

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080725\
 Data File : VN087484.D
 Acq On : 07 Aug 2025 10:35
 Operator : JC\MD
 Sample : VN0807WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Quant Time: Aug 08 01:15:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	58607	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	336486	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	303451	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	171175	31.666	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.567%	
60) 4-Bromofluorobenzene	12.829	95	156075	29.887	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.633%	
63) Toluene-d8	10.547	98	423840	30.356	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	86150	22.514	ug/l	98
3) Chloromethane	2.383	50	89533	22.806	ug/l	99
4) Vinyl Chloride	2.536	62	93165	22.375	ug/l	97
5) Bromomethane	2.983	94	51558	22.876	ug/l	91
6) Chloroethane	3.136	64	63496	23.648	ug/l	90
7) Trichlorofluoromethane	3.512	101	135626	22.633	ug/l	99
8) Diethyl Ether	3.965	74	58248	23.331	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	68558	22.435	ug/l	88
10) 1,1-Dichloroethene	4.336	96	72565	22.607	ug/l	99
11) Methyl Iodide	4.577	142	47664	18.859	ug/l	91
12) Methyl Acetate	5.018	43	133681	22.568	ug/l	93
13) Acrolein	4.177	56	120206	132.868	ug/l	100
14) Acrylonitrile	5.712	53	286052	110.593	ug/l	99
15) Acetone	4.424	58	93939	127.110	ug/l	94
16) Carbon Disulfide	4.706	76	211946	21.286	ug/l	100
17) Allyl chloride	5.012	41	147706	22.576	ug/l	93
18) Methylene Chloride	5.265	84	90834	21.982	ug/l	89
19) trans-1,2-Dichloroethene	5.771	96	81480	21.346	ug/l	97
20) Diisopropyl ether	6.659	45	337972	22.676	ug/l	99
21) 1,1-Dichloroethane	6.553	63	172595	22.403	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	104326	22.213	ug/l	99
23) tert-Butyl Alcohol	5.524	59	116400	105.906	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	320284	21.898	ug/l	100
25) Chloroform	7.953	83	179874	22.368	ug/l	97
26) Cyclohexane	8.241	56	140346	22.753	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	118205	21.538	ug/l	97
30) 2-Butanone	7.471	43	445086	110.023	ug/l	98
31) 2,2-Dichloropropane	7.477	77	155429	21.959	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	151094	21.586	ug/l	97
33) Carbon Tetrachloride	8.341	117	124461	21.404	ug/l #	97
34) Benzene	8.588	78	369683	21.339	ug/l	97
35) Methacrylonitrile	7.759	41	92488	21.186	ug/l	93
36) 1,2-Dichloroethane	8.653	62	150479	21.491	ug/l	99
37) Trichloroethene	9.335	130	83072	21.769	ug/l	91
38) Methylcyclohexane	9.582	83	129809	20.388	ug/l	99
39) 1,2-Dichloropropane	9.606	63	94093	21.184	ug/l	97
40) Dibromomethane	9.694	93	70447	21.138	ug/l	98
41) Bromodichloromethane	9.871	83	146057	21.091	ug/l #	96
42) Vinyl Acetate	6.588	43	1562641	117.296	ug/l	98

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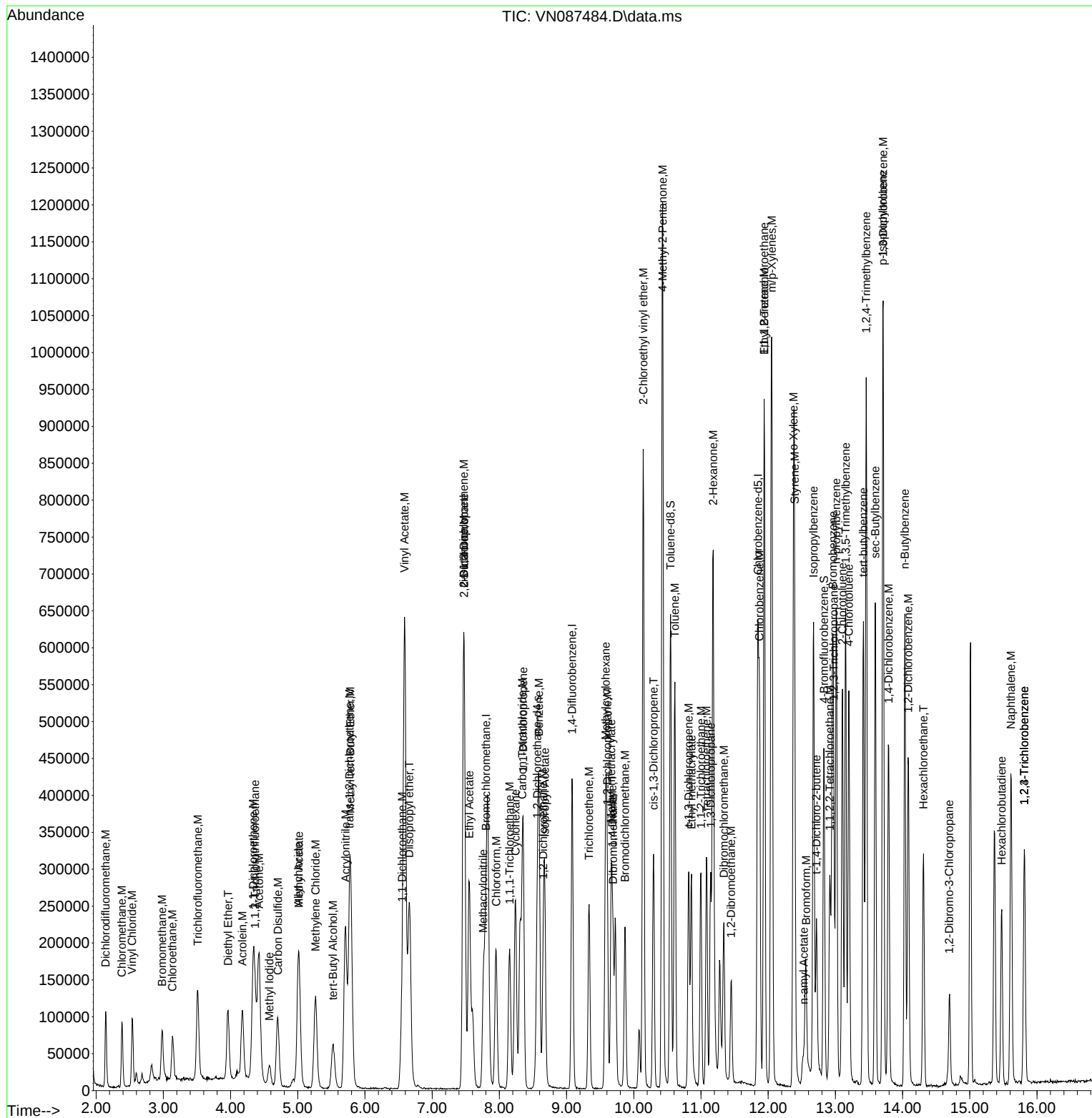
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	148275	18.973	ug/l	95
44) Isopropyl Acetate	8.676	43	282553	21.329	ug/l	100
45) 1,4-Dioxane	9.682	88	34399	407.315	ug/l	95
46) Methyl methacrylate	9.665	41	128044	20.476	ug/l	97
47) n-amyl Acetate	12.529	43	37256	5.091	ug/l #	89
48) t-1,3-Dichloropropene	10.818	75	158389	21.023	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	159248	21.003	ug/l	96
50) 1,1,2-Trichloroethane	11.000	97	89655	21.292	ug/l	95
51) Ethyl methacrylate	10.859	69	158153	21.327	ug/l	92
52) 1,3-Dichloropropane	11.147	76	161718	21.318	ug/l	97
53) Dibromochloromethane	11.341	129	103403	21.264	ug/l	99
54) 1,2-Dibromoethane	11.447	107	94192	21.072	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	372103	95.317	ug/l	100
56) Bromoform	12.564	173	64731	20.125	ug/l #	96
58) 4-Methyl-2-Pentanone	10.429	43	847747	108.600	ug/l	100
59) 2-Hexanone	11.182	43	569737	107.418	ug/l	99
61) Tetrachloroethene	11.082	164	62979	21.303	ug/l	98
62) Toluene	10.612	91	402663	21.499	ug/l	99
64) Chlorobenzene	11.870	112	246686	21.435	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	85595	21.154	ug/l	98
66) Ethyl Benzene	11.941	91	444537	21.295	ug/l	98
67) m/p-Xylenes	12.053	106	324528	42.353	ug/l	99
68) o-Xylene	12.376	106	160575	21.301	ug/l	97
69) Styrene	12.394	104	271371	21.083	ug/l	98
70) Isopropylbenzene	12.676	105	410330	21.425	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	143758	21.908	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	192968	31.567	ug/l	53
73) Bromobenzene	12.964	156	91817	20.681	ug/l	97
74) n-propylbenzene	13.011	91	513292	21.460	ug/l	100
75) 2-Chlorotoluene	13.106	91	315308	21.431	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	348393	21.246	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	47337	20.456	ug/l	96
78) 4-Chlorotoluene	13.200	91	323678	21.709	ug/l	98
79) tert-butylbenzene	13.417	119	290229	20.992	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	357313	21.807	ug/l	96
81) sec-Butylbenzene	13.594	105	438672	21.795	ug/l	100
82) p-Isopropyltoluene	13.706	119	358154	21.431	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	184984	21.880	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	182880	21.336	ug/l	99
85) n-Butylbenzene	14.035	91	353381	21.613	ug/l	99
86) Hexachloroethane	14.311	117	67812	20.779	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	176686	21.894	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	35639	21.439	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	102386	21.229	ug/l	100
90) Hexachlorobutadiene	15.476	225	38208	20.373	ug/l	96
91) Naphthalene	15.611	128	383520	20.855	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	102386	21.229	ug/l	100

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

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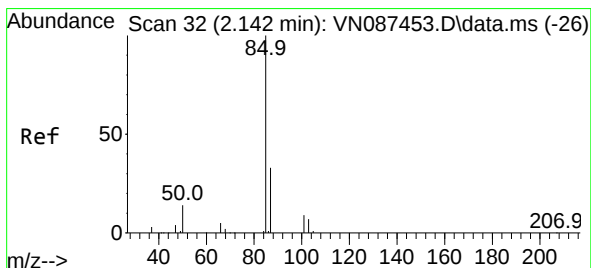
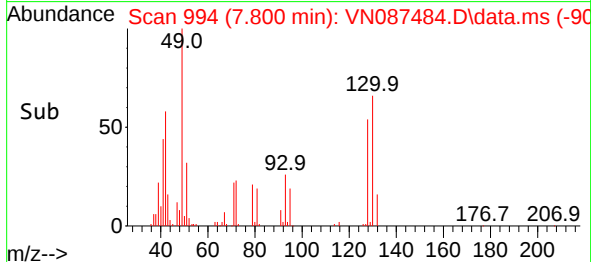
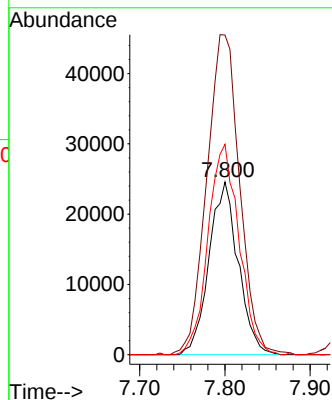
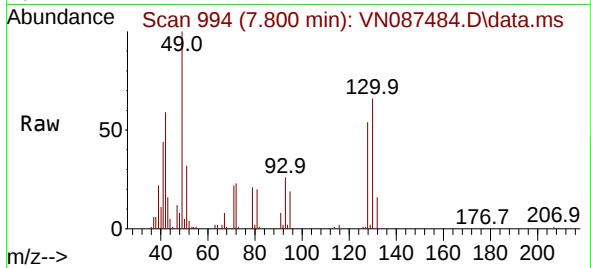




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
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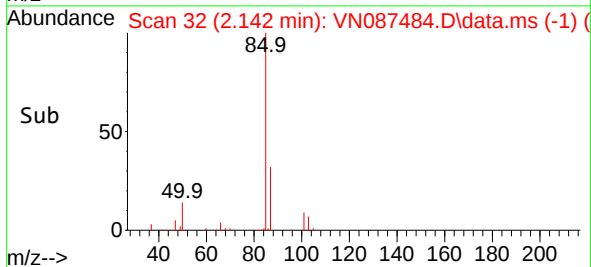
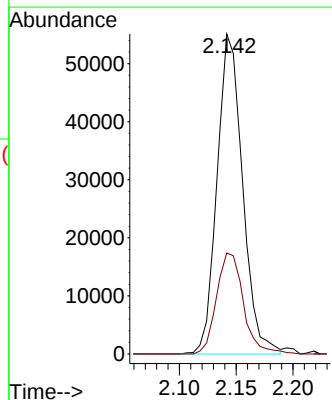
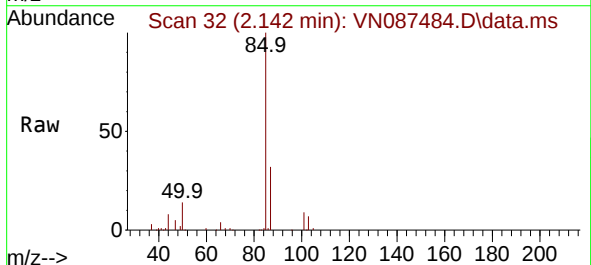
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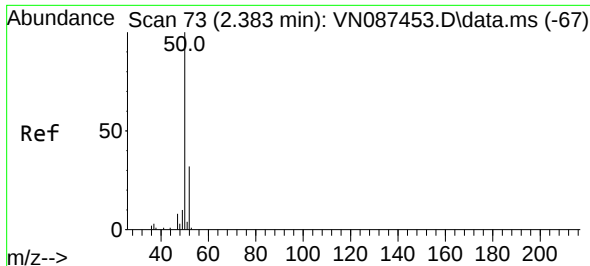
Tgt Ion:128 Resp: 58607
Ion Ratio Lower Upper
128 100
49 208.6 0.0 494.8
130 129.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 22.514 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 85 Resp: 86150
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2

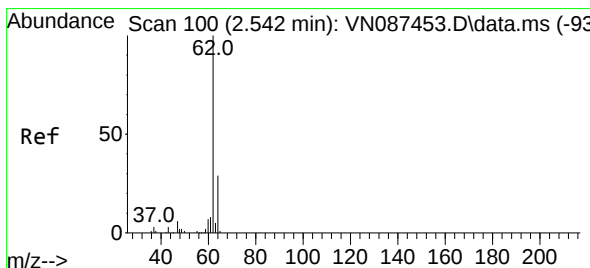
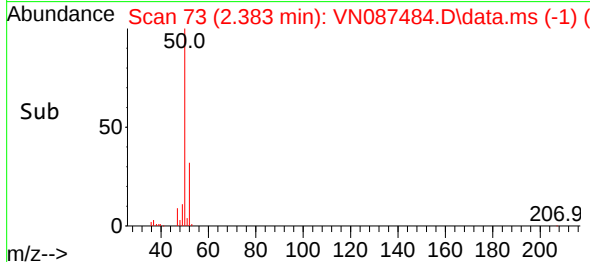
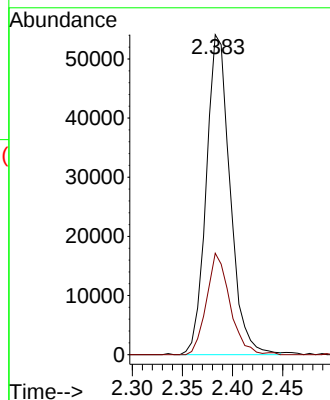
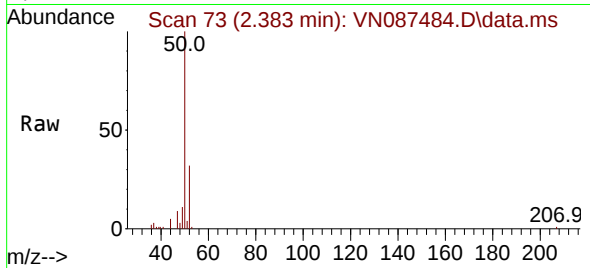




#3
Chloromethane
Concen: 22.806 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

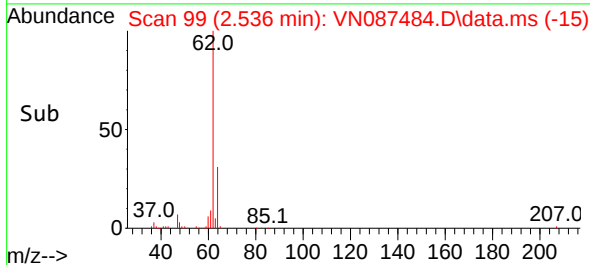
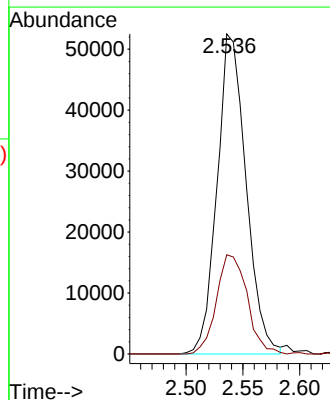
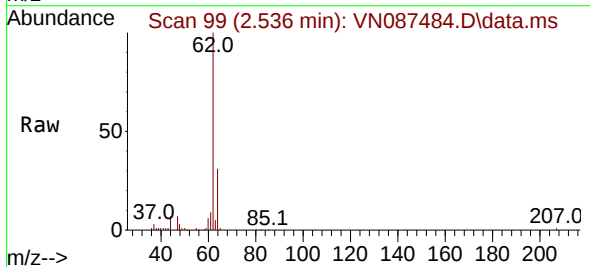
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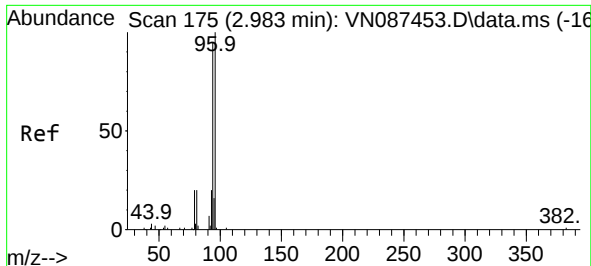
Tgt Ion: 50 Resp: 89533
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6



#4
Vinyl Chloride
Concen: 22.375 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087484.D
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Tgt Ion: 62 Resp: 93165
Ion Ratio Lower Upper
62 100
64 31.0 23.4 35.2

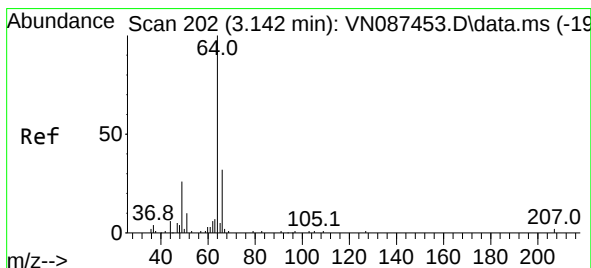
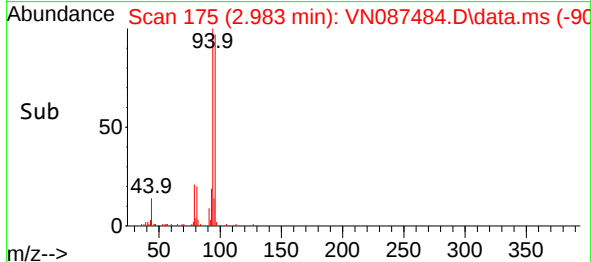
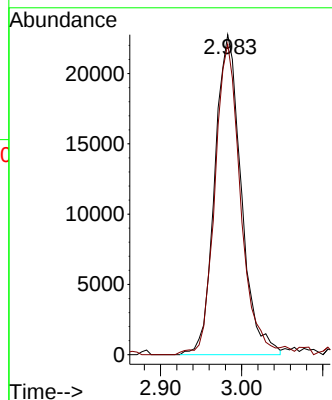
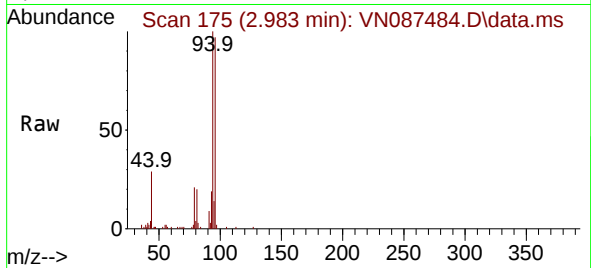




#5
Bromomethane
Concen: 22.876 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
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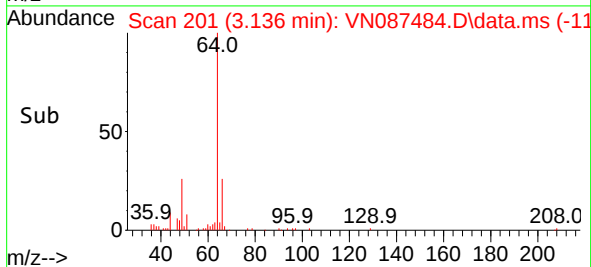
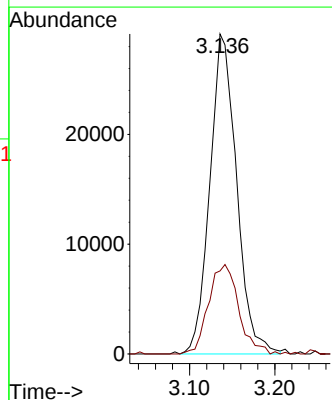
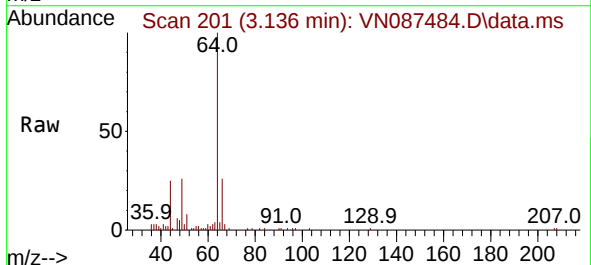
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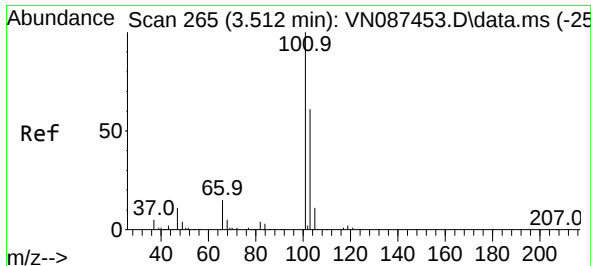
Tgt Ion: 94 Resp: 51558
Ion Ratio Lower Upper
94 100
96 96.4 84.2 126.4



#6
Chloroethane
Concen: 23.648 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 63496
Ion Ratio Lower Upper
64 100
66 26.0 25.4 38.0

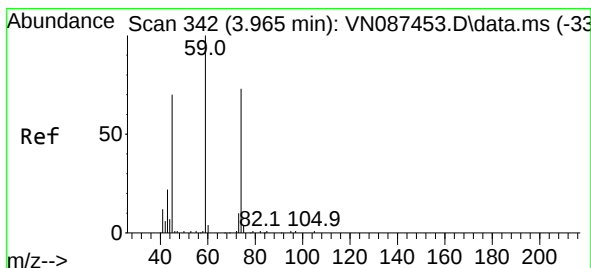
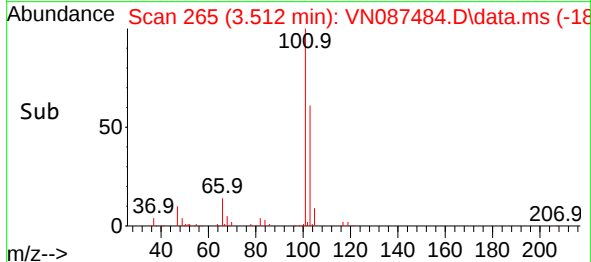
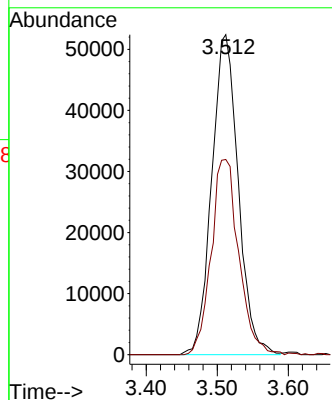
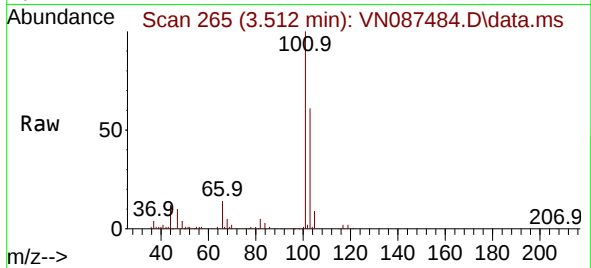




#7
 Trichlorofluoromethane
 Concen: 22.633 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
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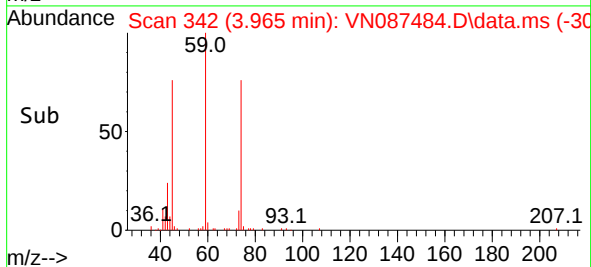
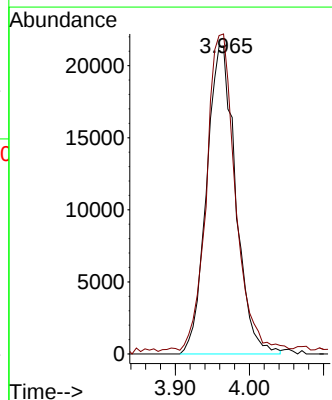
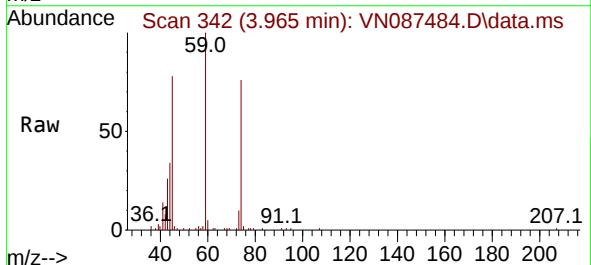
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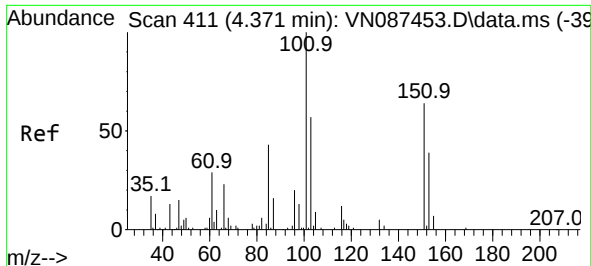
Tgt Ion:101 Resp: 135626
 Ion Ratio Lower Upper
 101 100
 103 61.0 49.2 73.8



#8
 Diethyl Ether
 Concen: 23.331 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 58248
 Ion Ratio Lower Upper
 74 100
 45 101.5 20.1 180.9

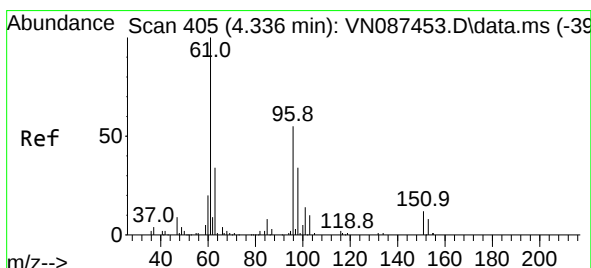
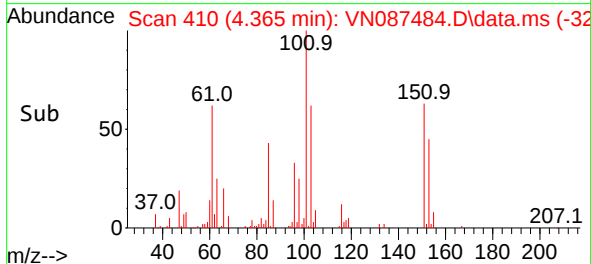
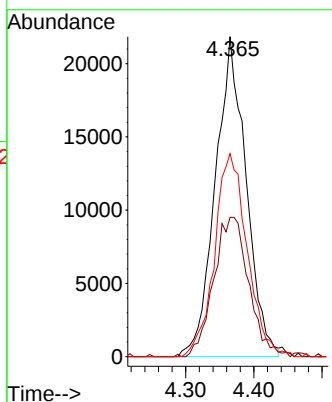
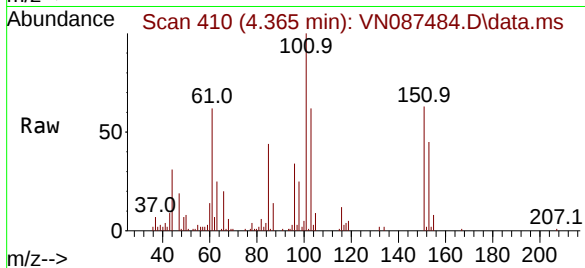




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.435 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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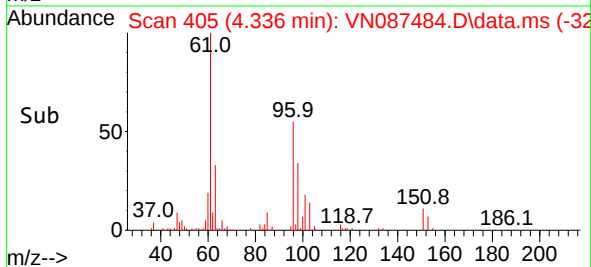
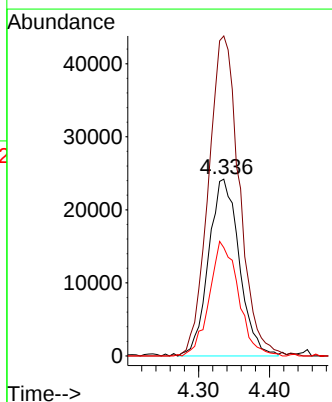
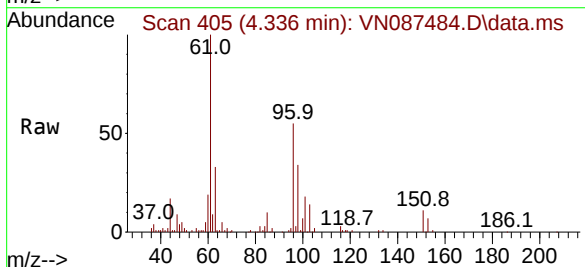
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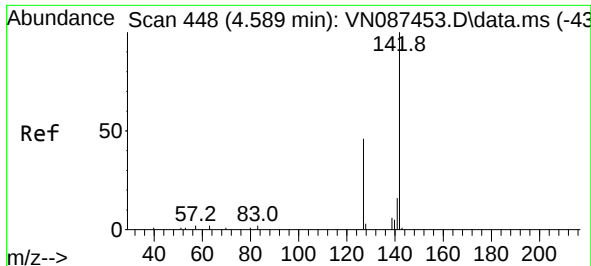
Tgt Ion:101 Resp: 68558
Ion Ratio Lower Upper
101 100
85 49.4 0.0 57.0
151 66.8 0.0 134.2



#10
1,1-Dichloroethene
Concen: 22.607 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 96 Resp: 72565
Ion Ratio Lower Upper
96 100
61 181.0 144.2 216.4
98 60.5 49.7 74.5

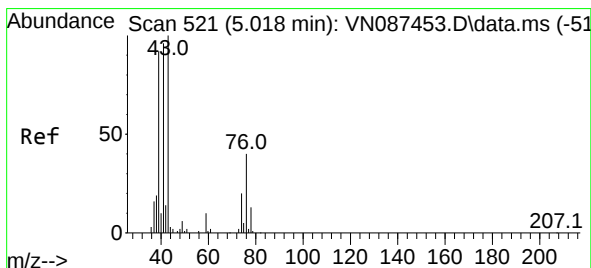
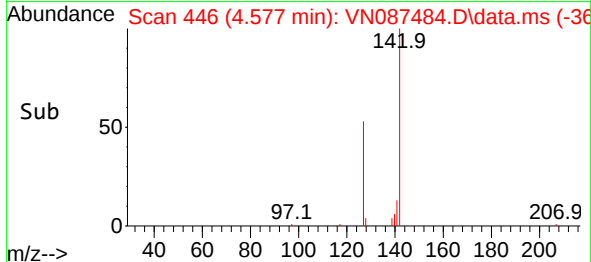
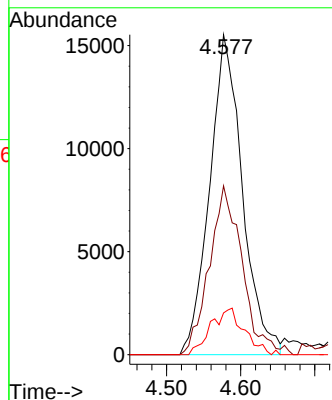
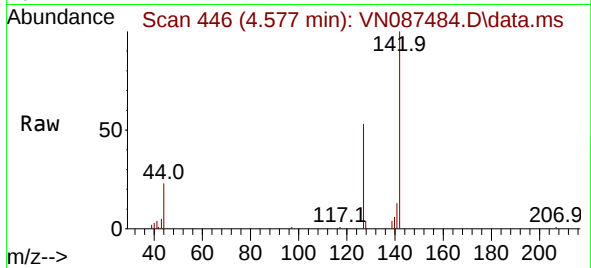




#11
Methyl Iodide
Concen: 18.859 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

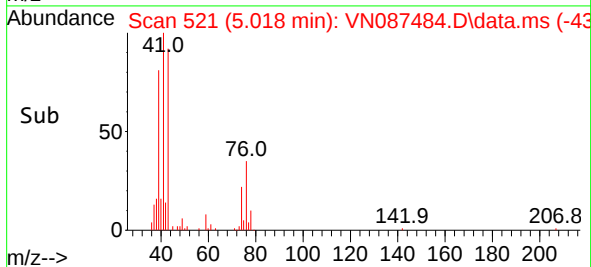
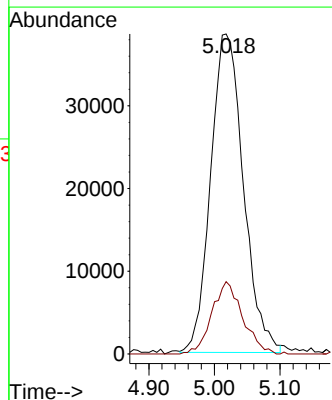
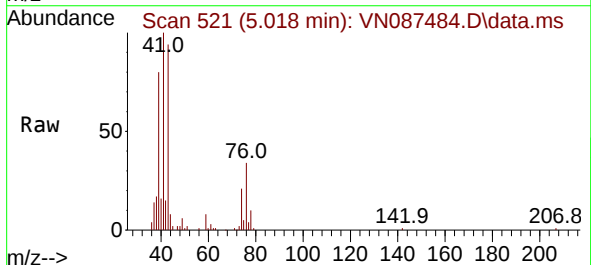
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

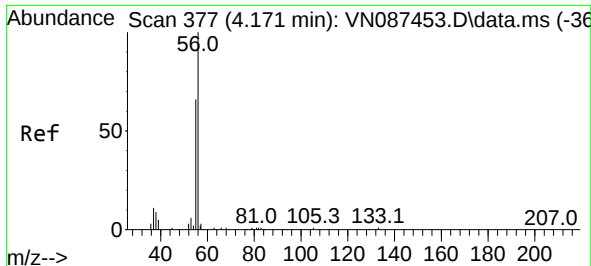
Tgt Ion:142 Resp: 47664
Ion Ratio Lower Upper
142 100
127 52.8 22.9 68.7
141 13.3 7.7 23.1



#12
Methyl Acetate
Concen: 22.568 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 43 Resp: 133681
Ion Ratio Lower Upper
43 100
74 23.0 16.0 24.0





#13

Acrolein

Concen: 132.868 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

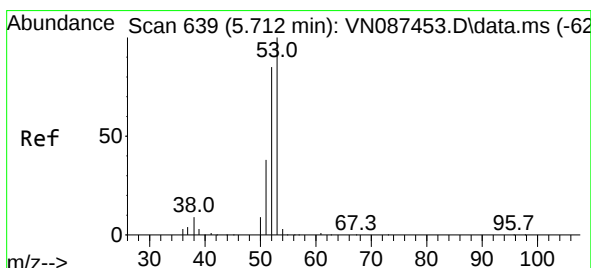
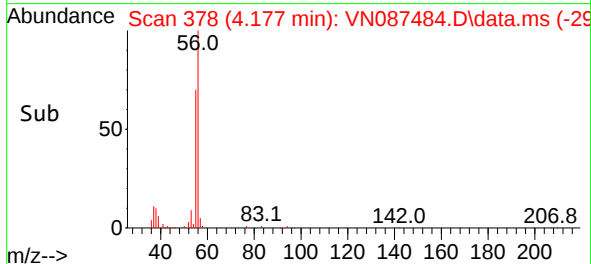
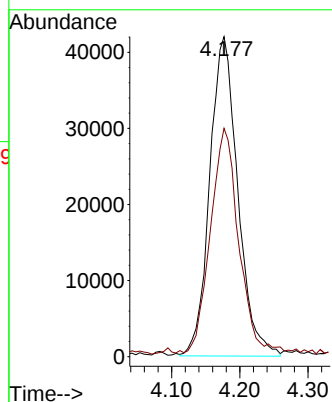
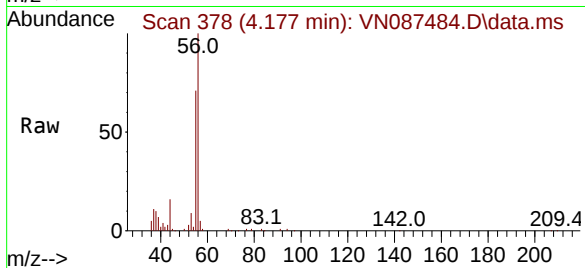
VN0807WBS01

Tgt Ion: 56 Resp: 120206

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.0



#14

Acrylonitrile

Concen: 110.593 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

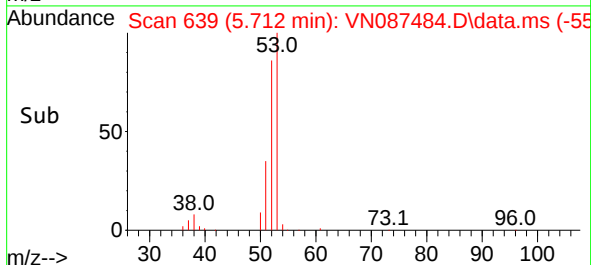
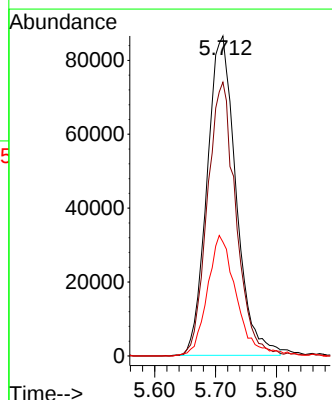
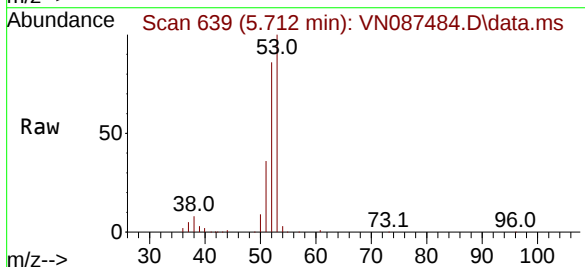
Tgt Ion: 53 Resp: 286052

Ion Ratio Lower Upper

53 100

52 84.2 42.4 127.2

51 37.1 18.5 55.5

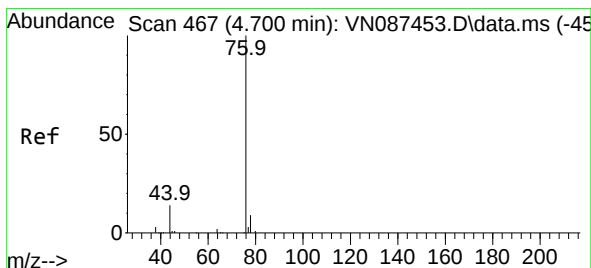
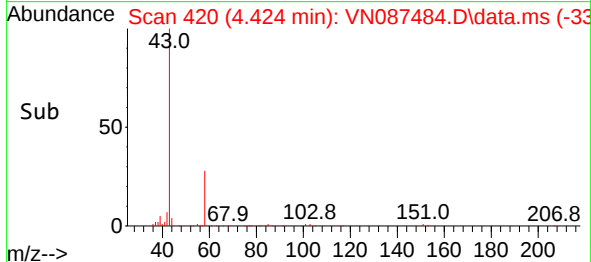
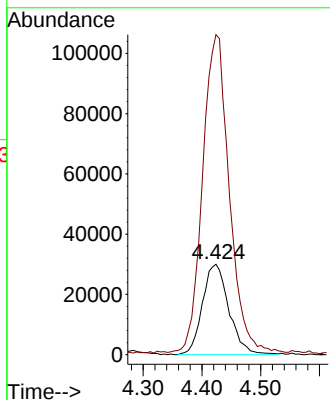
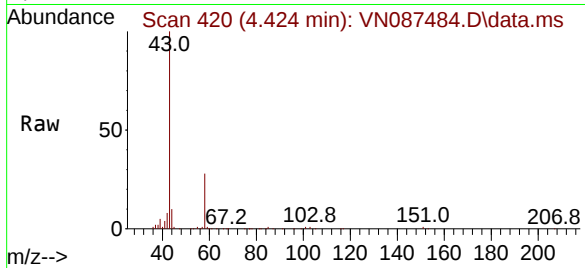




#15
Acetone
Concen: 127.110 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

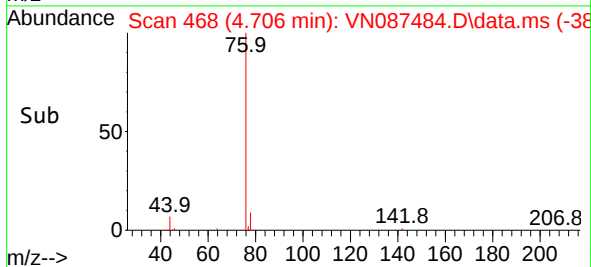
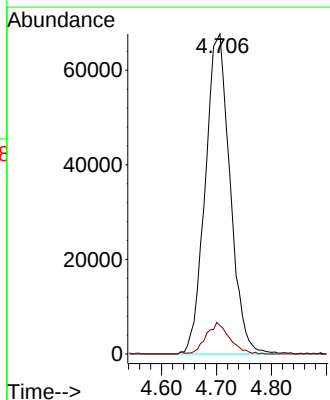
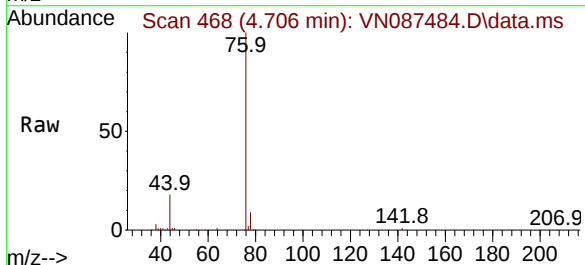
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

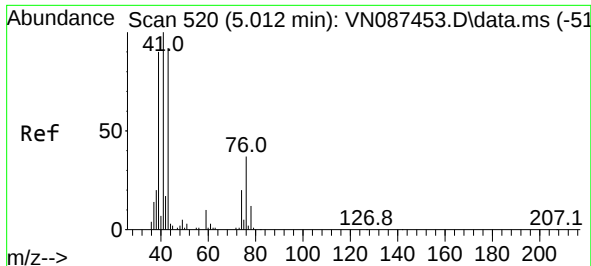
Tgt Ion: 58 Resp: 93939
Ion Ratio Lower Upper
58 100
43 349.7 268.9 403.3



#16
Carbon Disulfide
Concen: 21.286 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 76 Resp: 211946
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

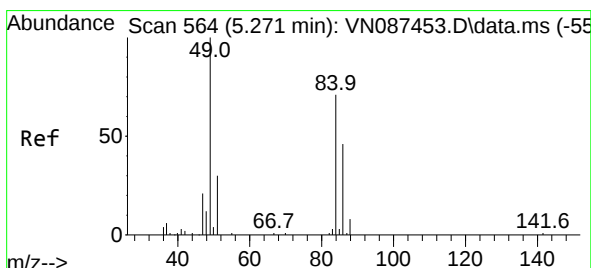
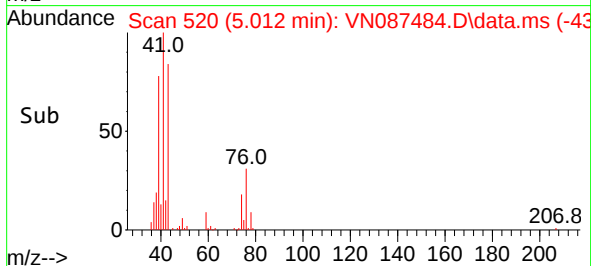
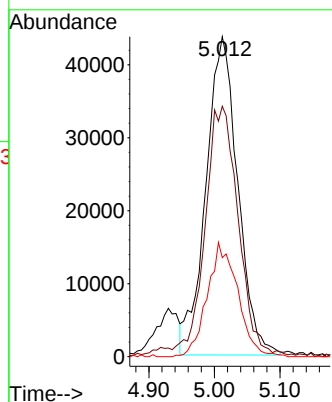
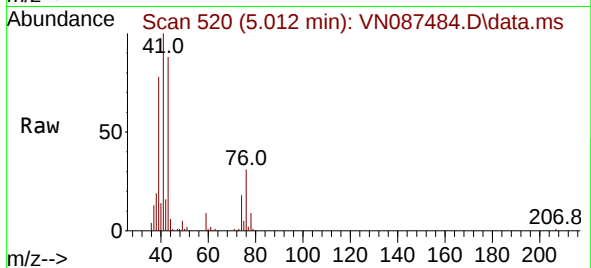




#17
 Allyl chloride
 Concen: 22.576 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

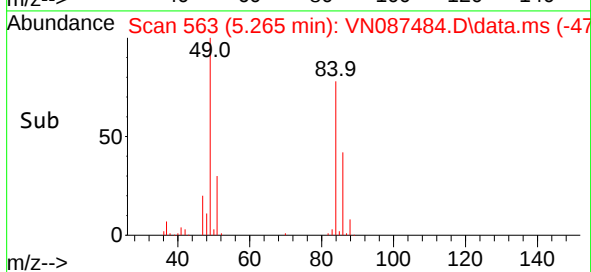
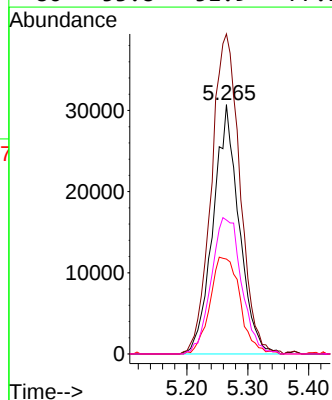
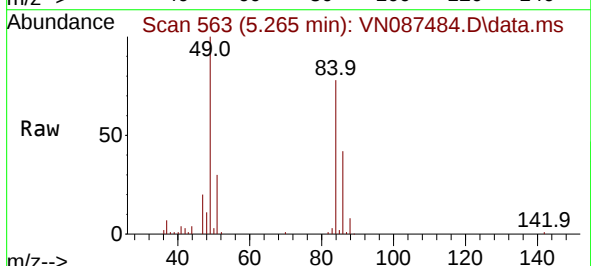
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

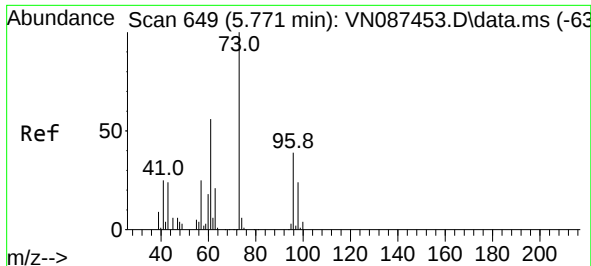
Tgt Ion: 41 Resp: 147706
 Ion Ratio Lower Upper
 41 100
 39 77.8 42.4 127.2
 76 31.0 16.9 50.6



#18
 Methylene Chloride
 Concen: 21.982 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

Tgt Ion: 84 Resp: 90834
 Ion Ratio Lower Upper
 84 100
 49 127.9 112.9 169.3
 51 38.1 33.8 50.8
 86 53.8 51.9 77.9

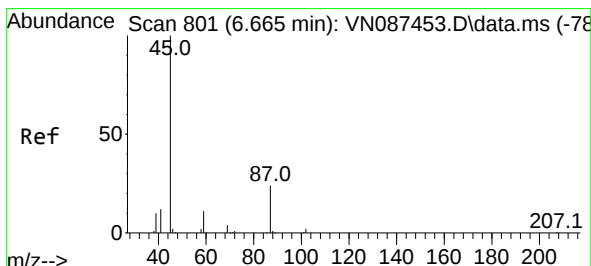
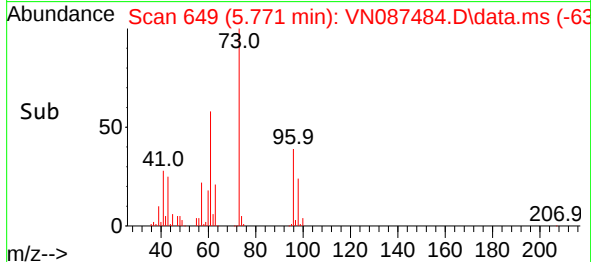
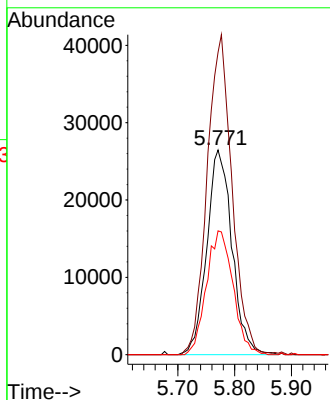
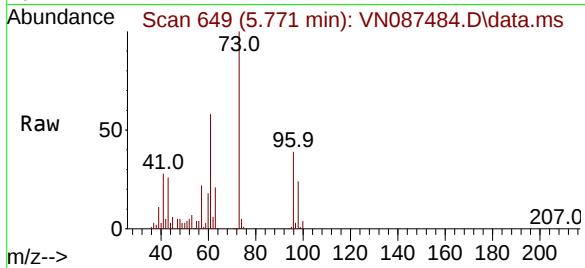




#19
trans-1,2-Dichloroethene
Concen: 21.346 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

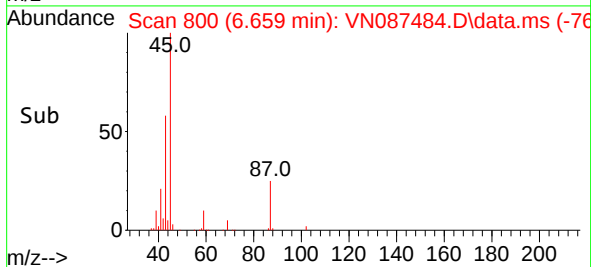
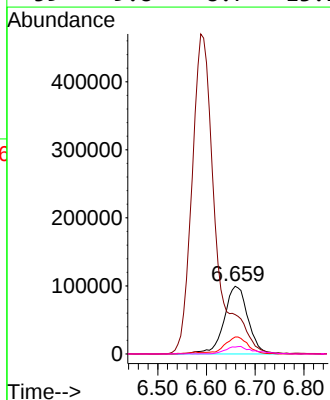
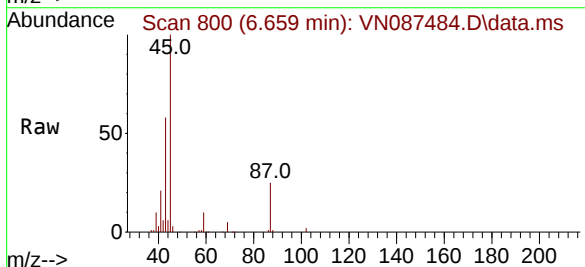
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tgt Ion: 96 Resp: 81480
Ion Ratio Lower Upper
96 100
61 147.7 114.2 171.4
98 60.5 48.7 73.1



#20
Diisopropyl ether
Concen: 22.676 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 45 Resp: 337972
Ion Ratio Lower Upper
45 100
43 56.3 44.7 67.1
87 25.0 20.2 30.2
59 9.8 8.7 13.1

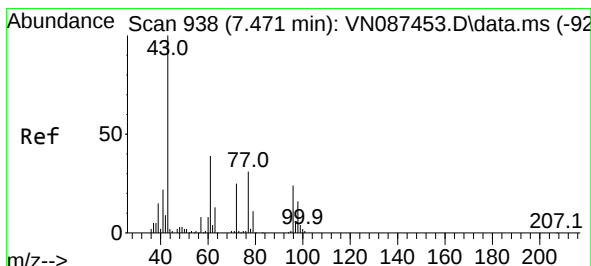
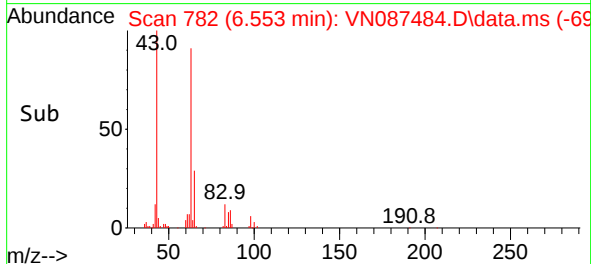
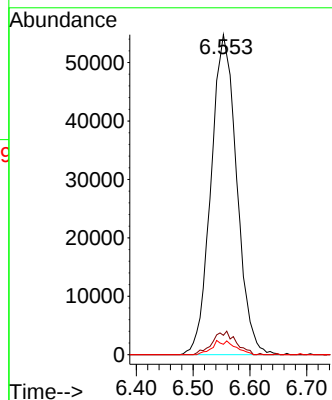
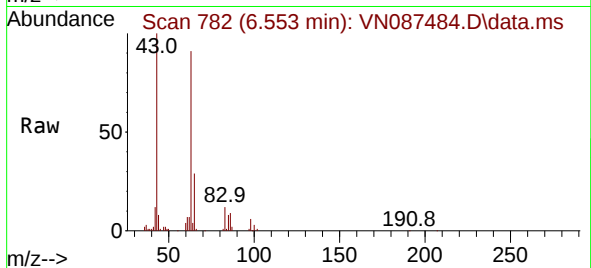




#21
1,1-Dichloroethane
Concen: 22.403 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

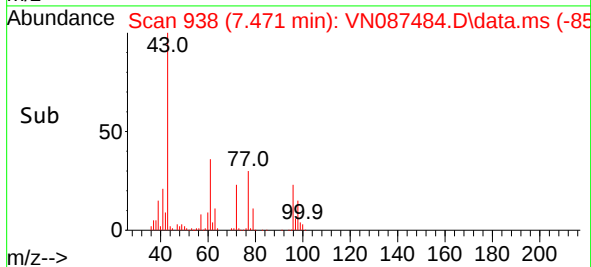
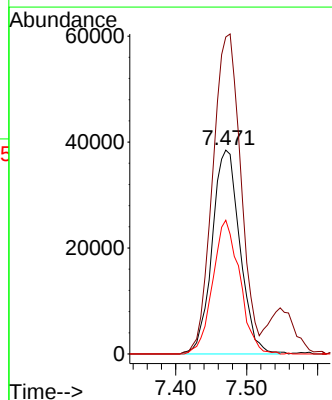
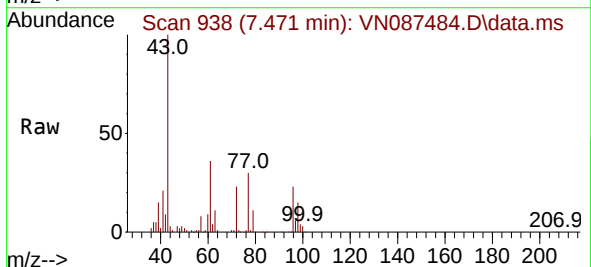
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tgt Ion: 63 Resp: 172595
Ion Ratio Lower Upper
63 100
98 6.0 3.0 9.0
100 3.2 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 22.213 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 96 Resp: 104326
Ion Ratio Lower Upper
96 100
61 159.2 126.6 190.0
98 64.0 50.9 76.3

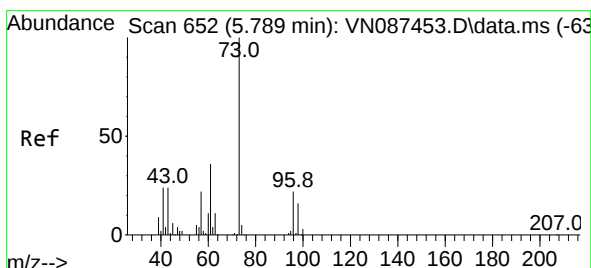
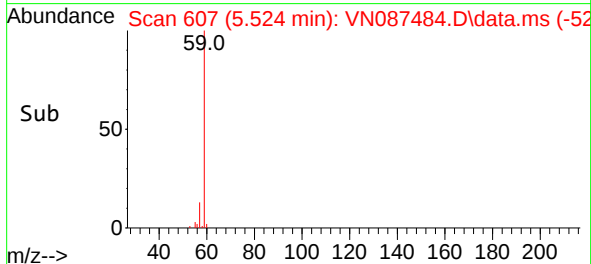
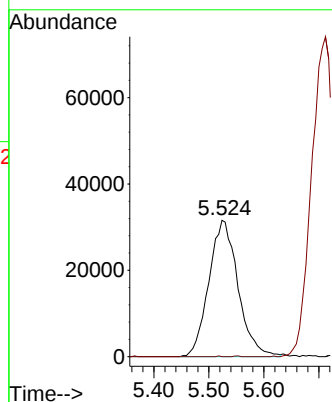
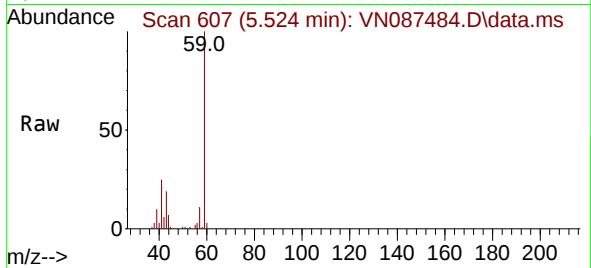




#23
tert-Butyl Alcohol
Concen: 105.906 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

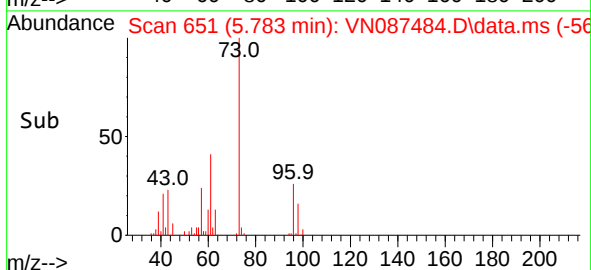
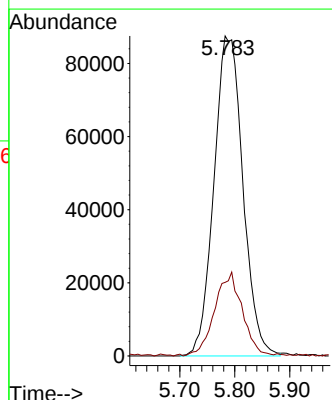
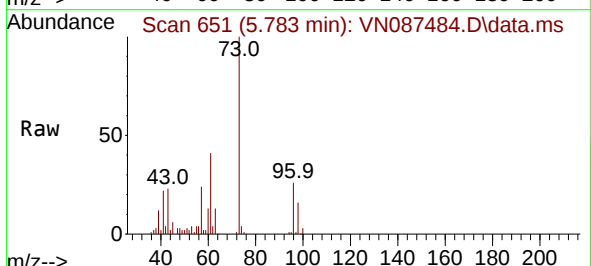
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

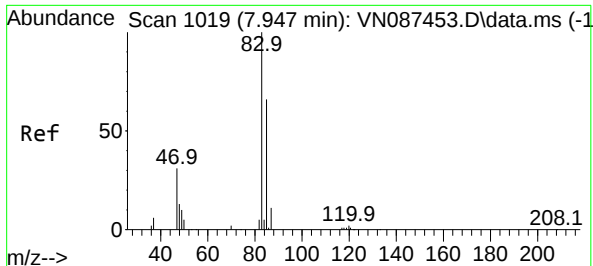
Tgt Ion: 59 Resp: 116400
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 21.898 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 73 Resp: 320284
Ion Ratio Lower Upper
73 100
43 24.9 19.9 29.9

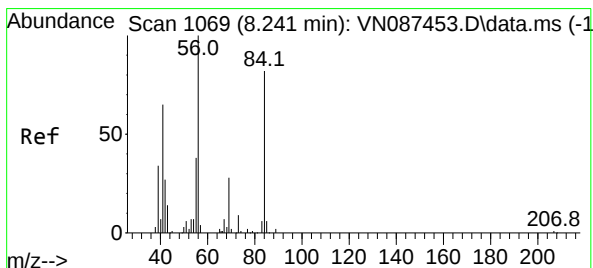
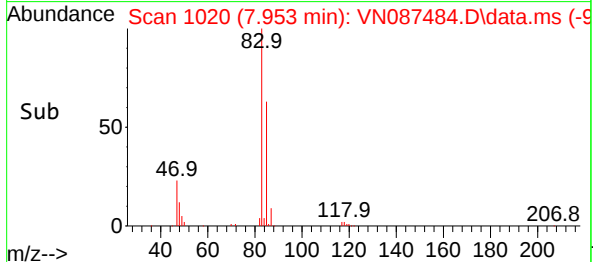
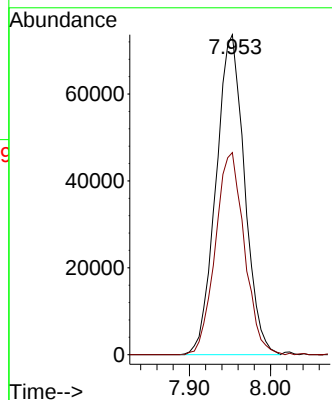
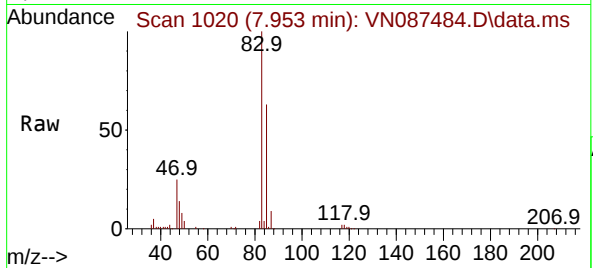




#25
Chloroform
Concen: 22.368 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

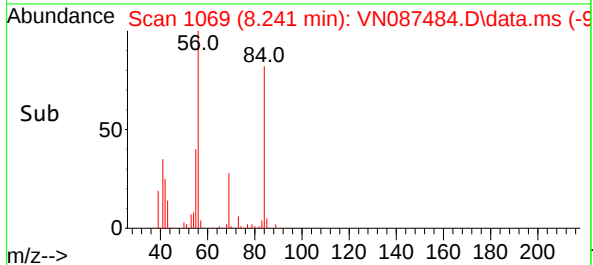
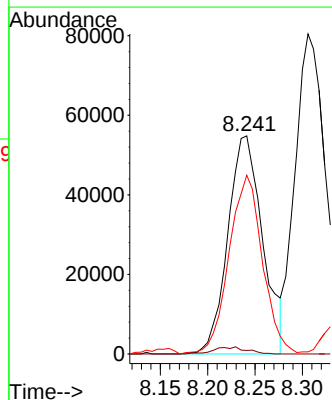
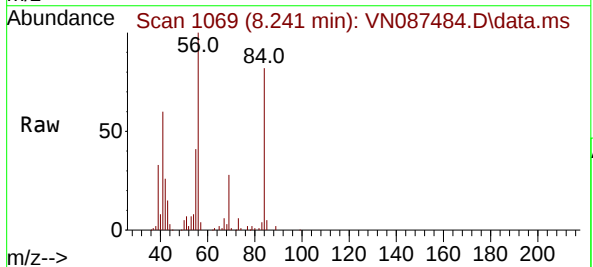
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

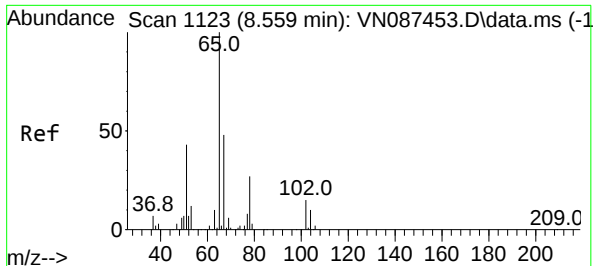
Tgt Ion: 83 Resp: 179874
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8



#26
Cyclohexane
Concen: 22.753 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 56 Resp: 140346
Ion Ratio Lower Upper
56 100
89 0.4 2.3 3.5#
84 78.6 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 31.666 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

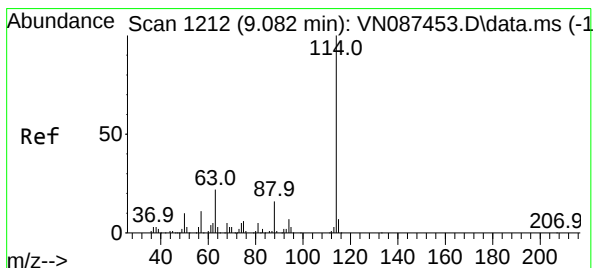
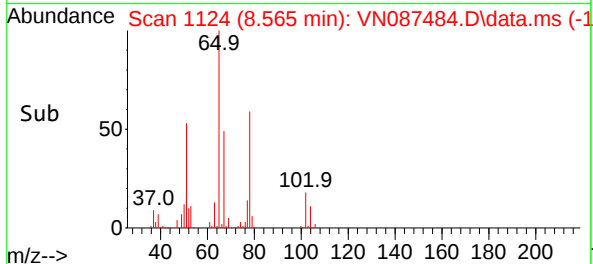
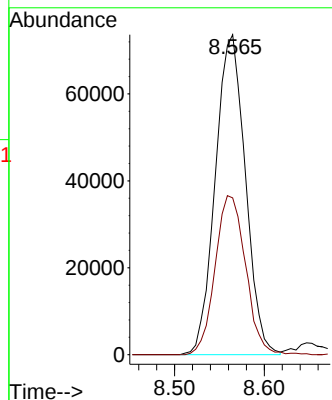
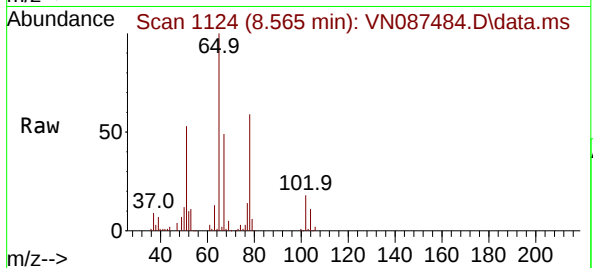
VN0807WBS01

Tgt Ion: 65 Resp: 171175

Ion Ratio Lower Upper

65 100

67 50.3 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

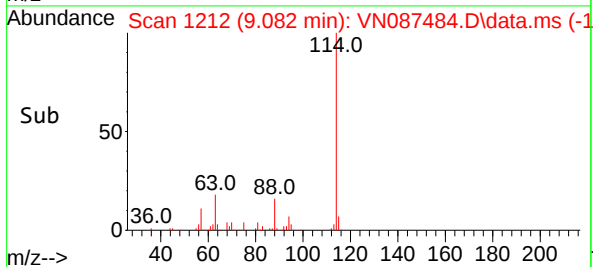
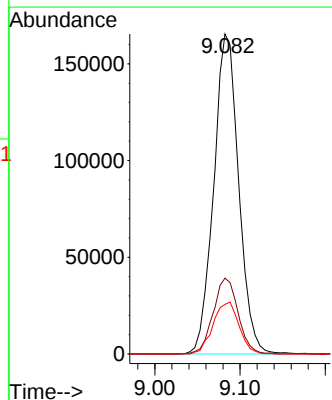
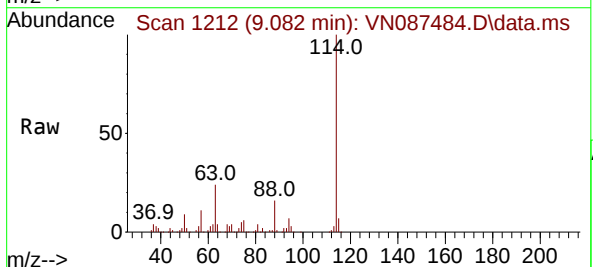
Tgt Ion: 114 Resp: 336486

Ion Ratio Lower Upper

114 100

63 23.7 18.9 28.3

88 16.8 13.1 19.7

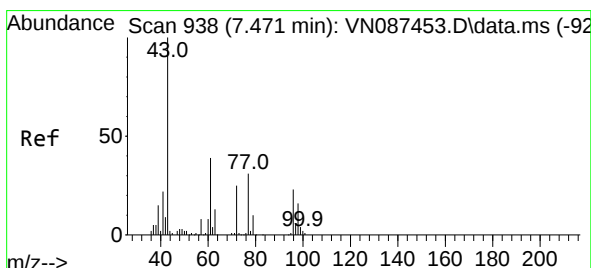
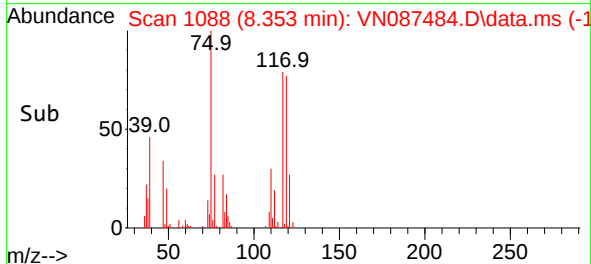
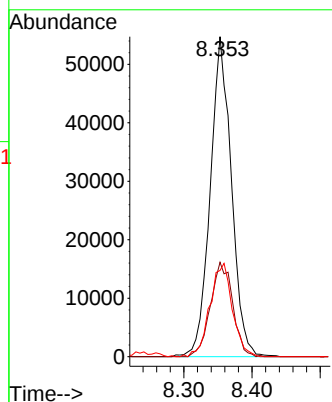
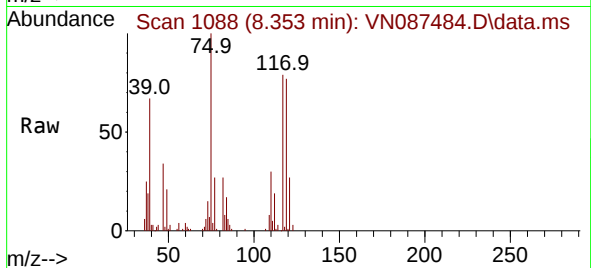




#29
1,1-Dichloropropene
Concen: 21.538 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

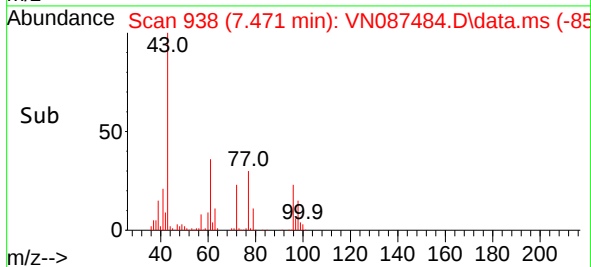
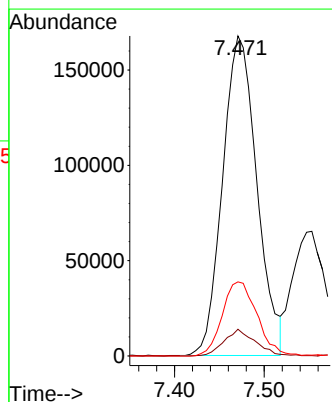
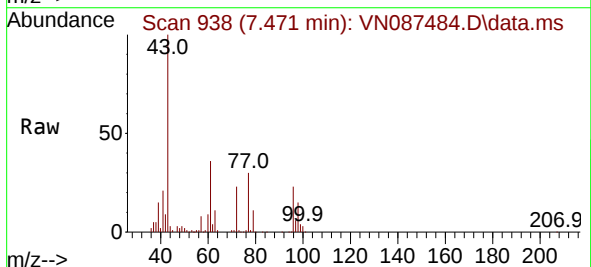
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

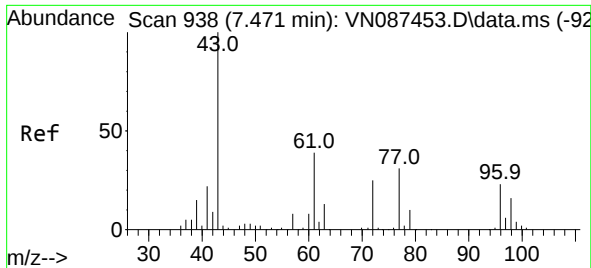
Tgt Ion: 75 Resp: 118205
Ion Ratio Lower Upper
75 100
110 31.0 0.0 65.8
77 30.9 0.0 63.6



#30
2-Butanone
Concen: 110.023 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 43 Resp: 445086
Ion Ratio Lower Upper
43 100
57 7.6 6.6 9.8
72 23.5 19.7 29.5

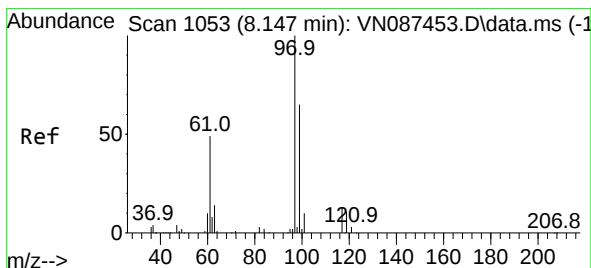
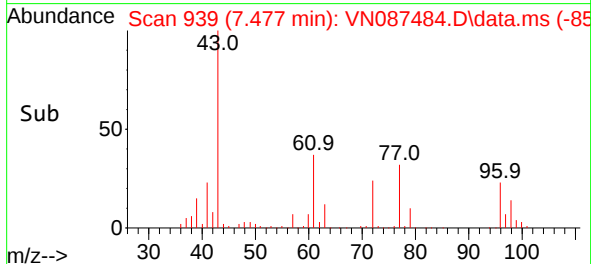
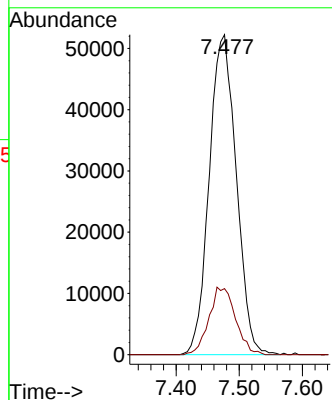
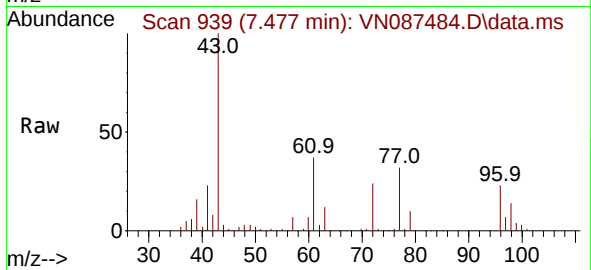




#31
2,2-Dichloropropane
Concen: 21.959 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

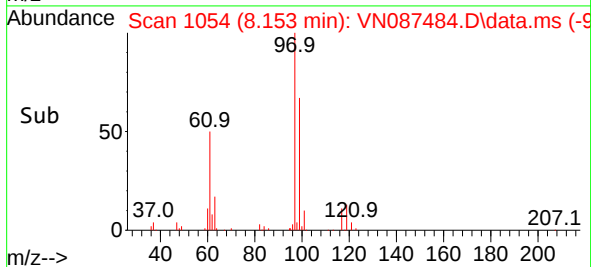
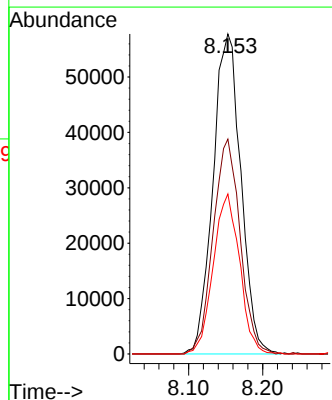
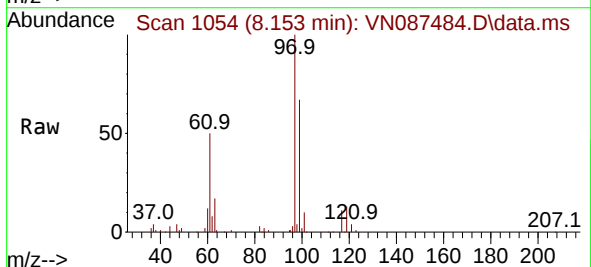
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

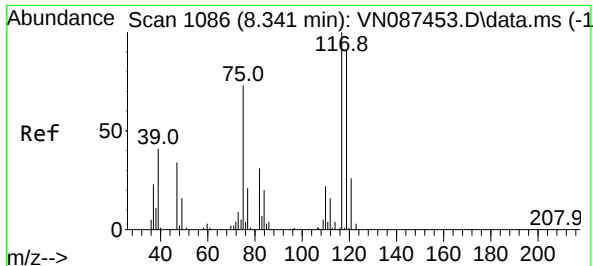
Tgt Ion: 77 Resp: 155429
Ion Ratio Lower Upper
77 100
97 20.5 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 21.586 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 97 Resp: 151094
Ion Ratio Lower Upper
97 100
99 64.9 53.0 79.6
61 47.2 40.6 61.0

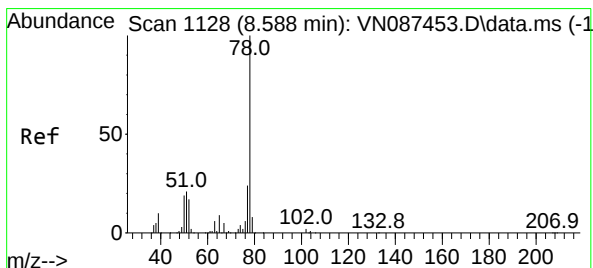
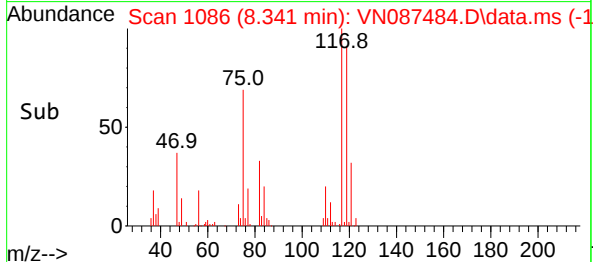
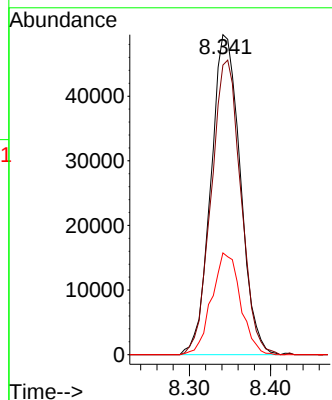
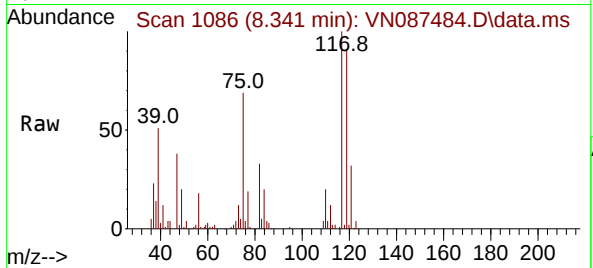




#33
Carbon Tetrachloride
Concen: 21.404 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

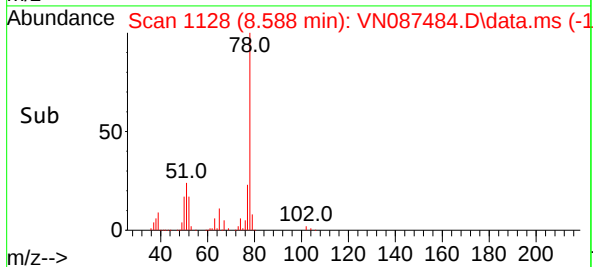
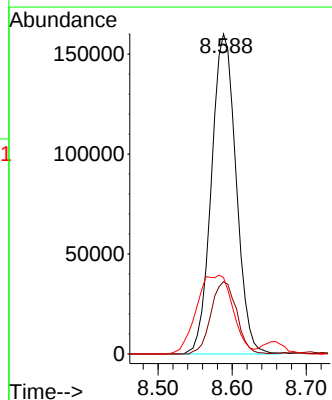
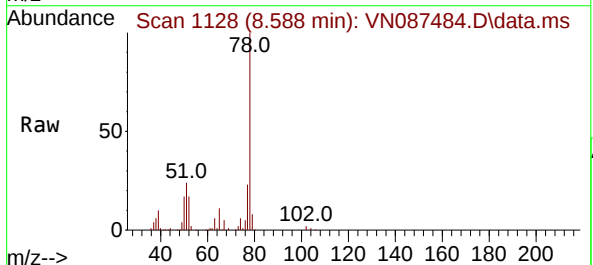
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

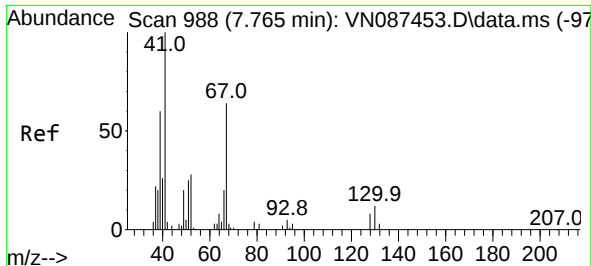
Tgt Ion:117 Resp: 124461
Ion Ratio Lower Upper
117 100
119 90.5 73.4 110.0
121 31.8 21.1 31.7#



#34
Benzene
Concen: 21.339 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

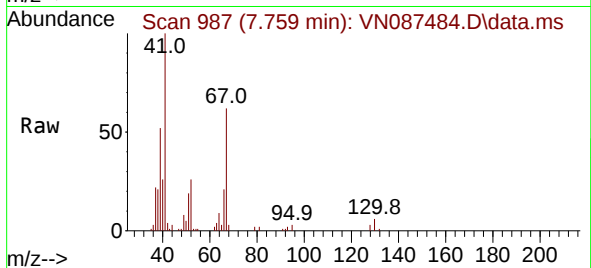
Tgt Ion: 78 Resp: 369683
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8
51 22.3 16.9 25.3



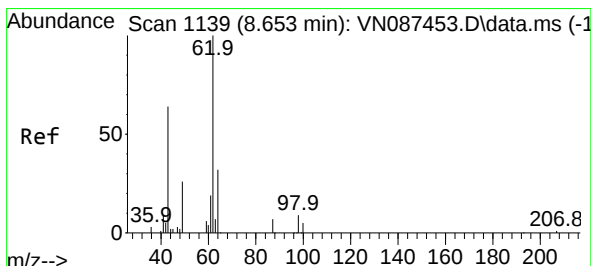
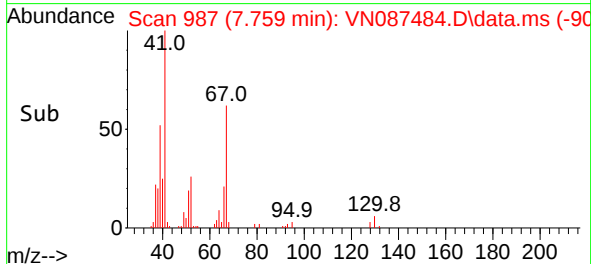
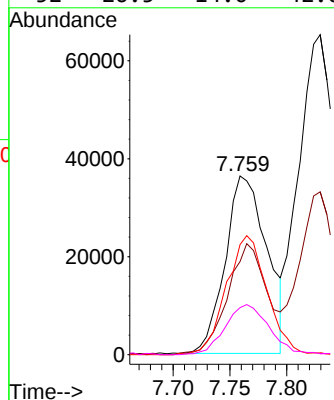


#35
Methacrylonitrile
Concen: 21.186 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

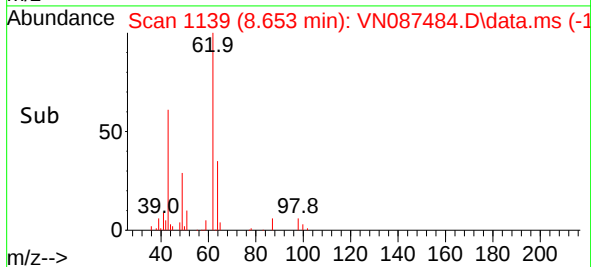
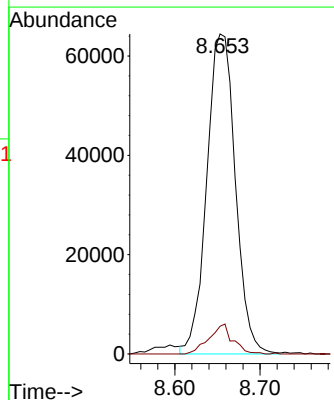
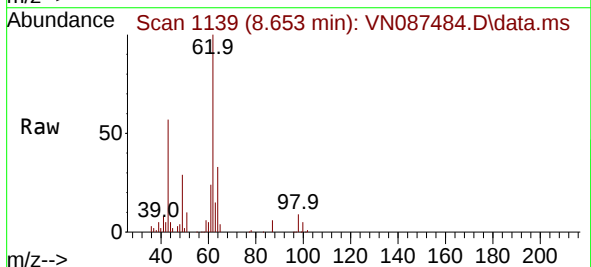


Tgt Ion:	41	Resp:	92488
Ion	Ratio	Lower	Upper
41	100		
39	51.6	30.1	90.5
67	61.4	32.0	96.2
52	26.5	14.0	42.0



#36
1,2-Dichloroethane
Concen: 21.491 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion:	62	Resp:	150479
Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.6	9.8





#37

Trichloroethene

Concen: 21.769 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

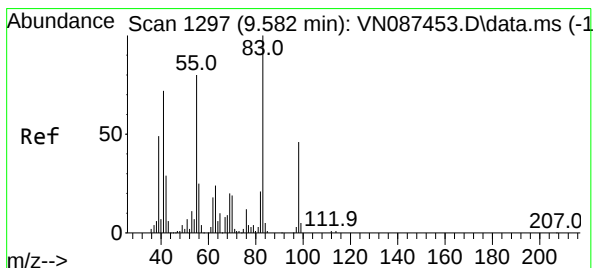
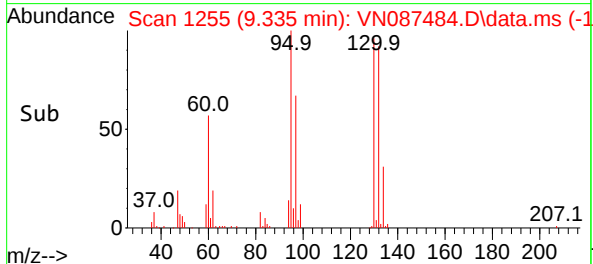
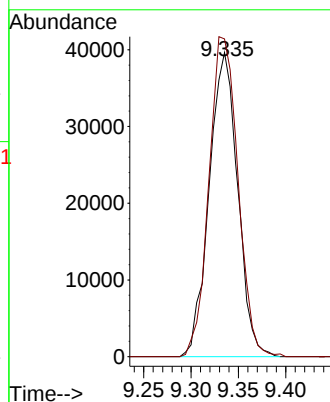
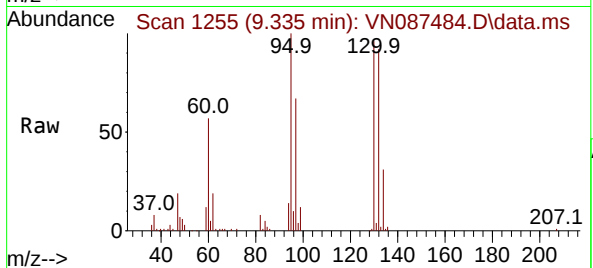
VN0807WBS01

Tgt Ion:130 Resp: 83072

Ion Ratio Lower Upper

130 100

95 104.5 91.4 137.2



#38

Methylcyclohexane

Concen: 20.388 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

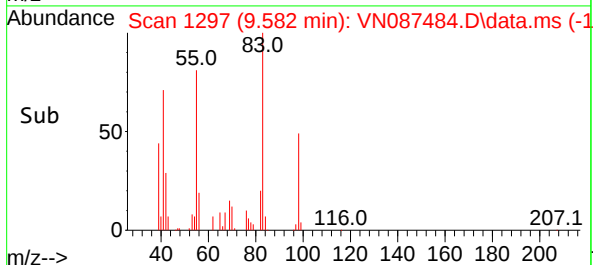
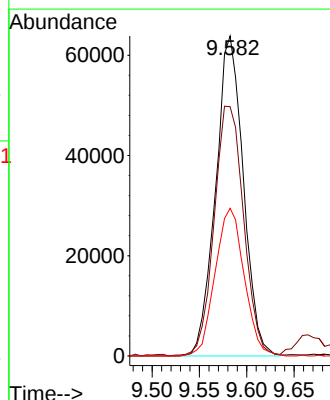
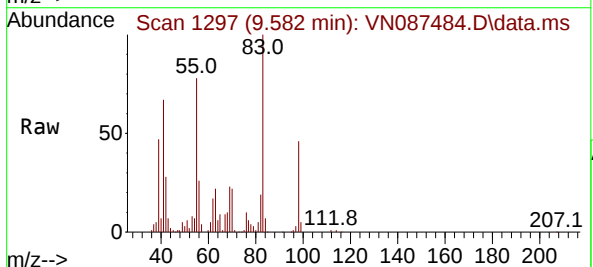
Tgt Ion: 83 Resp: 129809

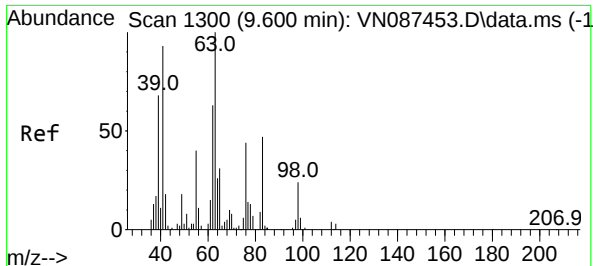
Ion Ratio Lower Upper

83 100

55 83.1 41.2 123.6

98 48.5 23.3 69.9

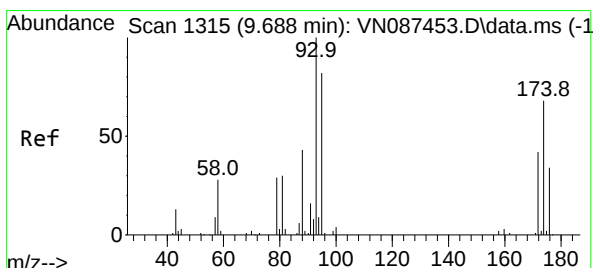
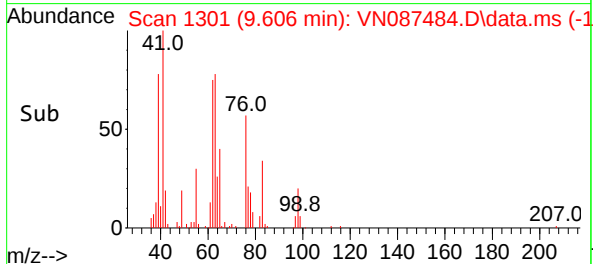
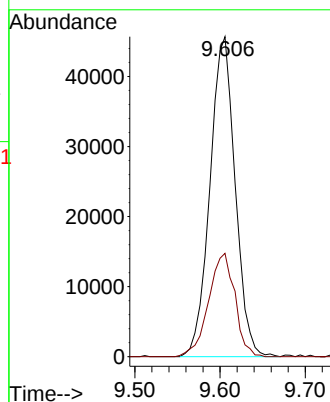
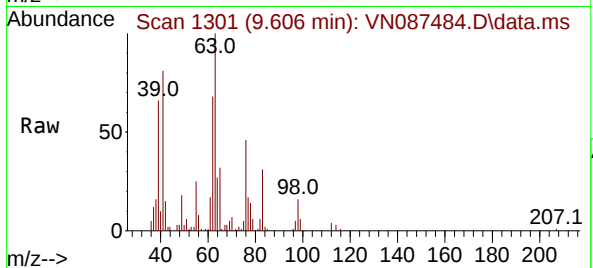




#39
1,2-Dichloropropane
Concen: 21.184 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

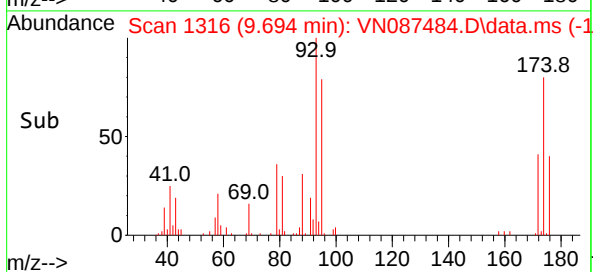
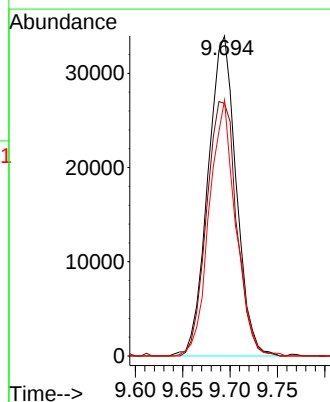
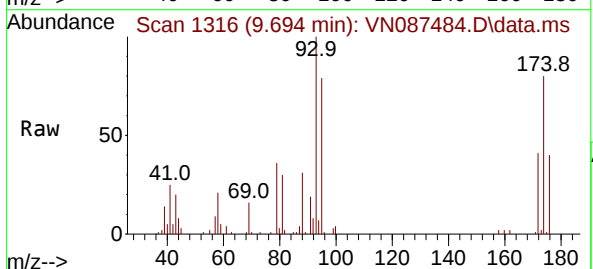
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

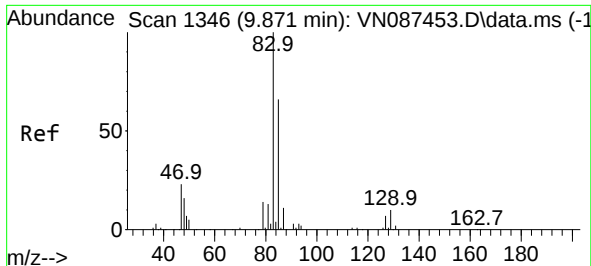
Tgt Ion: 63 Resp: 94093
Ion Ratio Lower Upper
63 100
65 32.3 24.6 36.8



#40
Dibromomethane
Concen: 21.138 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 93 Resp: 70447
Ion Ratio Lower Upper
93 100
95 84.4 0.0 161.6
174 75.1 0.0 151.4

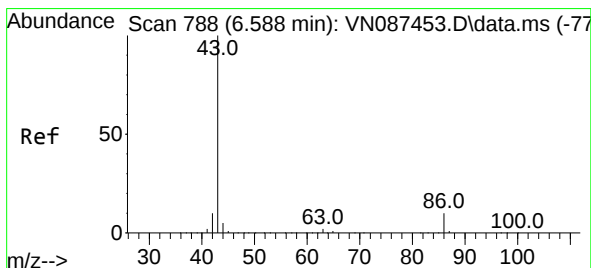
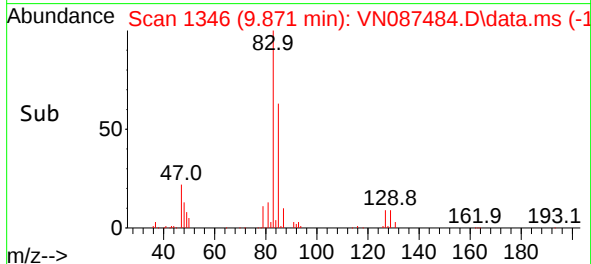
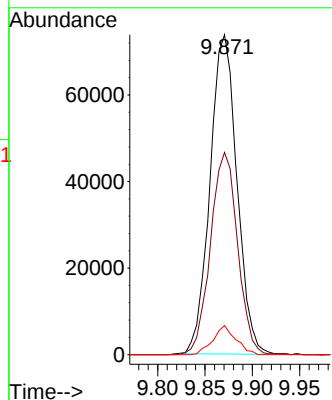
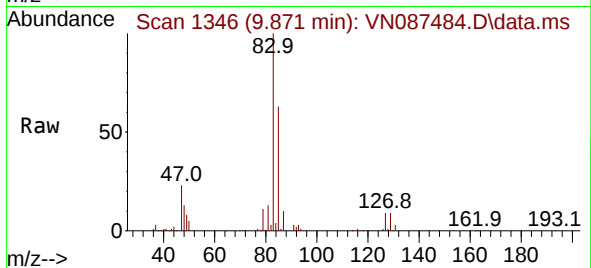




#41
Bromodichloromethane
Concen: 21.091 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

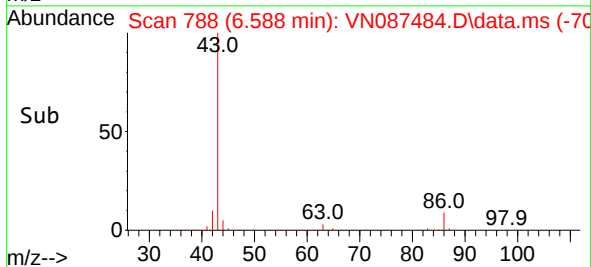
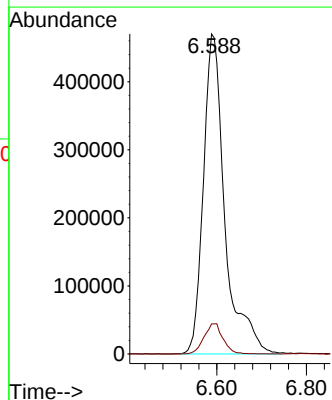
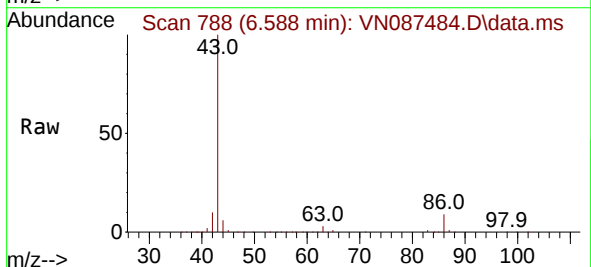
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

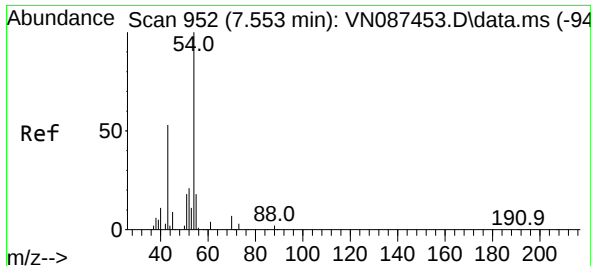
Tgt Ion: 83 Resp: 146057
Ion Ratio Lower Upper
83 100
85 63.2 52.9 79.3
127 9.1 5.8 8.6#



#42
Vinyl Acetate
Concen: 117.296 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 43 Resp: 1562641
Ion Ratio Lower Upper
43 100
86 8.4 7.3 10.9

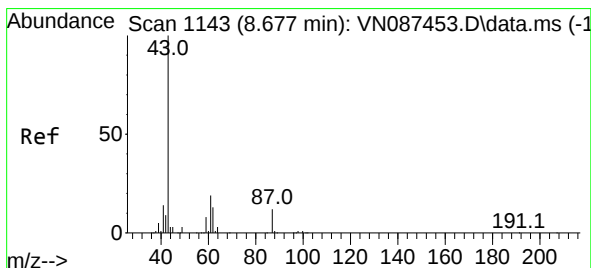
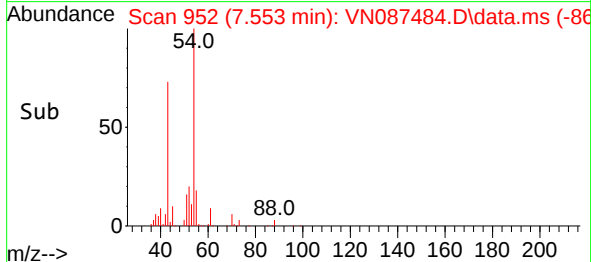
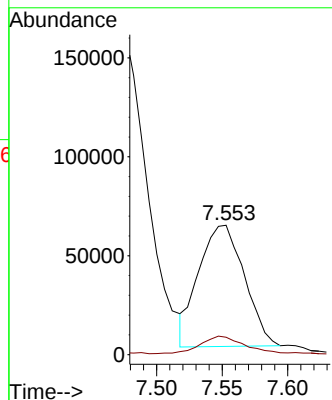
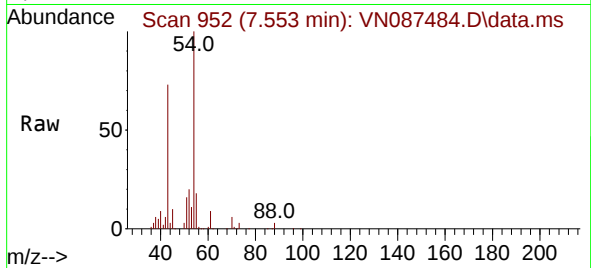




#43
Ethyl Acetate
Concen: 18.973 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

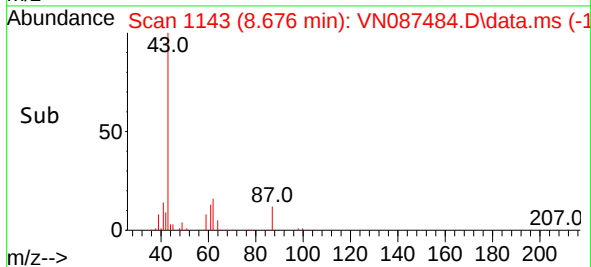
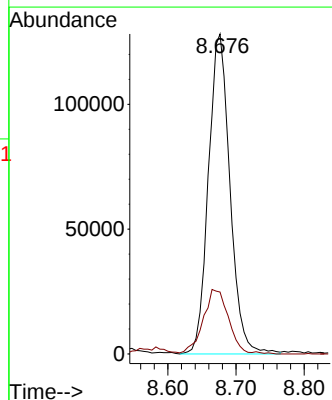
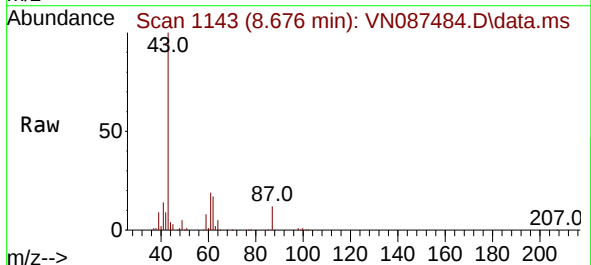
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

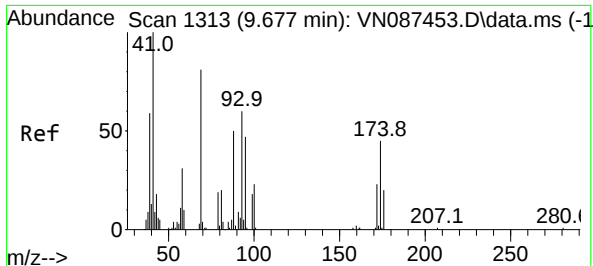
Tgt Ion: 43 Resp: 148275
Ion Ratio Lower Upper
43 100
45 15.9 11.1 16.7



#44
Isopropyl Acetate
Concen: 21.329 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 43 Resp: 282553
Ion Ratio Lower Upper
43 100
61 23.5 18.6 28.0





#45

1,4-Dioxane

Concen: 407.315 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

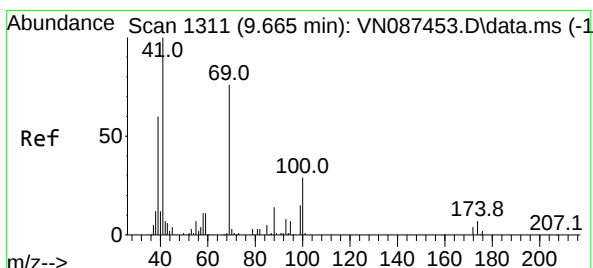
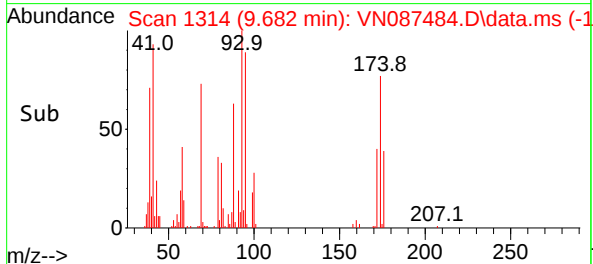
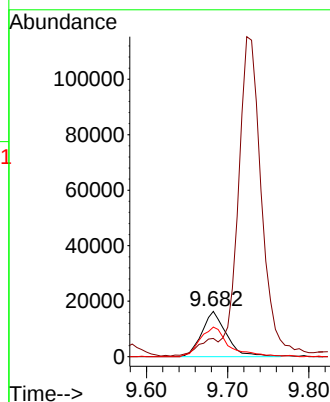
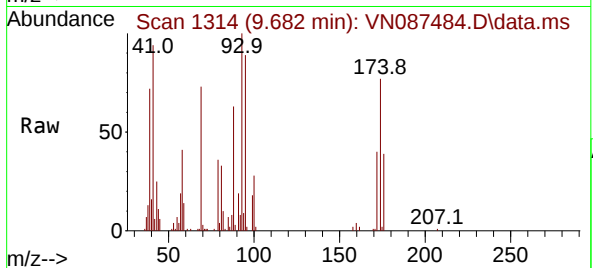
Tgt Ion: 88 Resp: 34399

Ion Ratio Lower Upper

88 100

43 32.3 24.1 36.1

58 75.9 57.2 85.8



#46

Methyl methacrylate

Concen: 20.476 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

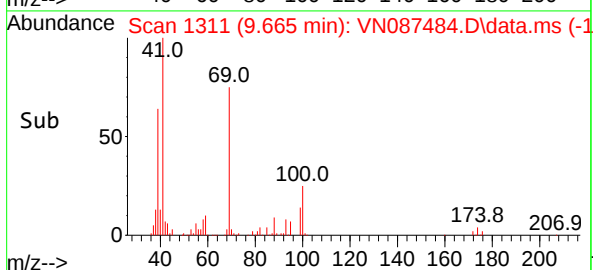
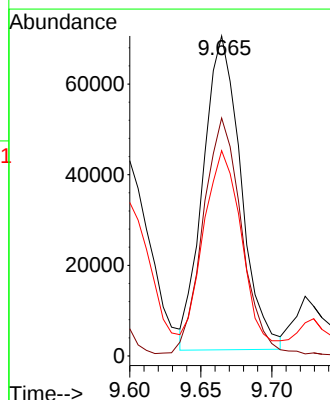
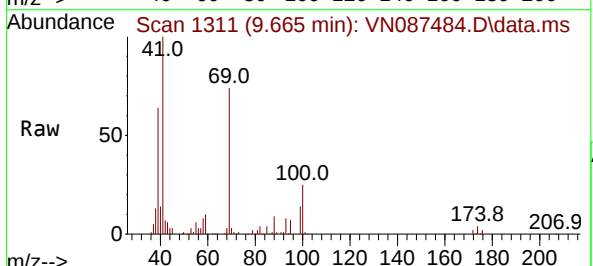
Tgt Ion: 41 Resp: 128044

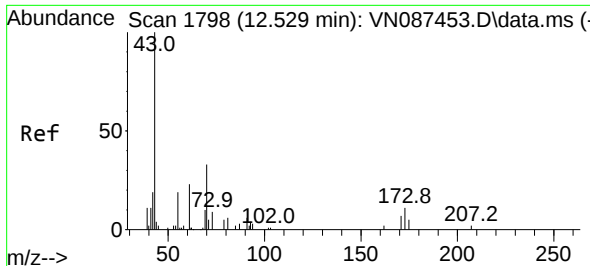
Ion Ratio Lower Upper

41 100

69 77.0 37.1 111.5

39 63.2 30.7 92.1

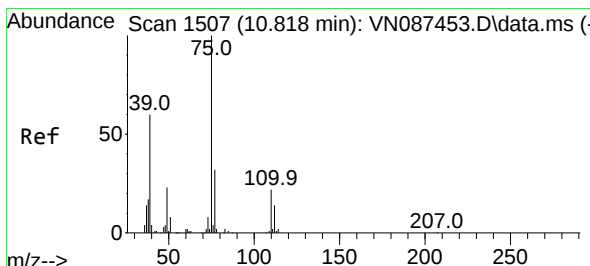
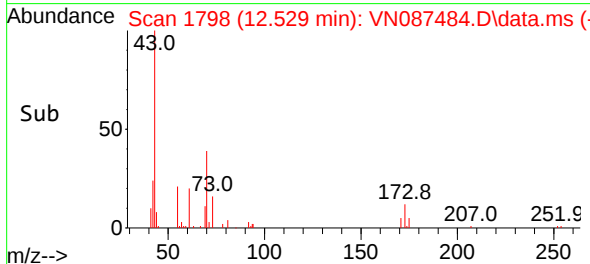
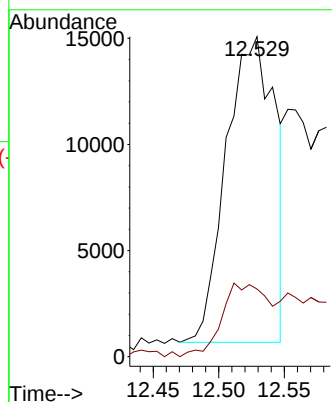
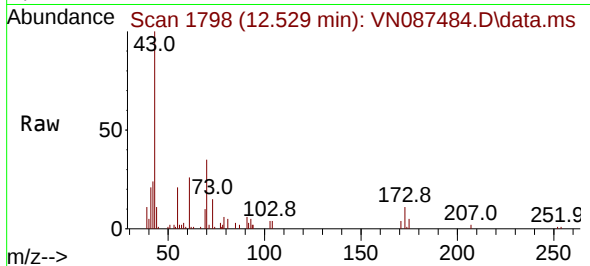




#47
n-amy1 Acetate
Concen: 5.091 ug/l
RT: 12.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

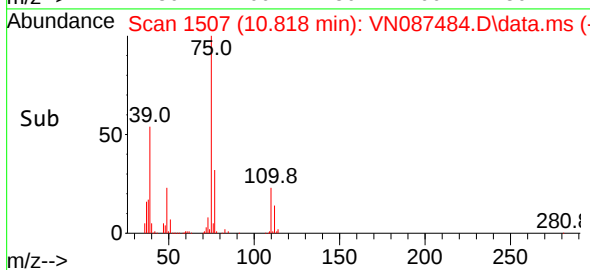
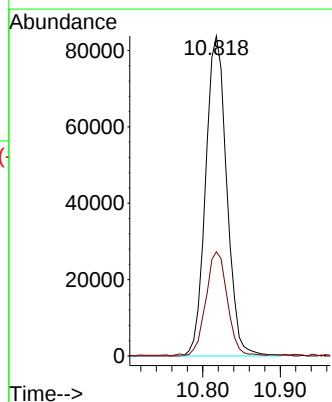
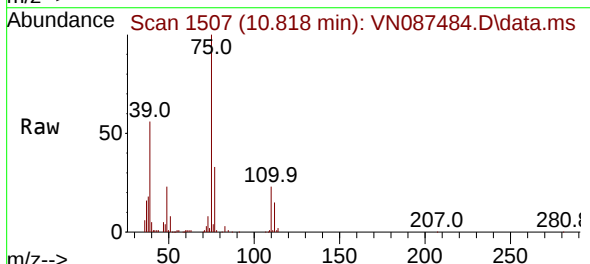
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tgt Ion: 43 Resp: 37256
Ion Ratio Lower Upper
43 100
55 9.3 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 21.023 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 75 Resp: 158389
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

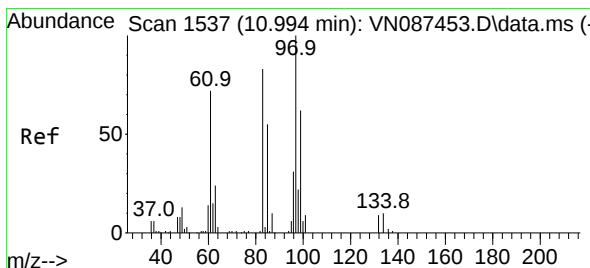
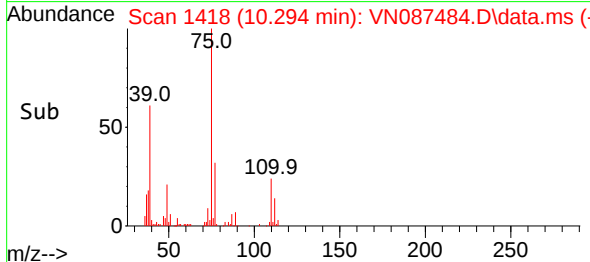
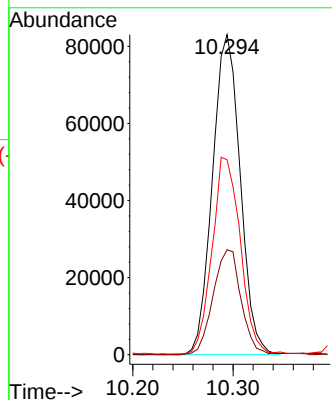
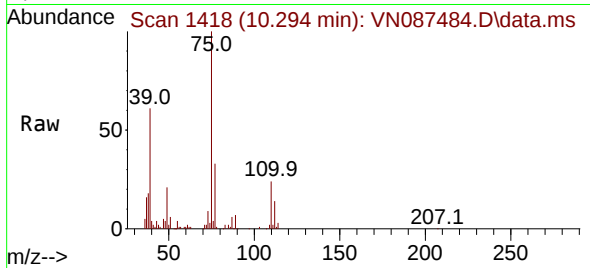




#49
 cis-1,3-Dichloropropene
 Concen: 21.003 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

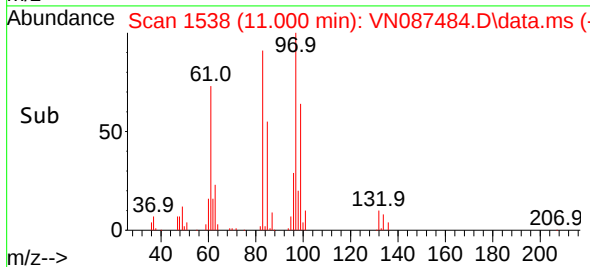
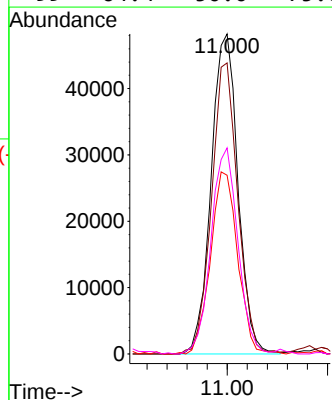
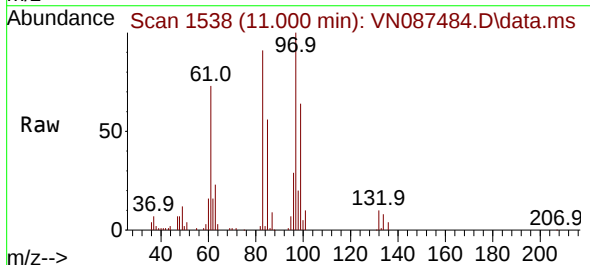
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

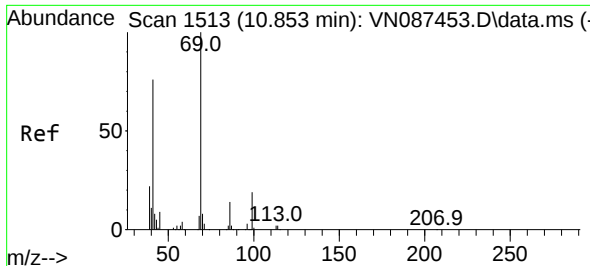
Tgt Ion: 75 Resp: 159248
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 36.8
 39 60.7 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 21.292 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

Tgt Ion: 97 Resp: 89655
 Ion Ratio Lower Upper
 97 100
 83 90.9 66.2 99.2
 85 55.5 43.9 65.9
 99 64.4 50.0 75.0

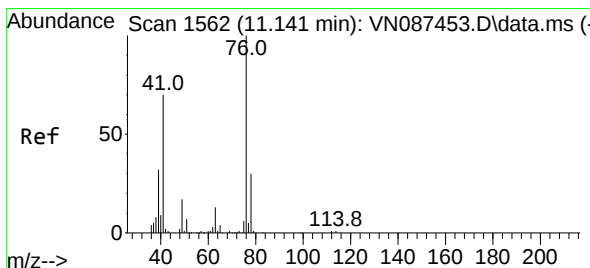
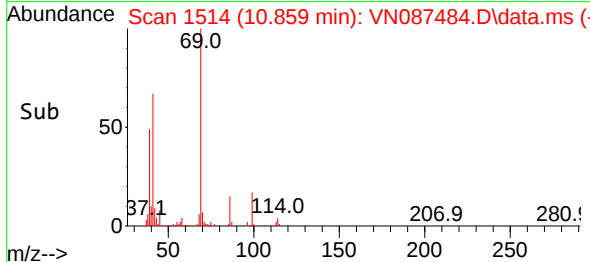
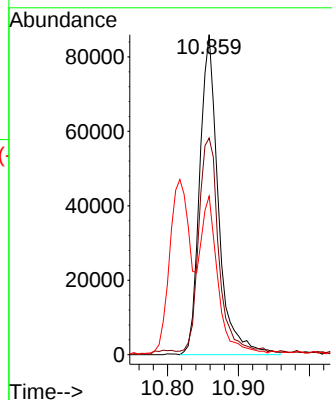
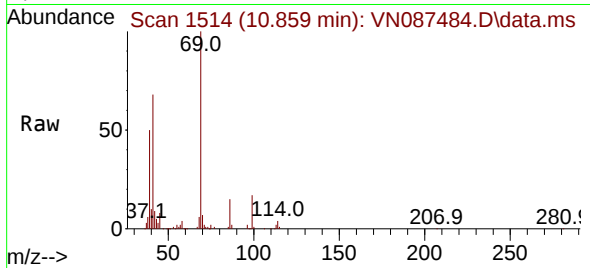




#51
Ethyl methacrylate
Concen: 21.327 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

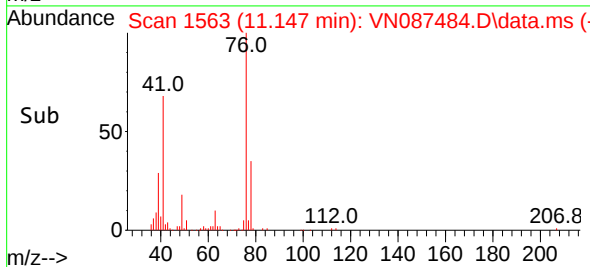
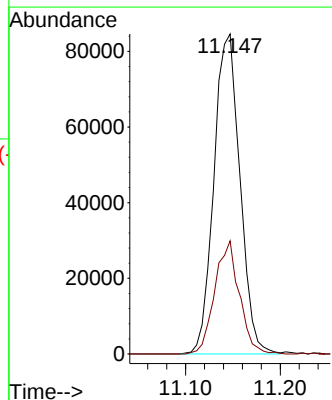
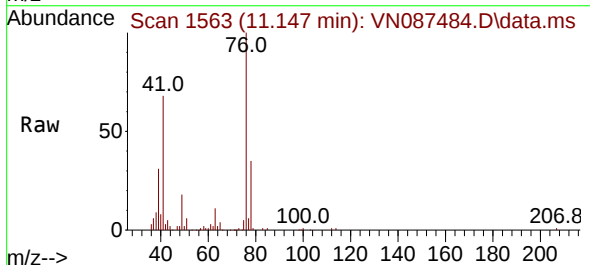
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

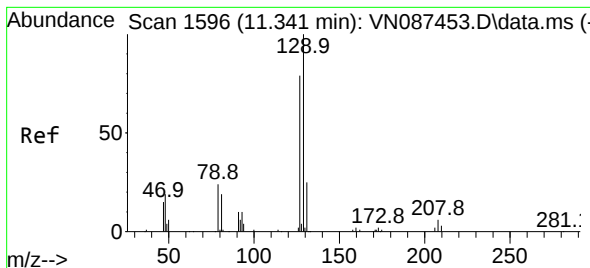
Tgt Ion: 69 Resp: 158153
Ion Ratio Lower Upper
69 100
41 66.6 38.0 114.1
39 48.7 23.2 69.5



#52
1,3-Dichloropropane
Concen: 21.318 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 76 Resp: 161718
Ion Ratio Lower Upper
76 100
78 33.3 0.0 63.0

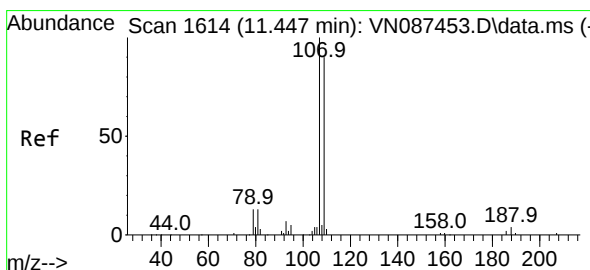
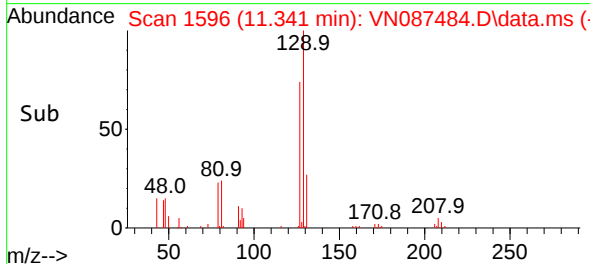
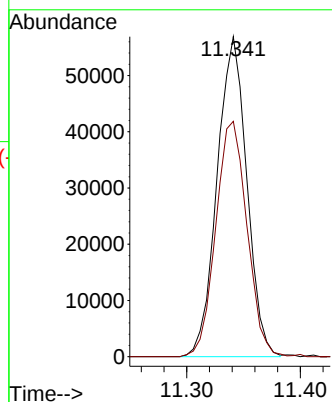
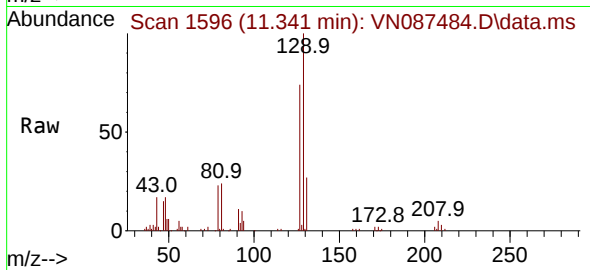




#53
Dibromochloromethane
Concen: 21.264 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

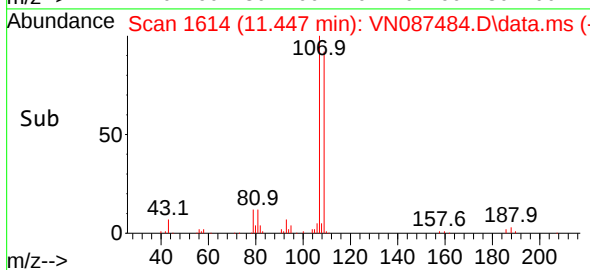
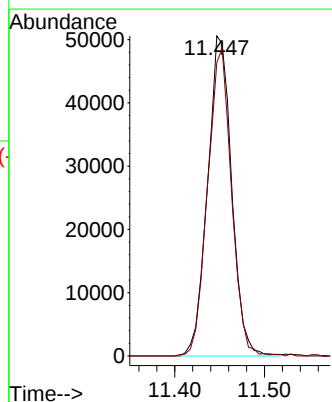
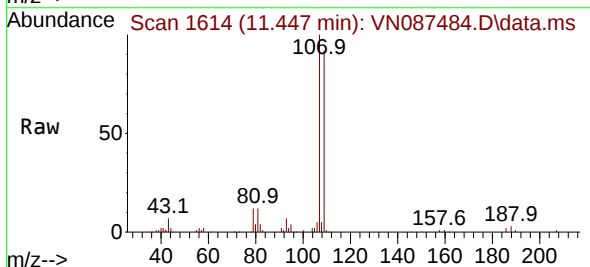
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

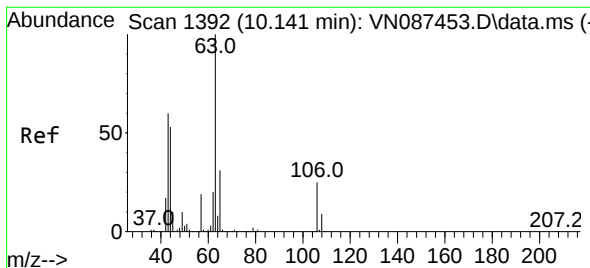
Tgt Ion:129 Resp: 103403
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3



#54
1,2-Dibromoethane
Concen: 21.072 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion:107 Resp: 94192
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4

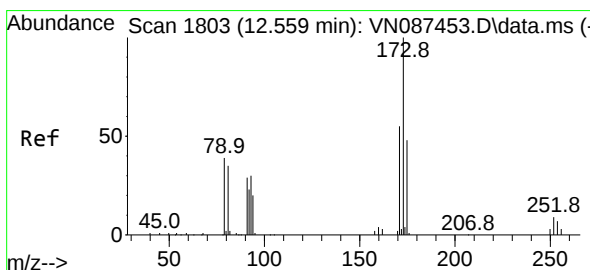
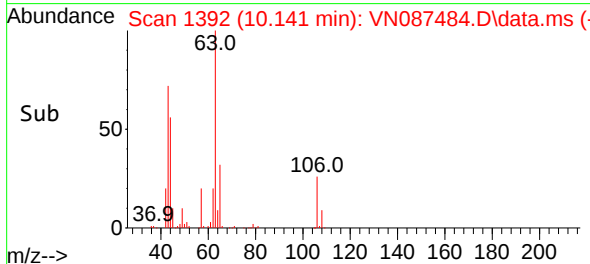
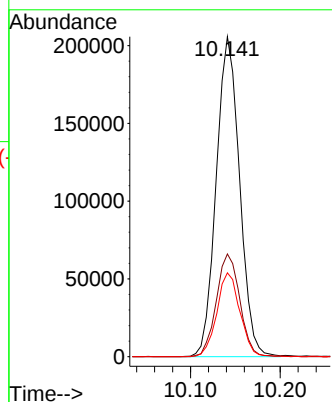
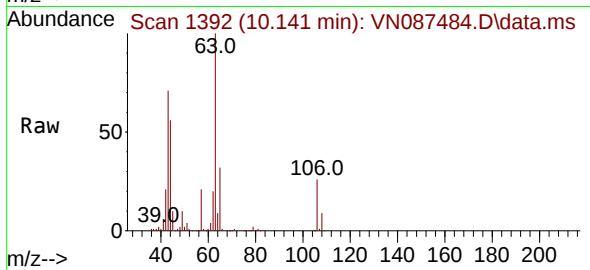




#55
2-Chloroethyl vinyl ether
Concen: 95.317 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

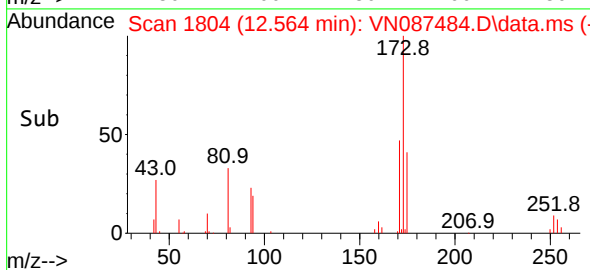
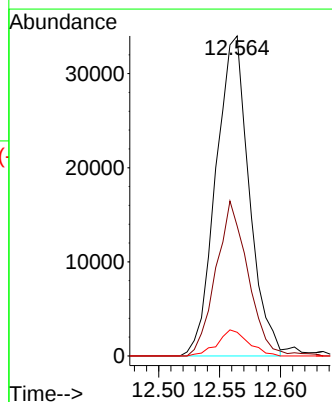
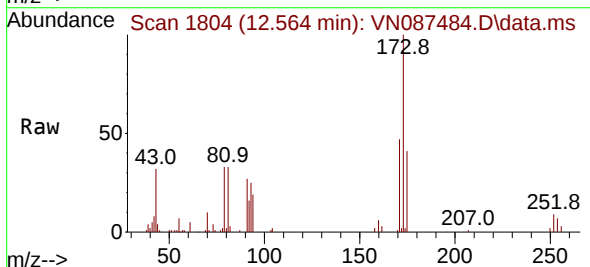
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

Tgt Ion: 63 Resp: 372103
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 25.9 20.7 31.1



#56
Bromoform
Concen: 20.125 ug/l
RT: 12.564 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 173 Resp: 64731
Ion Ratio Lower Upper
173 100
175 46.2 38.8 58.2
254 7.6 3.9 5.9#

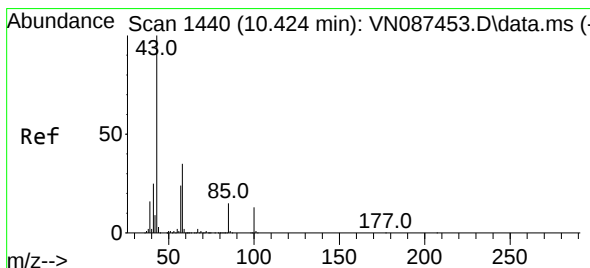
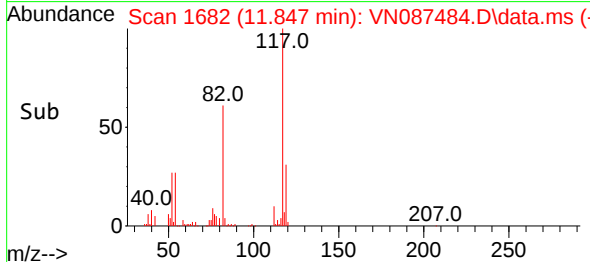
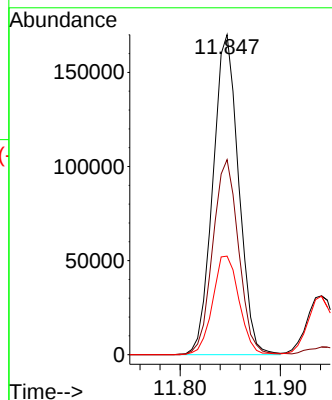
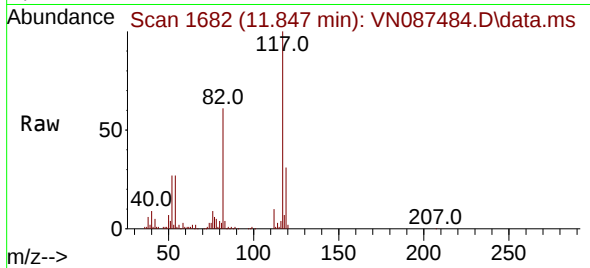




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

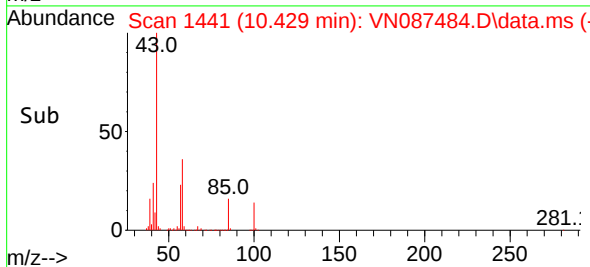
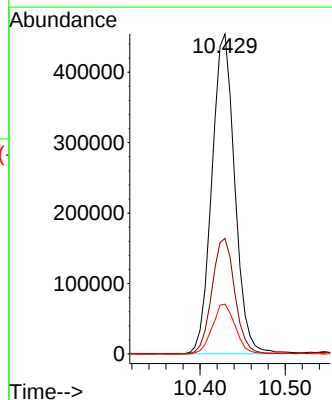
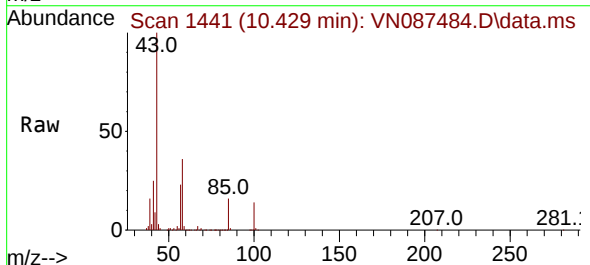
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

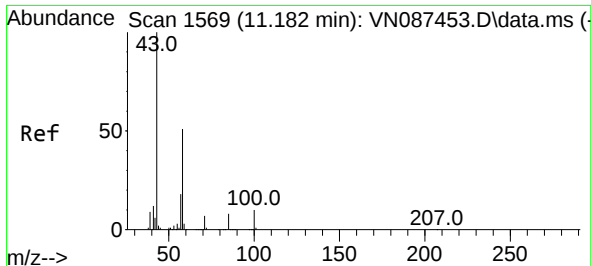
Tgt Ion:117 Resp: 303451
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 108.600 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 43 Resp: 847747
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6
85 15.7 12.7 19.1

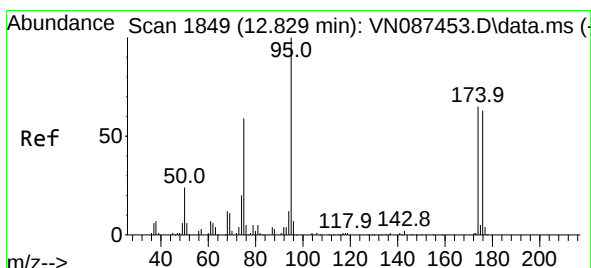
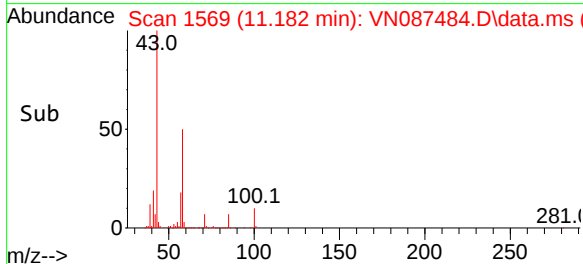
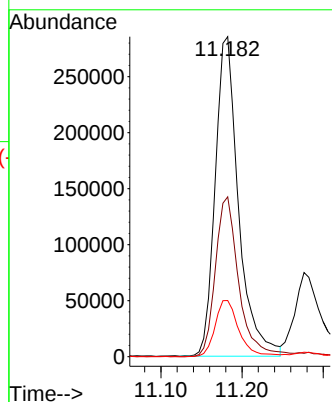
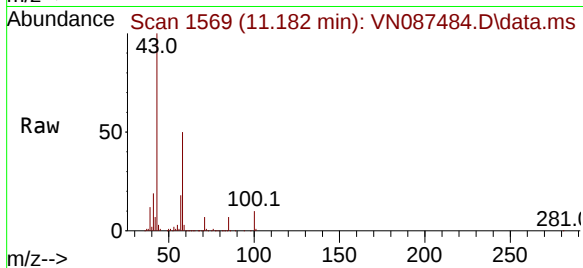




#59
2-Hexanone
Concen: 107.418 ug/l
RT: 11.182 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

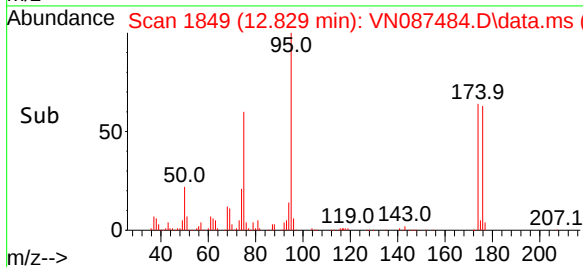
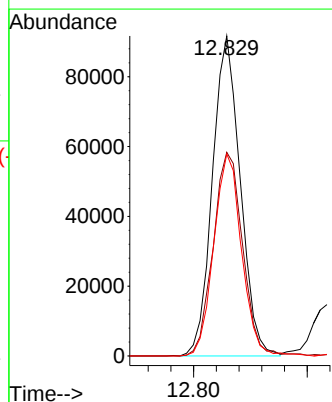
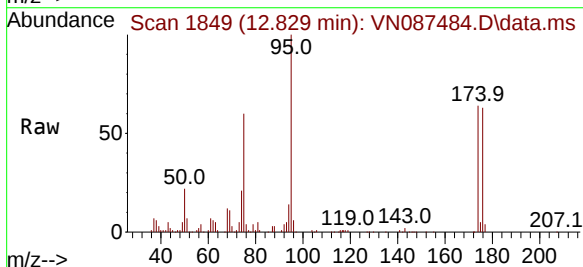
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

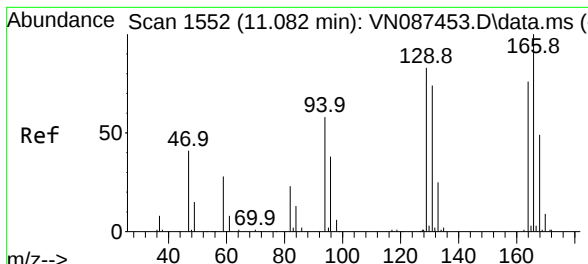
Tgt Ion: 43 Resp: 569737
Ion Ratio Lower Upper
43 100
58 50.4 41.0 61.6
57 18.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.887 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 95 Resp: 156075
Ion Ratio Lower Upper
95 100
174 66.9 52.3 78.5
176 63.1 49.8 74.8

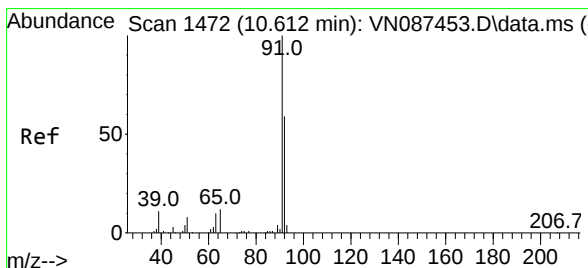
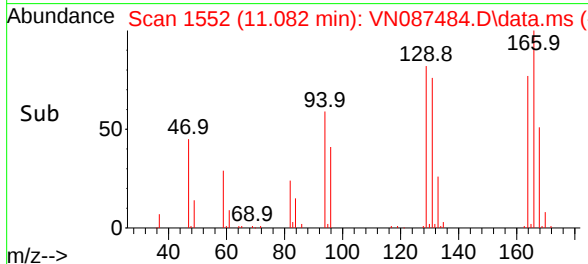
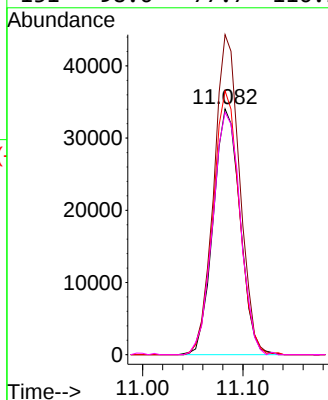
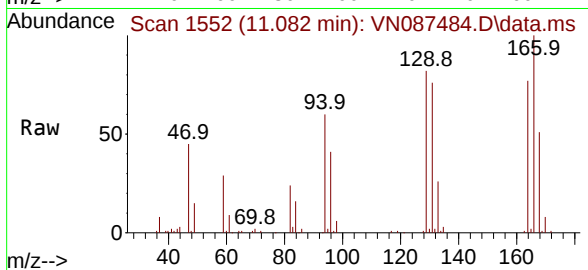




#61
Tetrachloroethene
Concen: 21.303 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

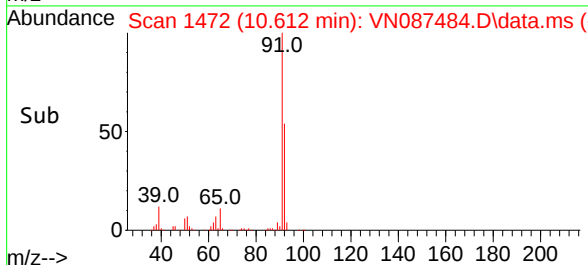
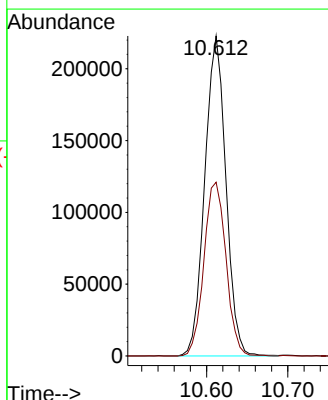
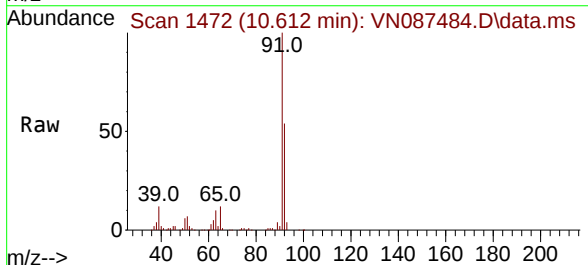
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

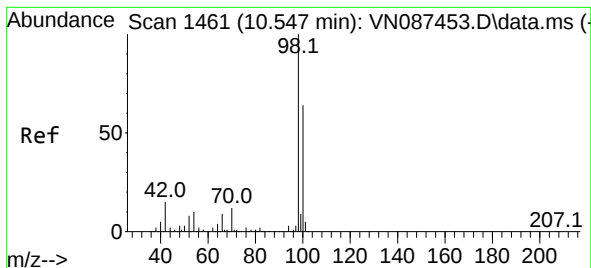
Tgt Ion:164 Resp: 62979
Ion Ratio Lower Upper
164 100
166 130.2 105.4 158.0
129 107.4 87.7 131.5
131 98.6 77.7 116.5



#62
Toluene
Concen: 21.499 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 91 Resp: 402663
Ion Ratio Lower Upper
91 100
92 56.7 45.8 68.6





#63

Toluene-d8

Concen: 30.356 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

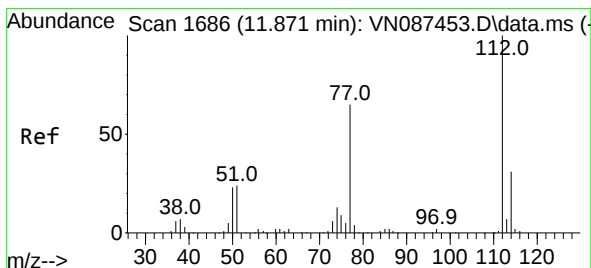
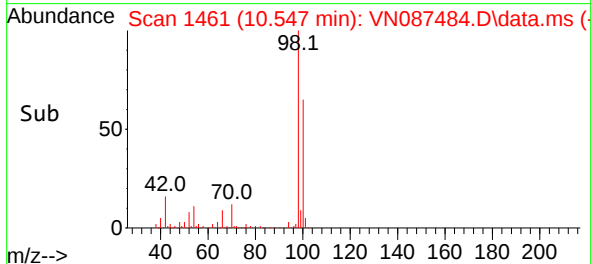
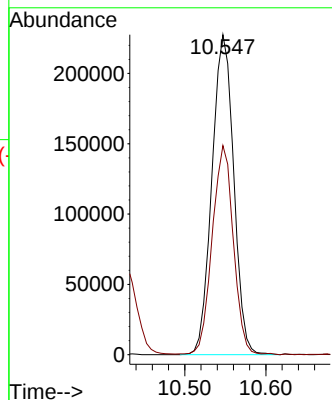
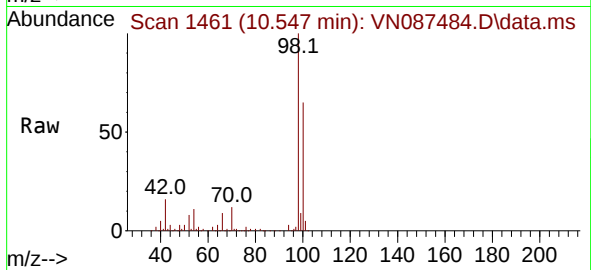
VN0807WBS01

Tgt Ion: 98 Resp: 423840

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7



#64

Chlorobenzene

Concen: 21.435 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087484.D

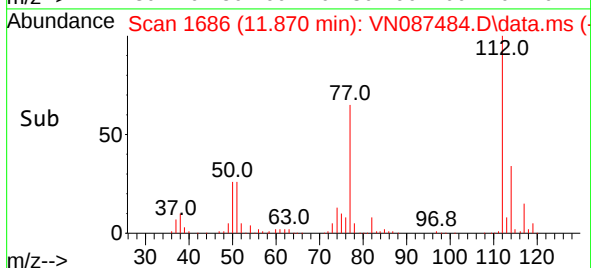
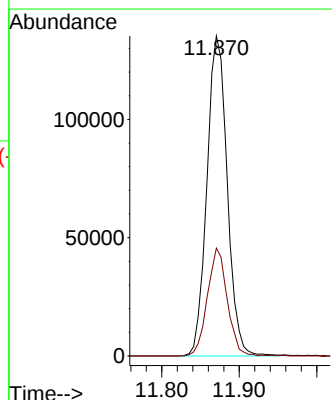
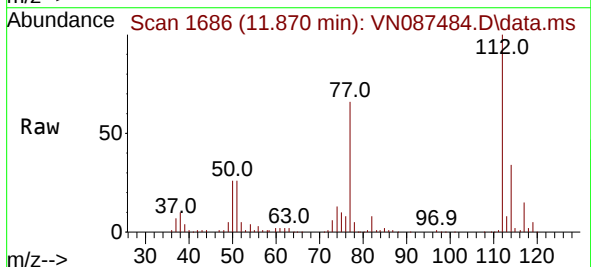
Acq: 07 Aug 2025 10:35

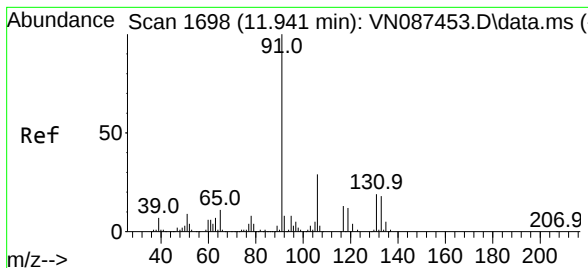
Tgt Ion: 112 Resp: 246686

Ion Ratio Lower Upper

112 100

114 33.7 24.7 37.1

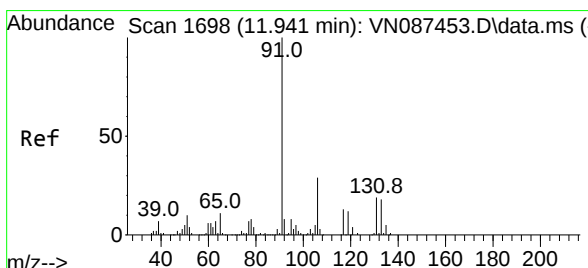
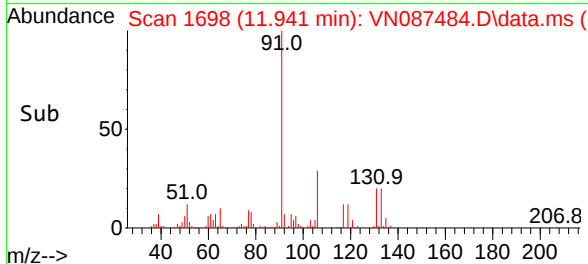
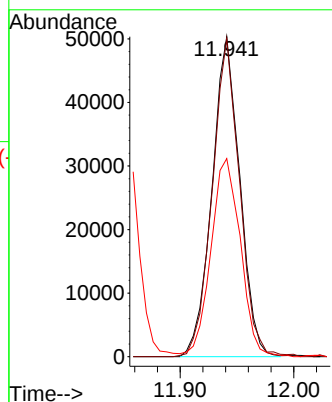
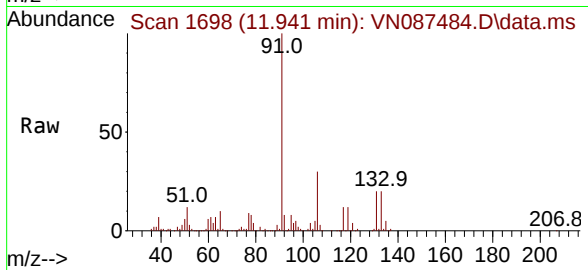




#65
1,1,1,2-Tetrachloroethane
Concen: 21.154 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

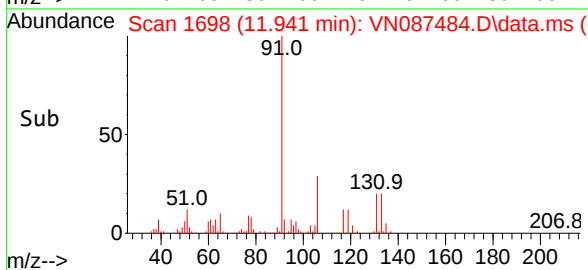
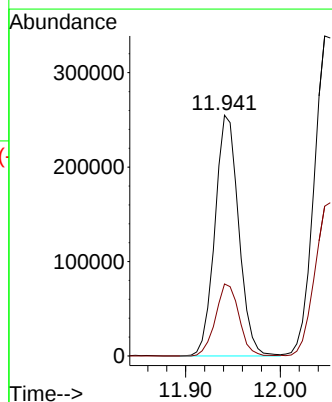
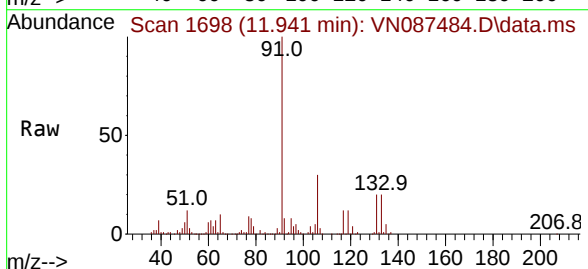
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

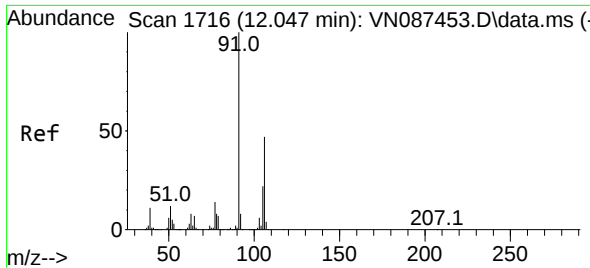
Tgt Ion:131 Resp: 85595
Ion Ratio Lower Upper
131 100
133 97.4 0.0 189.8
119 65.5 0.0 133.2



#66
Ethyl Benzene
Concen: 21.295 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 91 Resp: 444537
Ion Ratio Lower Upper
91 100
106 29.9 22.9 34.3

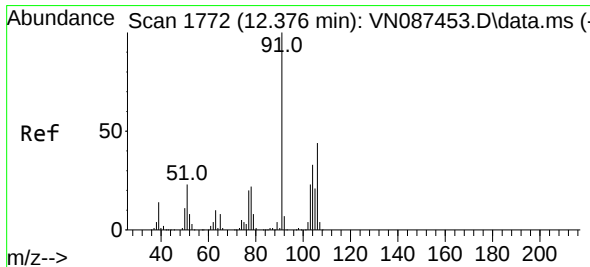
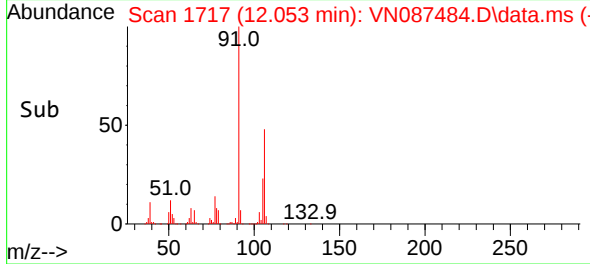
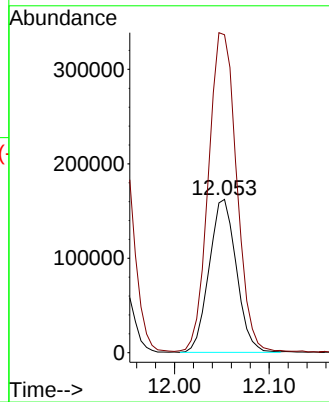
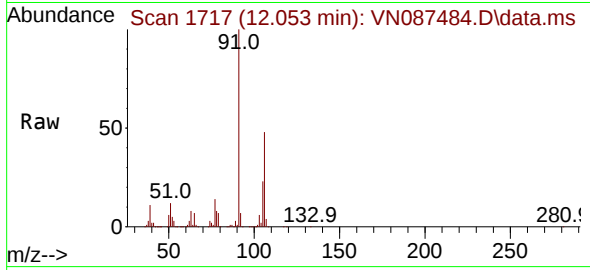




#67
m/p-Xylenes
Concen: 42.353 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

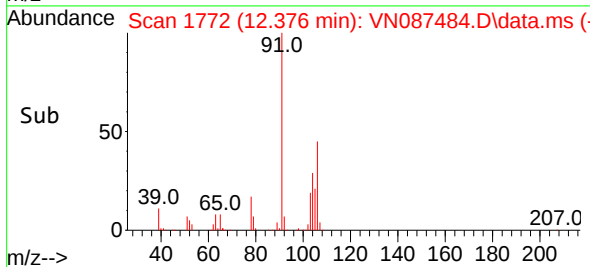
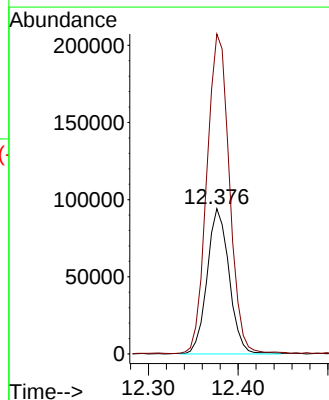
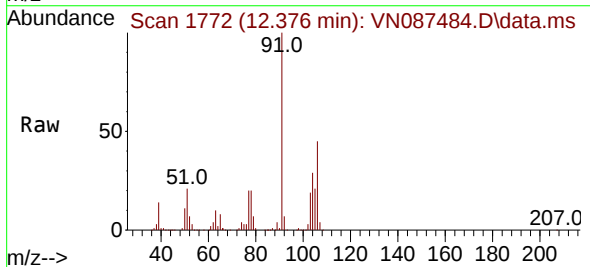
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

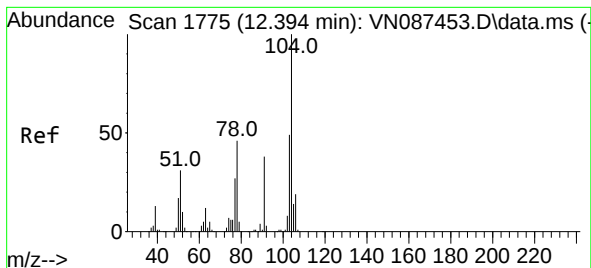
Tgt Ion:106 Resp: 324528
Ion Ratio Lower Upper
106 100
91 216.4 174.2 261.2



#68
o-Xylene
Concen: 21.301 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion:106 Resp: 160575
Ion Ratio Lower Upper
106 100
91 224.7 114.5 343.5





#69

Styrene

Concen: 21.083 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

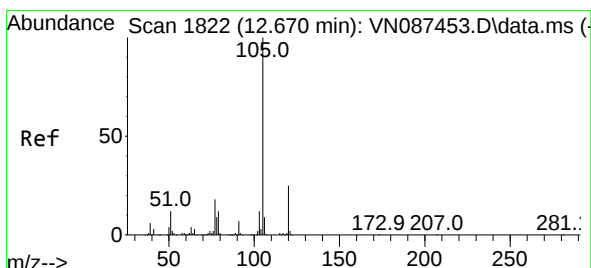
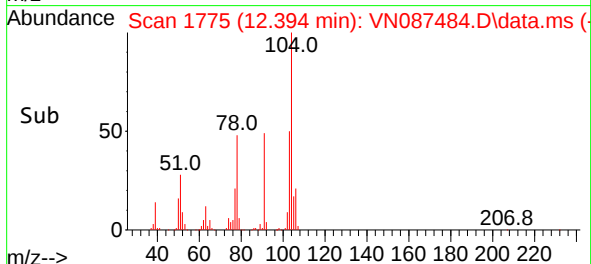
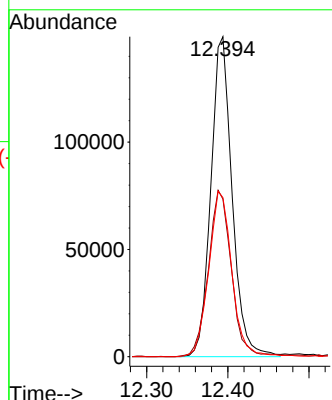
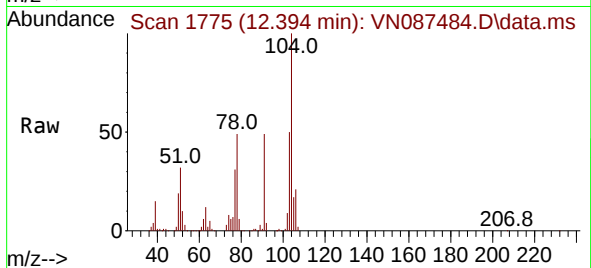
Tgt Ion:104 Resp: 271371

Ion Ratio Lower Upper

104 100

78 55.8 43.8 65.8

103 55.9 43.1 64.7



#70

Isopropylbenzene

Concen: 21.425 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087484.D

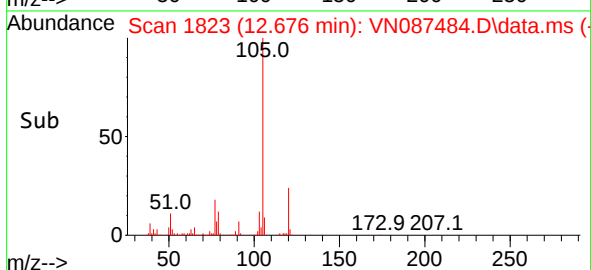
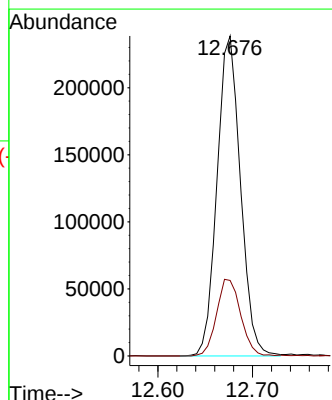
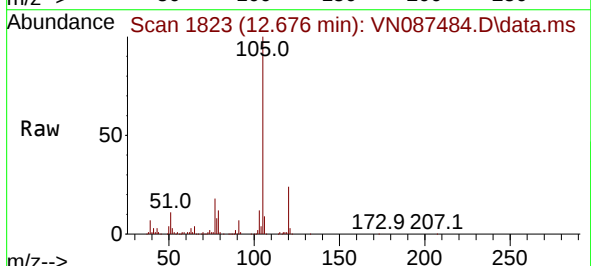
Acq: 07 Aug 2025 10:35

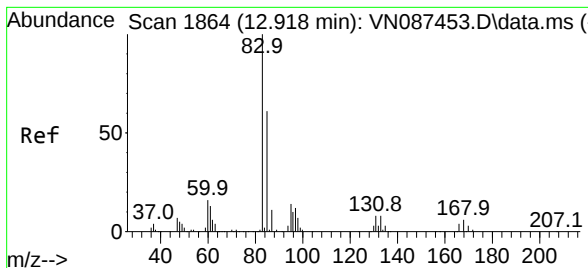
Tgt Ion:105 Resp: 410330

Ion Ratio Lower Upper

105 100

120 24.6 17.5 32.5

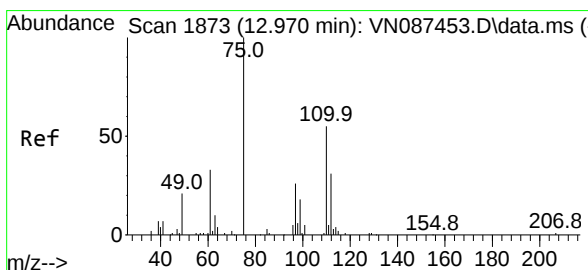
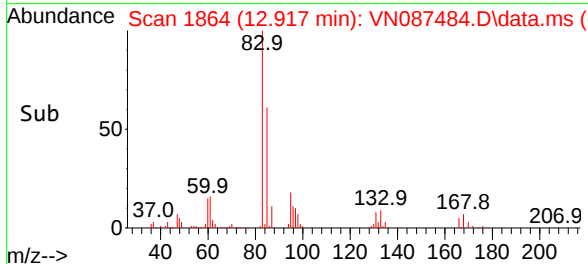
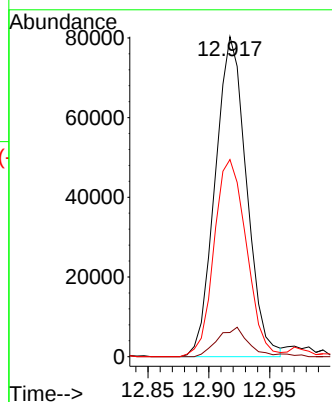
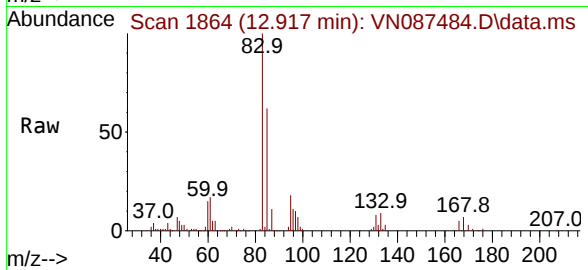




#71
1,1,2,2-Tetrachloroethane
Concen: 21.908 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

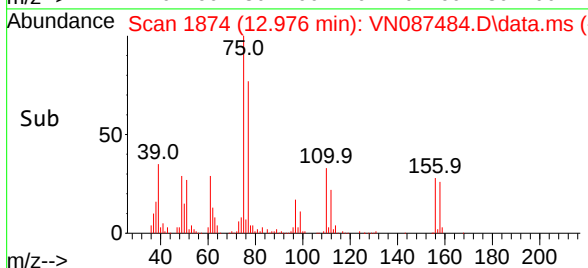
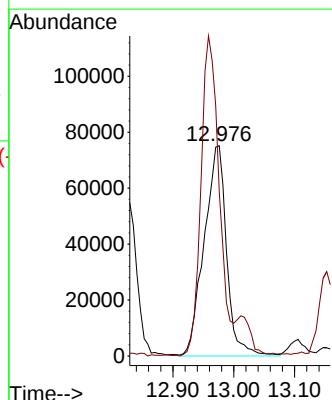
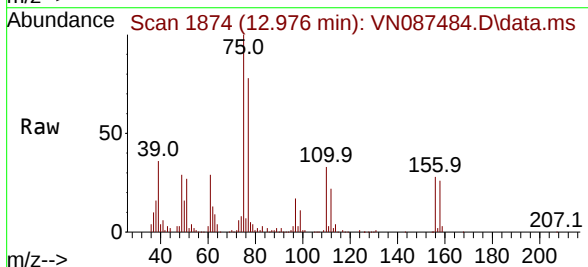
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

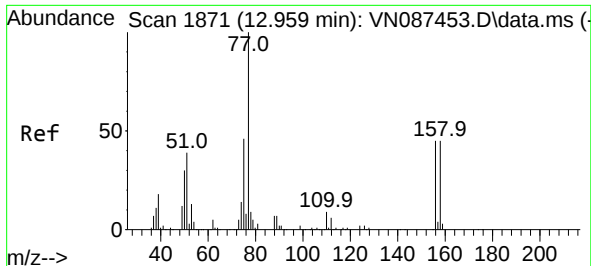
Tgt Ion: 83 Resp: 143758
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 63.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 31.567 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 75 Resp: 192968
Ion Ratio Lower Upper
75 100
77 123.3 0.0 385.0

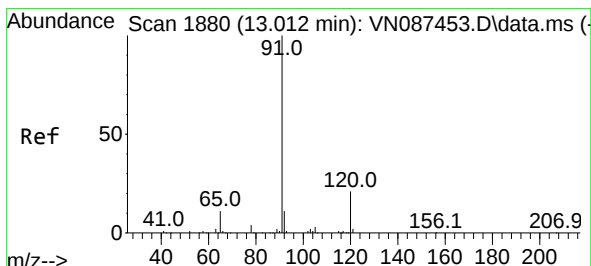
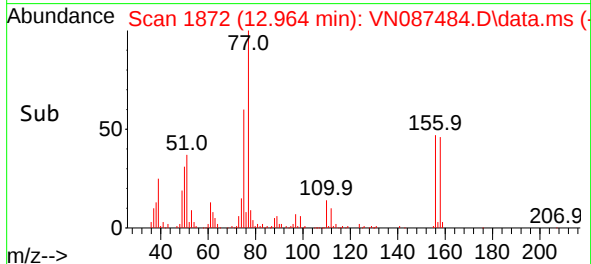
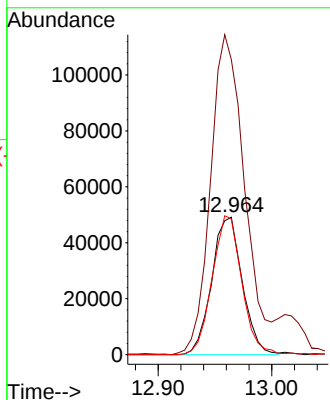
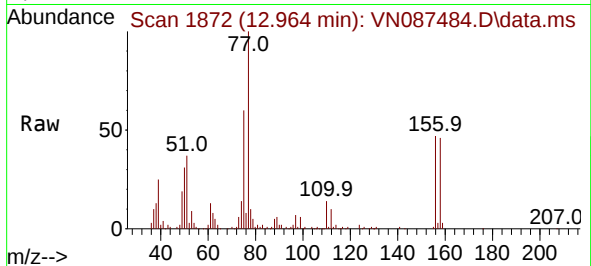




#73
Bromobenzene
Concen: 20.681 ug/l
RT: 12.964 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

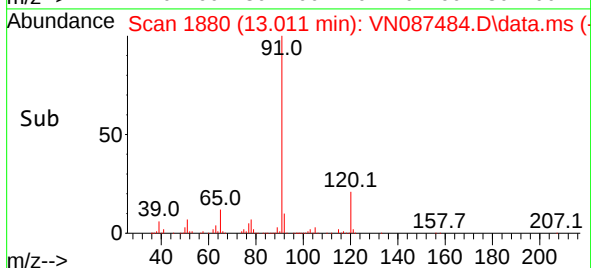
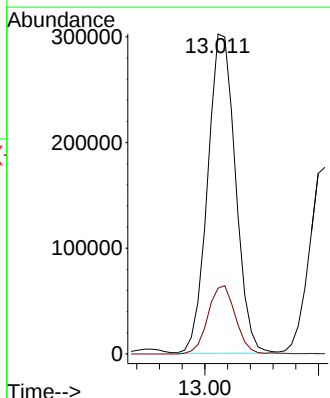
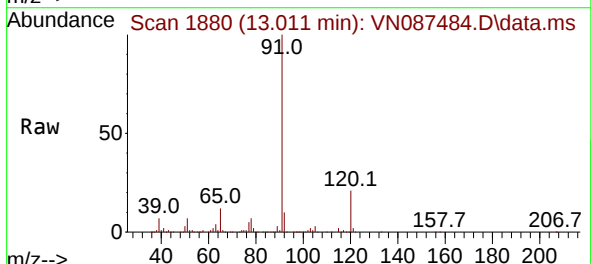
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

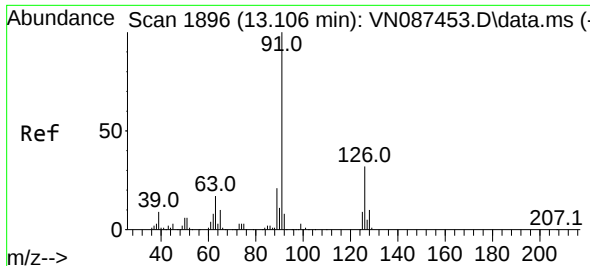
Tgt Ion:156 Resp: 91817
Ion Ratio Lower Upper
156 100
77 259.2 0.0 506.6
158 97.7 0.0 193.6



#74
n-propylbenzene
Concen: 21.460 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 91 Resp: 513292
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8

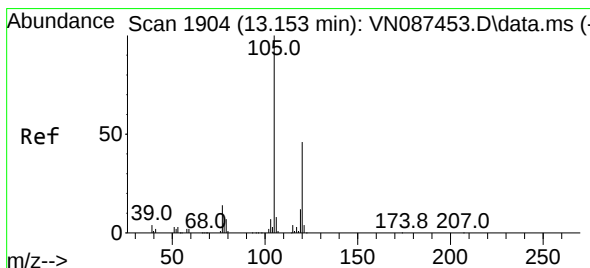
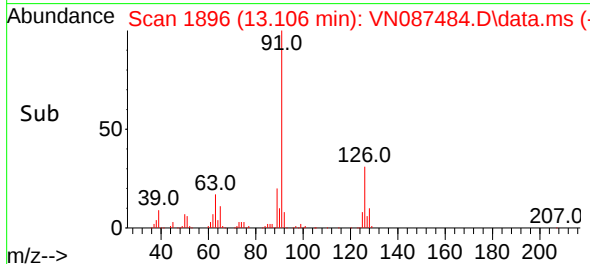
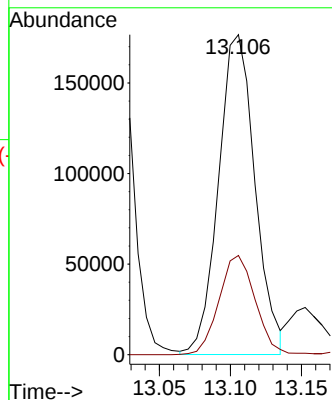
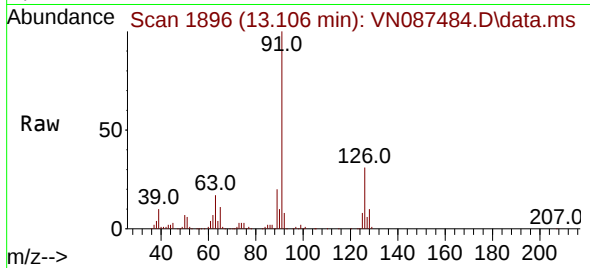




#75
2-Chlorotoluene
Concen: 21.431 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

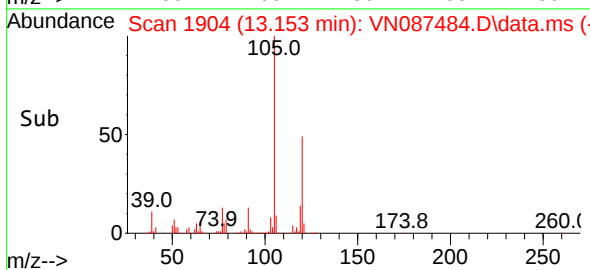
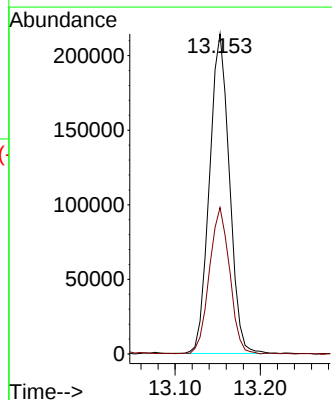
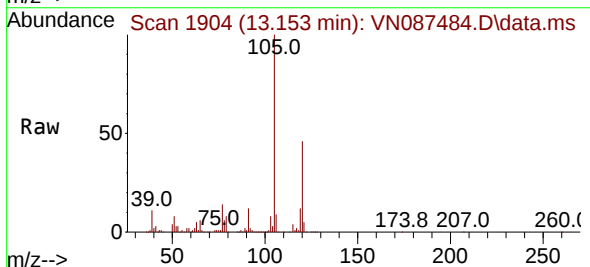
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

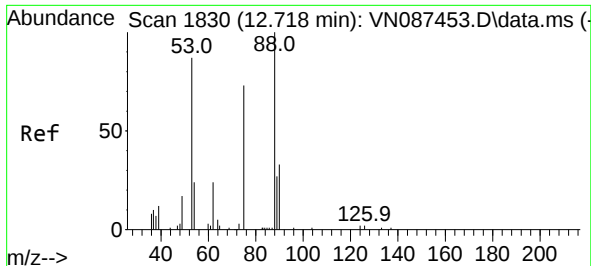
Tgt Ion: 91 Resp: 315308
Ion Ratio Lower Upper
91 100
126 30.7 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 21.246 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 105 Resp: 348393
Ion Ratio Lower Upper
105 100
120 46.7 0.0 91.2

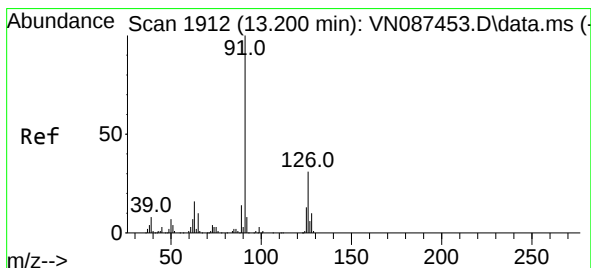
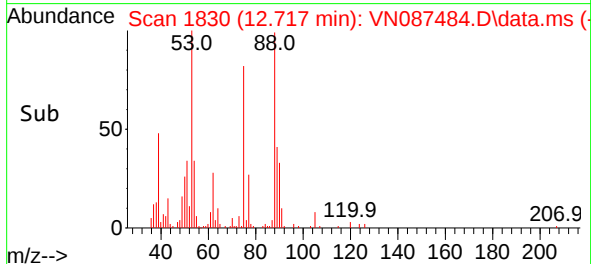
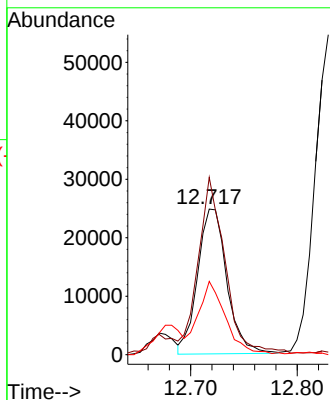
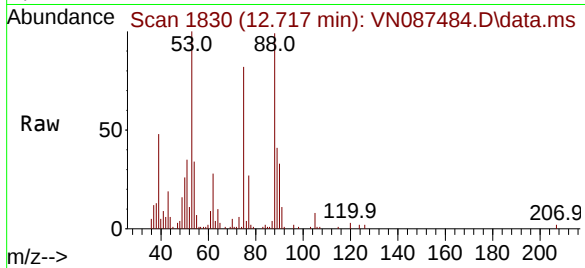




#77
t-1,4-Dichloro-2-butene
Concen: 20.456 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

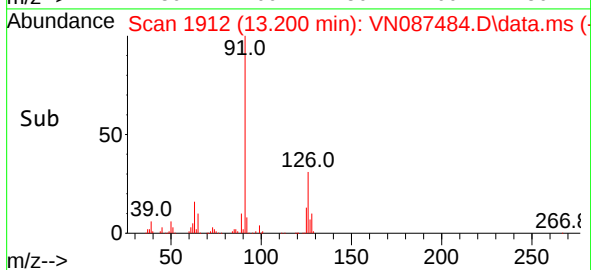
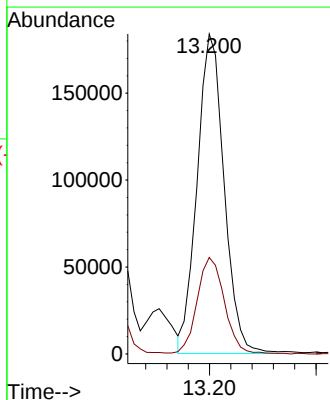
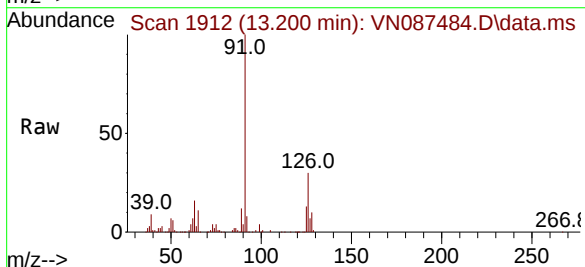
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

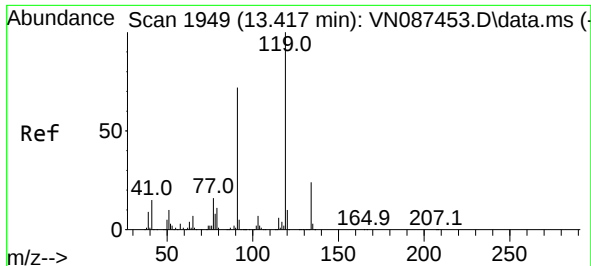
Tgt Ion: 75 Resp: 47337
Ion Ratio Lower Upper
75 100
53 120.5 59.0 176.8
89 49.8 22.1 66.5



#78
4-Chlorotoluene
Concen: 21.709 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 91 Resp: 323678
Ion Ratio Lower Upper
91 100
126 30.7 0.0 63.2

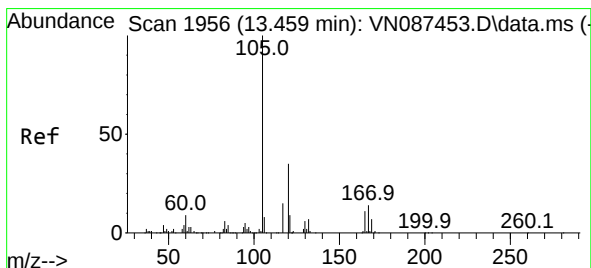
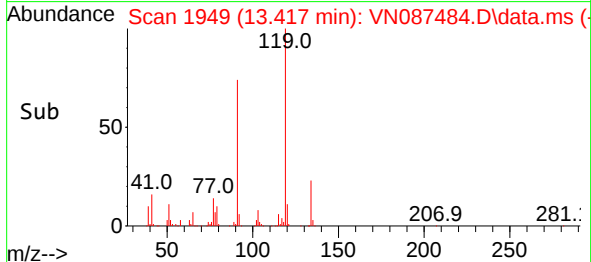
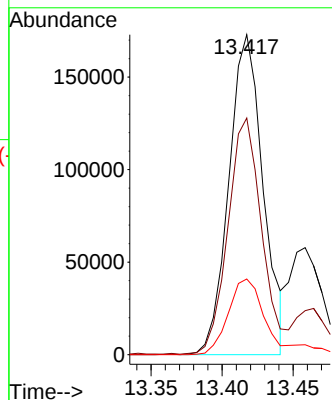
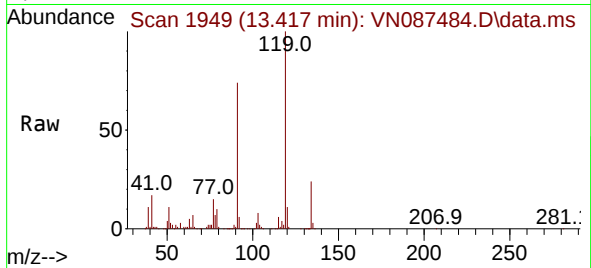




#79
tert-butylbenzene
Concen: 20.992 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

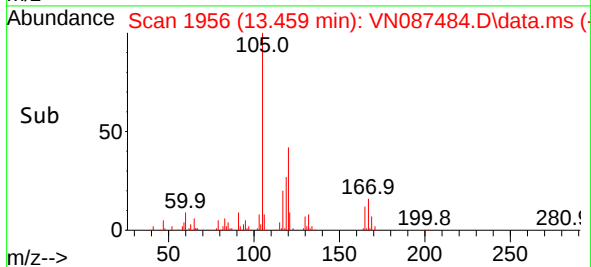
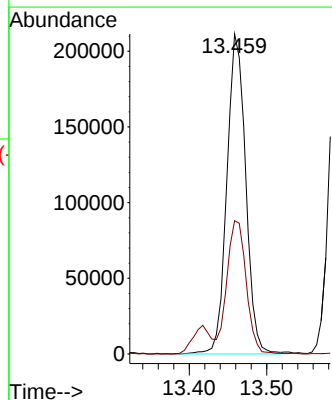
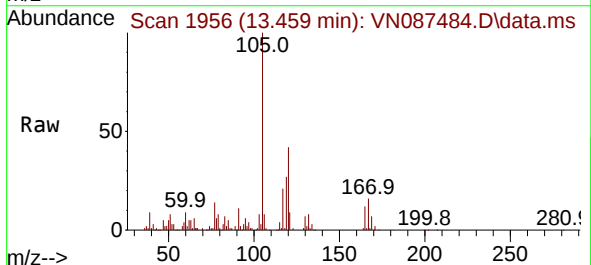
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

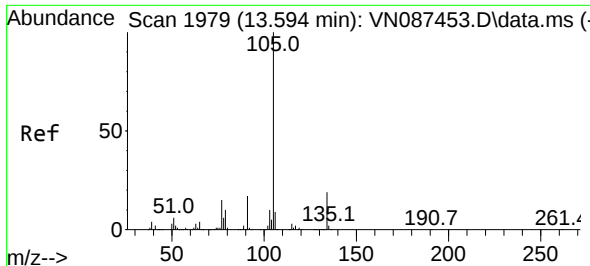
Tgt Ion:119 Resp: 290229
Ion Ratio Lower Upper
119 100
91 73.2 0.0 141.6
134 23.8 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 21.807 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion:105 Resp: 357313
Ion Ratio Lower Upper
105 100
120 41.3 0.0 87.2

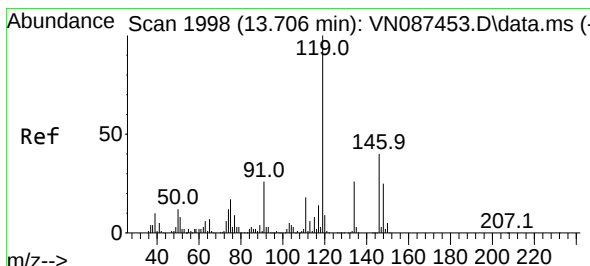
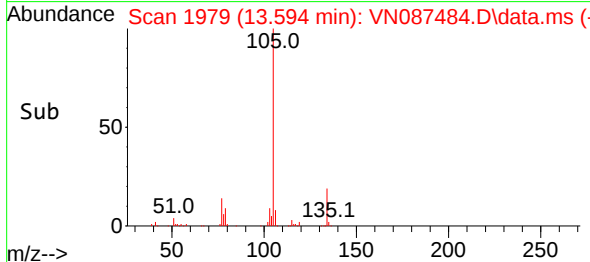
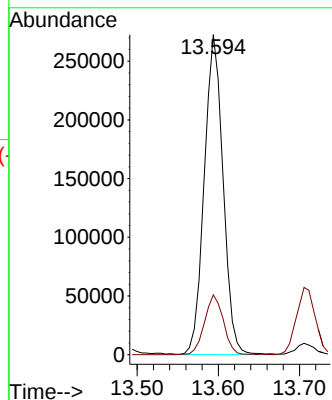
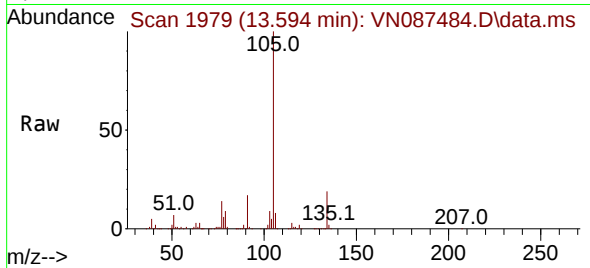




#81
 sec-Butylbenzene
 Concen: 21.795 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

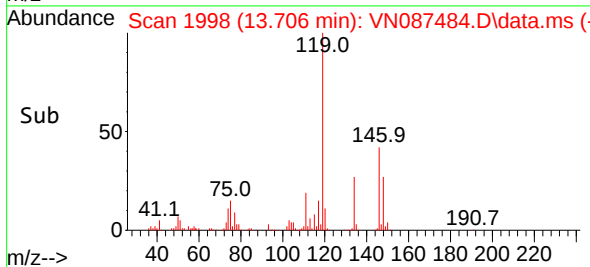
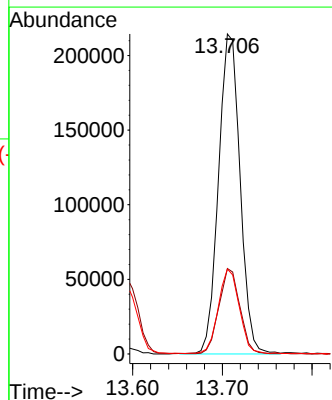
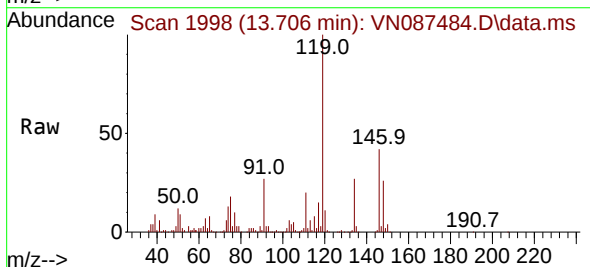
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

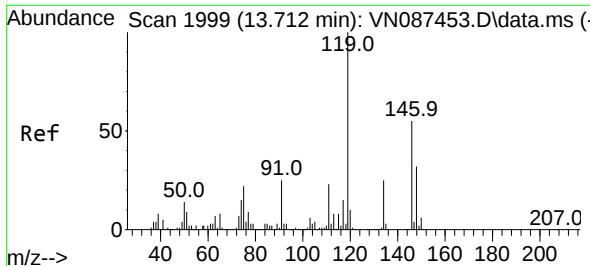
Tgt Ion:105 Resp: 438672
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 21.431 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

Tgt Ion:119 Resp: 358154
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.4
 91 25.6 0.0 52.0





#83

1,3-Dichlorobenzene

Concen: 21.880 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

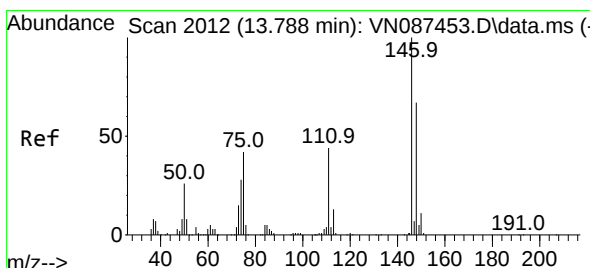
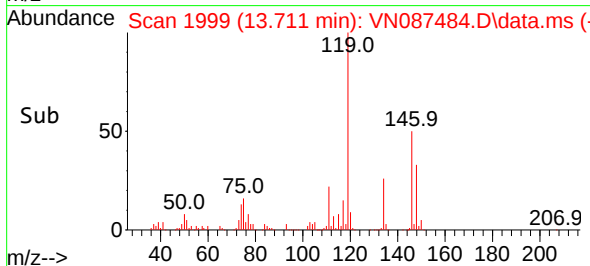
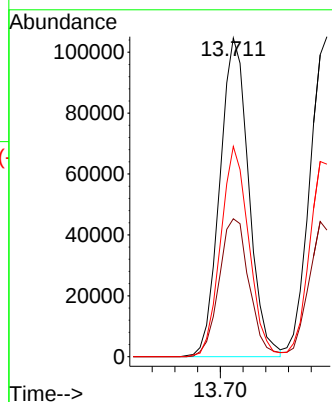
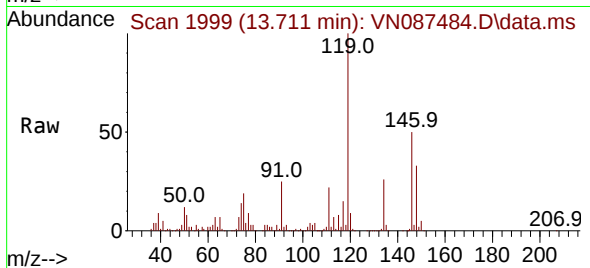
Tgt Ion:146 Resp: 184984

Ion Ratio Lower Upper

146 100

111 45.0 21.9 65.5

148 64.4 31.3 93.9



#84

1,4-Dichlorobenzene

Concen: 21.336 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

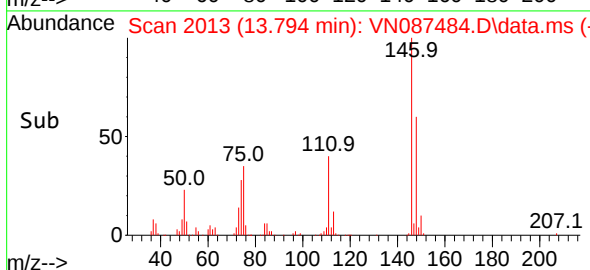
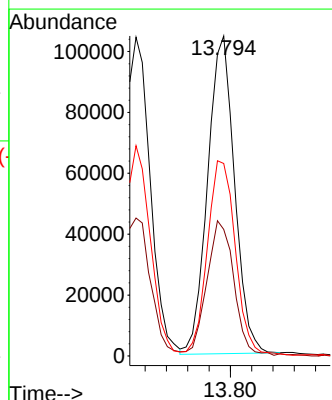
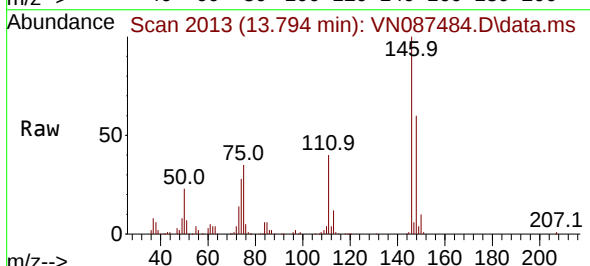
Tgt Ion:146 Resp: 182880

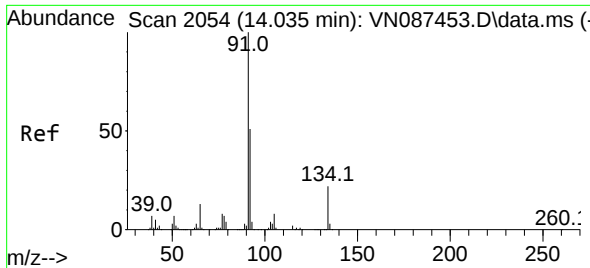
Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 64.2 31.4 94.3

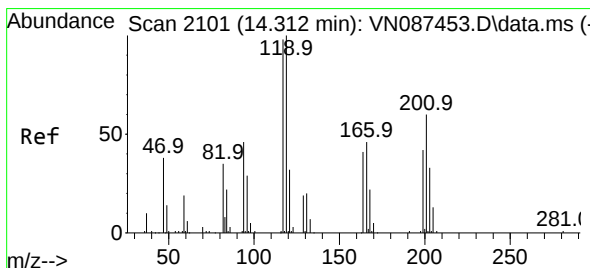
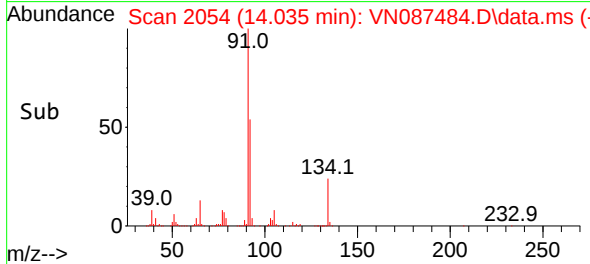
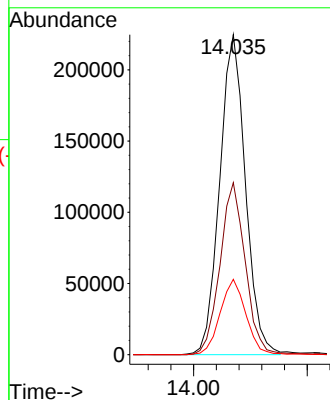
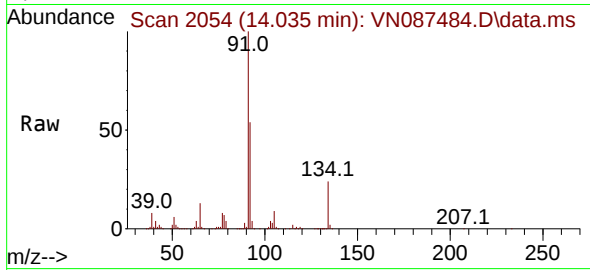




#85
n-Butylbenzene
Concen: 21.613 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

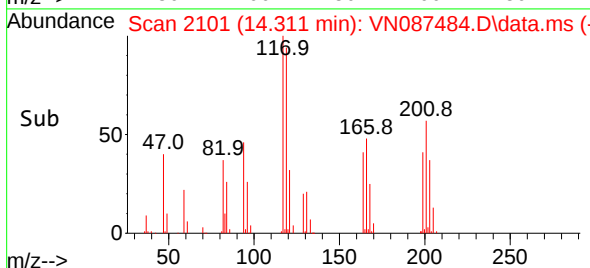
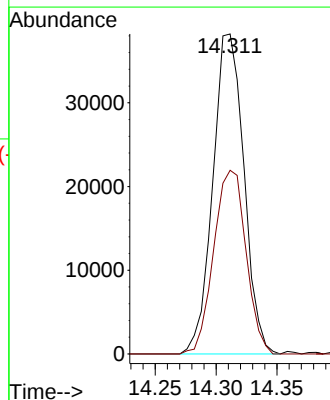
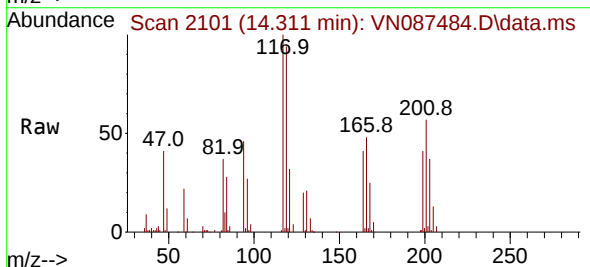
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

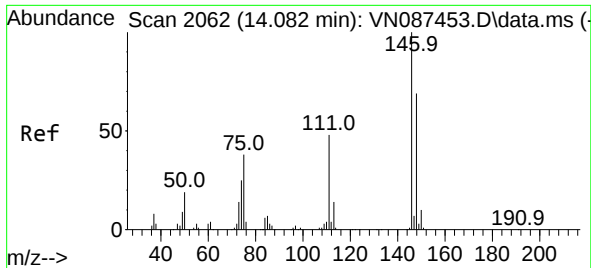
Tgt Ion: 91 Resp: 353381
Ion Ratio Lower Upper
91 100
92 52.8 0.0 106.6
134 23.5 0.0 44.4



#86
Hexachloroethane
Concen: 20.779 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion: 117 Resp: 67812
Ion Ratio Lower Upper
117 100
201 59.5 29.1 87.4

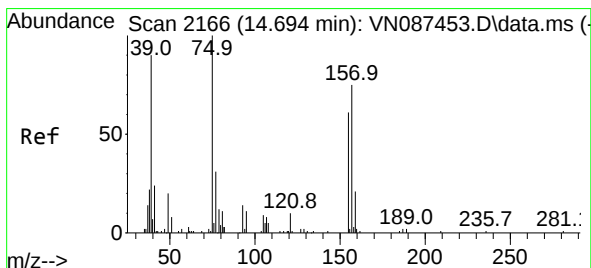
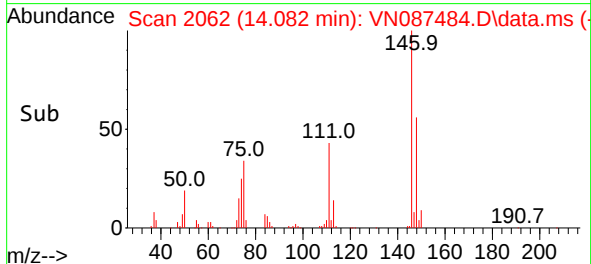
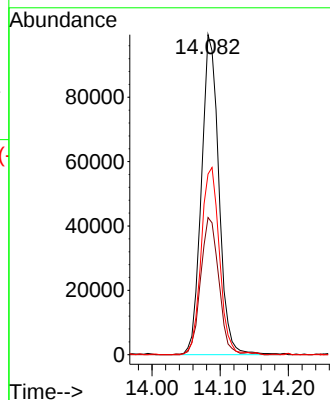
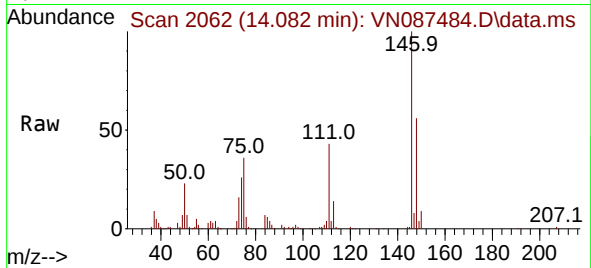




#87
 1,2-Dichlorobenzene
 Concen: 21.894 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

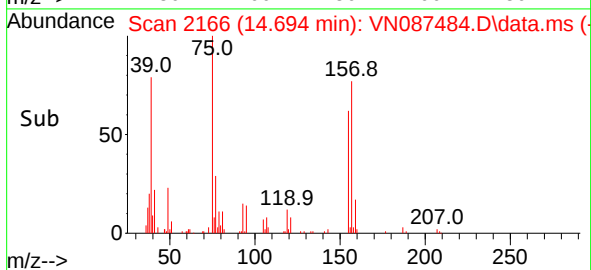
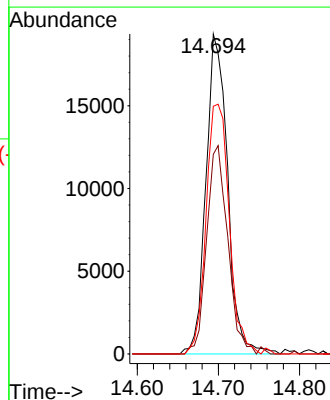
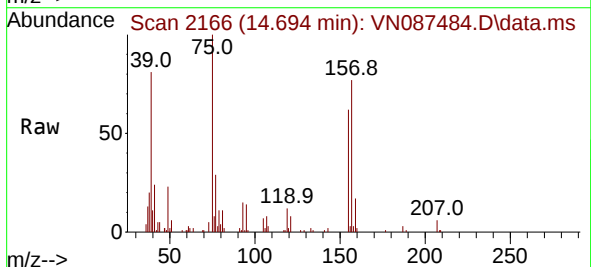
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

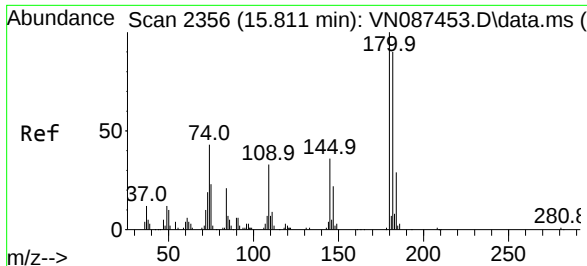
Tgt Ion:146 Resp: 176686
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.9 68.7
 148 61.1 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.439 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087484.D
 Acq: 07 Aug 2025 10:35

Tgt Ion: 75 Resp: 35639
 Ion Ratio Lower Upper
 75 100
 155 63.9 55.7 83.5
 157 83.8 65.8 98.6

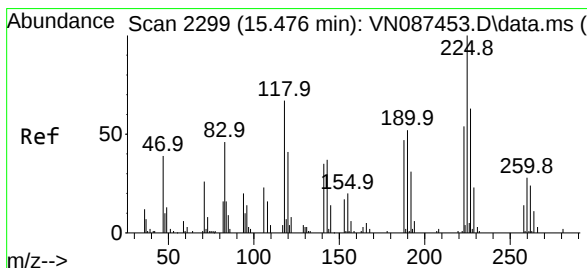
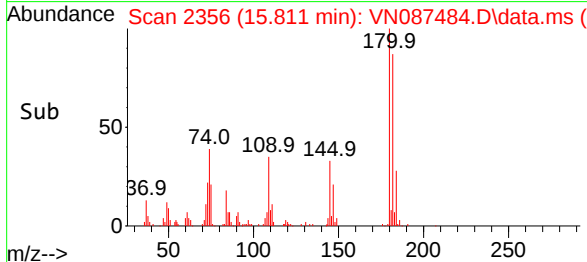
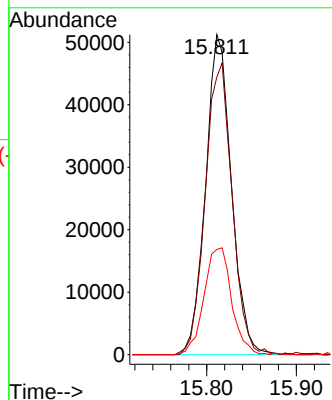
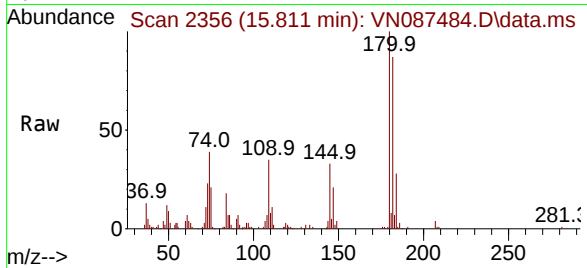




#89
1,2,4-Trichlorobenzene
Concen: 21.229 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

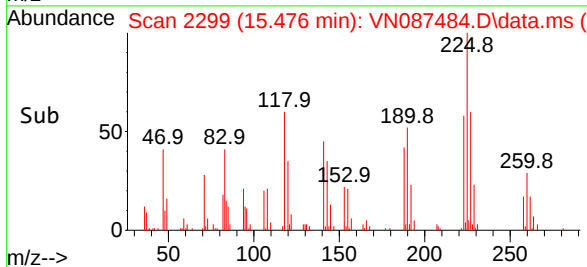
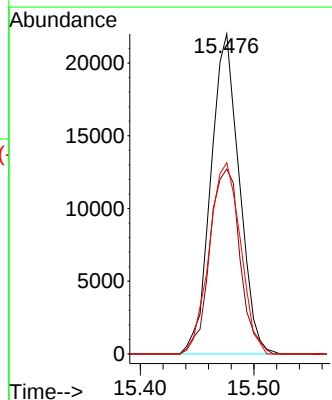
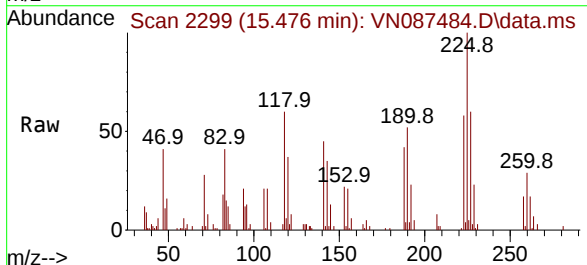
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBS01

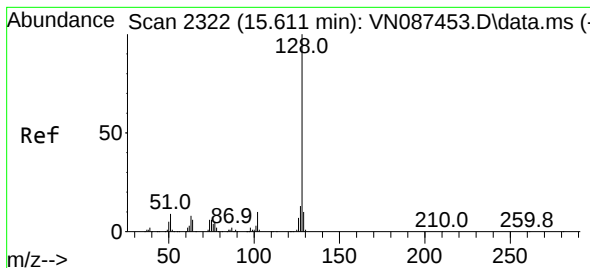
Tgt Ion:180 Resp: 102386
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.4
145 35.7 28.6 43.0



#90
Hexachlorobutadiene
Concen: 20.373 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087484.D
Acq: 07 Aug 2025 10:35

Tgt Ion:225 Resp: 38208
Ion Ratio Lower Upper
225 100
223 61.7 0.0 116.0
227 65.6 0.0 127.0





#91

Naphthalene

Concen: 20.855 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBS01

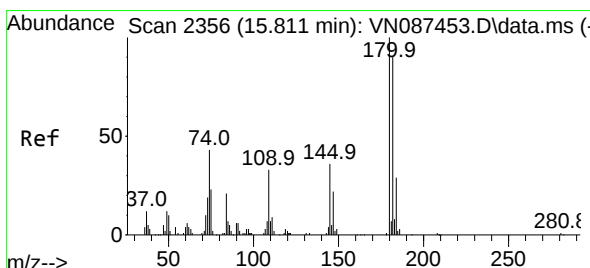
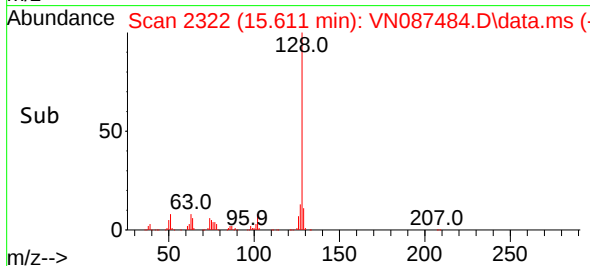
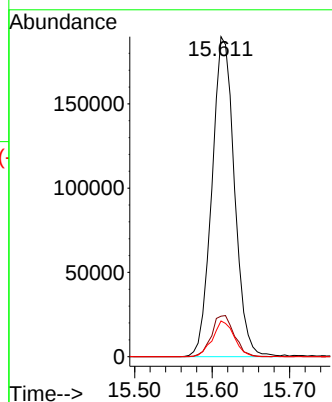
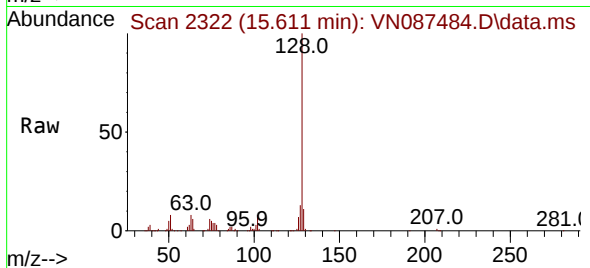
Tgt Ion:128 Resp: 383520

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 21.229 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087484.D

Acq: 07 Aug 2025 10:35

Tgt Ion:180 Resp: 102386

Ion Ratio Lower Upper

180 100

182 93.9 0.0 187.4

145 35.7 0.0 71.6

