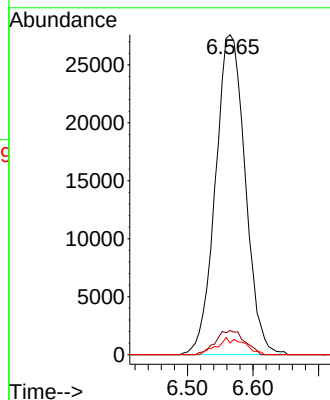
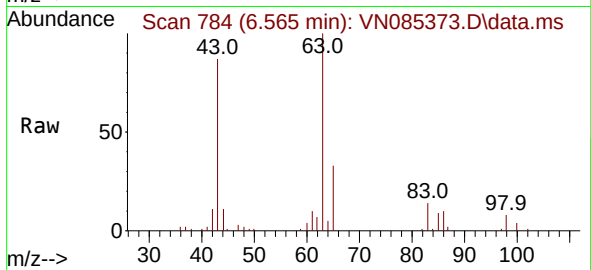




#21
1,1-Dichloroethane
Concen: 18.620 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

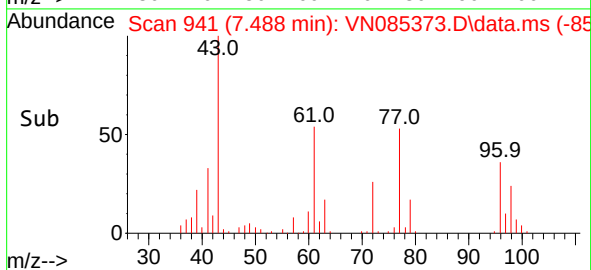
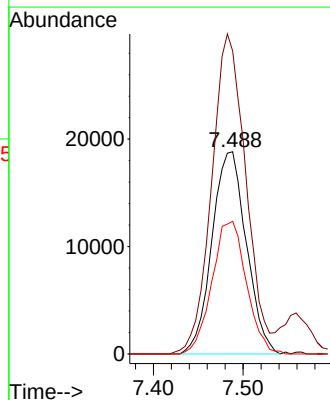
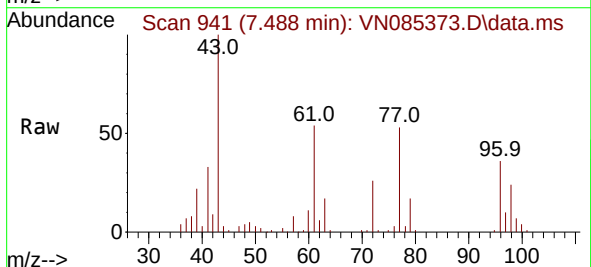
Instrument :
MSVOA_N
ClientSampleId :

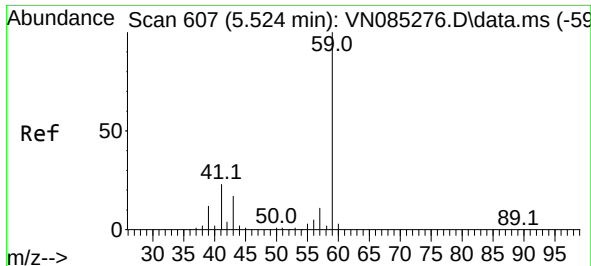
Tgt Ion: 63 Resp: 86997
Ion Ratio Lower Upper
63 100
98 7.6 2.4 7.1#
100 3.6 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.757 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

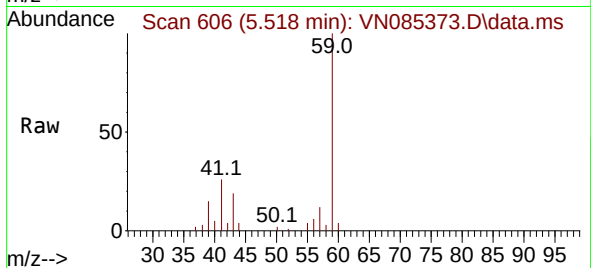
Tgt Ion: 96 Resp: 50080
Ion Ratio Lower Upper
96 100
61 156.6 128.1 192.1
98 65.4 52.7 79.1



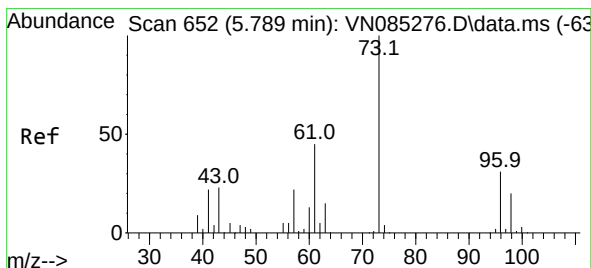
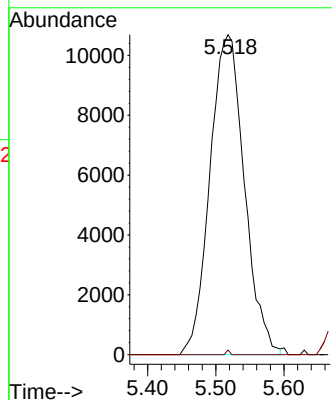
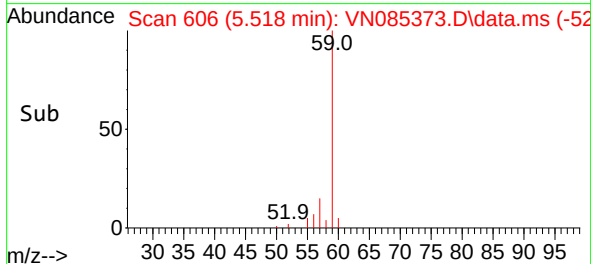


#23
tert-Butyl Alcohol
Concen: 91.584 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

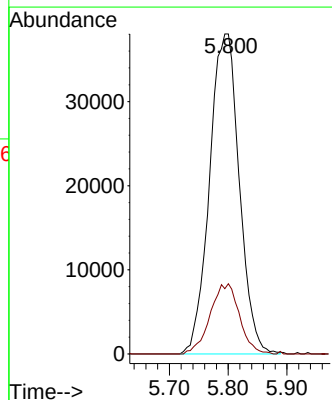
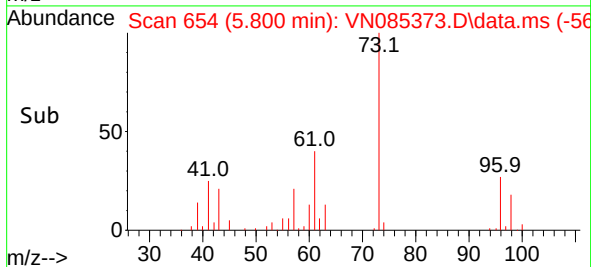
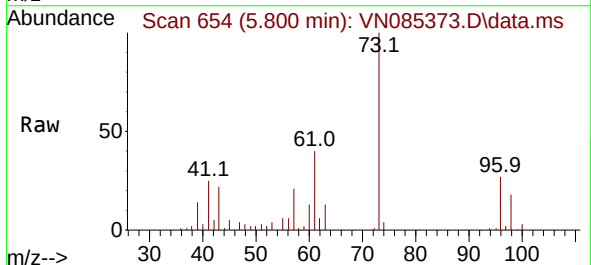


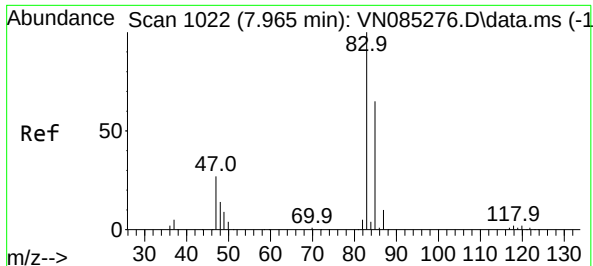
Tgt Ion: 59 Resp: 37582
Ion Ratio Lower Upper
59 100
52 248.4 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 18.888 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 73 Resp: 133648
Ion Ratio Lower Upper
73 100
43 21.6 18.6 27.8





#25

Chloroform

Concen: 18.933 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

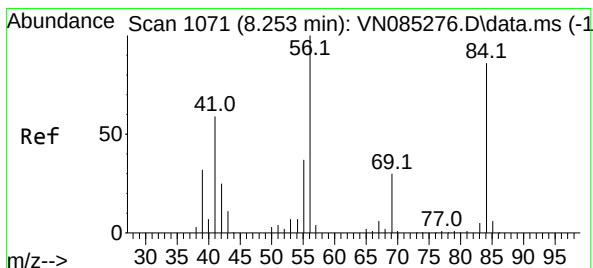
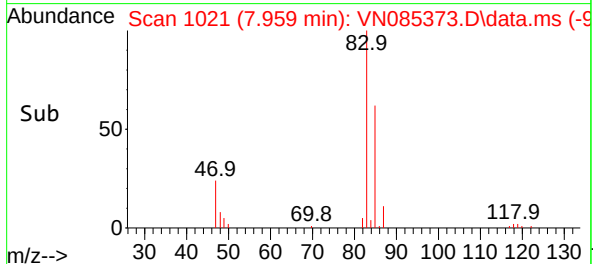
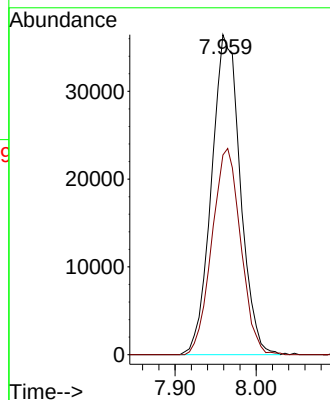
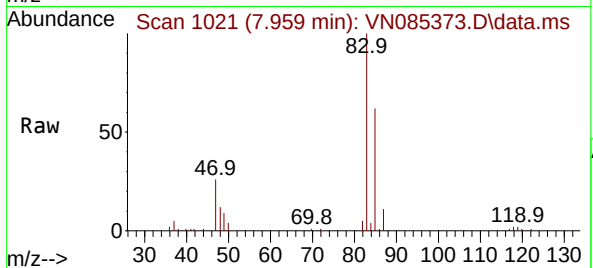
ClientSampleId :

Tgt Ion: 83 Resp: 89671

Ion Ratio Lower Upper

83 100

85 62.4 52.0 78.0



#26

Cyclohexane

Concen: 18.582 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

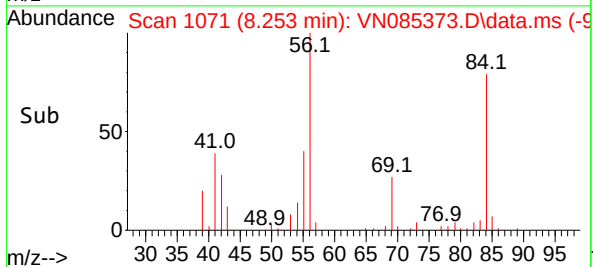
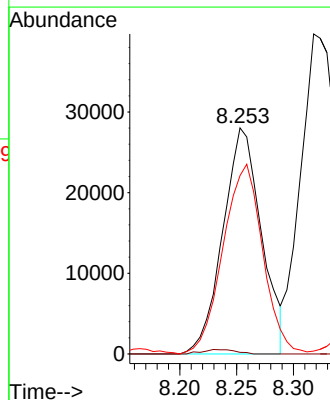
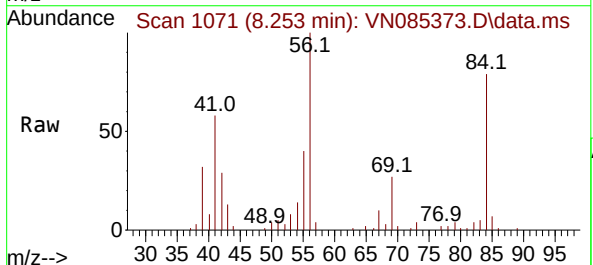
Tgt Ion: 56 Resp: 66195

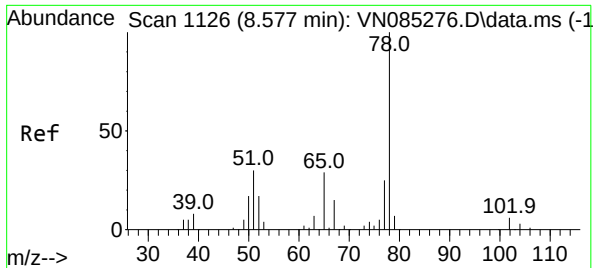
Ion Ratio Lower Upper

56 100

89 1.7 0.0 0.0#

84 86.3 67.6 101.4

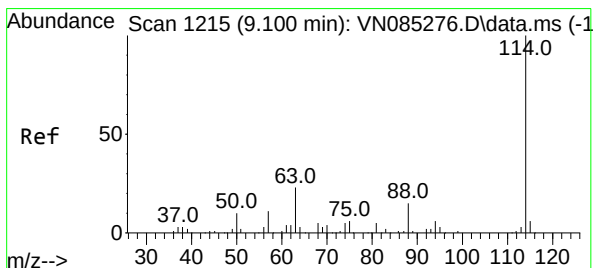
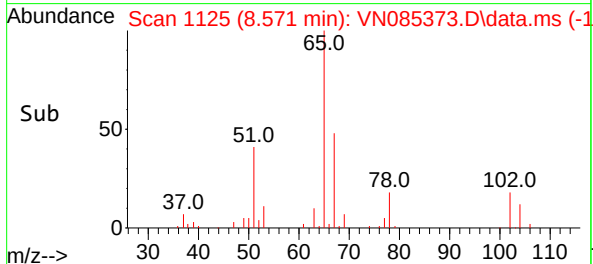
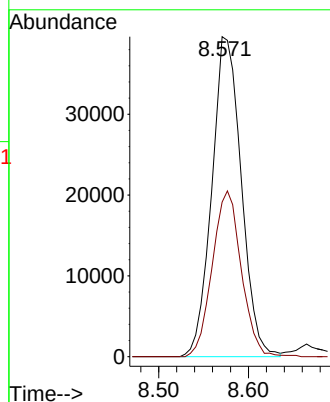
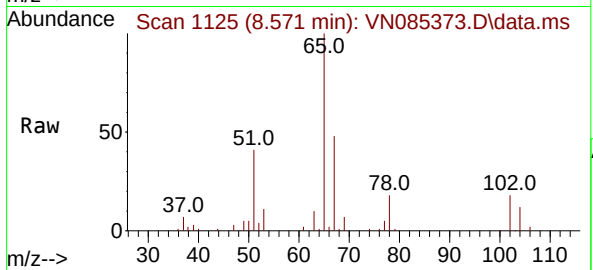




#27
 1,2-Dichloroethane-d4
 Concen: 29.396 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

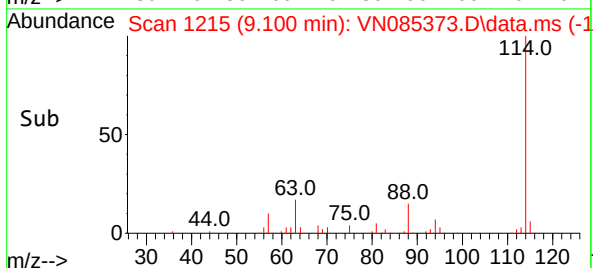
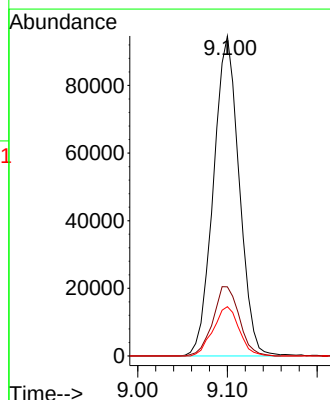
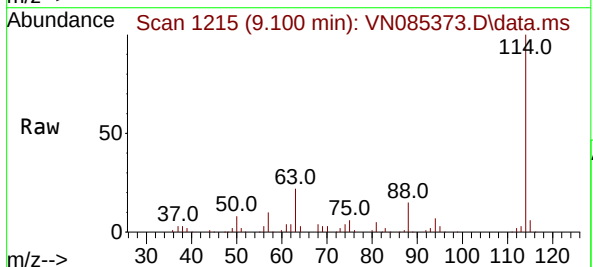
Instrument :
 MSVOA_N
 ClientSampleId :

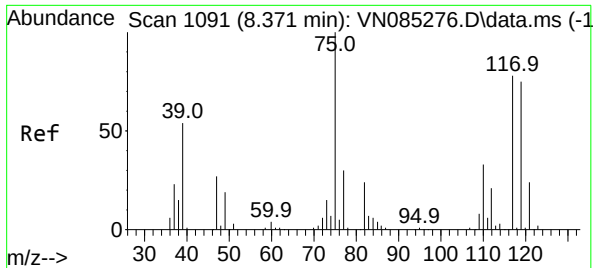
Tgt Ion: 65 Resp: 90236
 Ion Ratio Lower Upper
 65 100
 67 50.9 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

Tgt Ion: 114 Resp: 188370
 Ion Ratio Lower Upper
 114 100
 63 22.2 18.0 27.0
 88 15.5 12.9 19.3

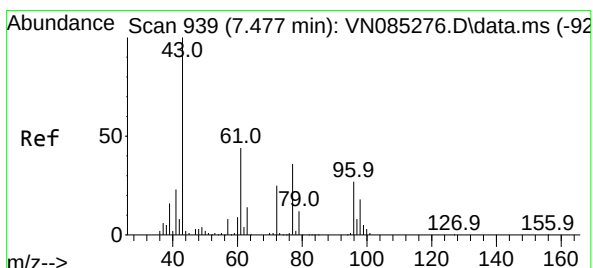
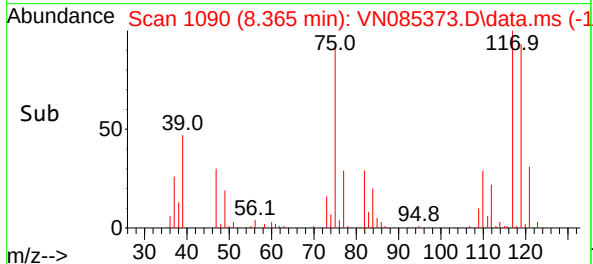
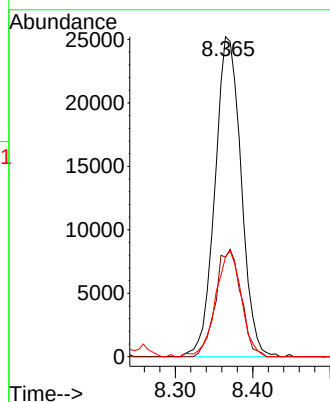
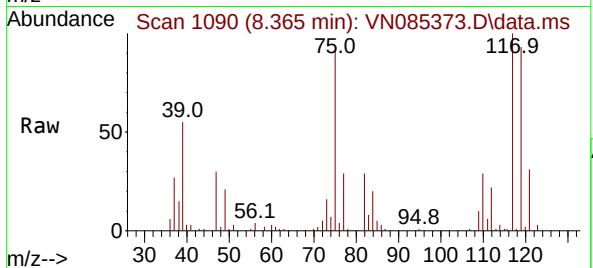




#29
1,1-Dichloropropene
Concen: 18.089 ug/l
RT: 8.365 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

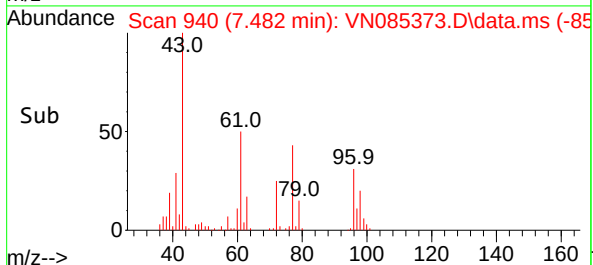
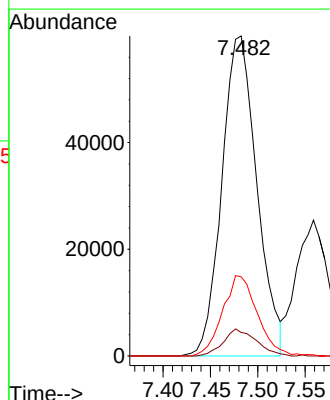
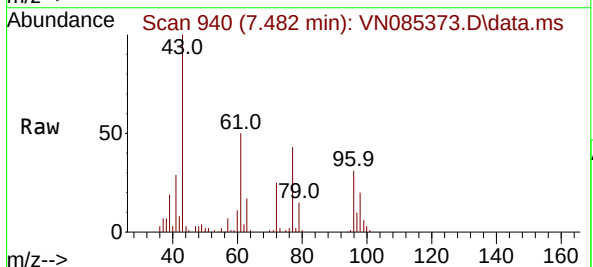
Instrument :
MSVOA_N
ClientSampleId :

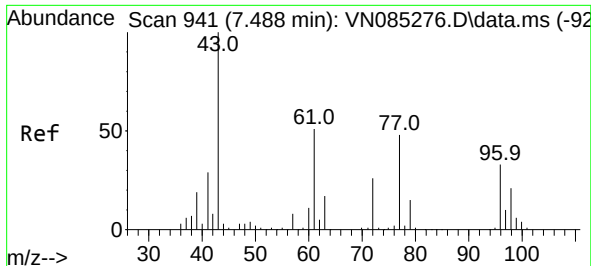
Tgt Ion: 75 Resp: 59160
Ion Ratio Lower Upper
75 100
110 32.5 0.0 64.8
77 32.2 0.0 60.8



#30
2-Butanone
Concen: 89.378 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 43 Resp: 154299
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.2
72 24.7 19.9 29.9





#31

2,2-Dichloropropane

Concen: 18.571 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

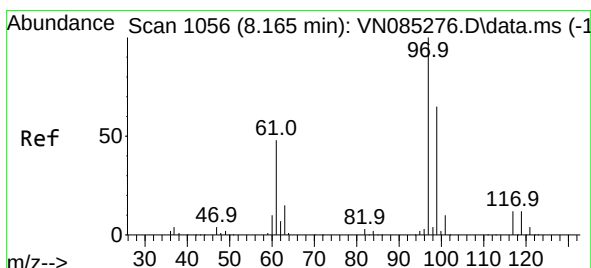
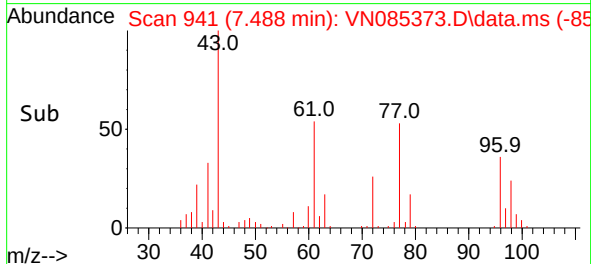
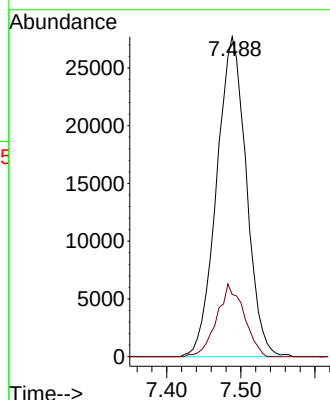
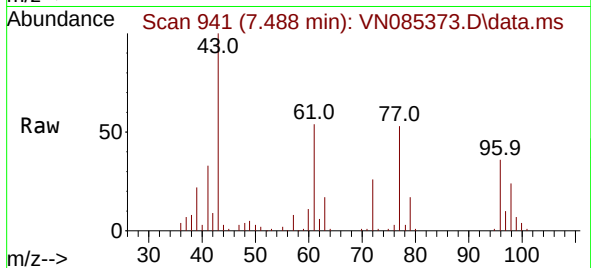
ClientSampleId :

Tgt Ion: 77 Resp: 76961

Ion Ratio Lower Upper

77 100

97 20.9 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 18.123 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

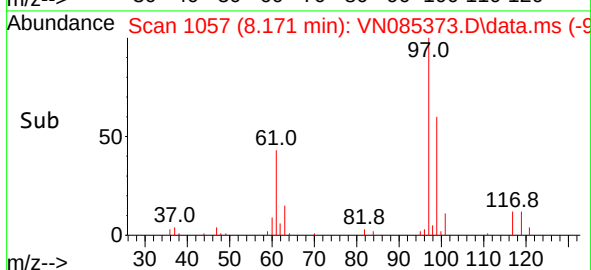
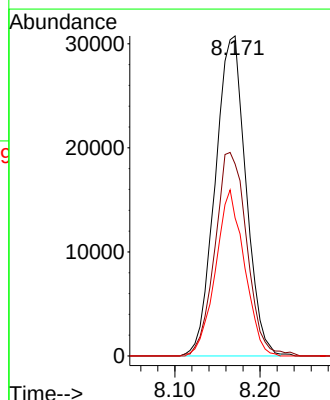
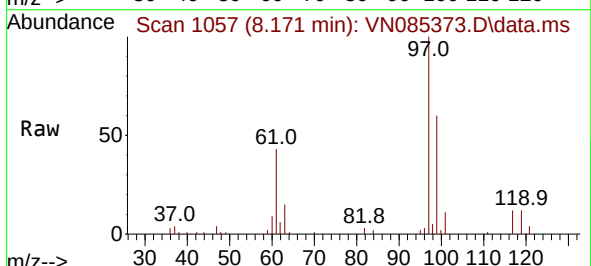
Tgt Ion: 97 Resp: 77054

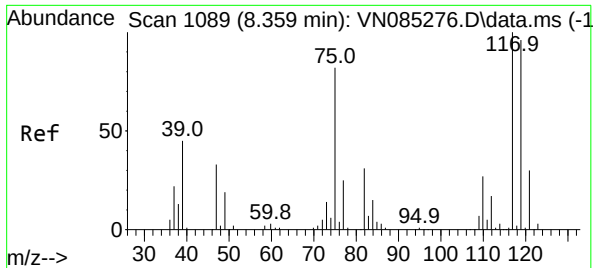
Ion Ratio Lower Upper

97 100

99 66.2 52.2 78.2

61 48.7 39.8 59.8

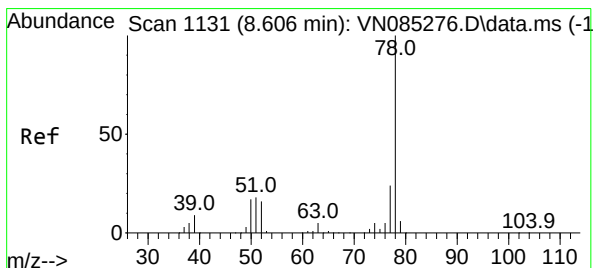
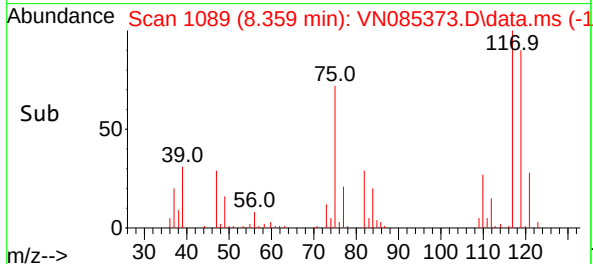
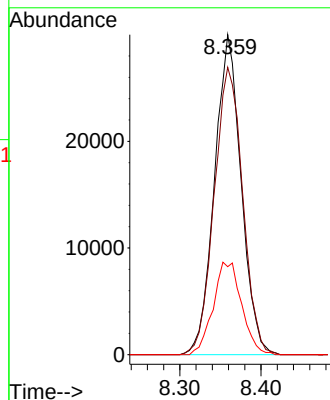
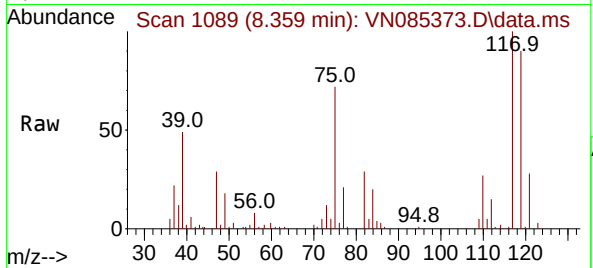




#33
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

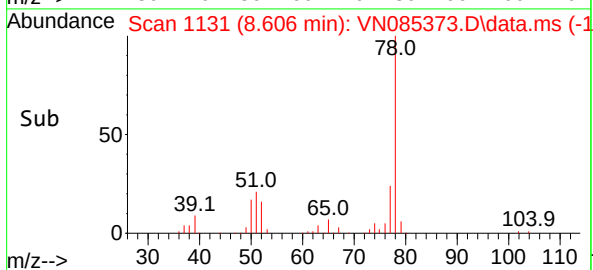
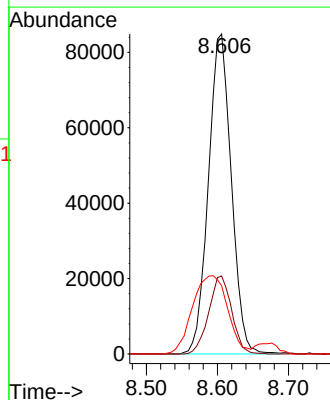
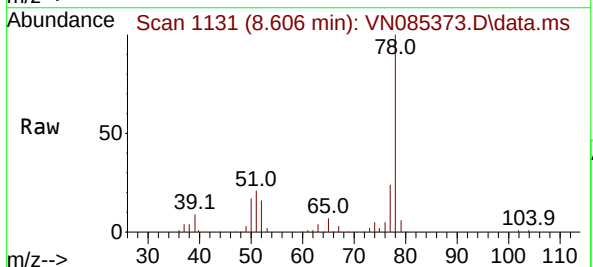
Instrument :
MSVOA_N
ClientSampleId :

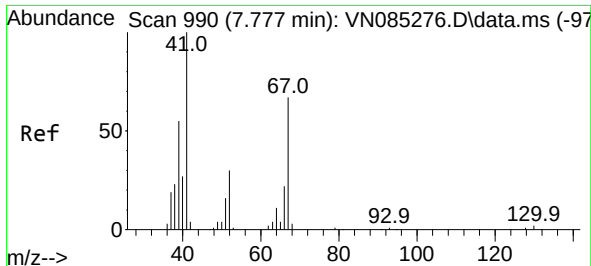
Tgt Ion:117 Resp: 68447
Ion Ratio Lower Upper
117 100
119 89.8 71.6 107.4
121 27.5 23.5 35.3



#34
Benzene
Concen: 18.399 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 78 Resp: 190211
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9
51 20.2 14.6 21.8



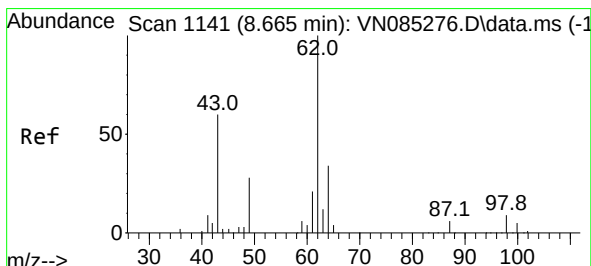
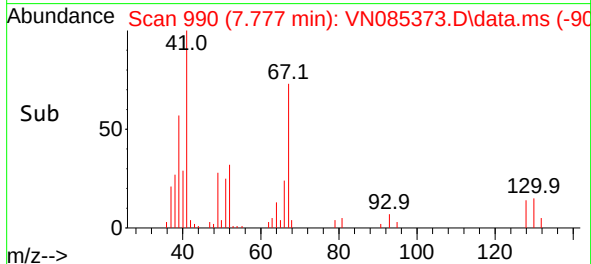
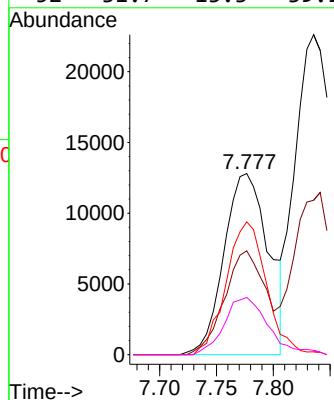
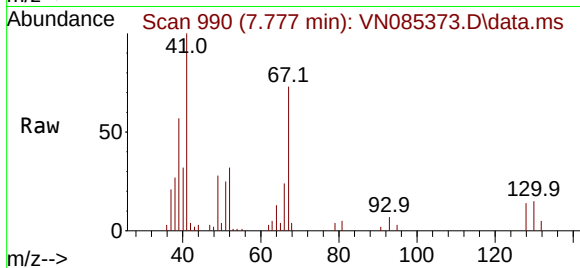


#35
Methacrylonitrile
Concen: 18.290 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 34953

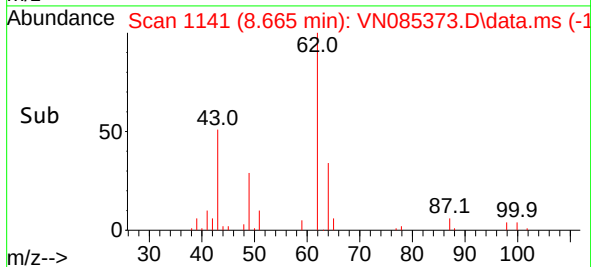
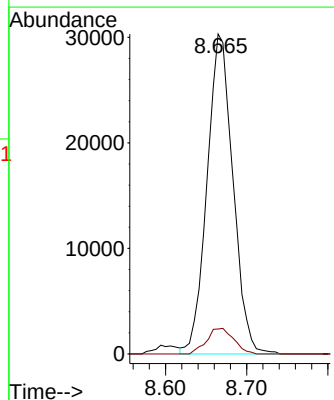
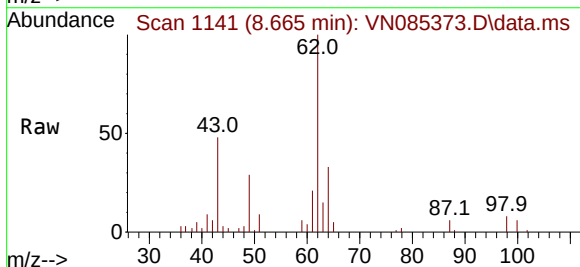
Ion	Ratio	Lower	Upper
41	100		
39	57.3	26.7	80.0
67	73.4	32.5	97.5
52	31.7	13.3	39.9

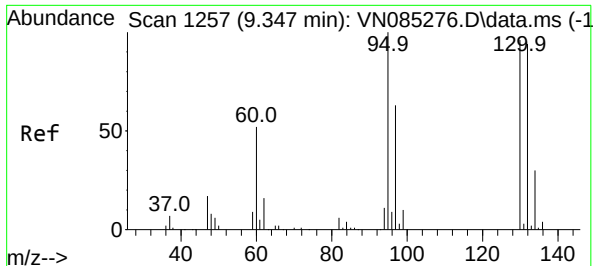


#36
1,2-Dichloroethane
Concen: 17.983 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 62 Resp: 67226

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0





#37

Trichloroethene

Concen: 18.740 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

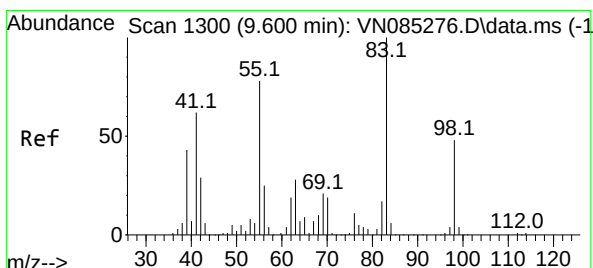
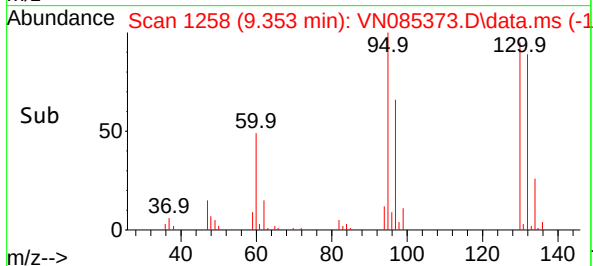
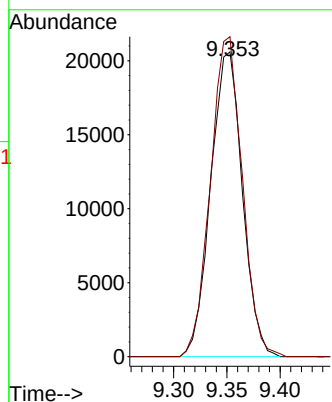
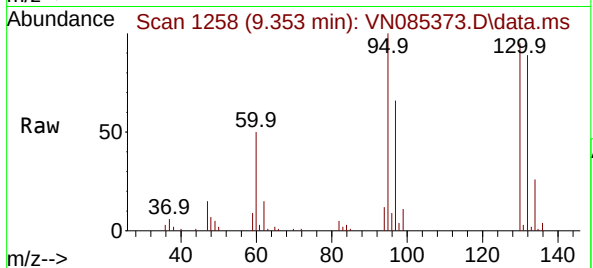
ClientSampleId :

Tgt Ion:130 Resp: 42625

Ion Ratio Lower Upper

130 100

95 105.0 80.0 120.0



#38

Methylcyclohexane

Concen: 18.015 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

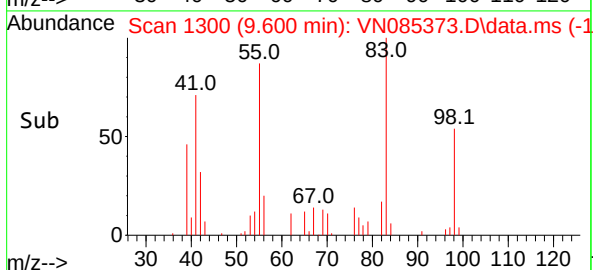
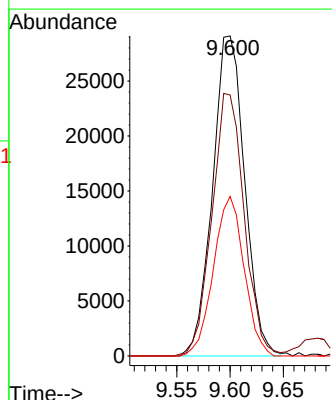
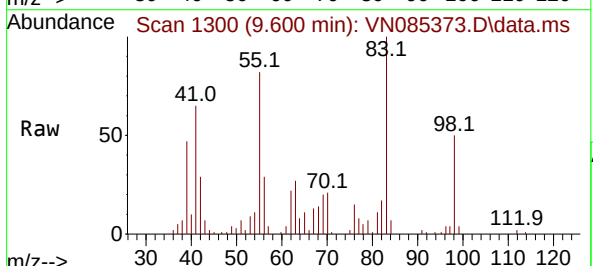
Tgt Ion: 83 Resp: 60970

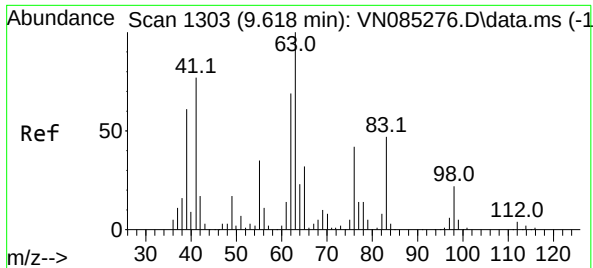
Ion Ratio Lower Upper

83 100

55 82.2 43.6 130.8

98 47.6 24.2 72.6





#39

1,2-Dichloropropane

Concen: 18.304 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

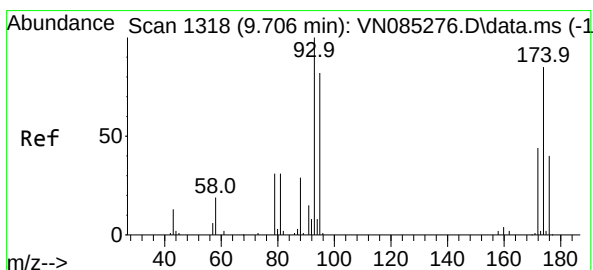
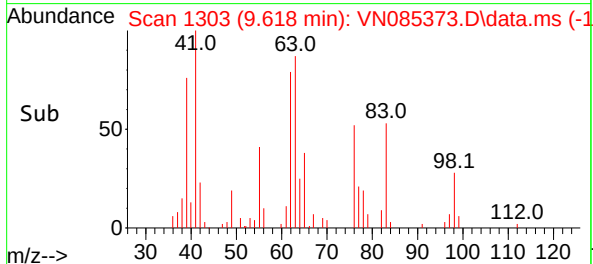
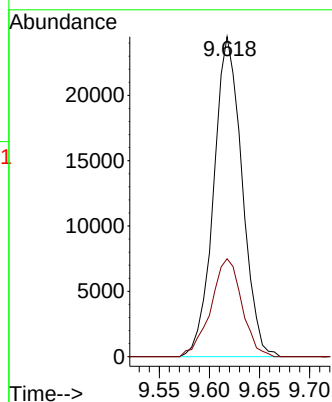
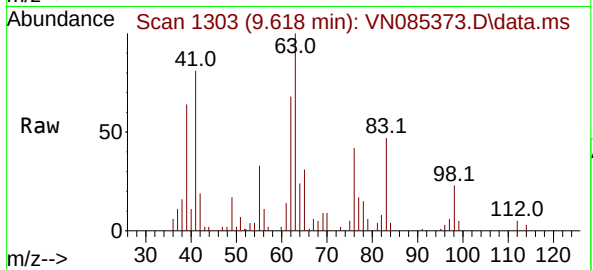
ClientSampleId :

Tgt Ion: 63 Resp: 48144

Ion Ratio Lower Upper

63 100

65 30.6 26.1 39.1



#40

Dibromomethane

Concen: 17.857 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

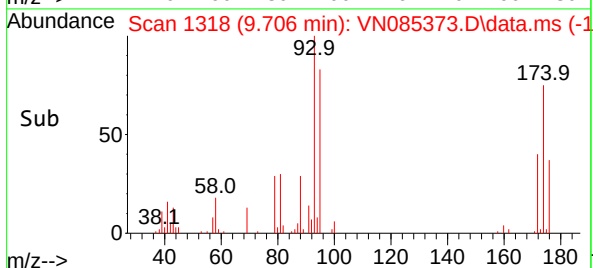
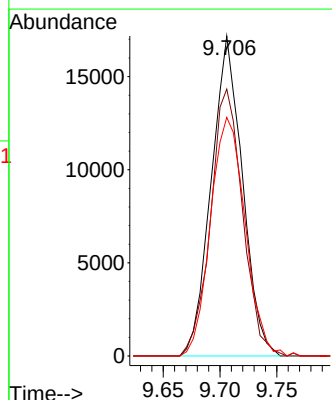
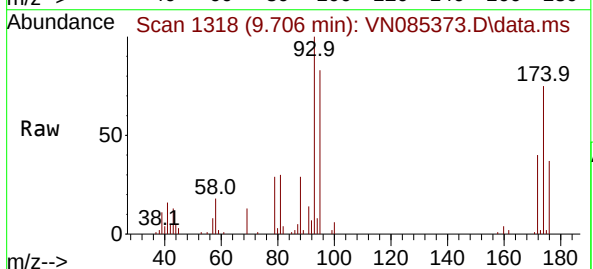
Tgt Ion: 93 Resp: 32747

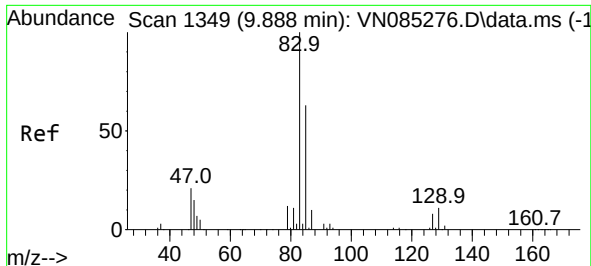
Ion Ratio Lower Upper

93 100

95 85.7 0.0 167.6

174 82.8 0.0 171.0

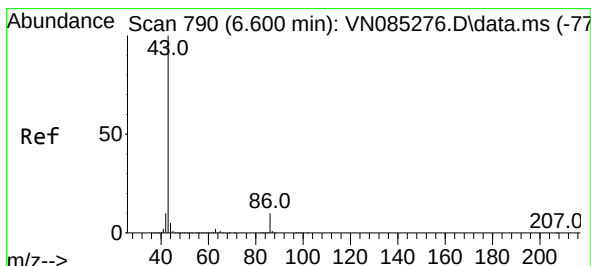
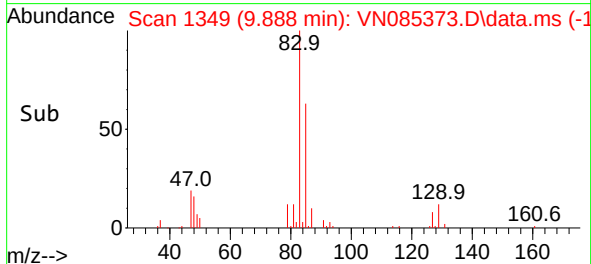
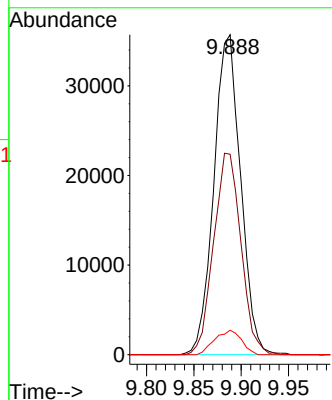
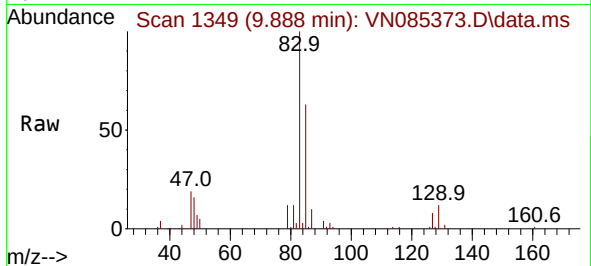




#41
Bromodichloromethane
Concen: 18.338 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

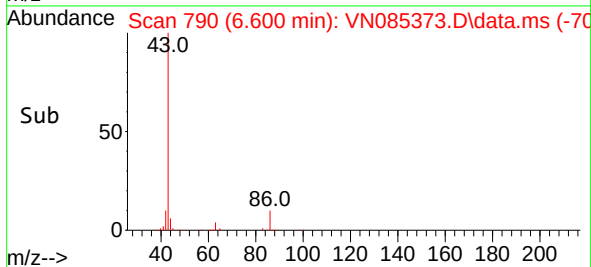
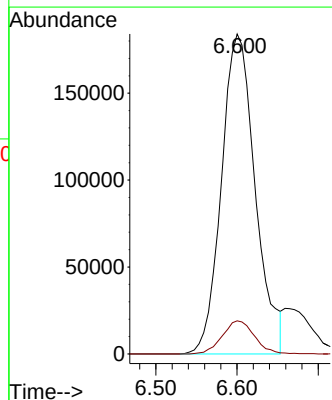
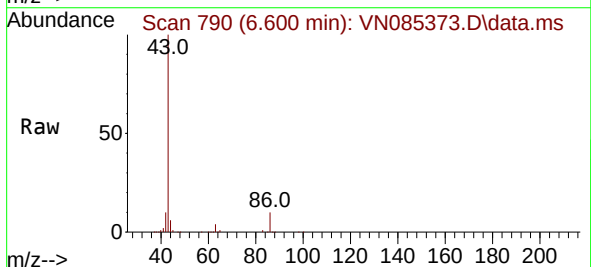
Instrument :
MSVOA_N
ClientSampleId :

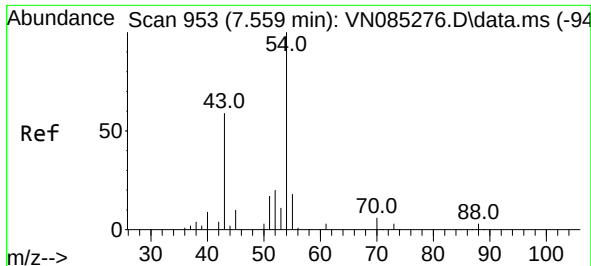
Tgt Ion: 83 Resp: 70277
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 7.6 5.8 8.6



#42
Vinyl Acetate
Concen: 87.399 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 43 Resp: 532595
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

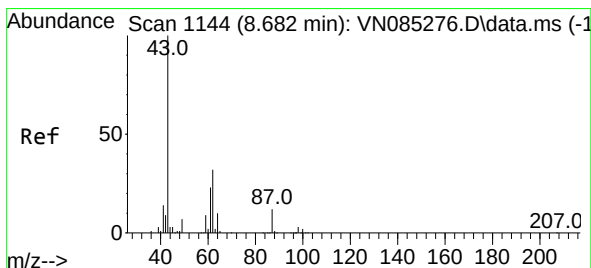
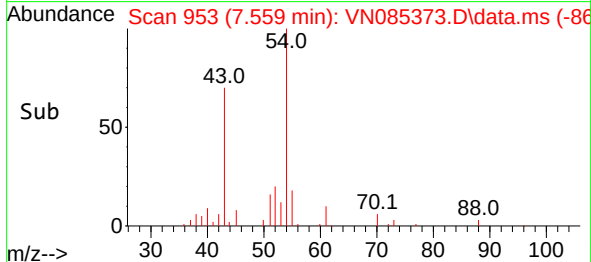
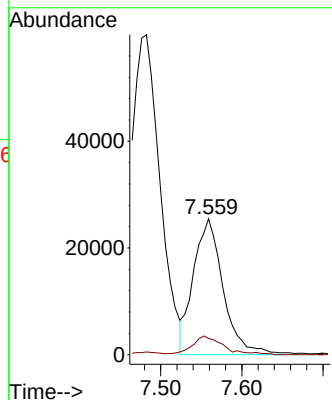
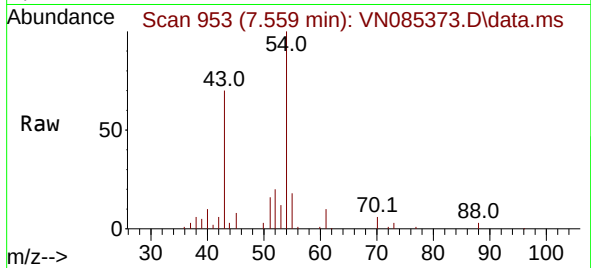




#43
Ethyl Acetate
Concen: 18.138 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

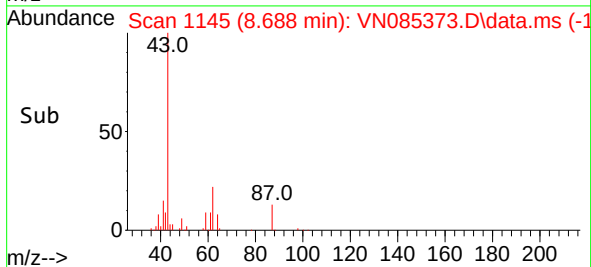
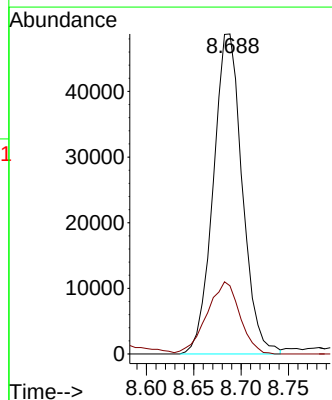
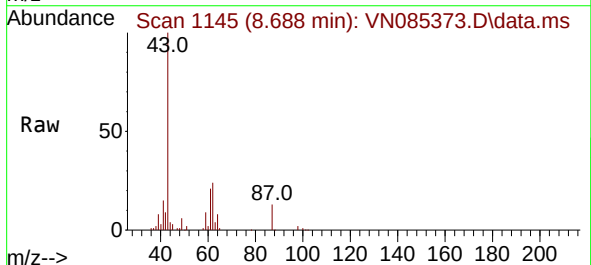
Instrument :
MSVOA_N
ClientSampleId :

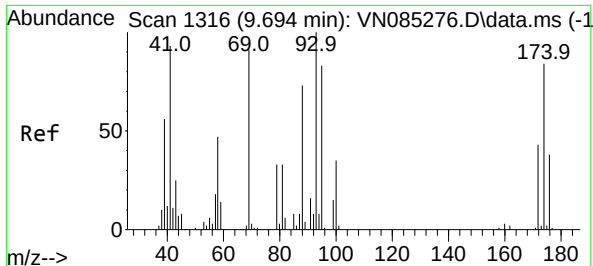
Tgt Ion: 43 Resp: 64755
Ion Ratio Lower Upper
43 100
45 11.8 11.9 17.9#



#44
Isopropyl Acetate
Concen: 17.510 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 43 Resp: 103845
Ion Ratio Lower Upper
43 100
61 25.5 19.7 29.5





#45

1,4-Dioxane

Concen: 351.188 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

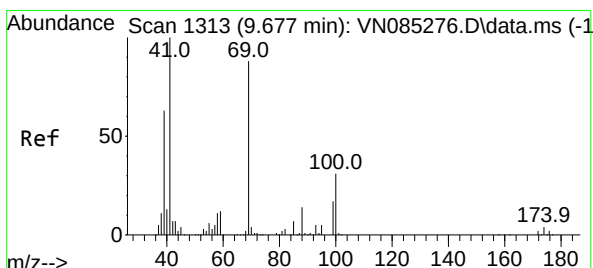
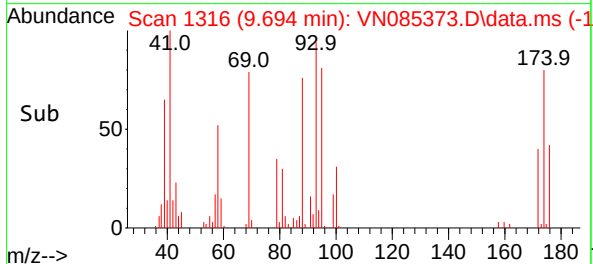
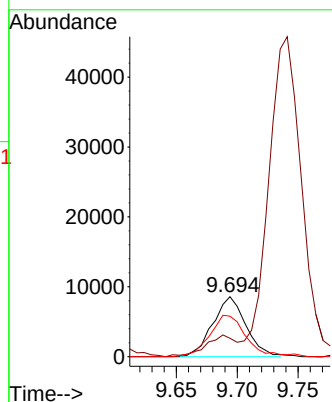
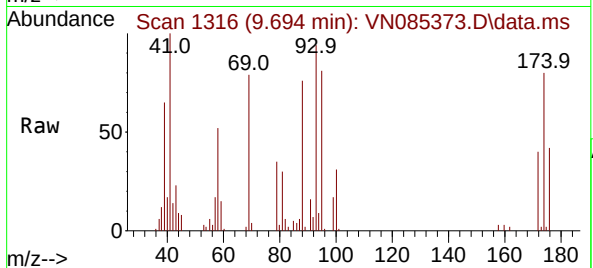
Tgt Ion: 88 Resp: 16200

Ion Ratio Lower Upper

88 100

43 29.0 25.4 38.2

58 75.1 58.5 87.7



#46

Methyl methacrylate

Concen: 16.867 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

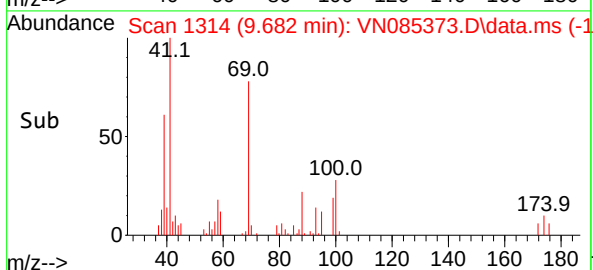
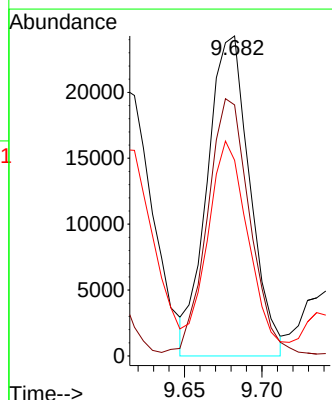
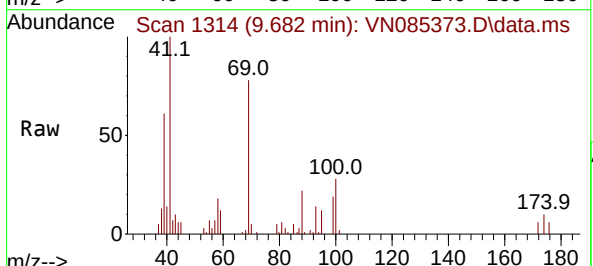
Tgt Ion: 41 Resp: 46434

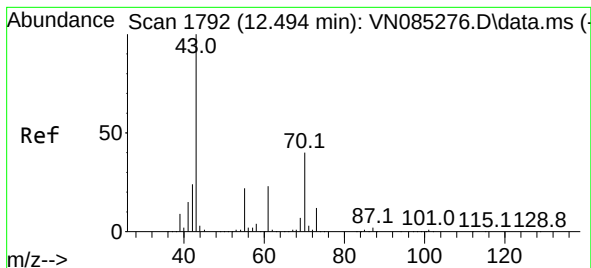
Ion Ratio Lower Upper

41 100

69 81.1 39.9 119.6

39 60.4 31.6 95.0





#47

n-amyl acetate

Concen: 17.268 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

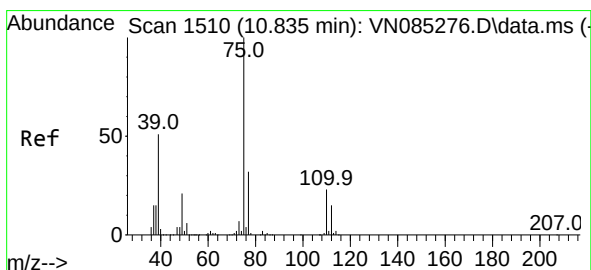
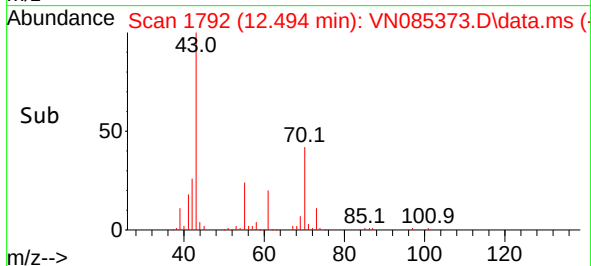
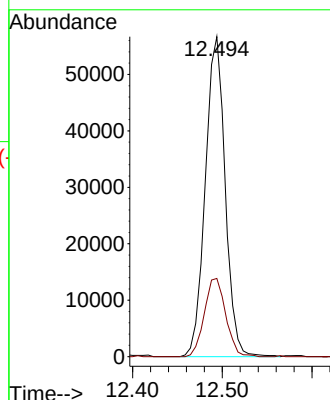
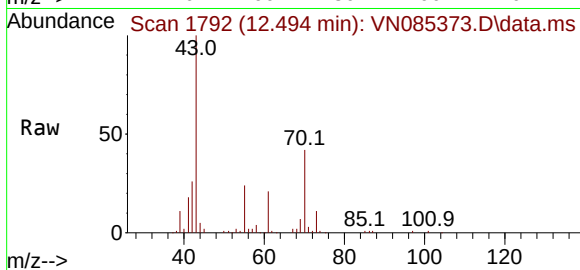
ClientSampleId :

Tgt Ion: 43 Resp: 87243

Ion Ratio Lower Upper

43 100

55 26.3 21.3 31.9



#48

t-1,3-Dichloropropene

Concen: 17.549 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VN085373.D

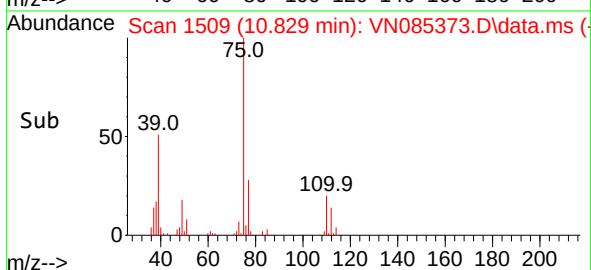
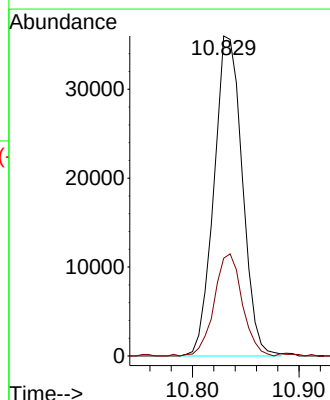
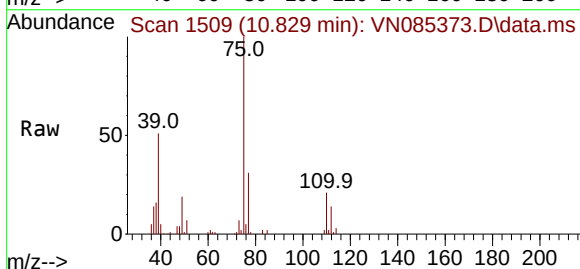
Acq: 02 Jan 2025 11:11

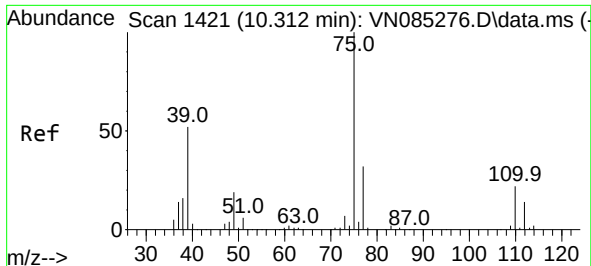
Tgt Ion: 75 Resp: 66432

Ion Ratio Lower Upper

75 100

77 30.5 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 18.253 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

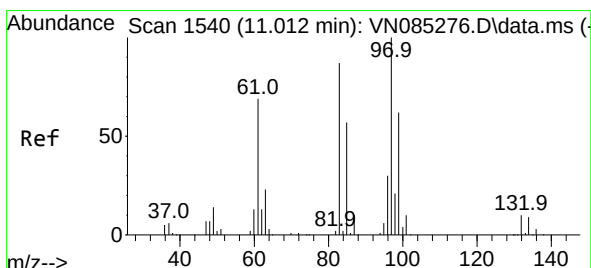
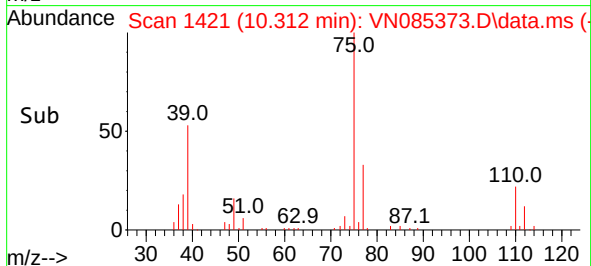
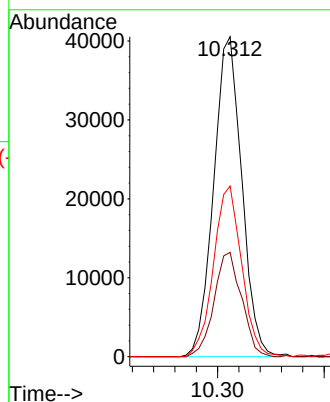
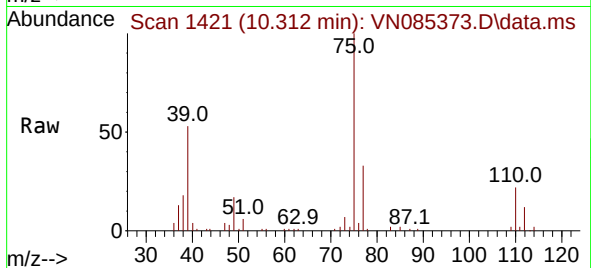
Tgt Ion: 75 Resp: 74284

Ion Ratio Lower Upper

75 100

77 32.6 26.6 40.0

39 53.3 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 18.515 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Tgt Ion: 97 Resp: 44405

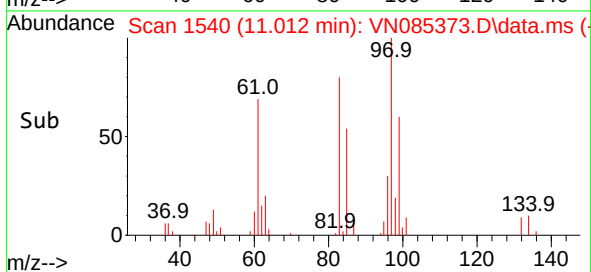
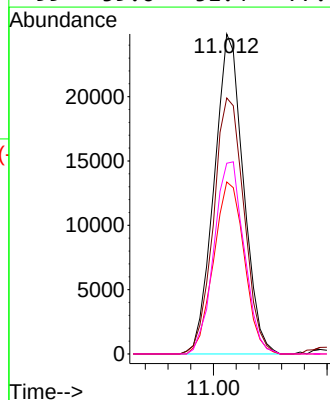
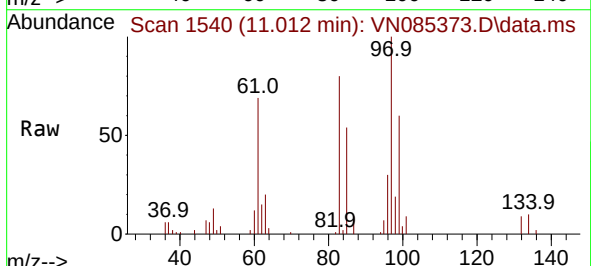
Ion Ratio Lower Upper

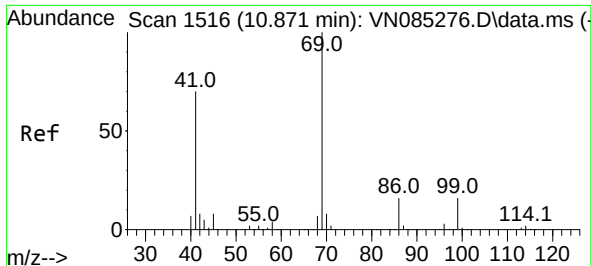
97 100

83 80.0 72.2 108.2

85 53.8 46.6 70.0

99 59.6 51.4 77.0

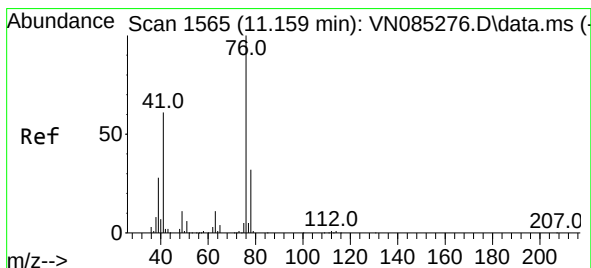
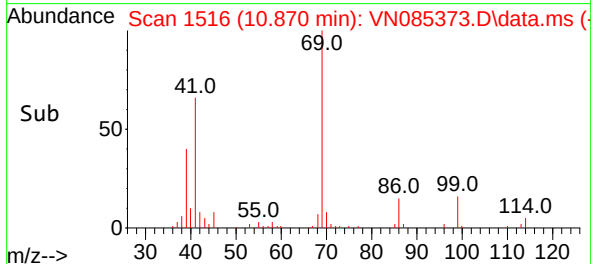
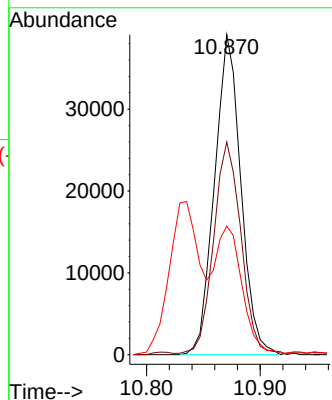
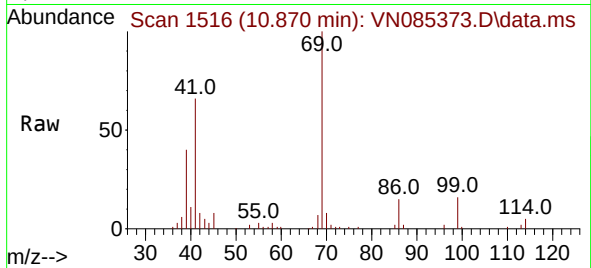




#51
Ethyl methacrylate
Concen: 17.351 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

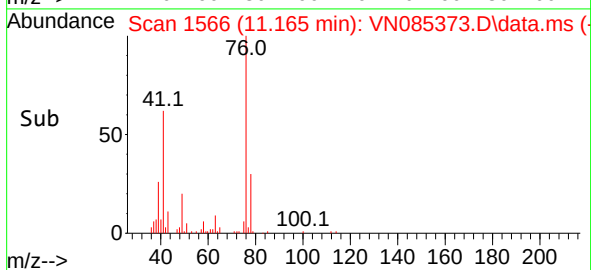
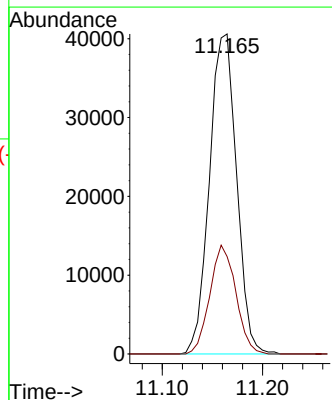
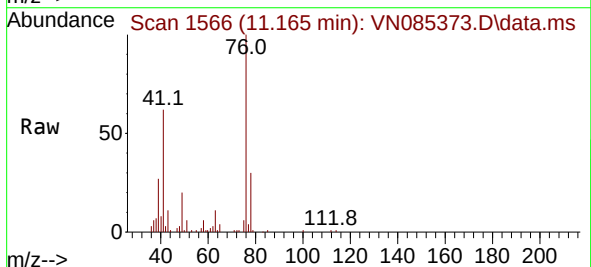
Instrument :
MSVOA_N
ClientSampleId :

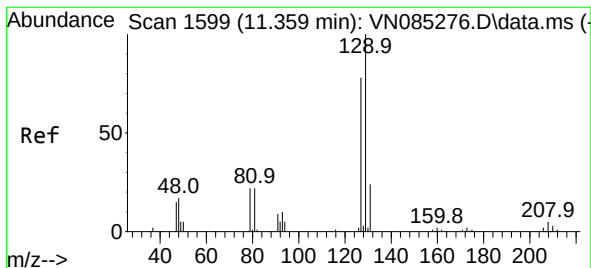
Tgt Ion: 69 Resp: 62938
Ion Ratio Lower Upper
69 100
41 66.0 38.1 114.5
39 39.7 24.1 72.2



#52
1,3-Dichloropropane
Concen: 18.241 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 76 Resp: 76363
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.2





#53

Dibromochloromethane

Concen: 18.139 ug/l

RT: 11.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

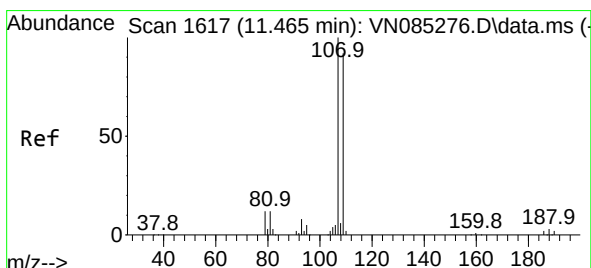
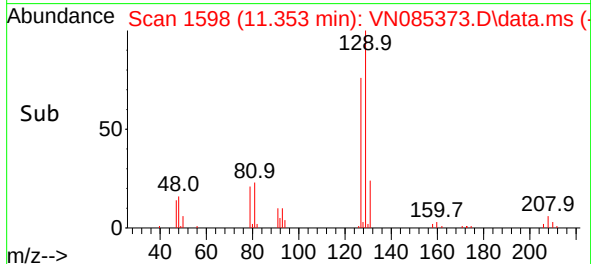
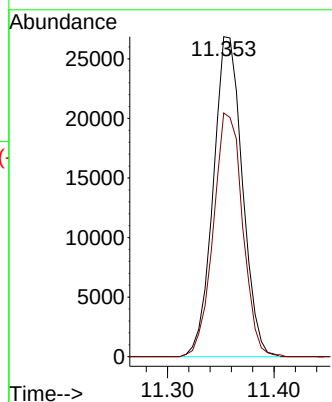
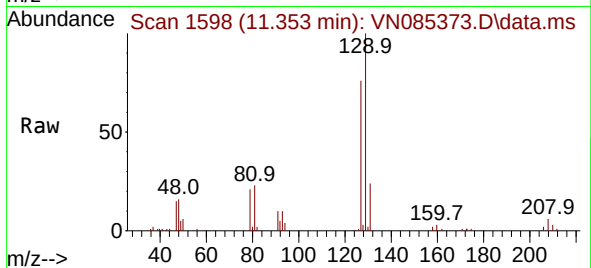
ClientSampleId :

Tgt Ion:129 Resp: 50973

Ion Ratio Lower Upper

129 100

127 76.4 38.1 114.3



#54

1,2-Dibromoethane

Concen: 18.294 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085373.D

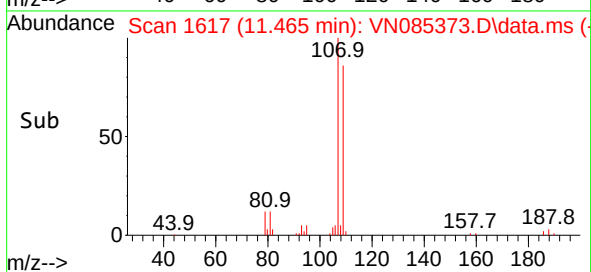
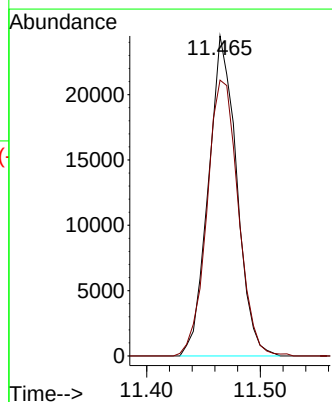
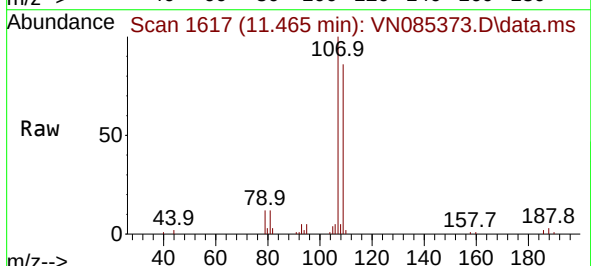
Acq: 02 Jan 2025 11:11

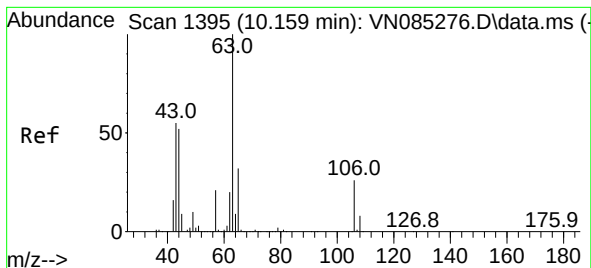
Tgt Ion:107 Resp: 42459

Ion Ratio Lower Upper

107 100

109 95.1 76.2 114.4

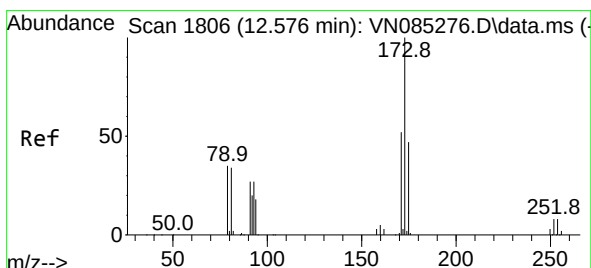
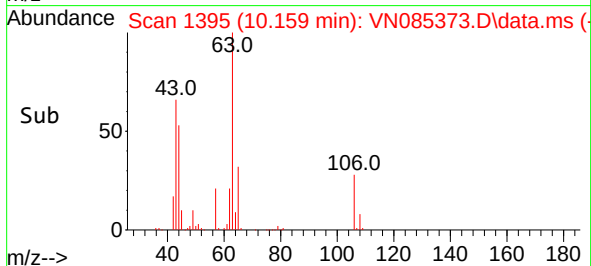
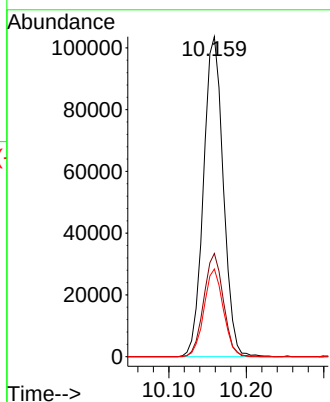
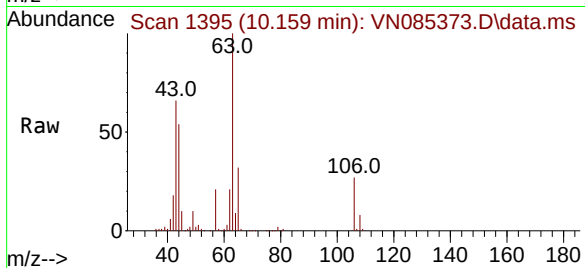




#55
2-Chloroethyl vinyl ether
Concen: 98.301 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

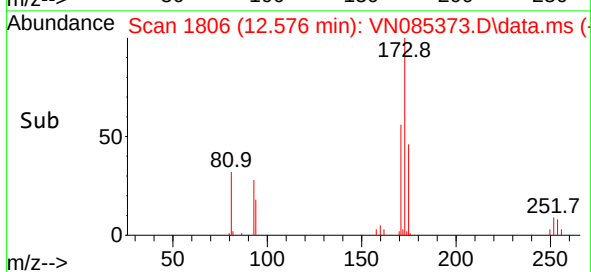
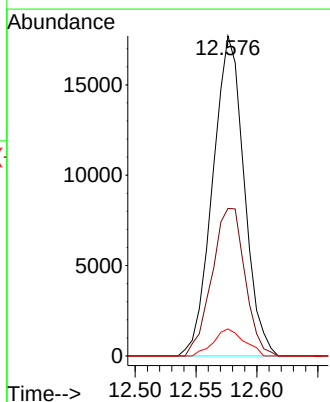
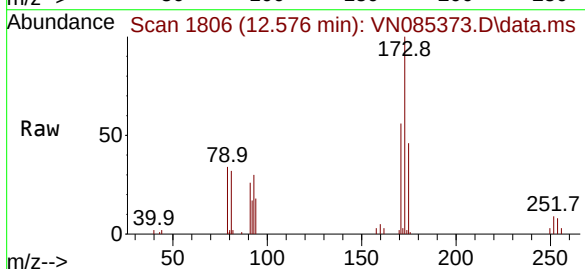
Instrument :
MSVOA_N
ClientSampleId :

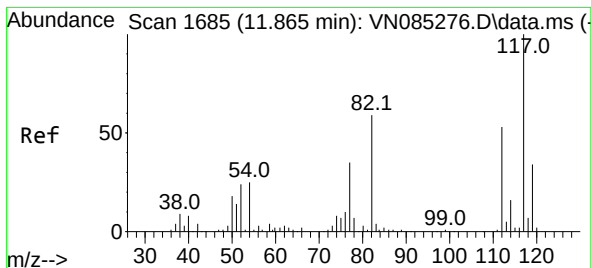
Tgt Ion: 63 Resp: 183673
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 26.8 21.2 31.8



#56
Bromoform
Concen: 17.330 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion:173 Resp: 31770
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 8.3 7.2 10.8

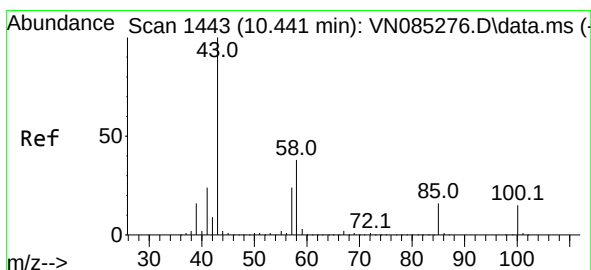
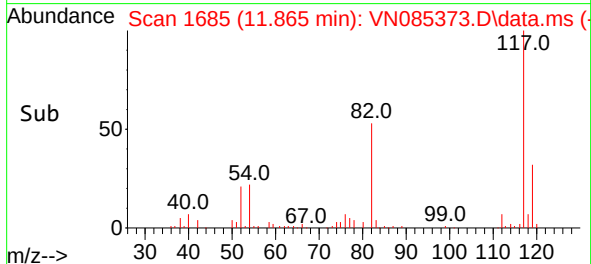
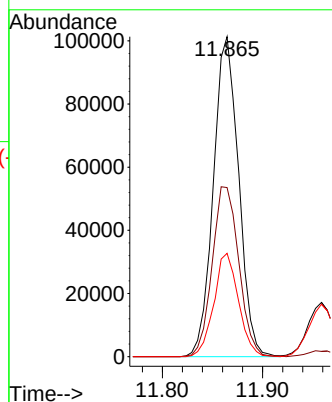
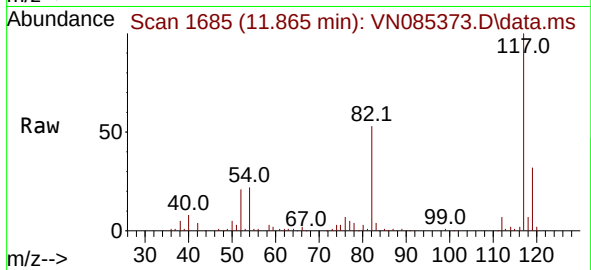




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

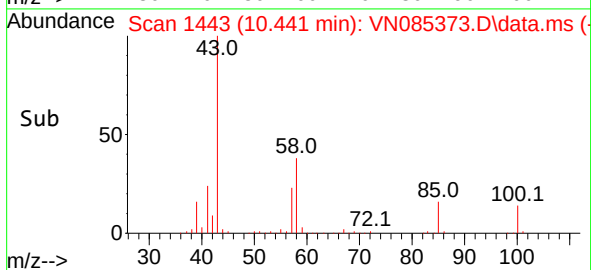
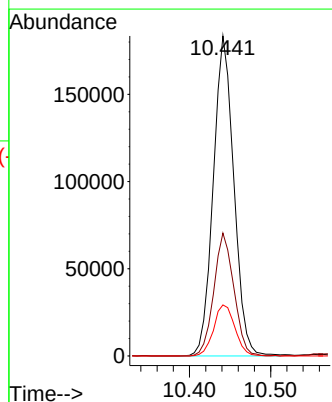
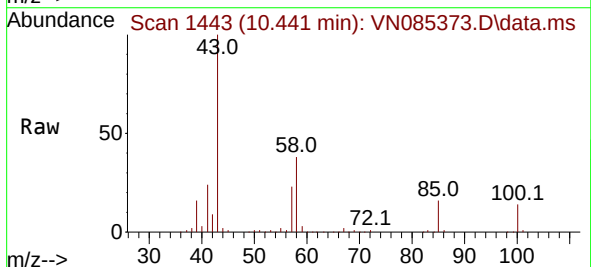
Instrument :
MSVOA_N
ClientSampleId :

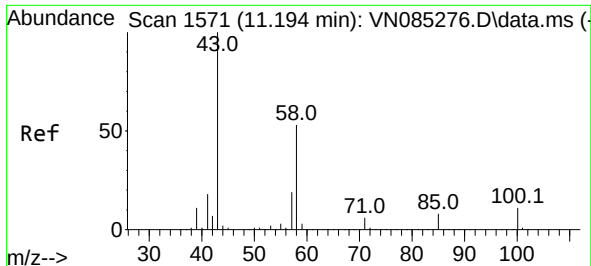
Tgt Ion:117 Resp: 177459
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.0
119 31.5 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 89.909 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 43 Resp: 323452
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
85 16.5 12.8 19.2

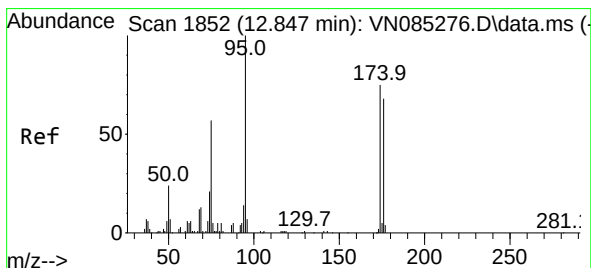
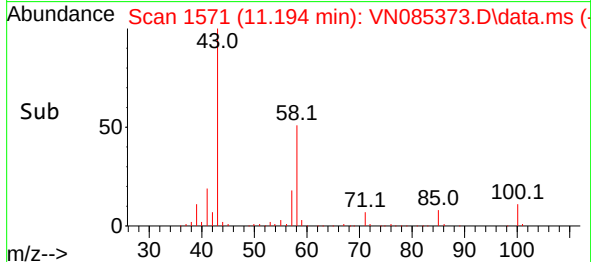
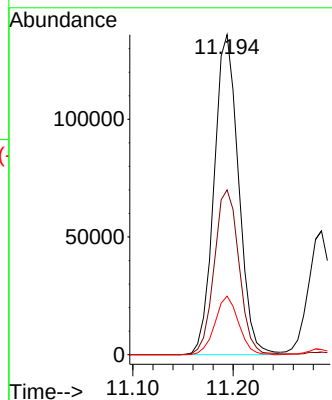
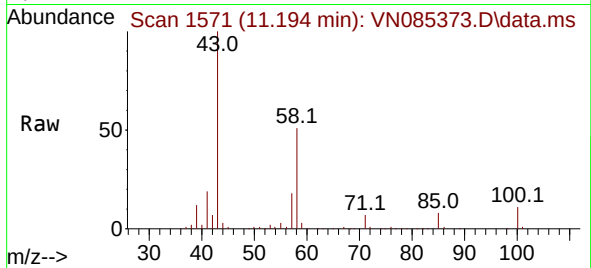




#59
2-Hexanone
Concen: 88.296 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

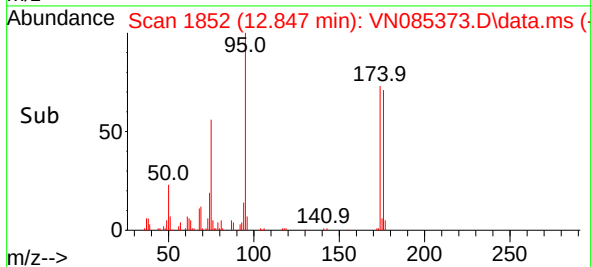
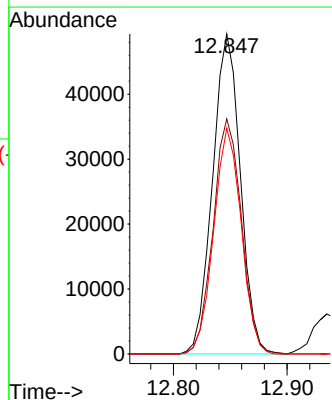
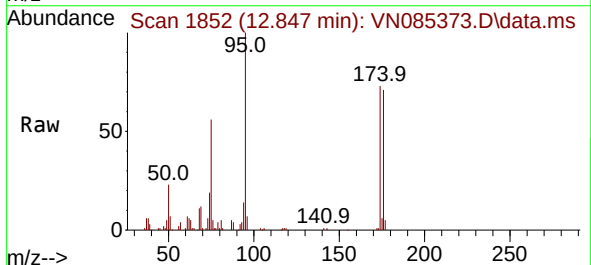
Instrument :
MSVOA_N
ClientSampleId :

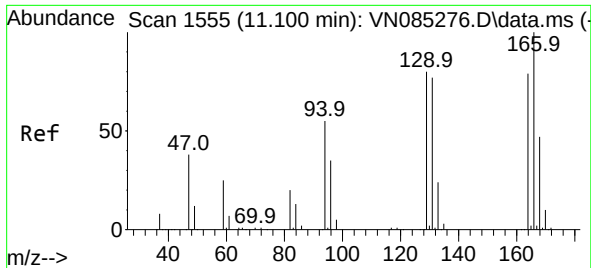
Tgt Ion: 43 Resp: 230759
Ion Ratio Lower Upper
43 100
58 52.1 40.2 60.4
57 17.6 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 29.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 95 Resp: 83815
Ion Ratio Lower Upper
95 100
174 74.7 57.8 86.8
176 69.9 57.1 85.7

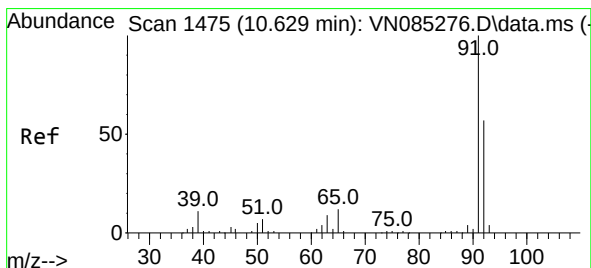
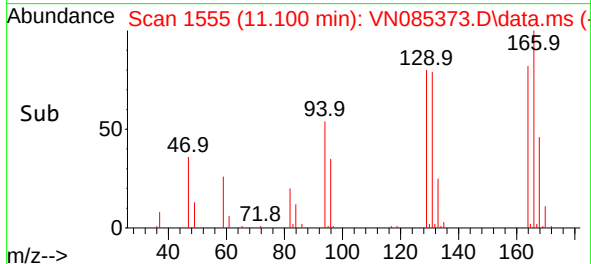
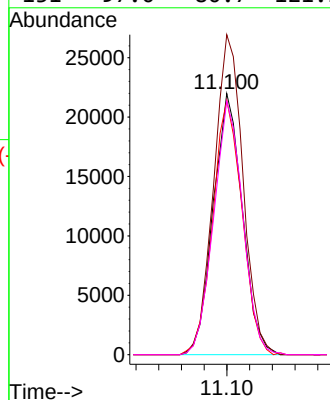
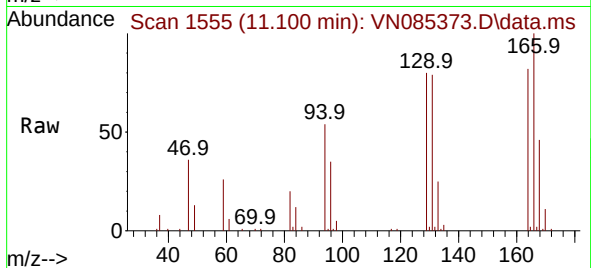




#61
Tetrachloroethene
Concen: 19.801 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

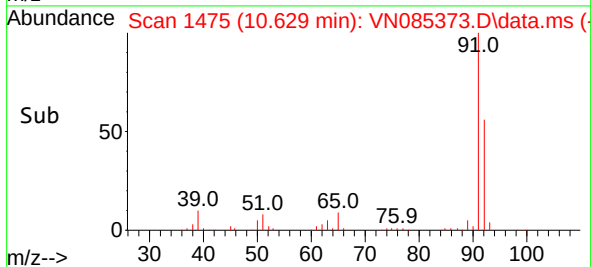
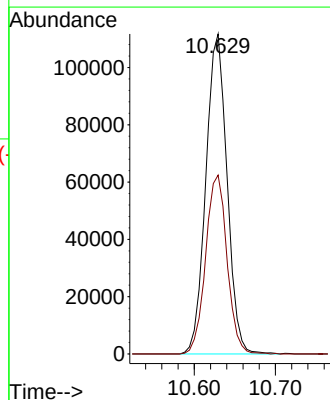
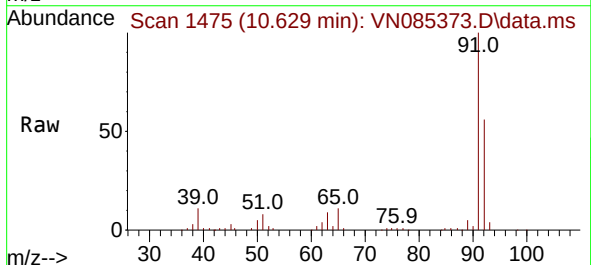
Instrument :
MSVOA_N
ClientSampleId :

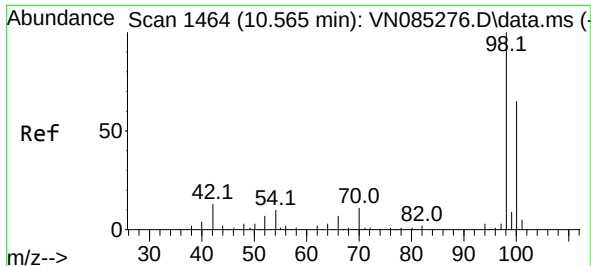
Tgt Ion:164 Resp: 39228
Ion Ratio Lower Upper
164 100
166 122.5 109.0 163.4
129 97.4 85.1 127.7
131 97.0 80.7 121.1



#62
Toluene
Concen: 18.601 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 91 Resp: 202799
Ion Ratio Lower Upper
91 100
92 56.3 45.9 68.9

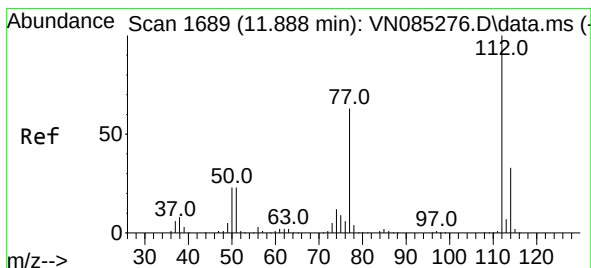
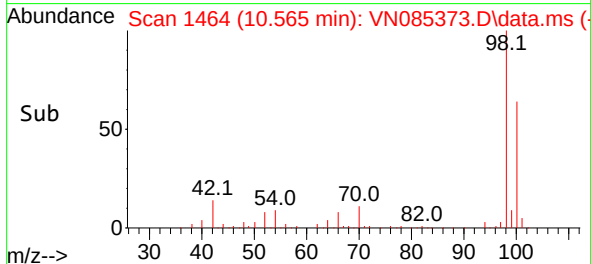
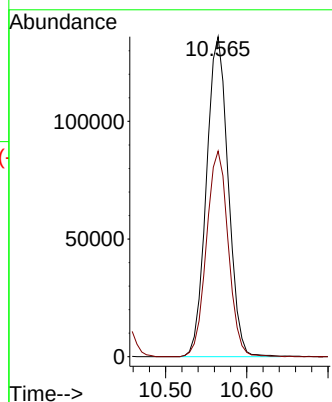
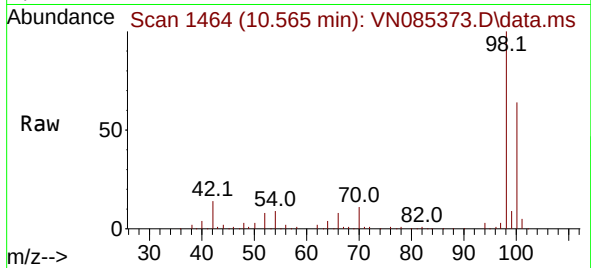




#63
Toluene-d8
Concen: 29.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

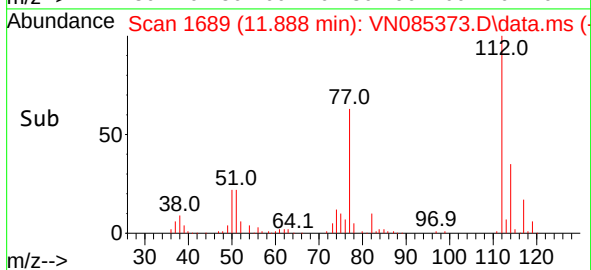
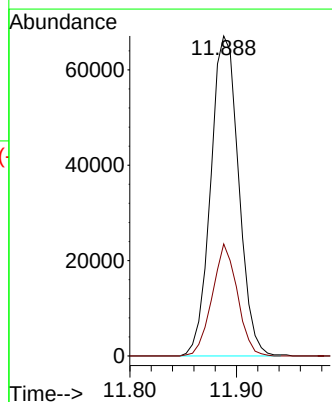
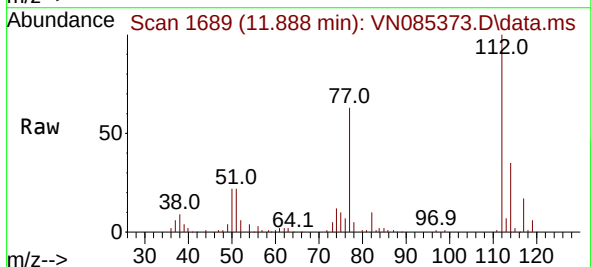
Instrument :
MSVOA_N
ClientSampleId :

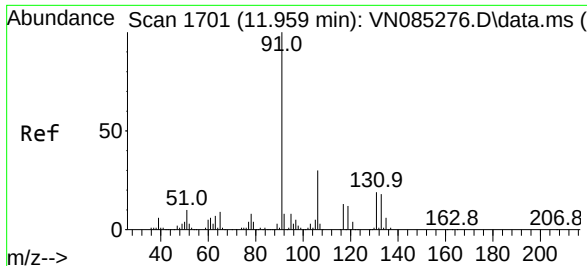
Tgt Ion: 98 Resp: 253470
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2



#64
Chlorobenzene
Concen: 18.595 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 112 Resp: 122269
Ion Ratio Lower Upper
112 100
114 35.0 26.4 39.6

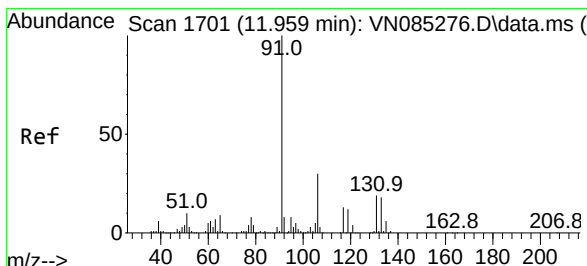
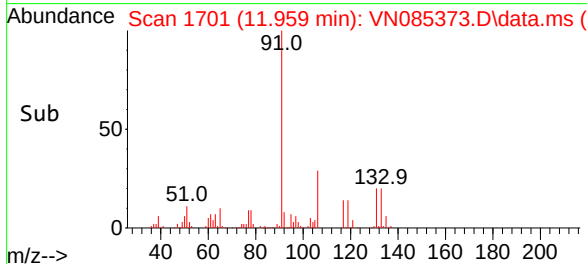
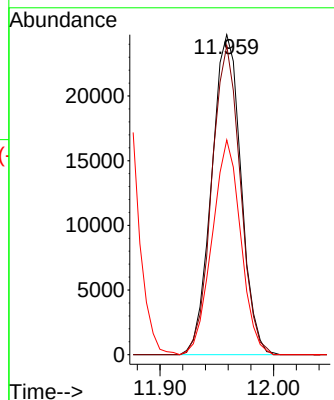
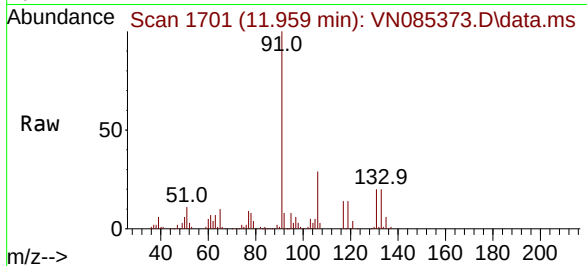




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.605 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

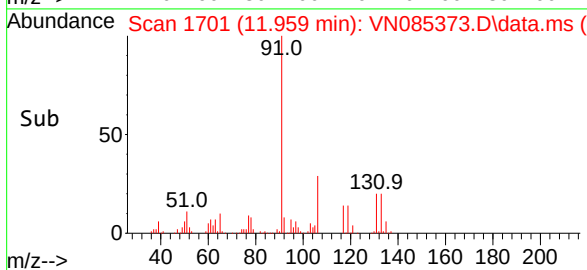
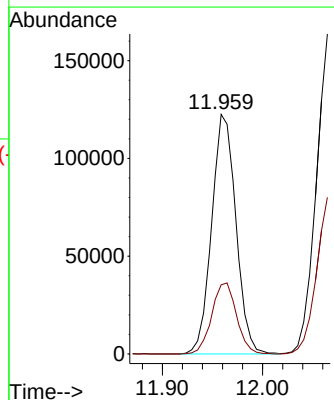
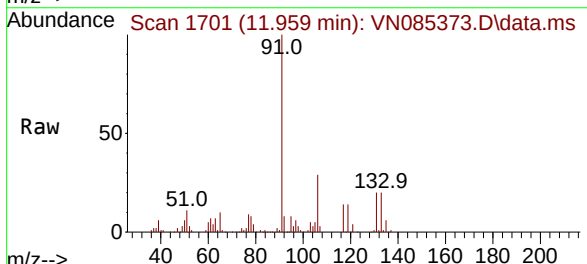
Instrument :
 MSVOA_N
 ClientSampleId :

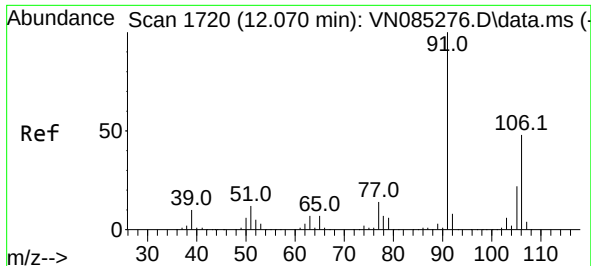
Tgt Ion:131 Resp: 44365
 Ion Ratio Lower Upper
 131 100
 133 93.9 0.0 189.4
 119 65.5 0.0 135.0



#66
 Ethyl Benzene
 Concen: 17.946 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

Tgt Ion: 91 Resp: 205867
 Ion Ratio Lower Upper
 91 100
 106 28.8 23.2 34.8

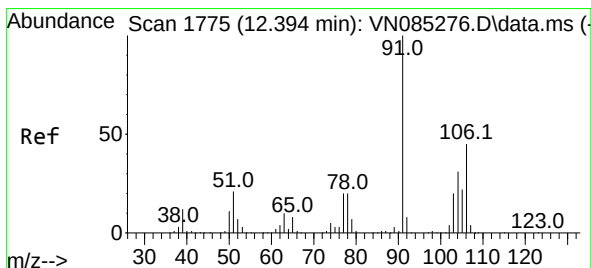
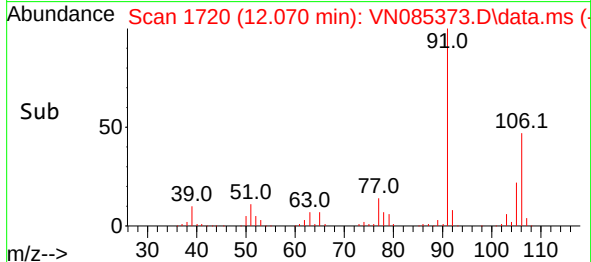
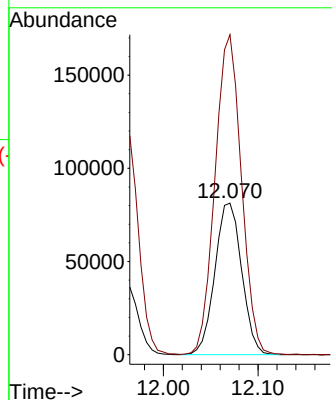
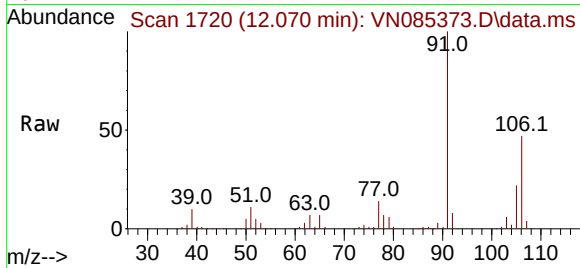




#67
m/p-Xylenes
Concen: 37.215 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

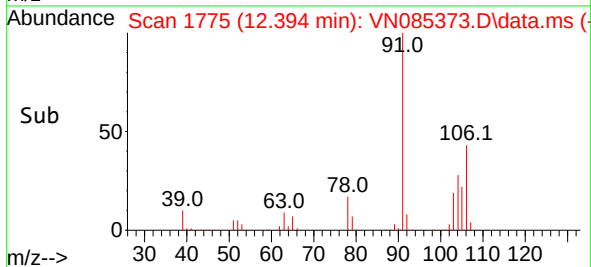
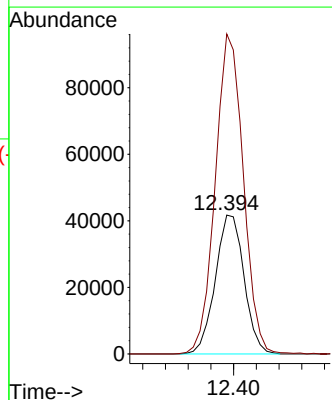
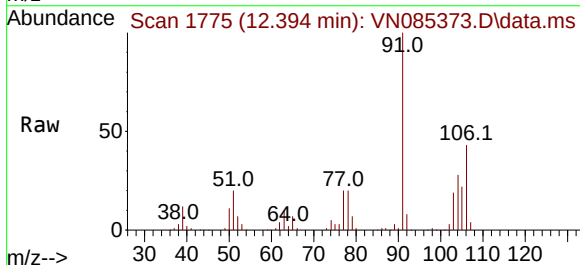
Instrument :
MSVOA_N
ClientSampleId :

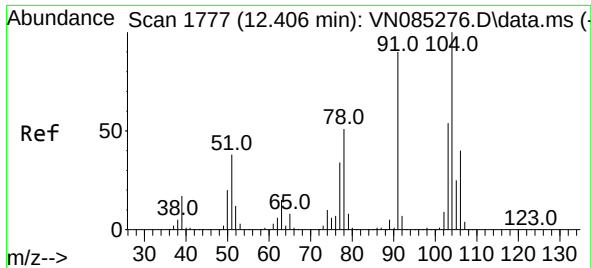
Tgt Ion:106 Resp: 160161
Ion Ratio Lower Upper
106 100
91 208.0 167.0 250.4



#68
o-Xylene
Concen: 17.861 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion:106 Resp: 73220
Ion Ratio Lower Upper
106 100
91 225.4 110.6 331.8

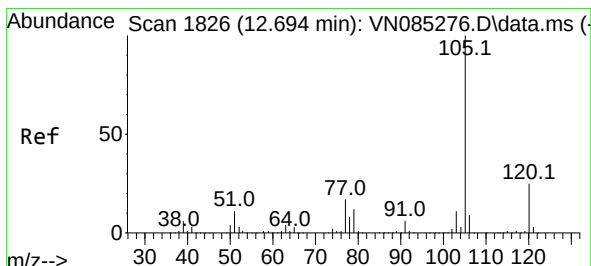
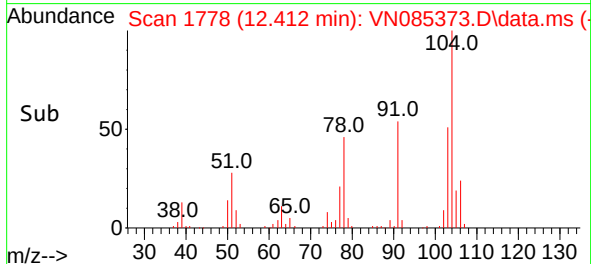
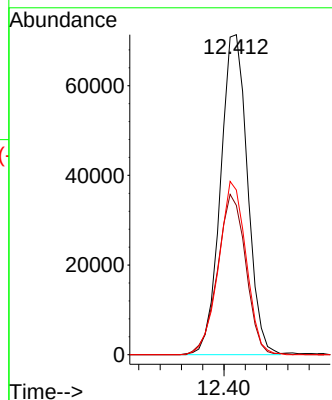
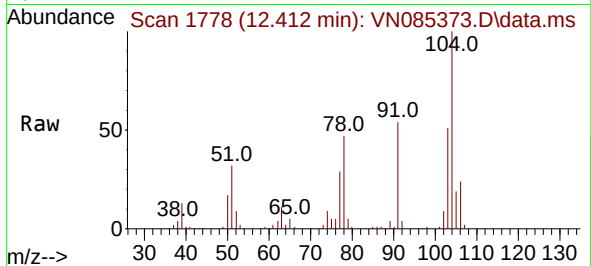




#69
Styrene
Concen: 18.118 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

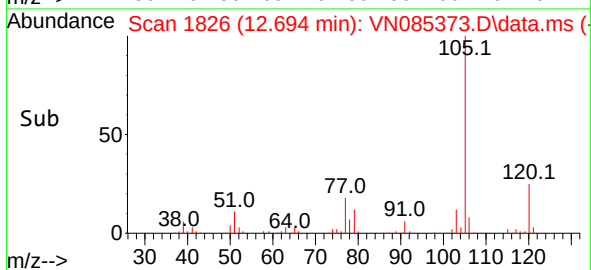
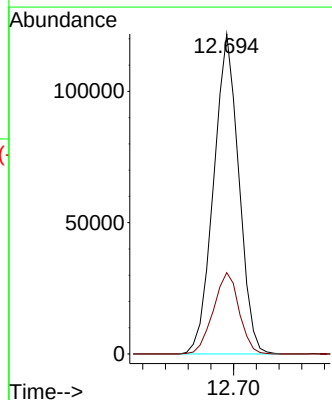
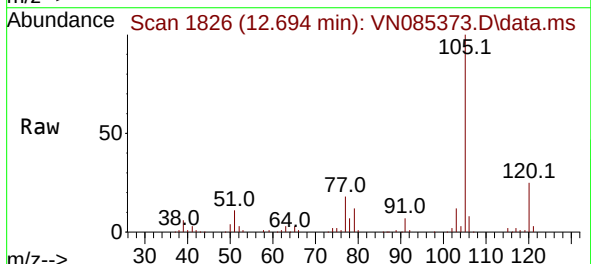
Instrument :
MSVOA_N
ClientSampleId :

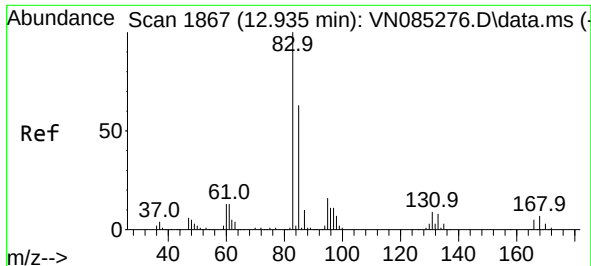
Tgt Ion:104 Resp: 125523
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.4
103 55.2 44.8 67.2



#70
Isopropylbenzene
Concen: 18.212 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion:105 Resp: 187465
Ion Ratio Lower Upper
105 100
120 26.0 18.4 34.2

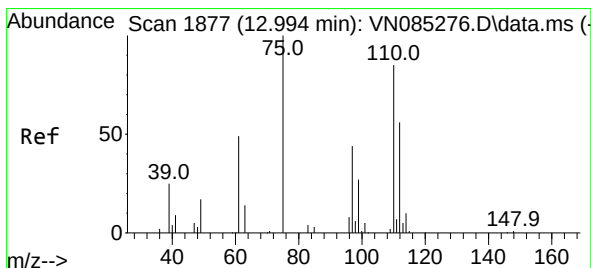
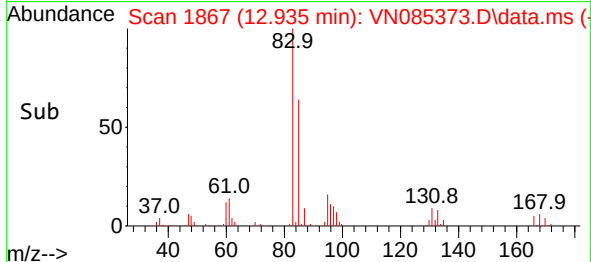
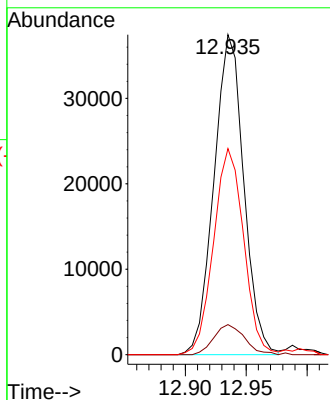
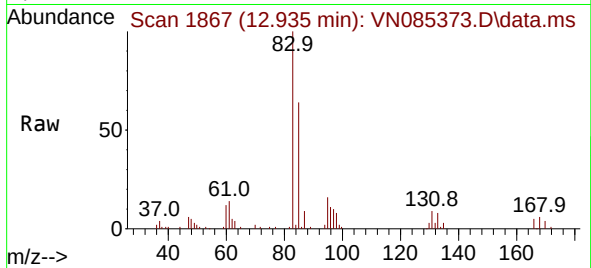




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.512 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

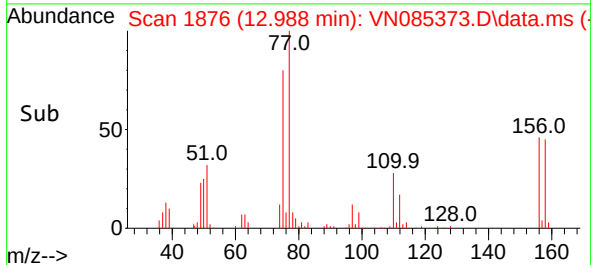
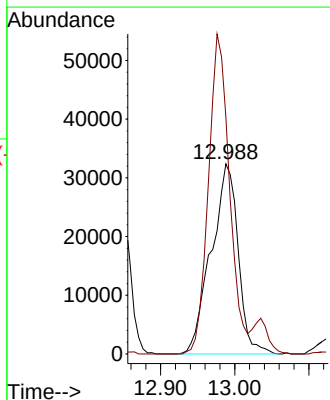
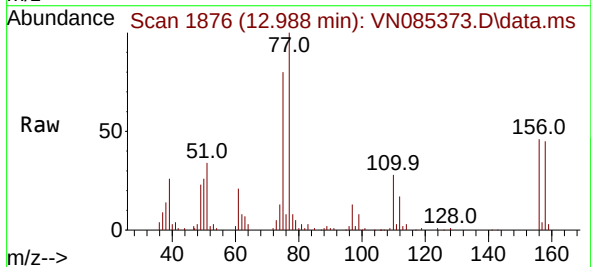
Instrument :
 MSVOA_N
 ClientSampleId :

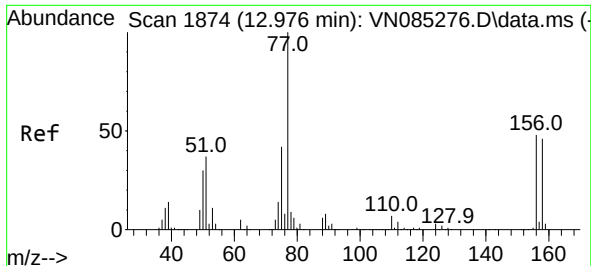
Tgt Ion: 83 Resp: 63932
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 15.0
 85 64.9 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 26.349 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085373.D
 Acq: 02 Jan 2025 11:11

Tgt Ion: 75 Resp: 81873
 Ion Ratio Lower Upper
 75 100
 77 131.1 0.0 407.2

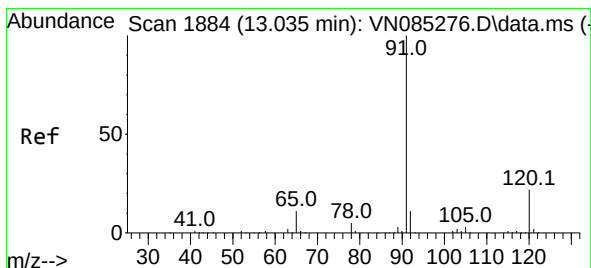
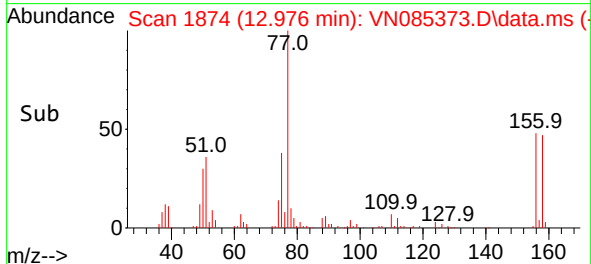
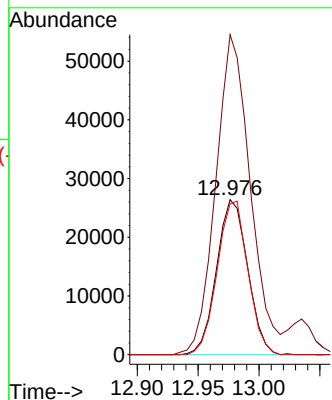
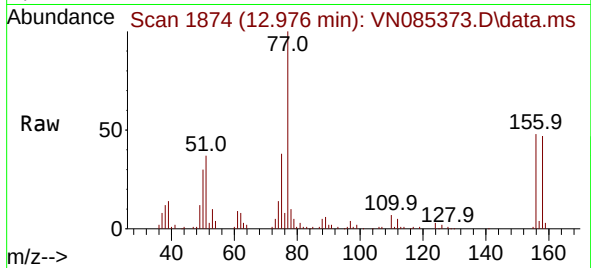




#73
Bromobenzene
Concen: 18.446 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

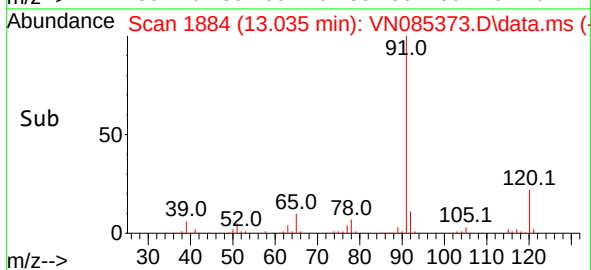
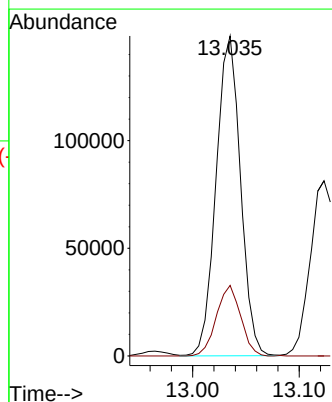
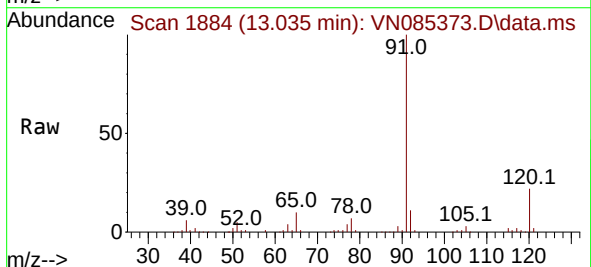
Instrument :
MSVOA_N
ClientSampleId :

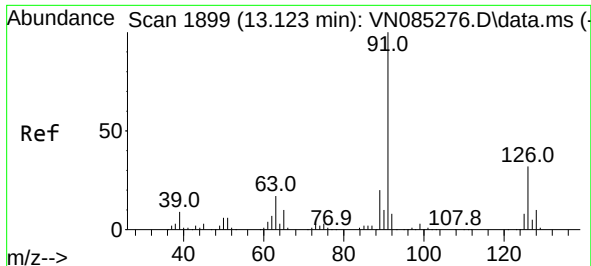
Tgt Ion:156 Resp: 46908
Ion Ratio Lower Upper
156 100
77 228.8 0.0 462.6
158 97.6 0.0 186.4



#74
n-propylbenzene
Concen: 18.416 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 91 Resp: 236170
Ion Ratio Lower Upper
91 100
120 21.9 0.0 41.4

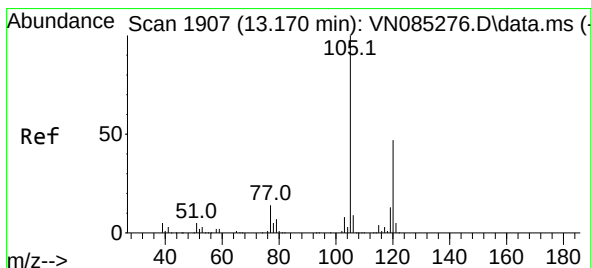
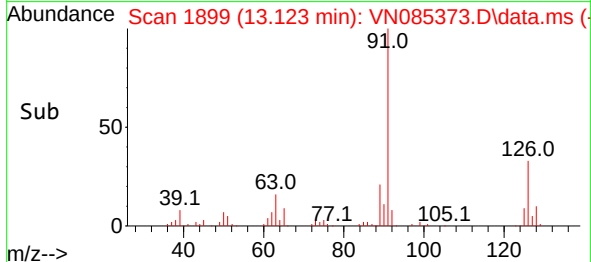
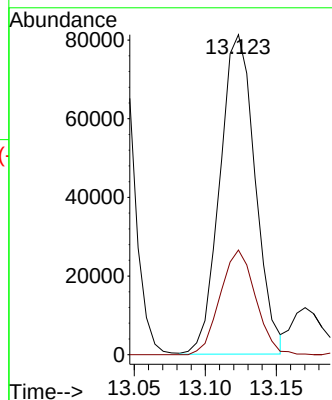
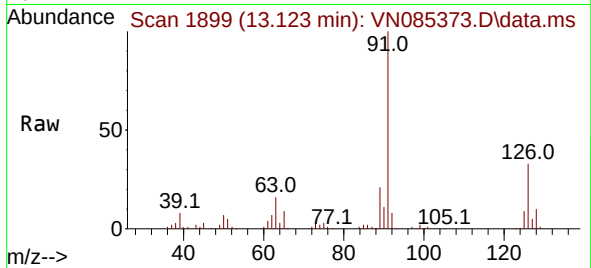




#75
2-Chlorotoluene
Concen: 18.190 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

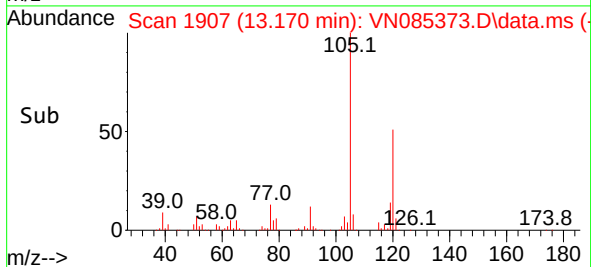
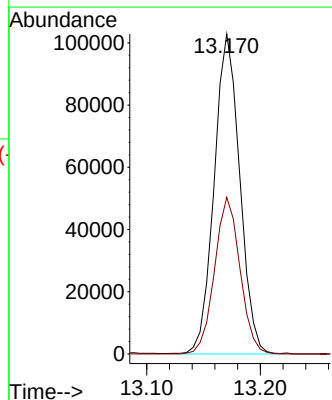
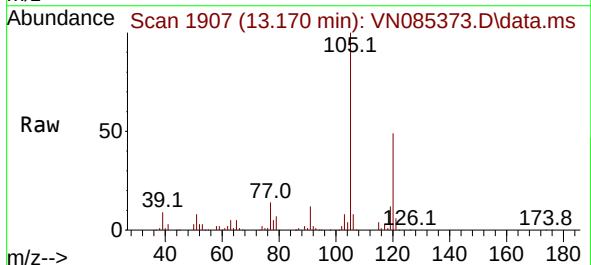
Instrument :
MSVOA_N
ClientSampleId :

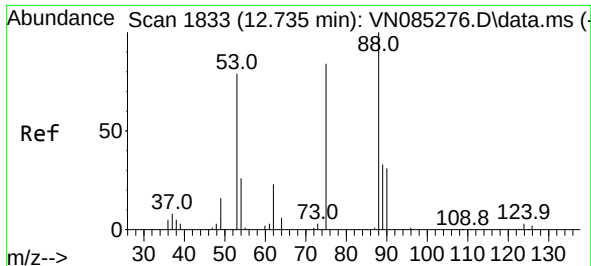
Tgt Ion: 91 Resp: 140521
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 18.306 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

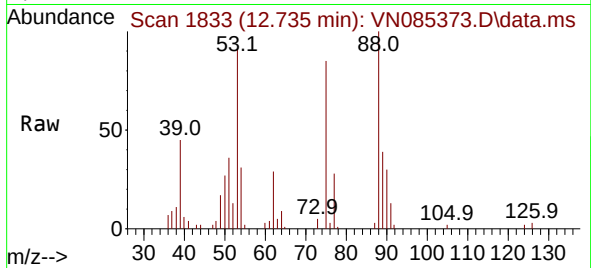
Tgt Ion:105 Resp: 160785
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.0



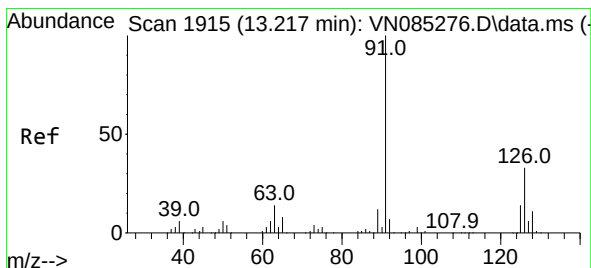
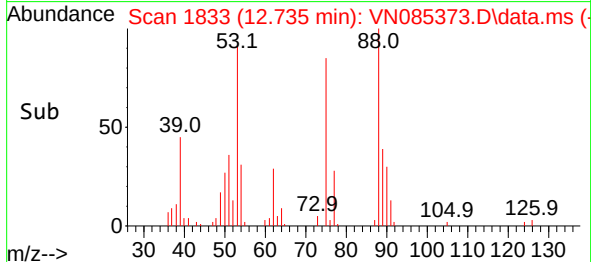
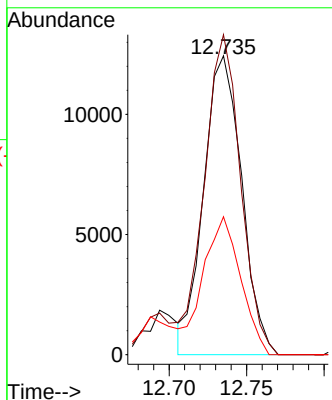


#77
t-1,4-Dichloro-2-butene
Concen: 16.714 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

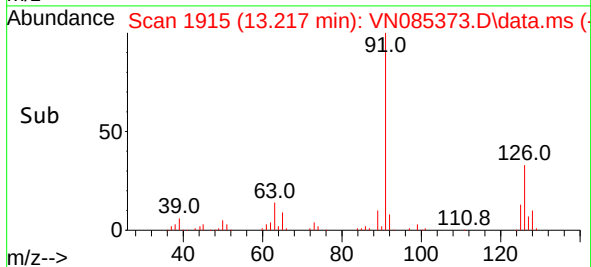
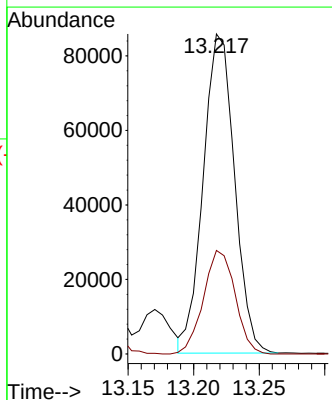
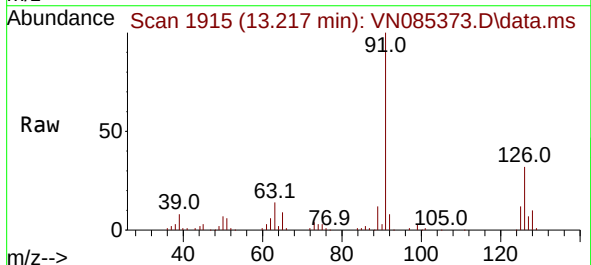


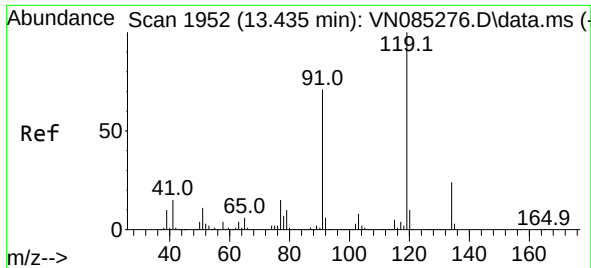
Tgt Ion: 75 Resp: 21225
Ion Ratio Lower Upper
75 100
53 107.0 54.9 164.5
89 46.1 22.8 68.3



#78
4-Chlorotoluene
Concen: 18.115 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 91 Resp: 142287
Ion Ratio Lower Upper
91 100
126 32.8 0.0 63.6

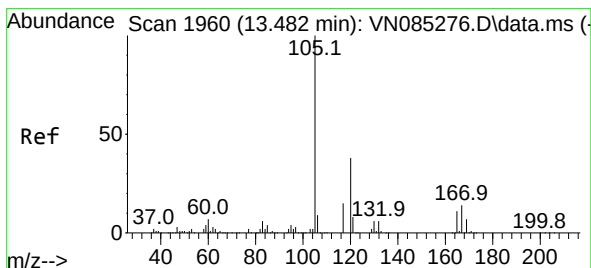
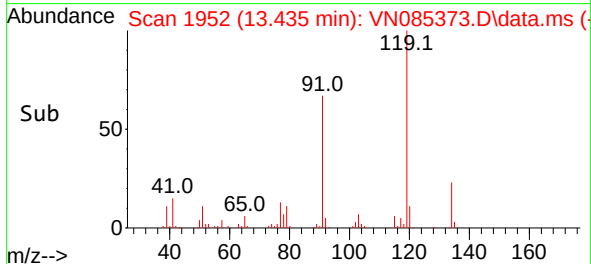
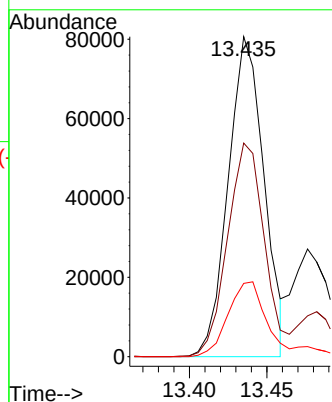
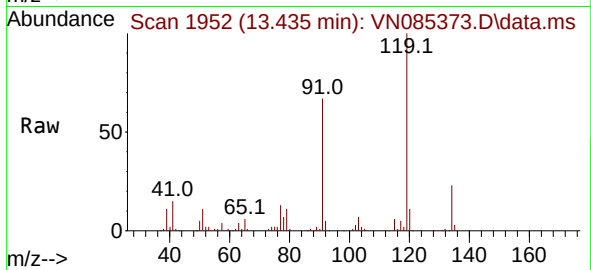




#79
tert-butylbenzene
Concen: 18.021 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

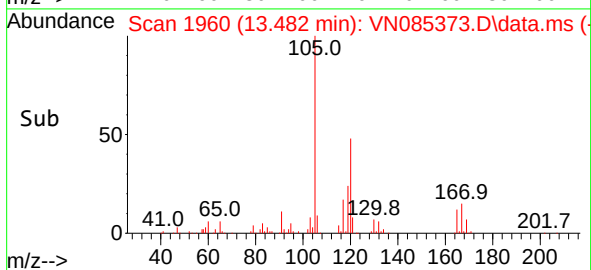
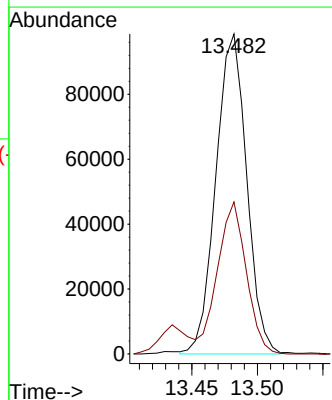
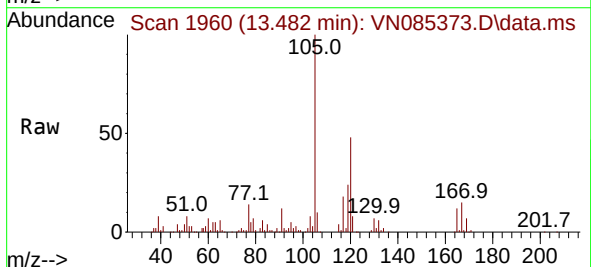
Instrument :
MSVOA_N
ClientSampleId :

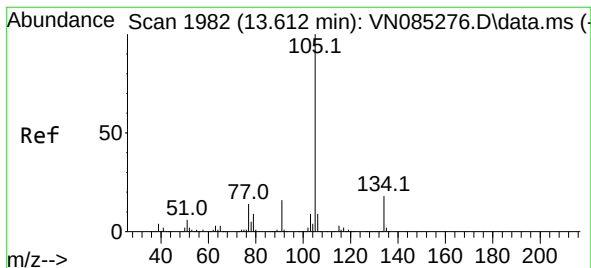
Tgt Ion:119 Resp: 129447
Ion Ratio Lower Upper
119 100
91 69.4 0.0 142.0
134 24.6 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 18.415 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion:105 Resp: 160995
Ion Ratio Lower Upper
105 100
120 44.5 0.0 89.8





#81

sec-Butylbenzene

Concen: 18.495 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

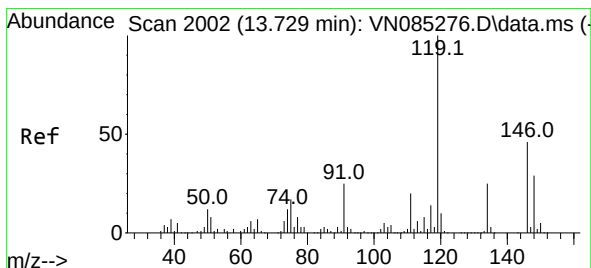
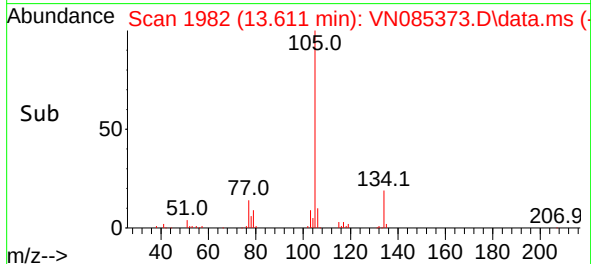
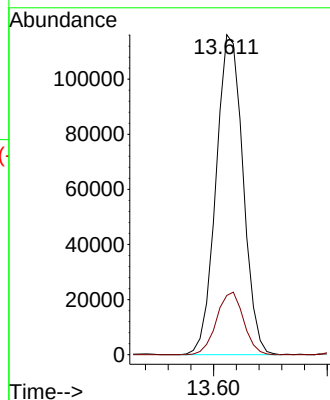
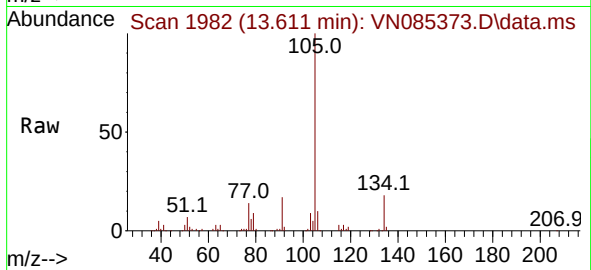
ClientSampleId :

Tgt Ion:105 Resp: 191803

Ion Ratio Lower Upper

105 100

134 19.4 0.0 39.8



#82

p-Isopropyltoluene

Concen: 18.377 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

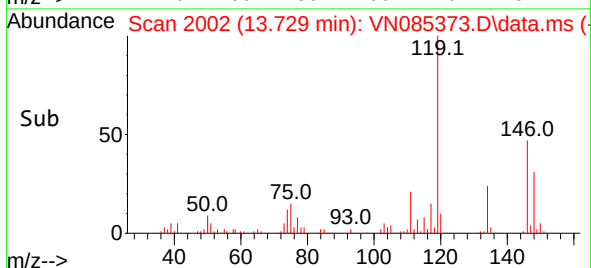
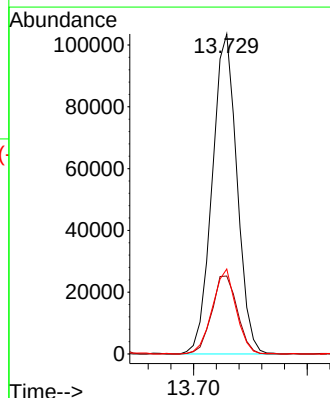
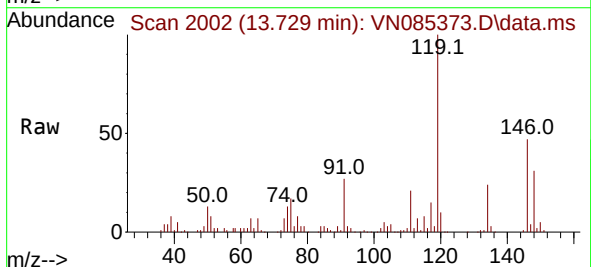
Tgt Ion:119 Resp: 156946

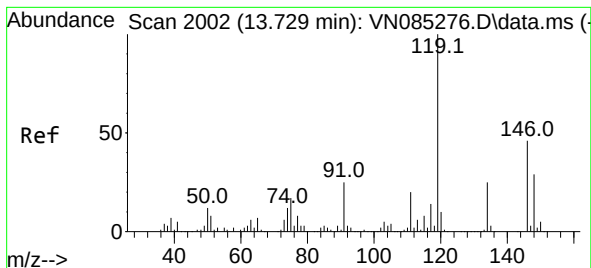
Ion Ratio Lower Upper

119 100

134 25.2 0.0 51.4

91 25.3 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 18.192 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

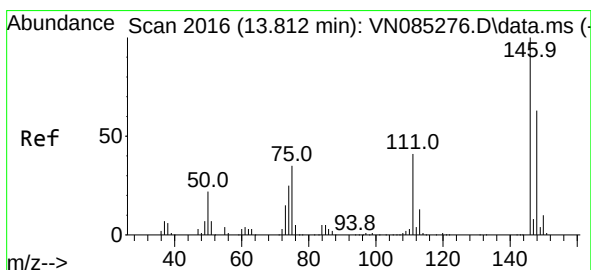
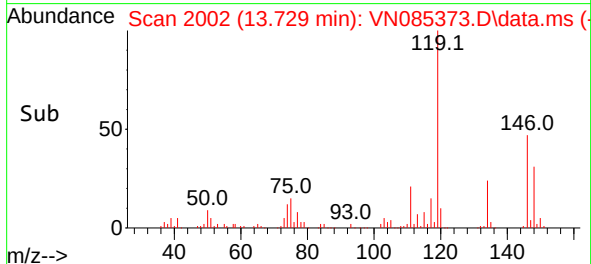
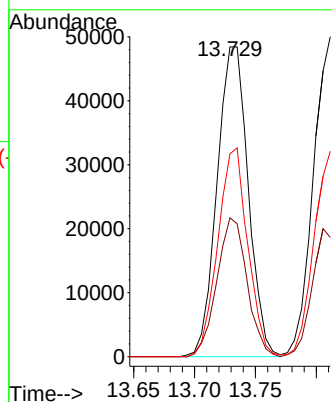
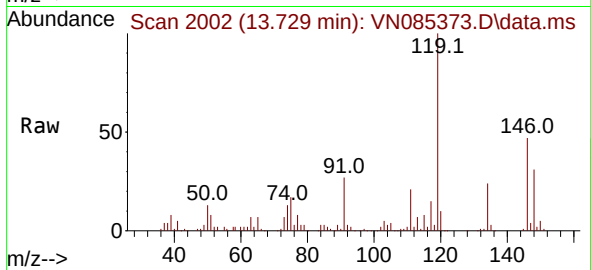
Tgt Ion:146 Resp: 86279

Ion Ratio Lower Upper

146 100

111 43.3 20.4 61.3

148 64.6 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 18.406 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

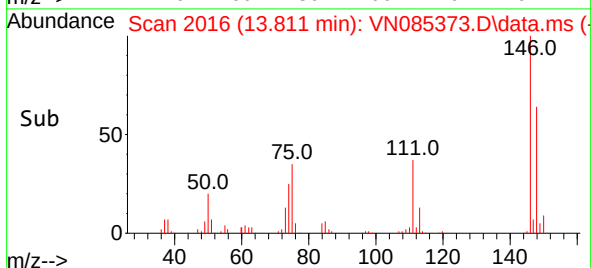
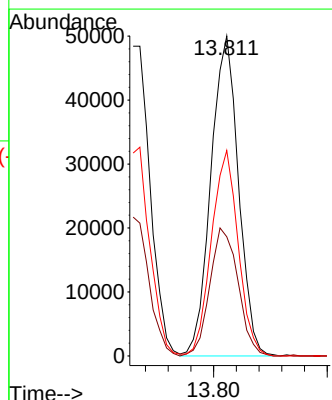
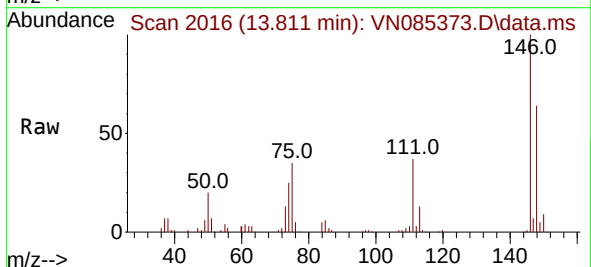
Tgt Ion:146 Resp: 84454

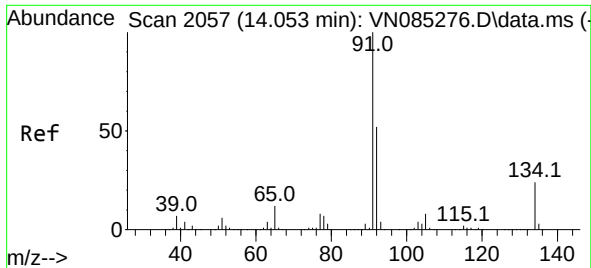
Ion Ratio Lower Upper

146 100

111 40.9 20.7 62.1

148 62.3 33.2 99.6

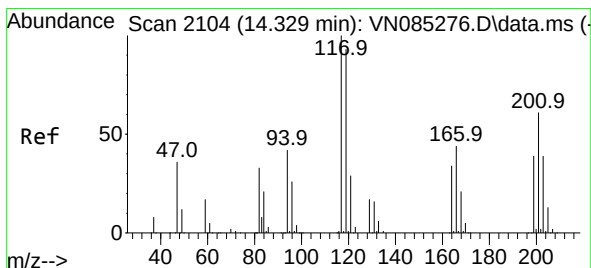
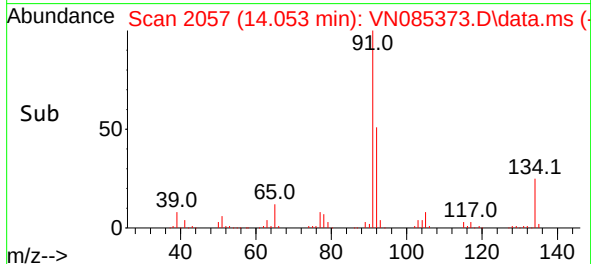
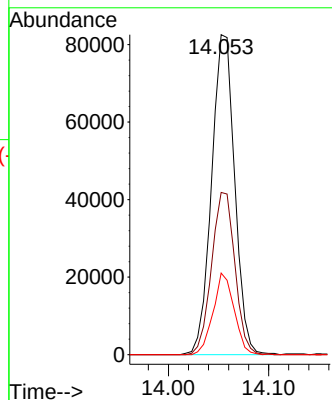
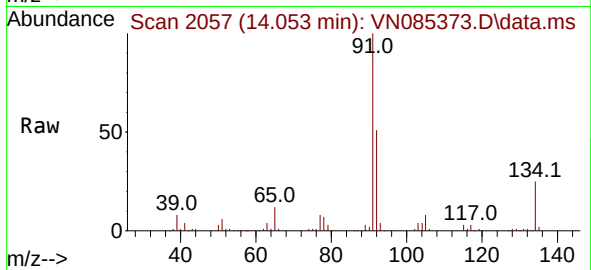




#85
n-Butylbenzene
Concen: 17.945 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

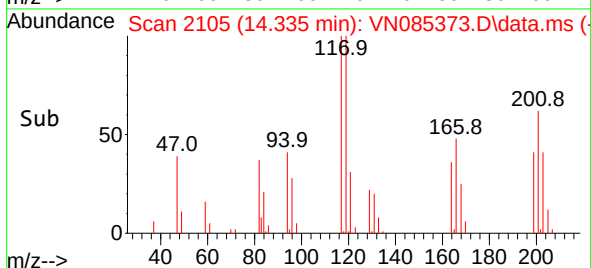
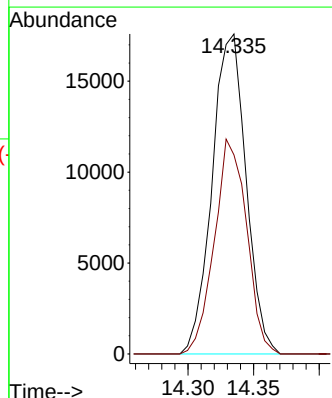
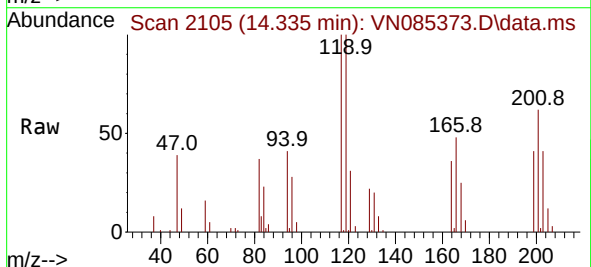
Instrument :
MSVOA_N
ClientSampleId :

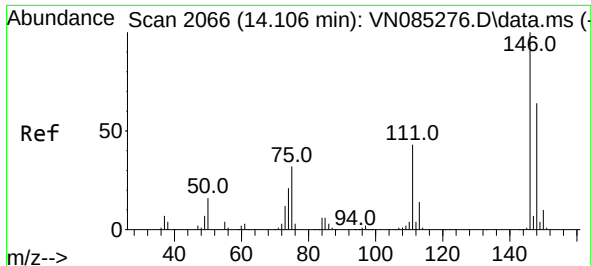
Tgt Ion: 91 Resp: 132320
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.0
134 23.1 0.0 46.4



#86
Hexachloroethane
Concen: 17.284 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion: 117 Resp: 31690
Ion Ratio Lower Upper
117 100
201 63.7 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 18.385 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

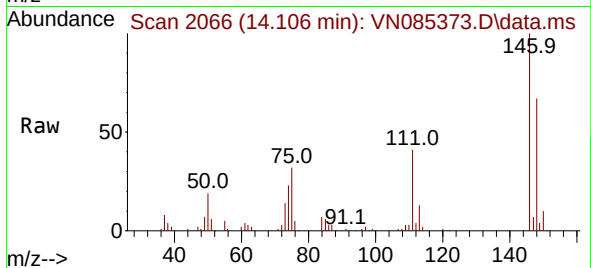
Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :



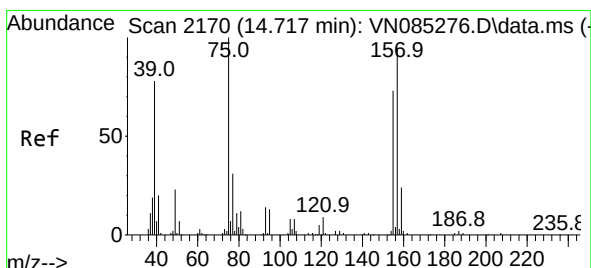
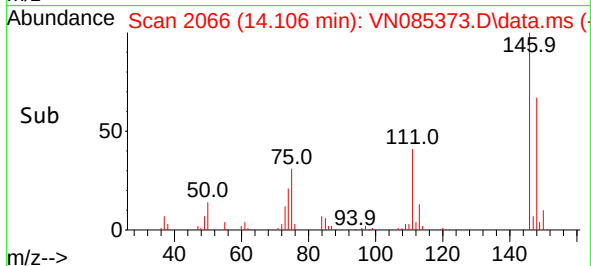
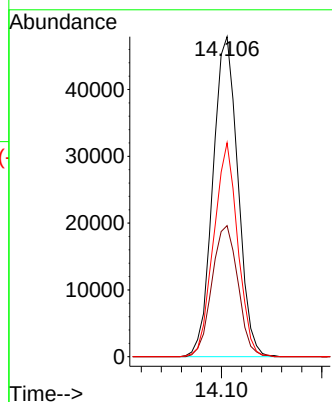
Tgt Ion:146 Resp: 82836

Ion	Ratio	Lower	Upper
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146	100		
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111	42.5	22.1	66.3
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148	64.1	32.5	97.4
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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.438 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

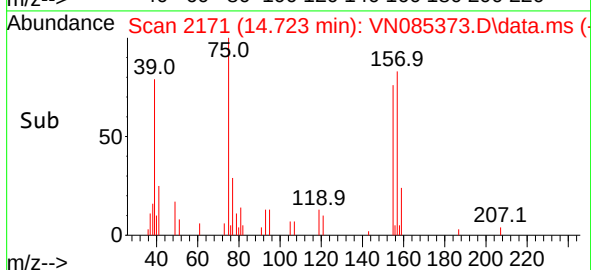
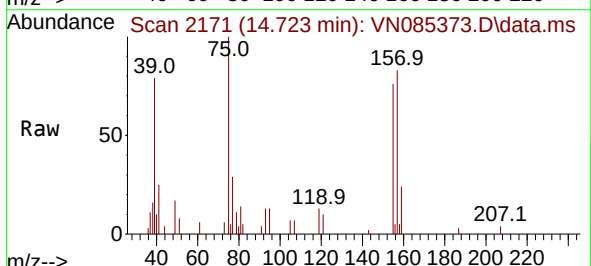
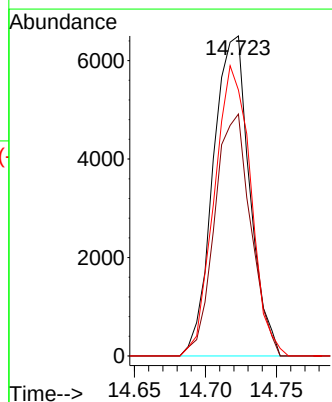
Tgt Ion: 75 Resp: 11622

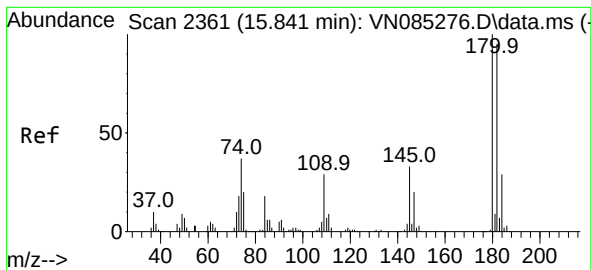
Ion	Ratio	Lower	Upper
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75	100		
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155	75.0	53.4	80.0
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157	90.4	74.2	111.4
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#89

1,2,4-Trichlorobenzene

Concen: 18.165 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

Instrument :

MSVOA_N

ClientSampleId :

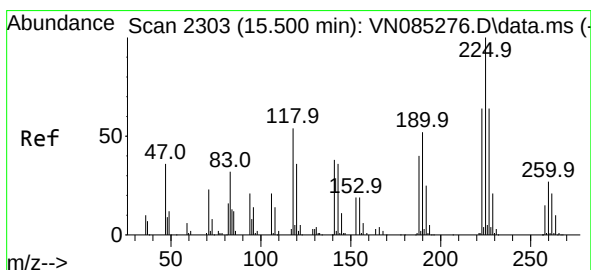
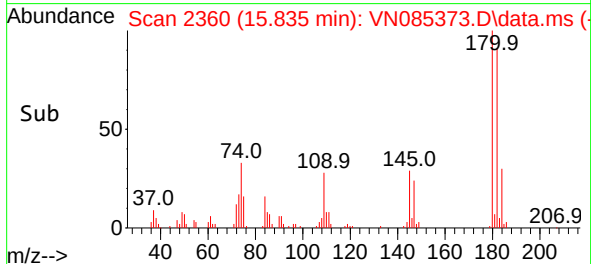
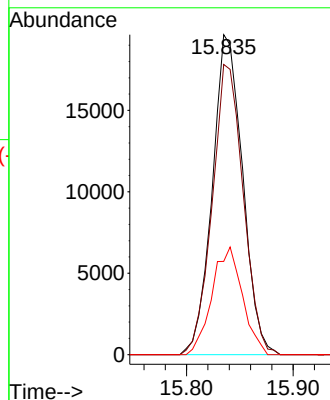
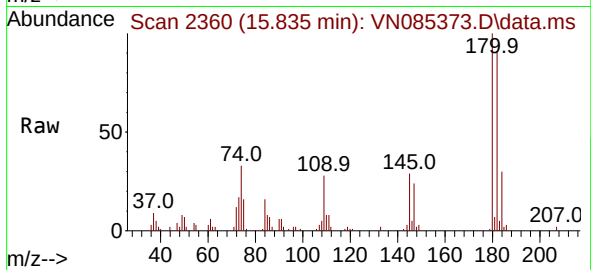
Tgt Ion:180 Resp: 38776

Ion Ratio Lower Upper

180 100

182 92.7 76.5 114.7

145 33.9 27.4 41.2



#90

Hexachlorobutadiene

Concen: 18.268 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085373.D

Acq: 02 Jan 2025 11:11

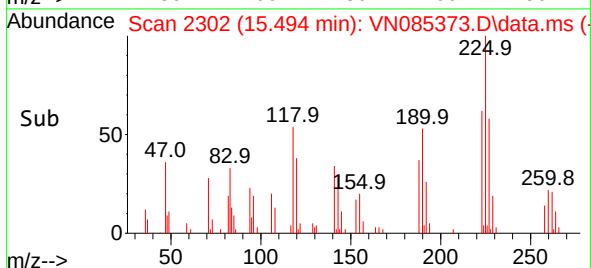
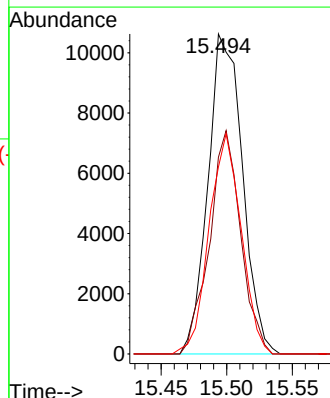
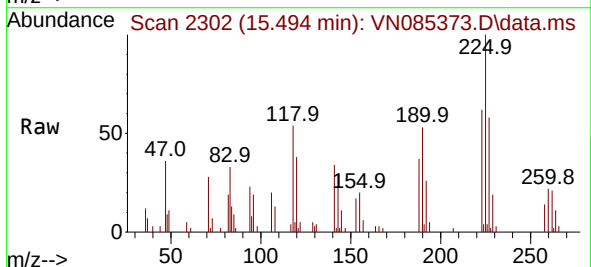
Tgt Ion:225 Resp: 19438

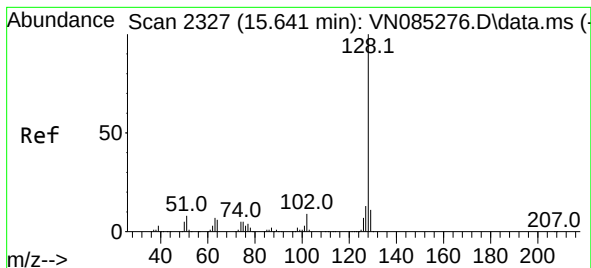
Ion Ratio Lower Upper

225 100

223 63.3 0.0 116.2

227 63.9 0.0 116.4

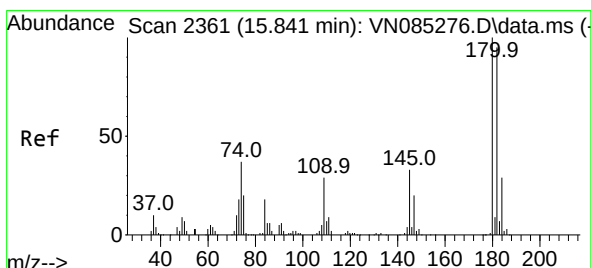
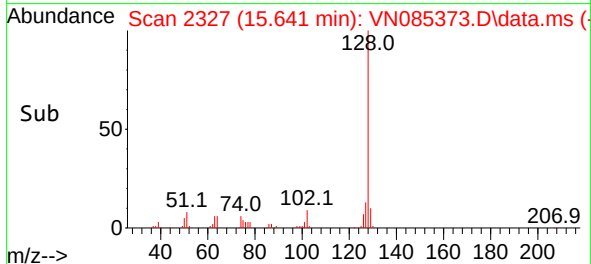
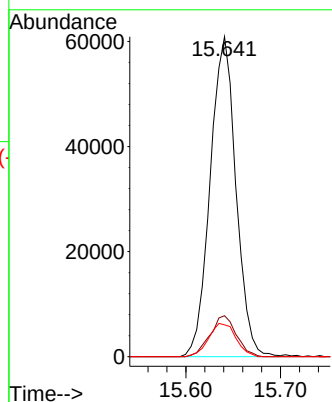
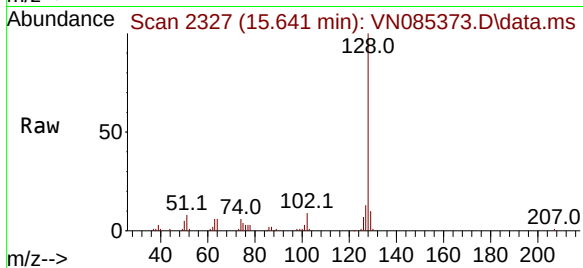




#91
Naphthalene
Concen: 16.809 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 115282
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.165 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085373.D
Acq: 02 Jan 2025 11:11

Tgt Ion:180 Resp: 38776
Ion Ratio Lower Upper
180 100
182 92.7 0.0 191.2
145 33.9 0.0 68.6

