

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087458.D
 Acq On : 05 Aug 2025 15:43
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080525

Quant Time: Aug 06 02:12:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	71823	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	404390	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	367577	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	202347	30.545	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.800%	
60) 4-Bromofluorobenzene	12.829	95	192410	30.417	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.400%	
63) Toluene-d8	10.547	98	513267	30.347	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.167%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	87746	18.712	ug/l	98
3) Chloromethane	2.383	50	85826	17.839	ug/l	97
4) Vinyl Chloride	2.542	62	97923	19.190	ug/l	92
5) Bromomethane	2.983	94	53929	19.525	ug/l	85
6) Chloroethane	3.142	64	59300	18.022	ug/l	96
7) Trichlorofluoromethane	3.506	101	133795	18.219	ug/l	100
8) Diethyl Ether	3.959	74	56065	18.325	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	68759	18.360	ug/l	88
10) 1,1-Dichloroethene	4.336	96	71378	18.145	ug/l	90
11) Methyl Iodide	4.583	142	48013	15.501	ug/l	96
12) Methyl Acetate	5.018	43	133791	18.431	ug/l	95
13) Acrolein	4.177	56	114938	103.668	ug/l	98
14) Acrylonitrile	5.712	53	287956	90.843	ug/l	98
15) Acetone	4.424	58	88879	98.134	ug/l	96
16) Carbon Disulfide	4.706	76	219977	18.028	ug/l	99
17) Allyl chloride	5.018	41	149799	18.683	ug/l	88
18) Methylene Chloride	5.265	84	93115	18.387	ug/l	96
19) trans-1,2-Dichloroethene	5.765	96	83760	17.906	ug/l	96
20) Diisopropyl ether	6.659	45	327254	17.917	ug/l	99
21) 1,1-Dichloroethane	6.559	63	171210	18.134	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	103737	18.023	ug/l	100
23) tert-Butyl Alcohol	5.530	59	128000	95.030	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	324724	18.116	ug/l	98
25) Chloroform	7.953	83	177598	18.021	ug/l	94
26) Cyclohexane	8.241	56	135890	17.977	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	117565	17.825	ug/l	98
30) 2-Butanone	7.471	43	435716	89.621	ug/l	99
31) 2,2-Dichloropropane	7.477	77	158483	18.630	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	151313	17.988	ug/l	96
33) Carbon Tetrachloride	8.347	117	124231	17.777	ug/l	93
34) Benzene	8.588	78	376019	18.060	ug/l	95
35) Methacrylonitrile	7.765	41	95290	18.163	ug/l	96
36) 1,2-Dichloroethane	8.653	62	150784	17.918	ug/l	99
37) Trichloroethene	9.335	130	82742	18.041	ug/l	97
38) Methylcyclohexane	9.582	83	136830	17.882	ug/l	98
39) 1,2-Dichloropropane	9.600	63	94981	17.793	ug/l	96
40) Dibromomethane	9.688	93	69241	17.288	ug/l	93
41) Bromodichloromethane	9.871	83	146339	17.583	ug/l	98
42) Vinyl Acetate	6.589	43	1423556	88.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	171684	18.279	ug/l	99
44) Isopropyl Acetate	8.677	43	278498	17.492	ug/l	100
45) 1,4-Dioxane	9.677	88	38322	377.572	ug/l	98
46) Methyl methacrylate	9.665	41	127548	16.972	ug/l	92
47) n-amyl Acetate	12.523	43	28620	3.254	ug/l #	66
48) t-1,3-Dichloropropene	10.818	75	157686	17.415	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	162308	17.812	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	90030	17.791	ug/l	93
51) Ethyl methacrylate	10.859	69	153822	17.260	ug/l	95
52) 1,3-Dichloropropane	11.141	76	161040	17.664	ug/l	99
53) Dibromochloromethane	11.335	129	101996	17.453	ug/l	98
54) 1,2-Dibromoethane	11.453	107	93933	17.486	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	443163	94.458	ug/l	99
56) Bromoform	12.559	173	65682	16.992	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	848509	89.734	ug/l	100
59) 2-Hexanone	11.182	43	570046	88.726	ug/l	100
61) Tetrachloroethene	11.082	164	64788	18.092	ug/l	96
62) Toluene	10.612	91	405628	17.879	ug/l	100
64) Chlorobenzene	11.871	112	248284	17.811	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	85480	17.440	ug/l	98
66) Ethyl Benzene	11.941	91	452435	17.892	ug/l	100
67) m/p-Xylenes	12.053	106	323616	34.866	ug/l	100
68) o-Xylene	12.376	106	159060	17.419	ug/l	100
69) Styrene	12.394	104	269120	17.260	ug/l	98
70) Isopropylbenzene	12.676	105	412806	17.794	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	140546	17.682	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	192129	25.946	ug/l	53
73) Bromobenzene	12.959	156	91029	16.926	ug/l	96
74) n-propylbenzene	13.012	91	521263	17.991	ug/l	99
75) 2-Chlorotoluene	13.106	91	315743	17.717	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	356748	17.960	ug/l	100
77) t-1,4-Dichloro-2-butene	12.723	75	47247	16.855	ug/l	90
78) 4-Chlorotoluene	13.200	91	327647	18.142	ug/l	99
79) tert-butylbenzene	13.417	119	299129	17.861	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	358425	18.058	ug/l	98
81) sec-Butylbenzene	13.594	105	447713	18.364	ug/l	99
82) p-Isopropyltoluene	13.706	119	367898	18.174	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	187078	18.268	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	188698	18.174	ug/l	99
85) n-Butylbenzene	14.035	91	370033	18.683	ug/l	99
86) Hexachloroethane	14.312	117	69621	17.612	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	178646	18.275	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	35995	17.876	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	107490	18.399	ug/l	99
90) Hexachlorobutadiene	15.476	225	42365	18.649	ug/l	95
91) Naphthalene	15.611	128	404839	18.174	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	107490	18.399	ug/l	99

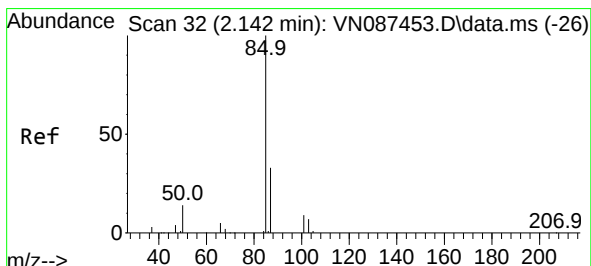
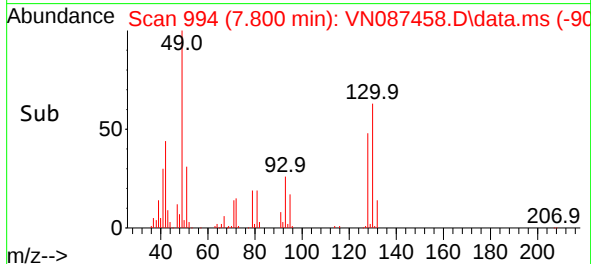
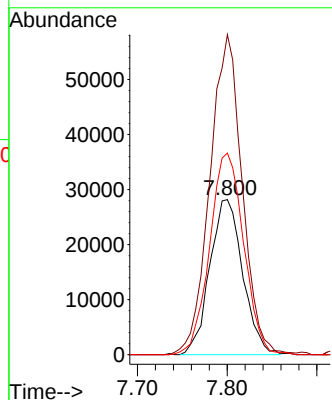
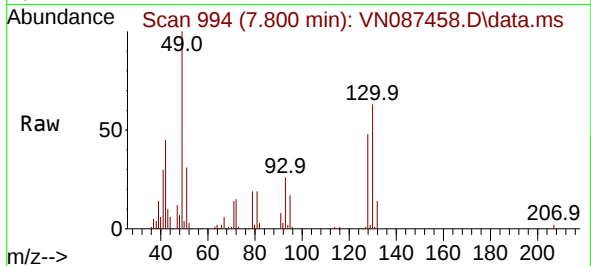
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

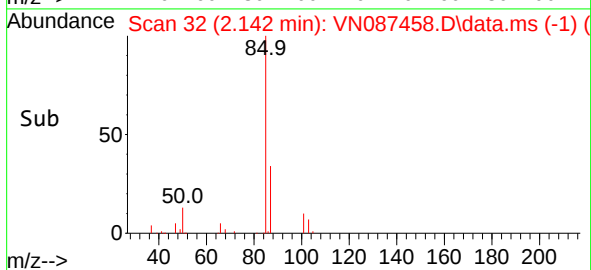
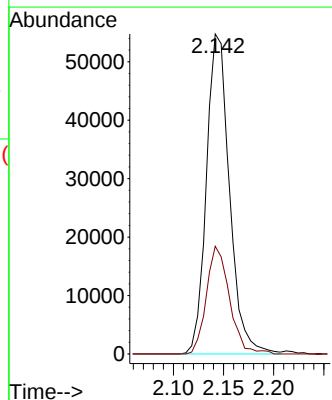
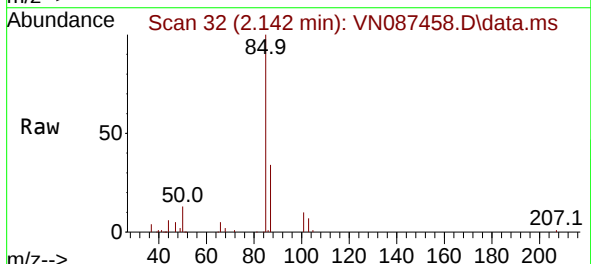
Instrument :
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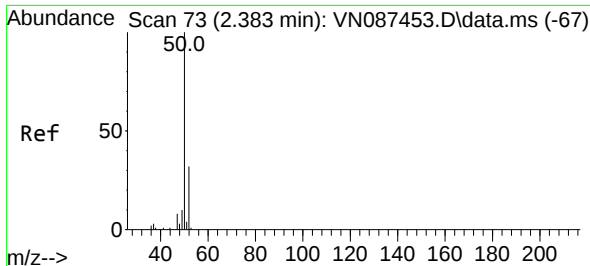
Tgt Ion:128 Resp: 71823
Ion Ratio Lower Upper
128 100
49 202.5 0.0 494.8
130 134.5 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 18.712 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 85 Resp: 87746
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.2

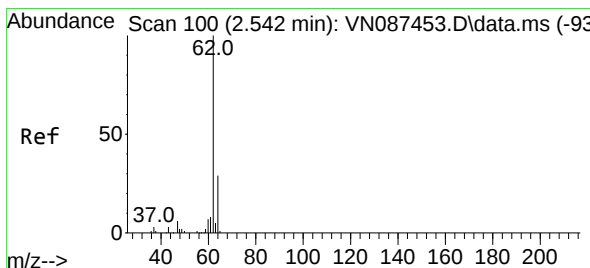
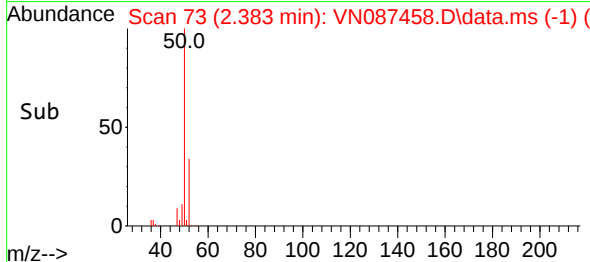
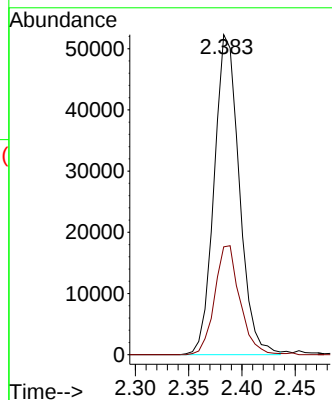
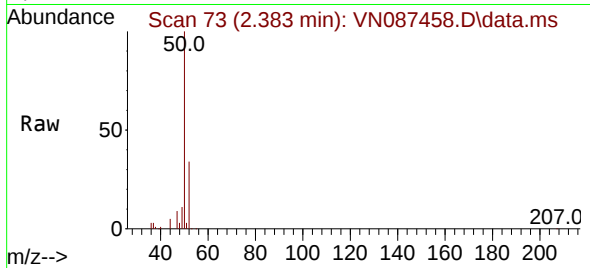




#3
Chloromethane
Concen: 17.839 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

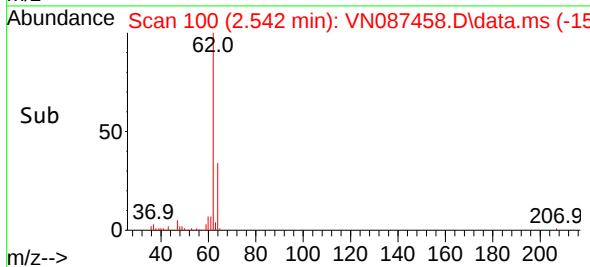
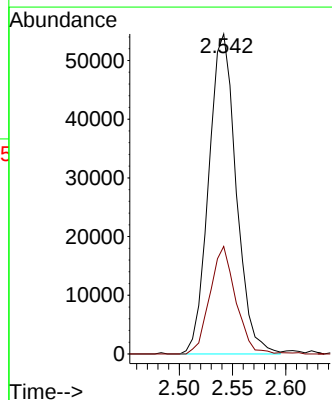
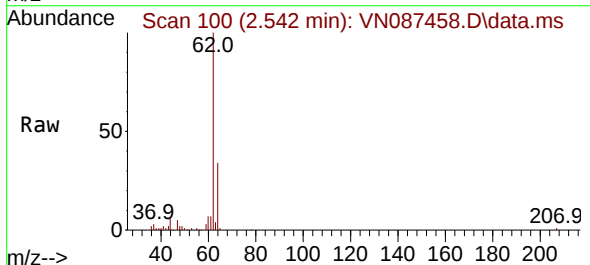
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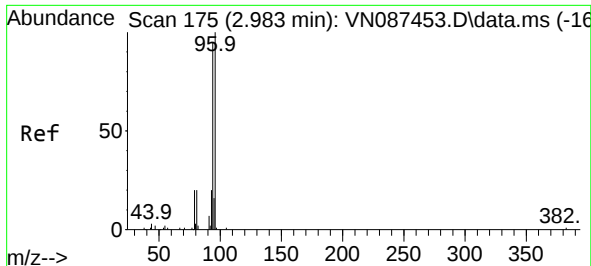
Tgt Ion: 50 Resp: 85826
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.6



#4
Vinyl Chloride
Concen: 19.190 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 62 Resp: 97923
Ion Ratio Lower Upper
62 100
64 33.6 23.4 35.2

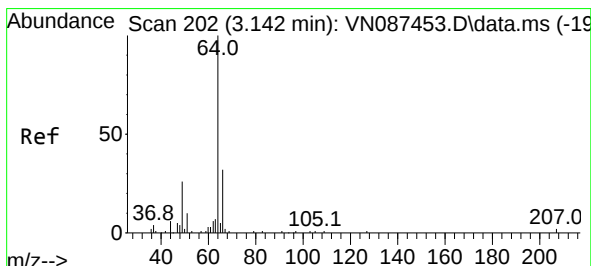
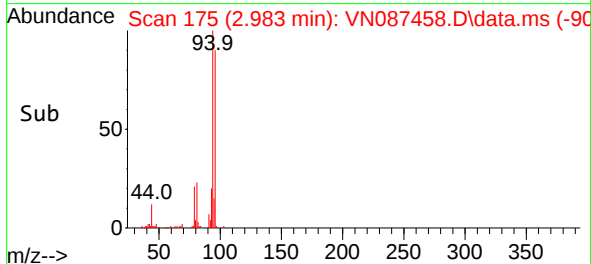
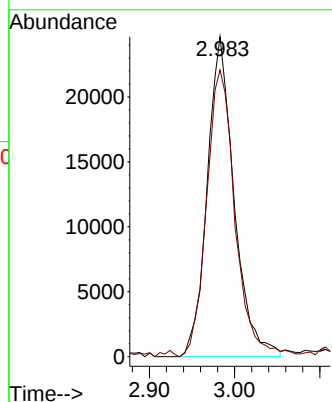
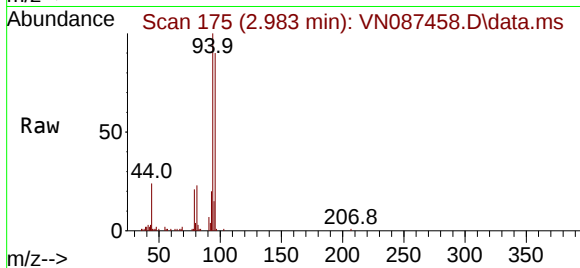




#5
Bromomethane
Concen: 19.525 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

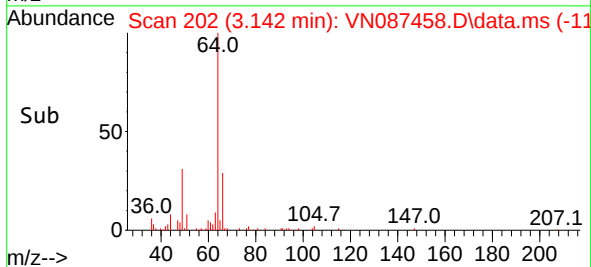
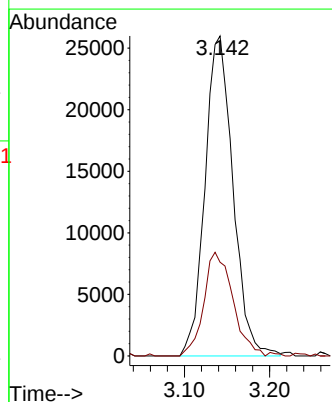
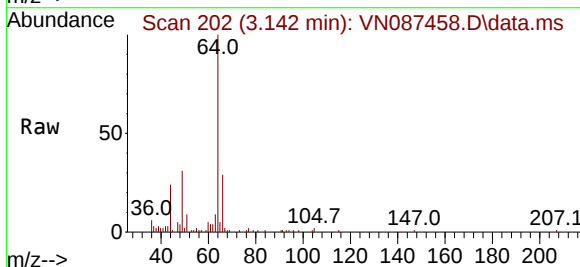
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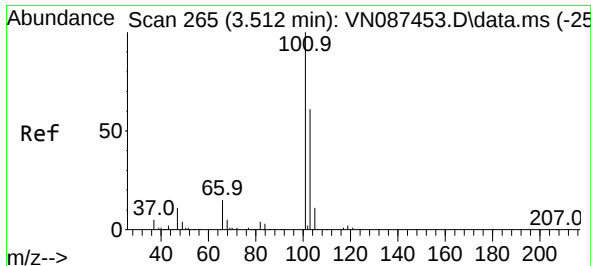
Tgt Ion: 94 Resp: 53929
Ion Ratio Lower Upper
94 100
96 89.6 84.2 126.4



#6
Chloroethane
Concen: 18.022 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 64 Resp: 59300
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.0

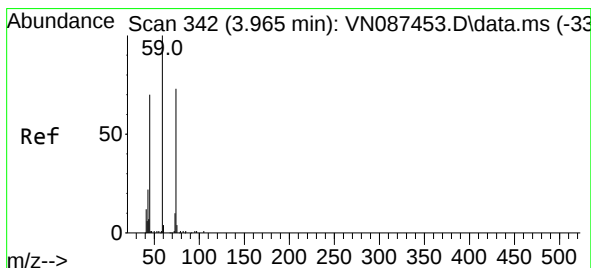
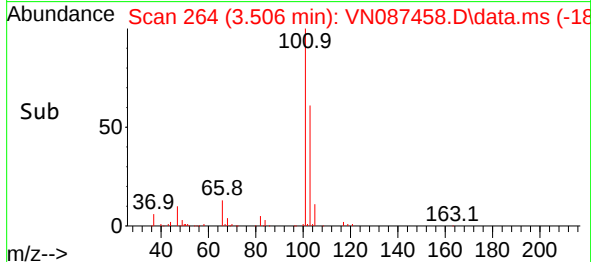
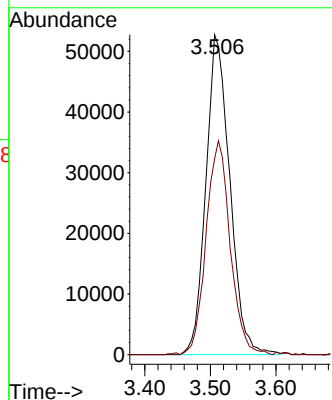
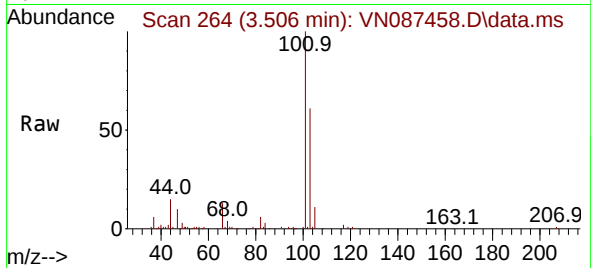




#7
 Trichlorofluoromethane
 Concen: 18.219 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. -0.006 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

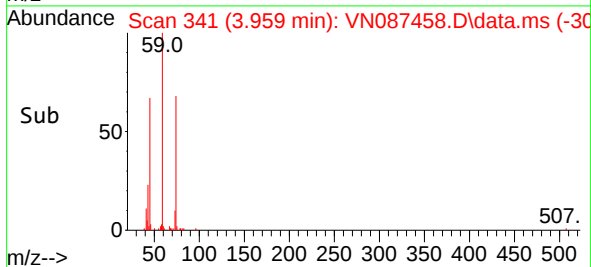
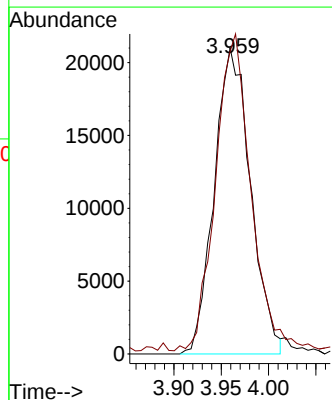
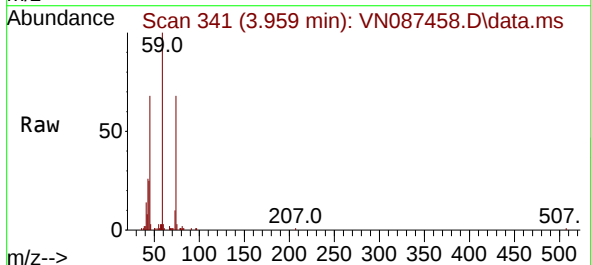
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Tgt Ion:101 Resp: 133795
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.325 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

Tgt Ion: 74 Resp: 56065
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.1 180.9

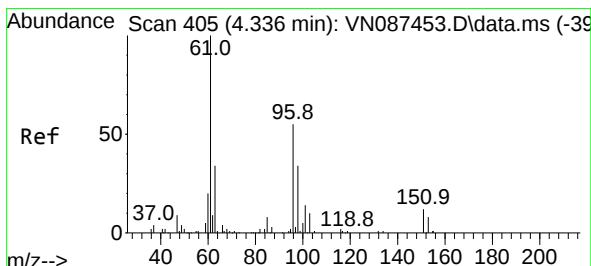
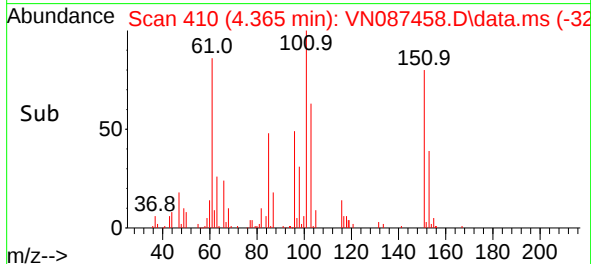
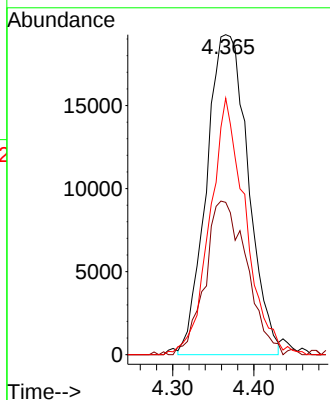
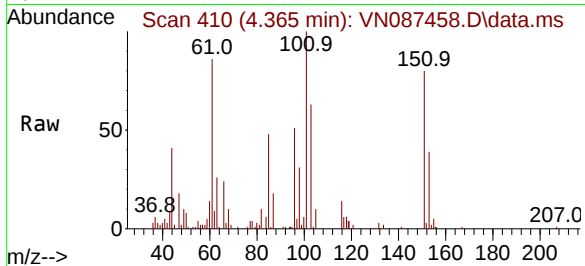




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.360 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

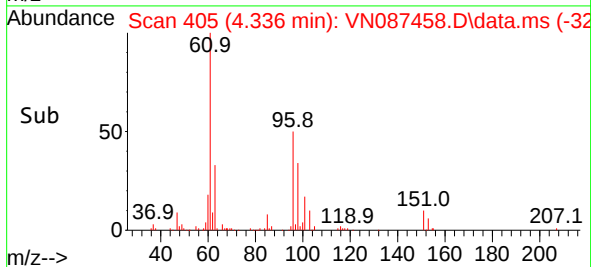
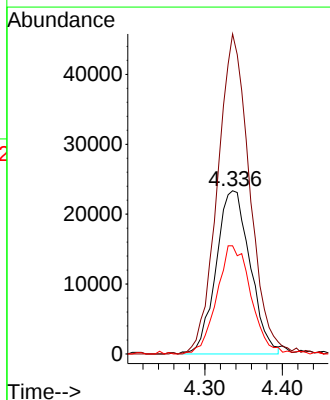
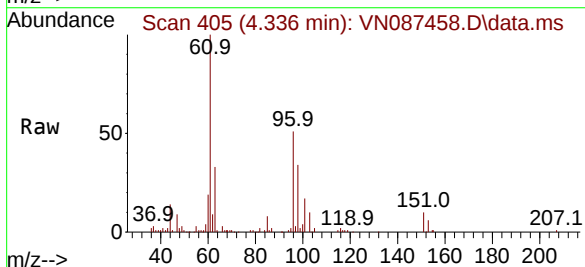
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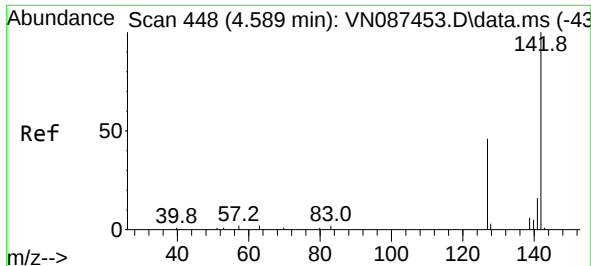
Tgt Ion:101 Resp: 68759
 Ion Ratio Lower Upper
 101 100
 85 47.8 0.0 57.0
 151 68.0 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 18.145 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

Tgt Ion: 96 Resp: 71378
 Ion Ratio Lower Upper
 96 100
 61 196.0 144.2 216.4
 98 66.3 49.7 74.5

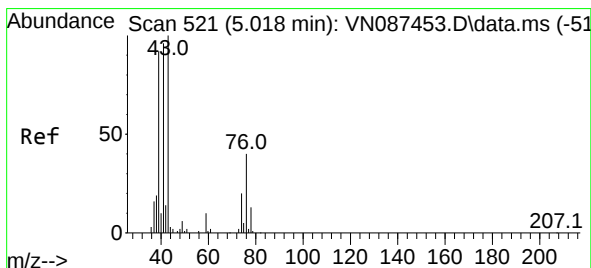
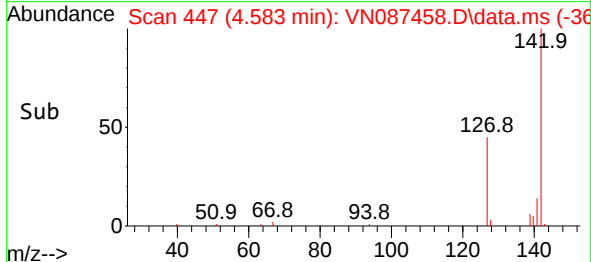
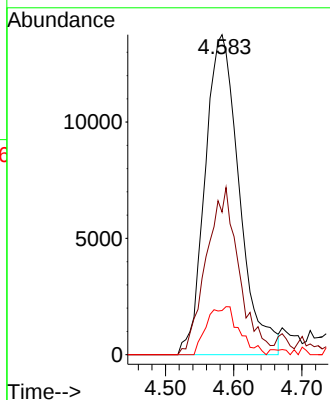
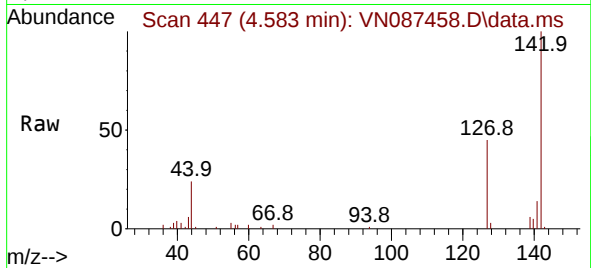




#11
Methyl Iodide
Concen: 15.501 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

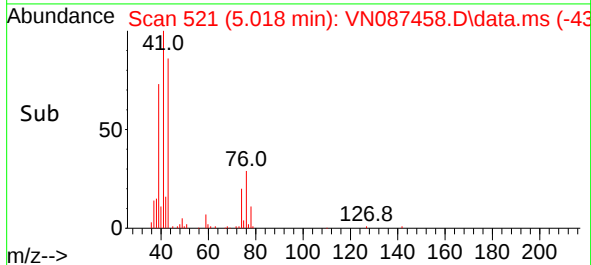
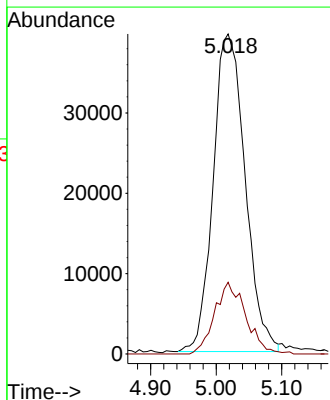
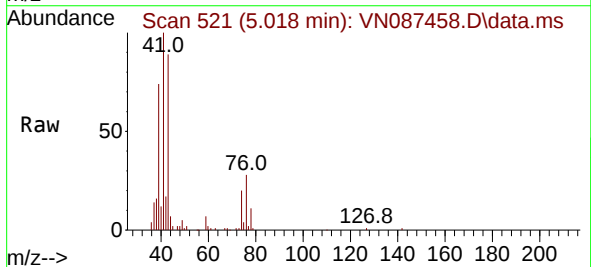
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

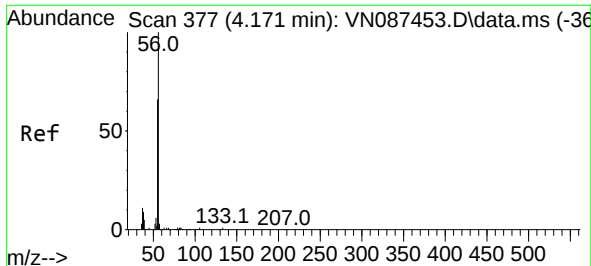
Tgt Ion:142 Resp: 48013
Ion Ratio Lower Upper
142 100
127 43.1 22.9 68.7
141 13.5 7.7 23.1



#12
Methyl Acetate
Concen: 18.431 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 43 Resp: 133791
Ion Ratio Lower Upper
43 100
74 22.5 16.0 24.0

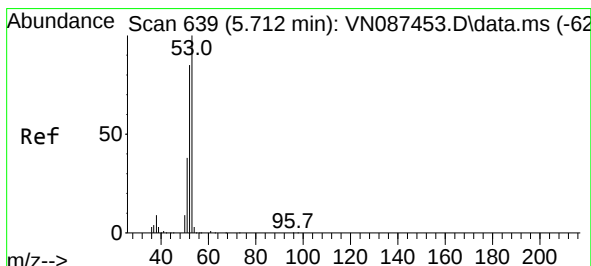
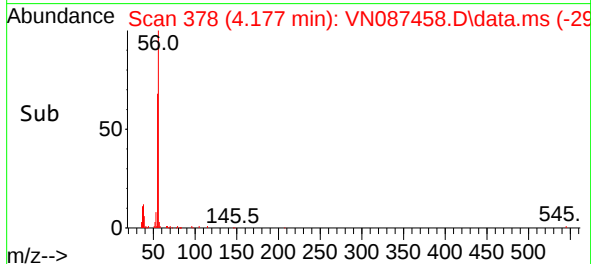
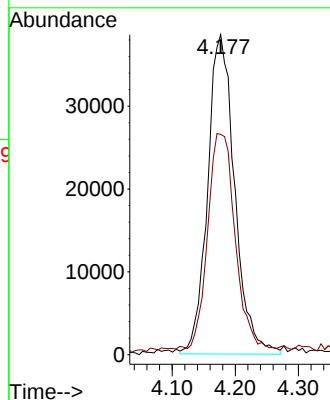
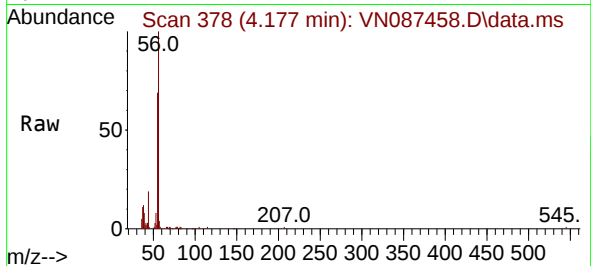




#13
Acrolein
Concen: 103.668 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

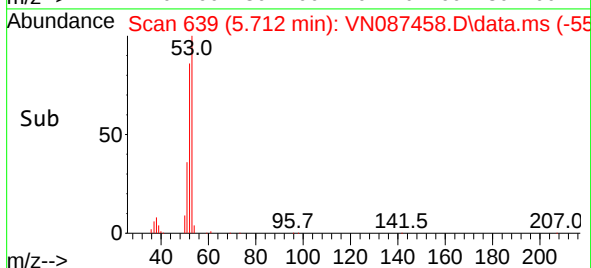
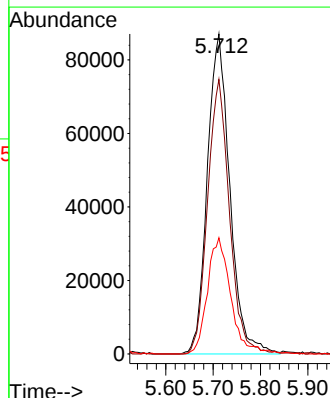
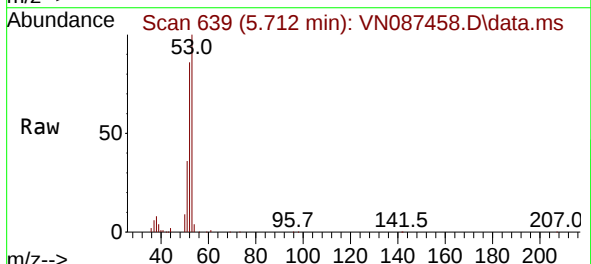
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Tgt Ion: 56 Resp: 114938
Ion Ratio Lower Upper
56 100
55 70.2 57.4 86.0



#14
Acrylonitrile
Concen: 90.843 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 53 Resp: 287956
Ion Ratio Lower Upper
53 100
52 82.7 42.4 127.2
51 36.7 18.5 55.5

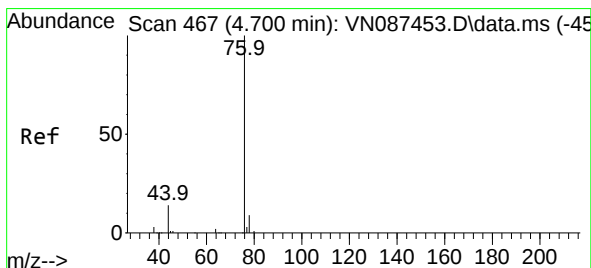
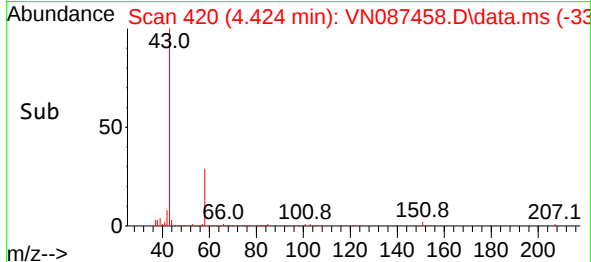
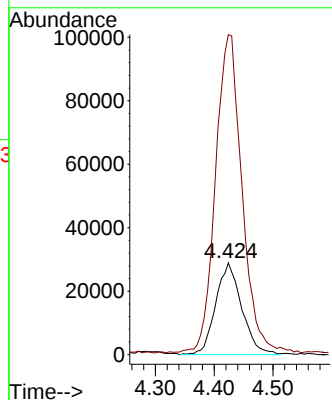
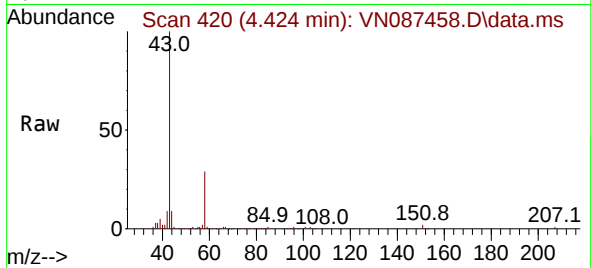




#15
Acetone
Concen: 98.134 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

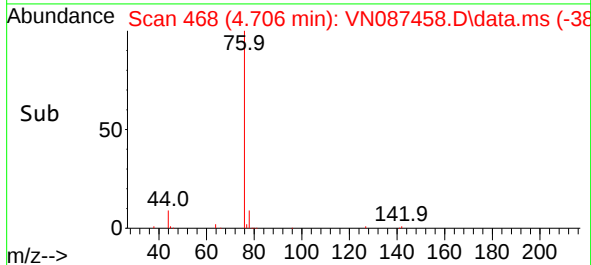
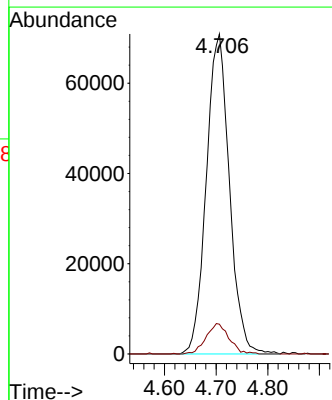
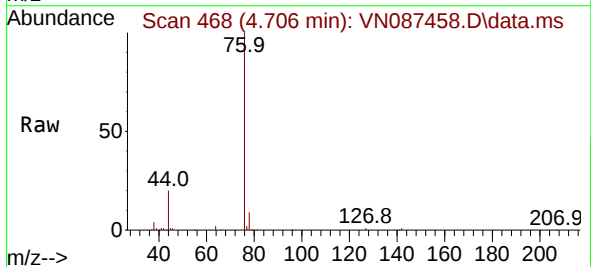
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

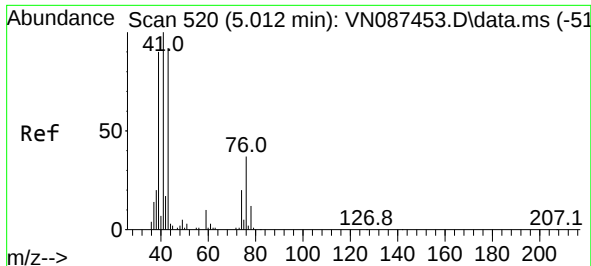
Tgt Ion: 58 Resp: 88879
Ion Ratio Lower Upper
58 100
43 345.4 268.9 403.3



#16
Carbon Disulfide
Concen: 18.028 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 76 Resp: 219977
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

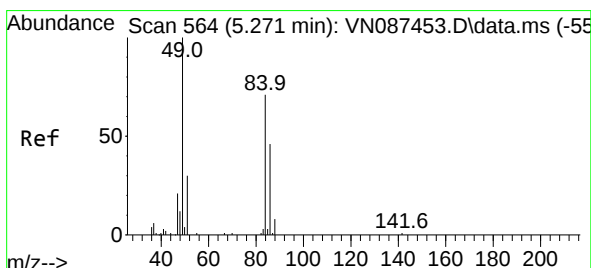
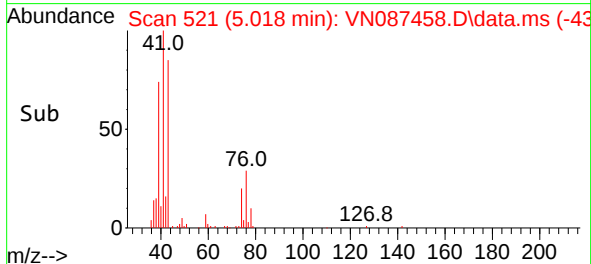
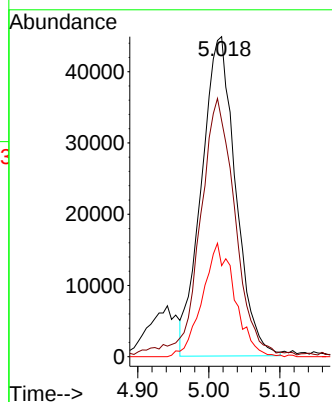
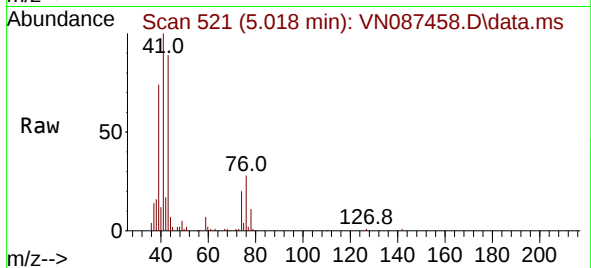




#17
 Allyl chloride
 Concen: 18.683 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

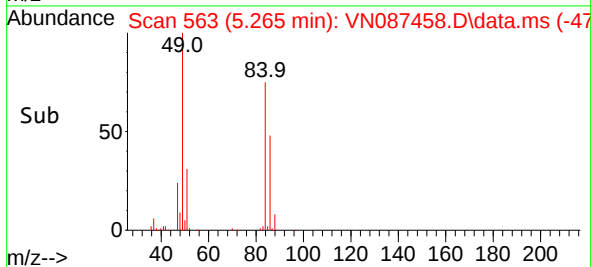
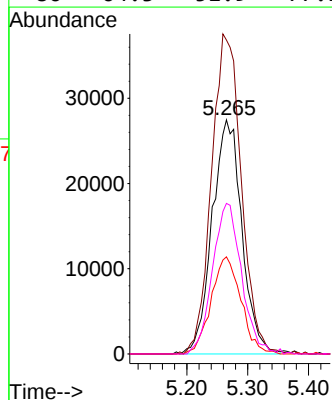
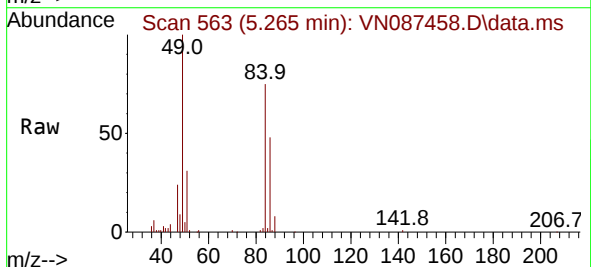
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN080525

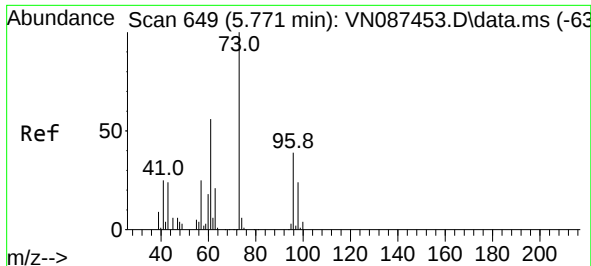
Tgt Ion: 41 Resp: 149799
 Ion Ratio Lower Upper
 41 100
 39 73.4 42.4 127.2
 76 28.3 16.9 50.6



#18
 Methylene Chloride
 Concen: 18.387 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

Tgt Ion: 84 Resp: 93115
 Ion Ratio Lower Upper
 84 100
 49 133.2 112.9 169.3
 51 41.5 33.8 50.8
 86 64.3 51.9 77.9





#19

trans-1,2-Dichloroethene

Concen: 17.906 ug/l

RT: 5.765 min Scan# 64

Delta R.T. -0.006 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICV080525

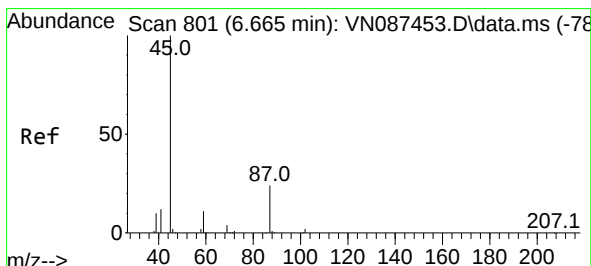
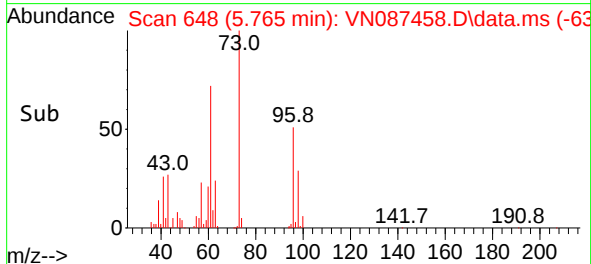
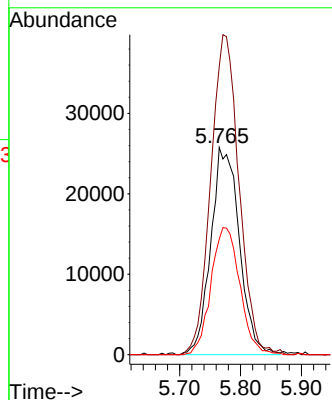
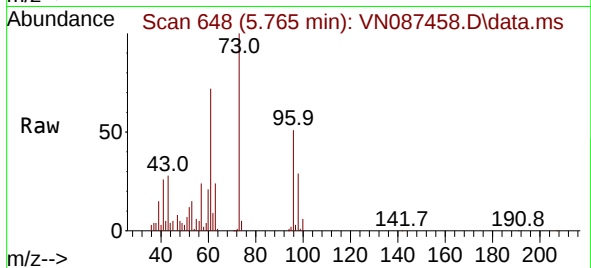
Tgt Ion: 96 Resp: 83760

Ion Ratio Lower Upper

96 100

61 139.1 114.2 171.4

98 55.8 48.7 73.1



#20

Diisopropyl ether

Concen: 17.917 ug/l

RT: 6.659 min Scan# 800

Delta R.T. -0.006 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Tgt Ion: 45 Resp: 327254

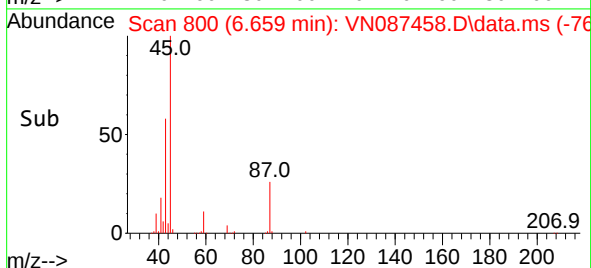
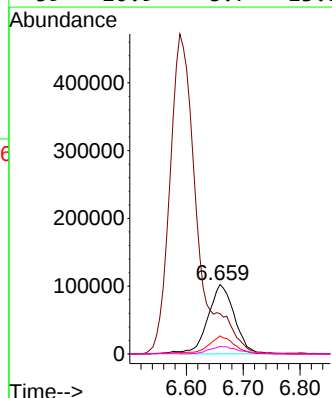
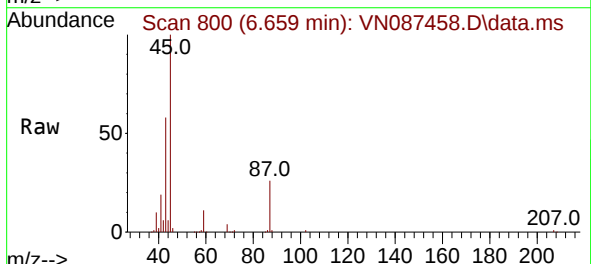
Ion Ratio Lower Upper

45 100

43 57.1 44.7 67.1

87 25.8 20.2 30.2

59 10.9 8.7 13.1

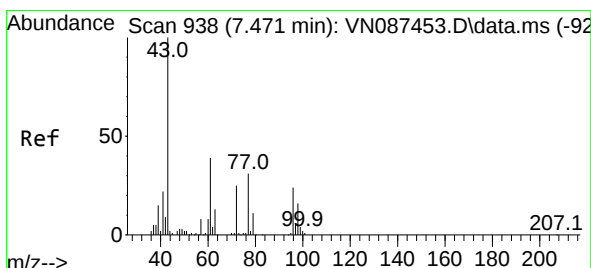
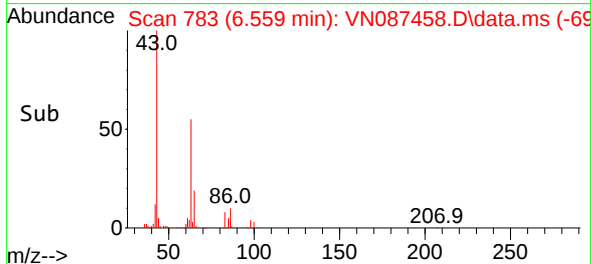
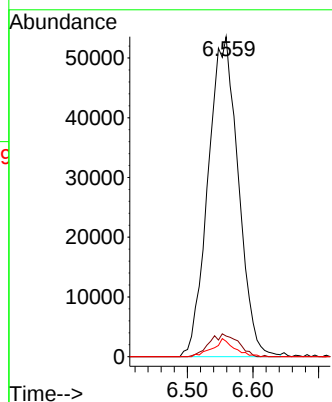
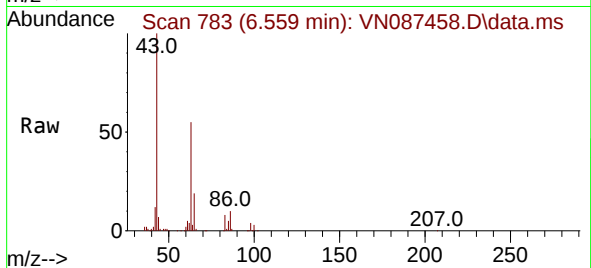




#21
1,1-Dichloroethane
Concen: 18.134 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

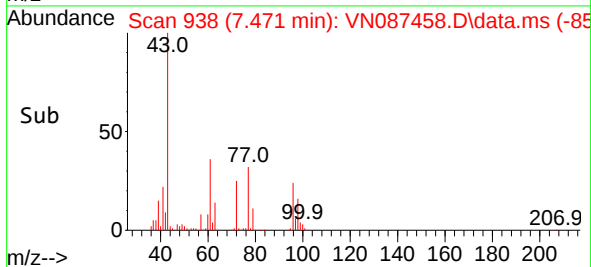
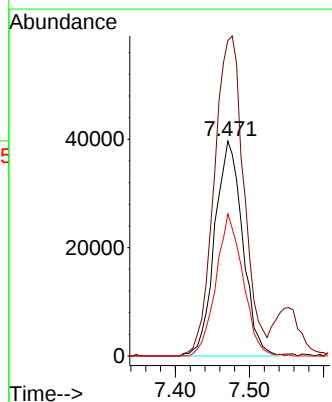
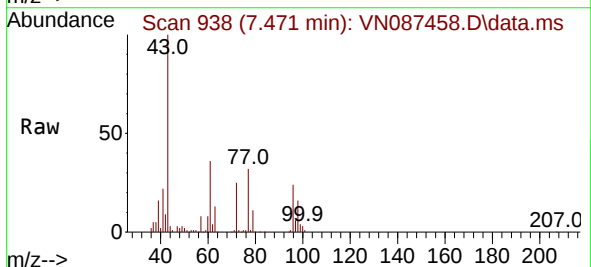
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

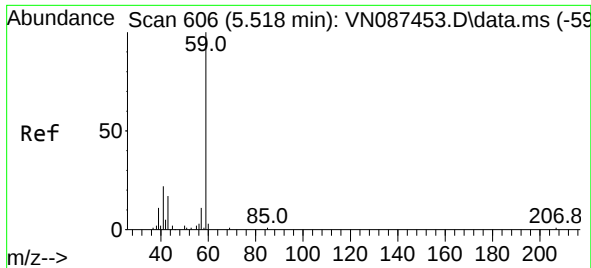
Tgt Ion: 63 Resp: 171210
Ion Ratio Lower Upper
63 100
98 6.5 3.0 9.0
100 4.8 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 18.023 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 96 Resp: 103737
Ion Ratio Lower Upper
96 100
61 158.5 126.6 190.0
98 63.7 50.9 76.3

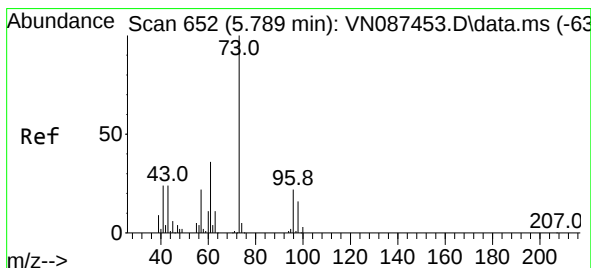
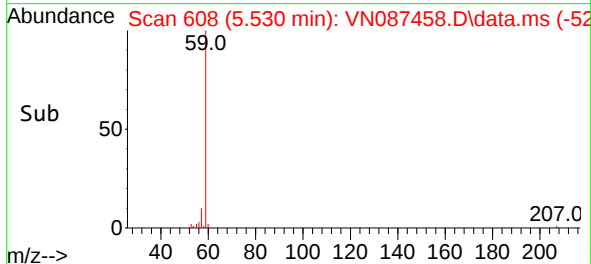
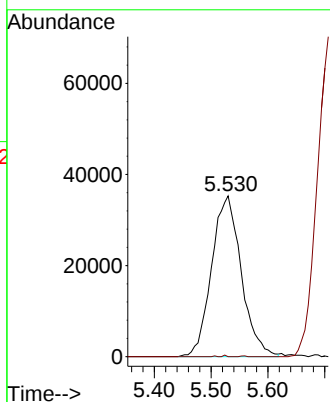
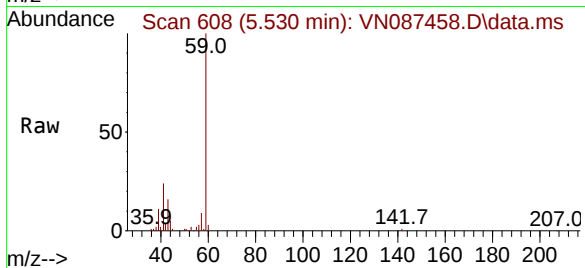




#23
tert-Butyl Alcohol
Concen: 95.030 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

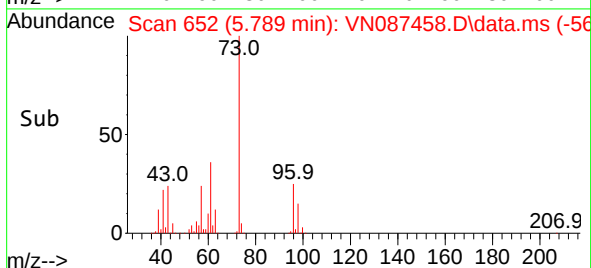
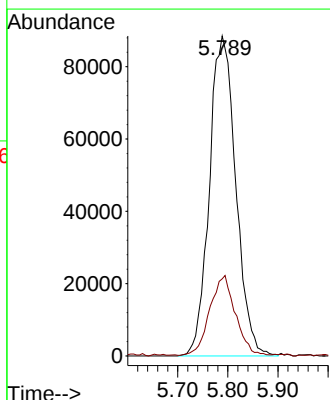
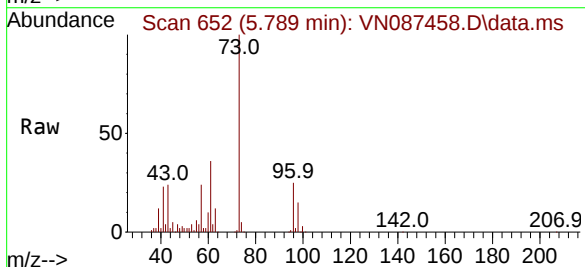
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

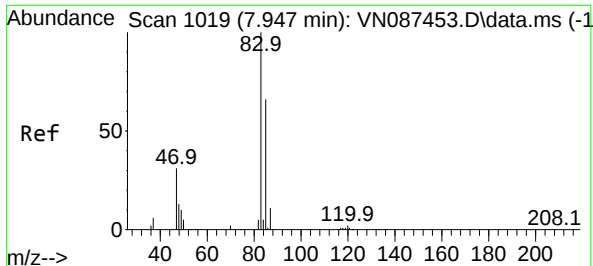
Tgt Ion: 59 Resp: 128000
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 18.116 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 73 Resp: 324724
Ion Ratio Lower Upper
73 100
43 24.0 19.9 29.9





#25

Chloroform

Concen: 18.021 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

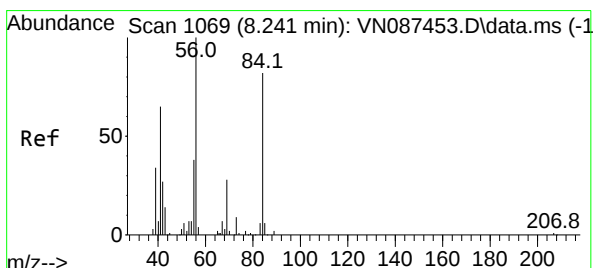
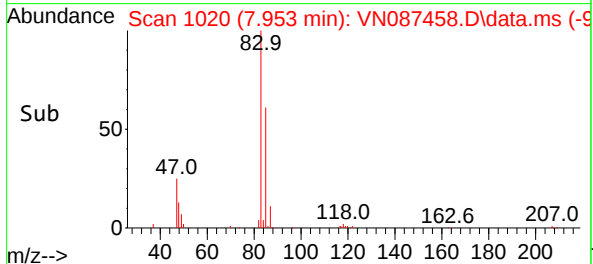
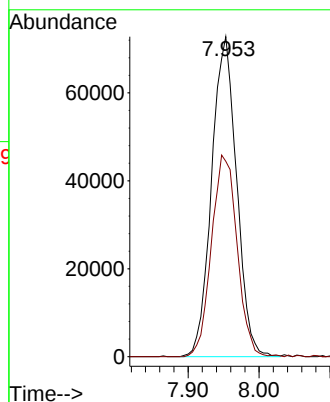
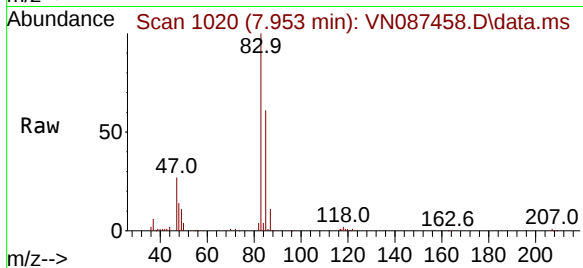
ICVVN080525

Tgt Ion: 83 Resp: 177598

Ion Ratio Lower Upper

83 100

85 61.1 52.6 78.8



#26

Cyclohexane

Concen: 17.977 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

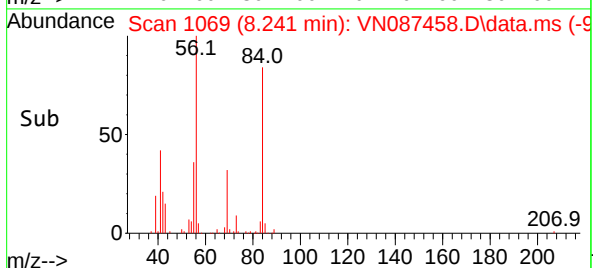
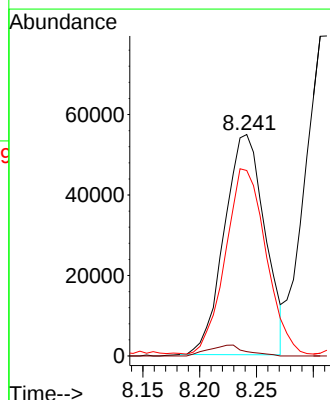
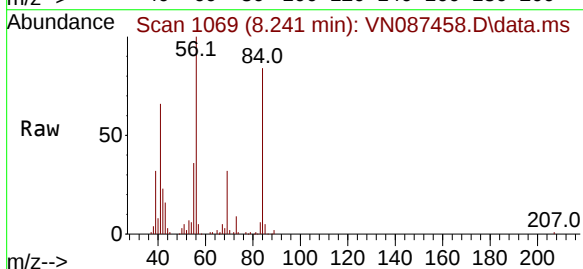
Tgt Ion: 56 Resp: 135890

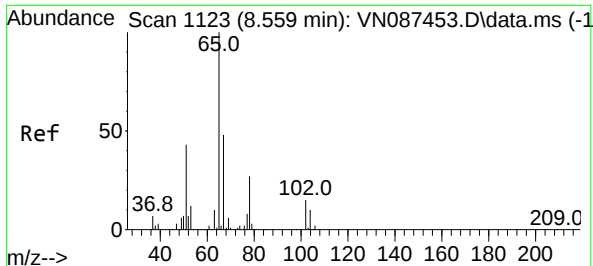
Ion Ratio Lower Upper

56 100

89 4.5 2.3 3.5#

84 84.6 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 30.545 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

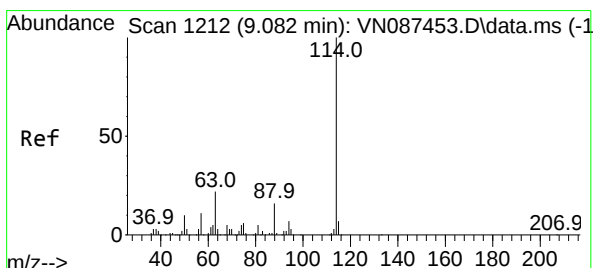
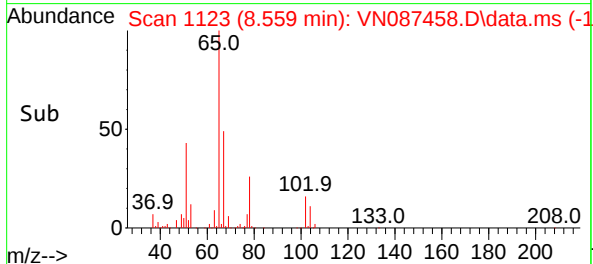
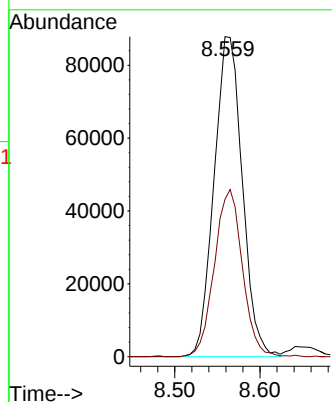
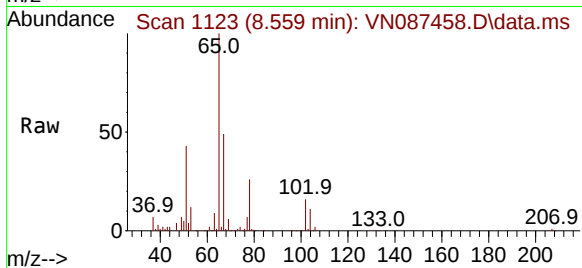
ICVVN080525

Tgt Ion: 65 Resp: 202347

Ion Ratio Lower Upper

65 100

67 51.8 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

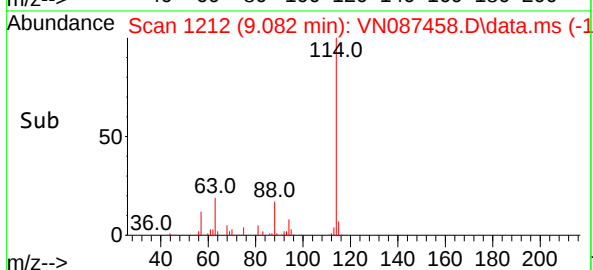
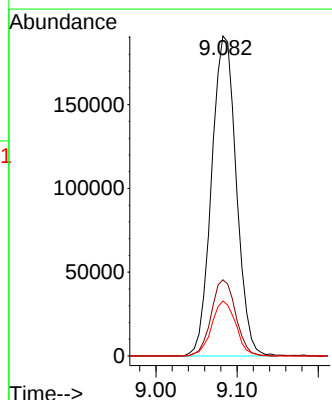
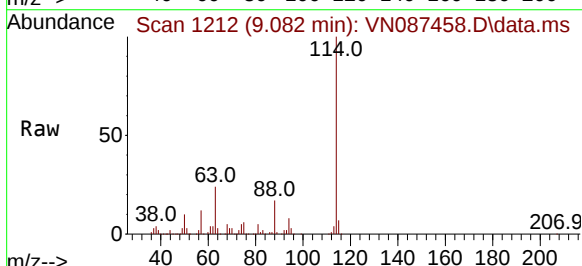
Tgt Ion: 114 Resp: 404390

Ion Ratio Lower Upper

114 100

63 23.5 18.9 28.3

88 16.8 13.1 19.7

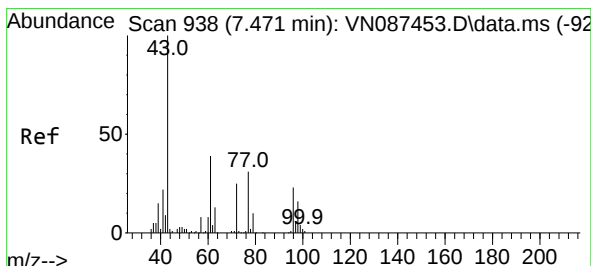
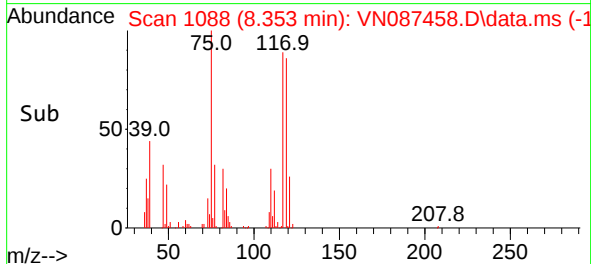
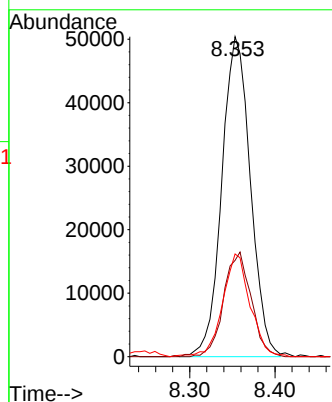
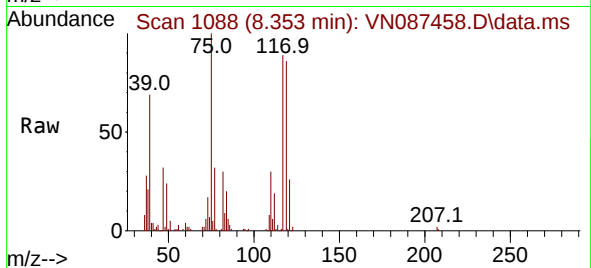




#29
1,1-Dichloropropene
Concen: 17.825 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

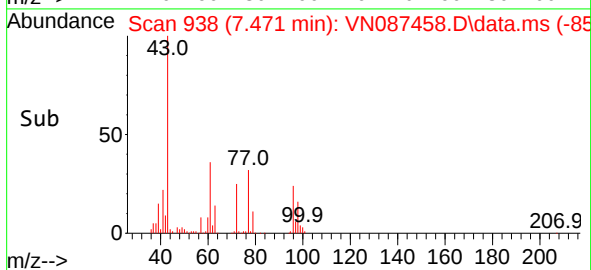
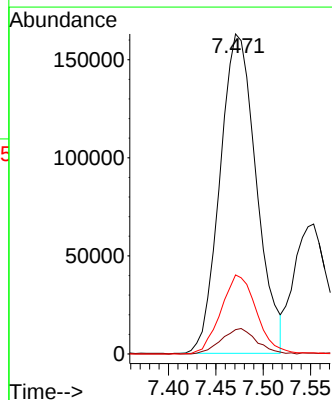
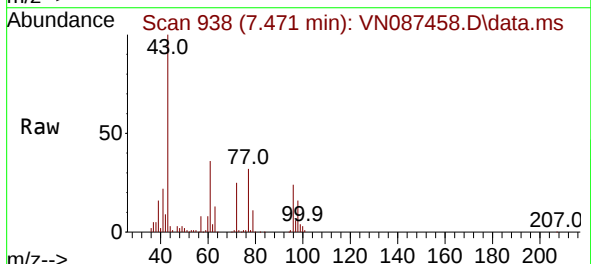
Instrument :
MSVOA_N
ClientSampleId :
ICVFN080525

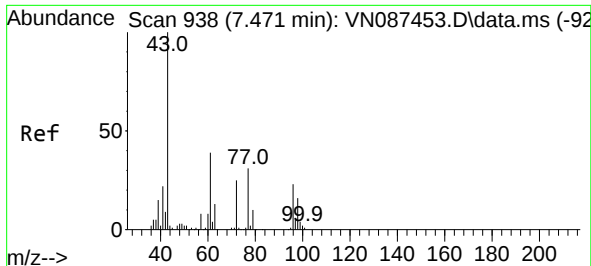
Tgt Ion: 75 Resp: 117565
Ion Ratio Lower Upper
75 100
110 31.3 0.0 65.8
77 31.0 0.0 63.6



#30
2-Butanone
Concen: 89.621 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 43 Resp: 435716
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 24.2 19.7 29.5

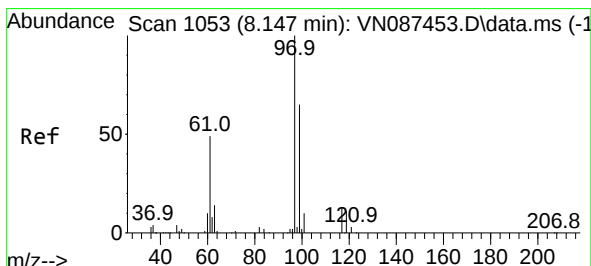
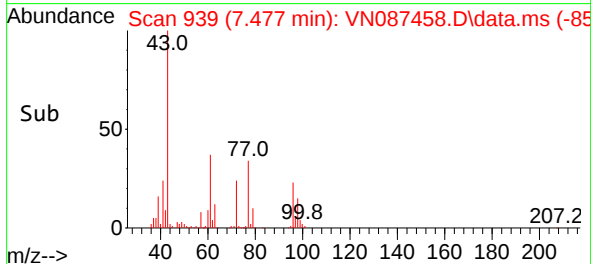
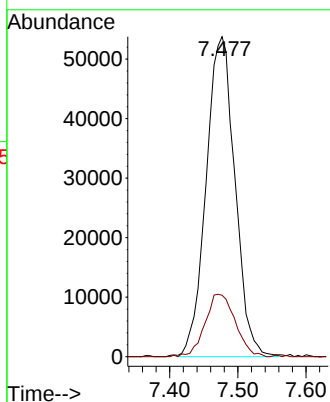
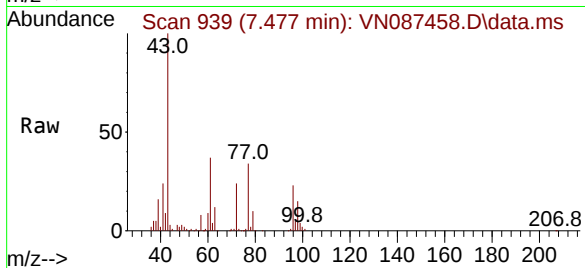




#31
2,2-Dichloropropane
Concen: 18.630 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

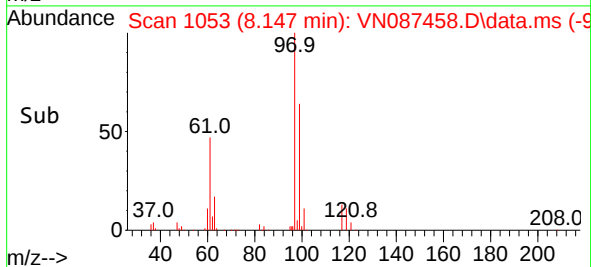
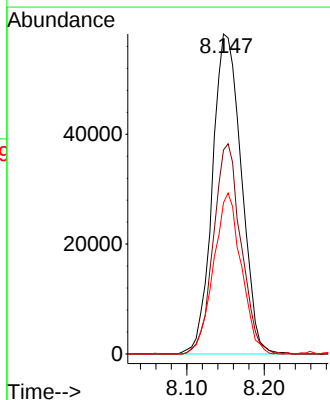
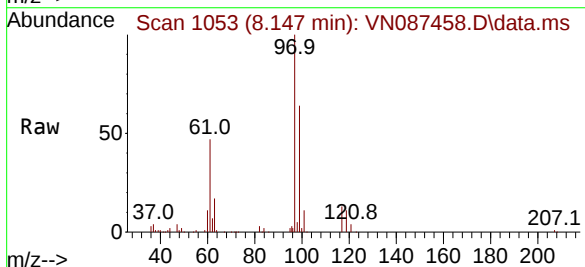
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Tgt Ion: 77 Resp: 158483
Ion Ratio Lower Upper
77 100
97 20.2 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 17.988 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

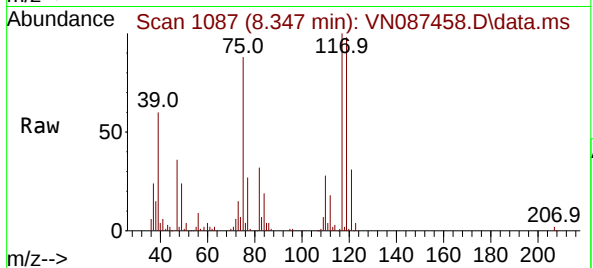
Tgt Ion: 97 Resp: 151313
Ion Ratio Lower Upper
97 100
99 62.5 53.0 79.6
61 48.3 40.6 61.0



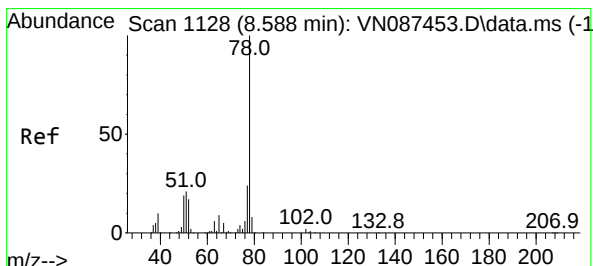
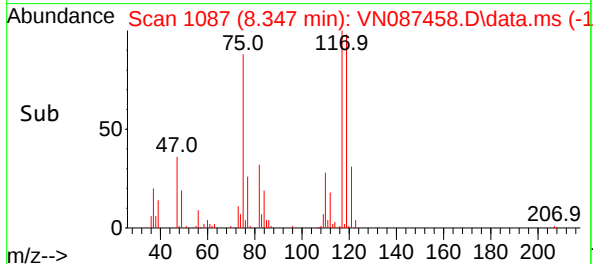
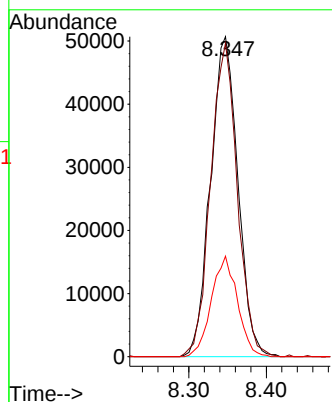


#33
Carbon Tetrachloride
Concen: 17.777 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

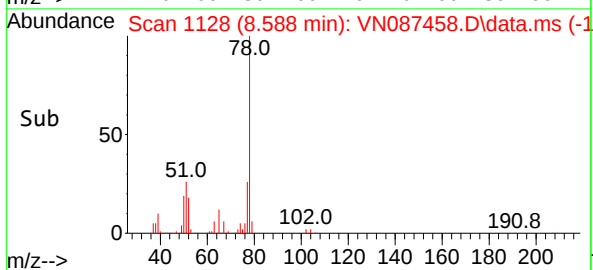
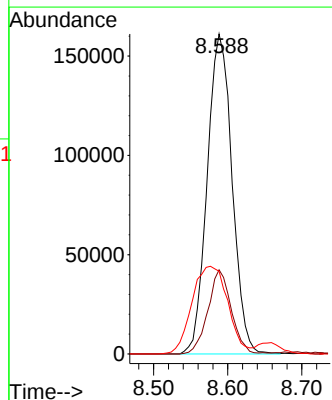
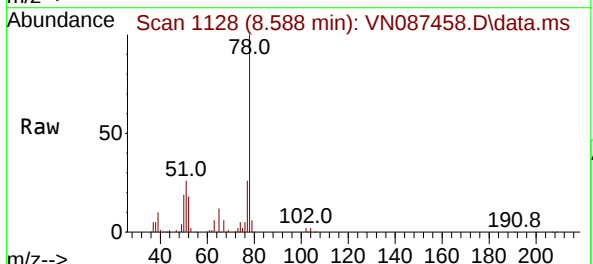


Tgt Ion:117 Resp: 124231
Ion Ratio Lower Upper
117 100
119 97.9 73.4 110.0
121 31.4 21.1 31.7



#34
Benzene
Concen: 18.060 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 78 Resp: 376019
Ion Ratio Lower Upper
78 100
77 26.3 19.2 28.8
51 23.8 16.9 25.3

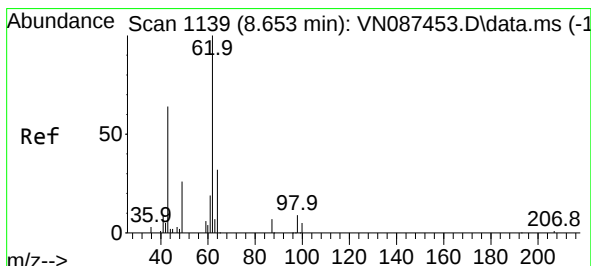
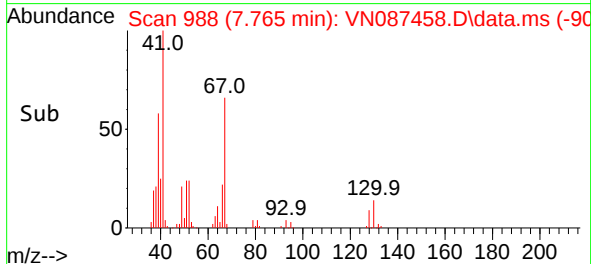
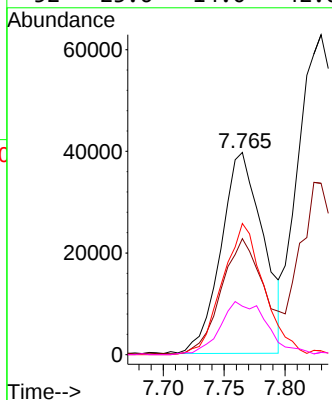
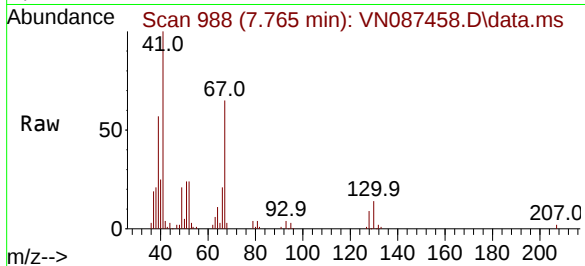




#35
Methacrylonitrile
Concen: 18.163 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

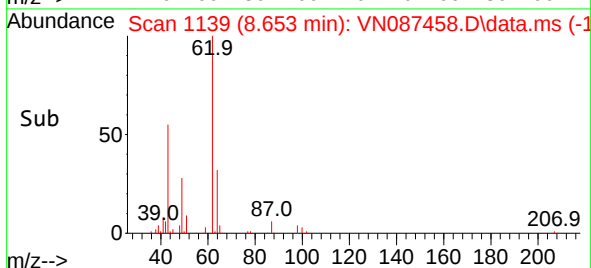
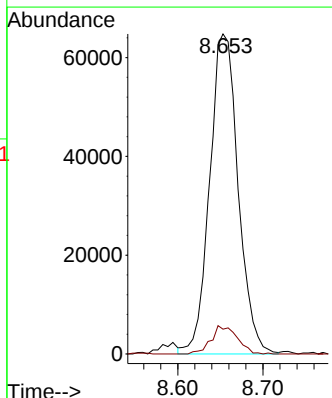
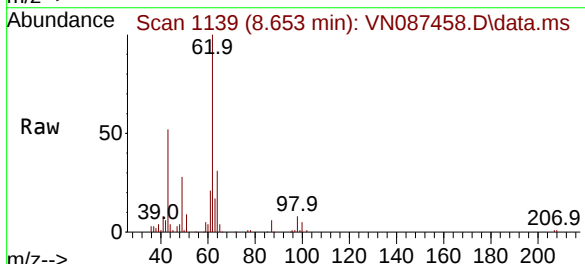
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

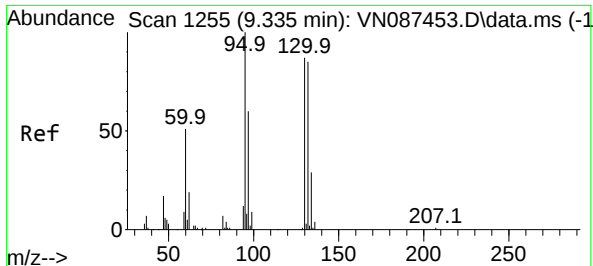
Tgt Ion:	41	Resp:	95290
Ion	Ratio	Lower	Upper
41	100		
39	57.4	30.1	90.5
67	65.1	32.0	96.2
52	23.6	14.0	42.0



#36
1,2-Dichloroethane
Concen: 17.918 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion:	62	Resp:	150784
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	9.8

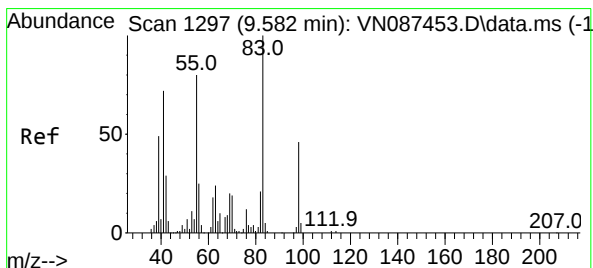
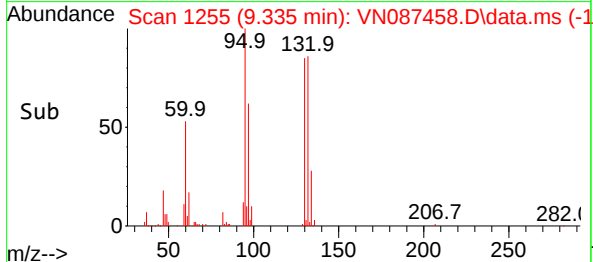
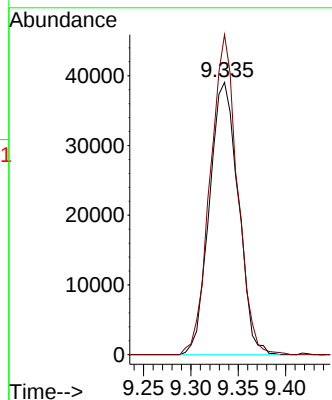
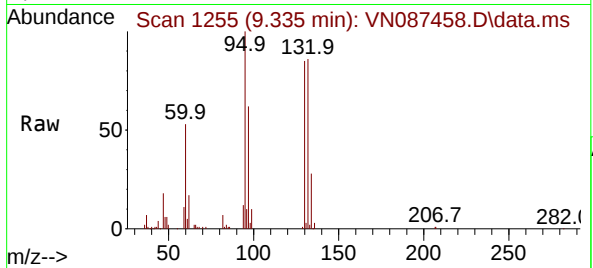




#37
Trichloroethene
Concen: 18.041 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

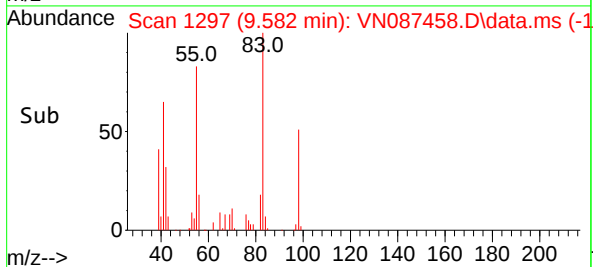
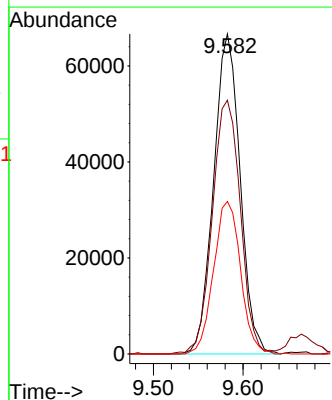
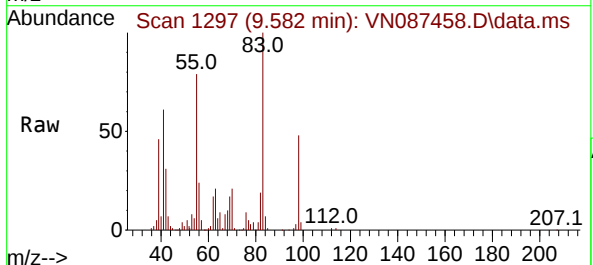
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

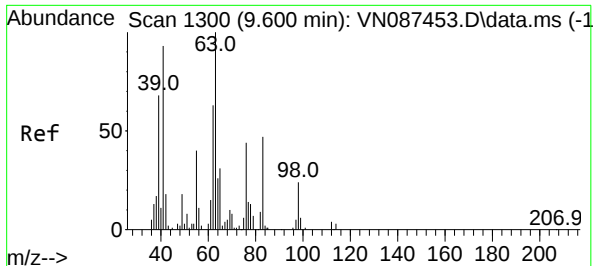
Tgt Ion:130 Resp: 82742
Ion Ratio Lower Upper
130 100
95 117.5 91.4 137.2



#38
Methylcyclohexane
Concen: 17.882 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 83 Resp: 136830
Ion Ratio Lower Upper
83 100
55 83.4 41.2 123.6
98 48.5 23.3 69.9

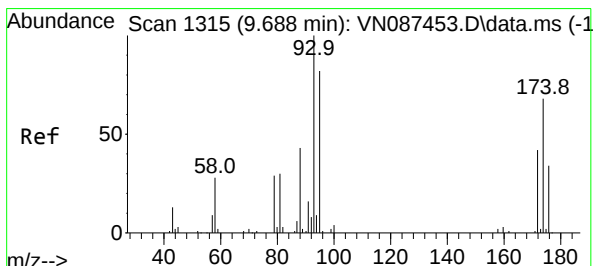
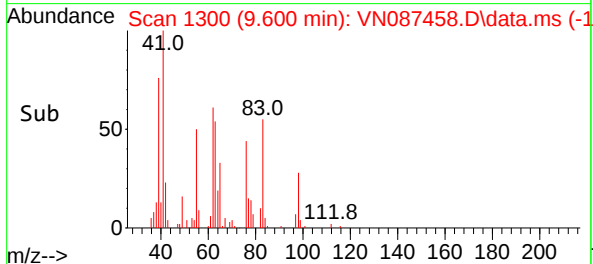
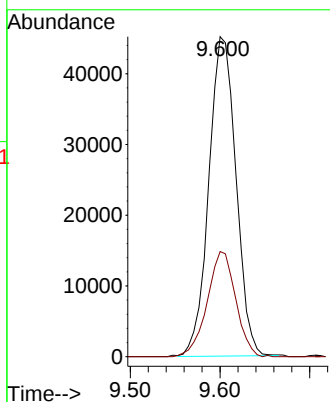
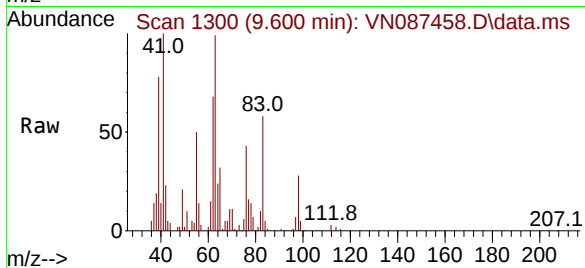




#39
1,2-Dichloropropane
Concen: 17.793 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

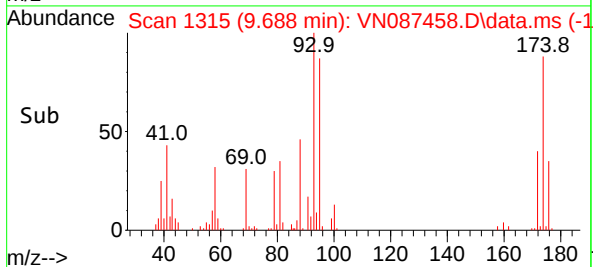
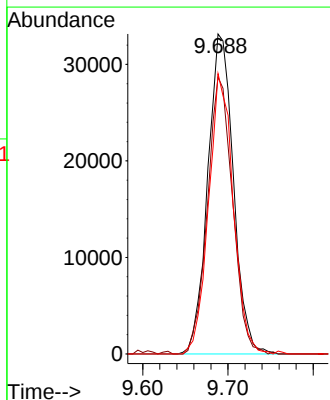
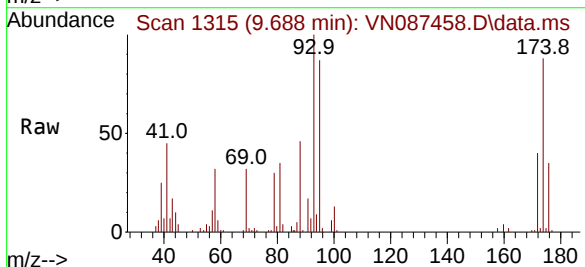
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

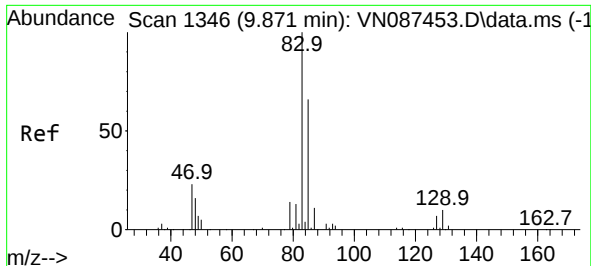
Tgt Ion: 63 Resp: 94981
Ion Ratio Lower Upper
63 100
65 33.0 24.6 36.8



#40
Dibromomethane
Concen: 17.288 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 93 Resp: 69241
Ion Ratio Lower Upper
93 100
95 84.9 0.0 161.6
174 84.1 0.0 151.4

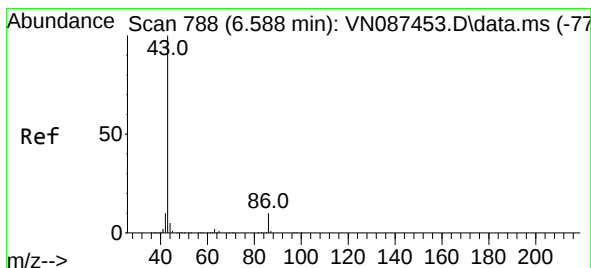
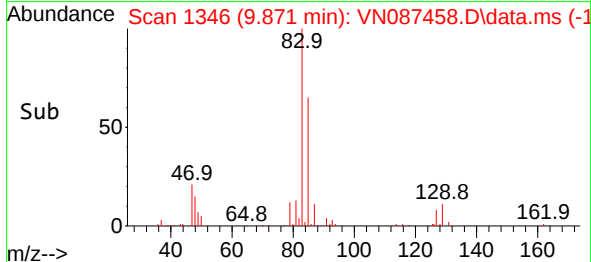
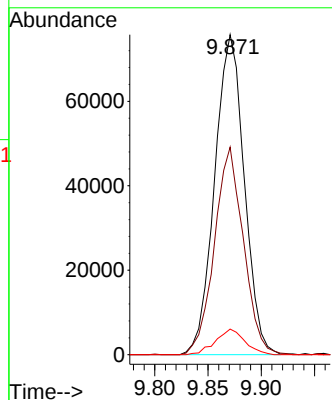
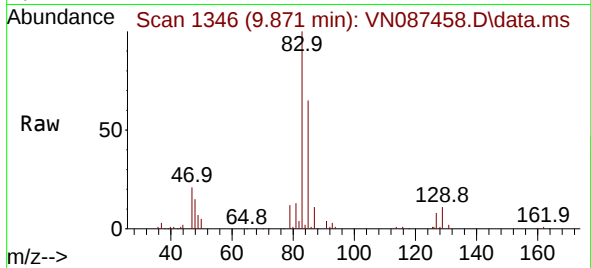




#41
Bromodichloromethane
Concen: 17.583 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

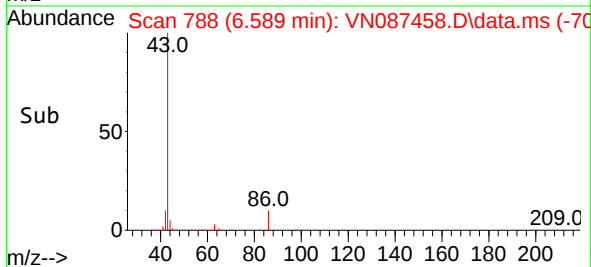
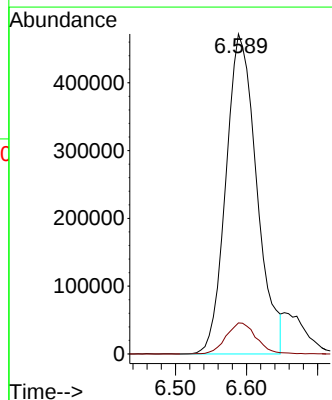
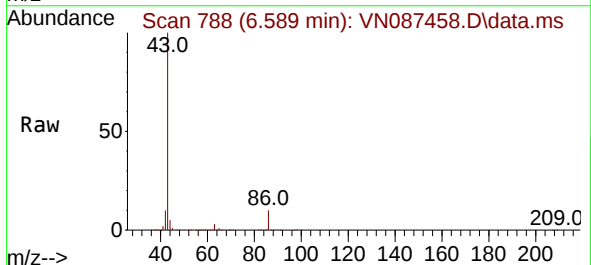
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

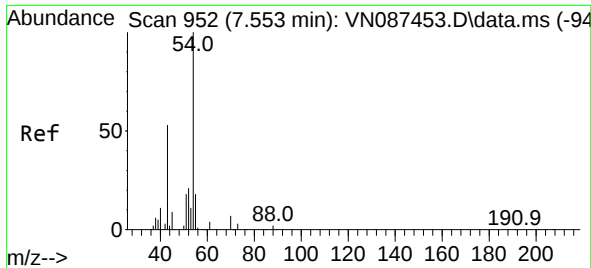
Tgt Ion: 83 Resp: 146339
Ion Ratio Lower Upper
83 100
85 64.8 52.9 79.3
127 8.0 5.8 8.6



#42
Vinyl Acetate
Concen: 88.913 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 43 Resp: 1423556
Ion Ratio Lower Upper
43 100
86 9.5 7.3 10.9

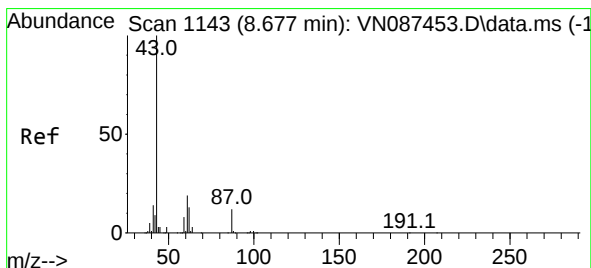
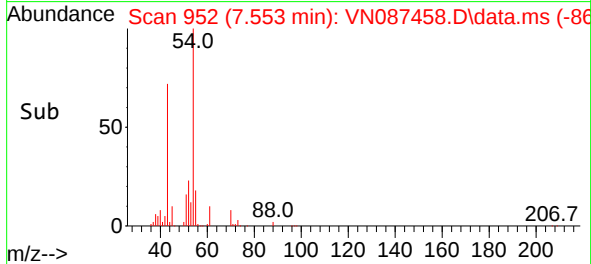
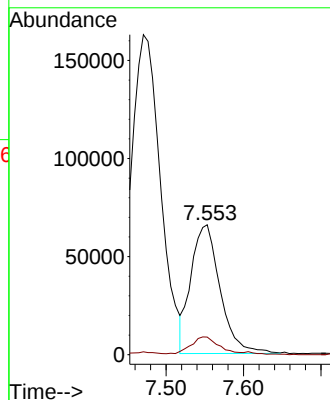
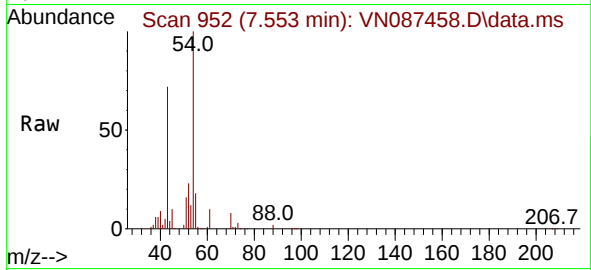




#43
Ethyl Acetate
Concen: 18.279 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

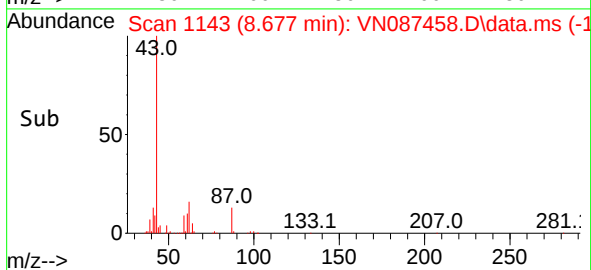
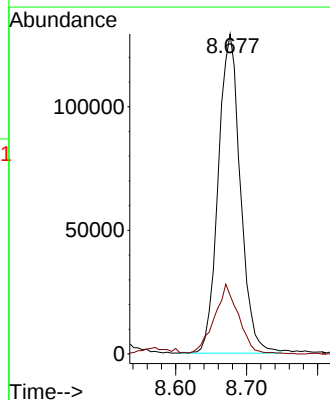
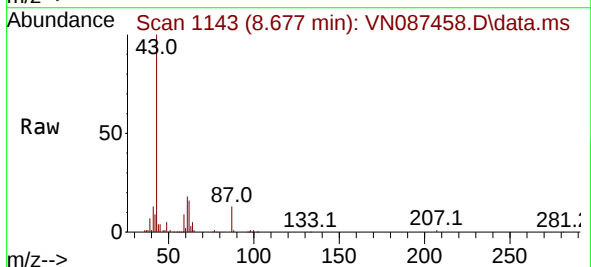
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

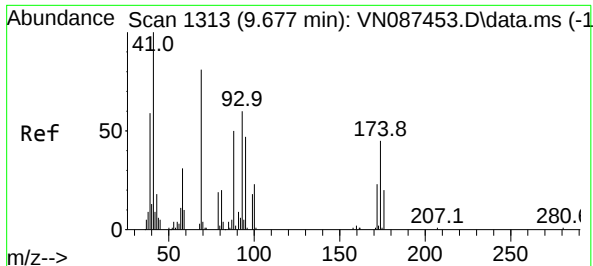
Tgt Ion: 43 Resp: 171684
Ion Ratio Lower Upper
43 100
45 13.7 11.1 16.7



#44
Isopropyl Acetate
Concen: 17.492 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 43 Resp: 278498
Ion Ratio Lower Upper
43 100
61 23.3 18.6 28.0

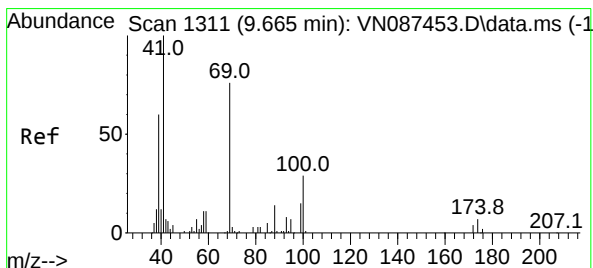
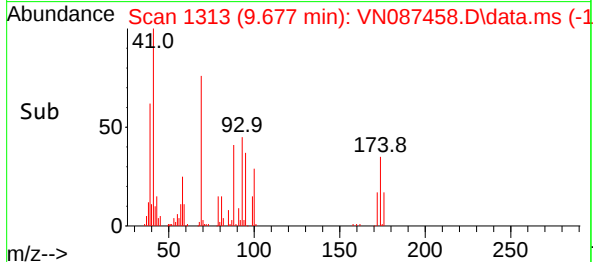
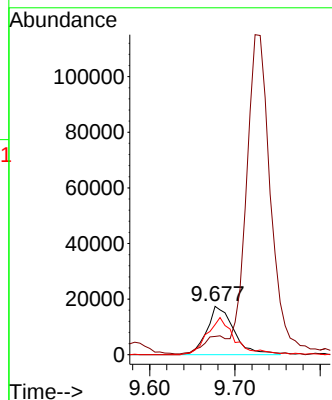
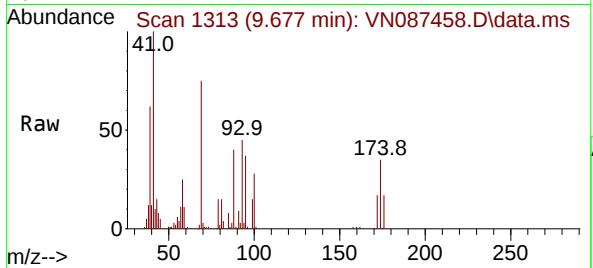




#45
1,4-Dioxane
Concen: 377.572 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

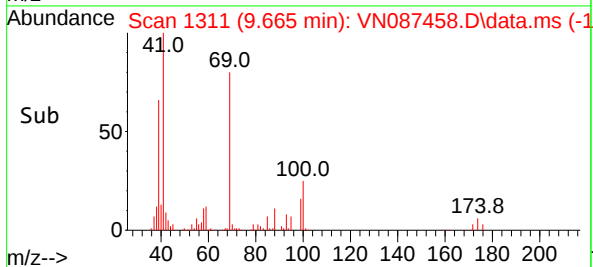
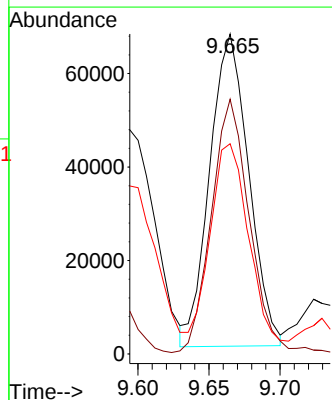
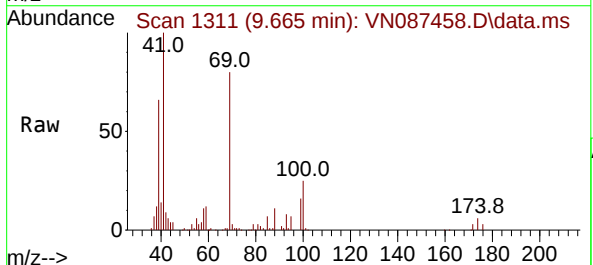
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

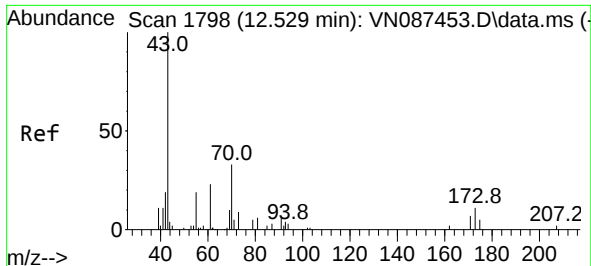
Tgt Ion: 88 Resp: 38322
Ion Ratio Lower Upper
88 100
43 30.6 24.1 36.1
58 73.3 57.2 85.8



#46
Methyl methacrylate
Concen: 16.972 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 41 Resp: 127548
Ion Ratio Lower Upper
41 100
69 83.5 37.1 111.5
39 65.2 30.7 92.1

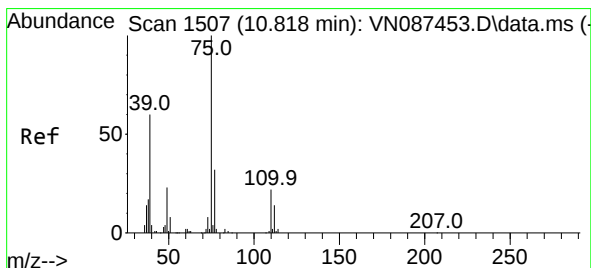
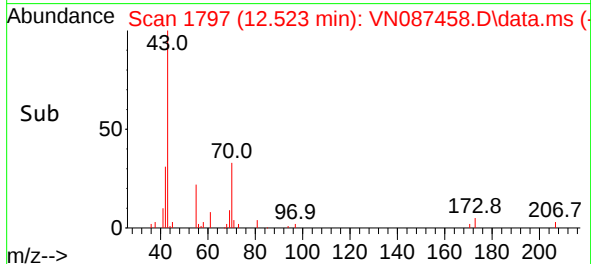
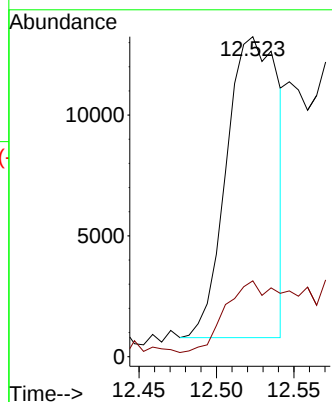
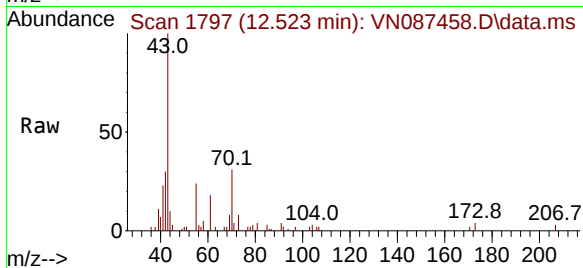




#47
n-amy1 Acetate
Concen: 3.254 ug/l
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

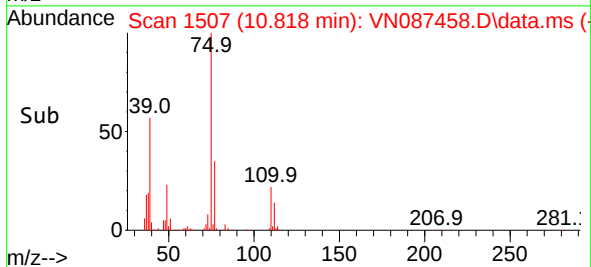
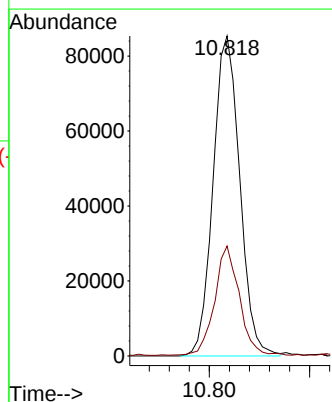
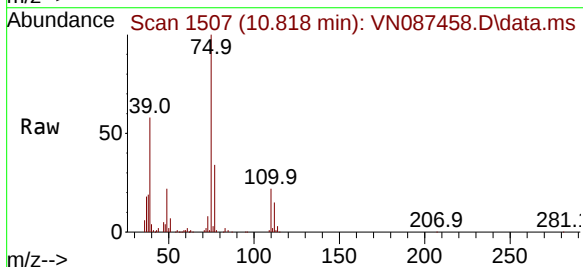
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Tgt Ion: 43 Resp: 28620
Ion Ratio Lower Upper
43 100
55 17.2 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 17.415 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 75 Resp: 157686
Ion Ratio Lower Upper
75 100
77 34.0 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.812 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080525

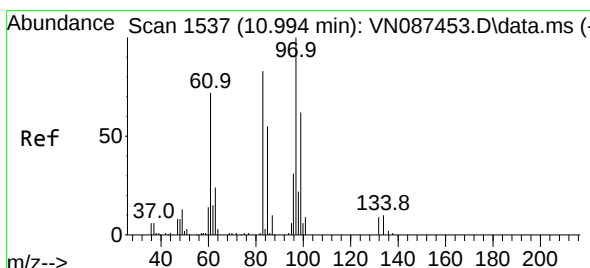
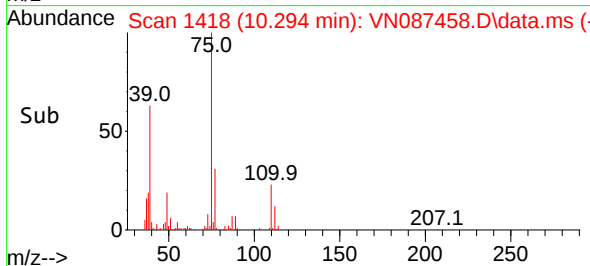
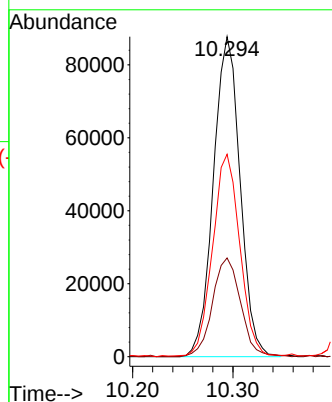
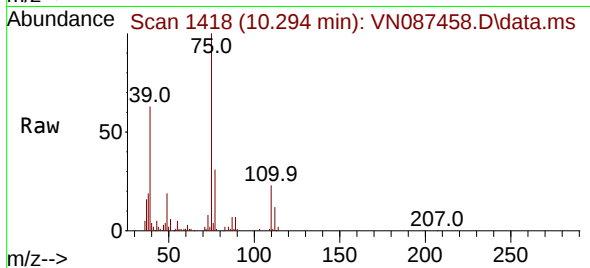
Tgt Ion: 75 Resp: 162308

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 62.9 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 17.791 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Tgt Ion: 97 Resp: 90030

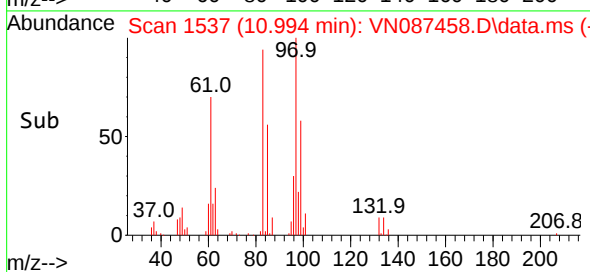
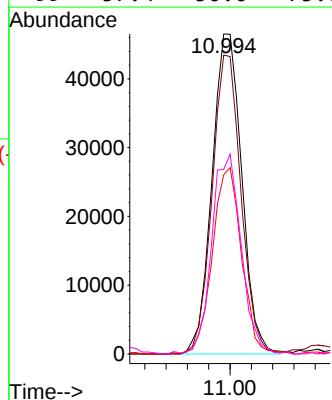
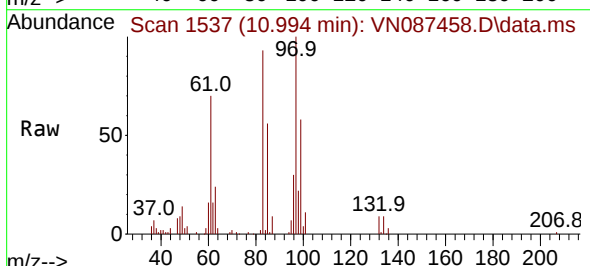
Ion Ratio Lower Upper

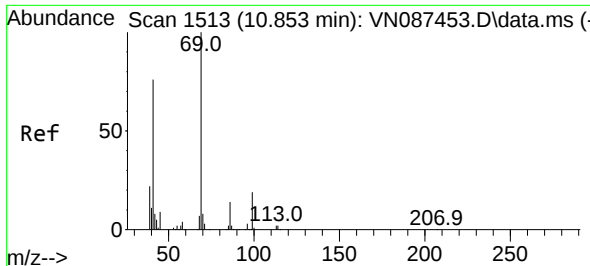
97 100

83 93.4 66.2 99.2

85 56.0 43.9 65.9

99 57.4 50.0 75.0

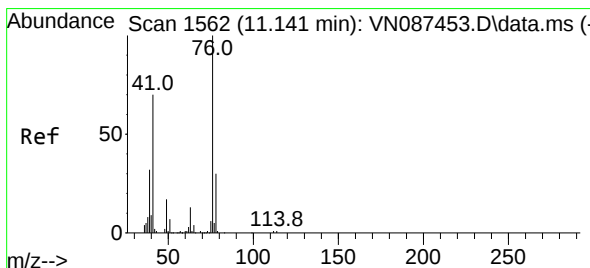
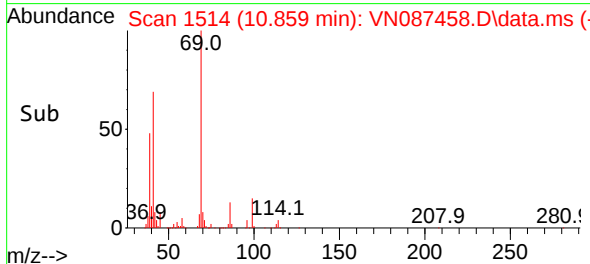
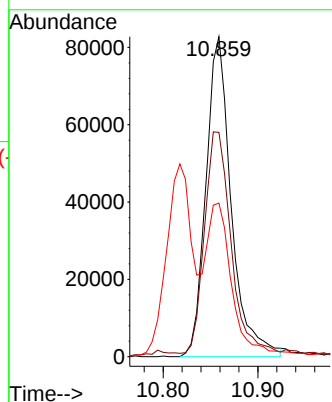
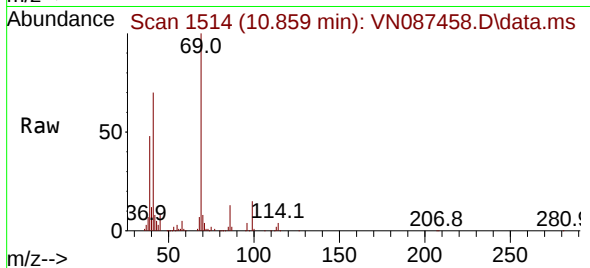




#51
Ethyl methacrylate
Concen: 17.260 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

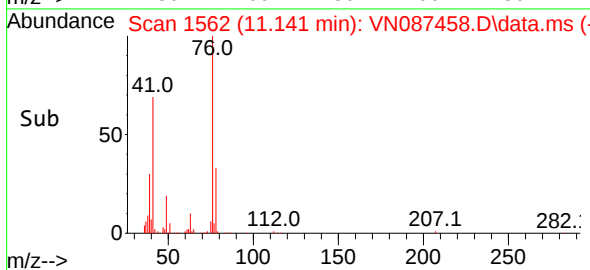
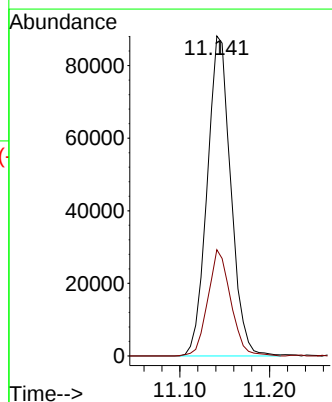
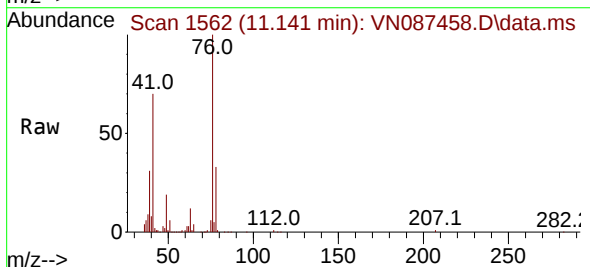
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

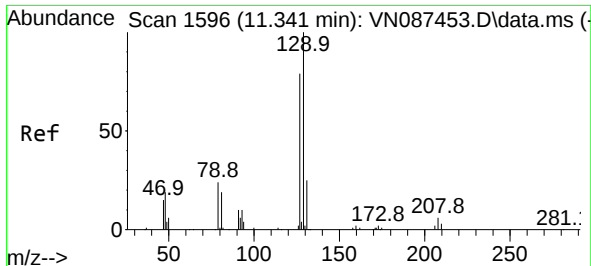
Tgt Ion: 69 Resp: 153822
Ion Ratio Lower Upper
69 100
41 69.0 38.0 114.1
39 46.4 23.2 69.5



#52
1,3-Dichloropropane
Concen: 17.664 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 76 Resp: 161040
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.0

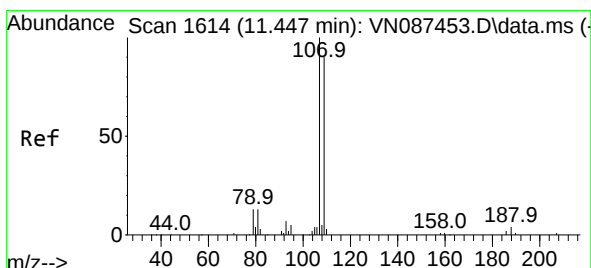
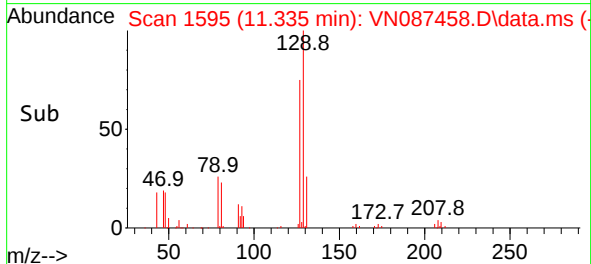
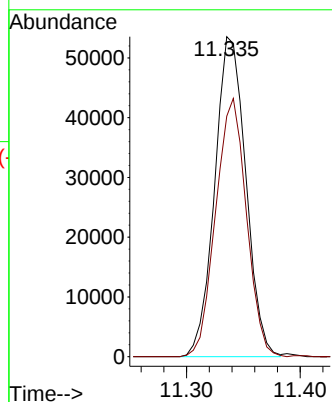
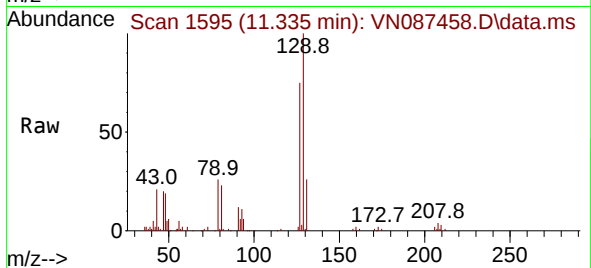




#53
Dibromochloromethane
Concen: 17.453 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

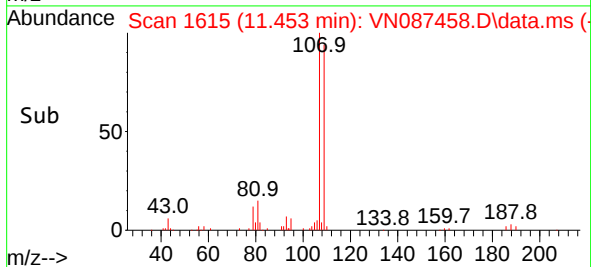
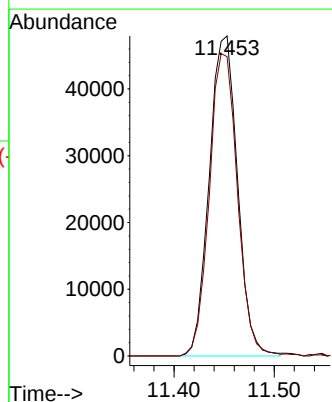
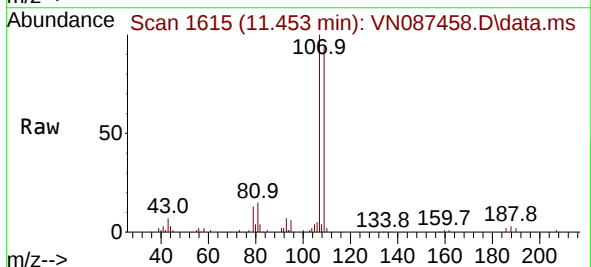
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

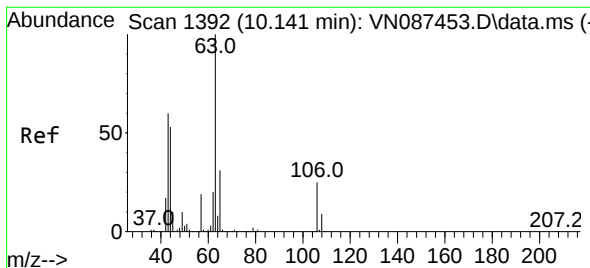
Tgt Ion:129 Resp: 101996
Ion Ratio Lower Upper
129 100
127 79.5 39.1 117.3



#54
1,2-Dibromoethane
Concen: 17.486 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion:107 Resp: 93933
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4

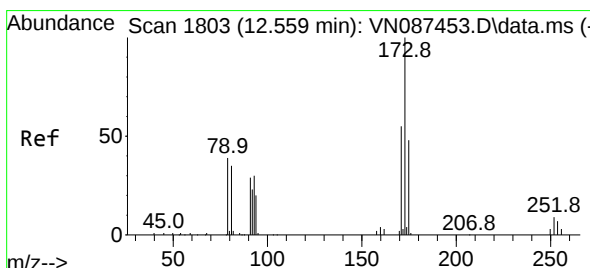
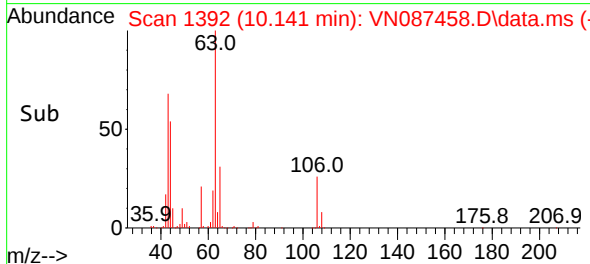
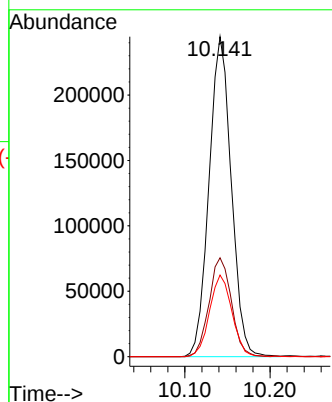
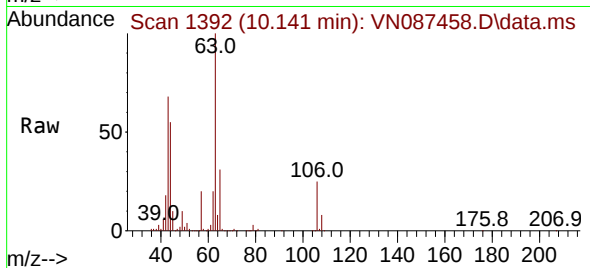




#55
2-Chloroethyl vinyl ether
Concen: 94.458 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

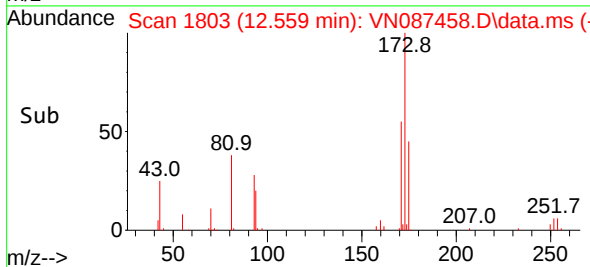
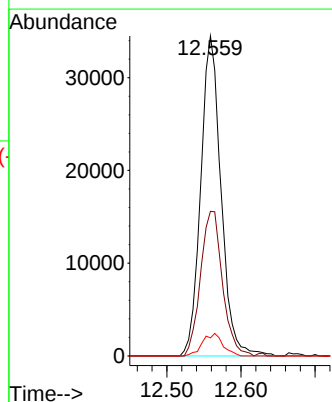
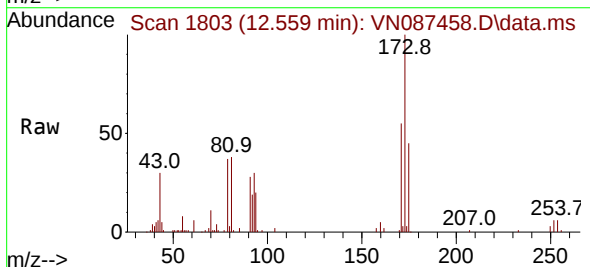
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

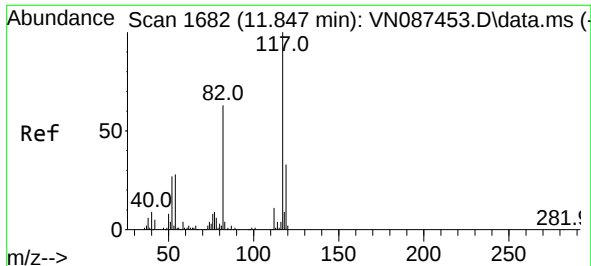
Tgt Ion: 63 Resp: 443163
Ion Ratio Lower Upper
63 100
65 31.1 25.7 38.5
106 25.7 20.7 31.1



#56
Bromoform
Concen: 16.992 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 173 Resp: 65682
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 7.0 3.9 5.9#

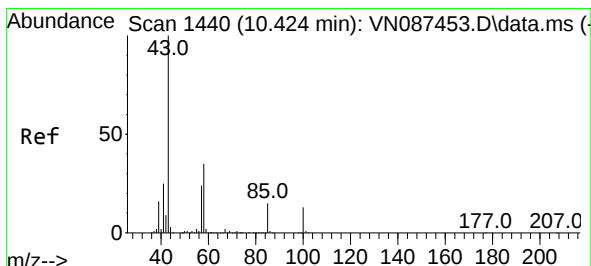
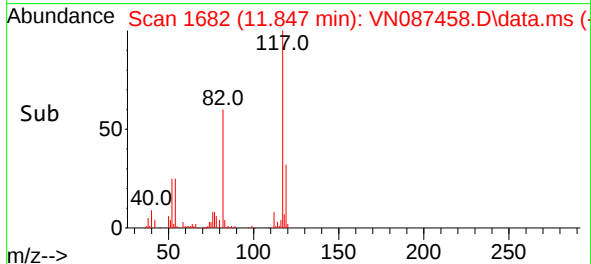
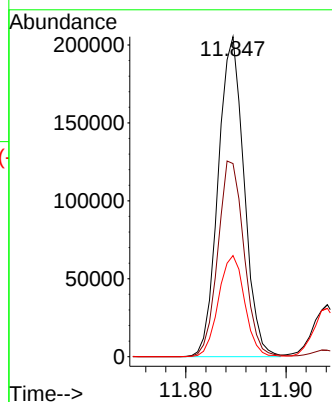
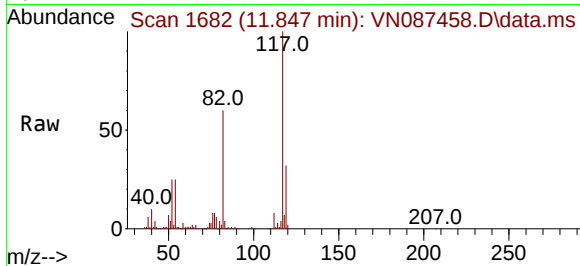




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

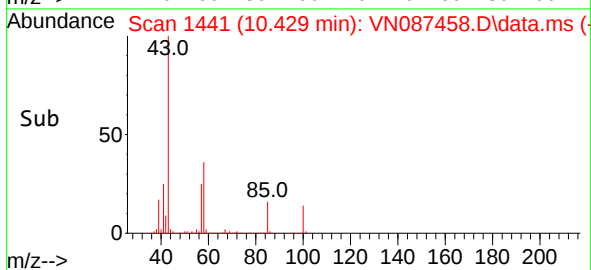
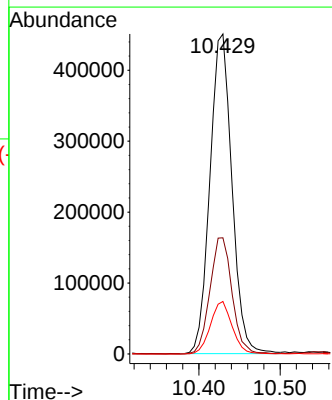
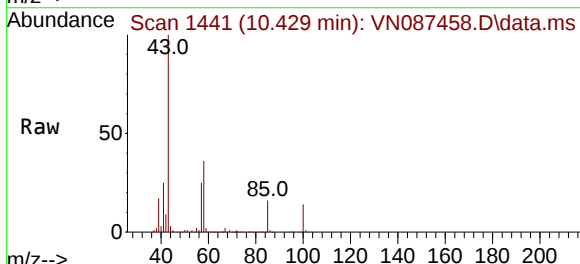
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

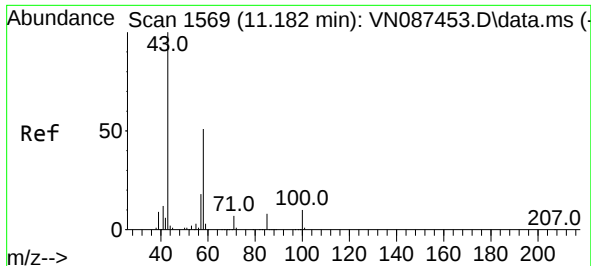
Tgt Ion:117 Resp: 367577
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 89.734 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 43 Resp: 848509
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6
85 16.2 12.7 19.1

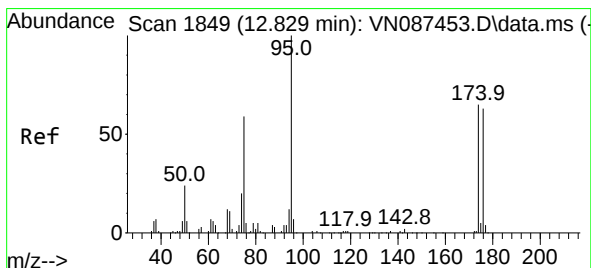
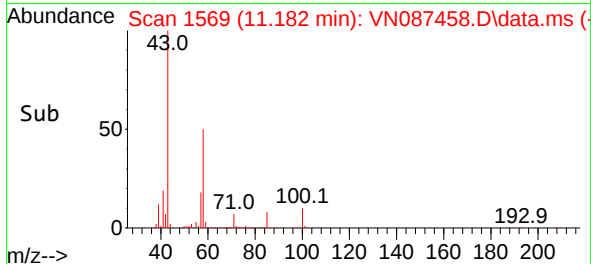
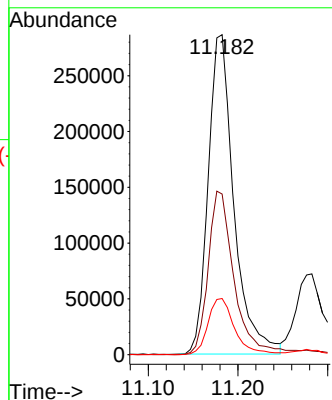
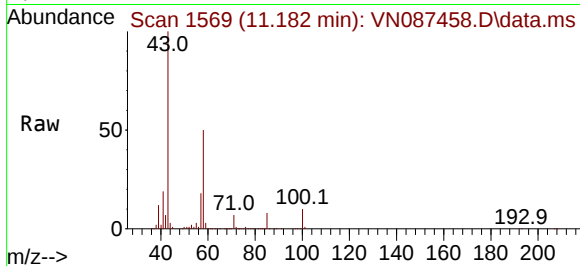




#59
2-Hexanone
Concen: 88.726 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

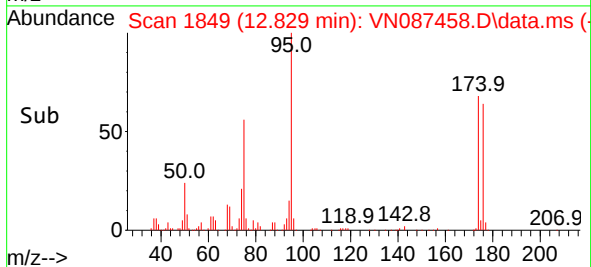
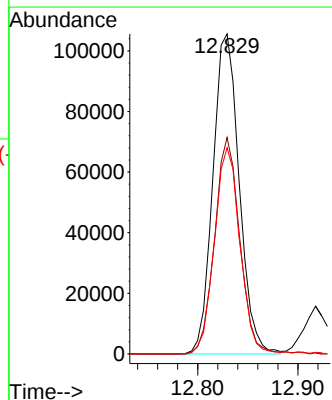
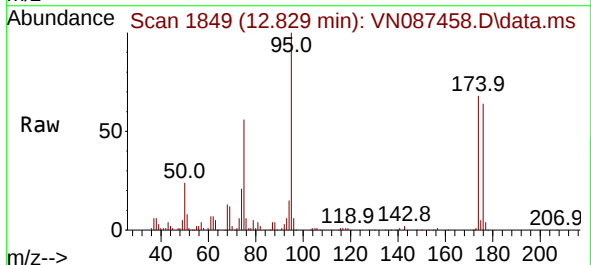
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

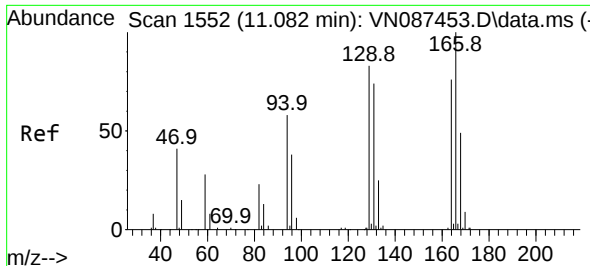
Tgt Ion: 43 Resp: 570046
Ion Ratio Lower Upper
43 100
58 51.3 41.0 61.6
57 18.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 30.417 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 95 Resp: 192410
Ion Ratio Lower Upper
95 100
174 64.6 52.3 78.5
176 62.4 49.8 74.8

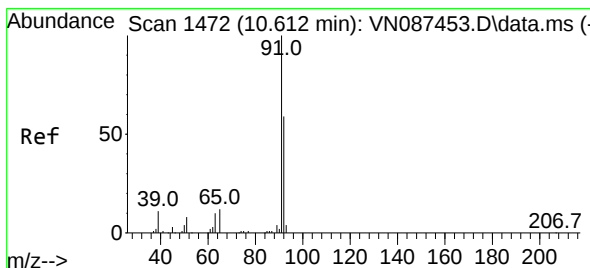
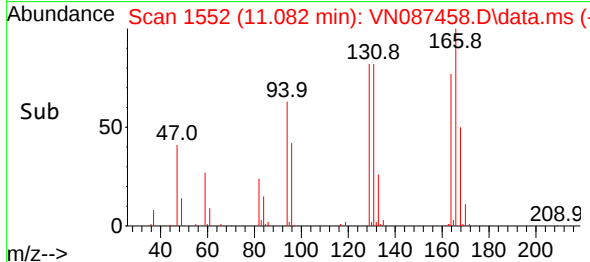
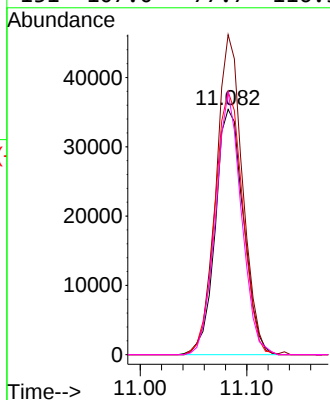
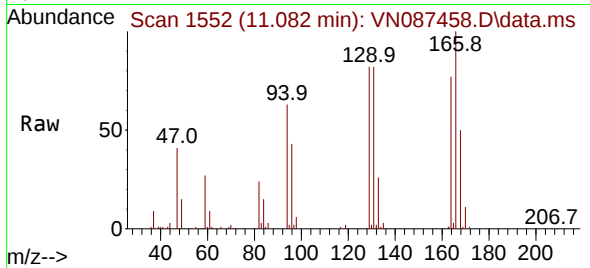




#61
Tetrachloroethene
Concen: 18.092 ug/l
RT: 11.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

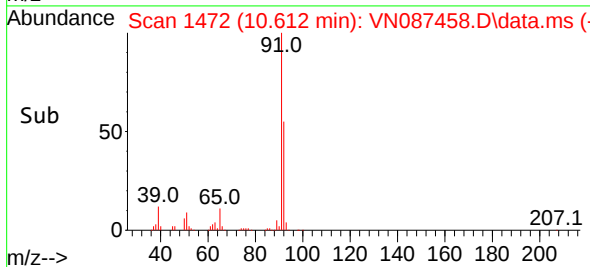
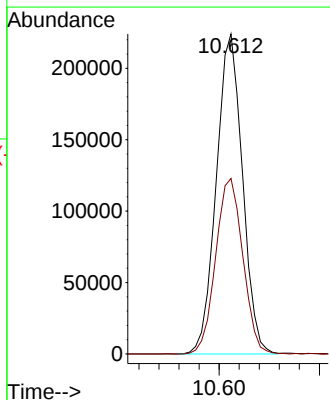
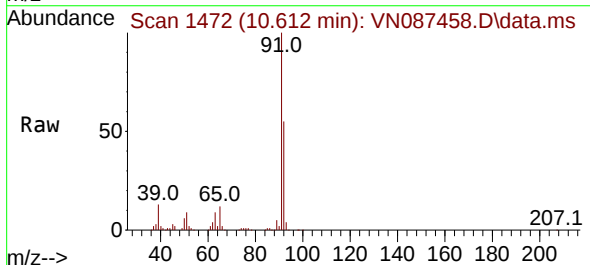
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

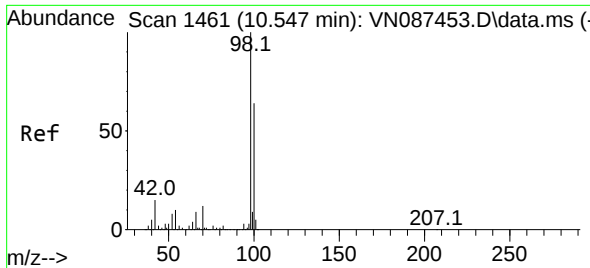
Tgt Ion:164 Resp: 64788
Ion Ratio Lower Upper
164 100
166 130.5 105.4 158.0
129 107.3 87.7 131.5
131 107.0 77.7 116.5



#62
Toluene
Concen: 17.879 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 91 Resp: 405628
Ion Ratio Lower Upper
91 100
92 57.0 45.8 68.6

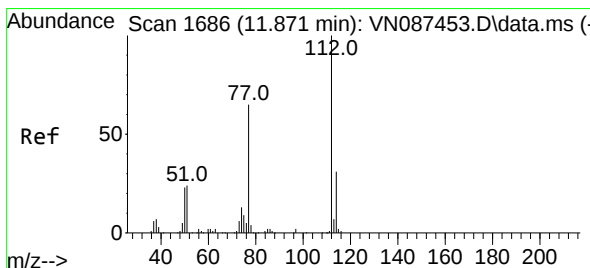
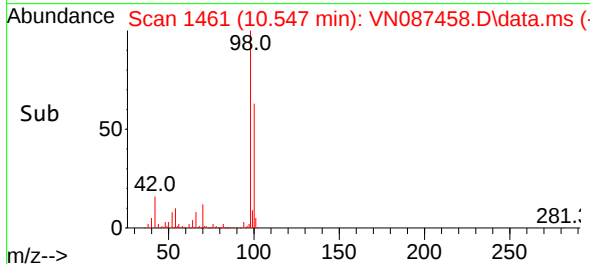
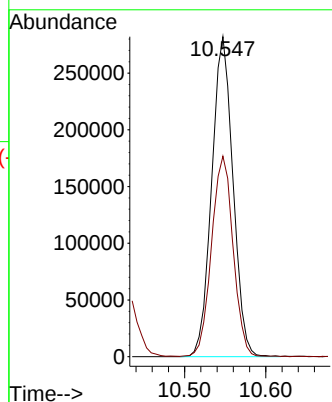
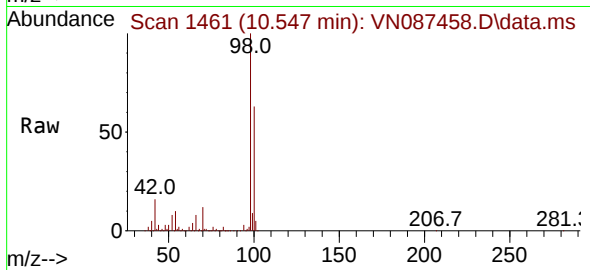




#63
Toluene-d8
Concen: 30.347 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

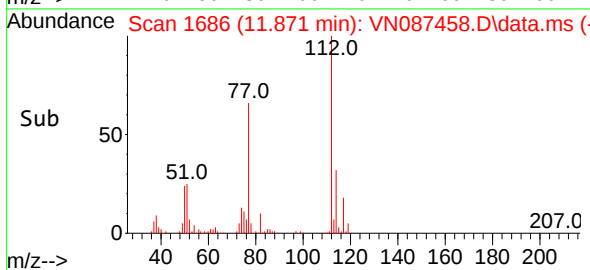
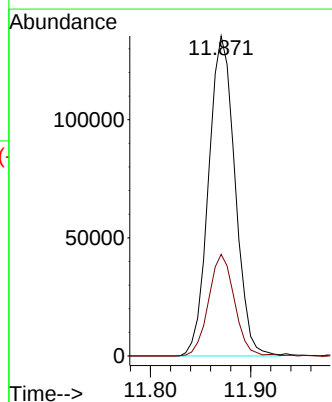
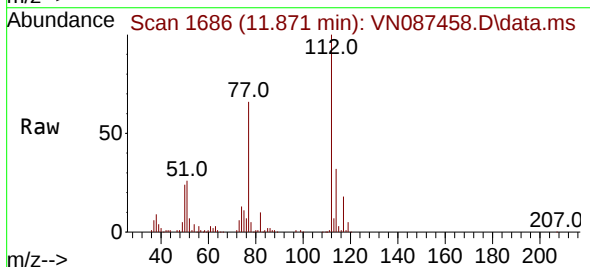
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

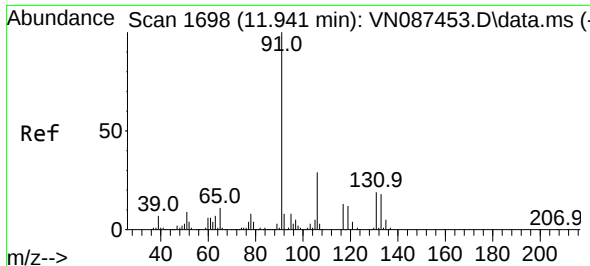
Tgt Ion: 98 Resp: 513267
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#64
Chlorobenzene
Concen: 17.811 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 112 Resp: 248284
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

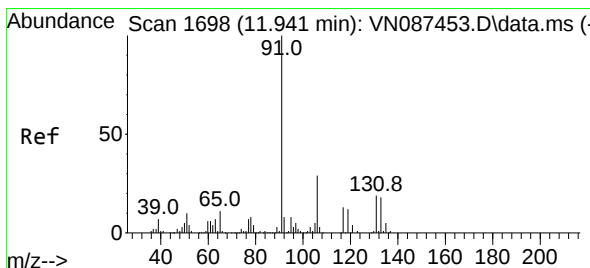
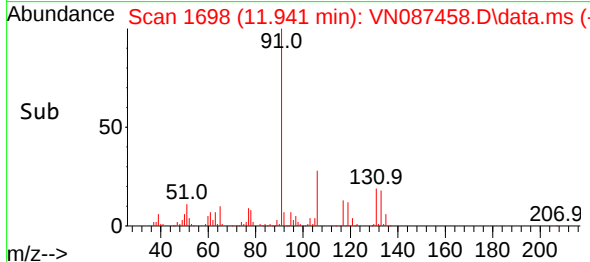
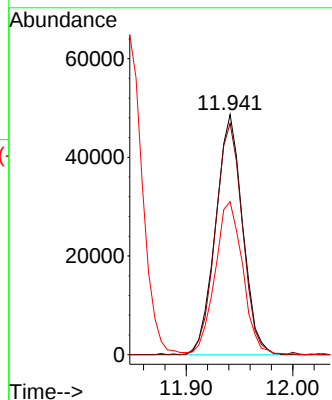
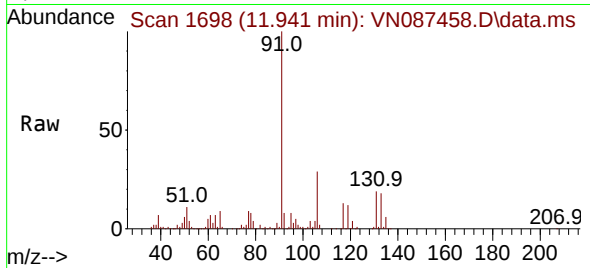




#65
1,1,1,2-Tetrachloroethane
Concen: 17.440 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

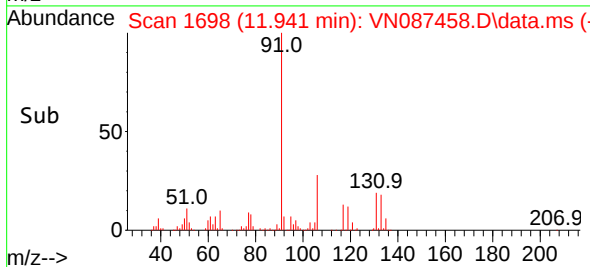
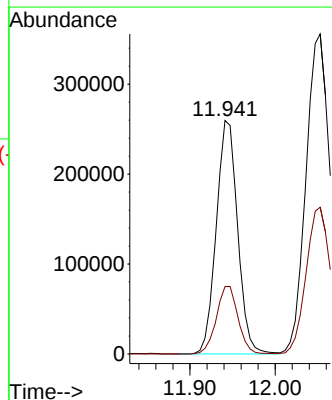
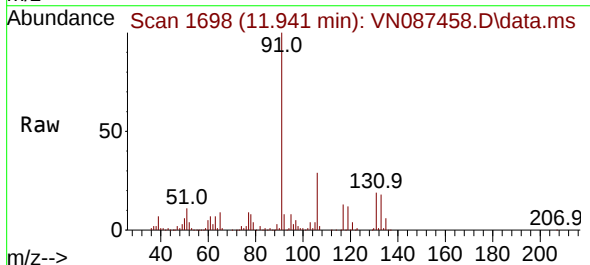
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

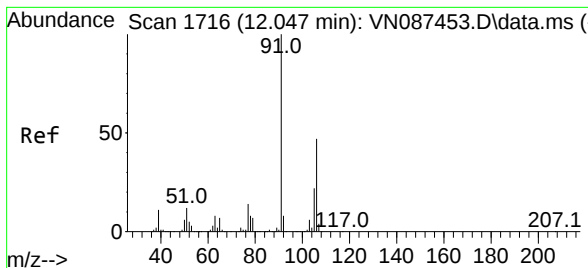
Tgt Ion:131 Resp: 85480
Ion Ratio Lower Upper
131 100
133 97.1 0.0 189.8
119 65.7 0.0 133.2



#66
Ethyl Benzene
Concen: 17.892 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 91 Resp: 452435
Ion Ratio Lower Upper
91 100
106 28.8 22.9 34.3

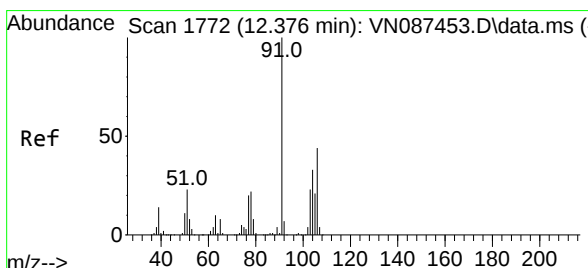
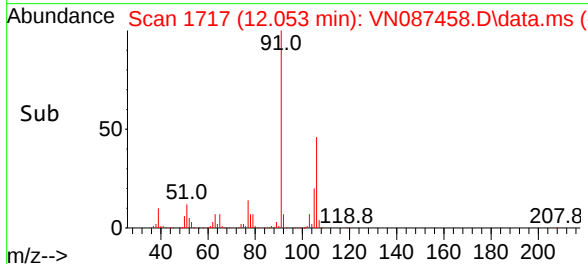
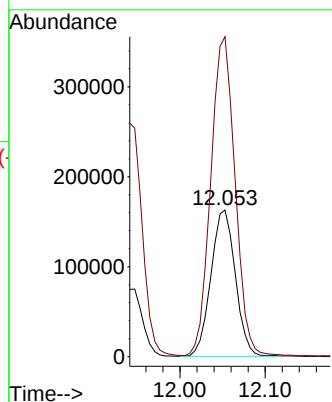
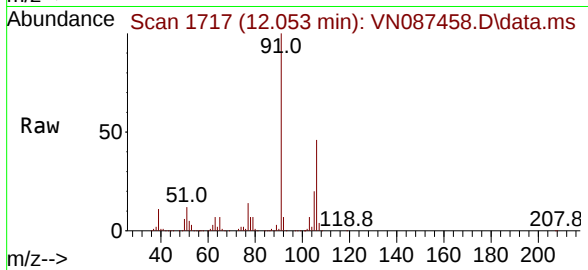




#67
m/p-Xylenes
Concen: 34.866 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

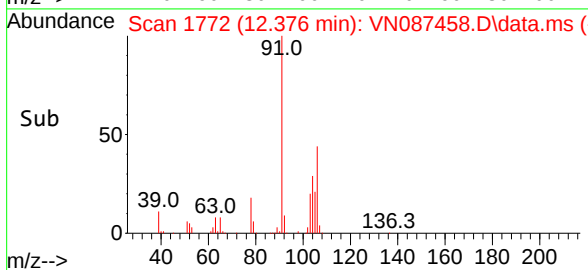
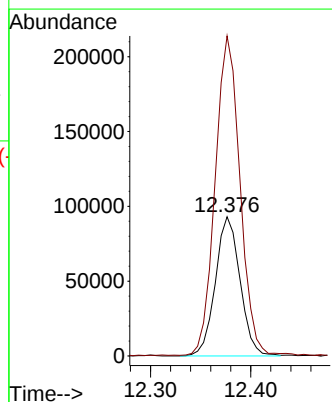
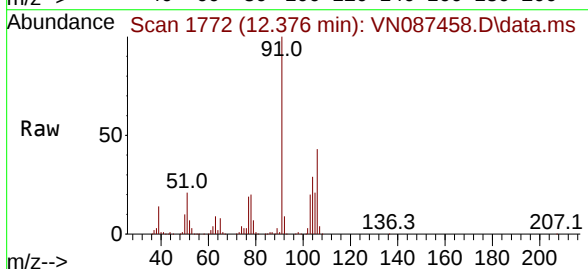
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

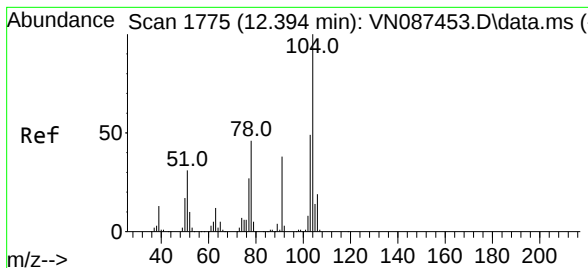
Tgt Ion:106 Resp: 323616
Ion Ratio Lower Upper
106 100
91 217.8 174.2 261.2



#68
o-Xylene
Concen: 17.419 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion:106 Resp: 159060
Ion Ratio Lower Upper
106 100
91 229.5 114.5 343.5





#69

Styrene

Concen: 17.260 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICV080525

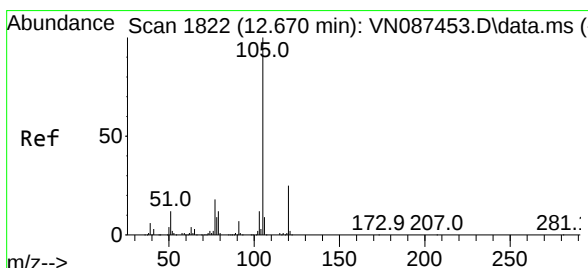
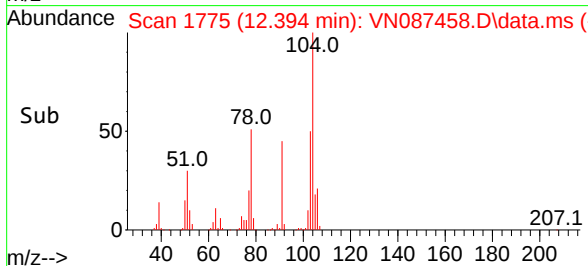
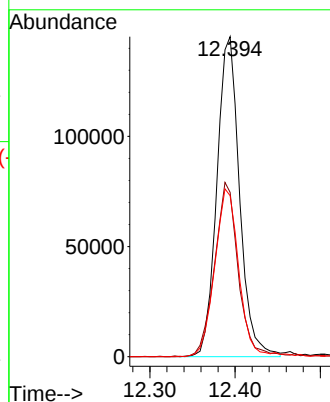
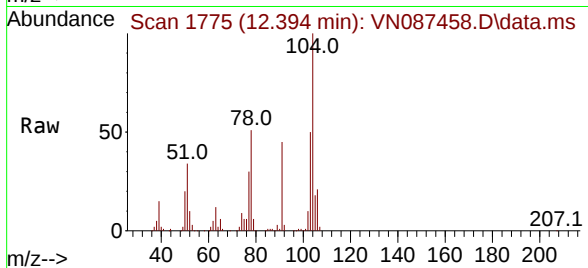
Tgt Ion:104 Resp: 269120

Ion Ratio Lower Upper

104 100

78 56.6 43.8 65.8

103 55.1 43.1 64.7



#70

Isopropylbenzene

Concen: 17.794 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087458.D

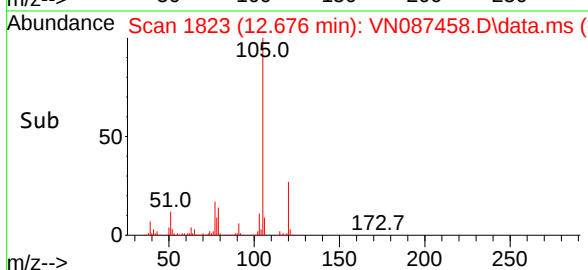
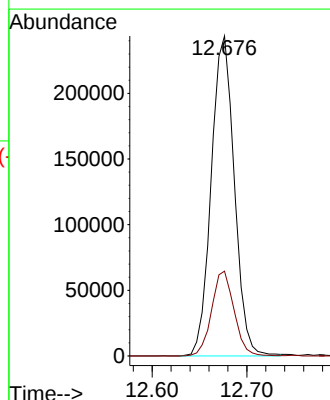
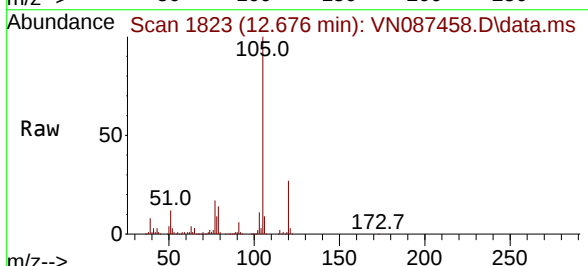
Acq: 05 Aug 2025 15:43

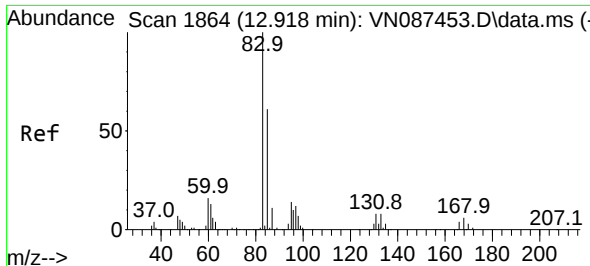
Tgt Ion:105 Resp: 412806

Ion Ratio Lower Upper

105 100

120 25.8 17.5 32.5

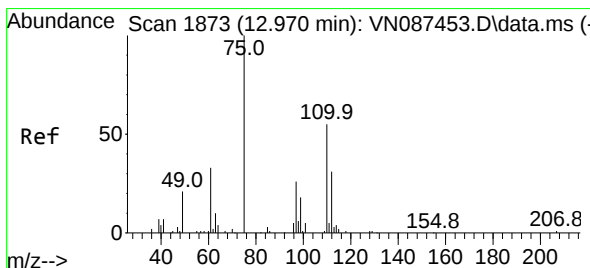
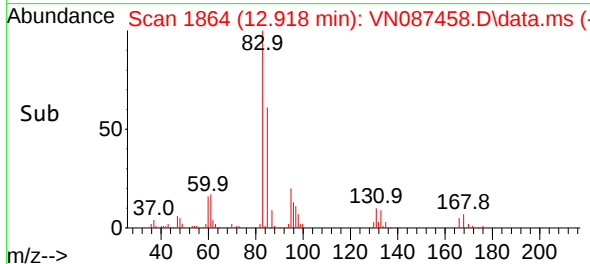
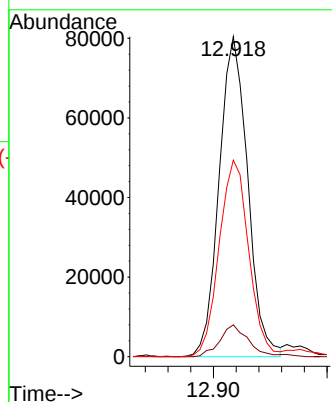
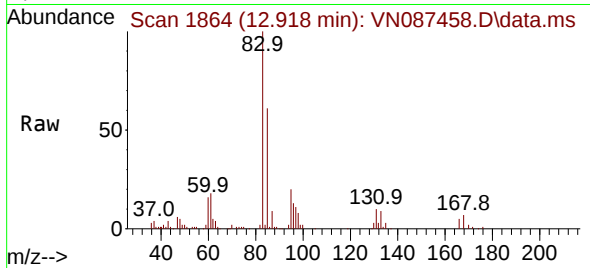




#71
1,1,2,2-Tetrachloroethane
Concen: 17.682 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

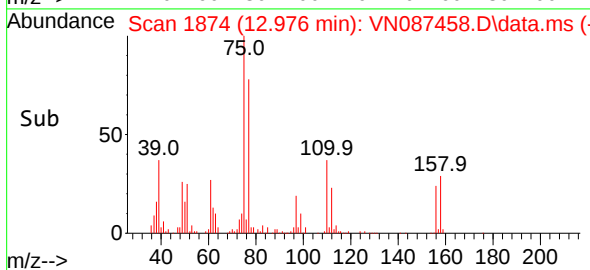
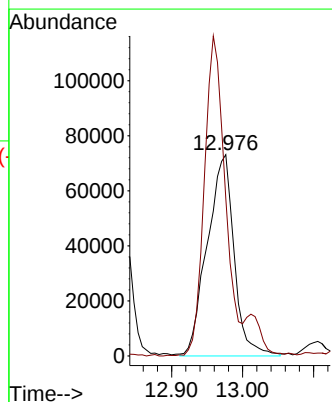
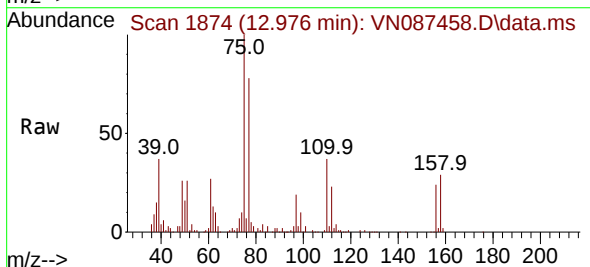
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

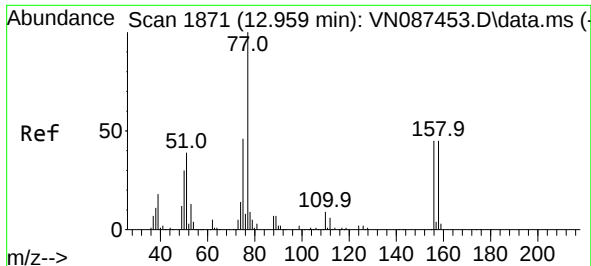
Tgt Ion: 83 Resp: 140546
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 63.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 25.946 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 75 Resp: 192129
Ion Ratio Lower Upper
75 100
77 122.8 0.0 385.0

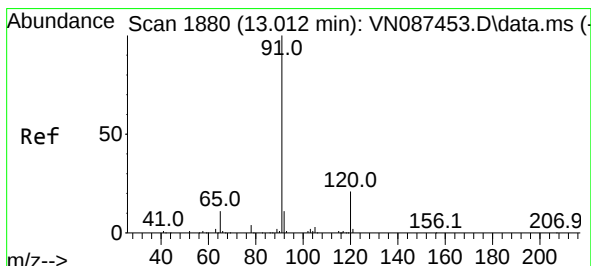
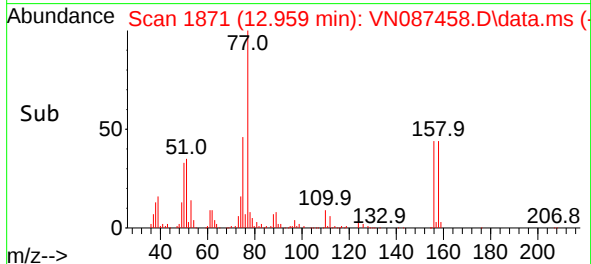
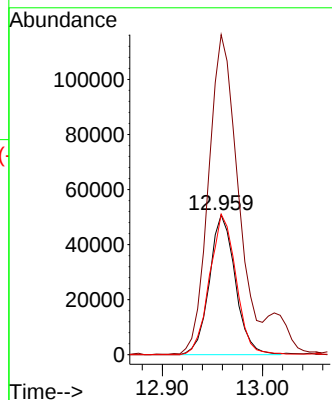
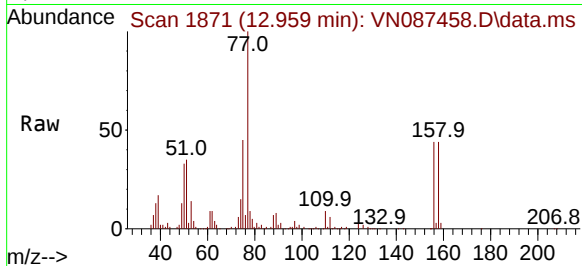




#73
Bromobenzene
Concen: 16.926 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

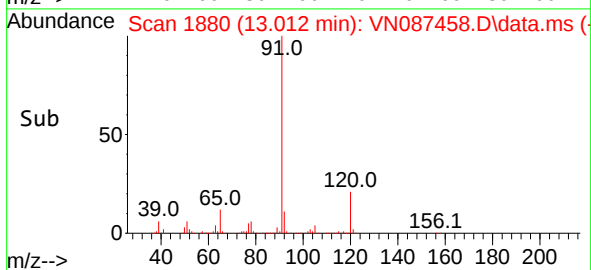
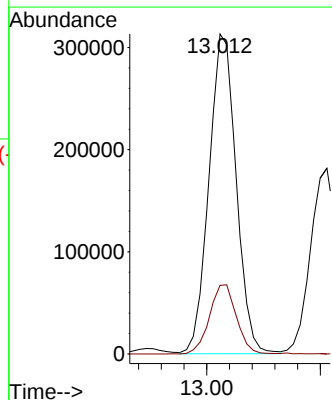
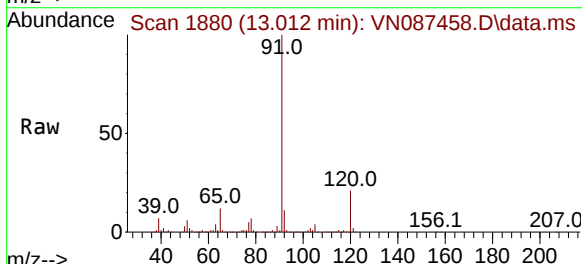
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

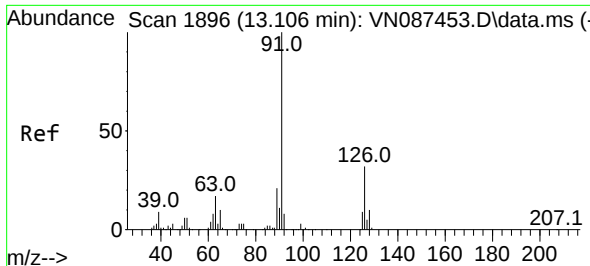
Tgt Ion	Ratio	Lower	Upper
156	100		
77	259.1	0.0	506.6
158	102.5	0.0	193.6



#74
n-propylbenzene
Concen: 17.991 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	0.0	41.8

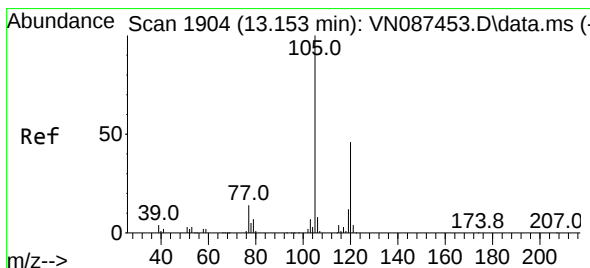
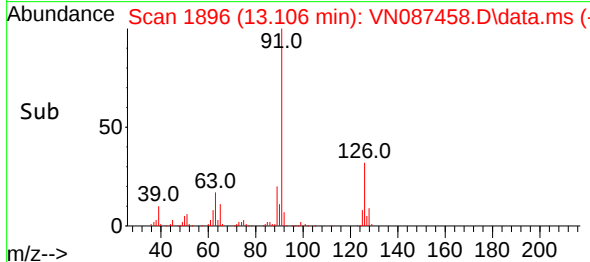
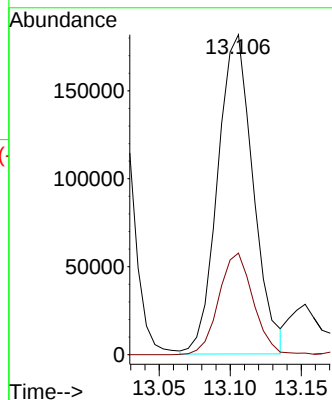
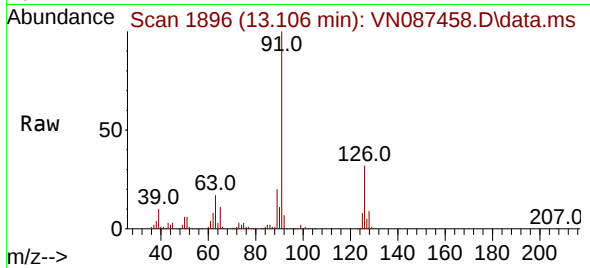




#75
2-Chlorotoluene
Concen: 17.717 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

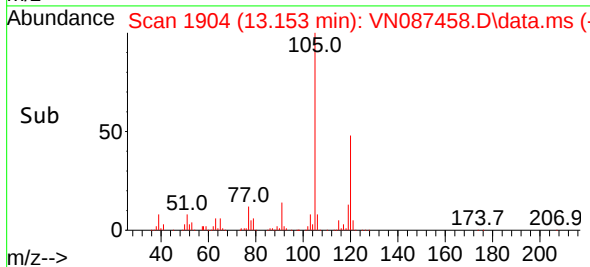
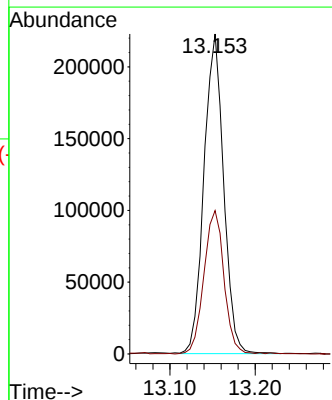
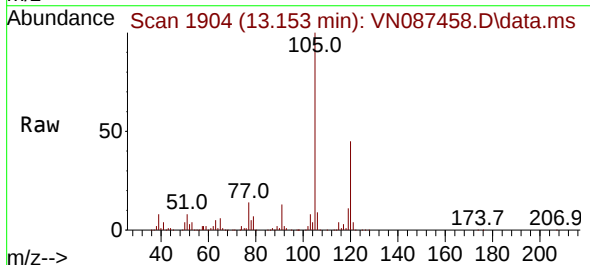
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

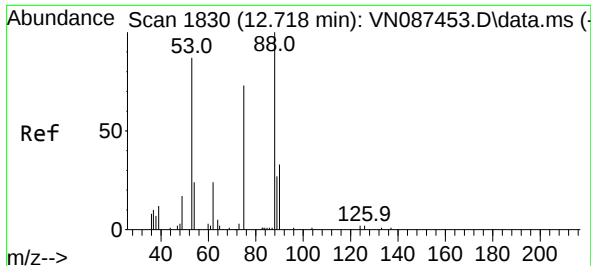
Tgt Ion: 91 Resp: 315743
Ion Ratio Lower Upper
91 100
126 30.8 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 17.960 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 105 Resp: 356748
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.2

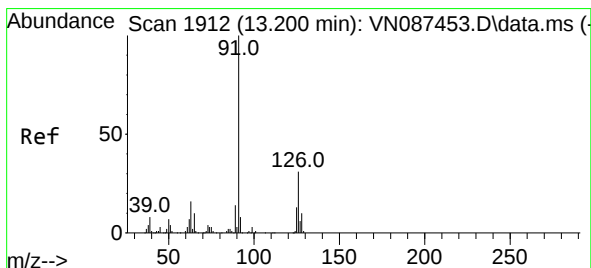
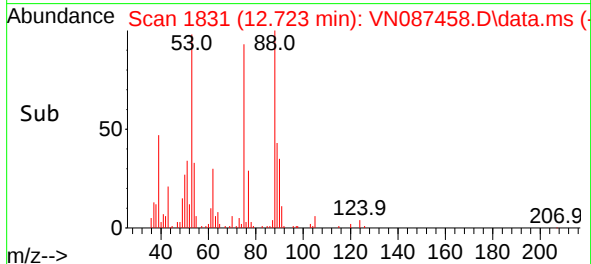
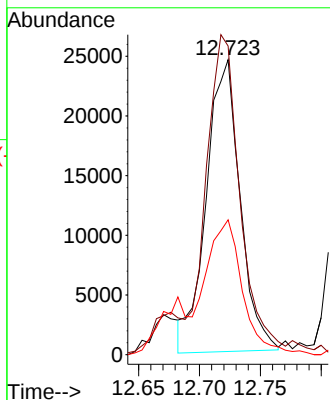
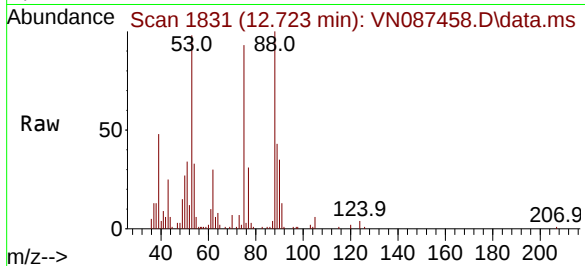




#77
t-1,4-Dichloro-2-butene
Concen: 16.855 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

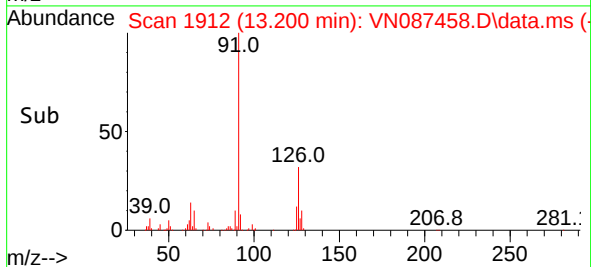
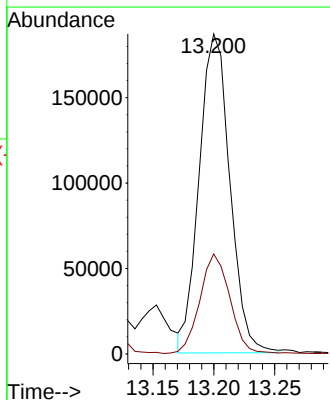
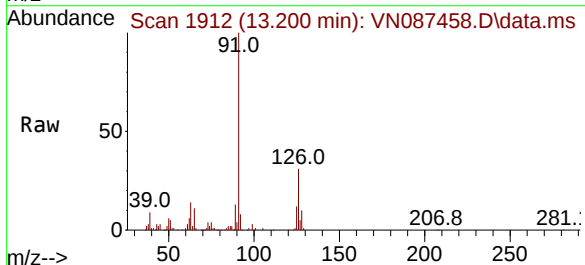
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

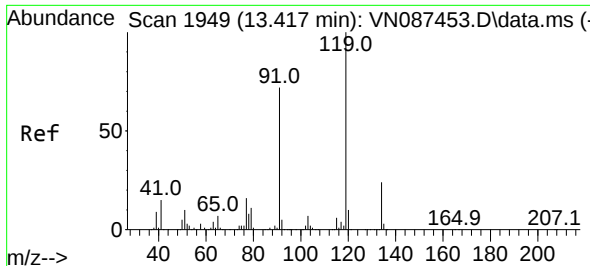
Tgt Ion: 75 Resp: 47247
Ion Ratio Lower Upper
75 100
53 102.7 59.0 176.8
89 44.1 22.1 66.5



#78
4-Chlorotoluene
Concen: 18.142 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 91 Resp: 327647
Ion Ratio Lower Upper
91 100
126 30.8 0.0 63.2

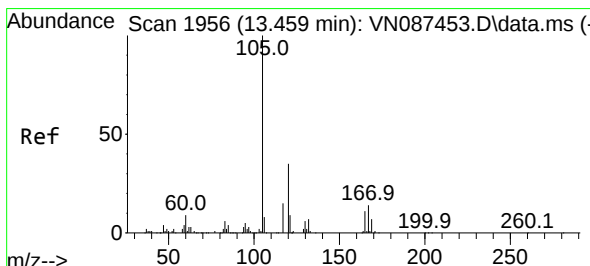
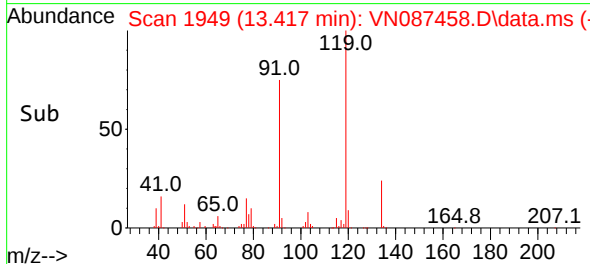
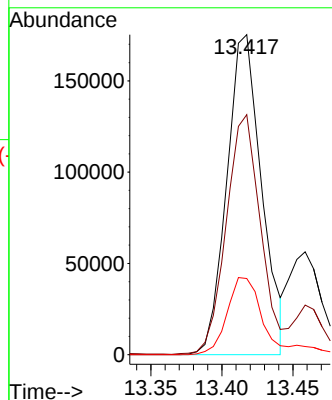
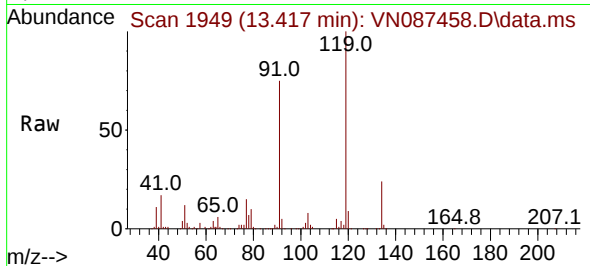




#79
tert-butylbenzene
Concen: 17.861 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

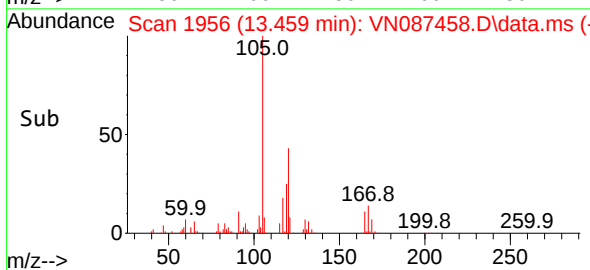
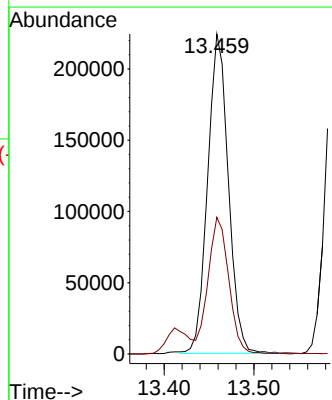
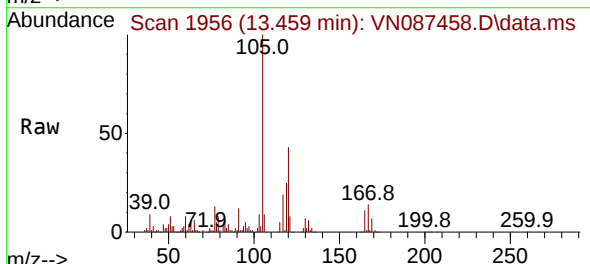
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

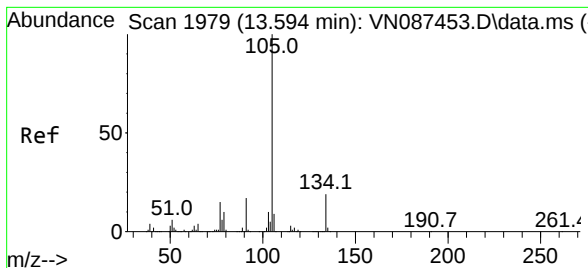
Tgt Ion:119 Resp: 299129
Ion Ratio Lower Upper
119 100
91 73.3 0.0 141.6
134 23.7 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 18.058 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion:105 Resp: 358425
Ion Ratio Lower Upper
105 100
120 42.2 0.0 87.2

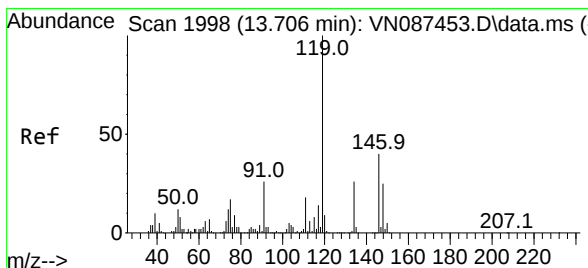
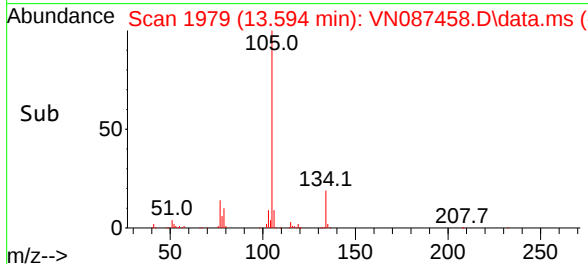
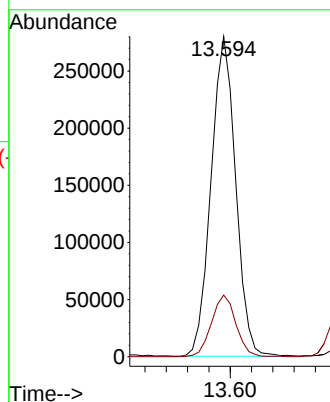
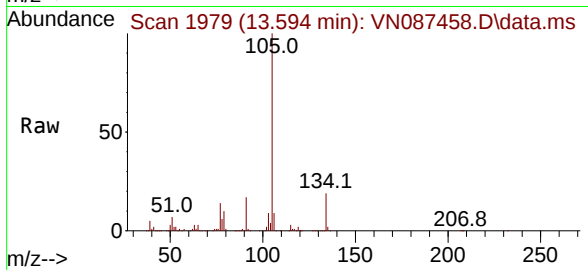




#81
 sec-Butylbenzene
 Concen: 18.364 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

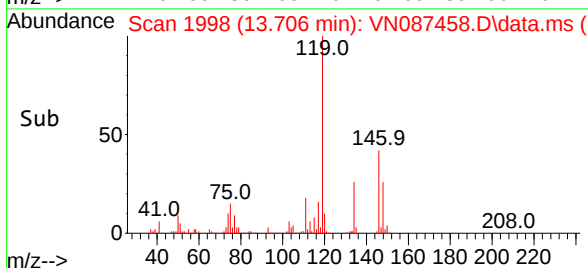
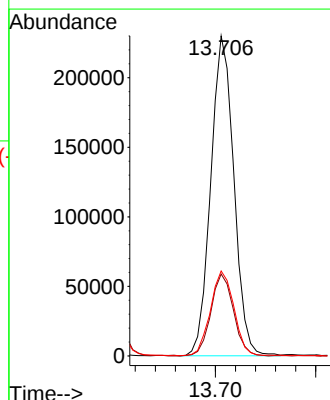
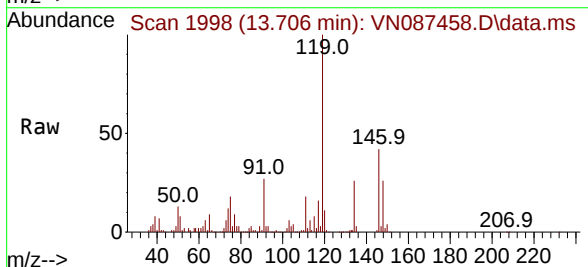
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080525

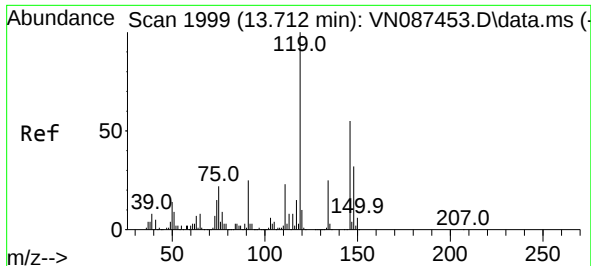
Tgt Ion:105 Resp: 447713
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 18.174 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

Tgt Ion:119 Resp: 367898
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.4
 91 26.7 0.0 52.0

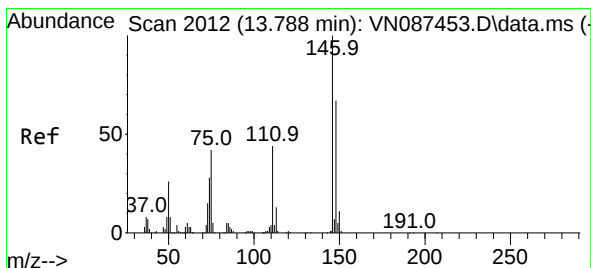
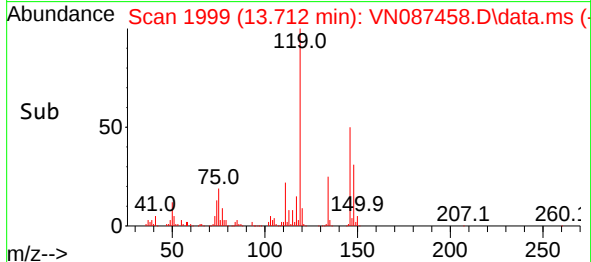
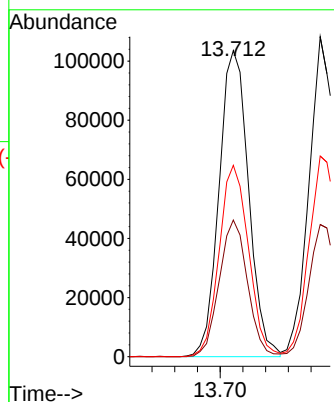
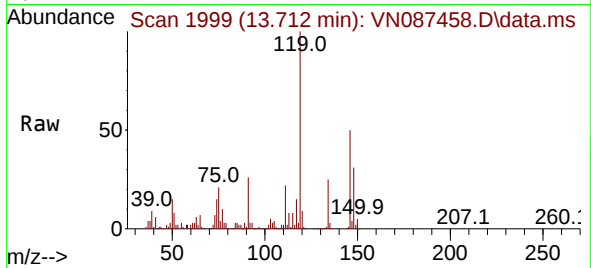




#83
 1,3-Dichlorobenzene
 Concen: 18.268 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

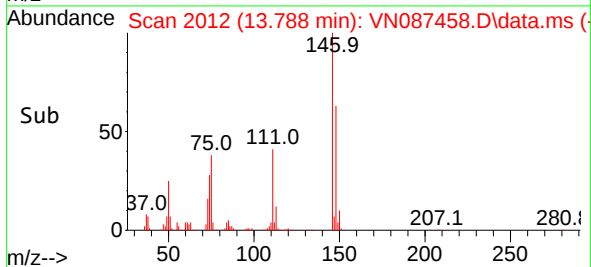
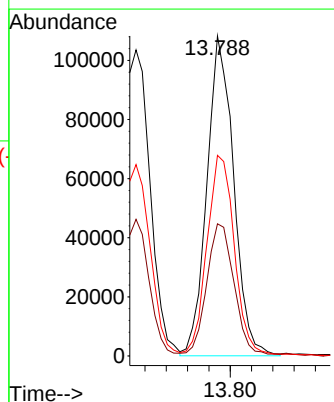
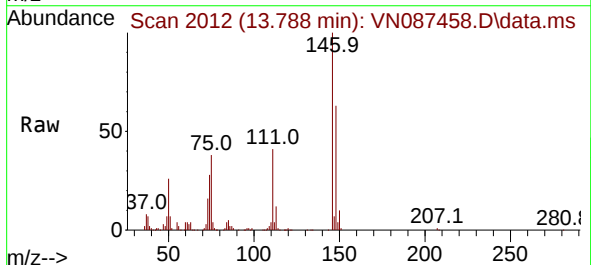
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN080525

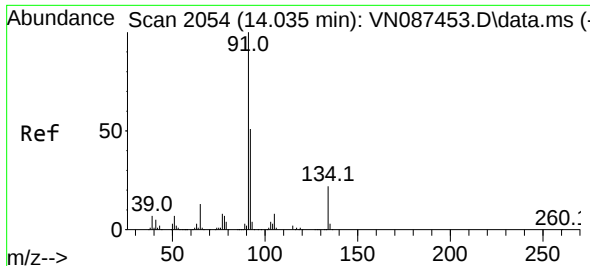
Tgt Ion:146 Resp: 187078
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.9 65.5
 148 62.2 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 18.174 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087458.D
 Acq: 05 Aug 2025 15:43

Tgt Ion:146 Resp: 188698
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 63.2 31.4 94.3

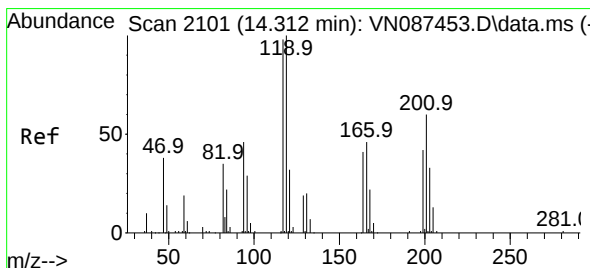
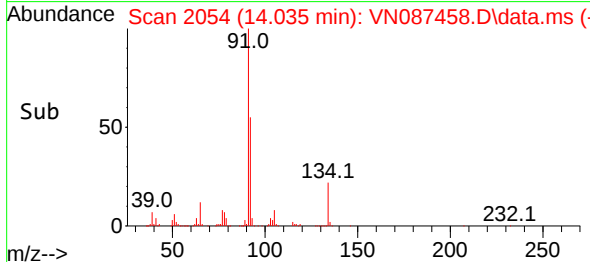
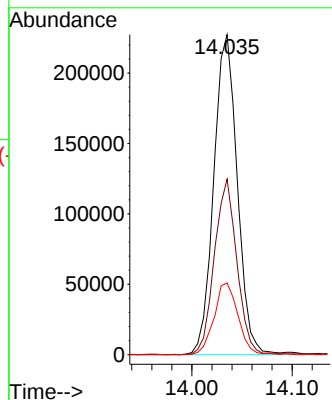
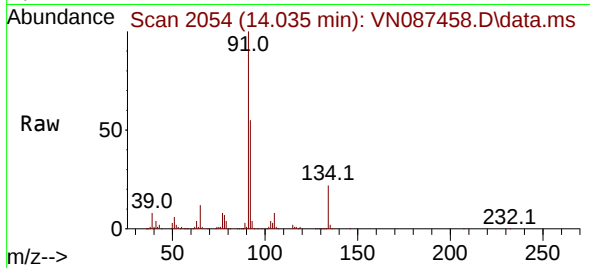




#85
n-Butylbenzene
Concen: 18.683 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

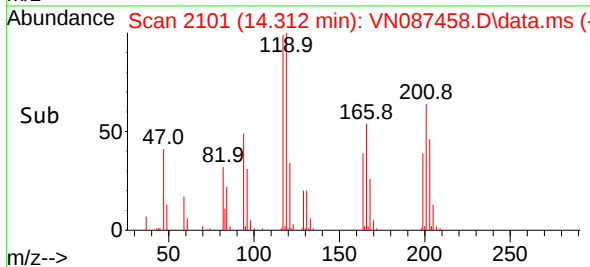
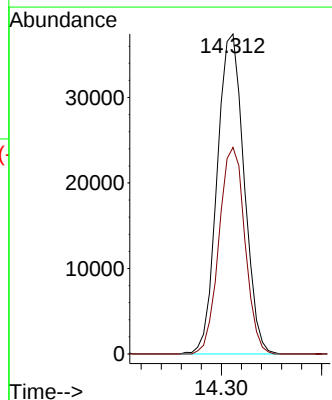
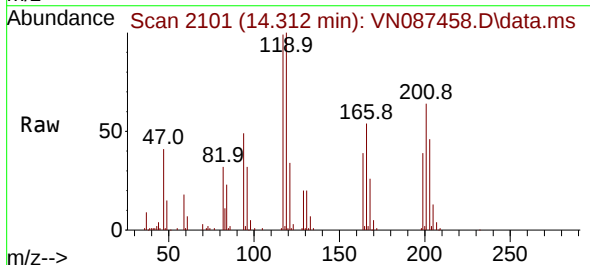
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

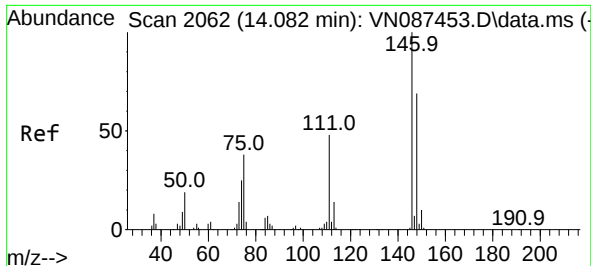
Tgt Ion: 91 Resp: 370033
Ion Ratio Lower Upper
91 100
92 52.3 0.0 106.6
134 22.7 0.0 44.4



#86
Hexachloroethane
Concen: 17.612 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087458.D
Acq: 05 Aug 2025 15:43

Tgt Ion: 117 Resp: 69621
Ion Ratio Lower Upper
117 100
201 62.2 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 18.275 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080525

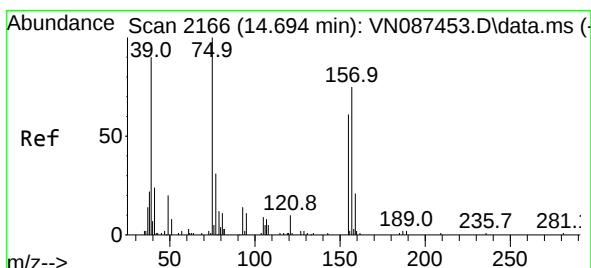
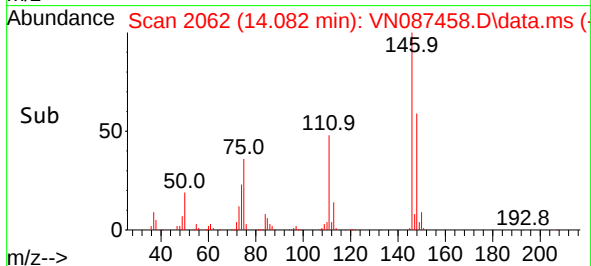
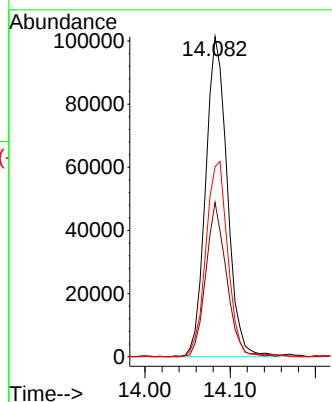
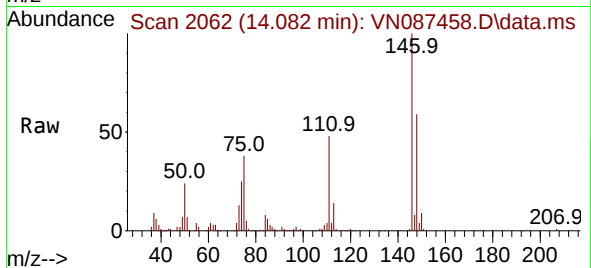
Tgt Ion:146 Resp: 178646

Ion Ratio Lower Upper

146 100

111 45.4 22.9 68.7

148 61.7 31.6 94.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.876 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

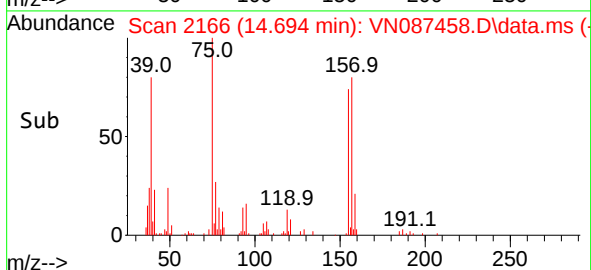
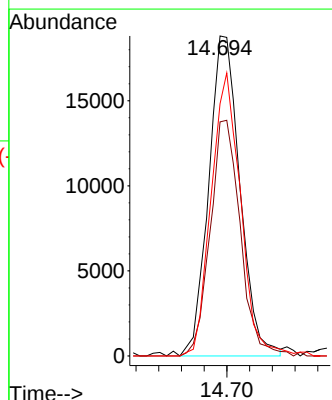
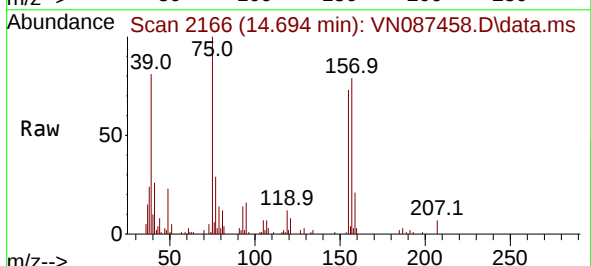
Tgt Ion: 75 Resp: 35995

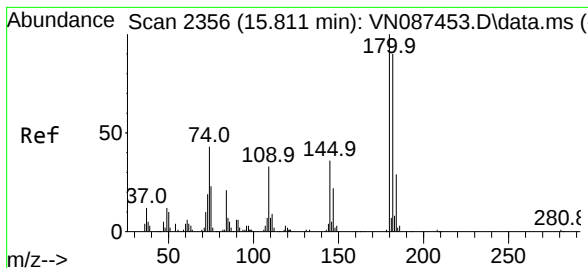
Ion Ratio Lower Upper

75 100

155 70.7 55.7 83.5

157 83.1 65.8 98.6





#89

1,2,4-Trichlorobenzene

Concen: 18.399 ug/l

RT: 15.811 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080525

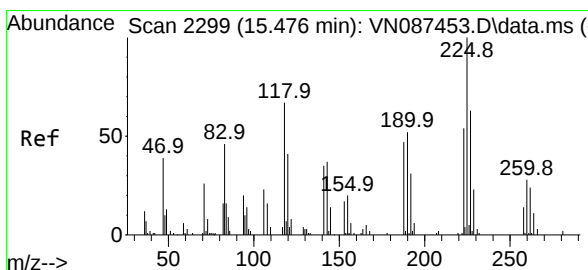
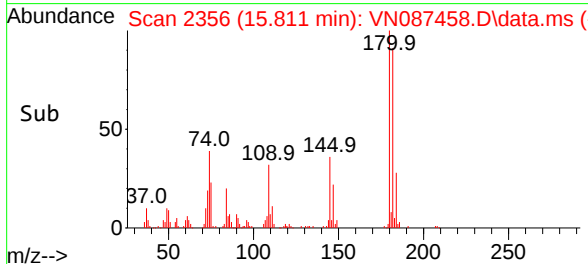
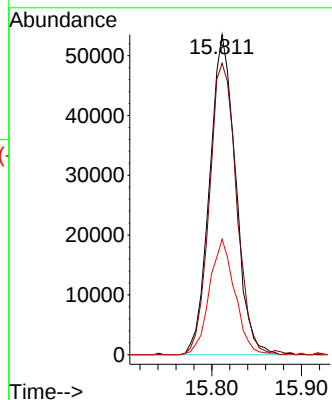
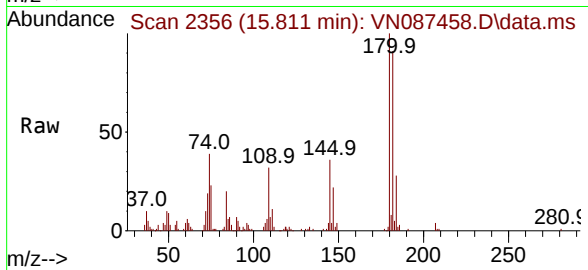
Tgt Ion:180 Resp: 107490

Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.4

145 35.4 28.6 43.0



#90

Hexachlorobutadiene

Concen: 18.649 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

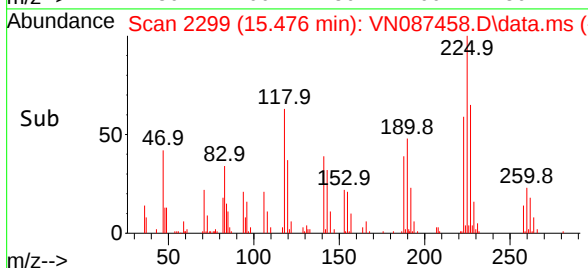
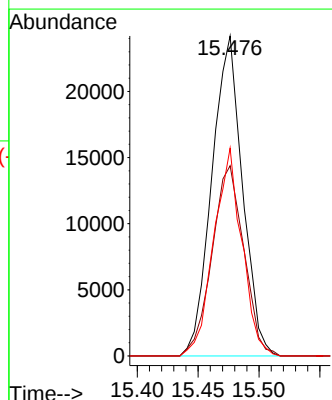
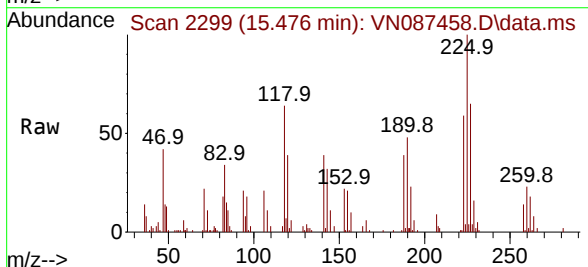
Tgt Ion:225 Resp: 42365

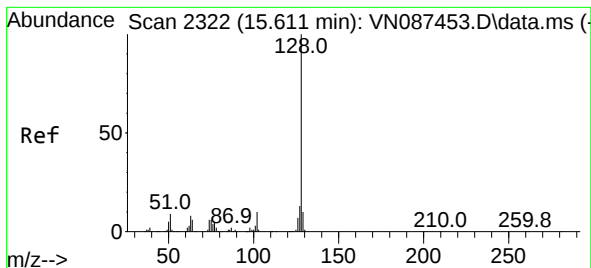
Ion Ratio Lower Upper

225 100

223 61.8 0.0 116.0

227 59.9 0.0 127.0





#91

Naphthalene

Concen: 18.174 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080525

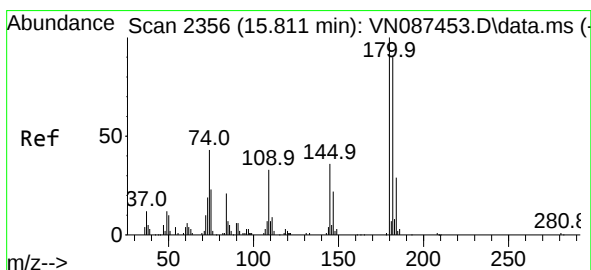
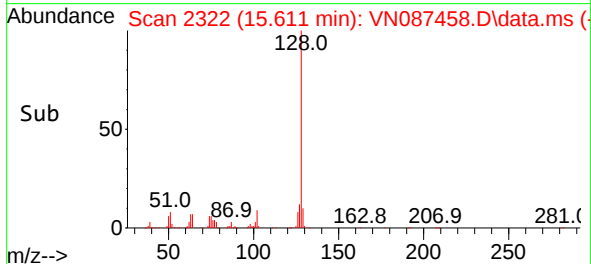
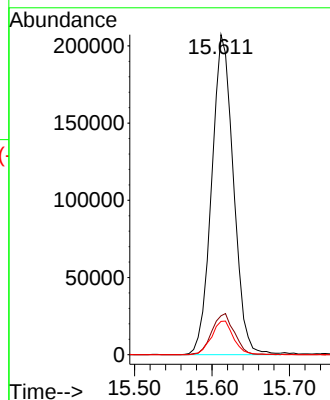
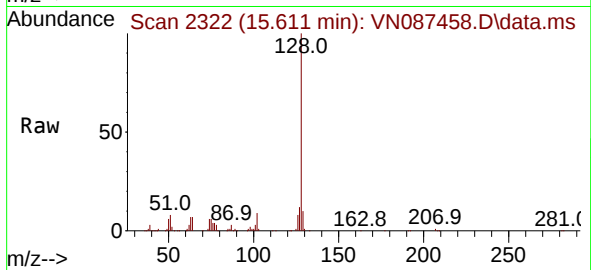
Tgt Ion:128 Resp: 404839

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.6 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.399 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087458.D

Acq: 05 Aug 2025 15:43

Tgt Ion:180 Resp: 107490

Ion Ratio Lower Upper

180 100

182 94.7 0.0 187.4

145 35.4 0.0 71.6

