

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087409.D
 Acq On : 24 Jul 2025 09:50
 Operator : JC\MD
 Sample : VN0724WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 04:51:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	28734	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	140533	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	134021	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	71801	30.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.000%
60) 4-Bromofluorobenzene	12.829	95	62708	28.045	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.500%
63) Toluene-d8	10.547	98	179667	29.478	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33446	19.023	ug/l	92
3) Chloromethane	2.595	50	1925	1.102	ug/l	92
4) Vinyl Chloride	2.542	62	36335	18.879	ug/l	96
5) Bromomethane	2.989	94	24665	20.710	ug/l #	80
6) Chloroethane	3.142	64	28476	19.252	ug/l	91
7) Trichlorofluoromethane	3.512	101	63794	19.490	ug/l	91
8) Diethyl Ether	3.959	74	25533	19.597	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	33608	19.375	ug/l	94
10) 1,1-Dichloroethene	4.342	96	20506	11.387	ug/l	91
11) Methyl Iodide	4.577	142	14087	10.723	ug/l	84
12) Methyl Acetate	5.018	43	44153	18.849	ug/l #	90
13) Acrolein	4.177	56	51418	120.743	ug/l	98
14) Acrylonitrile	5.706	53	99955	93.439	ug/l	96
15) Acetone	4.424	58	42180	111.684	ug/l	94
16) Carbon Disulfide	4.695	76	85712	18.429	ug/l	99
17) Allyl chloride	5.006	41	19471	7.892	ug/l	90
18) Methylene Chloride	5.265	84	34275	18.805	ug/l #	89
19) trans-1,2-Dichloroethene	5.777	96	31831	17.998	ug/l	97
20) Diisopropyl ether	6.659	45	108184	17.342	ug/l	92
21) 1,1-Dichloroethane	6.559	63	62093	18.635	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	38102	18.393	ug/l #	71
23) tert-Butyl Alcohol	5.518	59	35959	98.082	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	108879	18.708	ug/l	100
25) Chloroform	7.953	83	68977	18.901	ug/l	88
26) Cyclohexane	8.242	56	44167	17.780	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	42076	17.549	ug/l	99
30) 2-Butanone	7.477	43	143766	88.044	ug/l	99
31) 2,2-Dichloropropane	7.483	77	56927	18.079	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	57004	18.165	ug/l	99
33) Carbon Tetrachloride	8.347	117	50446	18.505	ug/l	91
34) Benzene	8.589	78	136135	17.580	ug/l	94
35) Methacrylonitrile	7.759	41	28105	16.367	ug/l	94
36) 1,2-Dichloroethane	8.647	62	55263	18.090	ug/l #	94
37) Trichloroethene	9.336	130	33012	18.680	ug/l	98
38) Methylcyclohexane	9.583	83	44787	17.670	ug/l	95
39) 1,2-Dichloropropane	9.600	63	35944	18.476	ug/l	93
40) Dibromomethane	9.694	93	27101	18.006	ug/l	98
41) Bromodichloromethane	9.871	83	54693	18.302	ug/l	98
42) Vinyl Acetate	6.595	43	474990	85.871	ug/l	100

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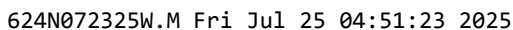
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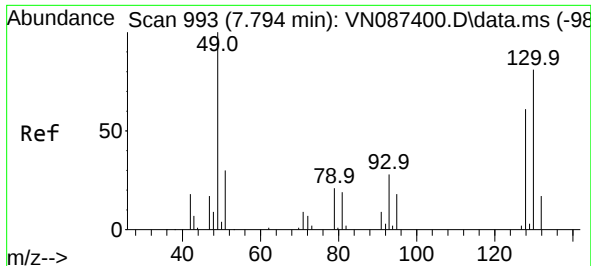
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	58892	17.716	ug/l #	80
44) Isopropyl Acetate	8.671	43	91225	17.383	ug/l	98
45) 1,4-Dioxane	9.683	88	11606	358.951	ug/l #	66
46) Methyl methacrylate	9.665	41	41556	17.195	ug/l	97
47) n-amyl Acetate	12.518	43	12729	4.047	ug/l #	59
48) t-1,3-Dichloropropene	10.818	75	56118	17.603	ug/l	91
49) cis-1,3-Dichloropropene	10.294	75	56612	17.756	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	34907	17.958	ug/l	96
51) Ethyl methacrylate	10.859	69	50549	17.005	ug/l	99
52) 1,3-Dichloropropane	11.141	76	57905	17.326	ug/l	99
53) Dibromochloromethane	11.341	129	40545	17.796	ug/l	98
54) 1,2-Dibromoethane	11.453	107	35134	17.633	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	150336	90.913	ug/l	100
56) Bromoform	12.559	173	26960	16.638	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	291631	88.989	ug/l	99
59) 2-Hexanone	11.182	43	191011	86.352	ug/l	100
61) Tetrachloroethene	11.082	164	26439	17.666	ug/l #	84
62) Toluene	10.612	91	143671	17.602	ug/l	99
64) Chlorobenzene	11.871	112	93247	17.869	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.941	131	35064	18.387	ug/l	96
66) Ethyl Benzene	11.941	91	153692	17.393	ug/l	98
67) m/p-Xylenes	12.053	106	122019	34.893	ug/l	100
68) o-Xylene	12.382	106	57608	17.174	ug/l	99
69) Styrene	12.394	104	99727	17.088	ug/l	98
70) Isopropylbenzene	12.677	105	141677	16.770	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.918	83	50724	17.068	ug/l	93
72) 1,2,3-Trichloropropane	12.976	75	67951	25.593	ug/l	58
73) Bromobenzene	12.959	156	38397	17.461	ug/l	97
74) n-propylbenzene	13.018	91	182425	17.099	ug/l	100
75) 2-Chlorotoluene	13.106	91	108786	16.977	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	123324	16.782	ug/l	98
77) t-1,4-Dichloro-2-butene	12.724	75	15639	14.739	ug/l #	75
78) 4-Chlorotoluene	13.200	91	116219	17.006	ug/l	97
79) tert-butylbenzene	13.418	119	101421	16.251	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	124854	16.644	ug/l	100
81) sec-Butylbenzene	13.594	105	151101	16.776	ug/l	99
82) p-Isopropyltoluene	13.706	119	127233	16.459	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	76643	17.299	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	75501	17.264	ug/l	97
85) n-Butylbenzene	14.035	91	116471	16.359	ug/l	99
86) Hexachloroethane	14.306	117	25307	16.823	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	70930	17.003	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11952	17.285	ug/l #	88
89) 1,2,4-Trichlorobenzene	15.812	180	41171	17.109	ug/l	97
90) Hexachlorobutadiene	15.476	225	17392	17.522	ug/l	95
91) Naphthalene	15.617	128	130313	16.270	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	41171	17.109	ug/l	97

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

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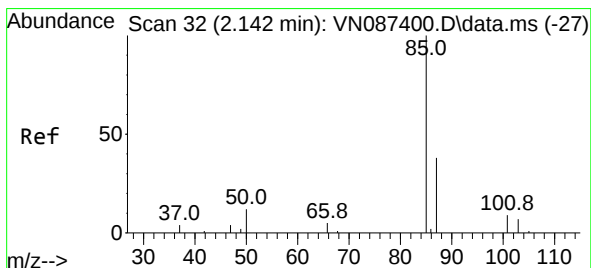
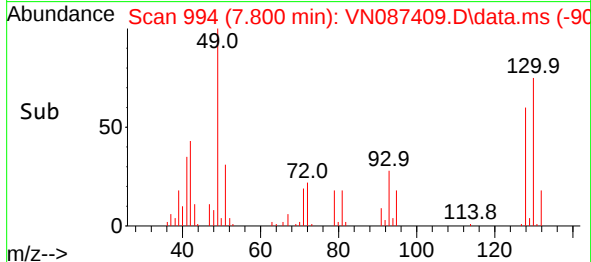
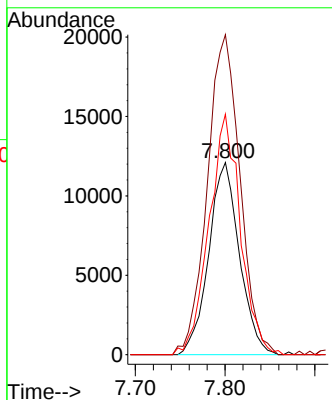
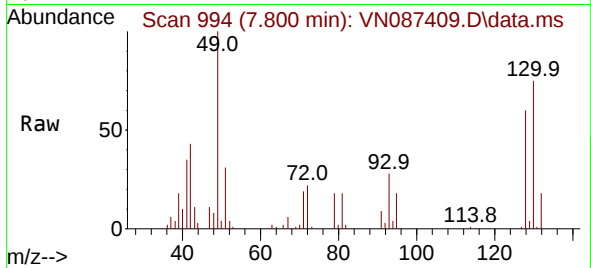




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

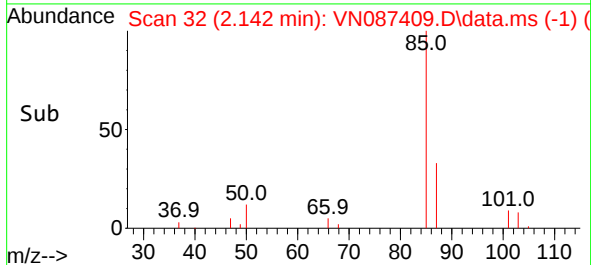
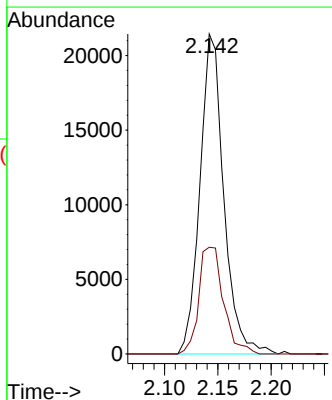
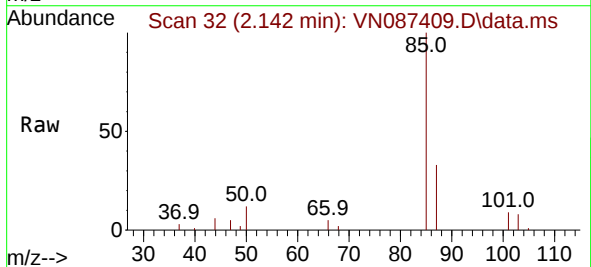
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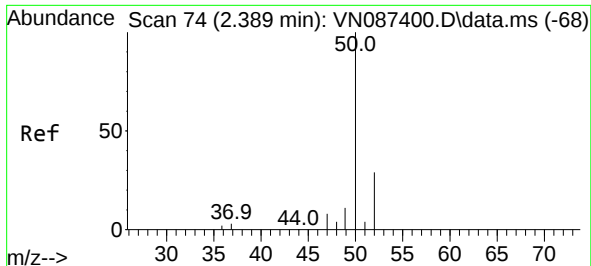
Tgt Ion:128 Resp: 28734
Ion Ratio Lower Upper
128 100
49 177.5 0.0 446.2
130 128.2 0.0 331.0



#2
Dichlorodifluoromethane
Concen: 19.023 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 85 Resp: 33446
Ion Ratio Lower Upper
85 100
87 33.4 18.9 56.9

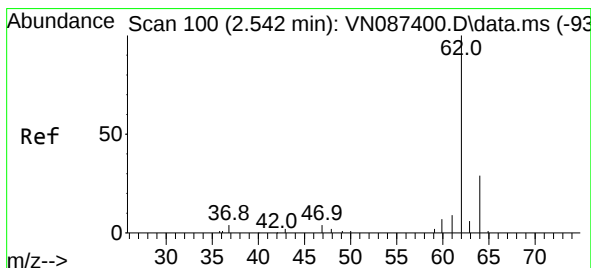
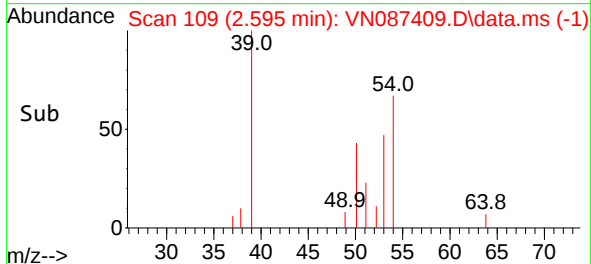
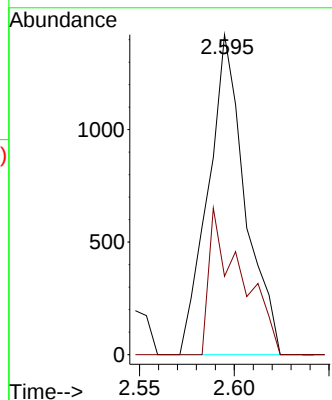
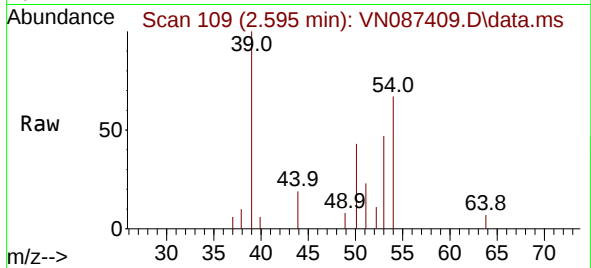




#3
Chloromethane
Concen: 1.102 ug/l
RT: 2.595 min Scan# 109
Delta R.T. 0.206 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

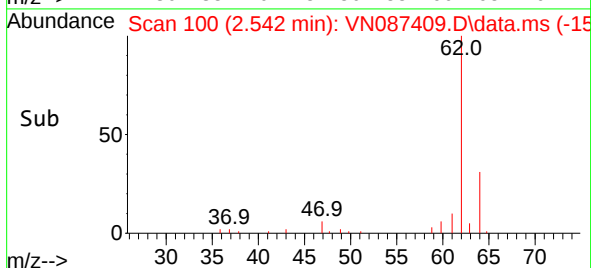
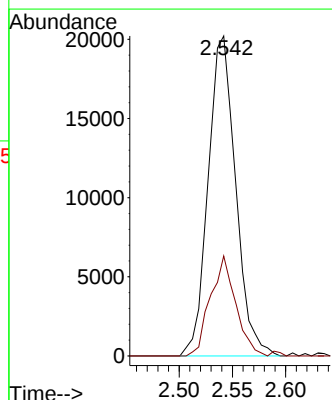
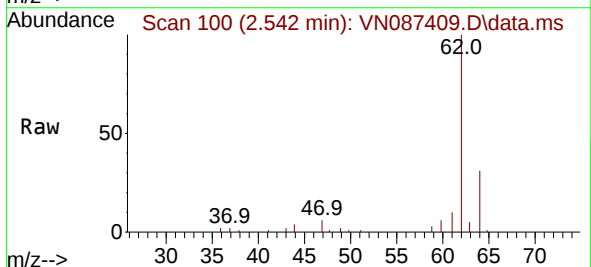
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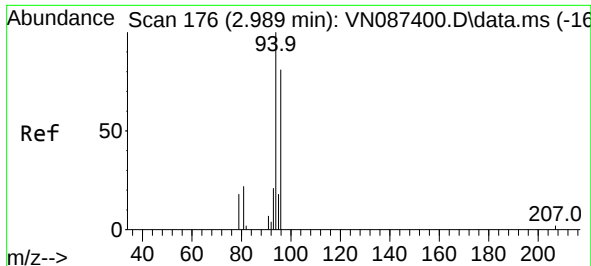
Tgt Ion: 50 Resp: 1925
Ion Ratio Lower Upper
50 100
52 24.5 23.2 34.8



#4
Vinyl Chloride
Concen: 18.879 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 62 Resp: 36335
Ion Ratio Lower Upper
62 100
64 31.3 23.2 34.8

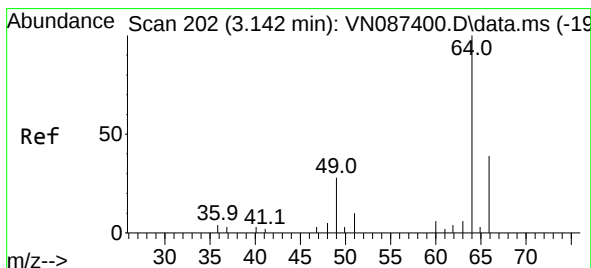
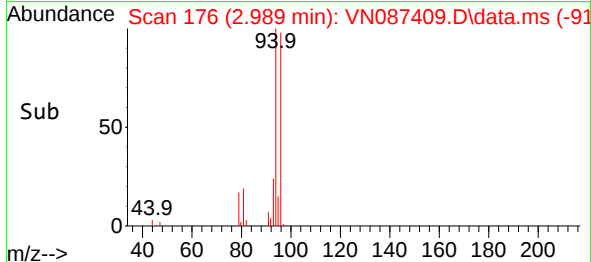
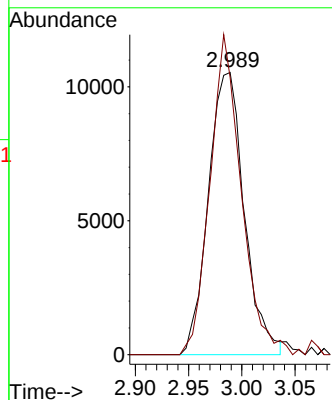
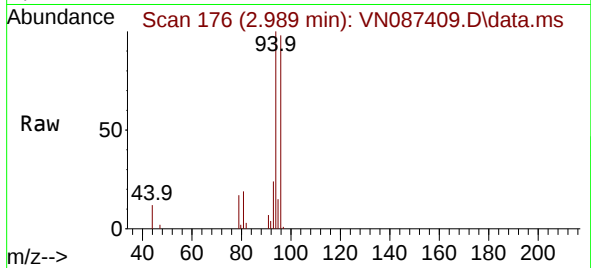




#5
Bromomethane
Concen: 20.710 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

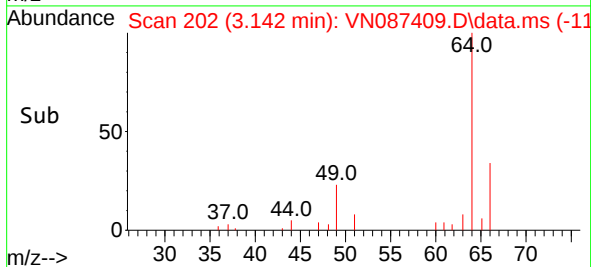
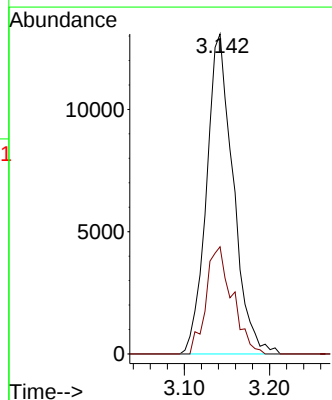
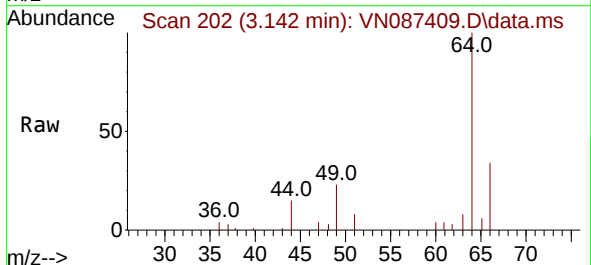
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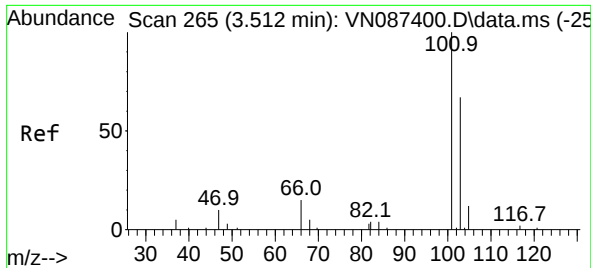
Tgt Ion: 94 Resp: 24665
Ion Ratio Lower Upper
94 100
96 98.2 64.6 96.8#



#6
Chloroethane
Concen: 19.252 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 64 Resp: 28476
Ion Ratio Lower Upper
64 100
66 33.5 31.4 47.2

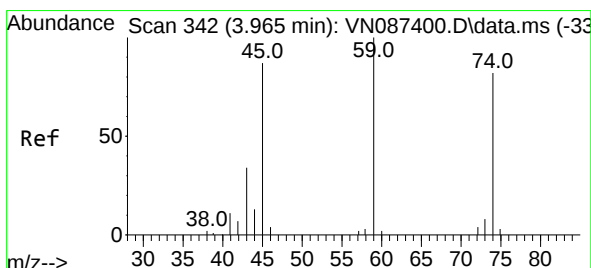
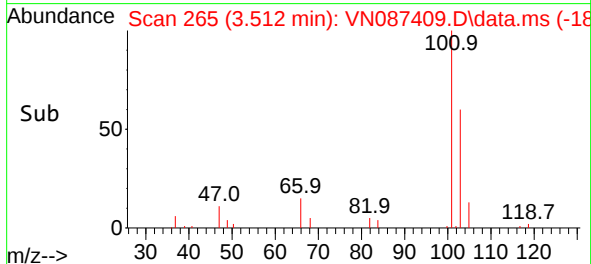
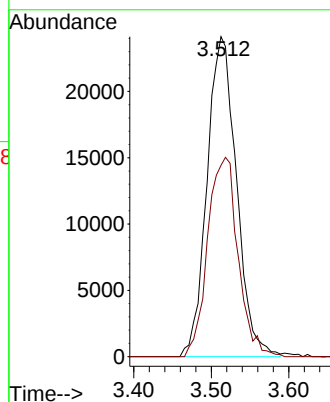
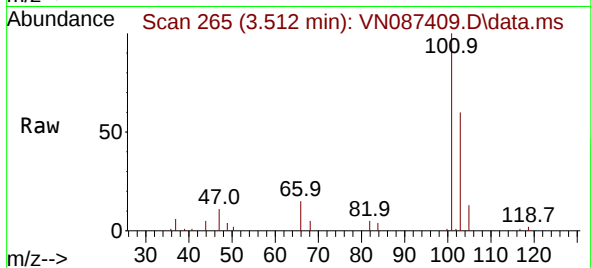




#7
 Trichlorofluoromethane
 Concen: 19.490 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087409.D
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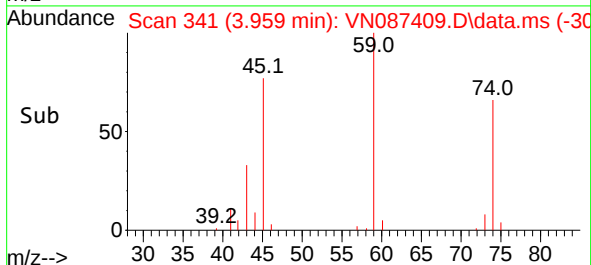
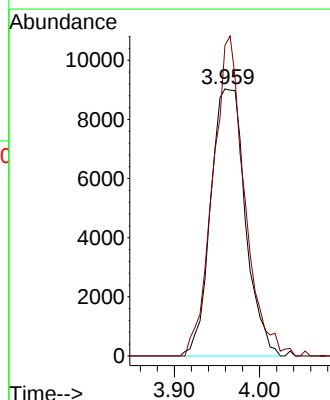
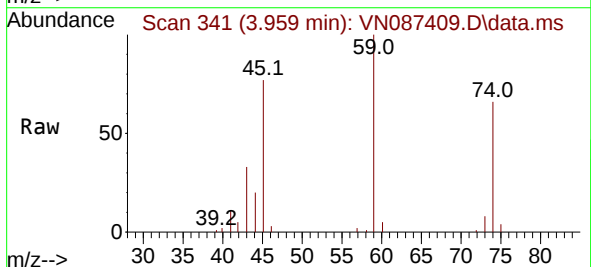
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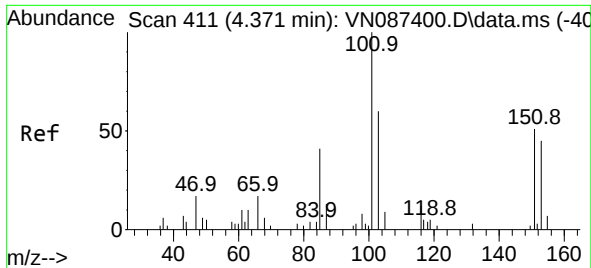
Tgt Ion:101 Resp: 63794
 Ion Ratio Lower Upper
 101 100
 103 59.8 53.7 80.5



#8
 Diethyl Ether
 Concen: 19.597 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

Tgt Ion: 74 Resp: 25533
 Ion Ratio Lower Upper
 74 100
 45 107.4 21.4 192.8

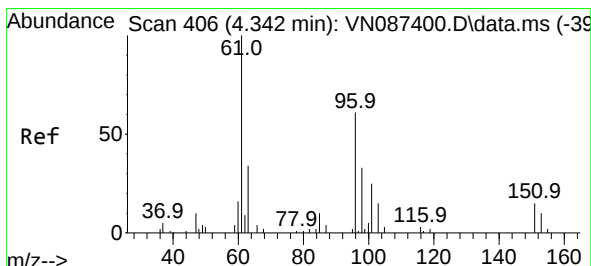
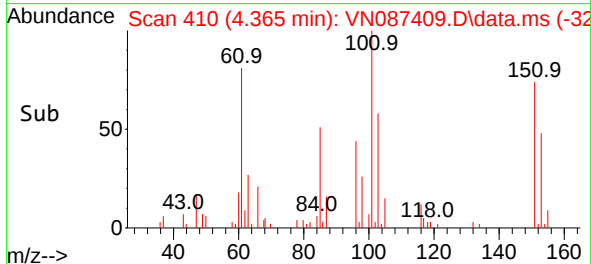
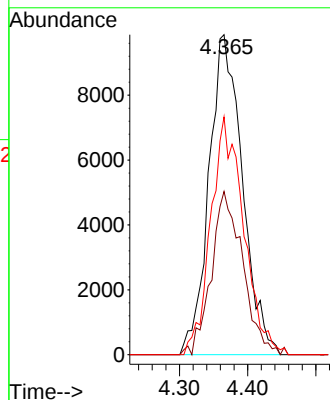
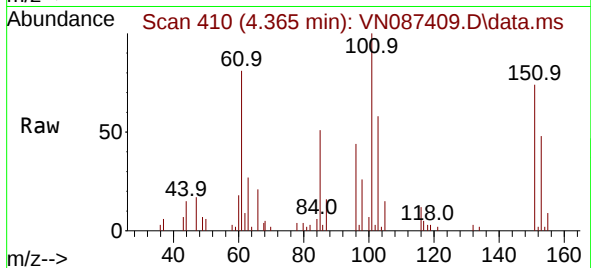




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.375 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087409.D
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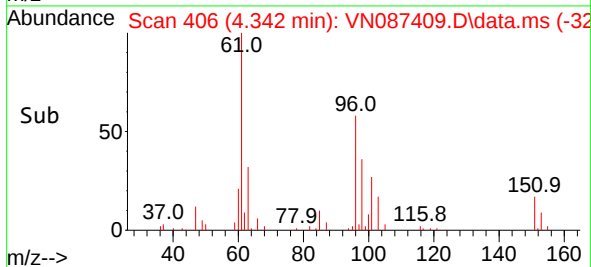
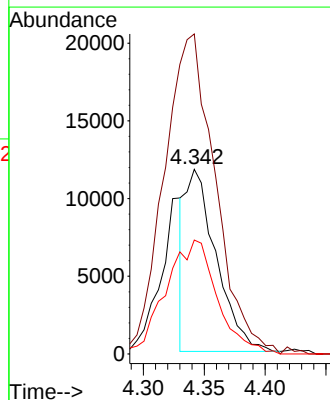
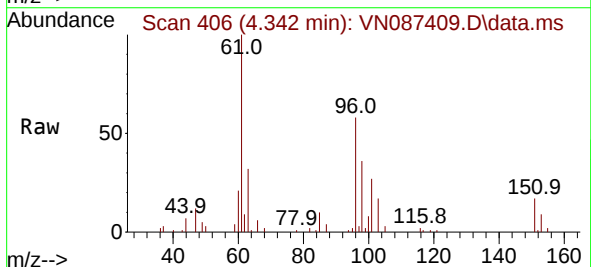
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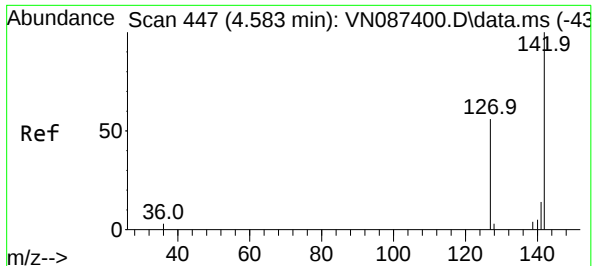
Tgt Ion:101 Resp: 33608
 Ion Ratio Lower Upper
 101 100
 85 47.5 0.0 94.8
 151 40.0 0.0 64.8



#10
 1,1-Dichloroethene
 Concen: 11.387 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

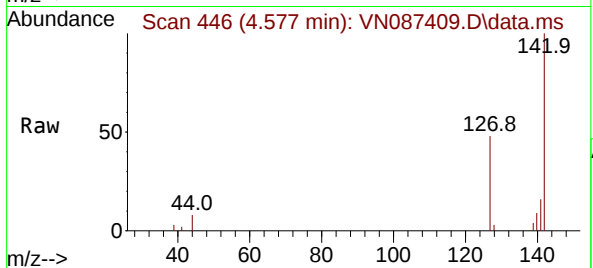
Tgt Ion: 96 Resp: 20506
 Ion Ratio Lower Upper
 96 100
 61 175.7 131.8 197.8
 98 62.6 43.0 64.4



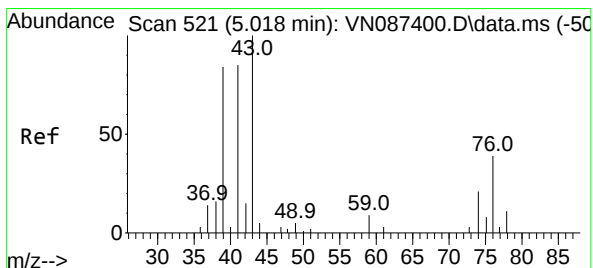
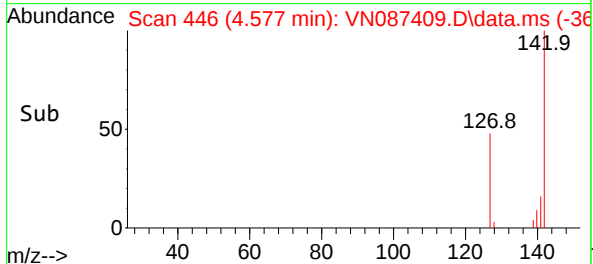
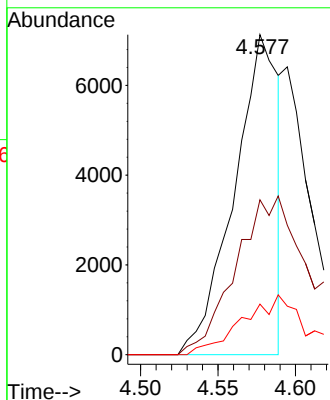


#11
Methyl Iodide
Concen: 10.723 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :

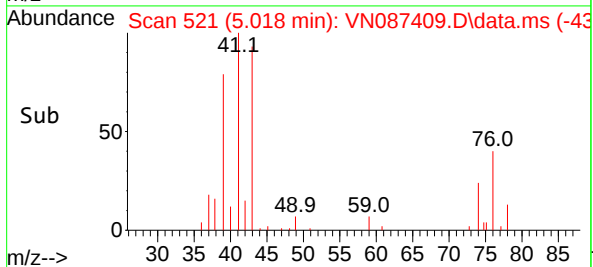
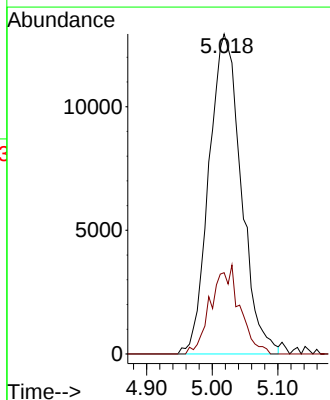
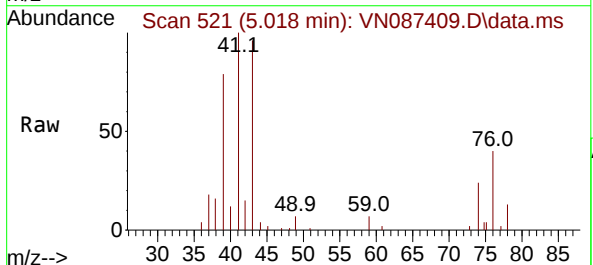


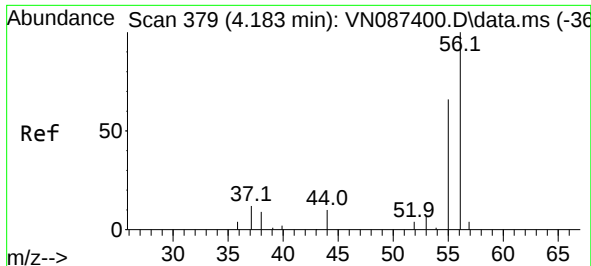
Tgt Ion:142 Resp: 14087
Ion Ratio Lower Upper
142 100
127 41.9 27.7 83.0
141 11.4 7.2 21.6



#12
Methyl Acetate
Concen: 18.849 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 43 Resp: 44153
Ion Ratio Lower Upper
43 100
74 25.7 16.9 25.3#

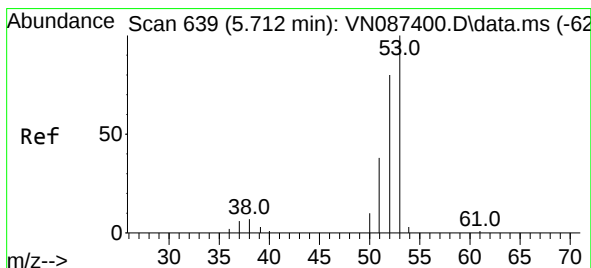
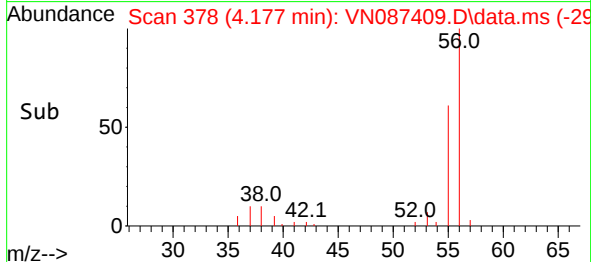
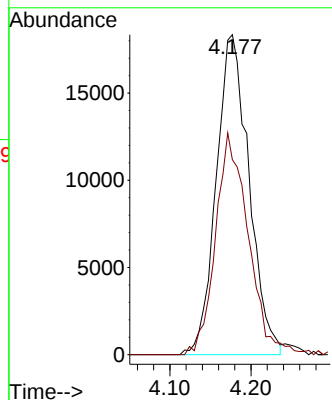
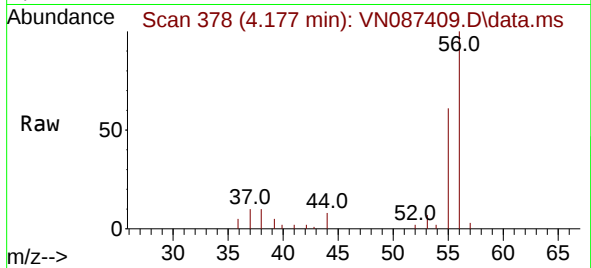




#13
Acrolein
Concen: 120.743 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

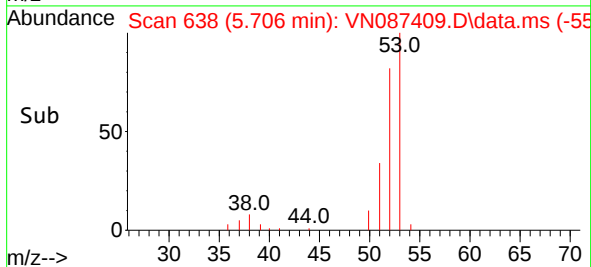
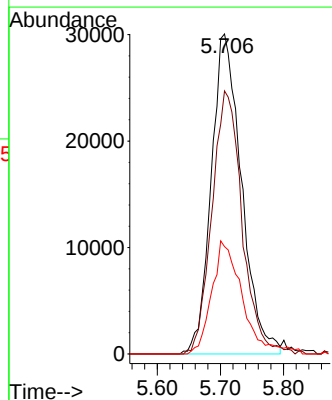
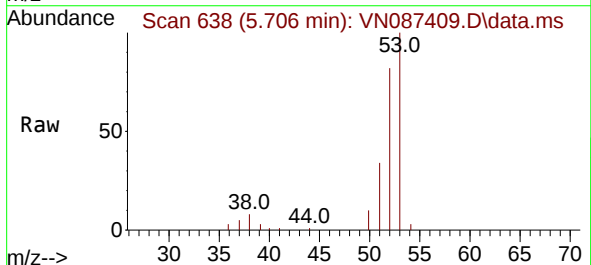
Instrument :
MSVOA_N
ClientSampleId :

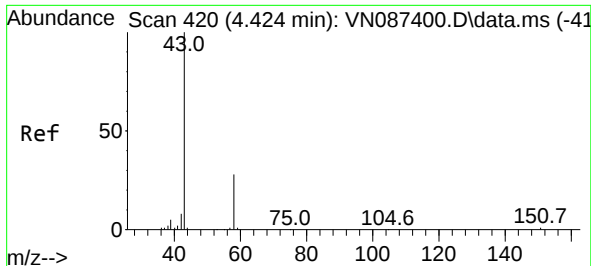
Tgt Ion: 56 Resp: 51418
Ion Ratio Lower Upper
56 100
55 69.1 56.8 85.2



#14
Acrylonitrile
Concen: 93.439 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 53 Resp: 99955
Ion Ratio Lower Upper
53 100
52 80.8 41.5 124.6
51 33.9 19.4 58.4

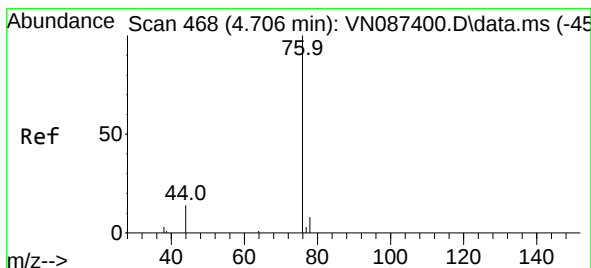
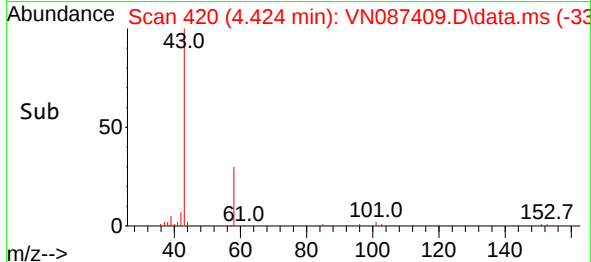
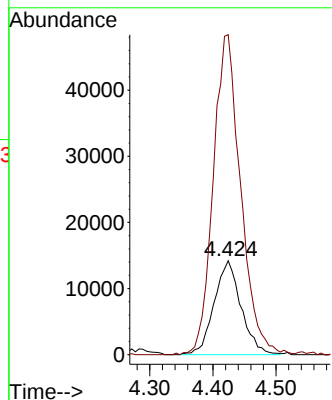
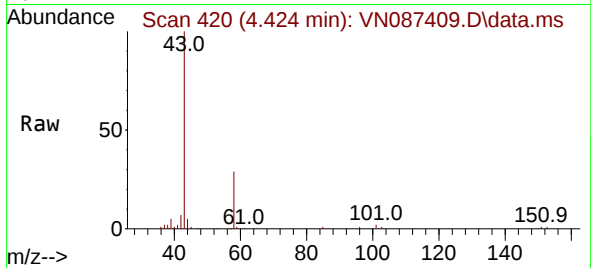




#15
Acetone
Concen: 111.684 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

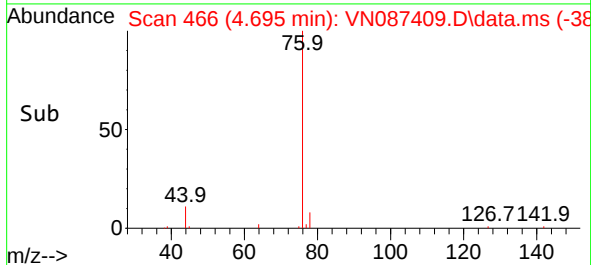
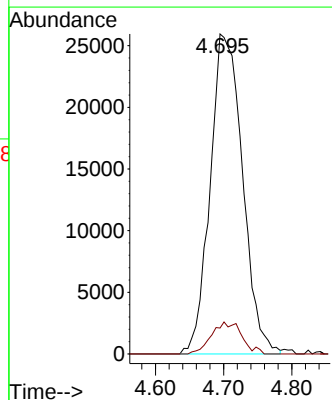
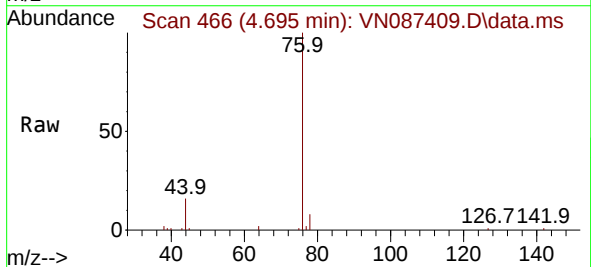
Instrument :
MSVOA_N
ClientSampleId :

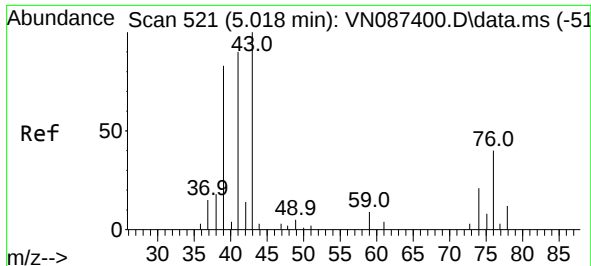
Tgt Ion: 58 Resp: 42180
Ion Ratio Lower Upper
58 100
43 340.9 283.4 425.0



#16
Carbon Disulfide
Concen: 18.429 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 76 Resp: 85712
Ion Ratio Lower Upper
76 100
78 8.1 6.6 10.0





#17

Allyl chloride

Concen: 7.892 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

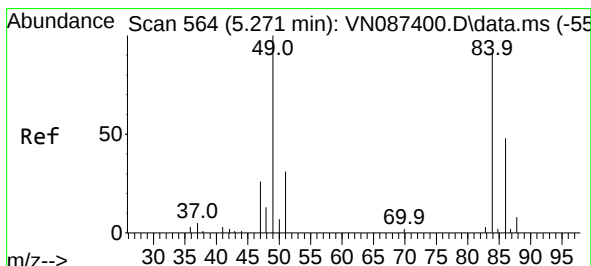
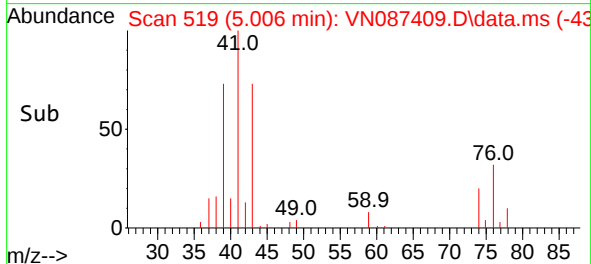
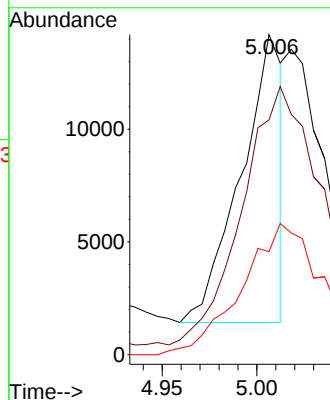
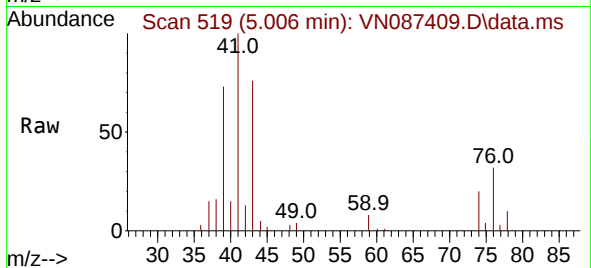
Tgt Ion: 41 Resp: 19471

Ion Ratio Lower Upper

41 100

39 76.4 42.9 128.7

76 33.5 19.8 59.4



#18

Methylene Chloride

Concen: 18.805 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Tgt Ion: 84 Resp: 34275

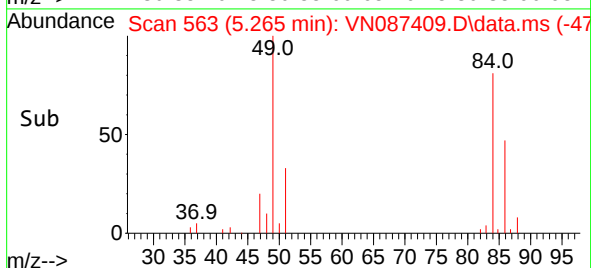
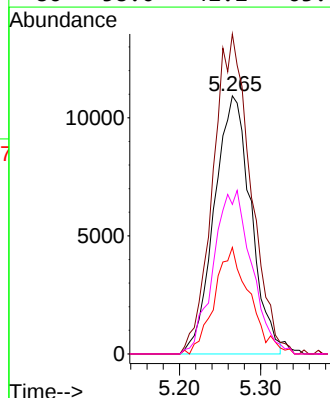
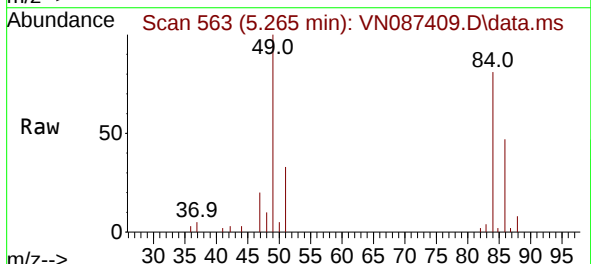
Ion Ratio Lower Upper

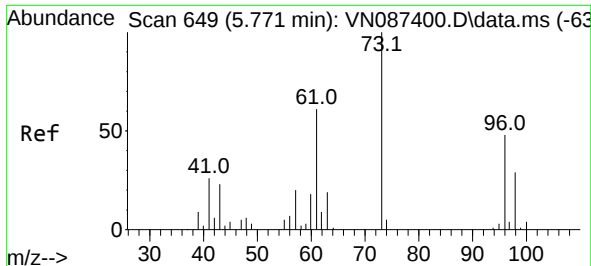
84 100

49 124.0 88.4 132.6

51 41.3 27.3 40.9#

86 58.0 42.2 63.4





#19

trans-1,2-Dichloroethene

Concen: 17.998 ug/l

RT: 5.777 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

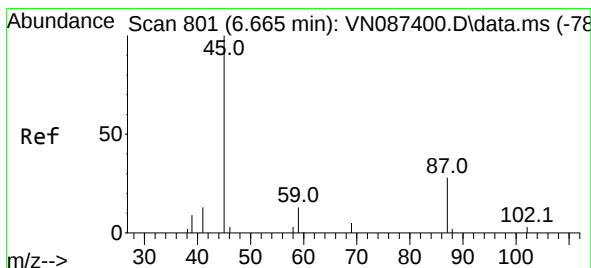
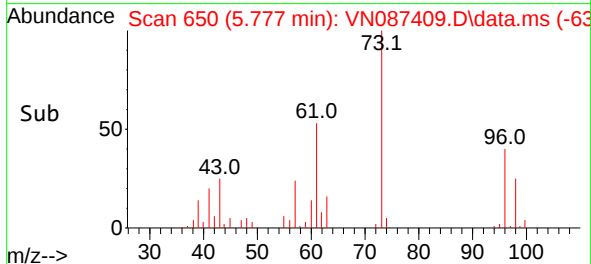
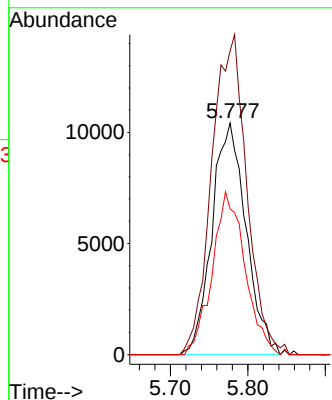
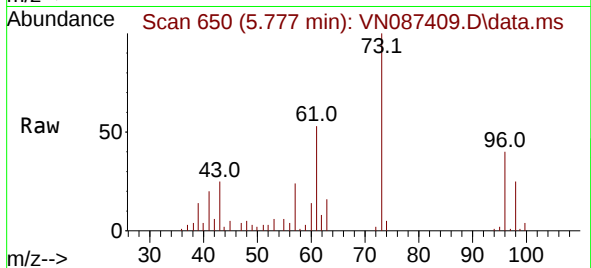
Tgt Ion: 96 Resp: 31831

Ion Ratio Lower Upper

96 100

61 131.1 101.7 152.5

98 62.8 48.2 72.4



#20

Diisopropyl ether

Concen: 17.342 ug/l

RT: 6.659 min Scan# 800

Delta R.T. -0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Tgt Ion: 45 Resp: 108184

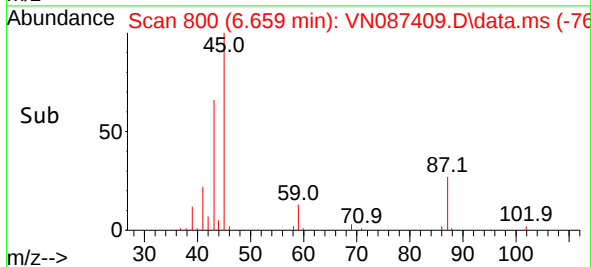
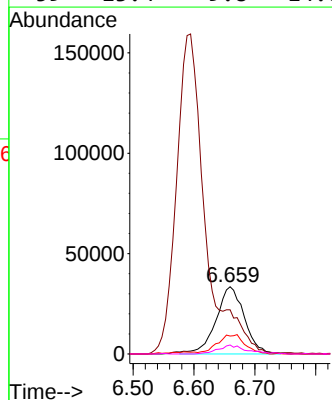
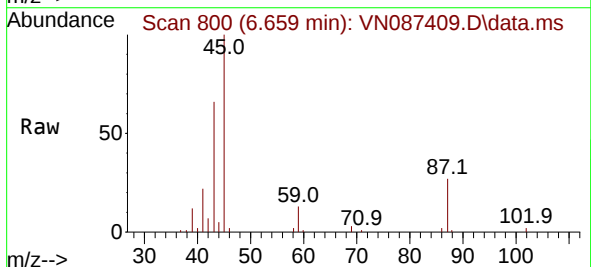
Ion Ratio Lower Upper

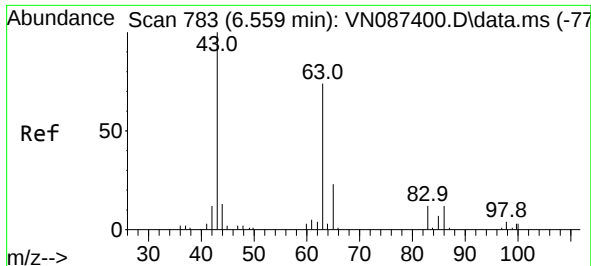
45 100

43 64.7 46.0 69.0

87 26.4 23.4 35.2

59 13.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 18.635 ug/l

RT: 6.559 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN087409.D

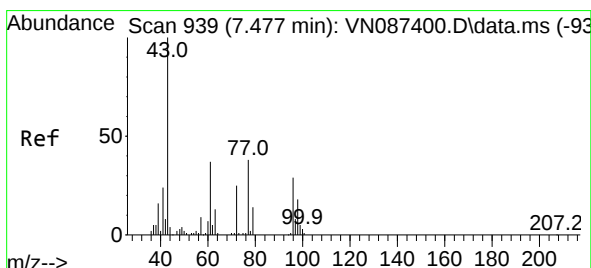
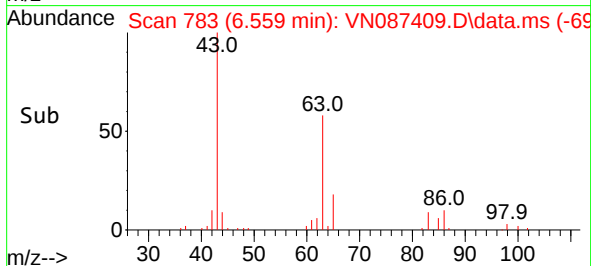
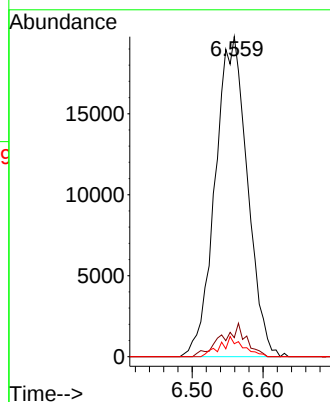
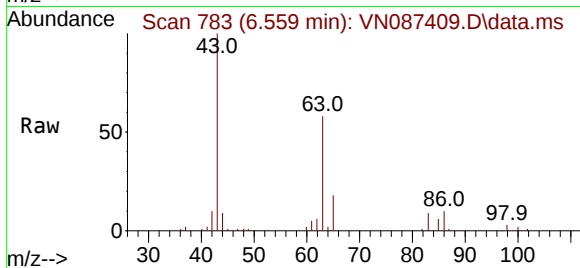
Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	62093
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.9	8.6
100	4.1	3.6	10.8



#22

cis-1,2-Dichloroethene

Concen: 18.393 ug/l

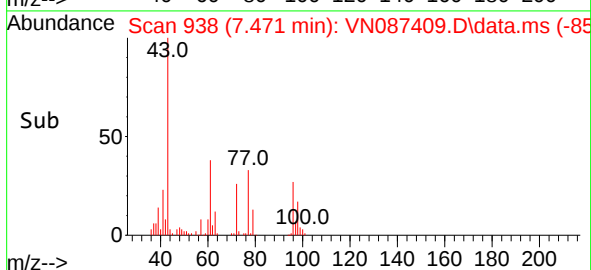
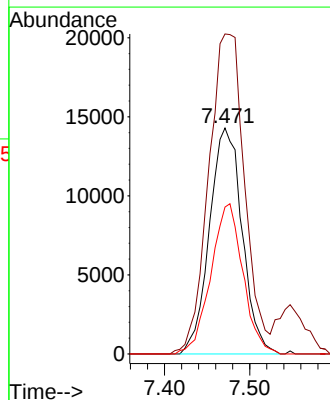
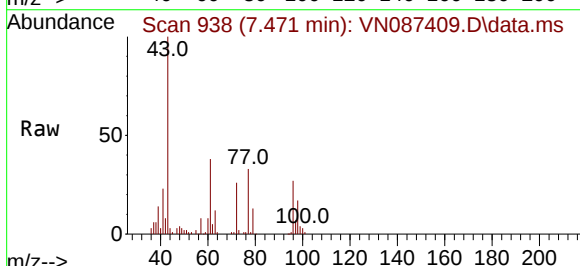
RT: 7.471 min Scan# 938

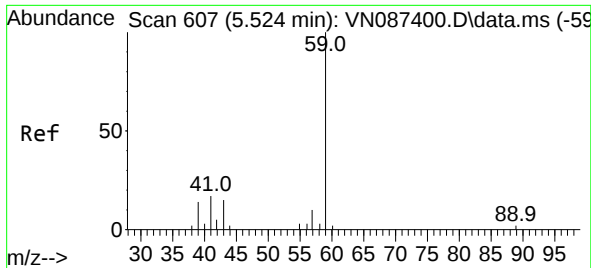
Delta R.T. -0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Tgt Ion:	96	Resp:	38102
Ion Ratio	Lower	Upper	
96	100		
61	99.4	120.4	180.6#
98	65.4	54.0	81.0

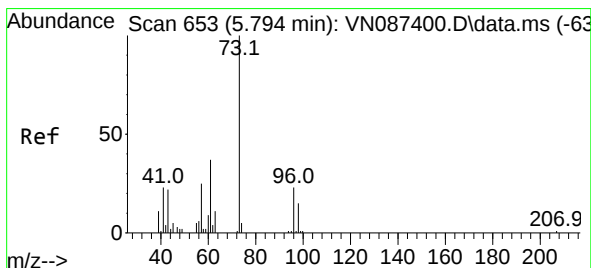
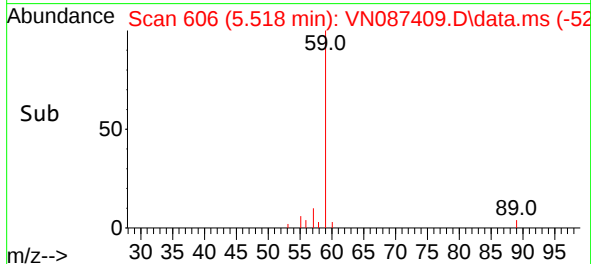
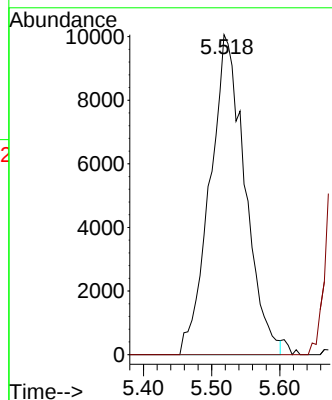
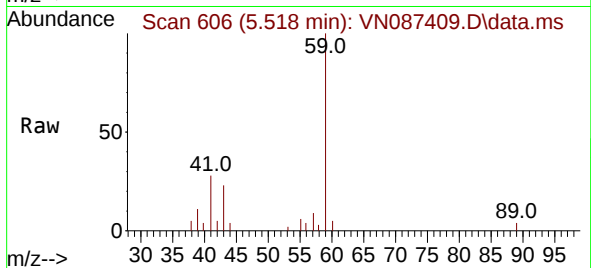




#23
tert-Butyl Alcohol
Concen: 98.082 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

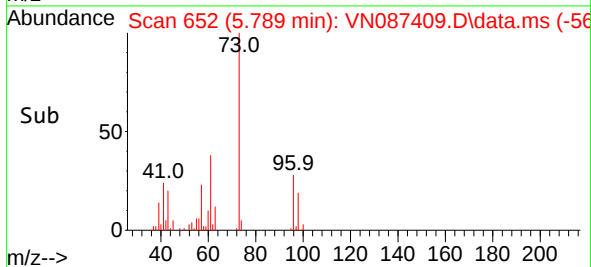
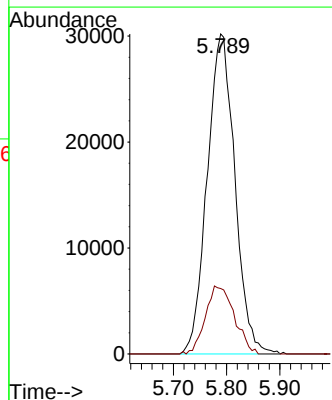
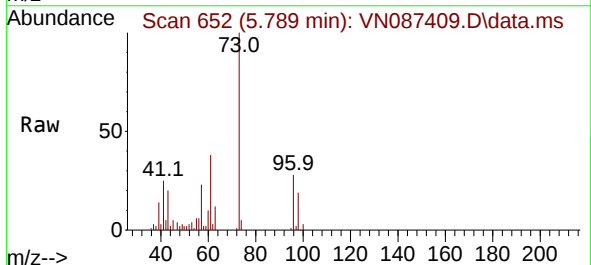
Instrument :
MSVOA_N
ClientSampleId :

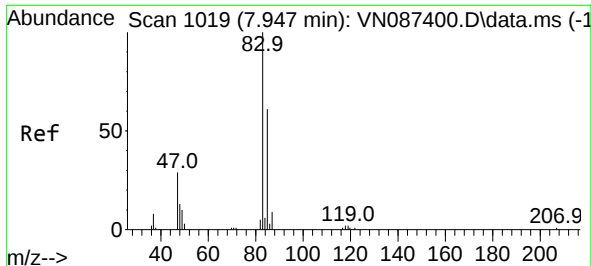
Tgt Ion: 59 Resp: 35959
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.708 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 73 Resp: 108879
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5





#25

Chloroform

Concen: 18.901 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

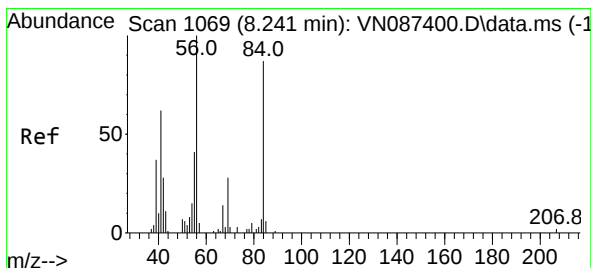
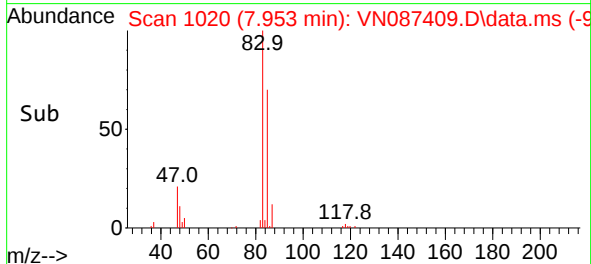
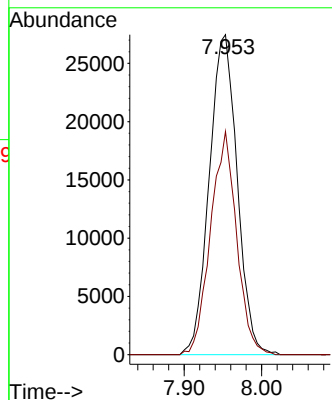
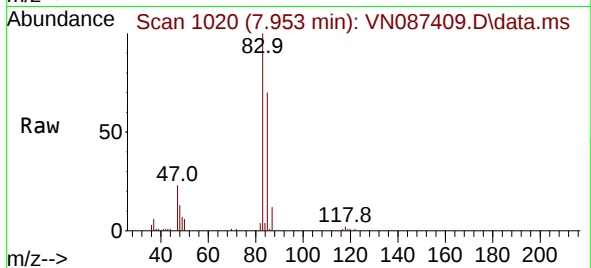
ClientSampleId :

Tgt Ion: 83 Resp: 68977

Ion Ratio Lower Upper

83 100

85 69.7 48.6 73.0



#26

Cyclohexane

Concen: 17.780 ug/l

RT: 8.242 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

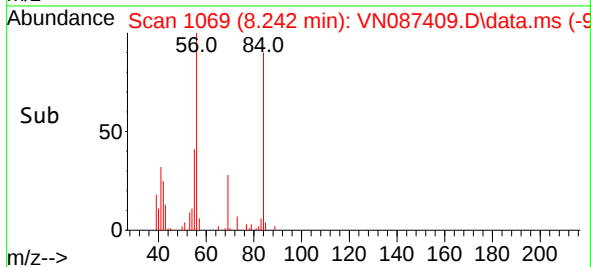
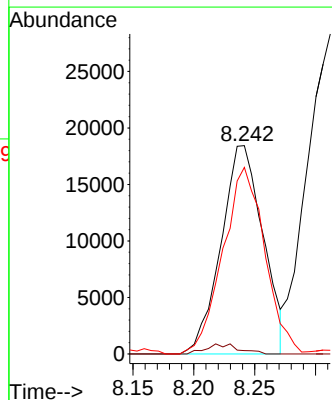
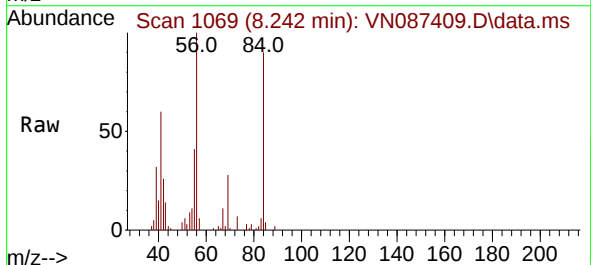
Tgt Ion: 56 Resp: 44167

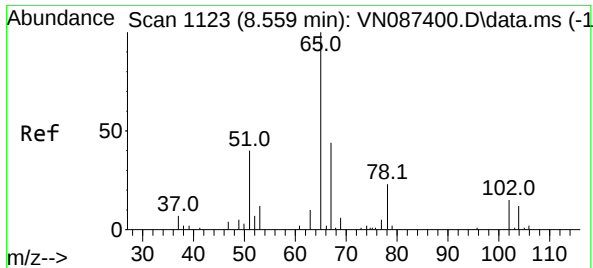
Ion Ratio Lower Upper

56 100

89 3.3 1.5 2.3#

84 89.5 71.2 106.8

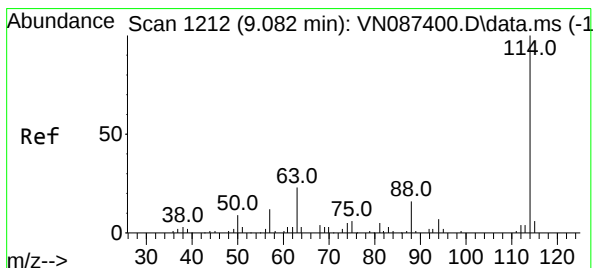
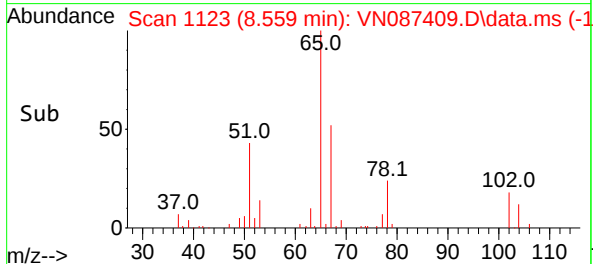
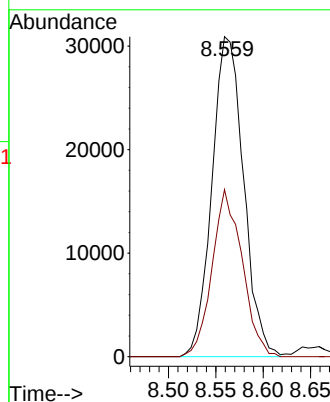
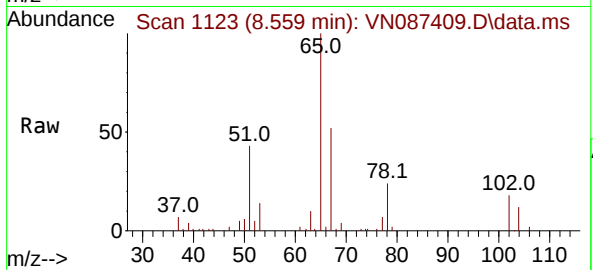




#27
1,2-Dichloroethane-d4
Concen: 30.299 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

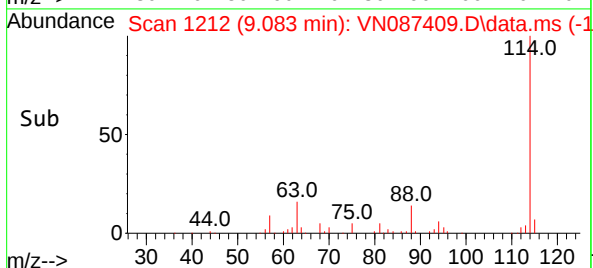
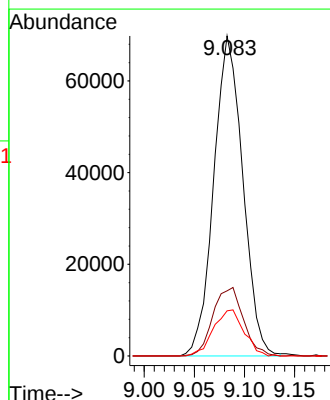
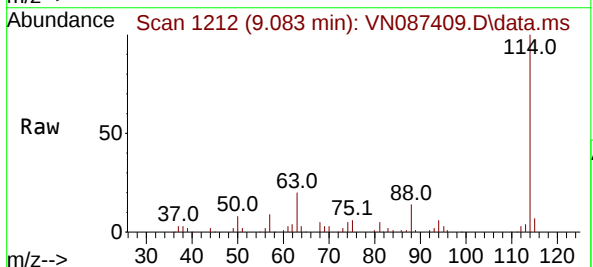
Instrument :
MSVOA_N
ClientSampleId :

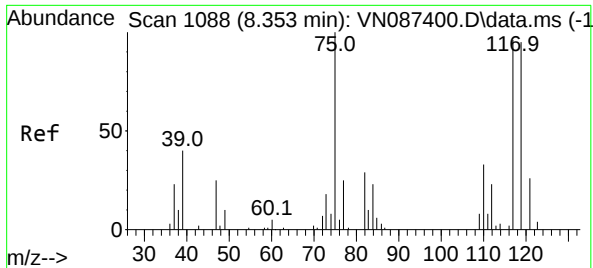
Tgt Ion: 65 Resp: 71801
Ion Ratio Lower Upper
65 100
67 49.5 40.2 60.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 114 Resp: 140533
Ion Ratio Lower Upper
114 100
63 22.4 16.8 25.2
88 15.1 12.5 18.7





#29

1,1-Dichloropropene

Concen: 17.549 ug/l

RT: 8.353 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

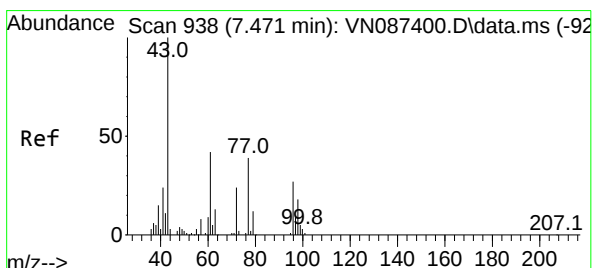
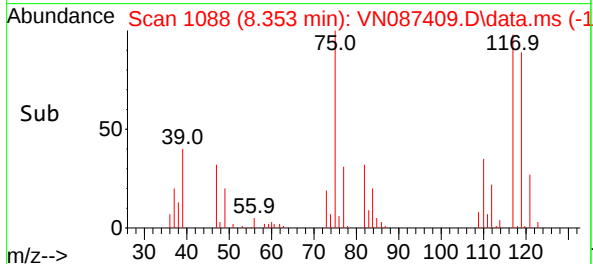
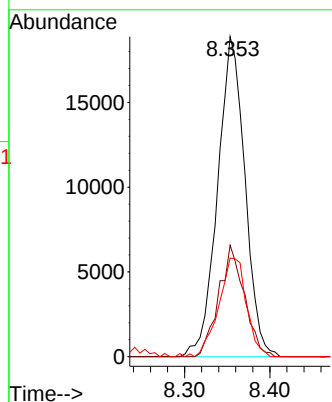
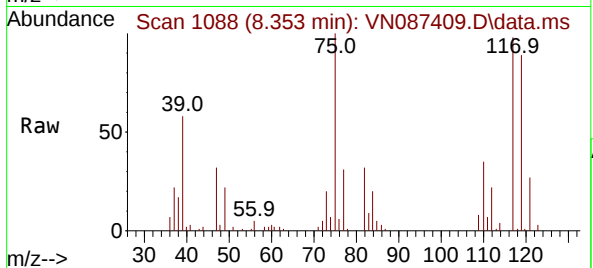
Tgt Ion: 75 Resp: 42076

Ion Ratio Lower Upper

75 100

110 32.6 0.0 66.4

77 30.9 0.0 61.6



#30

2-Butanone

Concen: 88.044 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

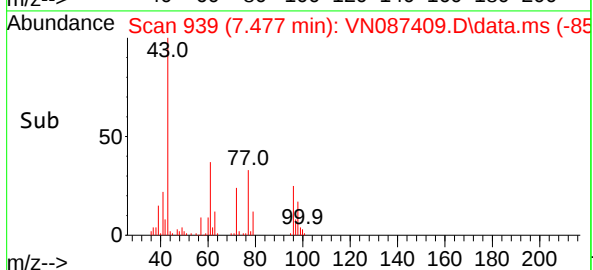
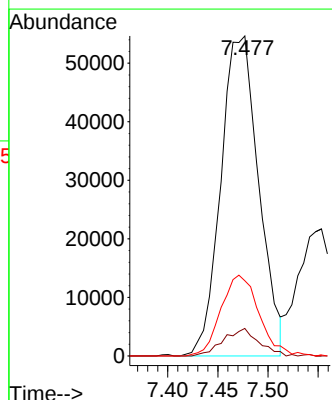
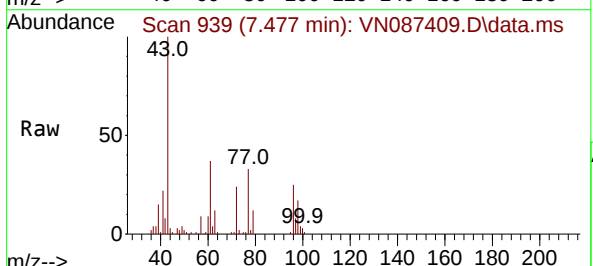
Tgt Ion: 43 Resp: 143766

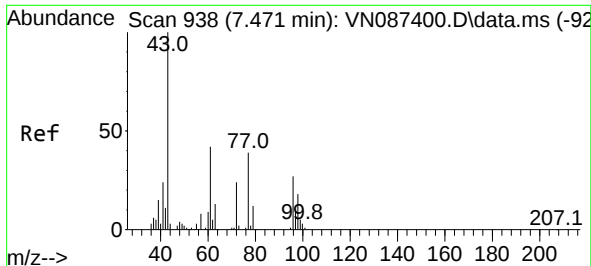
Ion Ratio Lower Upper

43 100

57 8.0 6.6 9.8

72 25.1 20.6 30.8

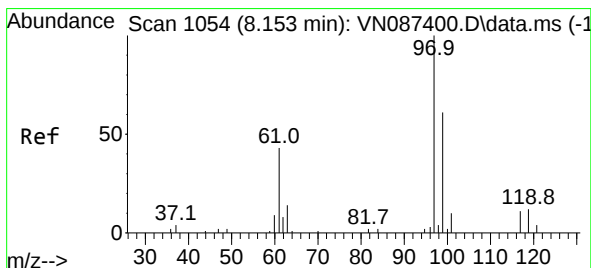
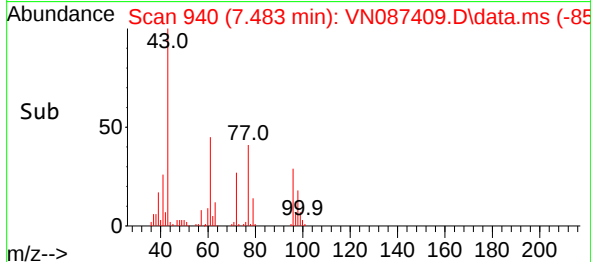
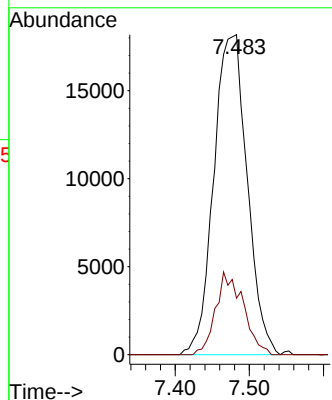
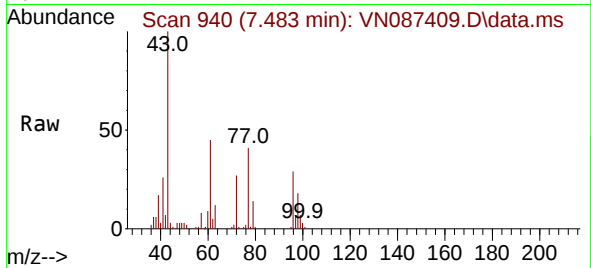




#31
2,2-Dichloropropane
Concen: 18.079 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

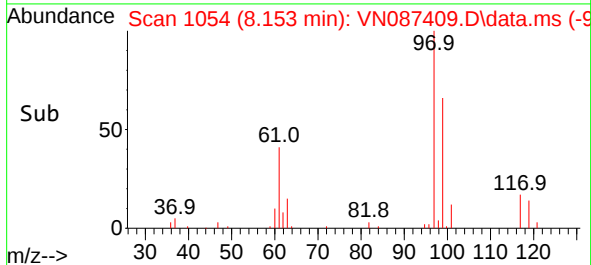
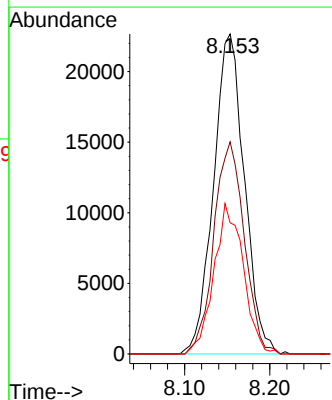
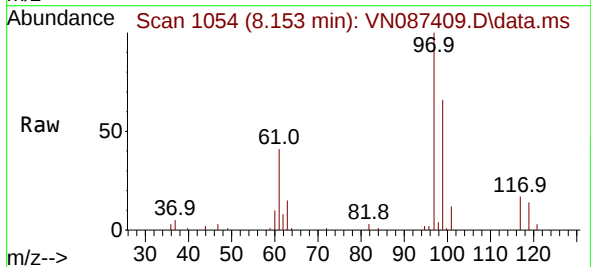
Instrument :
MSVOA_N
ClientSampleId :

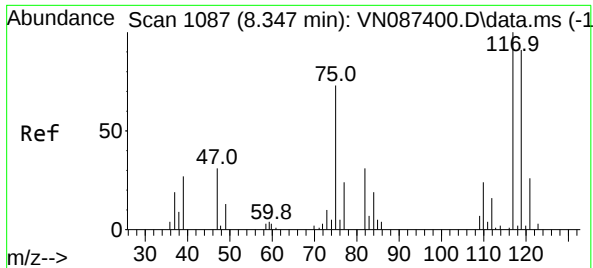
Tgt Ion: 77 Resp: 56927
Ion Ratio Lower Upper
77 100
97 21.3 17.1 25.7



#32
1,1,1-Trichloroethane
Concen: 18.165 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

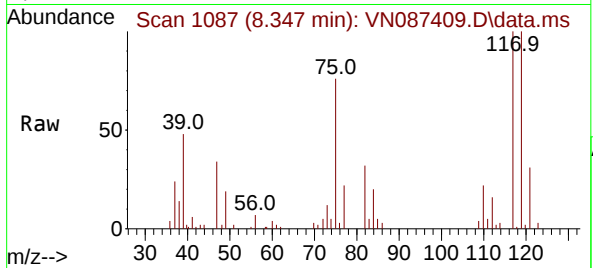
Tgt Ion: 97 Resp: 57004
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 44.5 36.1 54.1



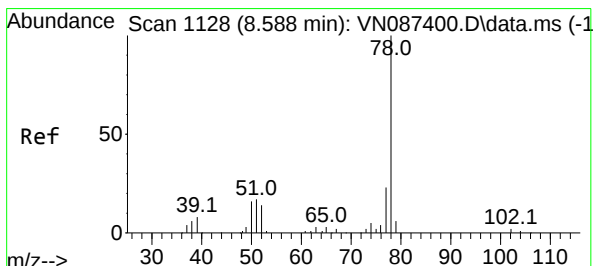
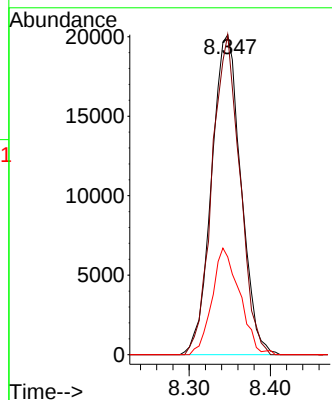
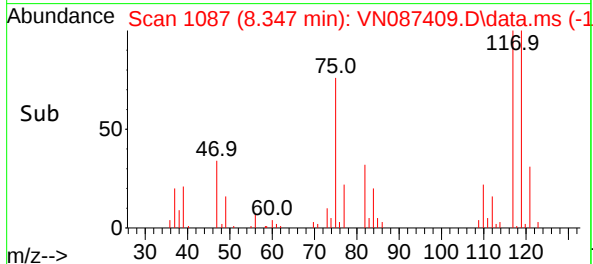


#33
Carbon Tetrachloride
Concen: 18.505 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :

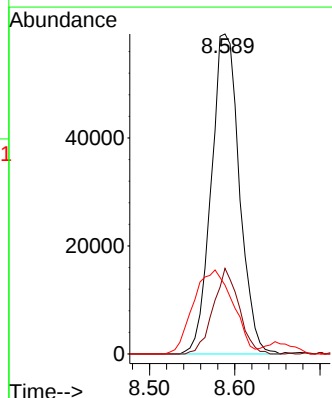
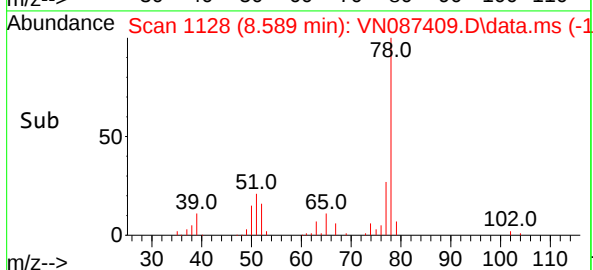
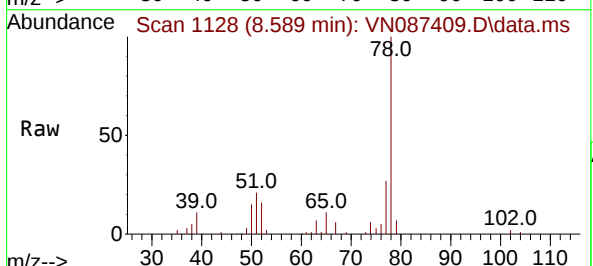


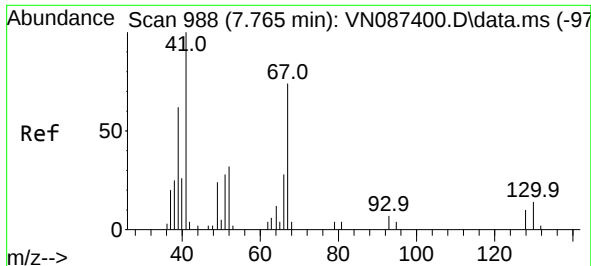
Tgt Ion:117 Resp: 50446
Ion Ratio Lower Upper
117 100
119 100.0 72.7 109.1
121 30.6 21.1 31.7



#34
Benzene
Concen: 17.580 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 78 Resp: 136135
Ion Ratio Lower Upper
78 100
77 26.8 18.2 27.2
51 18.3 13.8 20.8

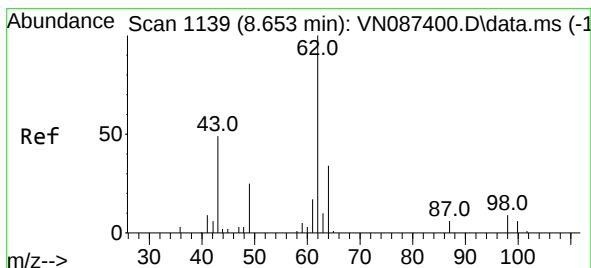
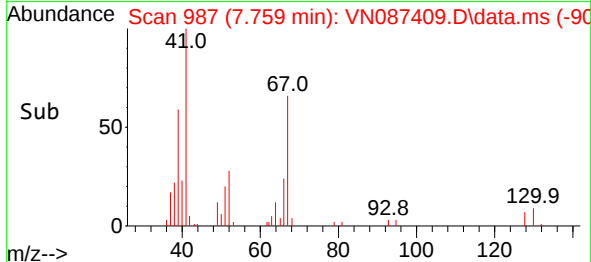
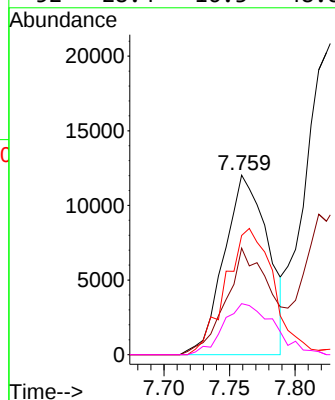
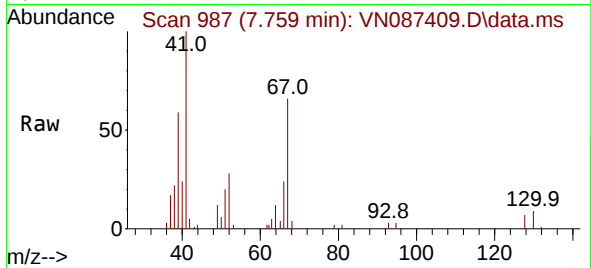




#35
Methacrylonitrile
Concen: 16.367 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

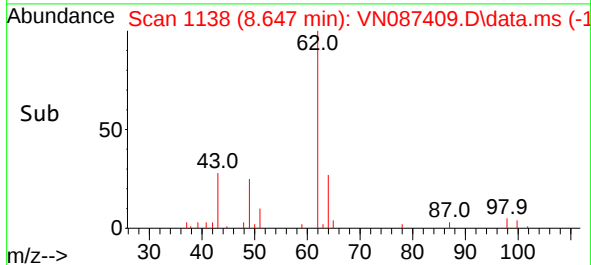
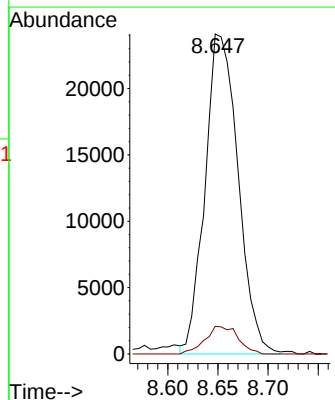
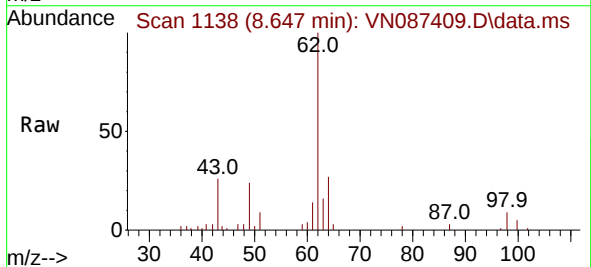
Instrument :
MSVOA_N
ClientSampleId :

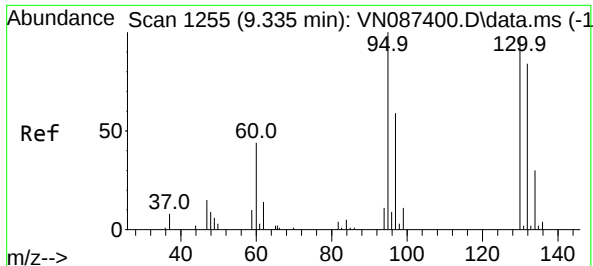
Tgt Ion: 41	Resp: 28105
Ion Ratio	Lower Upper
41 100	
39 59.4	31.0 93.0
67 66.4	36.8 110.3
52 28.4	16.3 48.8



#36
1,2-Dichloroethane
Concen: 18.090 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 62	Resp: 55263
Ion Ratio	Lower Upper
62 100	
98 6.0	6.6 9.8#





#37

Trichloroethene

Concen: 18.680 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

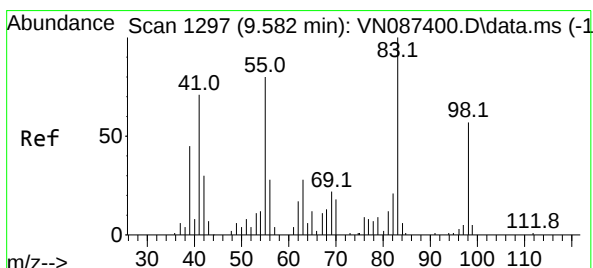
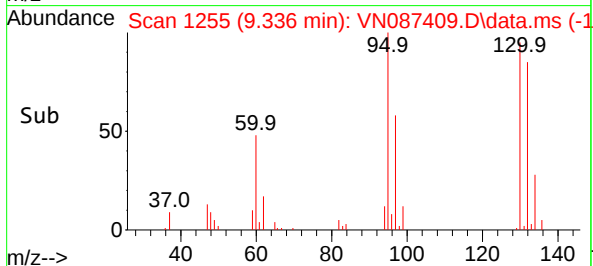
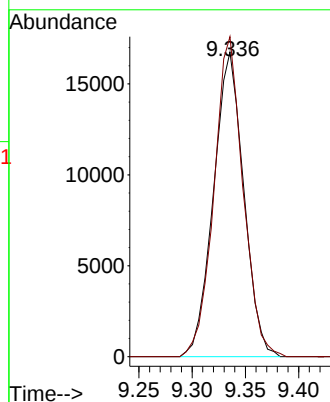
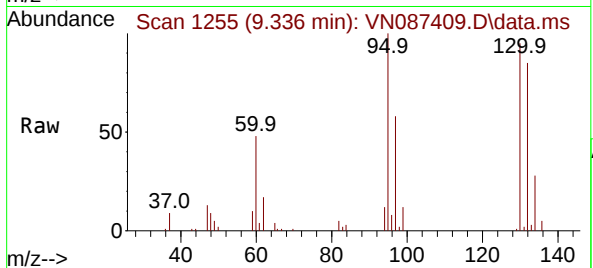
ClientSampleId :

Tgt Ion:130 Resp: 33012

Ion Ratio Lower Upper

130 100

95 105.1 82.4 123.6



#38

Methylcyclohexane

Concen: 17.670 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

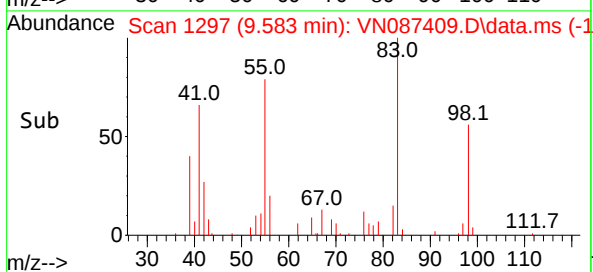
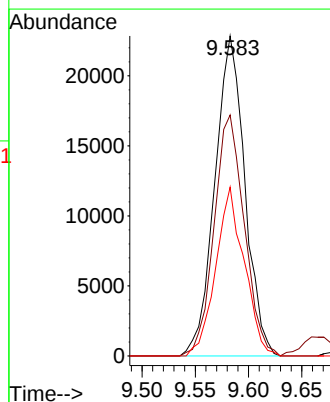
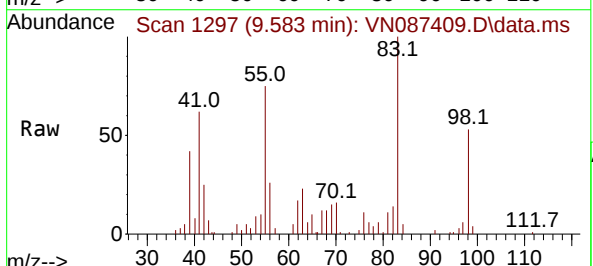
Tgt Ion: 83 Resp: 44787

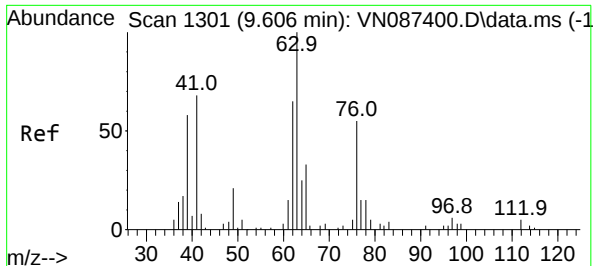
Ion Ratio Lower Upper

83 100

55 75.7 40.9 122.8

98 49.9 25.6 76.6





#39

1,2-Dichloropropane

Concen: 18.476 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

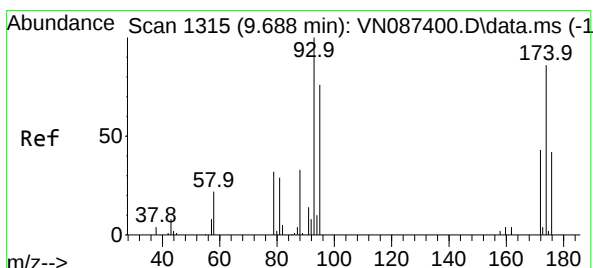
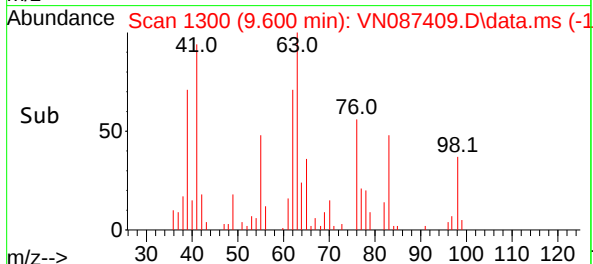
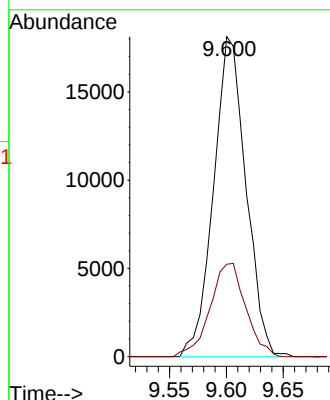
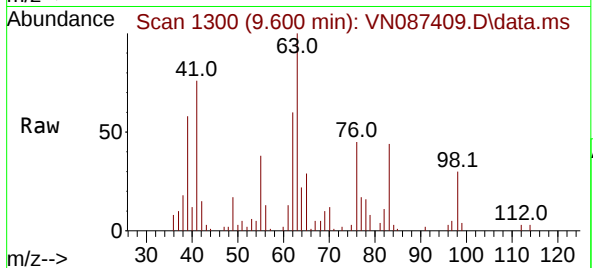
ClientSampleId :

Tgt Ion: 63 Resp: 35944

Ion Ratio Lower Upper

63 100

65 28.9 26.1 39.1



#40

Dibromomethane

Concen: 18.006 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

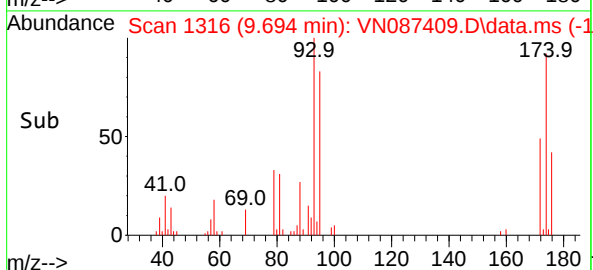
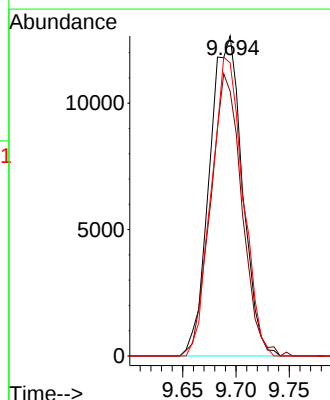
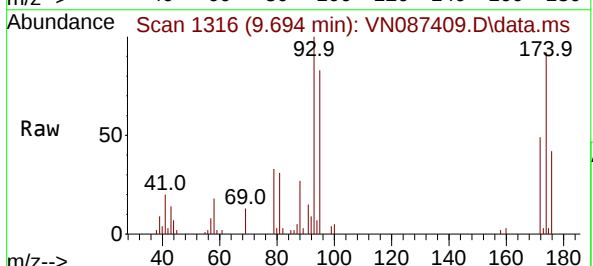
Tgt Ion: 93 Resp: 27101

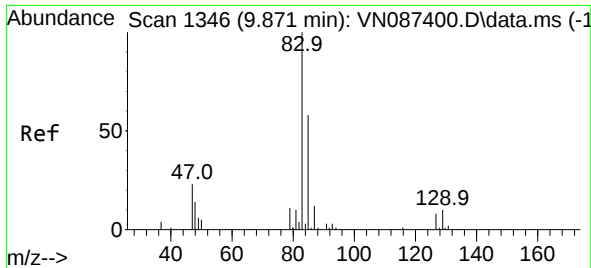
Ion Ratio Lower Upper

93 100

95 83.7 0.0 161.8

174 89.8 0.0 177.6

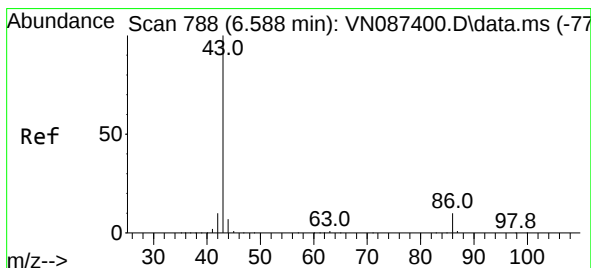
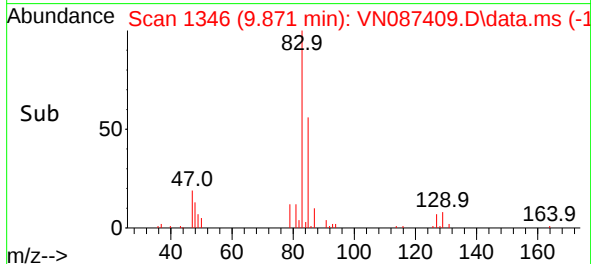
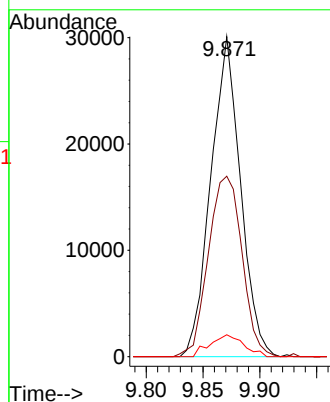
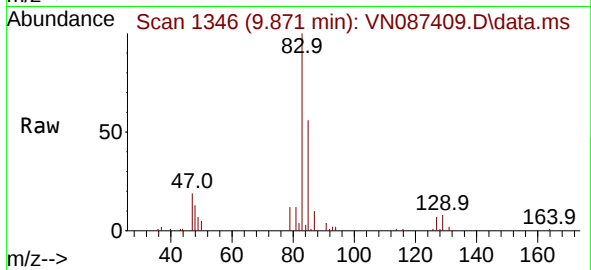




#41
Bromodichloromethane
Concen: 18.302 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

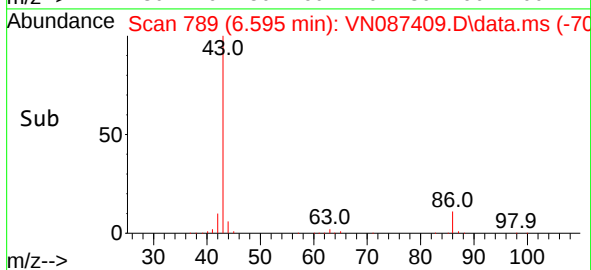
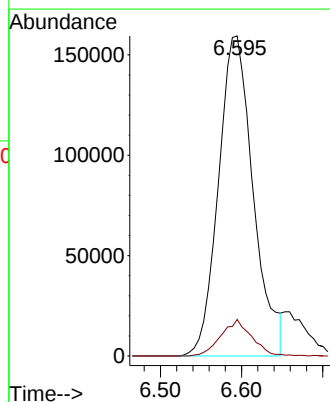
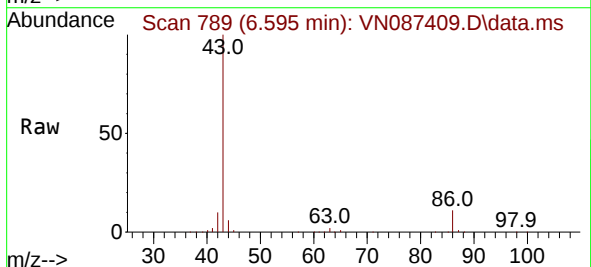
Instrument :
MSVOA_N
ClientSampleId :

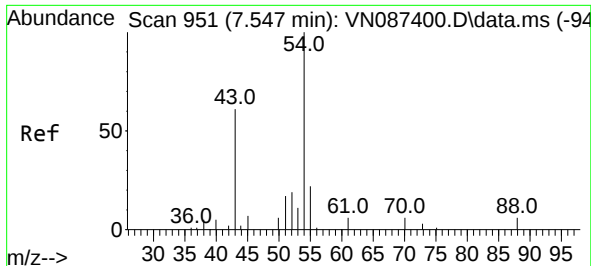
Tgt Ion: 83 Resp: 54693
Ion Ratio Lower Upper
83 100
85 56.4 46.2 69.2
127 6.8 6.1 9.1



#42
Vinyl Acetate
Concen: 85.871 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 43 Resp: 474990
Ion Ratio Lower Upper
43 100
86 10.0 8.1 12.1

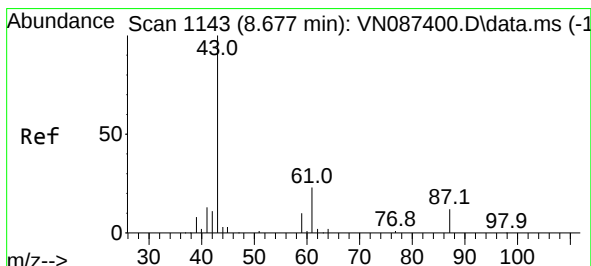
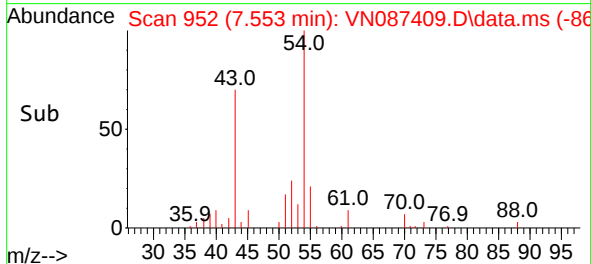
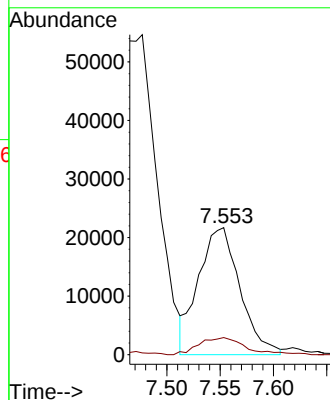
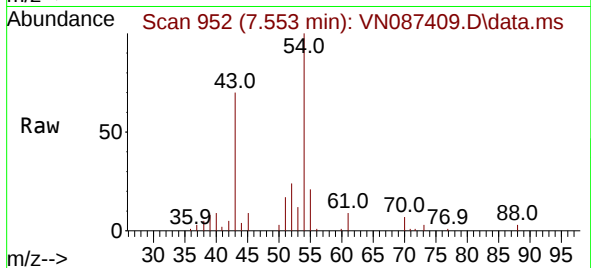




#43
Ethyl Acetate
Concen: 17.716 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

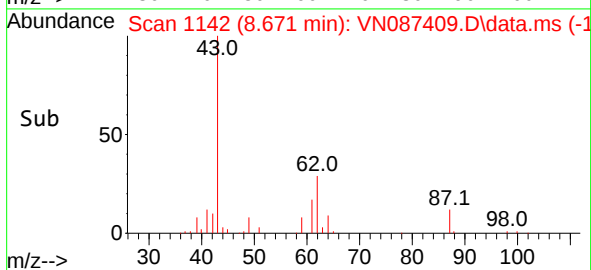
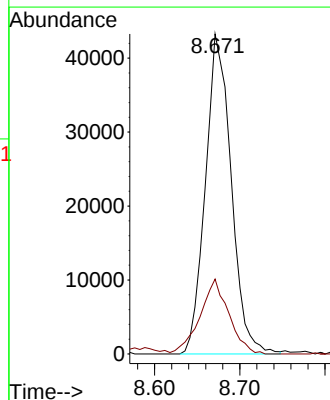
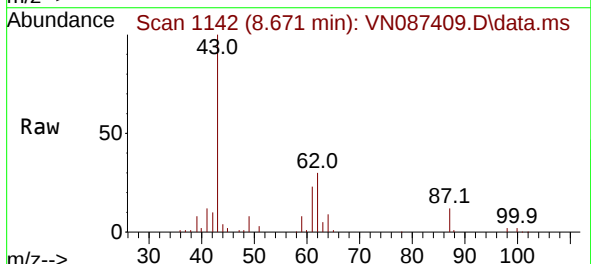
Instrument :
MSVOA_N
ClientSampleId :

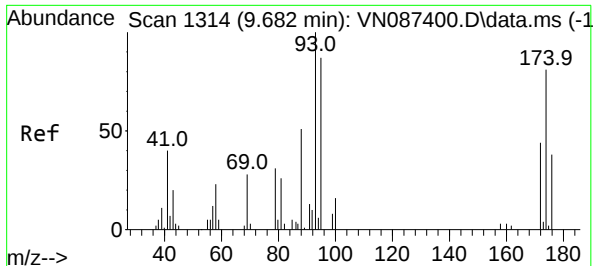
Tgt Ion: 43 Resp: 58892
Ion Ratio Lower Upper
43 100
45 13.8 5.6 8.4#



#44
Isopropyl Acetate
Concen: 17.383 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 43 Resp: 91225
Ion Ratio Lower Upper
43 100
61 26.1 20.1 30.1

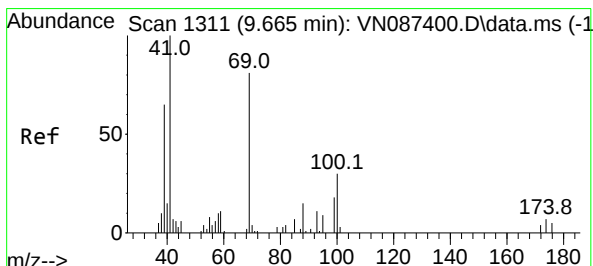
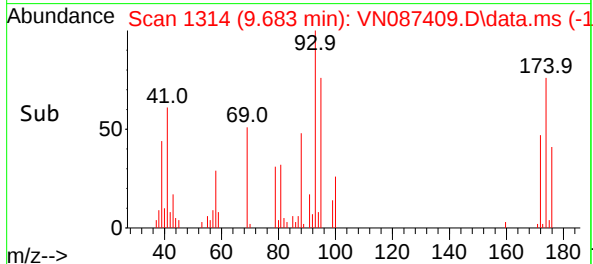
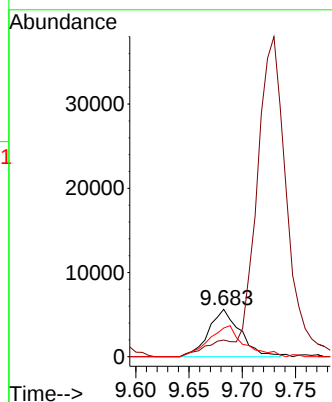
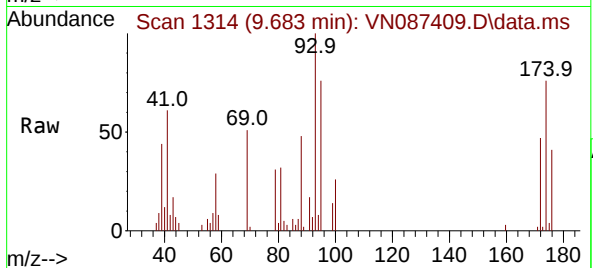




#45
1,4-Dioxane
Concen: 358.951 ug/l
RT: 9.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

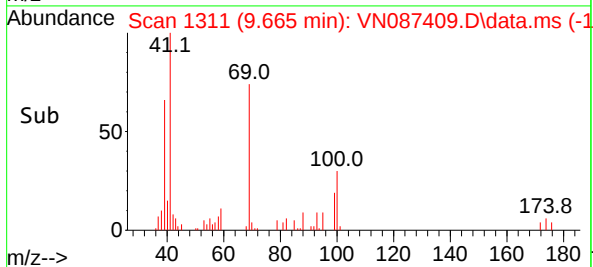
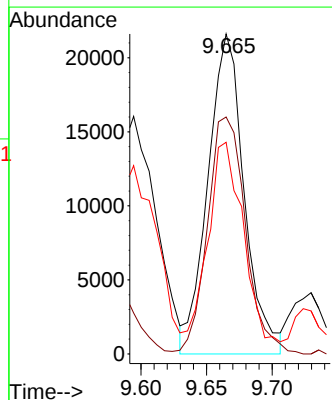
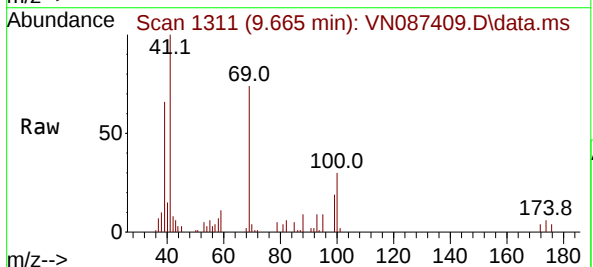
Instrument :
MSVOA_N
ClientSampleId :

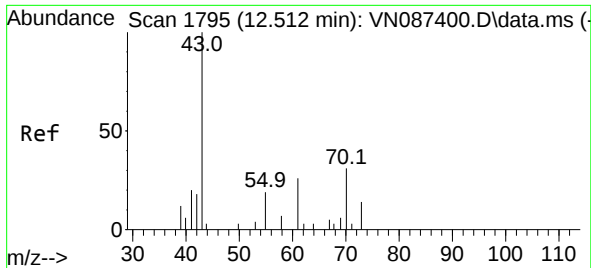
Tgt Ion: 88 Resp: 11606
Ion Ratio Lower Upper
88 100
43 35.4 29.6 44.4
58 69.2 23.5 35.3#



#46
Methyl methacrylate
Concen: 17.195 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 41 Resp: 41556
Ion Ratio Lower Upper
41 100
69 78.0 39.5 118.5
39 66.7 31.6 94.7

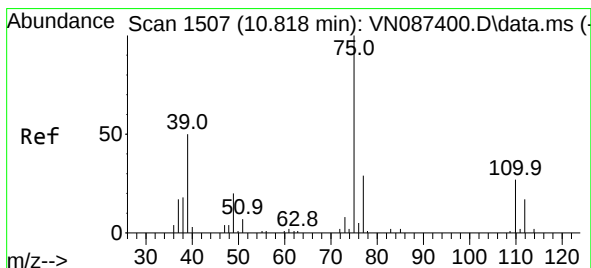
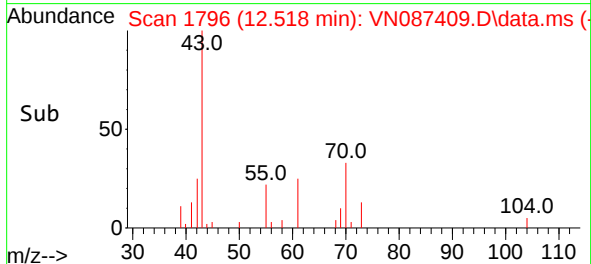
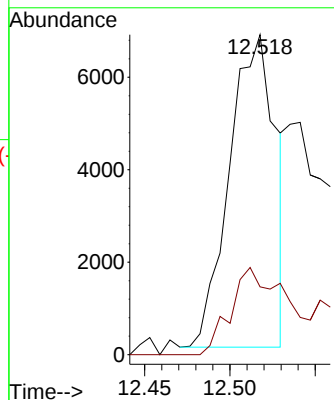
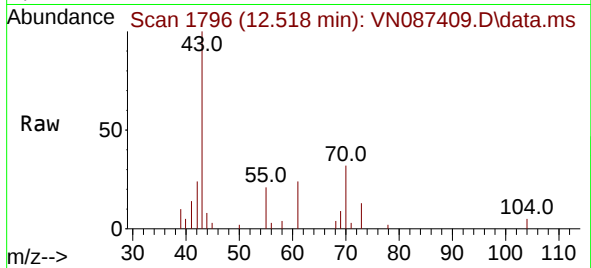




#47
n-amy1 Acetate
Concen: 4.047 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

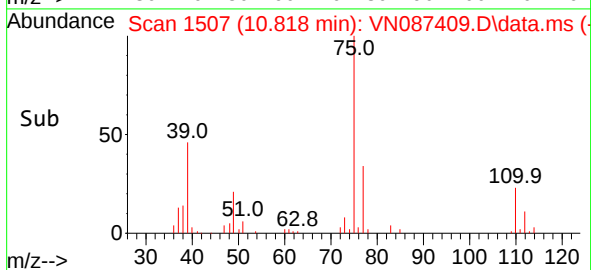
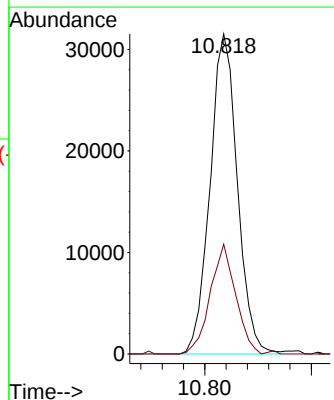
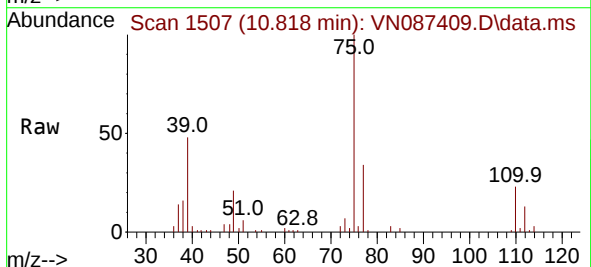
Instrument :
MSVOA_N
ClientSampleId :

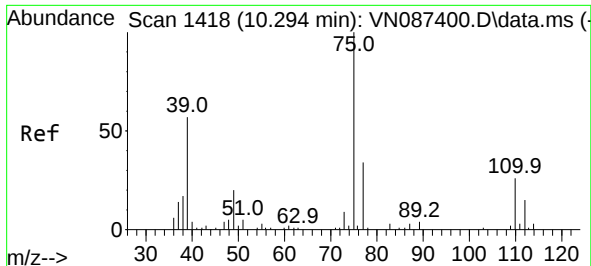
Tgt Ion: 43 Resp: 12729
Ion Ratio Lower Upper
43 100
55 22.5 0.6 0.8#



#48
t-1,3-Dichloropropene
Concen: 17.603 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 75 Resp: 56118
Ion Ratio Lower Upper
75 100
77 34.3 23.6 35.4

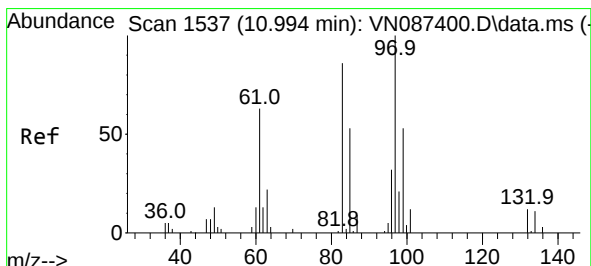
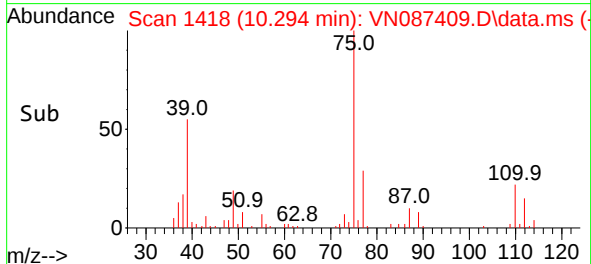
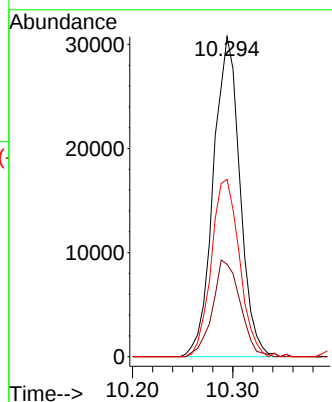
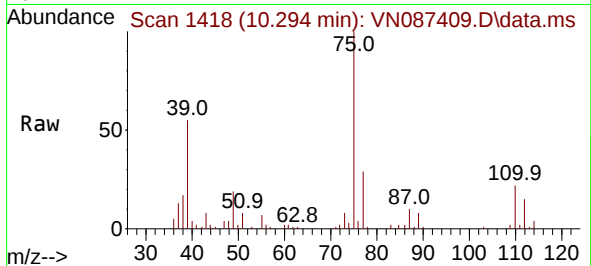




#49
 cis-1,3-Dichloropropene
 Concen: 17.756 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

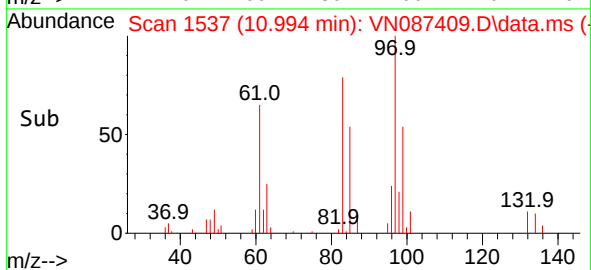
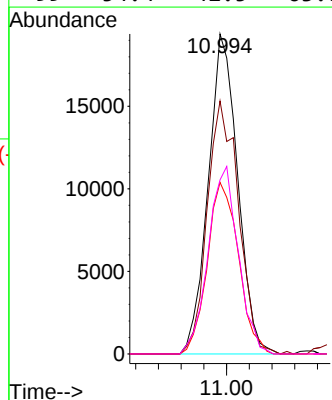
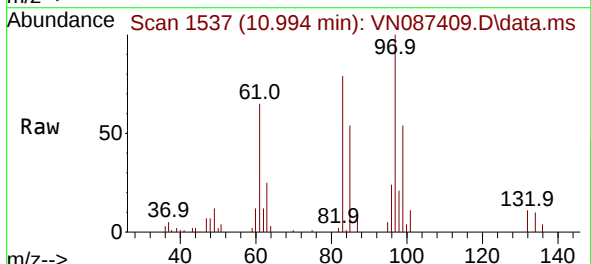
Instrument :
 MSVOA_N
 ClientSampleId :

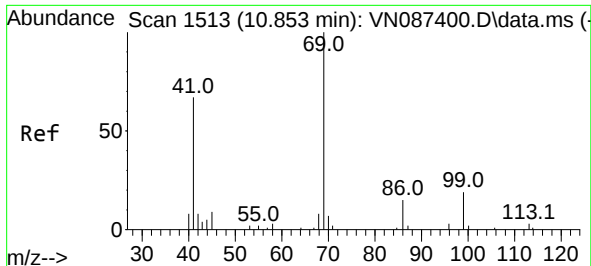
Tgt Ion: 75 Resp: 56612
 Ion Ratio Lower Upper
 75 100
 77 28.9 27.4 41.0
 39 55.4 46.3 69.5



#50
 1,1,2-Trichloroethane
 Concen: 17.958 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

Tgt Ion: 97 Resp: 34907
 Ion Ratio Lower Upper
 97 100
 83 79.0 68.9 103.3
 85 53.6 42.2 63.2
 99 54.4 42.5 63.7

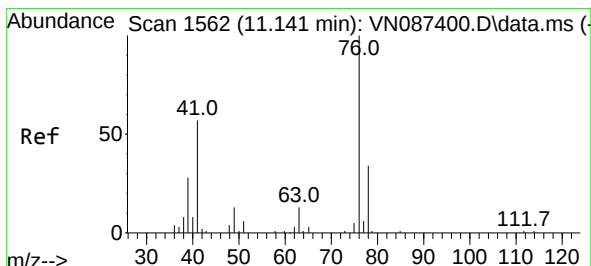
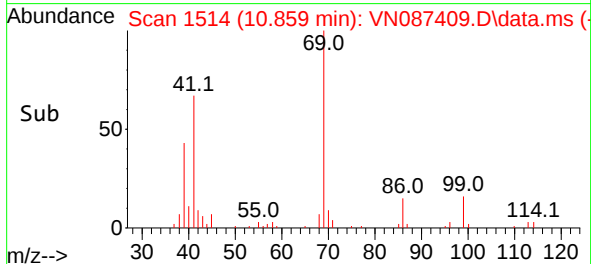
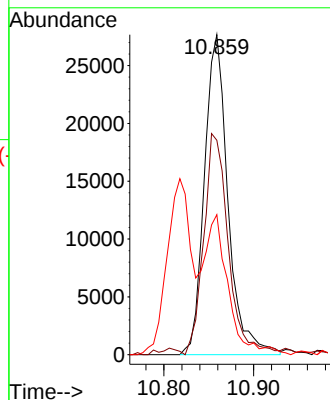
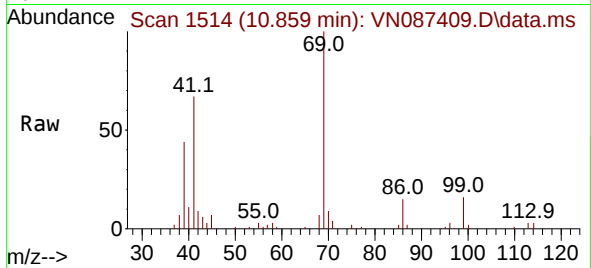




#51
Ethyl methacrylate
Concen: 17.005 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

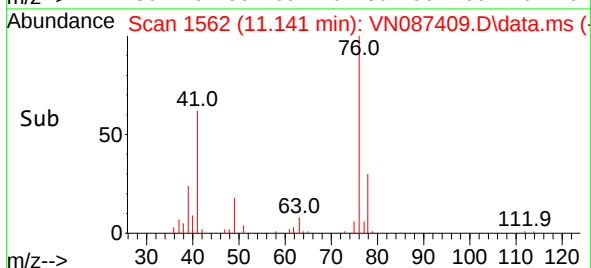
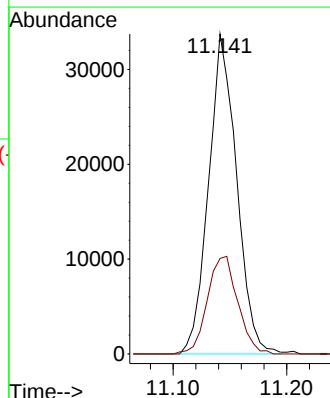
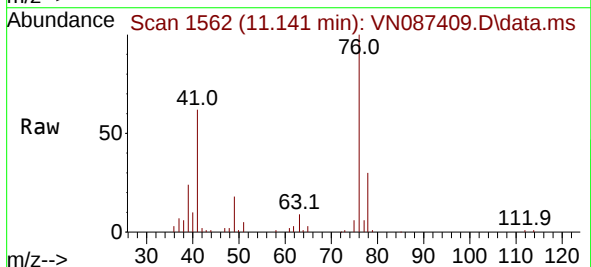
Instrument :
MSVOA_N
ClientSampleId :

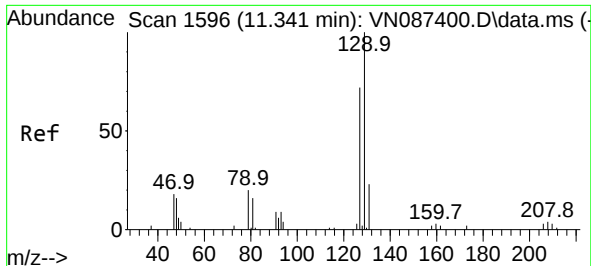
Tgt Ion: 69 Resp: 50549
Ion Ratio Lower Upper
69 100
41 65.9 33.7 101.1
39 42.9 21.6 65.0



#52
1,3-Dichloropropane
Concen: 17.326 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 76 Resp: 57905
Ion Ratio Lower Upper
76 100
78 33.0 0.0 67.4

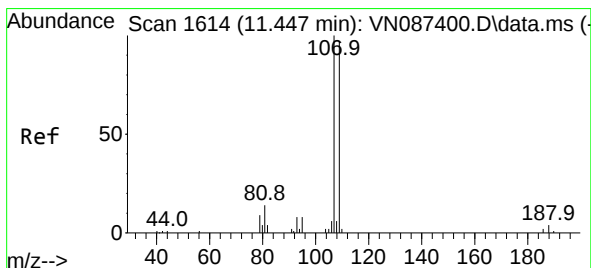
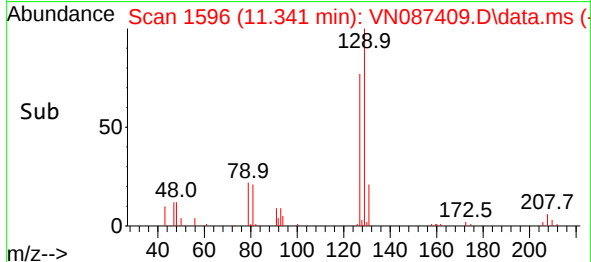
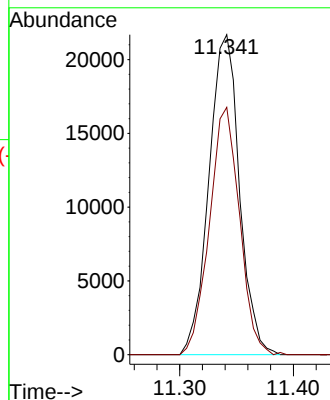
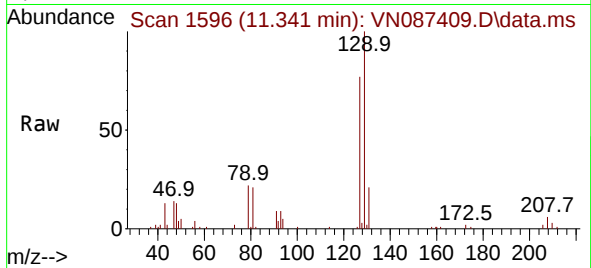




#53
Dibromochloromethane
Concen: 17.796 ug/l
RT: 11.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

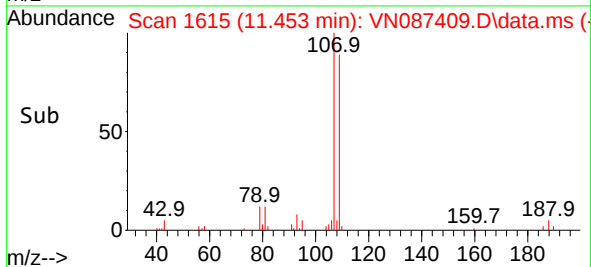
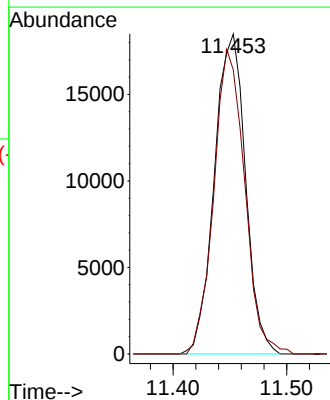
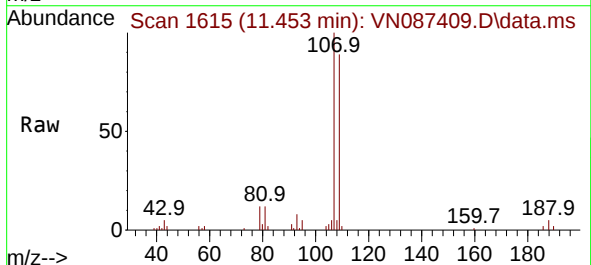
Instrument :
MSVOA_N
ClientSampleId :

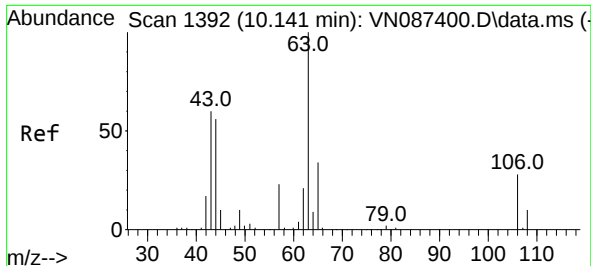
Tgt Ion:129 Resp: 40545
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1



#54
1,2-Dibromoethane
Concen: 17.633 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:107 Resp: 35134
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0

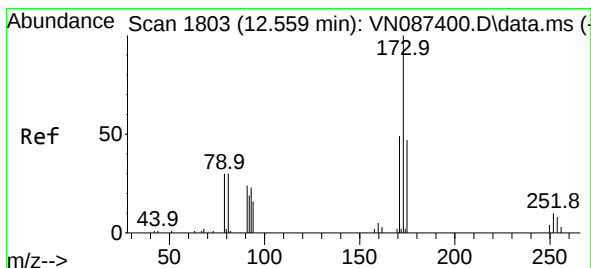
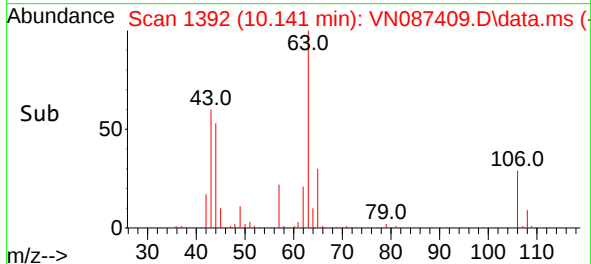
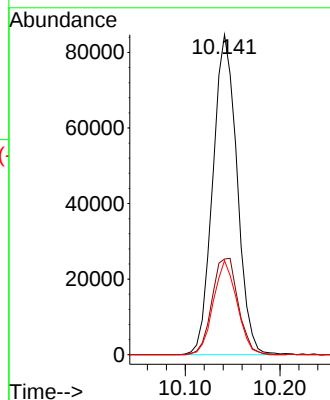
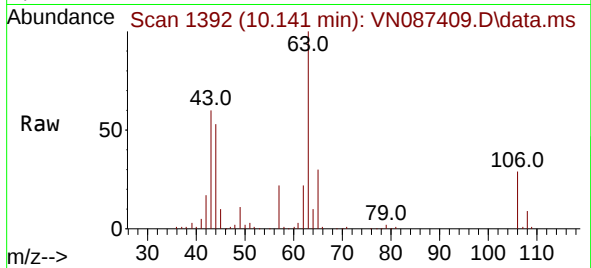




#55
2-Chloroethyl vinyl ether
Concen: 90.913 ug/l
RT: 10.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

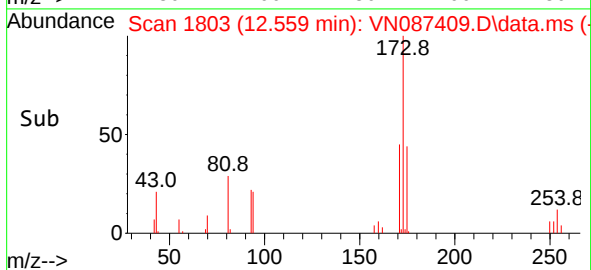
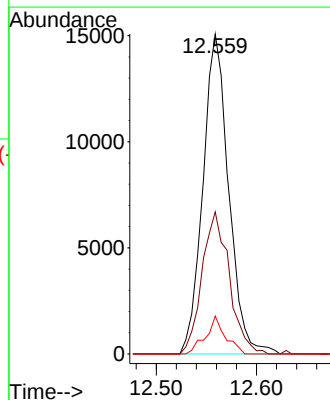
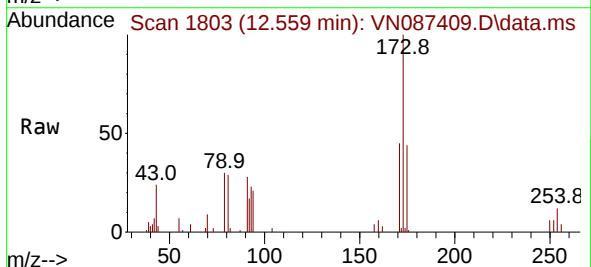
Instrument :
MSVOA_N
ClientSampleId :

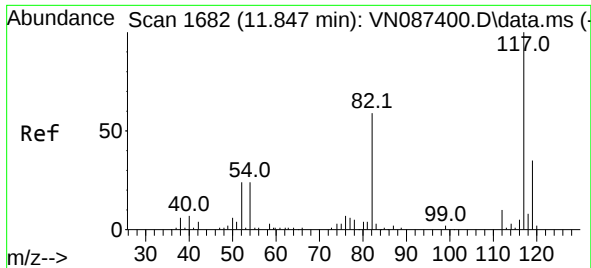
Tgt Ion: 63 Resp: 150336
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.8
106 28.7 23.0 34.4



#56
Bromoform
Concen: 16.638 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:173 Resp: 26960
Ion Ratio Lower Upper
173 100
175 46.9 38.4 57.6
254 9.0 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

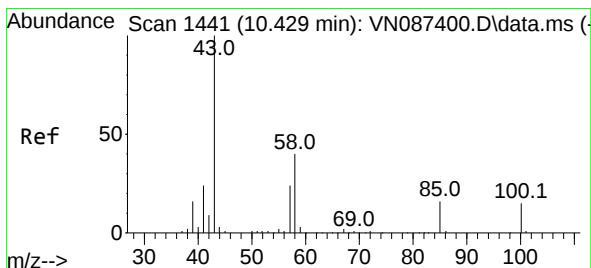
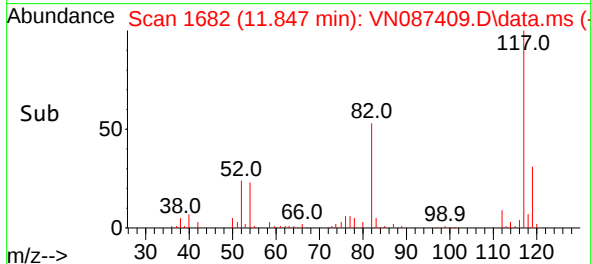
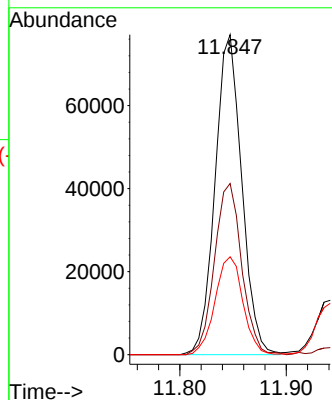
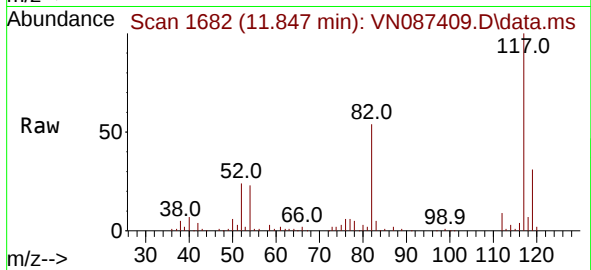
Tgt Ion:117 Resp: 134021

Ion Ratio Lower Upper

117 100

82 54.5 44.1 66.1

119 32.0 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 88.989 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. -0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

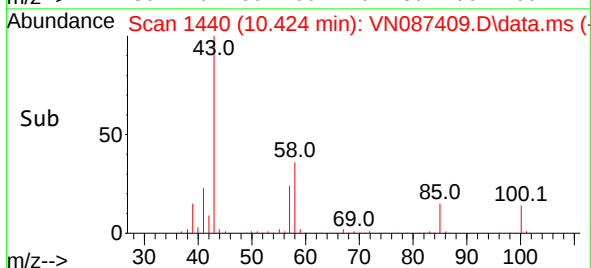
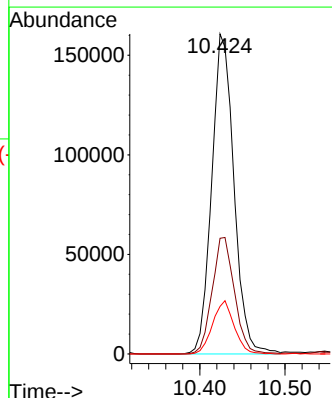
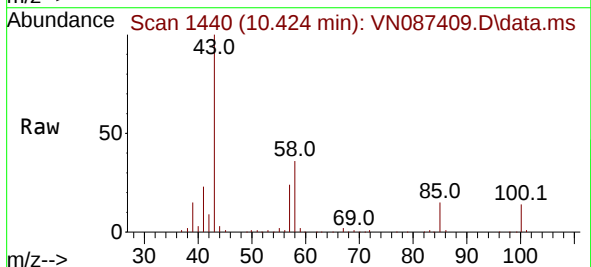
Tgt Ion: 43 Resp: 291631

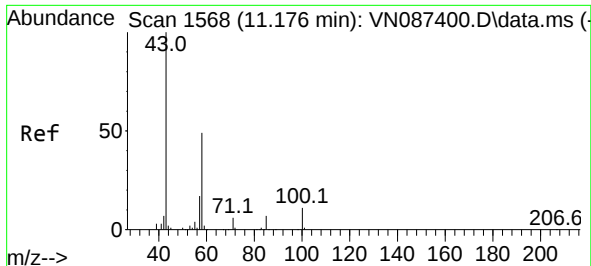
Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3

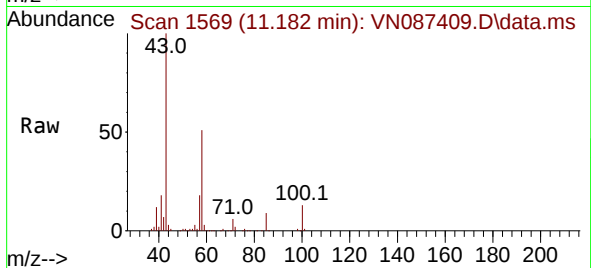
85 16.1 13.3 19.9



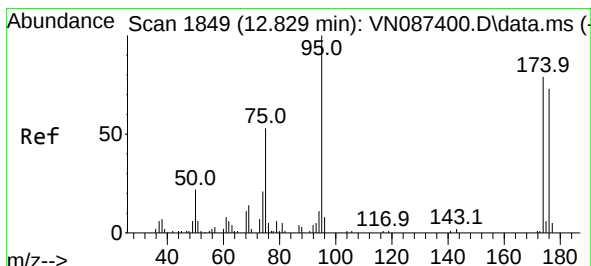
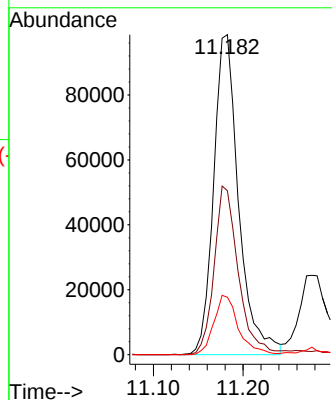
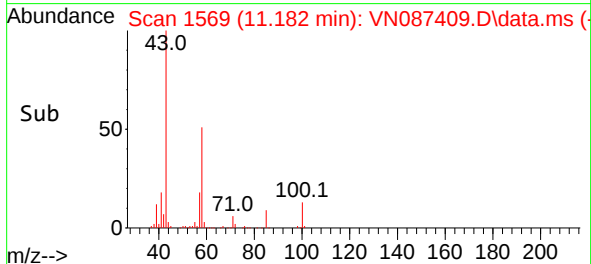


#59
2-Hexanone
Concen: 86.352 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :

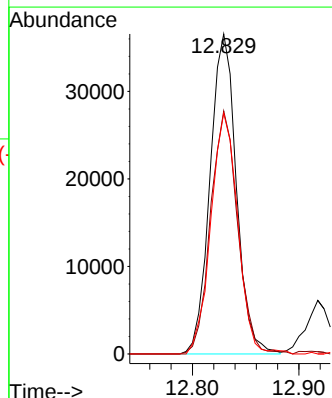
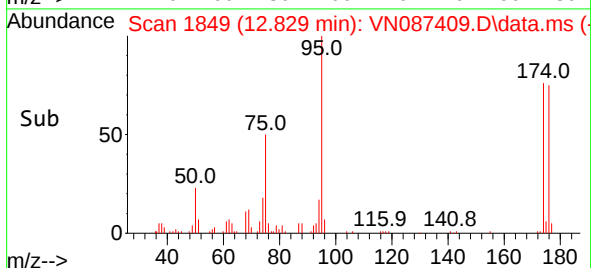
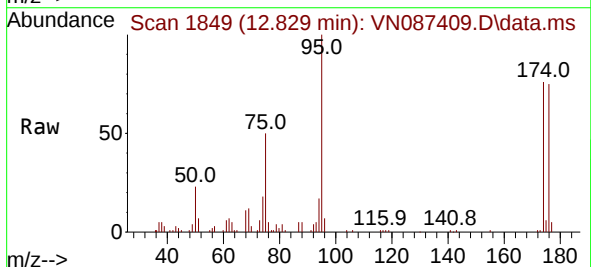


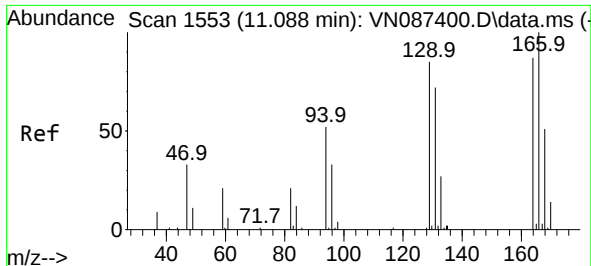
Tgt Ion: 43 Resp: 191011
Ion Ratio Lower Upper
43 100
58 50.5 40.5 60.7
57 18.2 14.0 21.0



#60
4-Bromofluorobenzene
Concen: 28.045 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

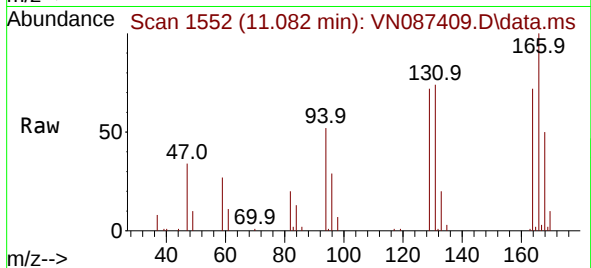
Tgt Ion: 95 Resp: 62708
Ion Ratio Lower Upper
95 100
174 77.9 62.1 93.1
176 76.2 57.9 86.9



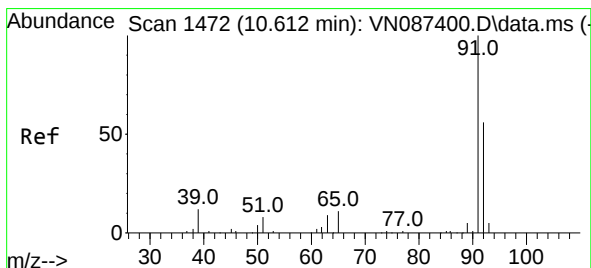
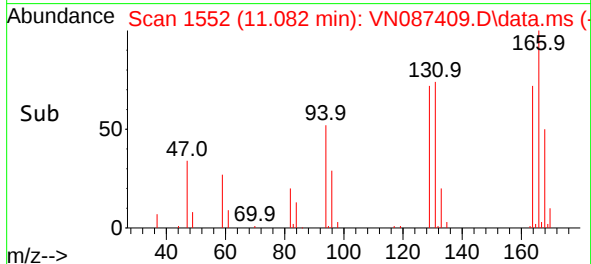
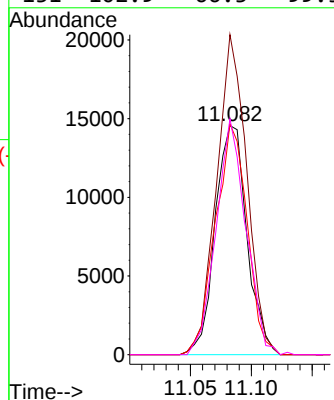


#61
Tetrachloroethene
Concen: 17.666 ug/l
RT: 11.082 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :

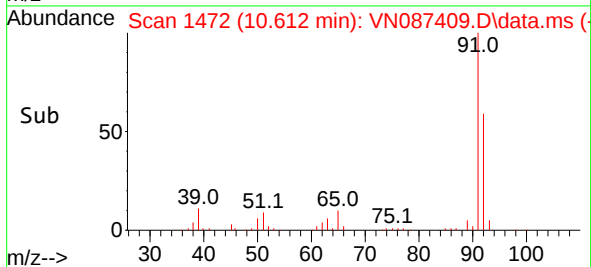
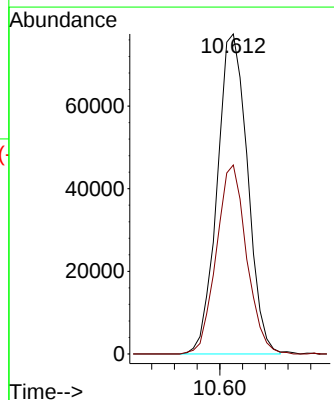
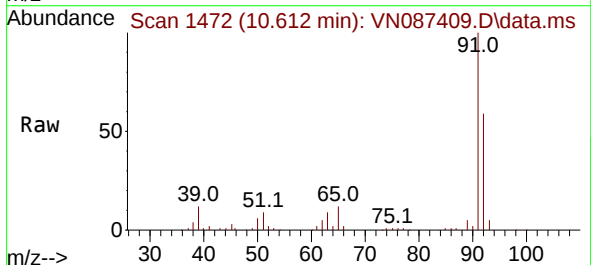


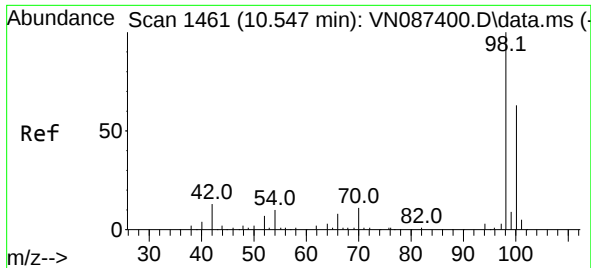
Tgt Ion:164 Resp: 26439
Ion Ratio Lower Upper
164 100
166 139.7 91.7 137.5#
129 100.8 77.8 116.6
131 102.9 66.3 99.5#



#62
Toluene
Concen: 17.602 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 91 Resp: 143671
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.0

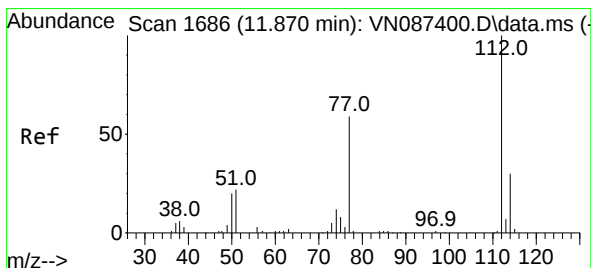
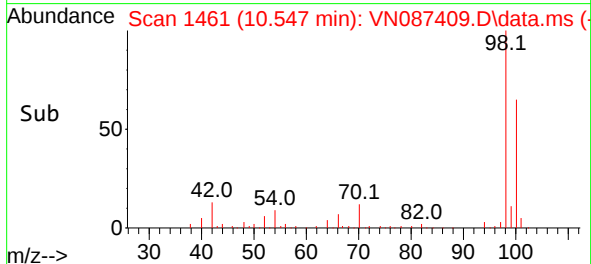
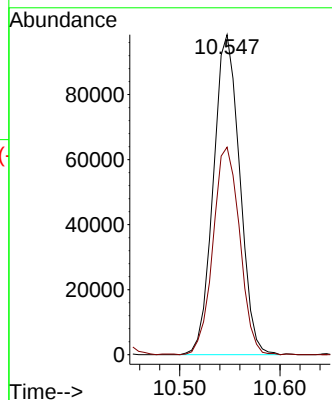
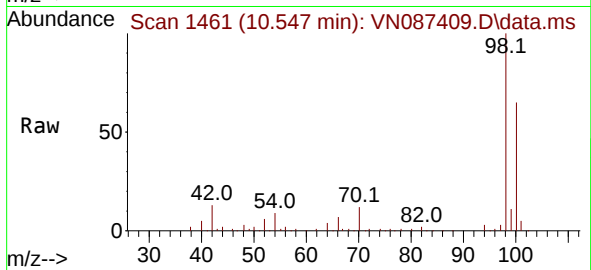




#63
Toluene-d8
Concen: 29.478 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

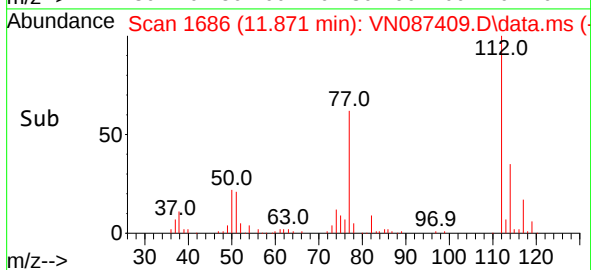
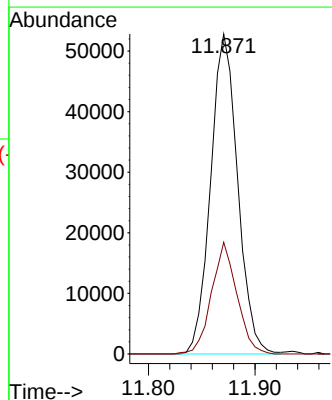
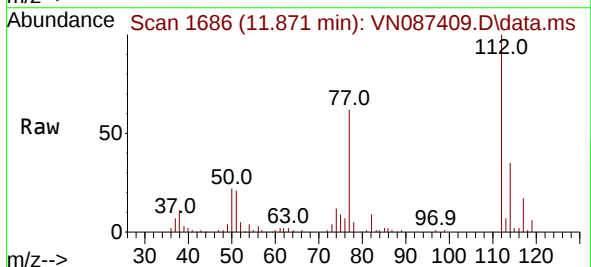
Instrument :
MSVOA_N
ClientSampleId :

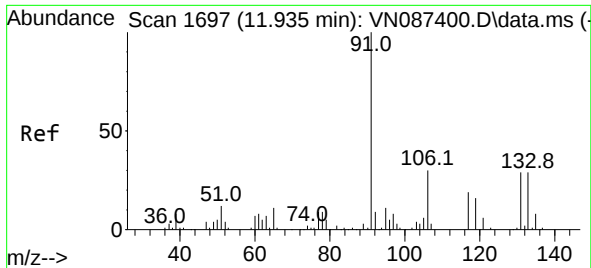
Tgt Ion: 98 Resp: 179667
Ion Ratio Lower Upper
98 100
100 65.6 51.1 76.7



#64
Chlorobenzene
Concen: 17.869 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 112 Resp: 93247
Ion Ratio Lower Upper
112 100
114 34.9 24.0 36.0

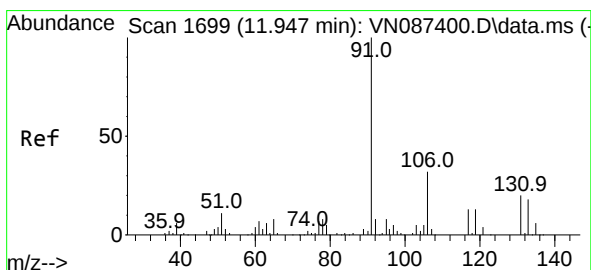
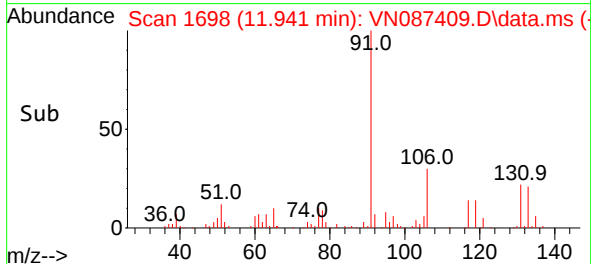
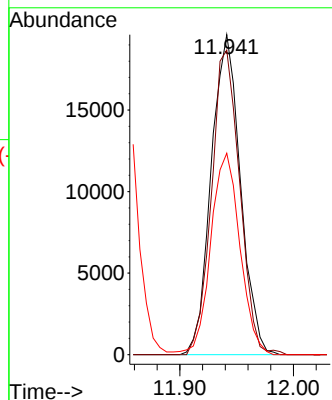
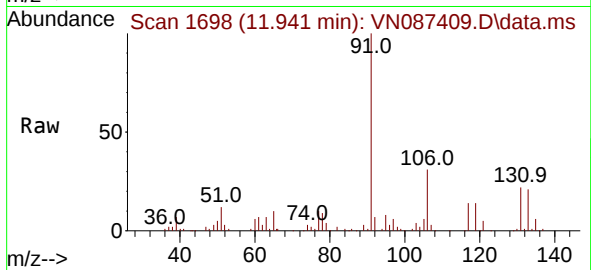




#65
1,1,1,2-Tetrachloroethane
Concen: 18.387 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

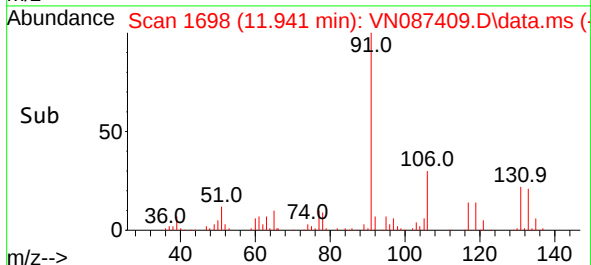
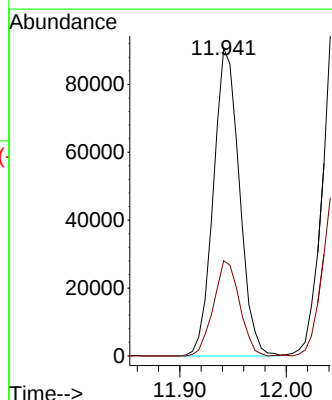
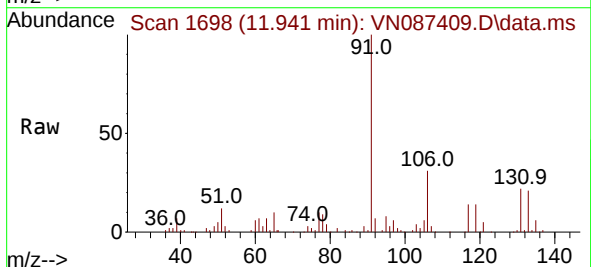
Instrument :
MSVOA_N
ClientSampleId :

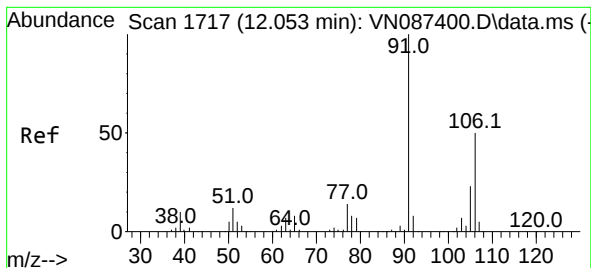
Tgt Ion:131 Resp: 35064
Ion Ratio Lower Upper
131 100
133 91.6 0.0 193.0
119 63.0 0.0 128.2



#66
Ethyl Benzene
Concen: 17.393 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 91 Resp: 153692
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6

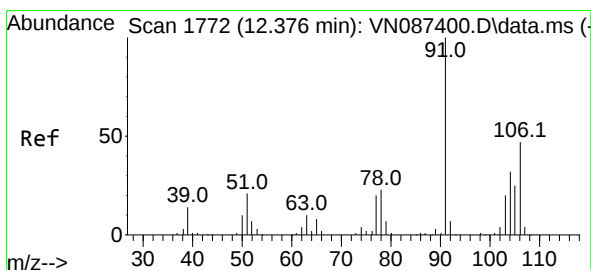
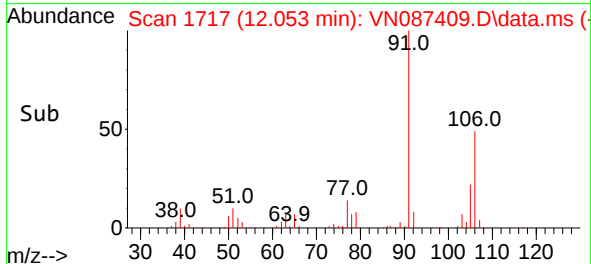
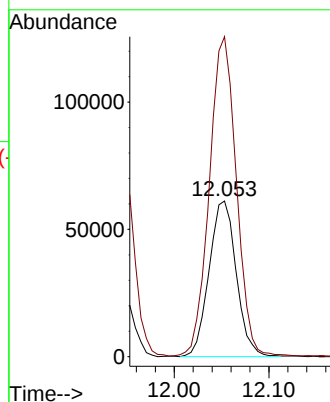
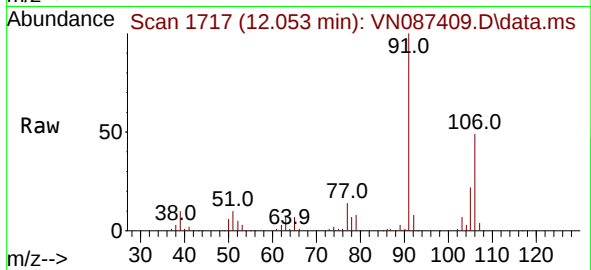




#67
m/p-Xylenes
Concen: 34.893 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

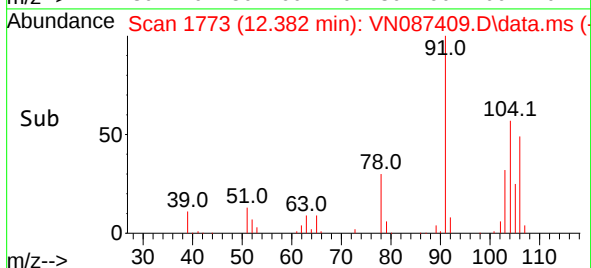
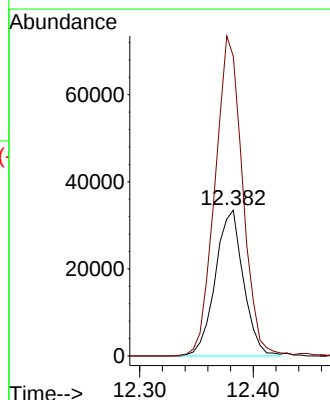
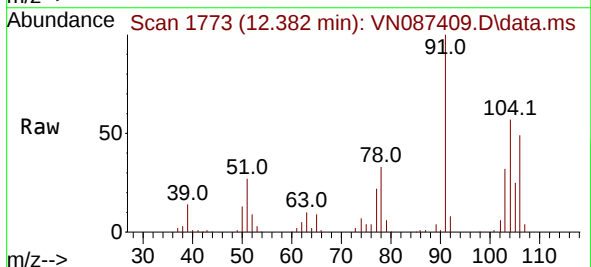
Instrument :
MSVOA_N
ClientSampleId :

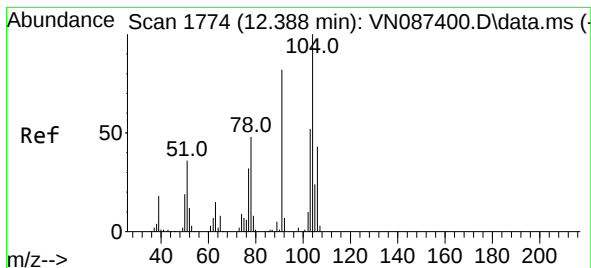
Tgt Ion:106 Resp: 122019
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2



#68
o-Xylene
Concen: 17.174 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:106 Resp: 57608
Ion Ratio Lower Upper
106 100
91 215.4 106.6 319.8





#69

Styrene

Concen: 17.088 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

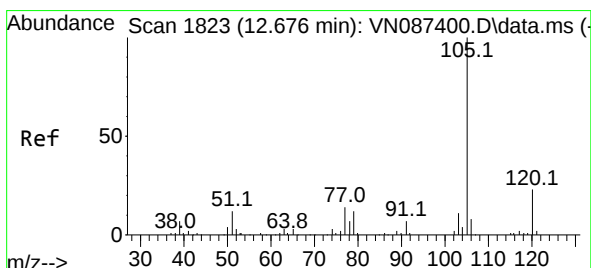
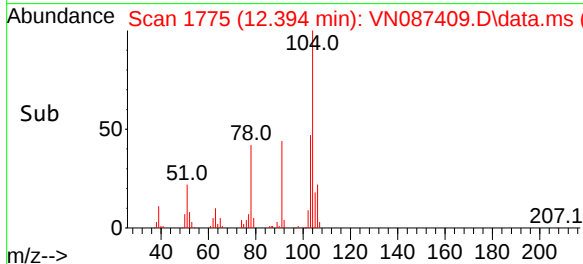
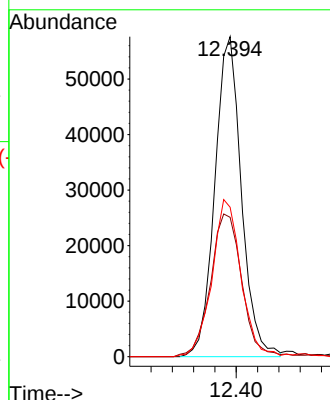
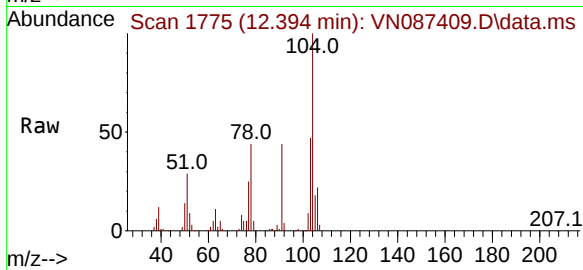
Tgt Ion:104 Resp: 99727

Ion Ratio Lower Upper

104 100

78 52.4 40.7 61.1

103 53.3 43.4 65.2



#70

Isopropylbenzene

Concen: 16.770 ug/l

RT: 12.677 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087409.D

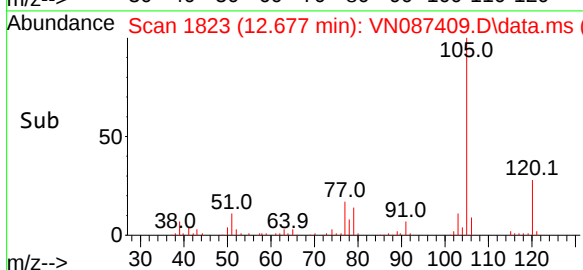
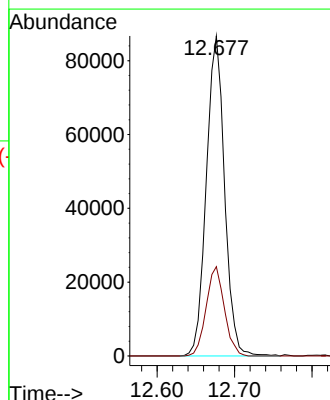
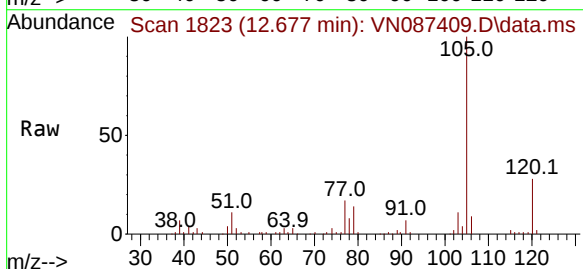
Acq: 24 Jul 2025 09:50

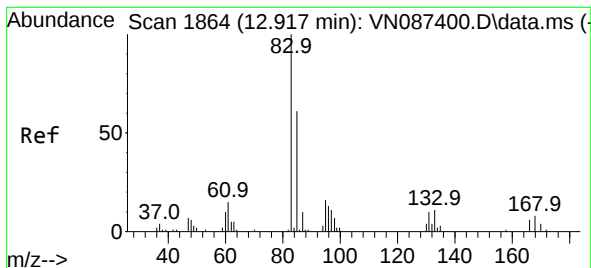
Tgt Ion:105 Resp: 141677

Ion Ratio Lower Upper

105 100

120 27.8 17.6 32.6

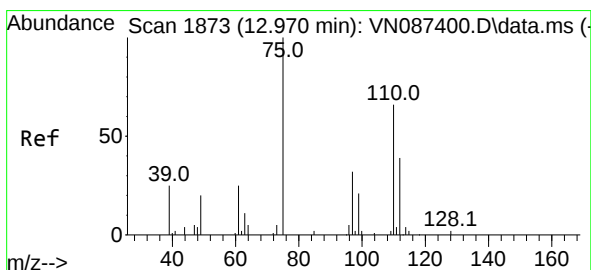
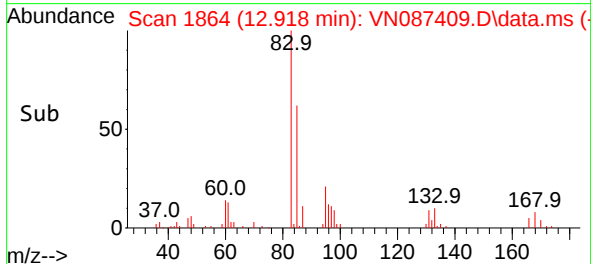
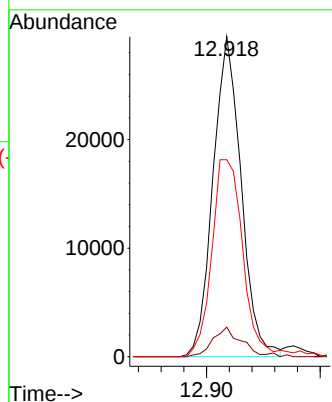
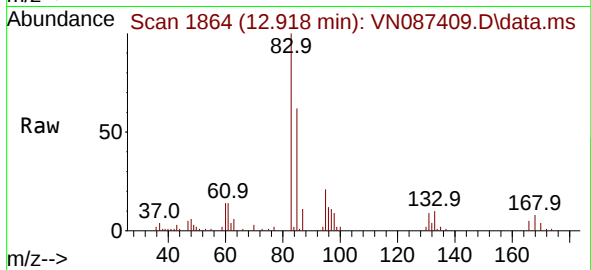




#71
1,1,2,2-Tetrachloroethane
Concen: 17.068 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

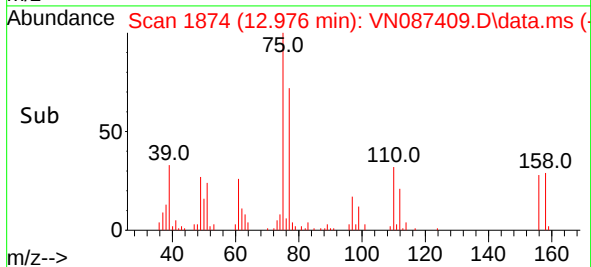
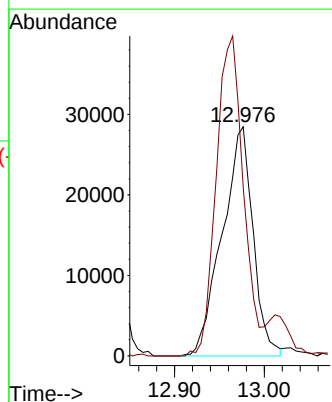
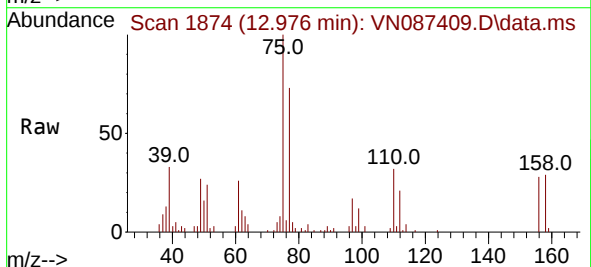
Instrument :
MSVOA_N
ClientSampleId :

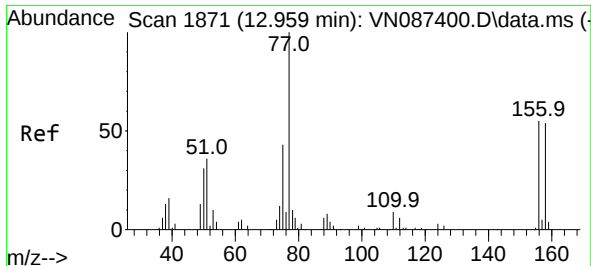
Tgt Ion: 83 Resp: 50724
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 67.0 30.6 91.6



#72
1,2,3-Trichloropropane
Concen: 25.593 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 75 Resp: 67951
Ion Ratio Lower Upper
75 100
77 121.6 0.0 361.2

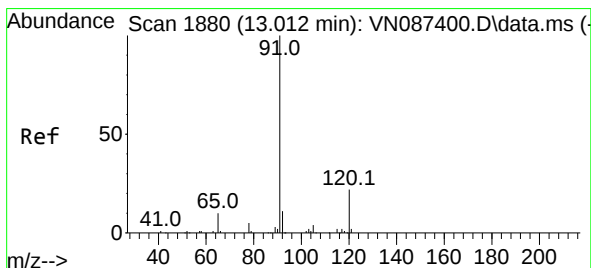
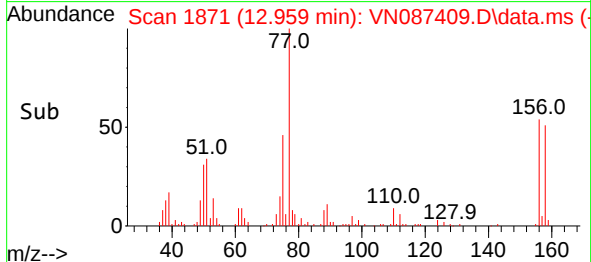
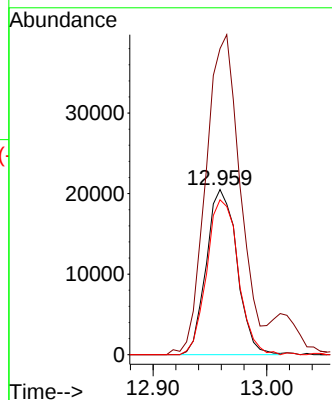
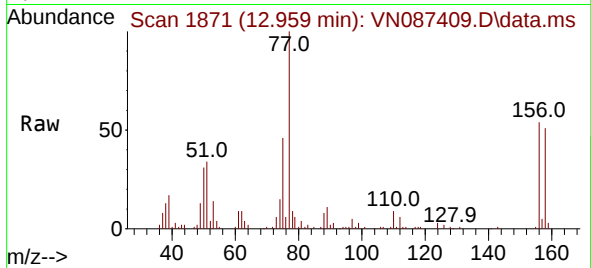




#73
Bromobenzene
Concen: 17.461 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

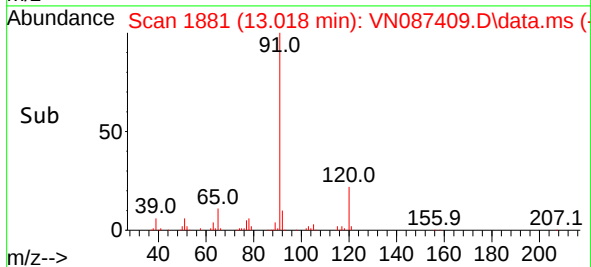
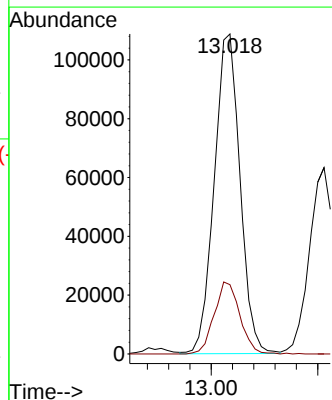
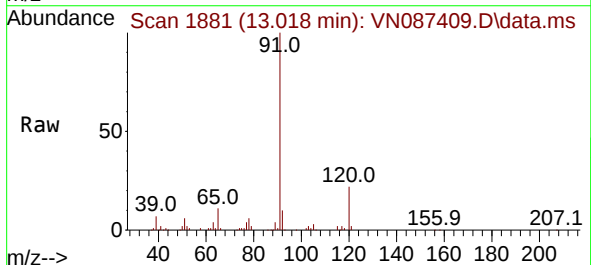
Instrument :
MSVOA_N
ClientSampleId :

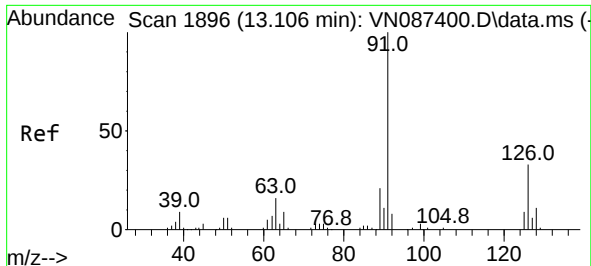
Tgt Ion:156 Resp: 38397
Ion Ratio Lower Upper
156 100
77 215.2 0.0 440.6
158 96.1 0.0 195.0



#74
n-propylbenzene
Concen: 17.099 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion: 91 Resp: 182425
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.6

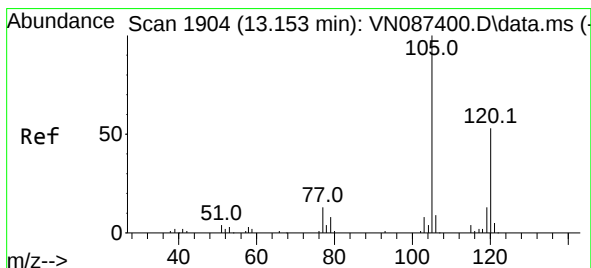
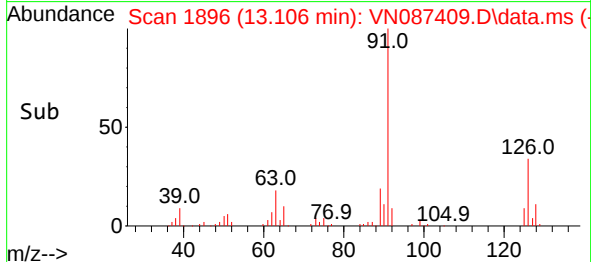
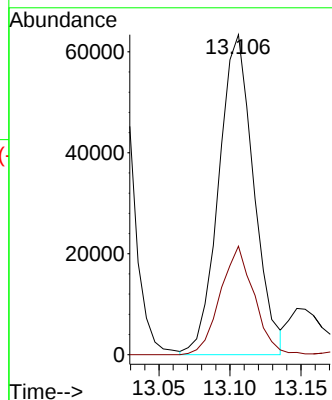
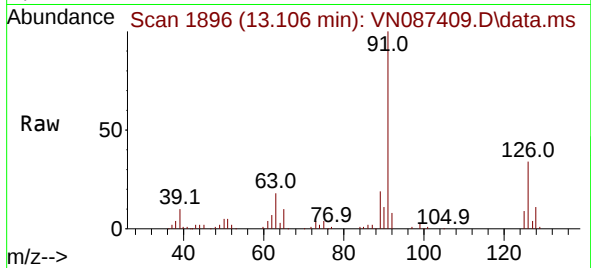




#75
2-Chlorotoluene
Concen: 16.977 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

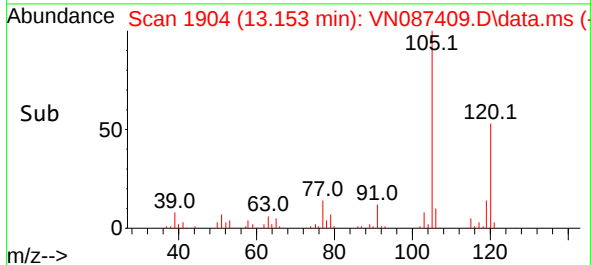
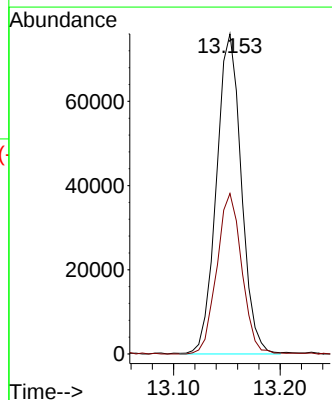
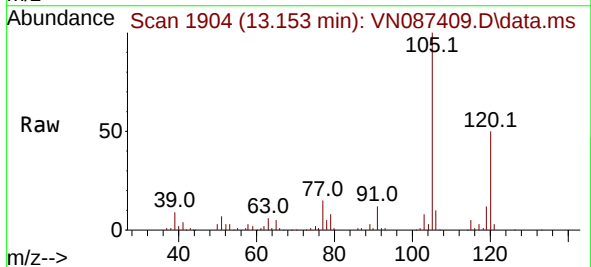
Instrument :
MSVOA_N
ClientSampleId :

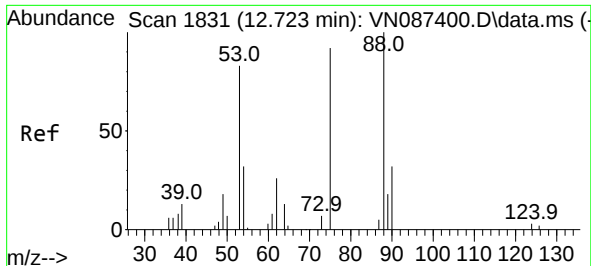
Tgt Ion: 91 Resp: 108786
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 16.782 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:105 Resp: 123324
Ion Ratio Lower Upper
105 100
120 50.1 0.0 97.4

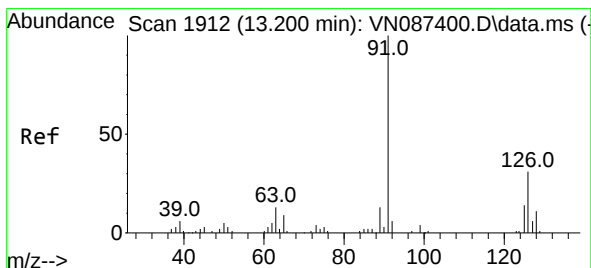
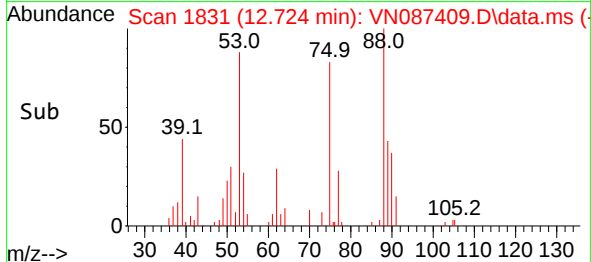
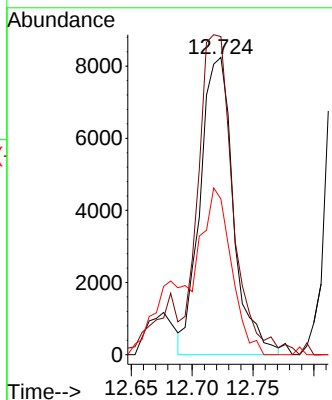
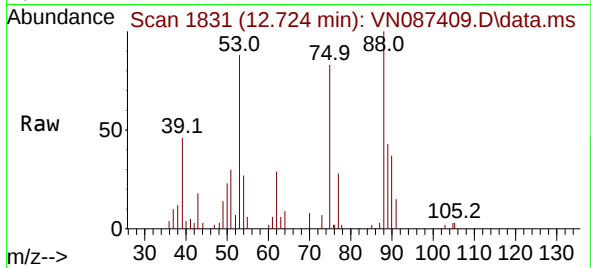




#77
t-1,4-Dichloro-2-butene
Concen: 14.739 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

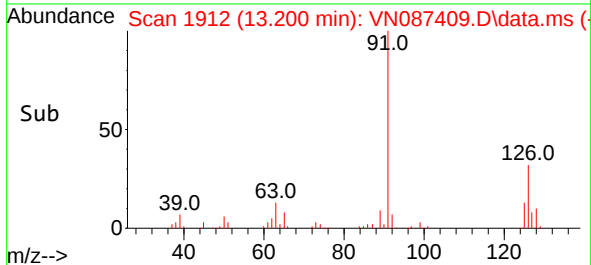
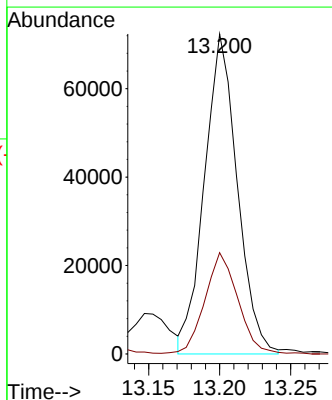
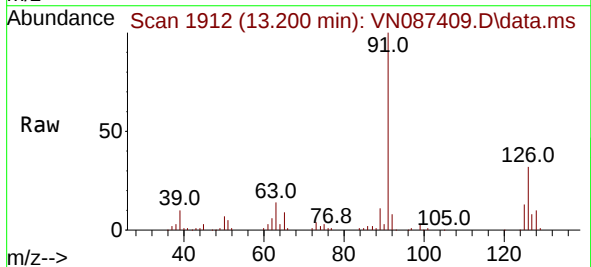
Instrument :
MSVOA_N
ClientSampleId :

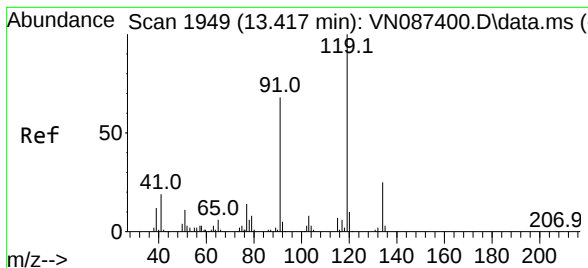
Tgt Ion:	75	Resp:	15639
Ion	Ratio	Lower	Upper
75	100		
53	107.2	44.0	131.8
89	53.6	17.0	50.9#



#78
4-Chlorotoluene
Concen: 17.006 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:	91	Resp:	116219
Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	66.6

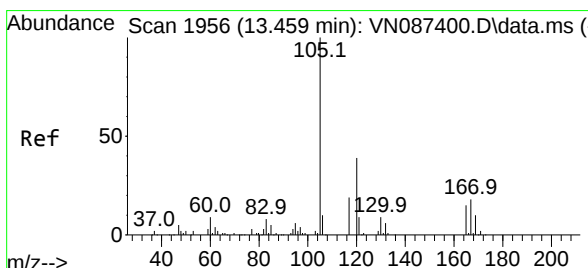
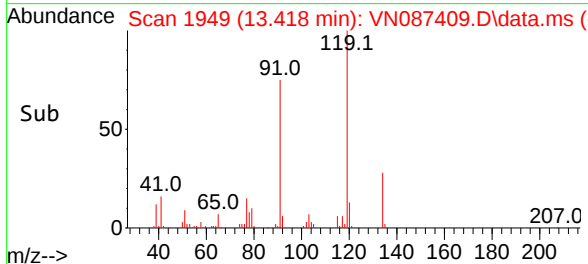
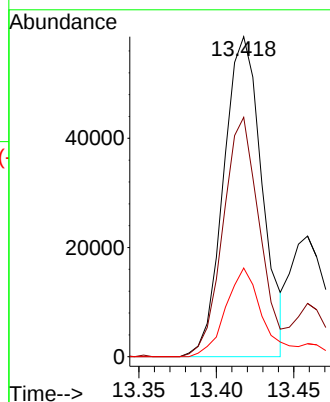
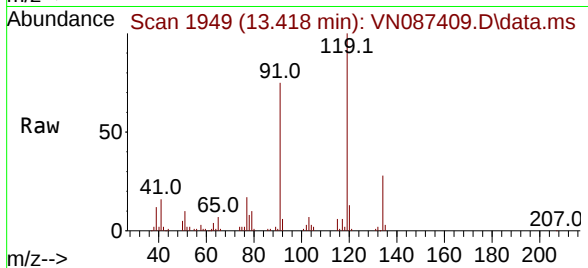




#79
tert-butylbenzene
Concen: 16.251 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

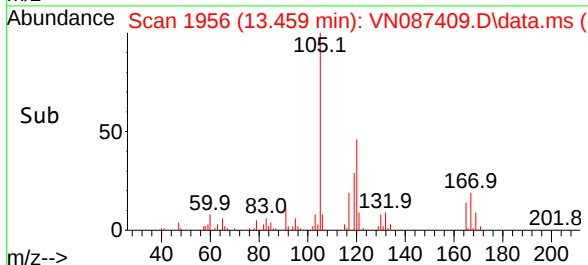
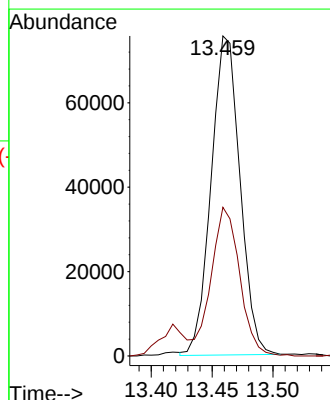
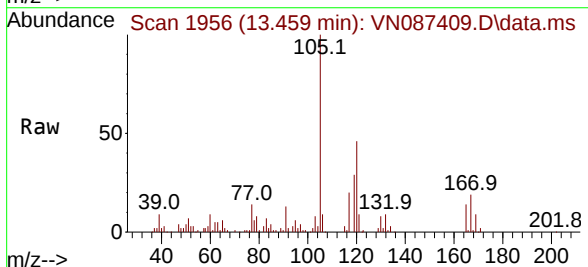
Instrument :
MSVOA_N
ClientSampleId :

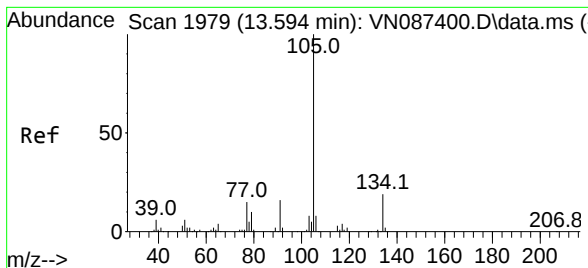
Tgt Ion:119 Resp: 101421
Ion Ratio Lower Upper
119 100
91 70.7 0.0 134.8
134 26.3 0.0 52.0



#80
1,2,4-Trimethylbenzene
Concen: 16.644 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087409.D
Acq: 24 Jul 2025 09:50

Tgt Ion:105 Resp: 124854
Ion Ratio Lower Upper
105 100
120 46.5 0.0 93.6

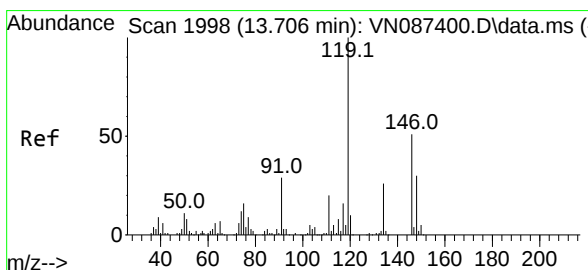
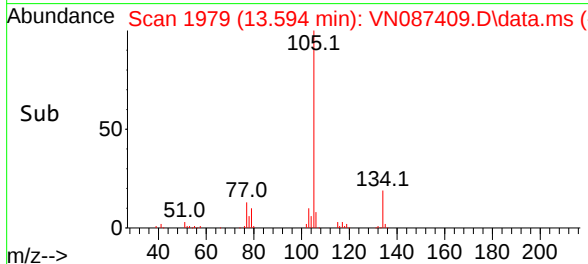
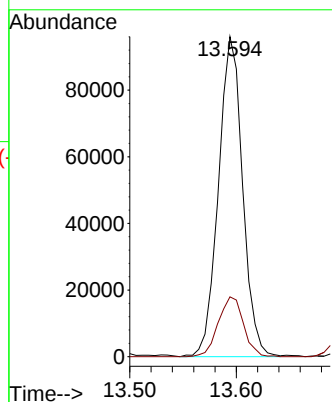
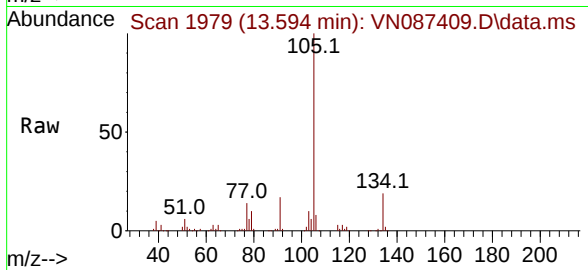




#81
 sec-Butylbenzene
 Concen: 16.776 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

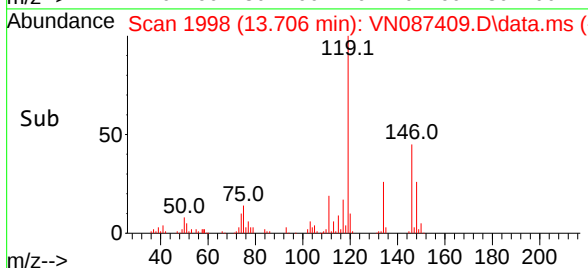
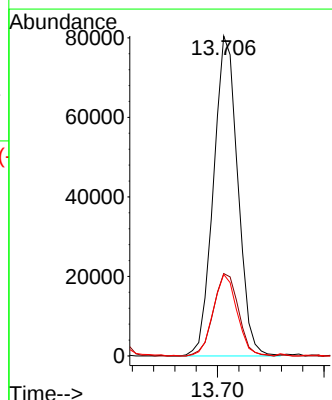
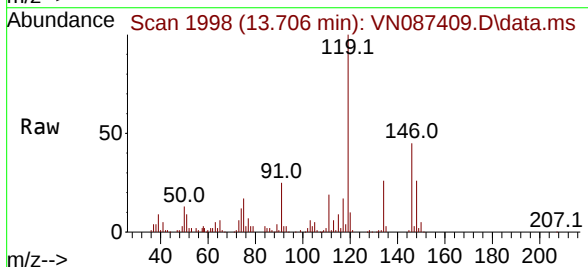
Instrument :
 MSVOA_N
 ClientSampleId :

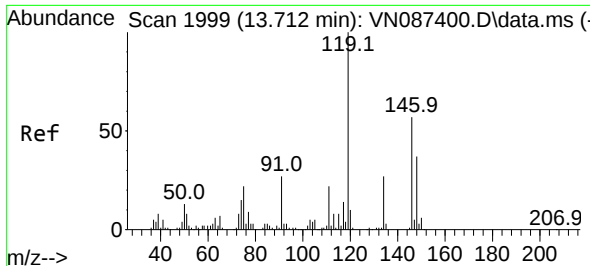
Tgt Ion:105 Resp: 151101
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 16.459 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

Tgt Ion:119 Resp: 127233
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 25.1 0.0 54.2

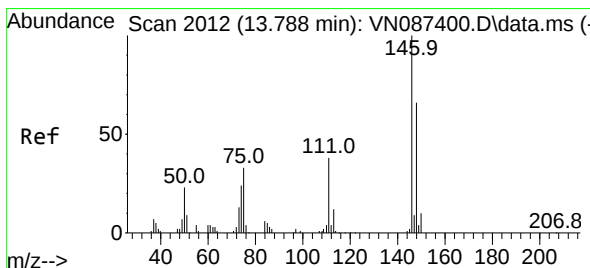
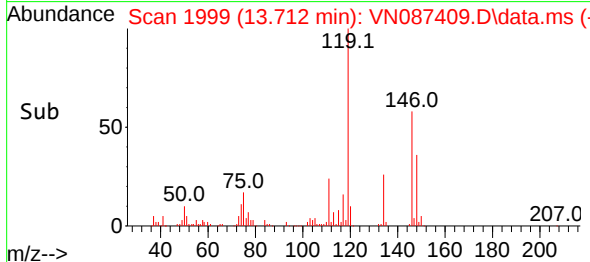
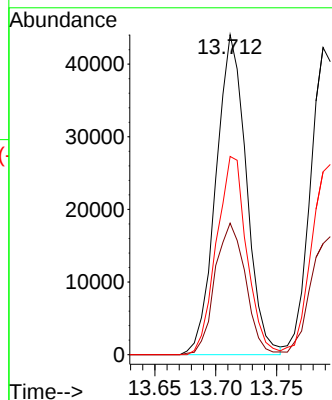
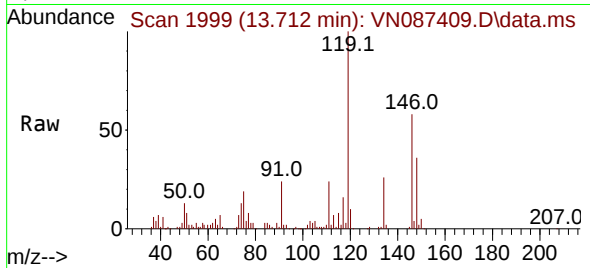




#83
 1,3-Dichlorobenzene
 Concen: 17.299 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

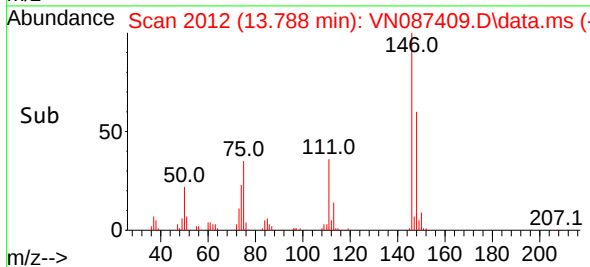
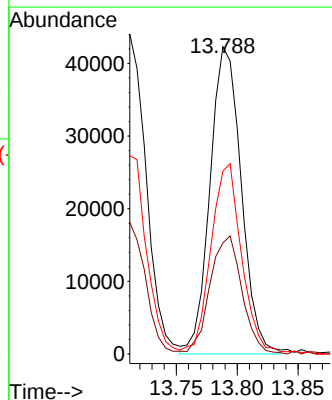
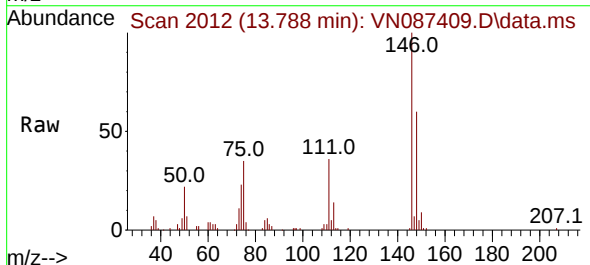
Instrument :
 MSVOA_N
 ClientSampleId :

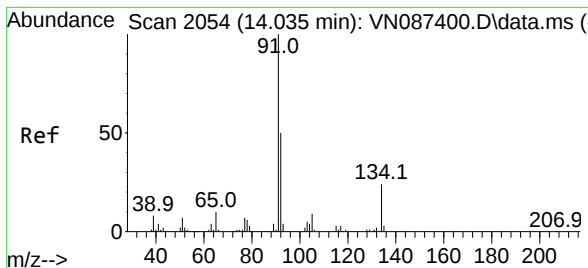
Tgt Ion:146 Resp: 76643
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.2 60.6
 148 61.8 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 17.264 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087409.D
 Acq: 24 Jul 2025 09:50

Tgt Ion:146 Resp: 75501
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 60.9 32.4 97.2





#85

n-Butylbenzene

Concen: 16.359 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

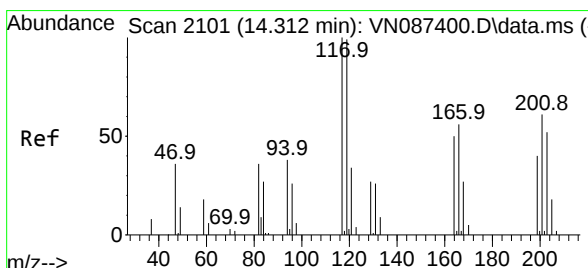
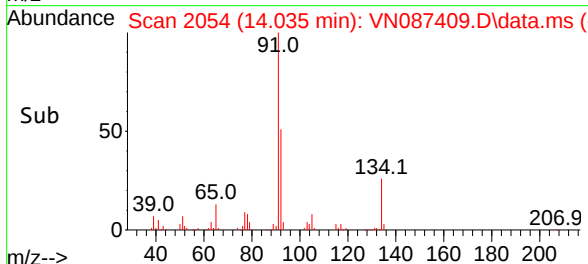
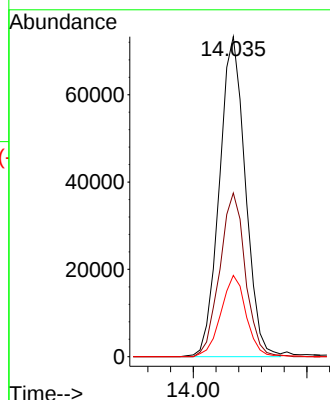
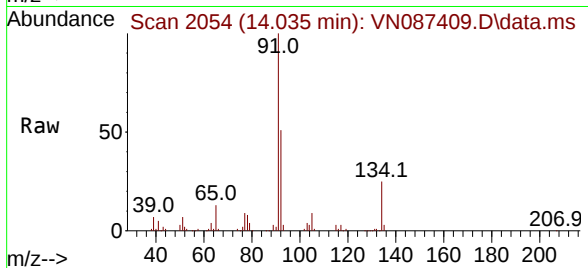
Tgt Ion: 91 Resp: 116471

Ion Ratio Lower Upper

91 100

92 50.3 0.0 101.4

134 24.6 0.0 48.6



#86

Hexachloroethane

Concen: 16.823 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087409.D

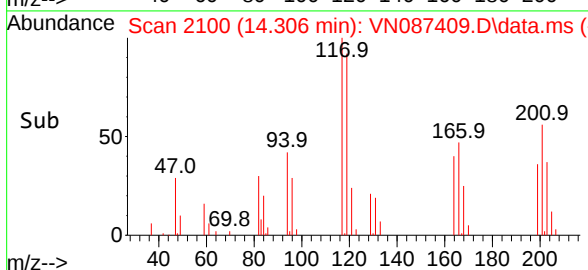
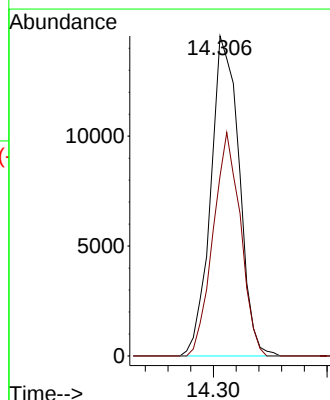
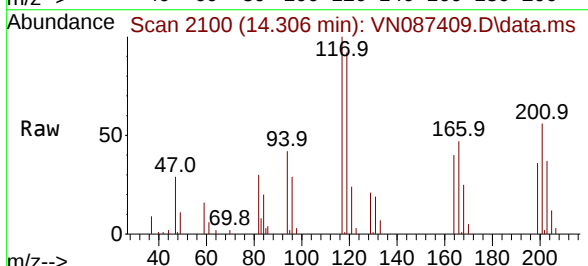
Acq: 24 Jul 2025 09:50

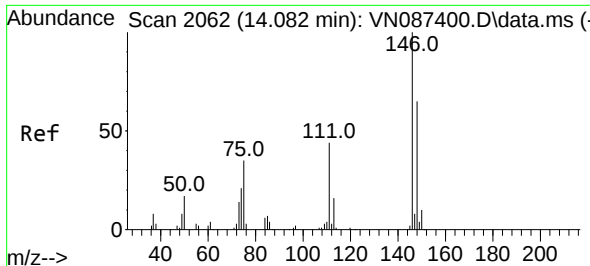
Tgt Ion: 117 Resp: 25307

Ion Ratio Lower Upper

117 100

201 67.4 34.2 102.5





#87

1,2-Dichlorobenzene

Concen: 17.003 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

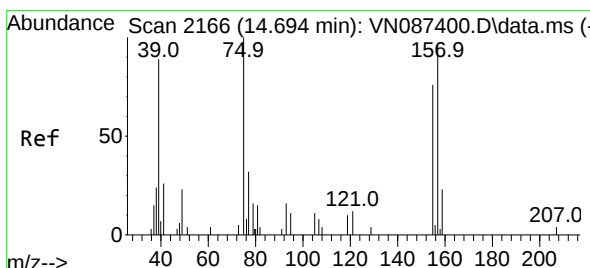
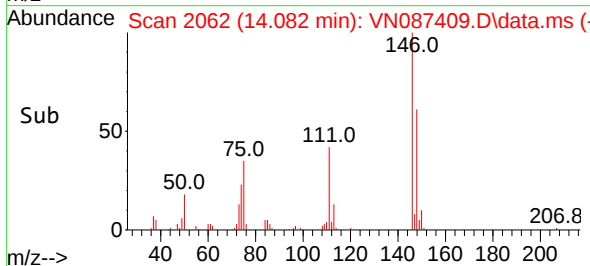
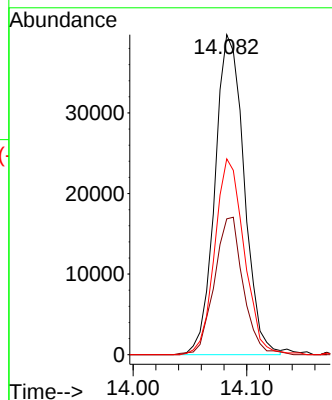
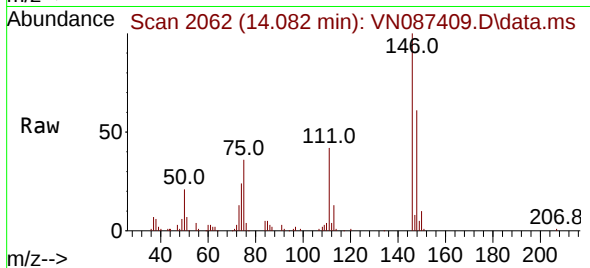
Tgt Ion:146 Resp: 70930

Ion Ratio Lower Upper

146 100

111 41.9 21.9 65.8

148 61.6 31.2 93.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.285 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

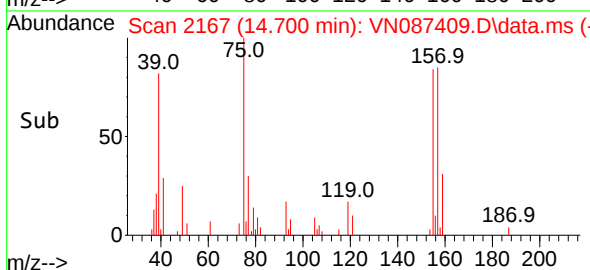
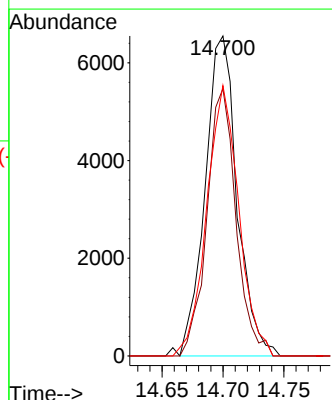
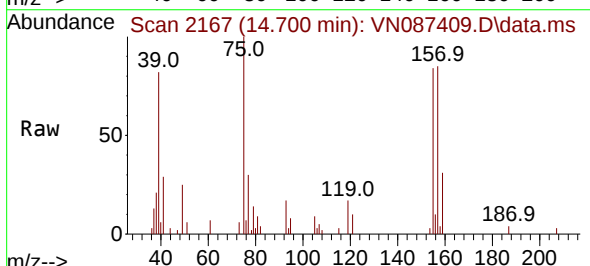
Tgt Ion: 75 Resp: 11952

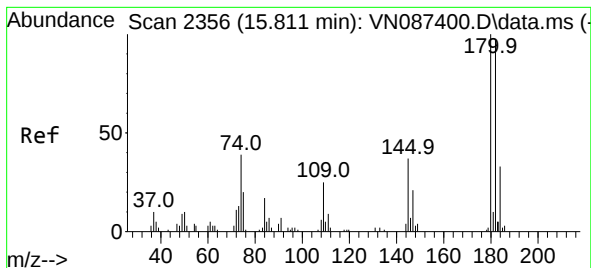
Ion Ratio Lower Upper

75 100

155 76.3 61.3 91.9

157 84.9 85.5 128.3#





#89

1,2,4-Trichlorobenzene

Concen: 17.109 ug/l

RT: 15.812 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

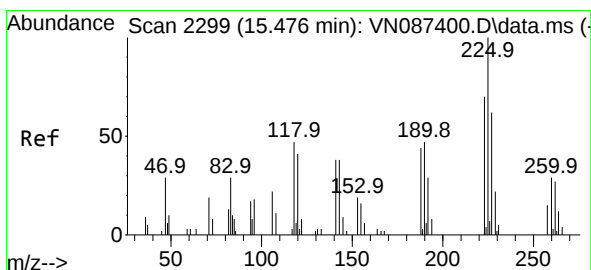
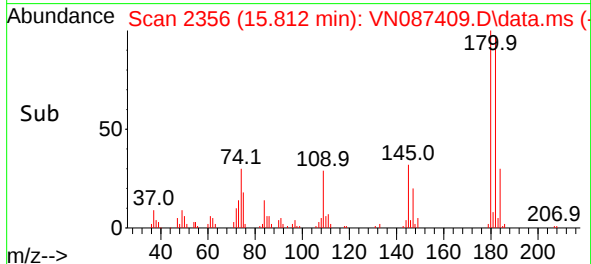
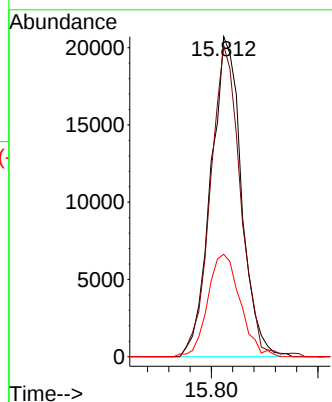
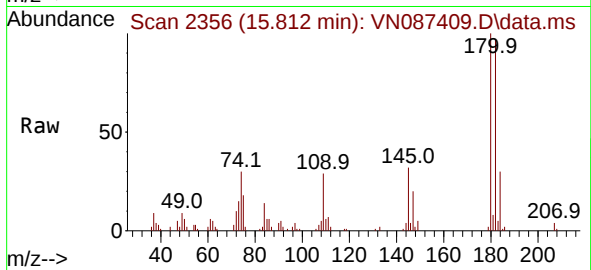
Tgt Ion:180 Resp: 41171

Ion Ratio Lower Upper

180 100

182 95.1 74.2 111.2

145 33.6 29.3 43.9



#90

Hexachlorobutadiene

Concen: 17.522 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

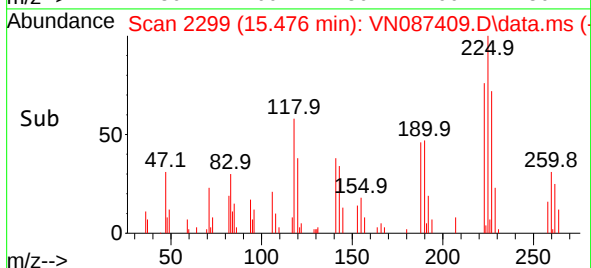
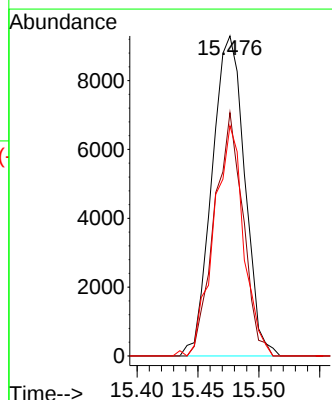
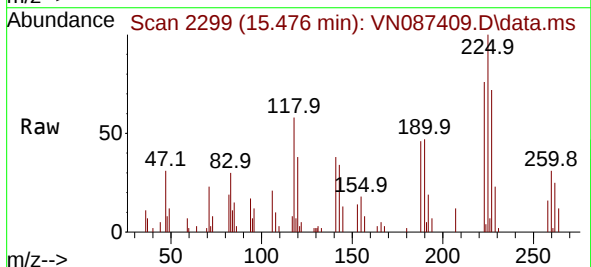
Tgt Ion:225 Resp: 17392

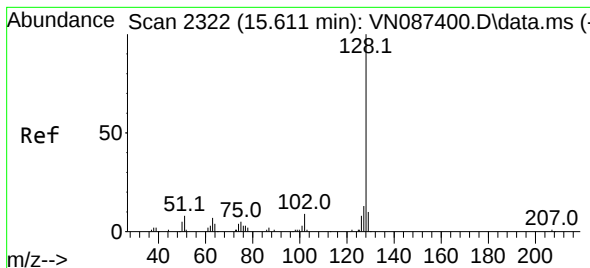
Ion Ratio Lower Upper

225 100

223 66.7 0.0 125.2

227 65.4 0.0 122.4





#91

Naphthalene

Concen: 16.270 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

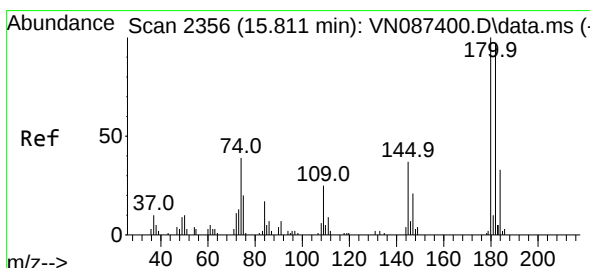
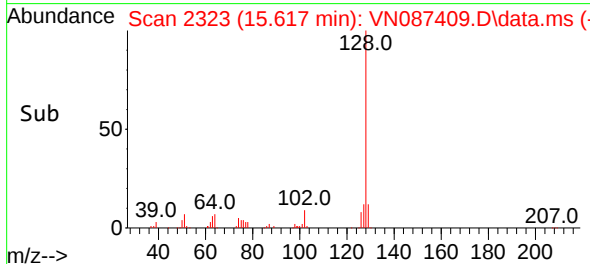
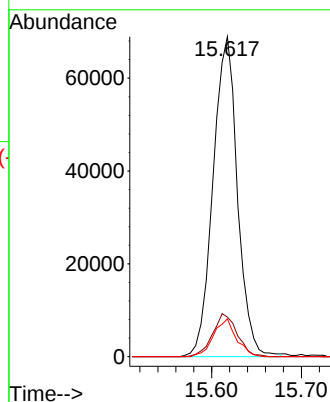
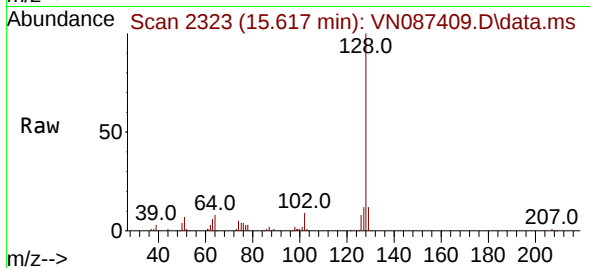
Tgt Ion:128 Resp: 130313

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 17.109 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087409.D

Acq: 24 Jul 2025 09:50

Tgt Ion:180 Resp: 41171

Ion Ratio Lower Upper

180 100

182 95.1 0.0 185.4

145 33.6 0.0 73.2

