

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
 Data File : VN087496.D
 Acq On : 08 Aug 2025 11:51
 Operator : JC\MD
 Sample : VN0808WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

Quant Time: Aug 11 01:18:25 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	7.794	128	59024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	330139	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	290582	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	166509	30.585	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.967%	
60) 4-Bromofluorobenzene	12.829	95	148686	29.733	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.100%	
63) Toluene-d8	10.547	98	409328	30.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	86887	22.547	ug/l	95
3) Chloromethane	2.383	50	81781	20.684	ug/l	91
4) Vinyl Chloride	2.542	62	91247	21.759	ug/l	99
5) Bromomethane	2.983	94	37541	16.539	ug/l	83
6) Chloroethane	3.142	64	59089	21.851	ug/l	97
7) Trichlorofluoromethane	3.512	101	131728	21.827	ug/l	96
8) Diethyl Ether	3.965	74	55798	22.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	72651	23.606	ug/l	96
10) 1,1-Dichloroethene	4.330	96	72833	22.530	ug/l	98
11) Methyl Iodide	4.577	142	33864	13.304	ug/l	100
12) Methyl Acetate	5.018	43	127963	21.450	ug/l	99
13) Acrolein	4.177	56	96162	105.540	ug/l	97
14) Acrylonitrile	5.712	53	267957	102.865	ug/l	99
15) Acetone	4.424	58	79631	106.988	ug/l	100
16) Carbon Disulfide	4.700	76	204850	20.428	ug/l	98
17) Allyl chloride	5.012	41	140620	21.342	ug/l	95
18) Methylene Chloride	5.265	84	90472	21.739	ug/l	90
19) trans-1,2-Dichloroethene	5.771	96	78824	20.504	ug/l	98
20) Diisopropyl ether	6.659	45	303608	20.227	ug/l	95
21) 1,1-Dichloroethane	6.553	63	162082	20.890	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	94461	19.970	ug/l	97
23) tert-Butyl Alcohol	5.530	59	115576	104.413	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	303793	20.624	ug/l	99
25) Chloroform	7.947	83	169189	20.890	ug/l	99
26) Cyclohexane	8.235	56	134649	21.675	ug/l #	99
29) 1,1-Dichloropropene	8.359	75	110735	20.565	ug/l	98
30) 2-Butanone	7.471	43	405126	102.071	ug/l	99
31) 2,2-Dichloropropane	7.471	77	148751	21.419	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	145894	21.244	ug/l	96
33) Carbon Tetrachloride	8.341	117	116630	20.443	ug/l	99
34) Benzene	8.588	78	349421	20.557	ug/l	99
35) Methacrylonitrile	7.765	41	86589	20.216	ug/l	92
36) 1,2-Dichloroethane	8.653	62	141361	20.577	ug/l	99
37) Trichloroethene	9.335	130	78697	21.019	ug/l	94
38) Methylcyclohexane	9.582	83	136992	21.930	ug/l	99
39) 1,2-Dichloropropane	9.606	63	89219	20.472	ug/l	100
40) Dibromomethane	9.688	93	66274	20.269	ug/l	96
41) Bromodichloromethane	9.871	83	136239	20.052	ug/l	93
42) Vinyl Acetate	6.589	43	1319949	100.984	ug/l	99

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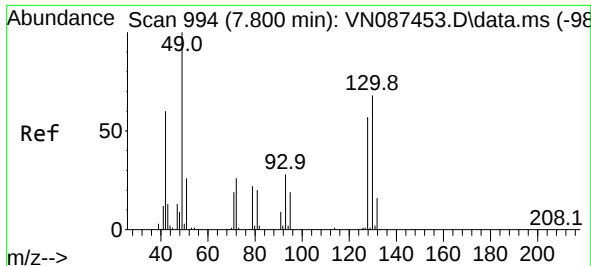
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	155851	20.325	ug/l #	84
44) Isopropyl Acetate	8.677	43	268541	20.661	ug/l	97
45) 1,4-Dioxane	9.688	88	37330	450.519	ug/l	99
46) Methyl methacrylate	9.665	41	123879	20.191	ug/l	96
47) n-amyl Acetate	12.529	43	29565	4.118	ug/l #	51
48) t-1,3-Dichloropropene	10.818	75	145848	19.731	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	151100	20.312	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	85256	20.637	ug/l	97
51) Ethyl methacrylate	10.859	69	146655	20.157	ug/l	94
52) 1,3-Dichloropropane	11.141	76	149952	20.147	ug/l	97
53) Dibromochloromethane	11.341	129	94576	19.823	ug/l	100
54) 1,2-Dibromoethane	11.447	107	89636	20.439	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	365726	95.485	ug/l	99
56) Bromoform	12.559	173	60219	19.082	ug/l #	97
58) 4-Methyl-2-Pentanone	10.429	43	809723	108.322	ug/l	99
59) 2-Hexanone	11.176	43	528222	104.001	ug/l	98
61) Tetrachloroethene	11.082	164	65010	22.964	ug/l	93
62) Toluene	10.612	91	373990	20.853	ug/l	99
64) Chlorobenzene	11.871	112	226192	20.525	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	80596	20.801	ug/l	99
66) Ethyl Benzene	11.941	91	412496	20.635	ug/l	95
67) m/p-Xylenes	12.047	106	302096	41.171	ug/l	100
68) o-Xylene	12.376	106	150926	20.908	ug/l	98
69) Styrene	12.394	104	253574	20.573	ug/l	99
70) Isopropylbenzene	12.676	105	392981	21.428	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	134296	21.372	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	174319	29.779	ug/l	56
73) Bromobenzene	12.959	156	90604	21.311	ug/l	96
74) n-propylbenzene	13.018	91	488512	21.329	ug/l	99
75) 2-Chlorotoluene	13.106	91	291316	20.677	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	334306	21.290	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	40741	18.385	ug/l	94
78) 4-Chlorotoluene	13.200	91	302568	21.192	ug/l	99
79) tert-butylbenzene	13.418	119	284897	21.519	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	331588	21.133	ug/l	99
81) sec-Butylbenzene	13.594	105	423329	21.964	ug/l	100
82) p-Isopropyltoluene	13.706	119	353335	22.079	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	176453	21.796	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	169083	20.600	ug/l	98
85) n-Butylbenzene	14.035	91	343858	21.962	ug/l	98
86) Hexachloroethane	14.312	117	60584	19.387	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	167893	21.726	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	33241	20.882	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	94324	20.423	ug/l	96
90) Hexachlorobutadiene	15.476	225	39581	22.040	ug/l	97
91) Naphthalene	15.611	128	363863	20.662	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	94324	20.423	ug/l	96

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

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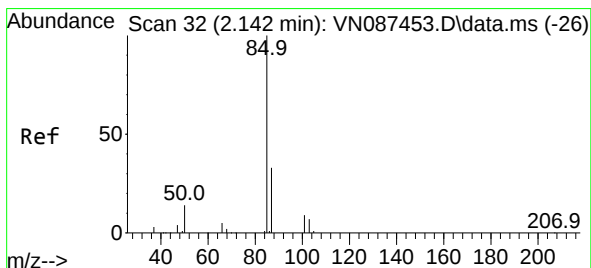
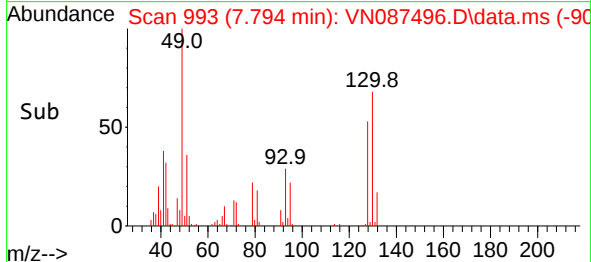
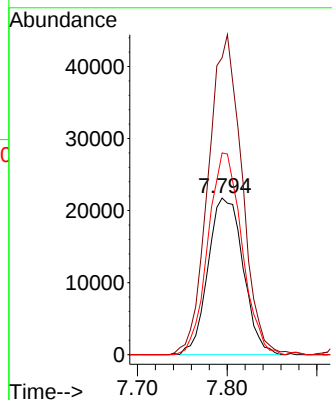
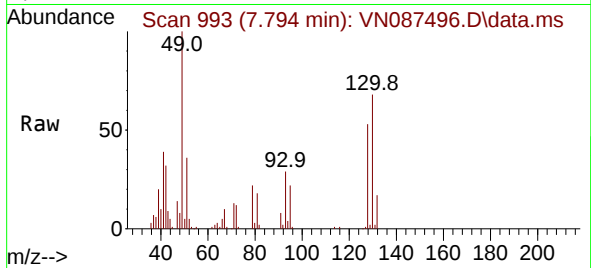




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

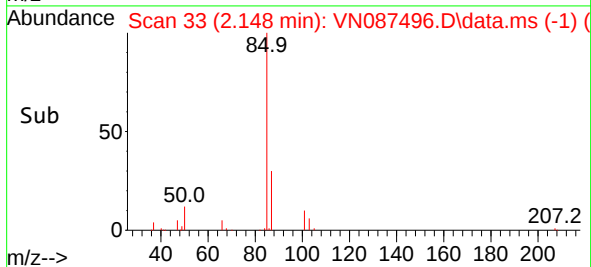
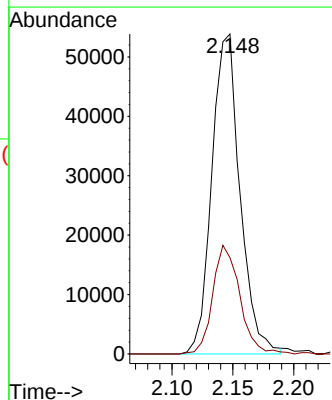
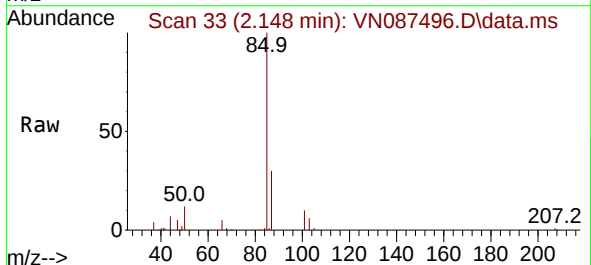
Instrument :
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ClientSampleId :
VN0808WBSD01

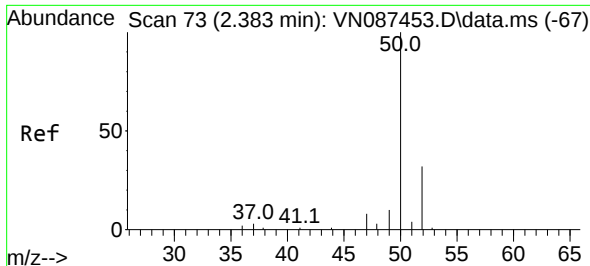
Tgt Ion:128 Resp: 59024
Ion Ratio Lower Upper
128 100
49 196.1 0.0 494.8
130 124.7 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 22.547 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 85 Resp: 86887
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.2

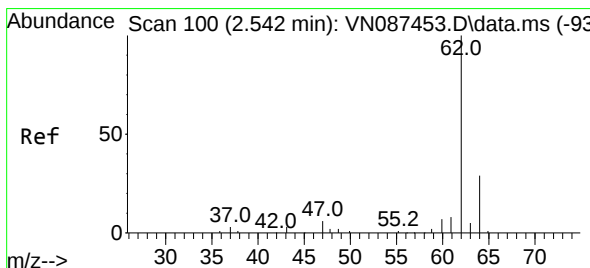
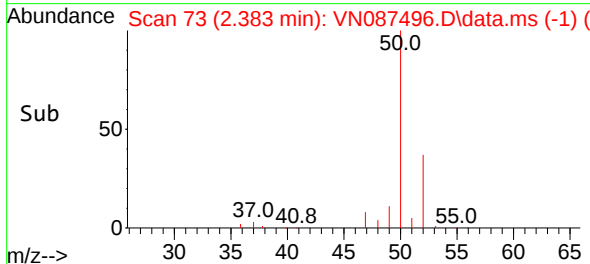
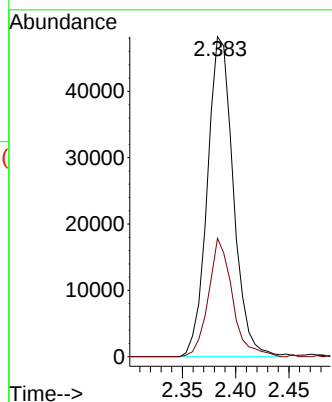
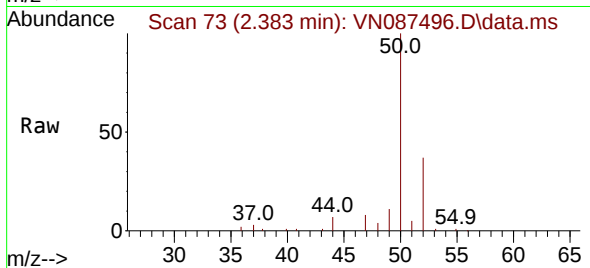




#3
Chloromethane
Concen: 20.684 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

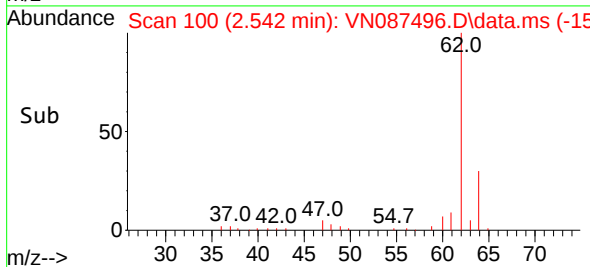
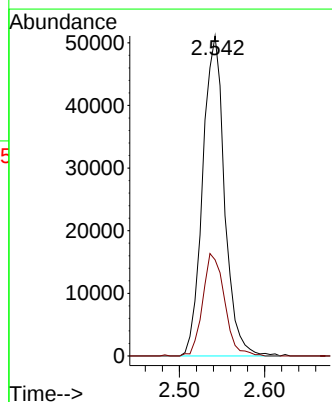
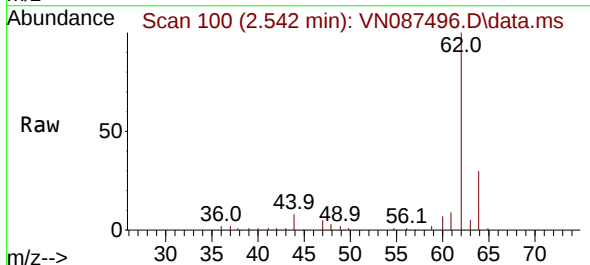
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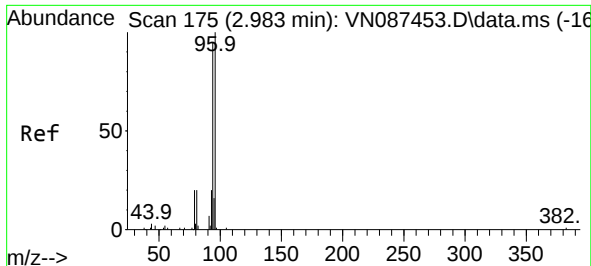
Tgt Ion: 50 Resp: 81781
Ion Ratio Lower Upper
50 100
52 37.0 25.8 38.6



#4
Vinyl Chloride
Concen: 21.759 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 62 Resp: 91247
Ion Ratio Lower Upper
62 100
64 30.1 23.4 35.2

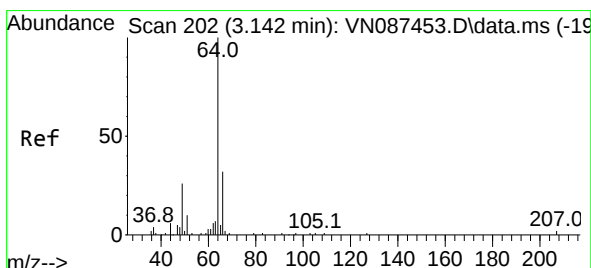
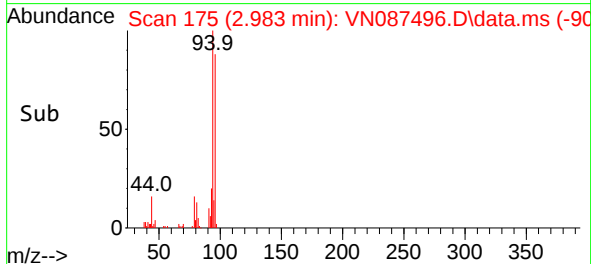
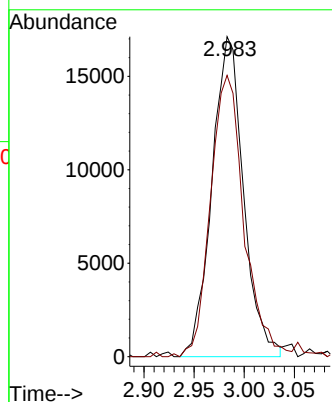
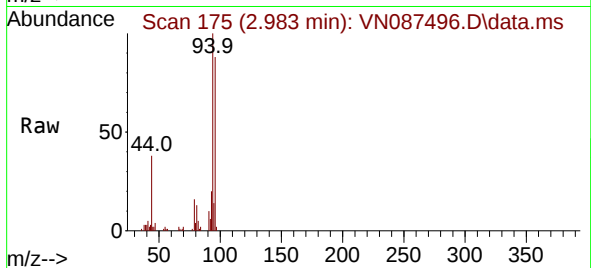




#5
Bromomethane
Concen: 16.539 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

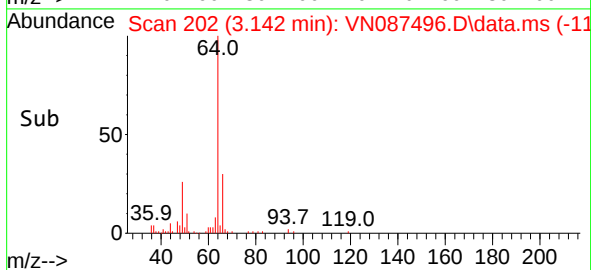
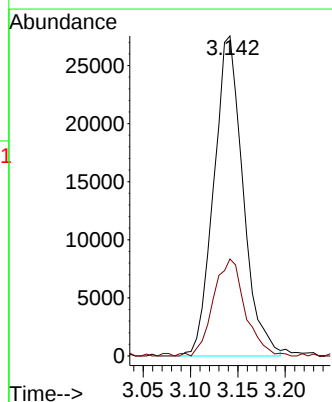
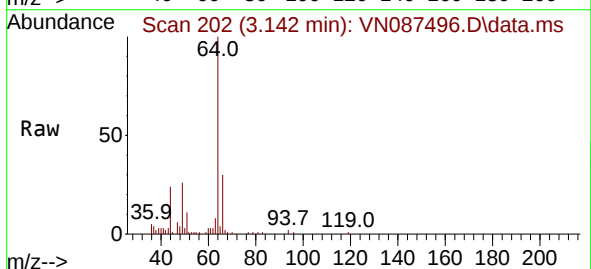
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MSVOA_N
ClientSampleId :
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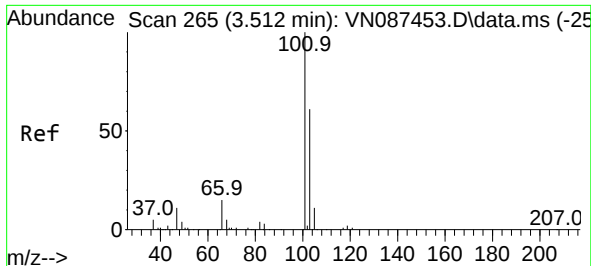
Tgt Ion: 94 Resp: 37541
Ion Ratio Lower Upper
94 100
96 87.9 84.2 126.4



#6
Chloroethane
Concen: 21.851 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 64 Resp: 59089
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.0

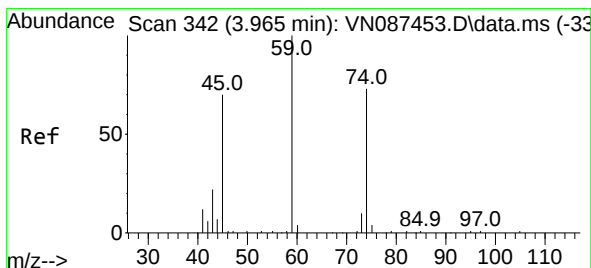
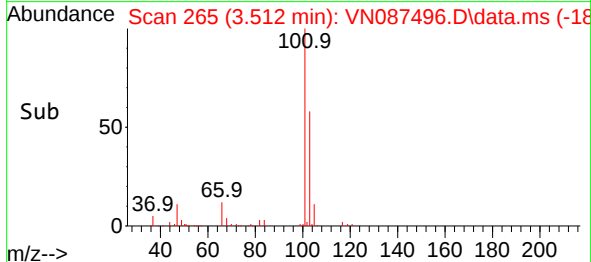
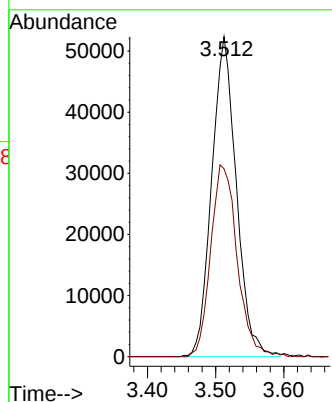
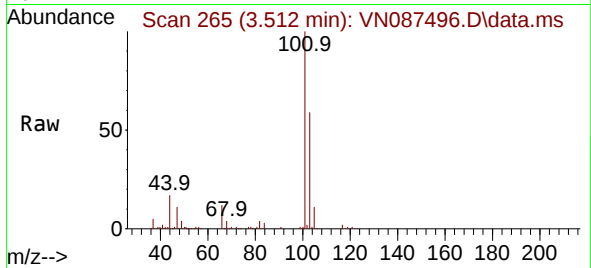




#7
 Trichlorofluoromethane
 Concen: 21.827 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087496.D
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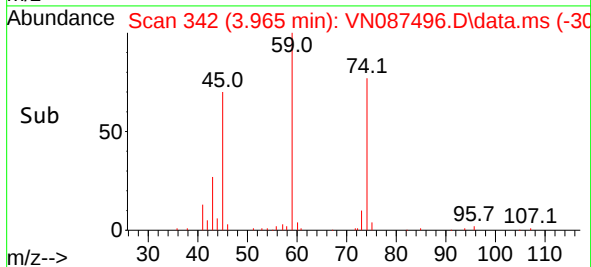
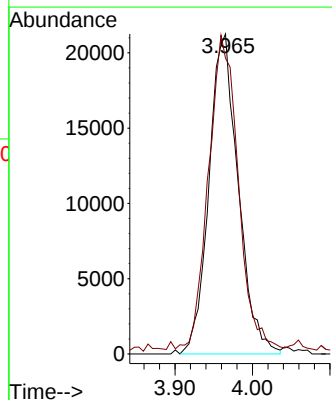
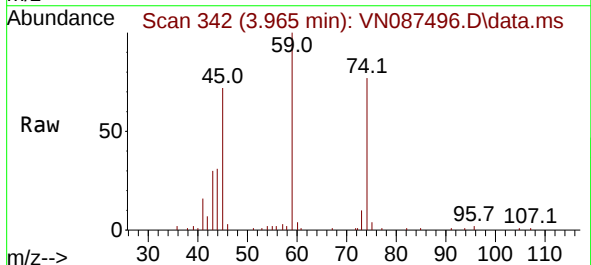
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Tgt Ion:101 Resp: 131728
 Ion Ratio Lower Upper
 101 100
 103 58.7 49.2 73.8



#8
 Diethyl Ether
 Concen: 22.192 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

Tgt Ion: 74 Resp: 55798
 Ion Ratio Lower Upper
 74 100
 45 99.1 20.1 180.9

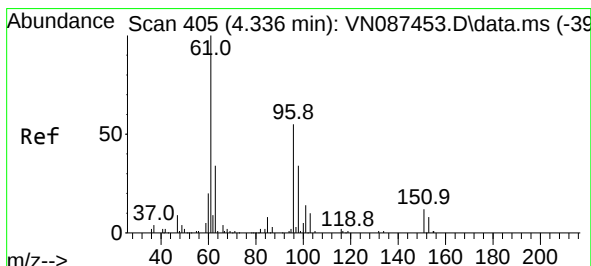
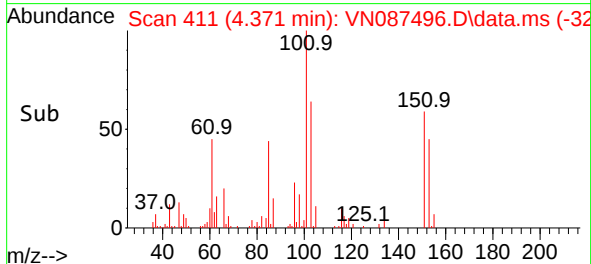
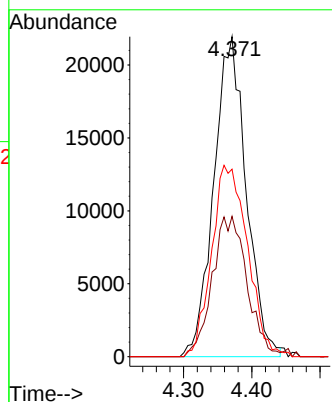
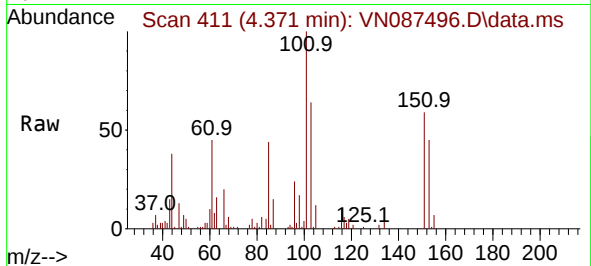




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.606 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087496.D
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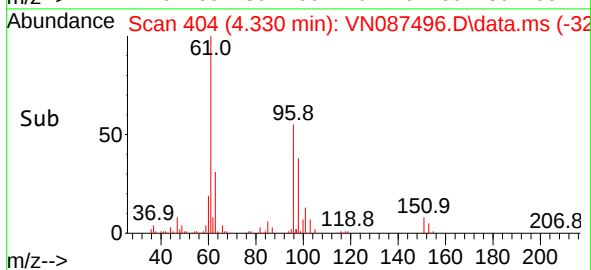
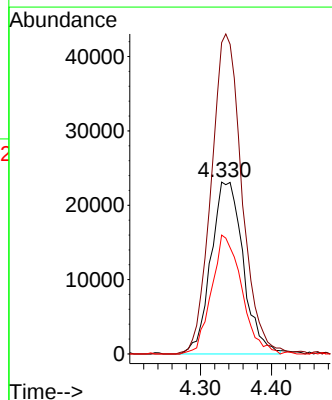
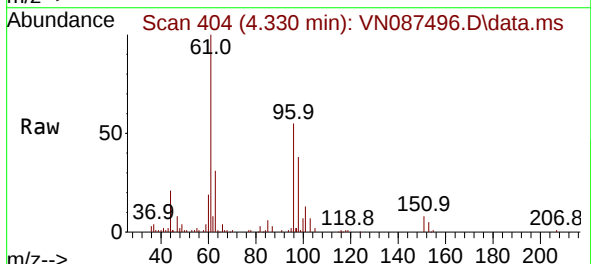
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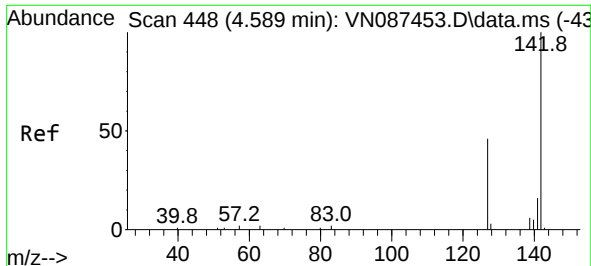
Tgt Ion:101 Resp: 72651
 Ion Ratio Lower Upper
 101 100
 85 23.4 0.0 57.0
 151 65.5 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 22.530 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VN087496.D
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Tgt Ion: 96 Resp: 72833
 Ion Ratio Lower Upper
 96 100
 61 180.3 144.2 216.4
 98 69.2 49.7 74.5

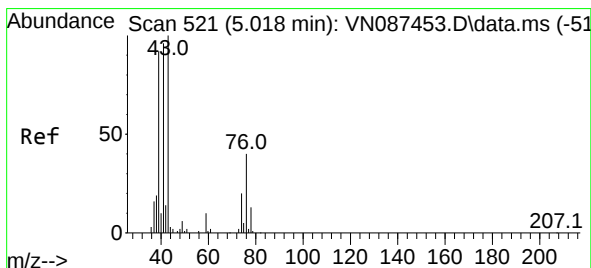
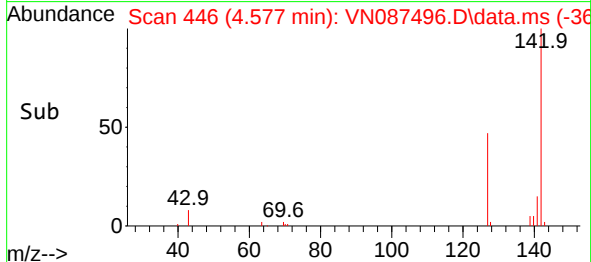
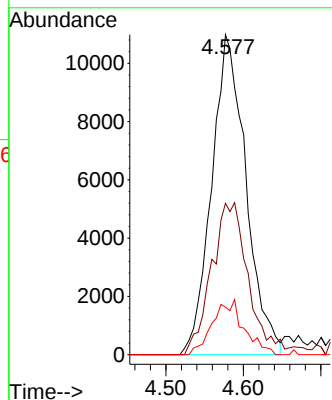
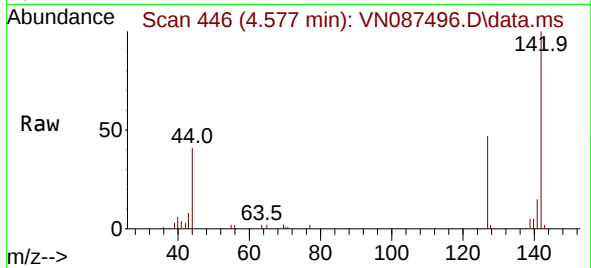




#11
Methyl Iodide
Concen: 13.304 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

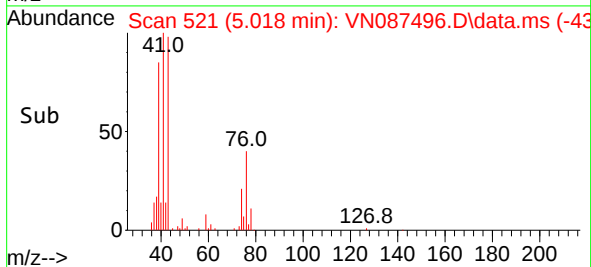
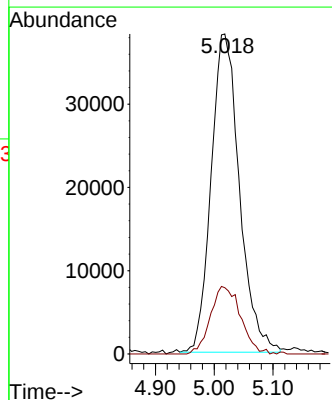
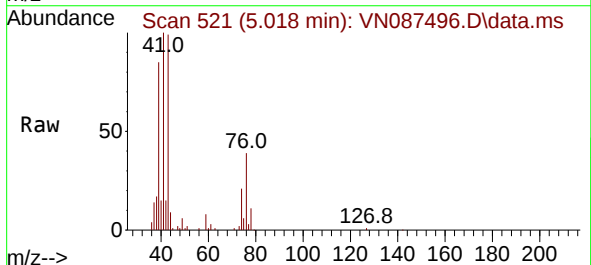
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:142 Resp: 33864
Ion Ratio Lower Upper
142 100
127 45.7 22.9 68.7
141 15.1 7.7 23.1



#12
Methyl Acetate
Concen: 21.450 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 43 Resp: 127963
Ion Ratio Lower Upper
43 100
74 20.6 16.0 24.0

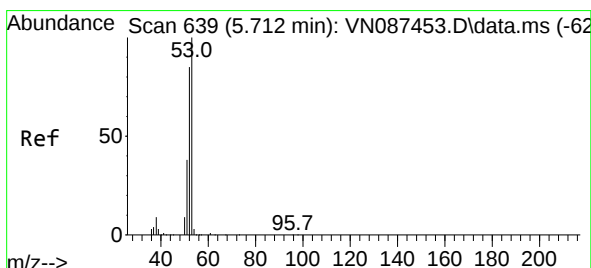
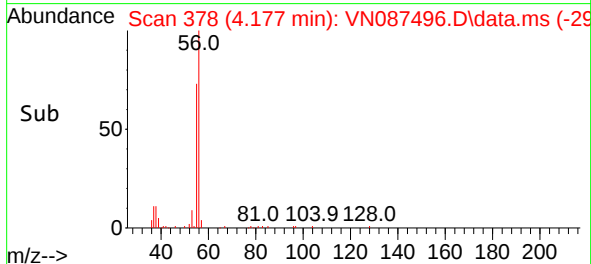
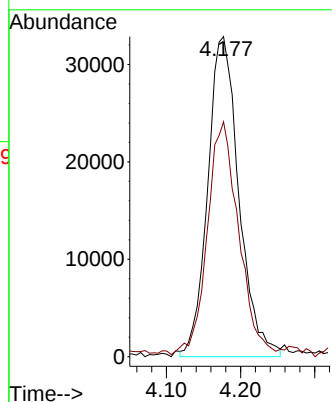
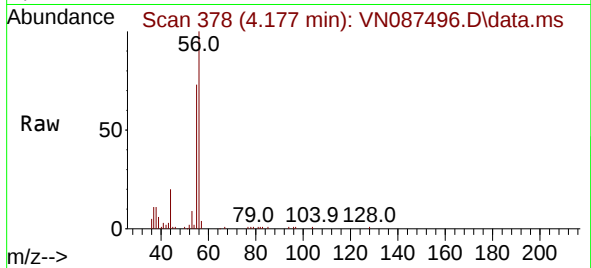




#13
Acrolein
Concen: 105.540 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

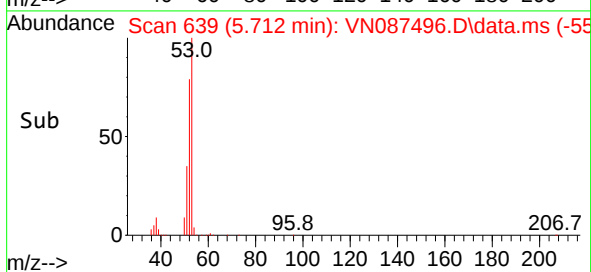
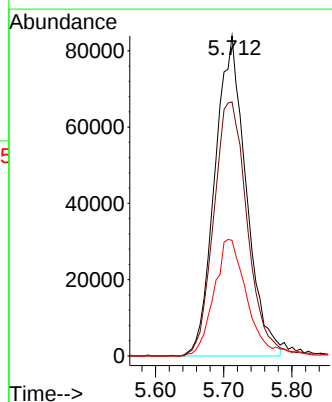
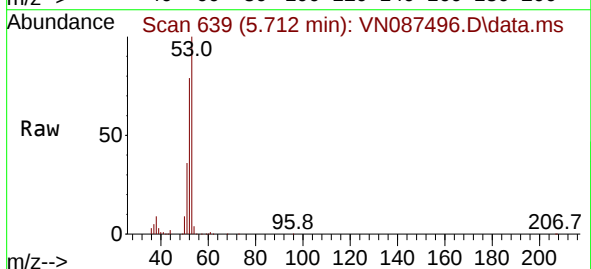
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 56 Resp: 96162
Ion Ratio Lower Upper
56 100
55 69.2 57.4 86.0



#14
Acrylonitrile
Concen: 102.865 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 53 Resp: 267957
Ion Ratio Lower Upper
53 100
52 85.5 42.4 127.2
51 38.2 18.5 55.5

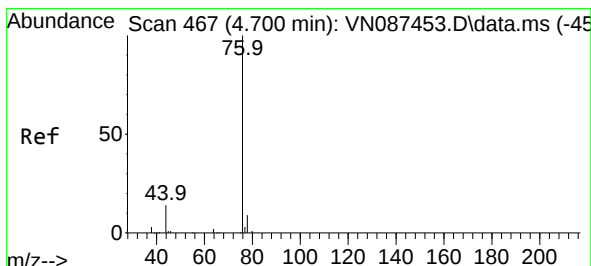
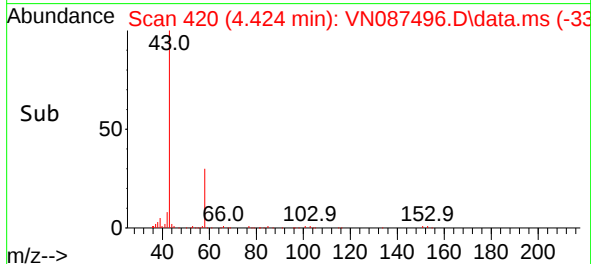
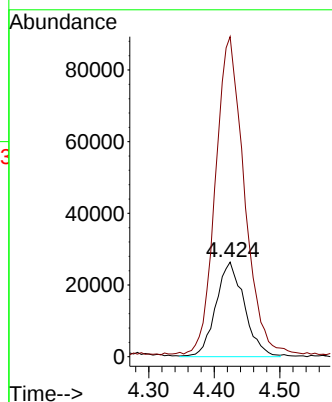
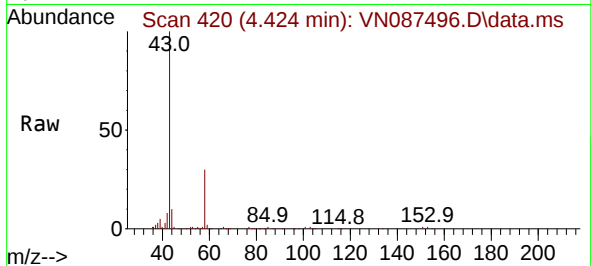




#15
Acetone
Concen: 106.988 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

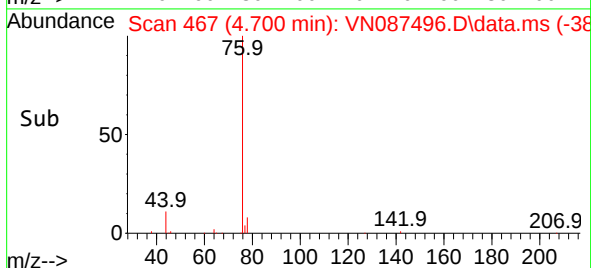
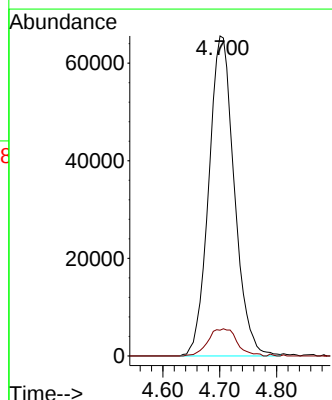
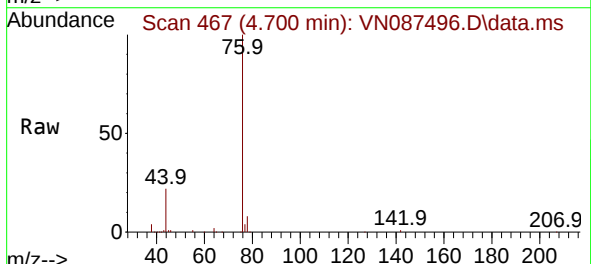
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 58 Resp: 79631
Ion Ratio Lower Upper
58 100
43 336.4 268.9 403.3



#16
Carbon Disulfide
Concen: 20.428 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 76 Resp: 204850
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

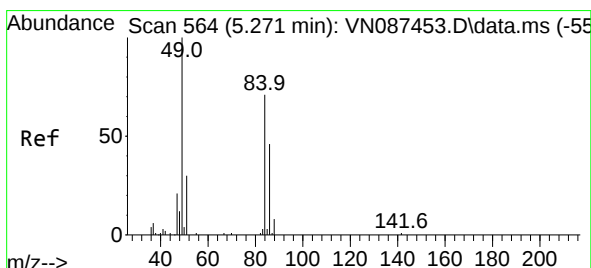
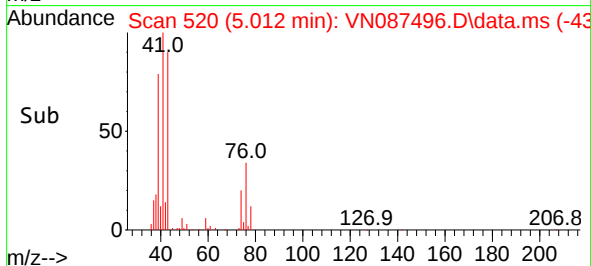
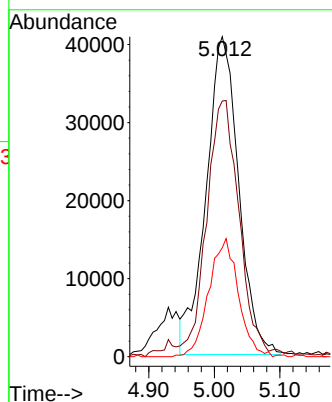
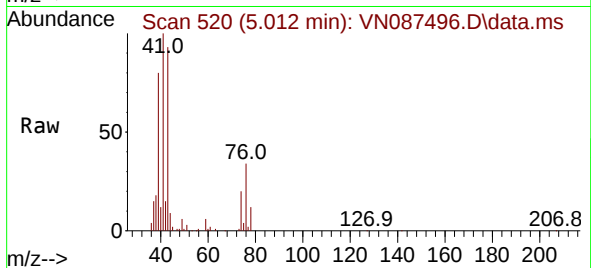




#17
 Allyl chloride
 Concen: 21.342 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

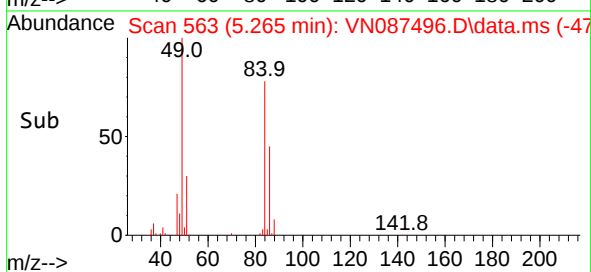
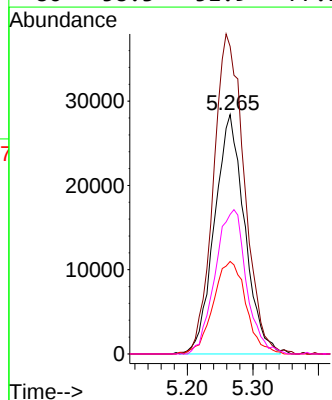
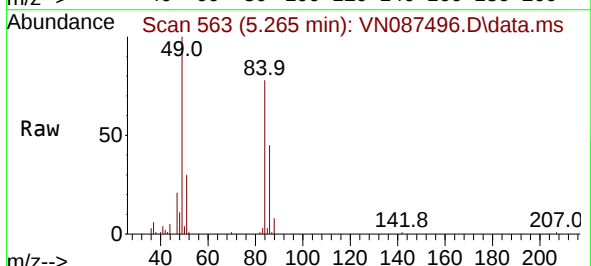
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

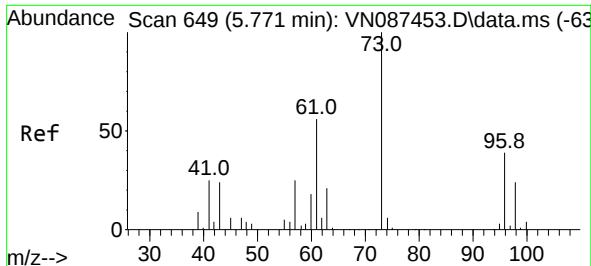
Tgt Ion: 41 Resp: 140620
 Ion Ratio Lower Upper
 41 100
 39 79.2 42.4 127.2
 76 34.1 16.9 50.6



#18
 Methylene Chloride
 Concen: 21.739 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

Tgt Ion: 84 Resp: 90472
 Ion Ratio Lower Upper
 84 100
 49 127.8 112.9 169.3
 51 38.0 33.8 50.8
 86 58.3 51.9 77.9

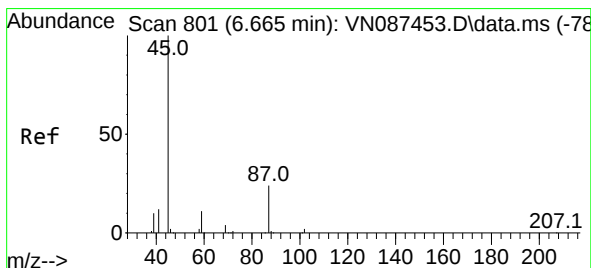
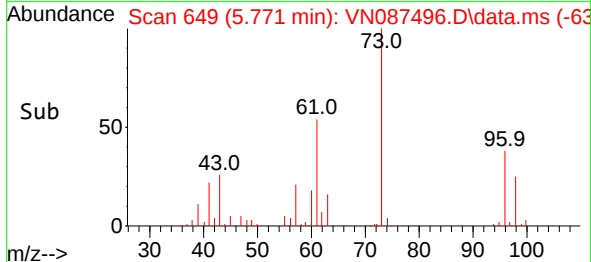
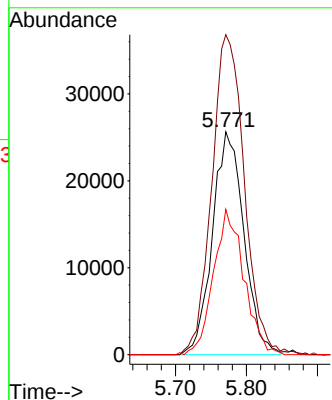
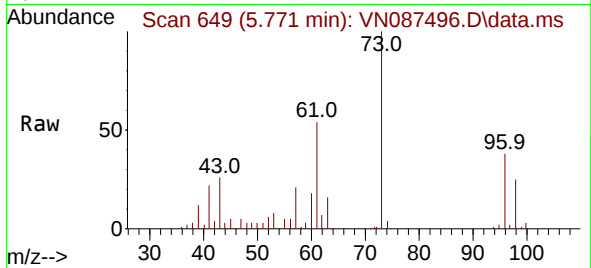




#19
trans-1,2-Dichloroethene
Concen: 20.504 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

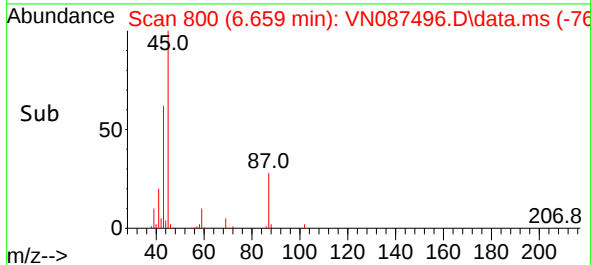
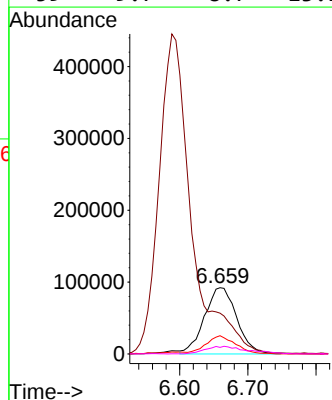
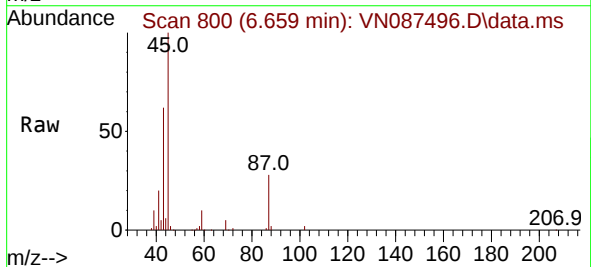
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 96 Resp: 78824
Ion Ratio Lower Upper
96 100
61 143.6 114.2 171.4
98 64.2 48.7 73.1



#20
Diisopropyl ether
Concen: 20.227 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 45 Resp: 303608
Ion Ratio Lower Upper
45 100
43 60.3 44.7 67.1
87 27.8 20.2 30.2
59 9.7 8.7 13.1

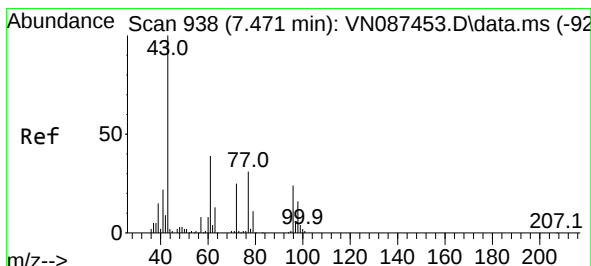
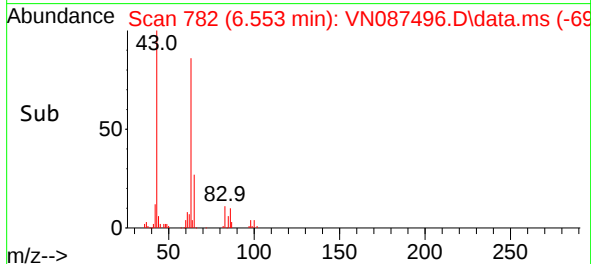
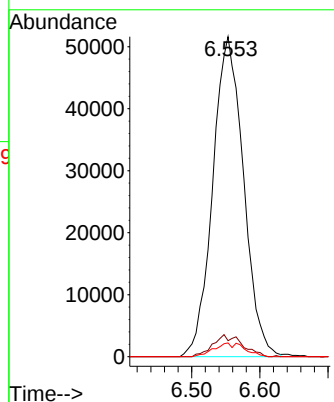
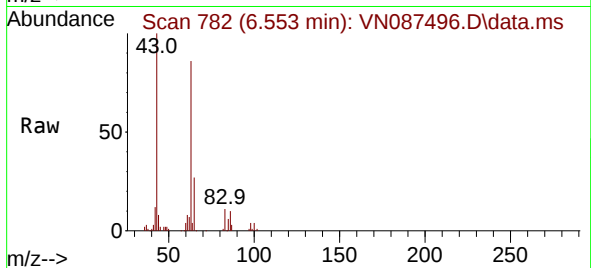




#21
1,1-Dichloroethane
Concen: 20.890 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

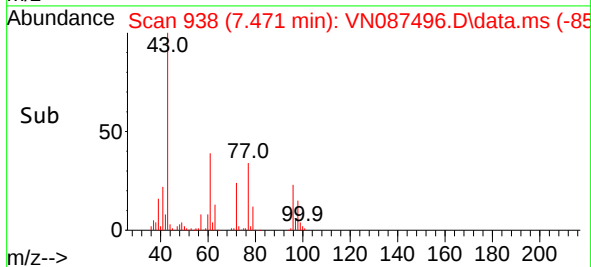
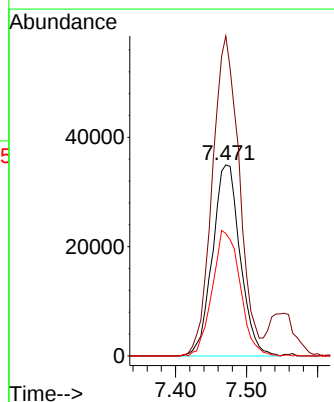
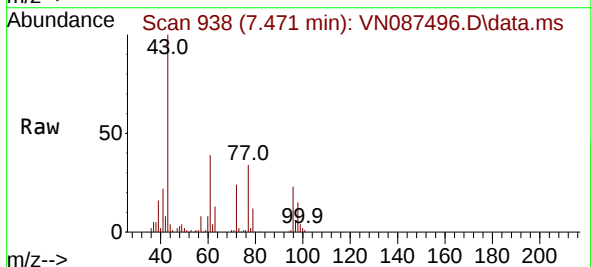
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 63 Resp: 162082
Ion Ratio Lower Upper
63 100
98 5.0 3.0 9.0
100 4.3 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 19.970 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 96 Resp: 94461
Ion Ratio Lower Upper
96 100
61 163.0 126.6 190.0
98 65.9 50.9 76.3

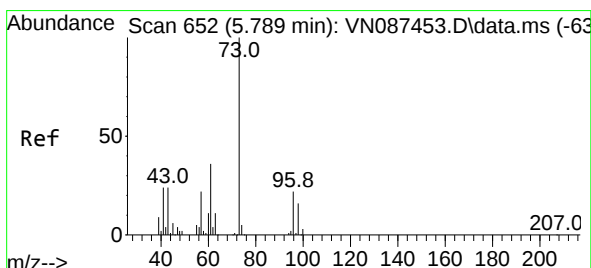
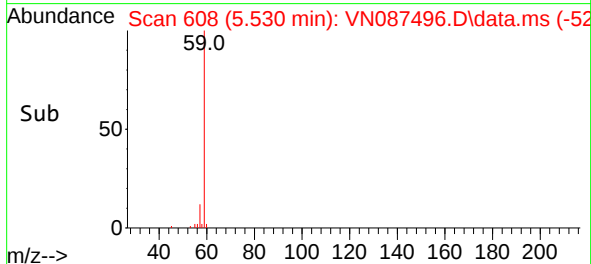
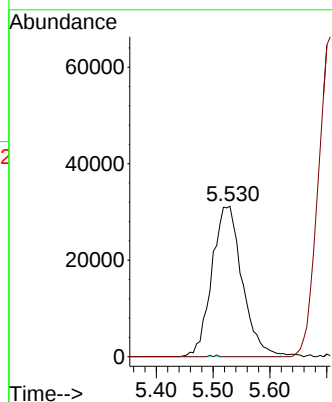
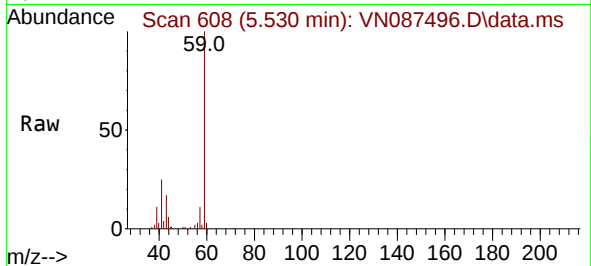




#23
tert-Butyl Alcohol
Concen: 104.413 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

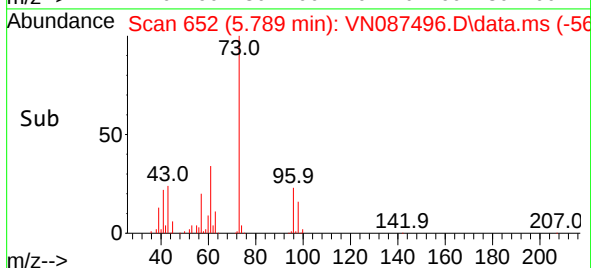
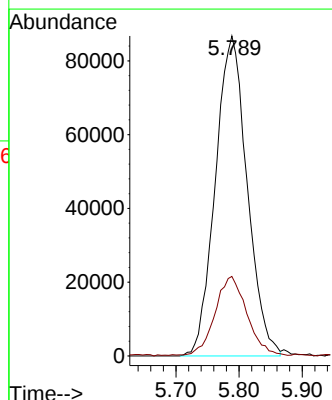
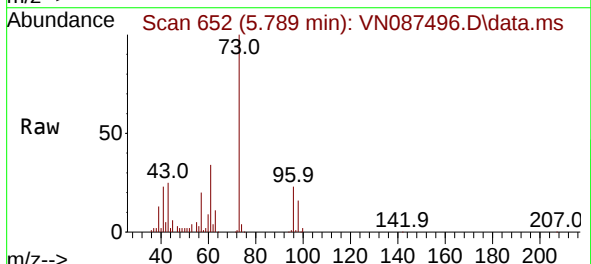
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

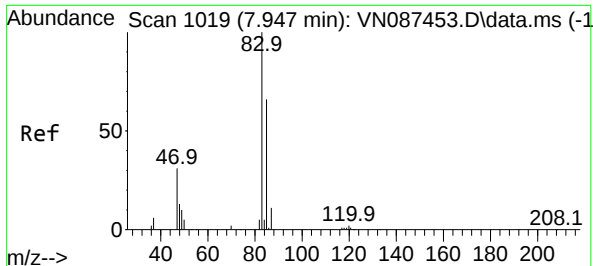
Tgt Ion: 59 Resp: 115576
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.624 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 73 Resp: 303793
Ion Ratio Lower Upper
73 100
43 24.5 19.9 29.9





#25

Chloroform

Concen: 20.890 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087496.D

Acq: 08 Aug 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

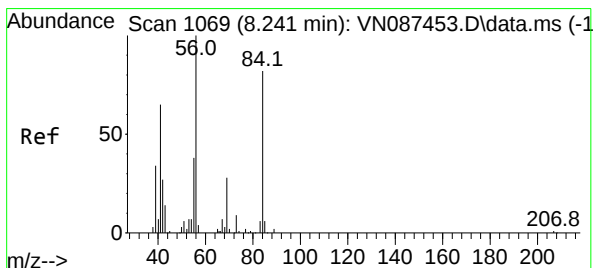
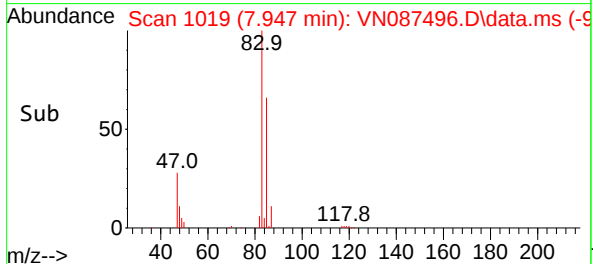
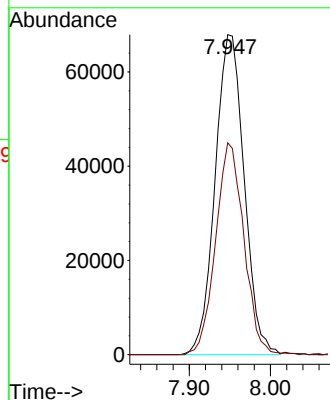
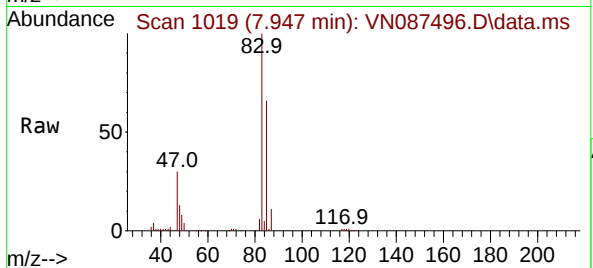
VN0808WBSD01

Tgt Ion: 83 Resp: 169189

Ion Ratio Lower Upper

83 100

85 66.2 52.6 78.8



#26

Cyclohexane

Concen: 21.675 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087496.D

Acq: 08 Aug 2025 11:51

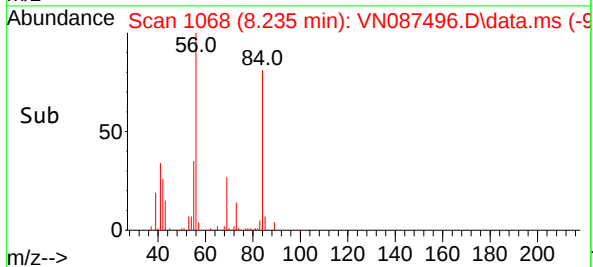
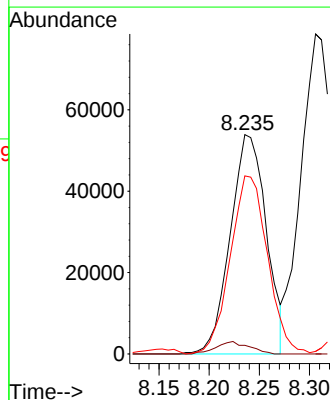
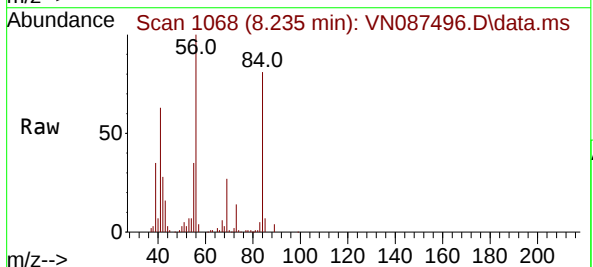
Tgt Ion: 56 Resp: 134649

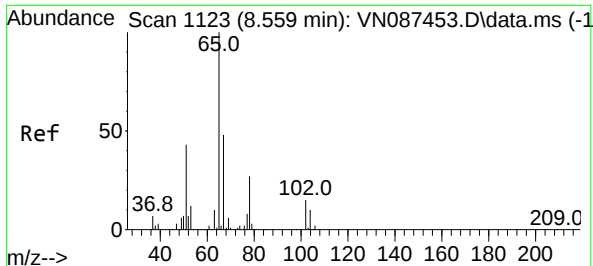
Ion Ratio Lower Upper

56 100

89 5.2 2.3 3.5#

84 84.1 67.0 100.4

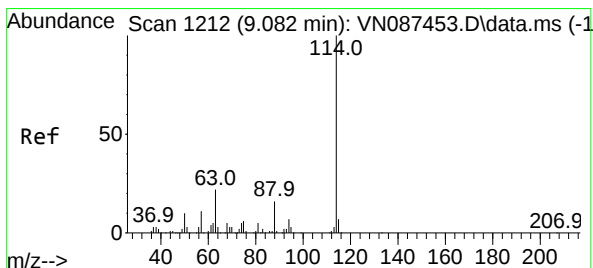
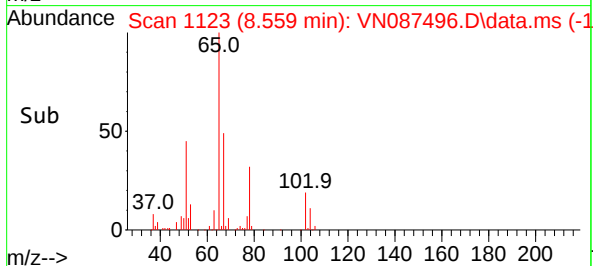
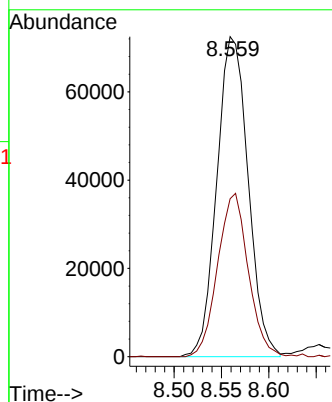
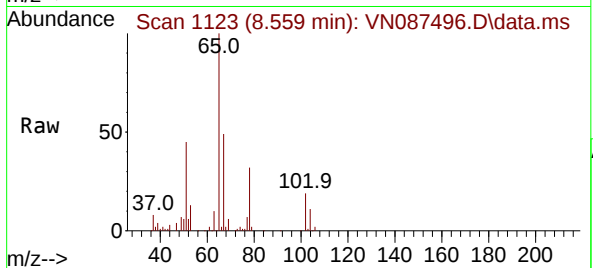




#27
1,2-Dichloroethane-d4
Concen: 30.585 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

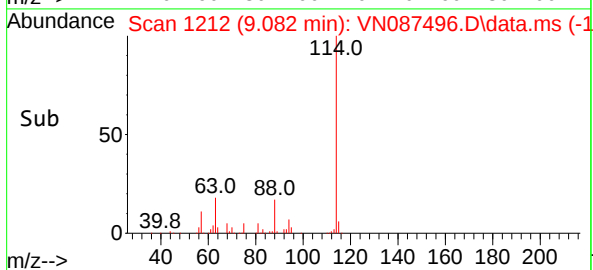
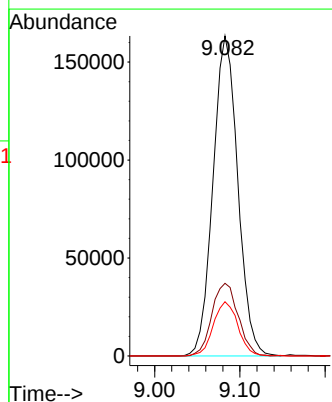
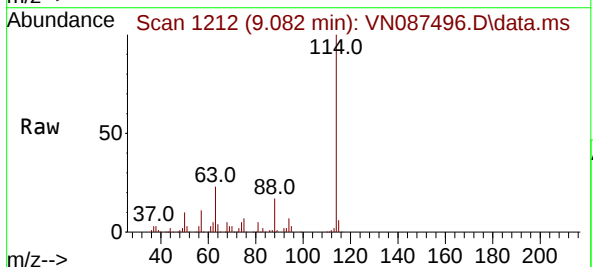
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

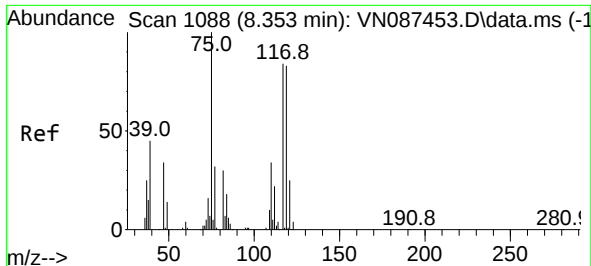
Tgt Ion: 65 Resp: 166509
Ion Ratio Lower Upper
65 100
67 50.1 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 114 Resp: 330139
Ion Ratio Lower Upper
114 100
63 24.0 18.9 28.3
88 16.8 13.1 19.7

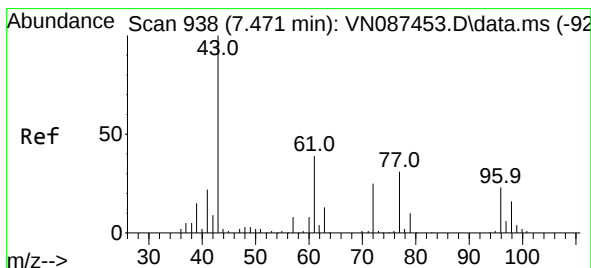
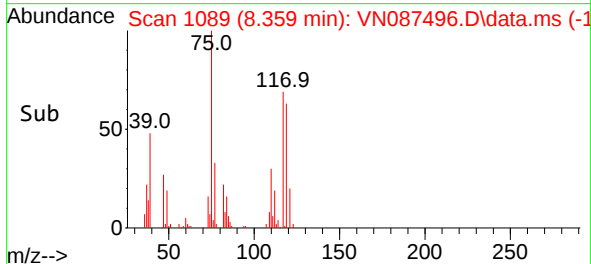
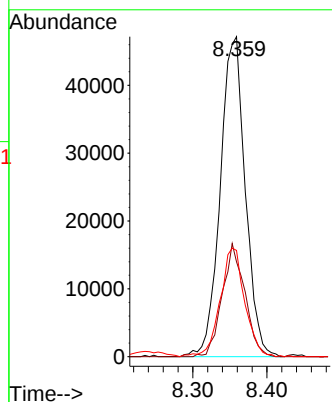
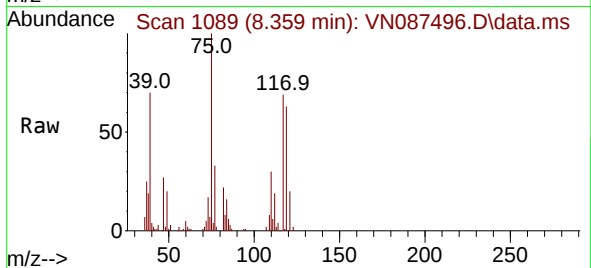




#29
1,1-Dichloropropene
Concen: 20.565 ug/l
RT: 8.359 min Scan# 110735
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

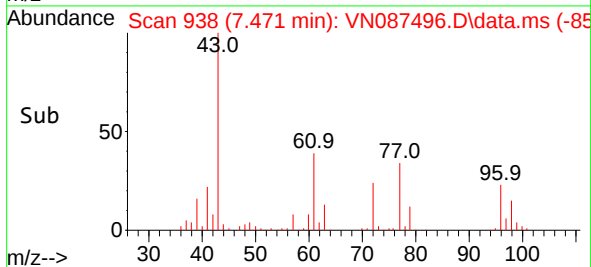
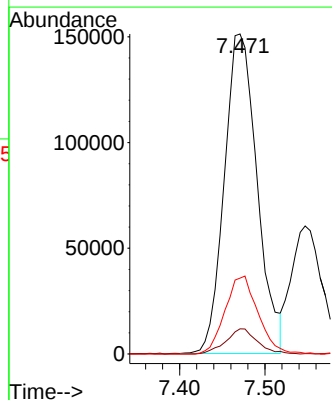
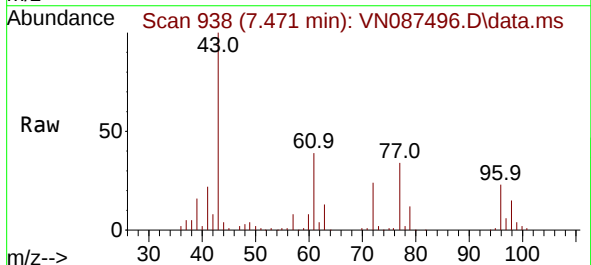
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

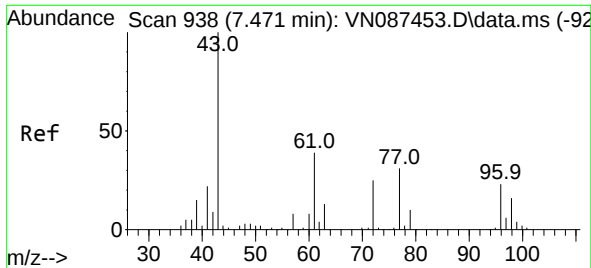
Tgt Ion: 75 Resp: 110735
Ion Ratio Lower Upper
75 100
110 31.7 0.0 65.8
77 33.3 0.0 63.6



#30
2-Butanone
Concen: 102.071 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 43 Resp: 405126
Ion Ratio Lower Upper
43 100
57 7.5 6.6 9.8
72 24.3 19.7 29.5

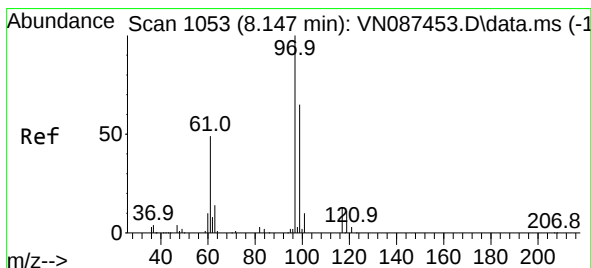
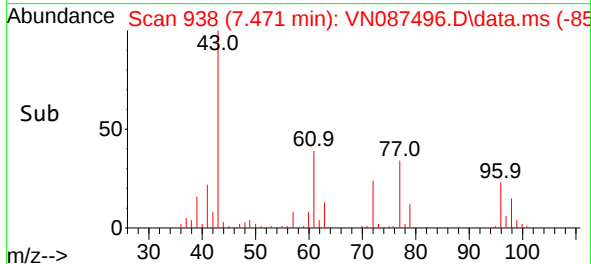
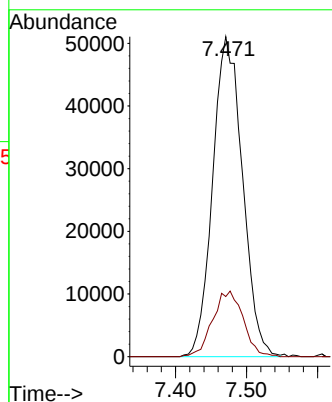
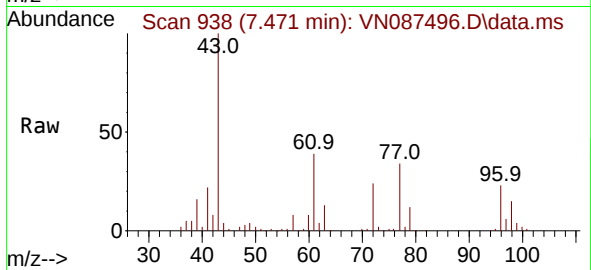




#31
2,2-Dichloropropane
Concen: 21.419 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

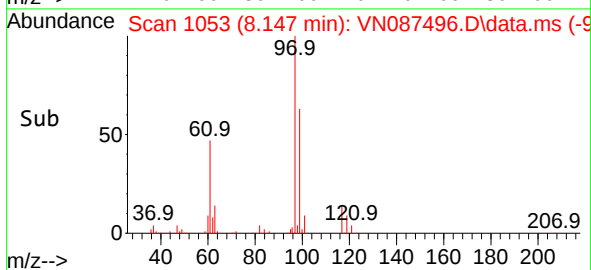
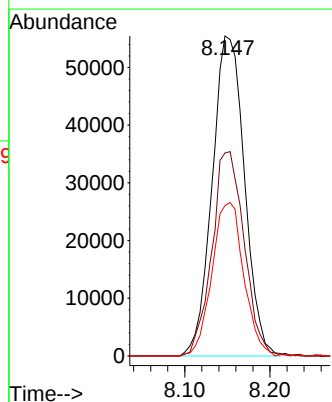
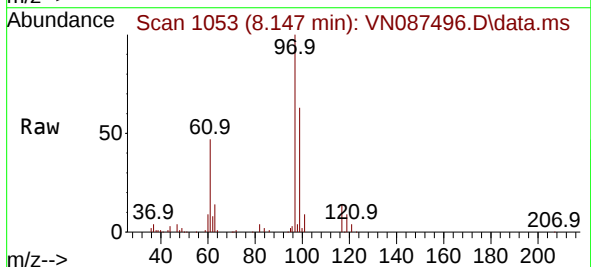
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

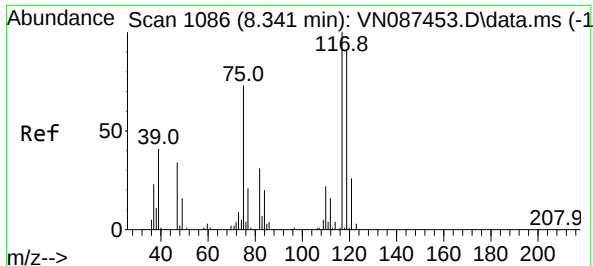
Tgt Ion: 77 Resp: 148751
Ion Ratio Lower Upper
77 100
97 21.0 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 21.244 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 97 Resp: 145894
Ion Ratio Lower Upper
97 100
99 63.8 53.0 79.6
61 47.1 40.6 61.0

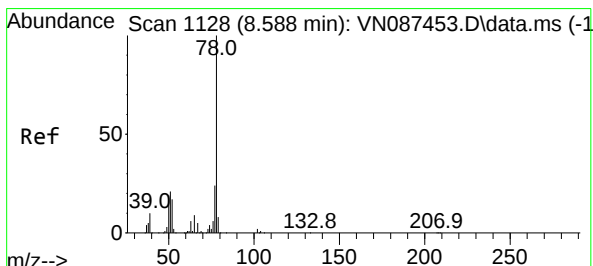
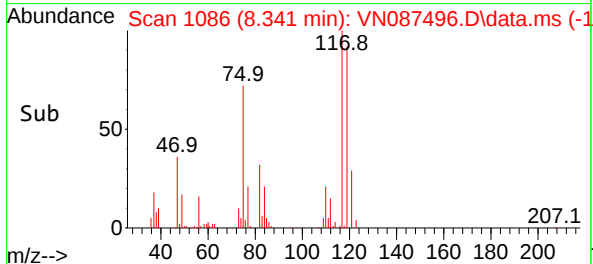
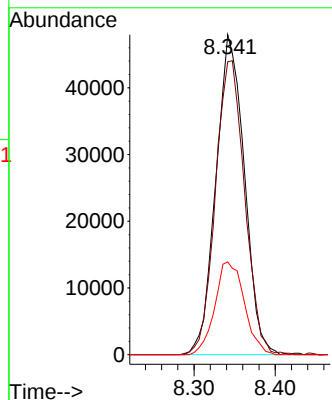
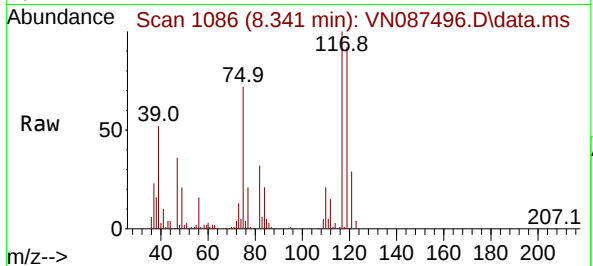




#33
Carbon Tetrachloride
Concen: 20.443 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

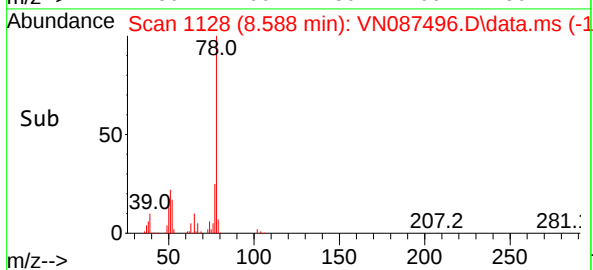
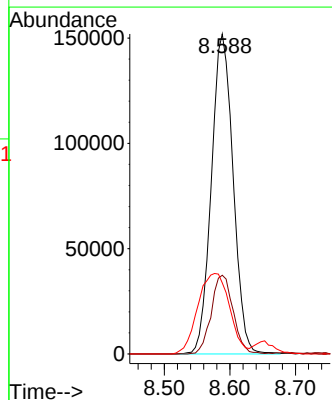
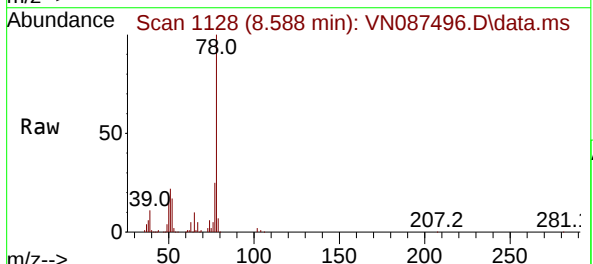
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

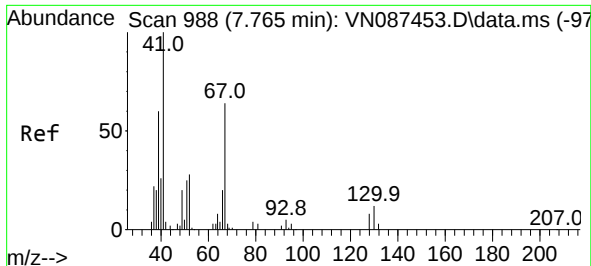
Tgt Ion:117 Resp: 116630
Ion Ratio Lower Upper
117 100
119 91.5 73.4 110.0
121 29.0 21.1 31.7



#34
Benzene
Concen: 20.557 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 78 Resp: 349421
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 21.2 16.9 25.3

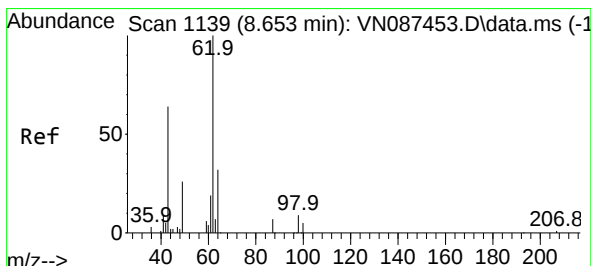
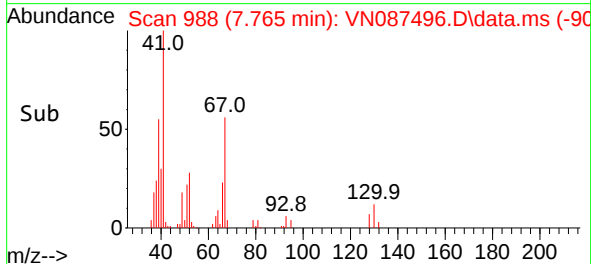
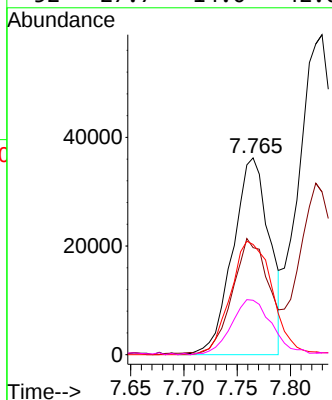
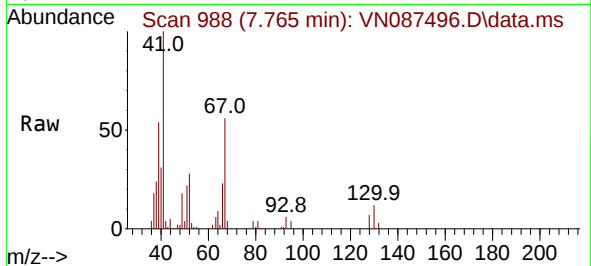




#35
Methacrylonitrile
Concen: 20.216 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

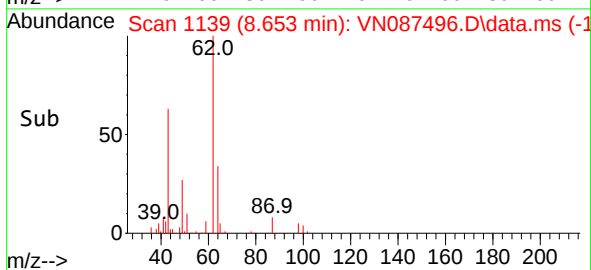
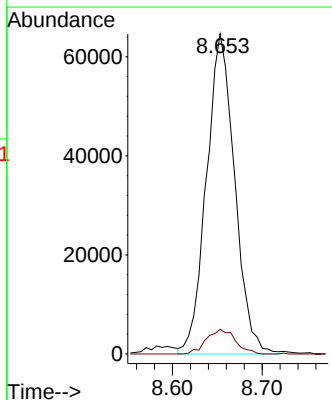
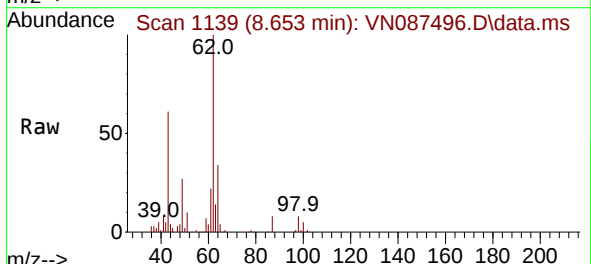
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:	41	Resp:	86589
Ion	Ratio	Lower	Upper
41	100		
39	53.6	30.1	90.5
67	56.1	32.0	96.2
52	27.7	14.0	42.0



#36
1,2-Dichloroethane
Concen: 20.577 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:	62	Resp:	141361
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.6	9.8

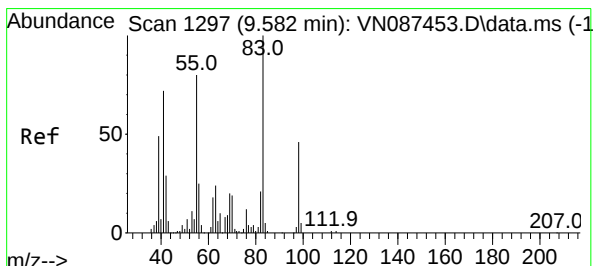
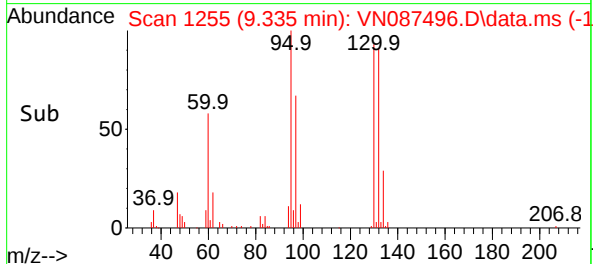
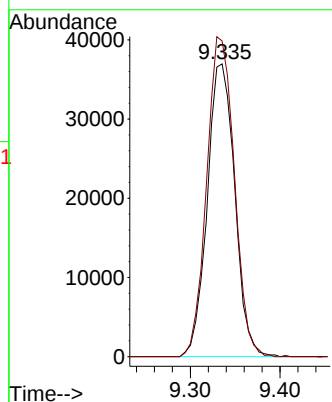
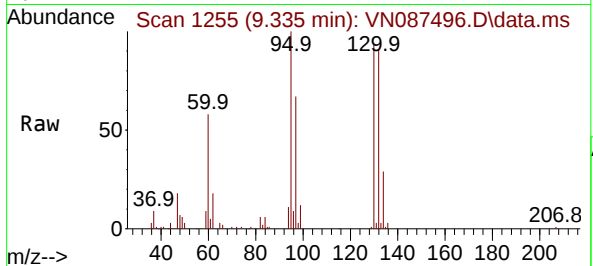




#37
Trichloroethene
Concen: 21.019 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

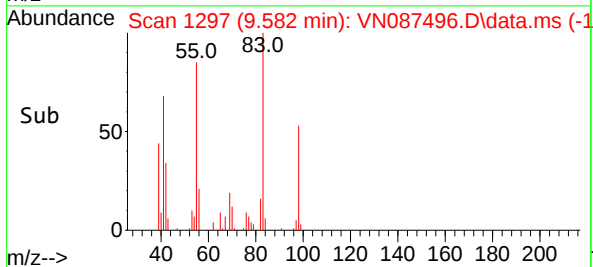
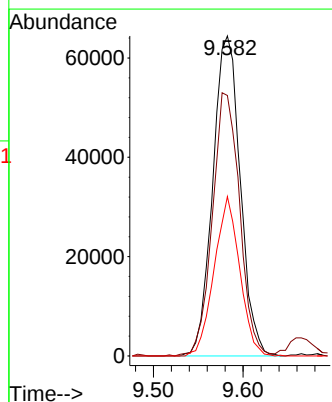
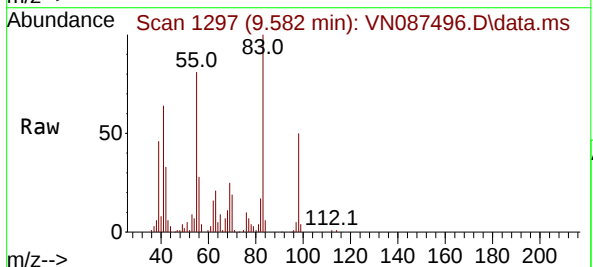
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

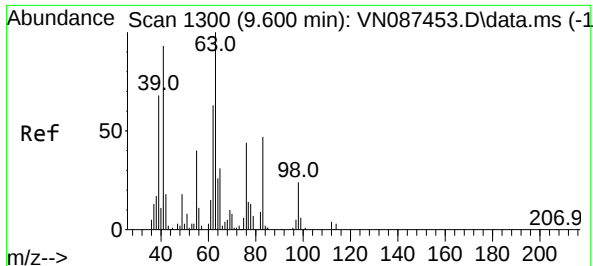
Tgt Ion:130 Resp: 78697
Ion Ratio Lower Upper
130 100
95 107.8 91.4 137.2



#38
Methylcyclohexane
Concen: 21.930 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 83 Resp: 136992
Ion Ratio Lower Upper
83 100
55 81.4 41.2 123.6
98 46.2 23.3 69.9

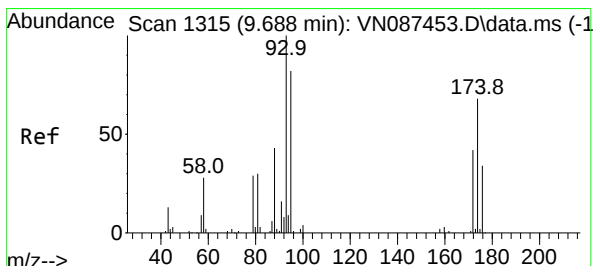
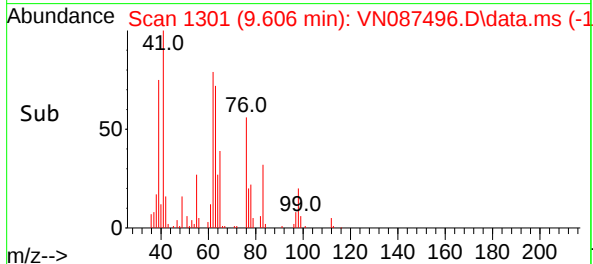
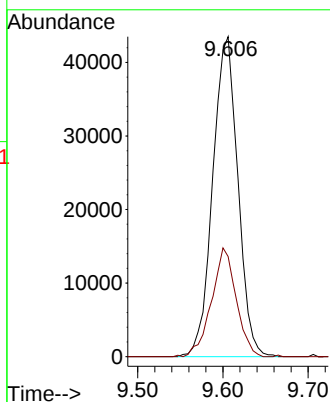
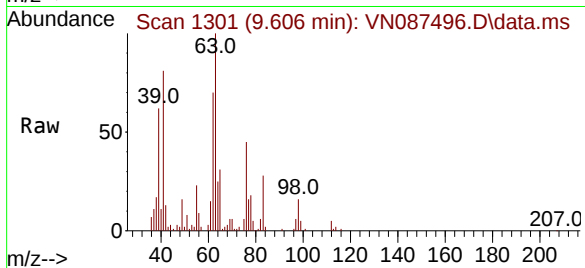




#39
1,2-Dichloropropane
Concen: 20.472 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

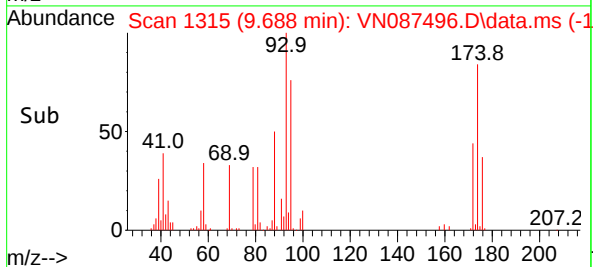
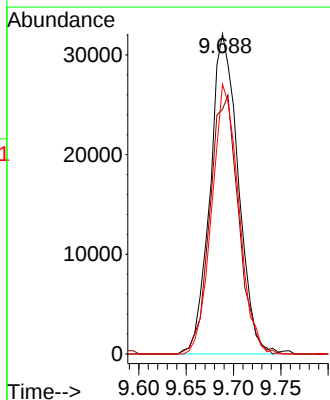
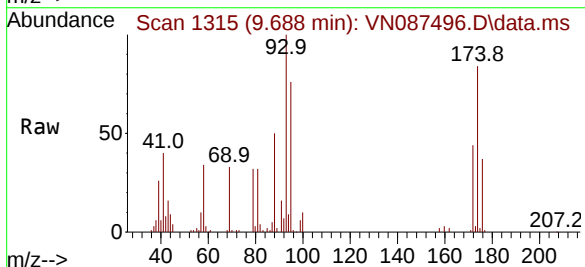
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

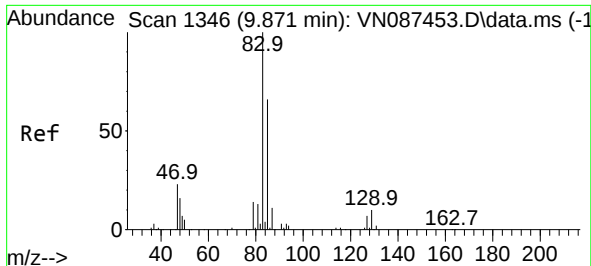
Tgt Ion: 63 Resp: 89219
Ion Ratio Lower Upper
63 100
65 30.9 24.6 36.8



#40
Dibromomethane
Concen: 20.269 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 93 Resp: 66274
Ion Ratio Lower Upper
93 100
95 82.2 0.0 161.6
174 80.9 0.0 151.4

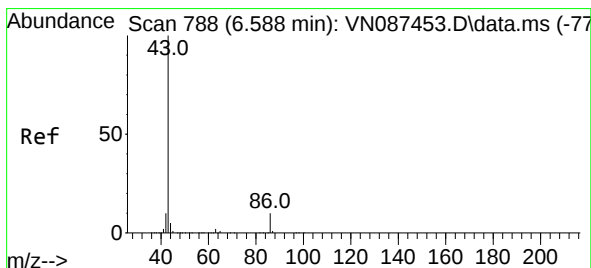
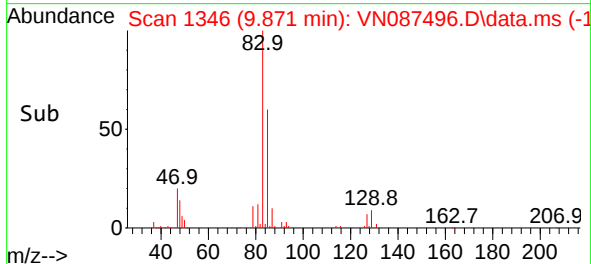
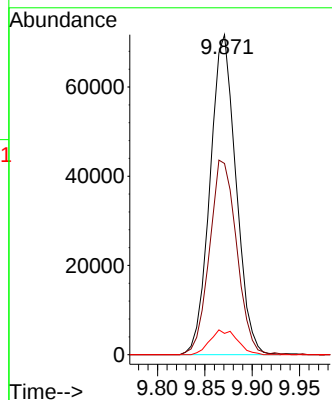
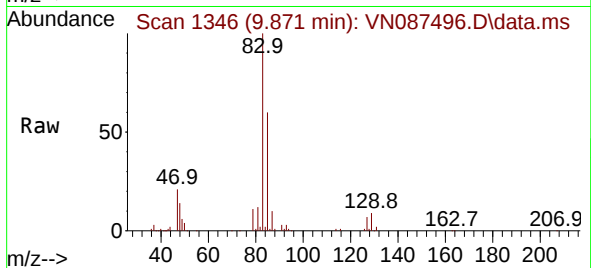




#41
Bromodichloromethane
Concen: 20.052 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

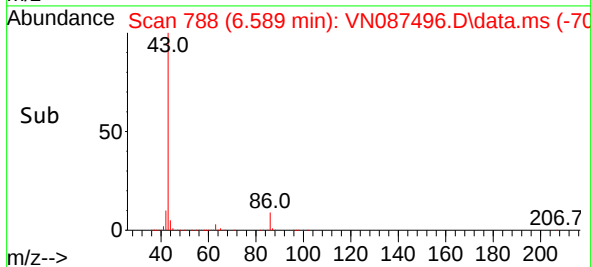
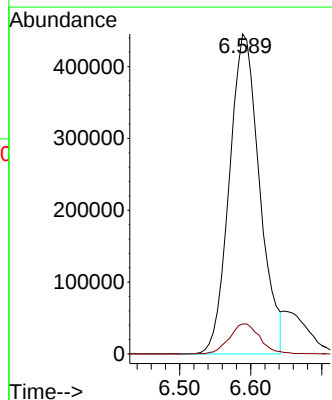
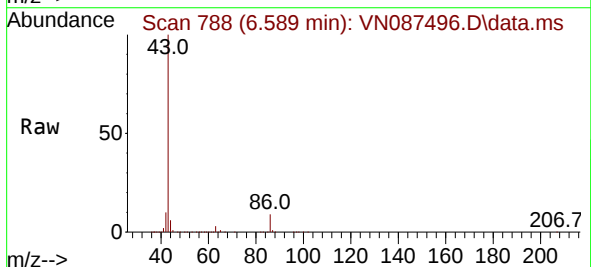
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

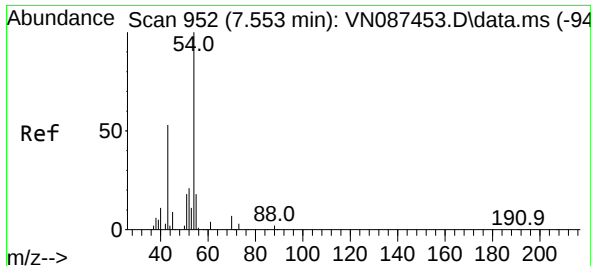
Tgt Ion: 83 Resp: 136239
Ion Ratio Lower Upper
83 100
85 59.8 52.9 79.3
127 6.7 5.8 8.6



#42
Vinyl Acetate
Concen: 100.984 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 43 Resp: 1319949
Ion Ratio Lower Upper
43 100
86 9.5 7.3 10.9

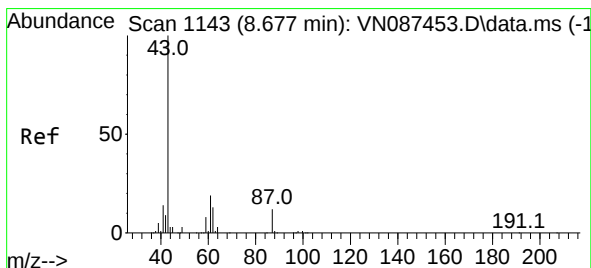
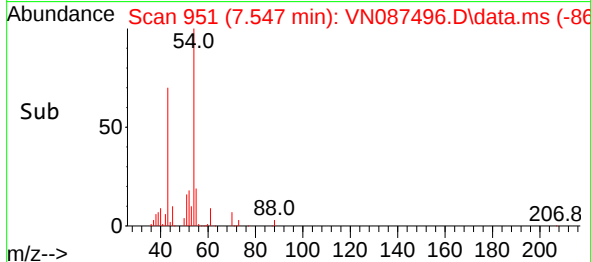
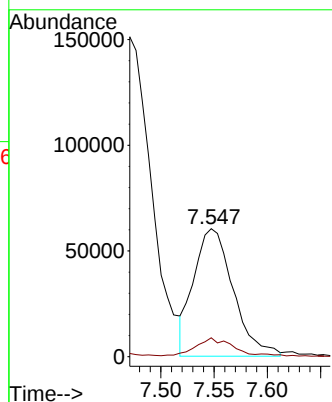
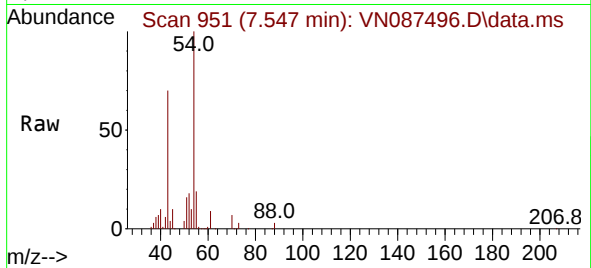




#43
Ethyl Acetate
Concen: 20.325 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

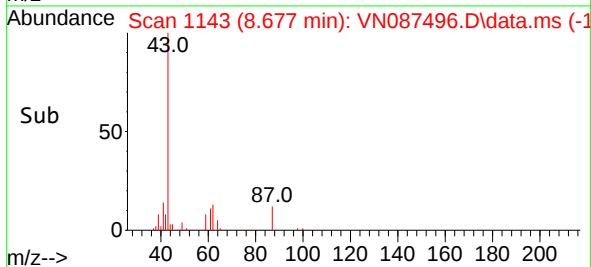
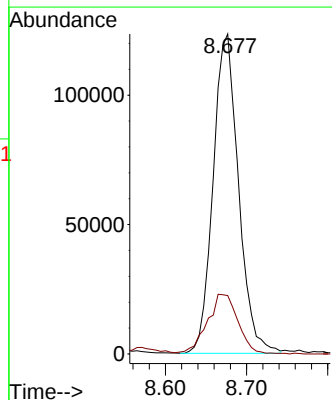
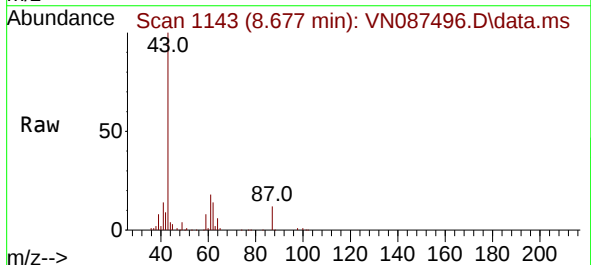
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

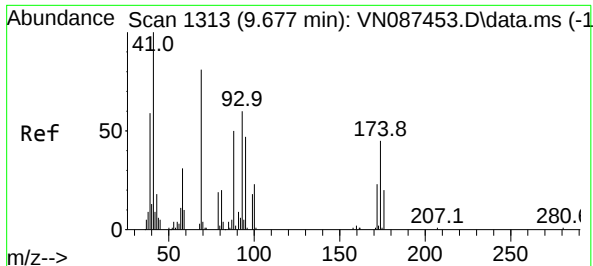
Tgt Ion: 43 Resp: 155851
Ion Ratio Lower Upper
43 100
45 7.5 11.1 16.7#



#44
Isopropyl Acetate
Concen: 20.661 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 43 Resp: 268541
Ion Ratio Lower Upper
43 100
61 22.0 18.6 28.0





#45

1,4-Dioxane

Concen: 450.519 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN087496.D

Acq: 08 Aug 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0808WBSD01

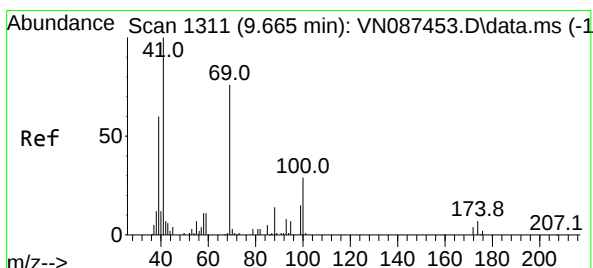
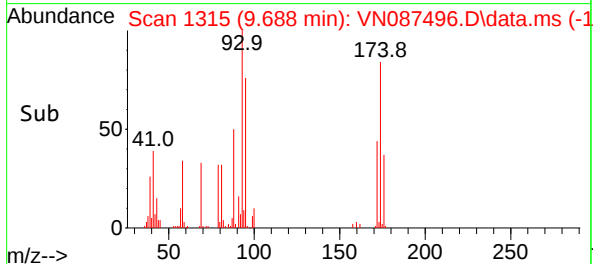
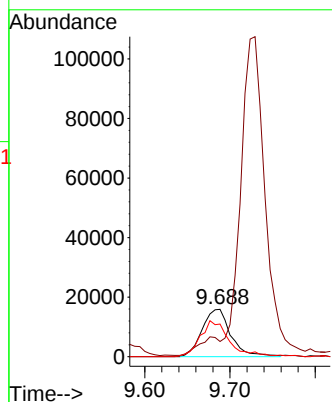
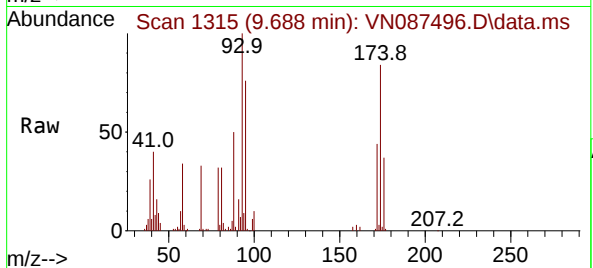
Tgt Ion: 88 Resp: 37330

Ion Ratio Lower Upper

88 100

43 28.3 24.1 36.1

58 71.9 57.2 85.8



#46

Methyl methacrylate

Concen: 20.191 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087496.D

Acq: 08 Aug 2025 11:51

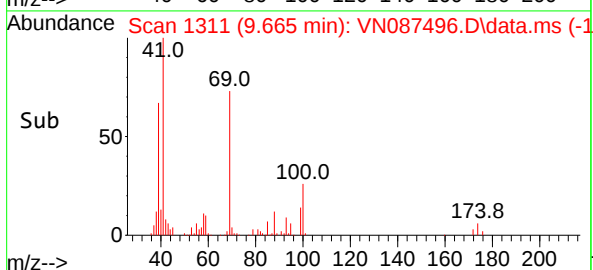
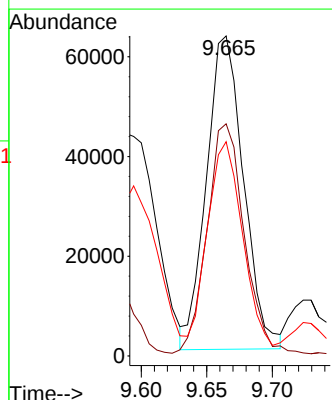
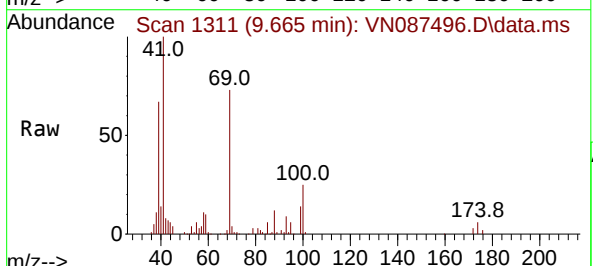
Tgt Ion: 41 Resp: 123879

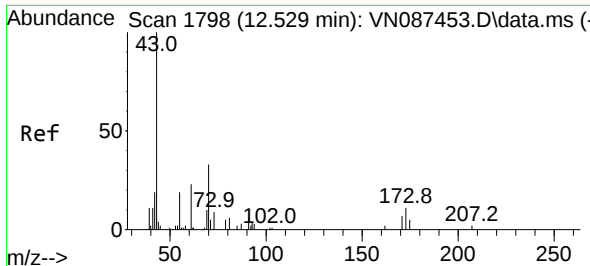
Ion Ratio Lower Upper

41 100

69 75.7 37.1 111.5

39 67.3 30.7 92.1

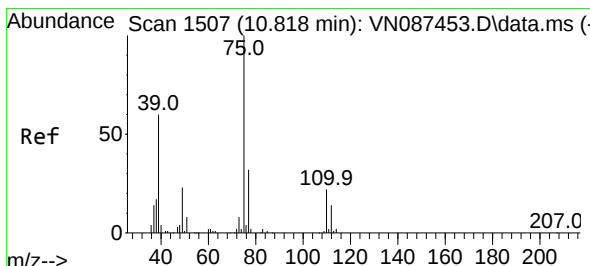
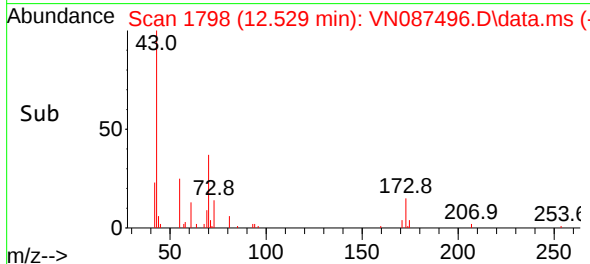
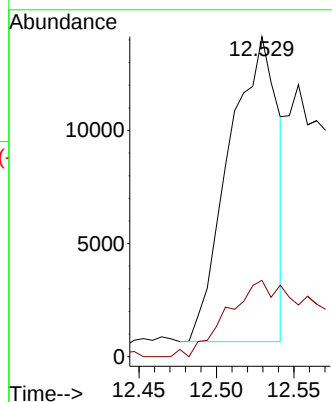
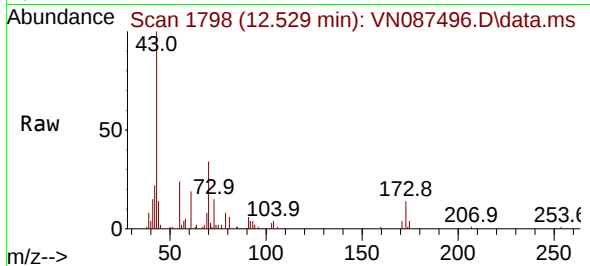




#47
n-amy1 Acetate
Concen: 4.118 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

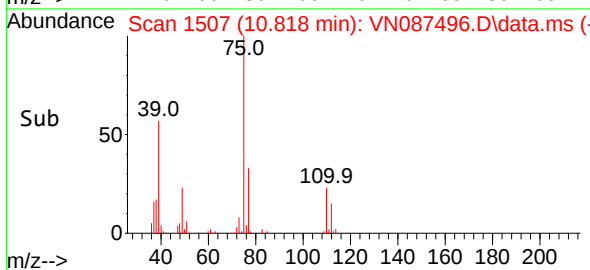
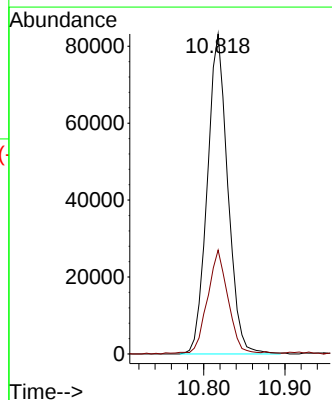
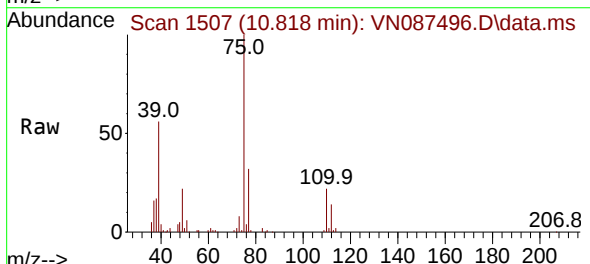
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion: 43 Resp: 29565
Ion Ratio Lower Upper
43 100
55 22.2 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 19.731 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 75 Resp: 145848
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

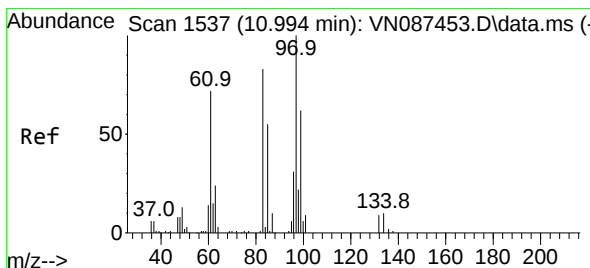
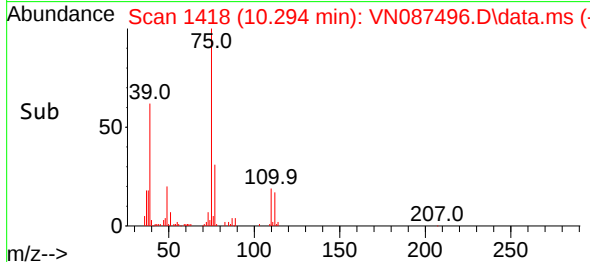
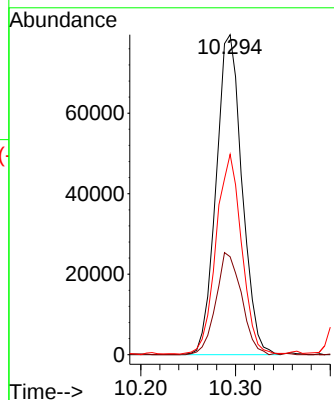
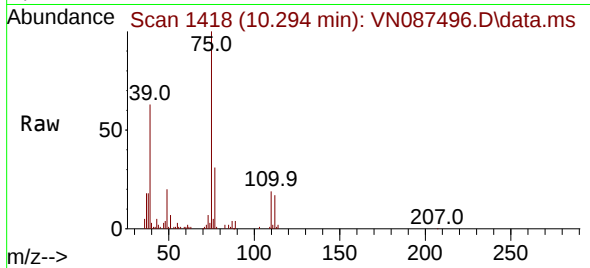




#49
 cis-1,3-Dichloropropene
 Concen: 20.312 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

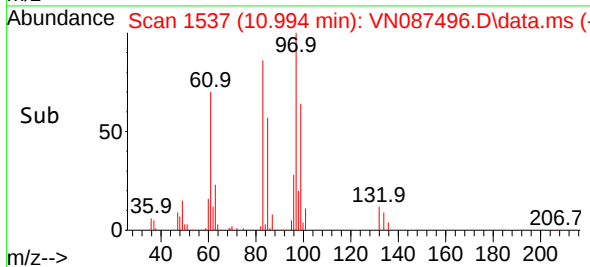
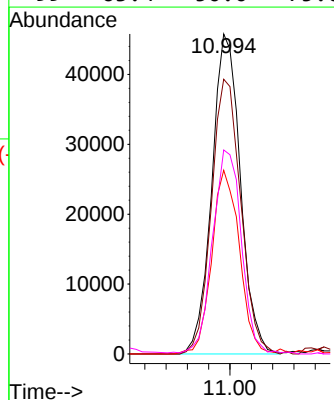
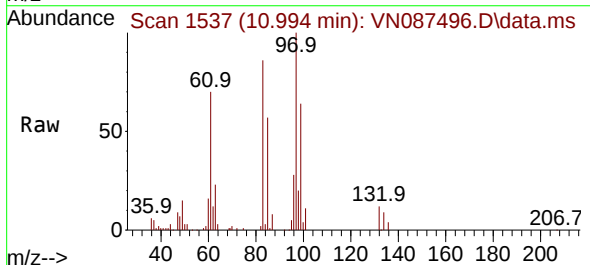
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

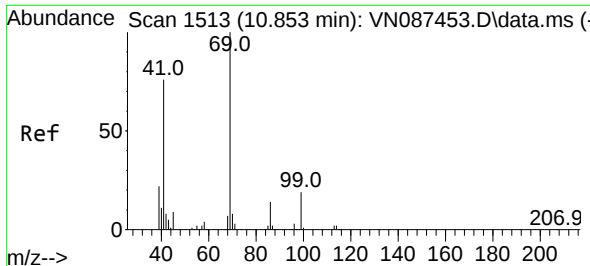
Tgt Ion: 75 Resp: 151100
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8
 39 62.4 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 20.637 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

Tgt Ion: 97 Resp: 85256
 Ion Ratio Lower Upper
 97 100
 83 85.8 66.2 99.2
 85 57.0 43.9 65.9
 99 63.4 50.0 75.0

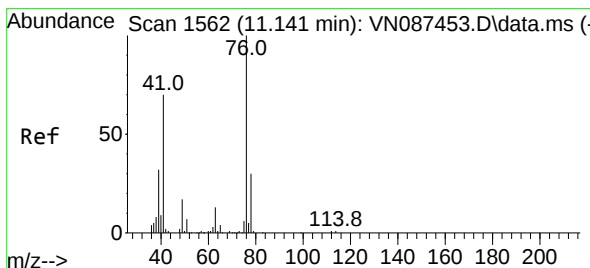
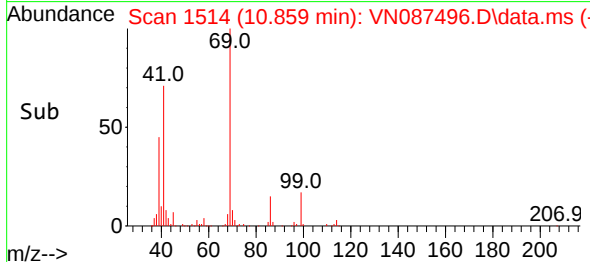
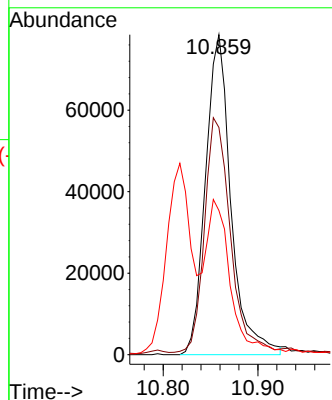
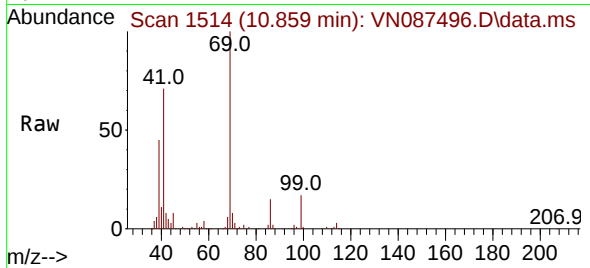




#51
Ethyl methacrylate
Concen: 20.157 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

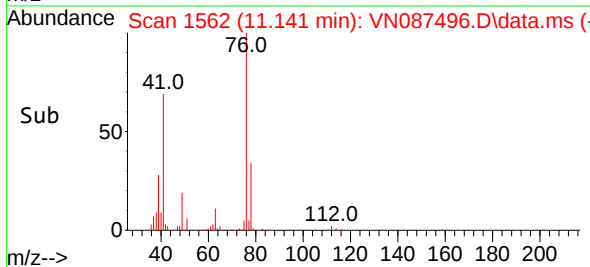
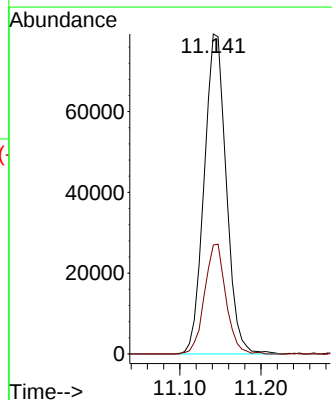
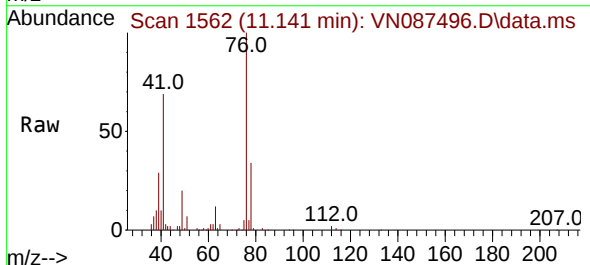
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

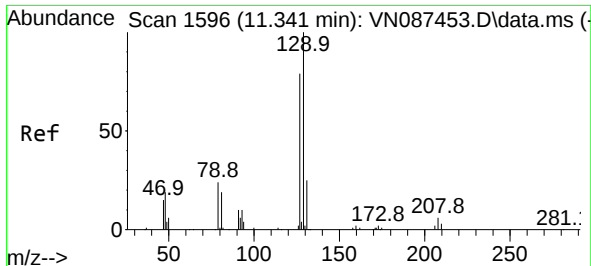
Tgt Ion: 69 Resp: 146655
Ion Ratio Lower Upper
69 100
41 70.0 38.0 114.1
39 43.4 23.2 69.5



#52
1,3-Dichloropropane
Concen: 20.147 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 76 Resp: 149952
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.0

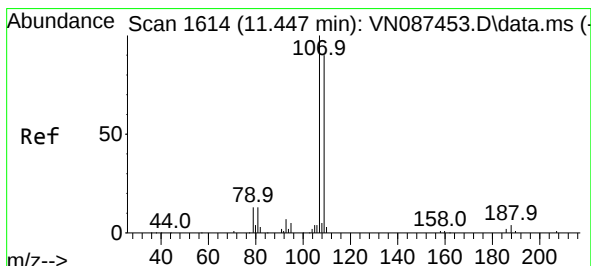
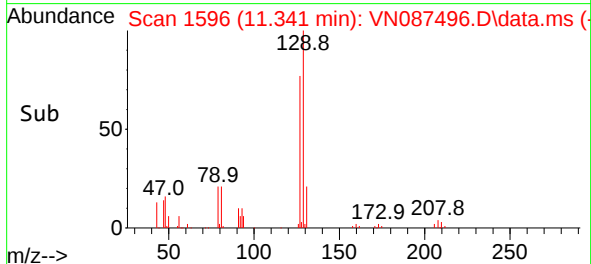
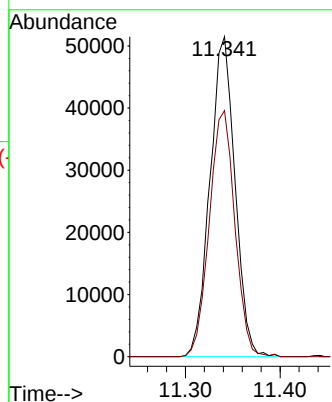
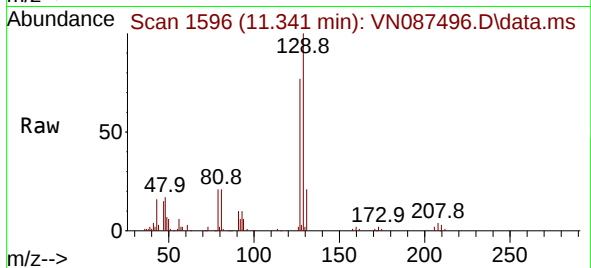




#53
Dibromochloromethane
Concen: 19.823 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

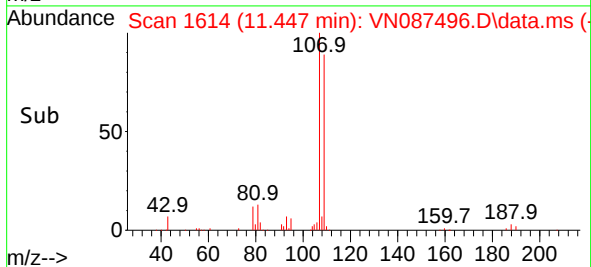
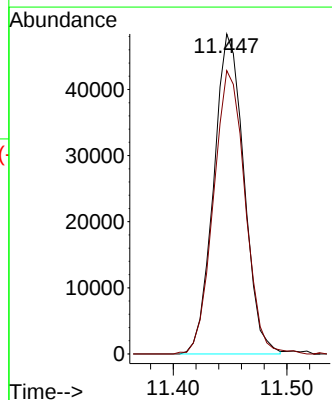
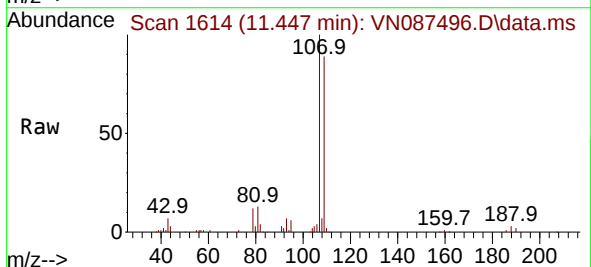
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

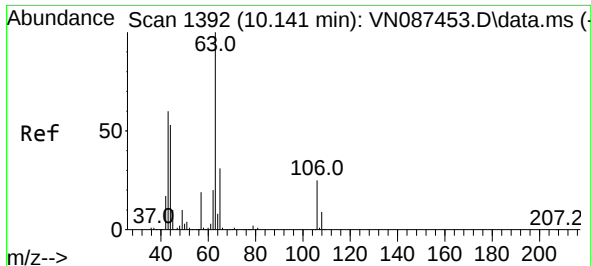
Tgt Ion:129 Resp: 94576
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3



#54
1,2-Dibromoethane
Concen: 20.439 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:107 Resp: 89636
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4

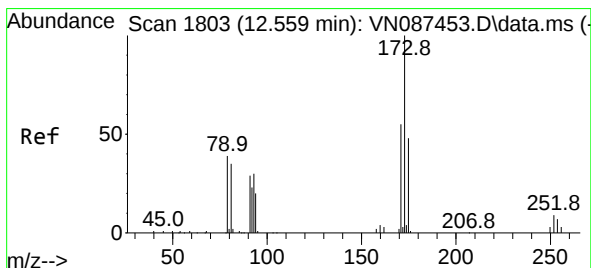
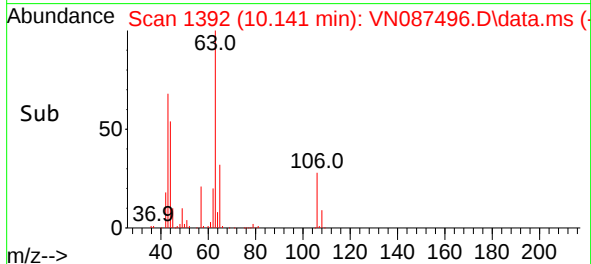
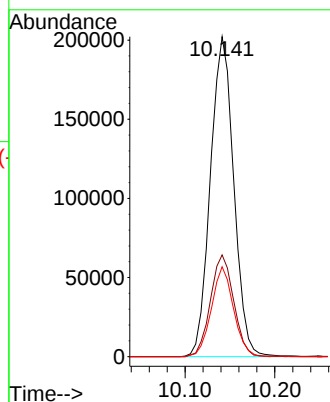
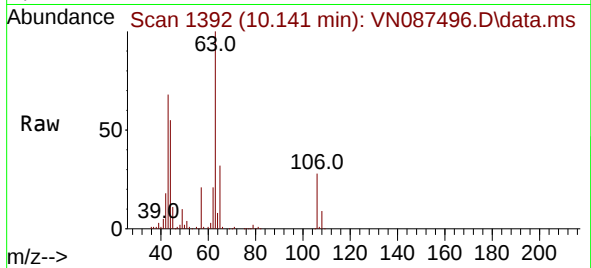




#55
2-Chloroethyl vinyl ether
Concen: 95.485 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

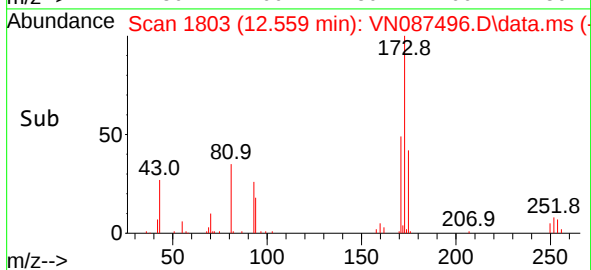
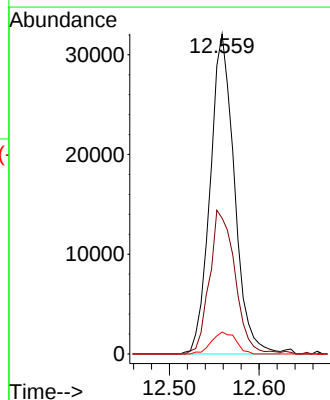
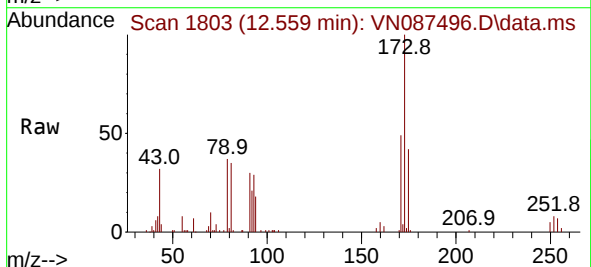
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

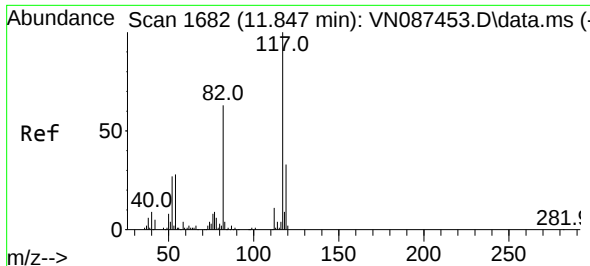
Tgt Ion: 63 Resp: 365726
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 26.6 20.7 31.1



#56
Bromoform
Concen: 19.082 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 173 Resp: 60219
Ion Ratio Lower Upper
173 100
175 46.7 38.8 58.2
254 6.8 3.9 5.9#

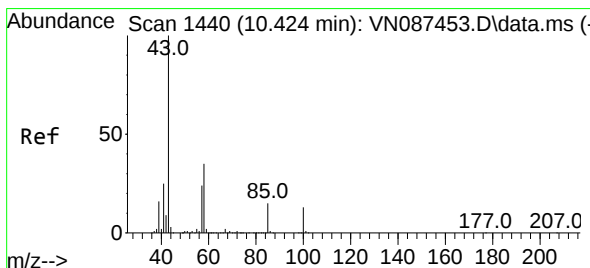
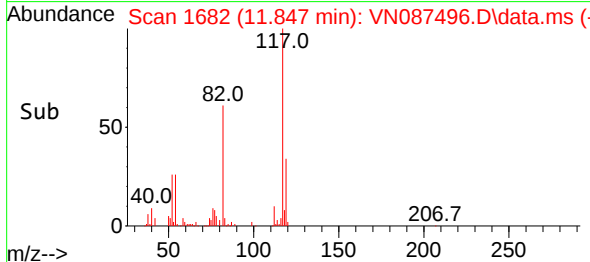
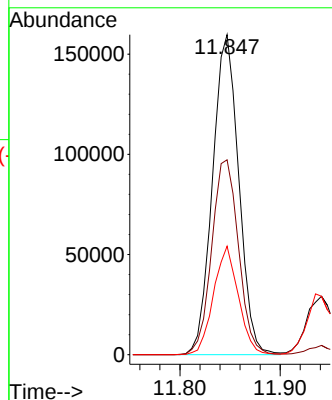
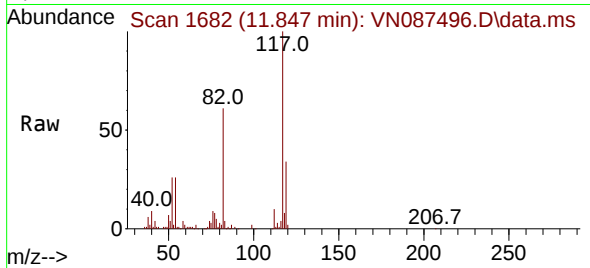




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

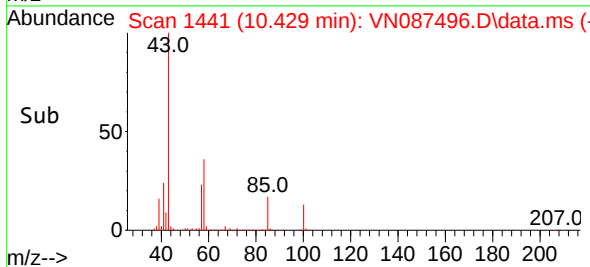
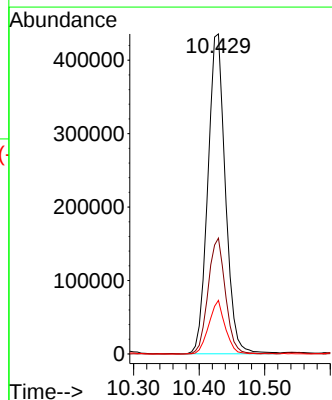
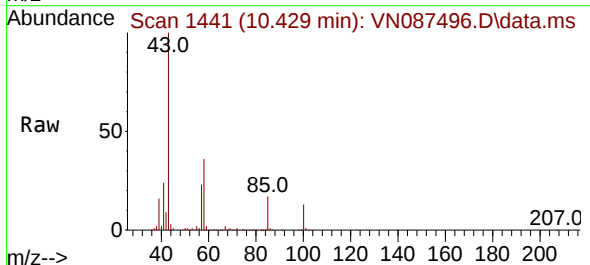
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

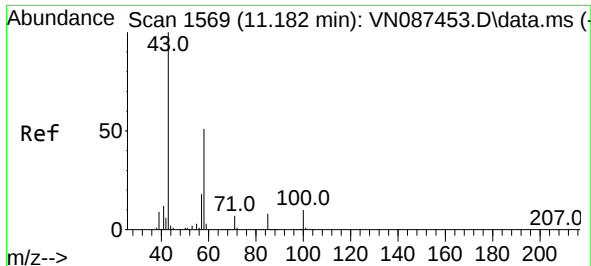
Tgt Ion:117 Resp: 290582
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 108.322 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 43 Resp: 809723
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6
85 15.6 12.7 19.1

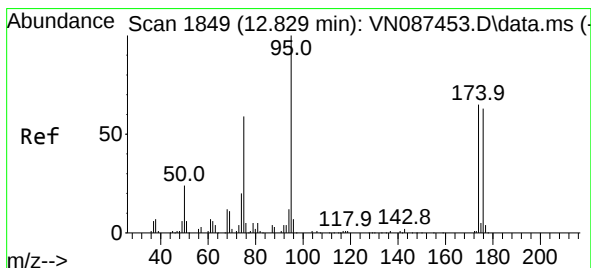
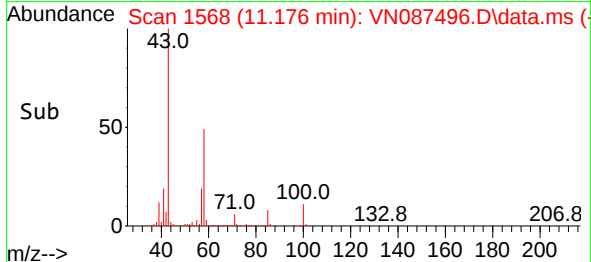
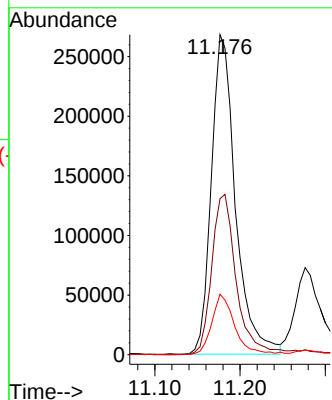
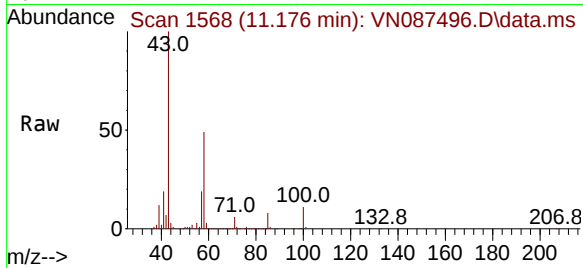




#59
2-Hexanone
Concen: 104.001 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

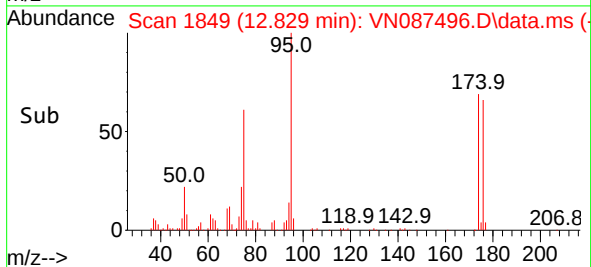
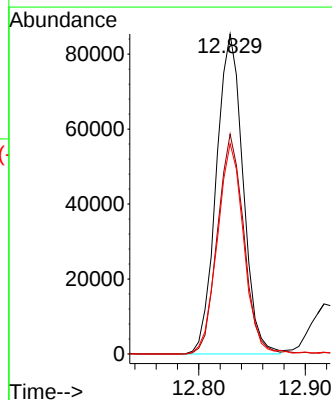
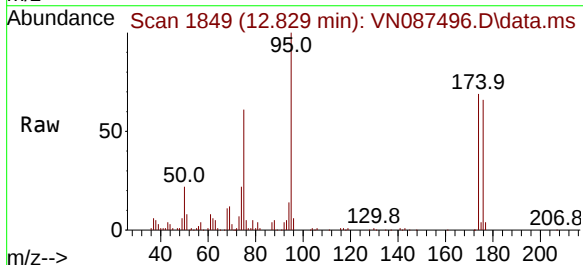
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

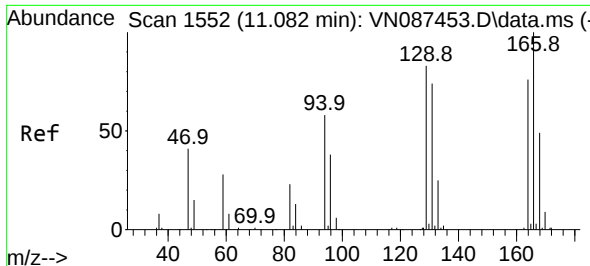
Tgt Ion: 43 Resp: 528222
Ion Ratio Lower Upper
43 100
58 50.0 41.0 61.6
57 17.8 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.733 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 95 Resp: 148686
Ion Ratio Lower Upper
95 100
174 67.2 52.3 78.5
176 64.9 49.8 74.8

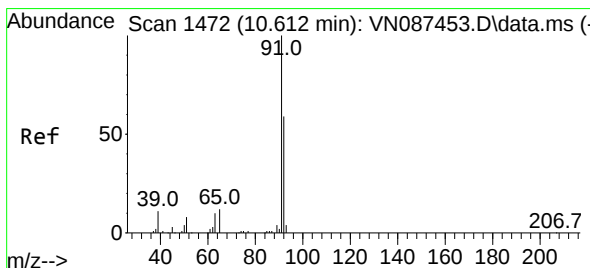
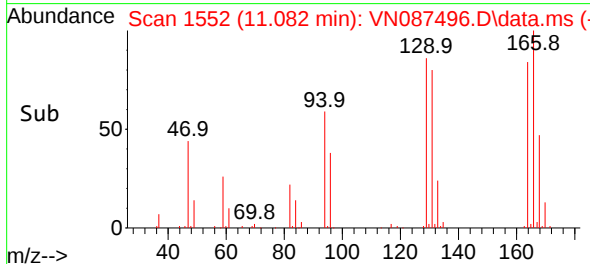
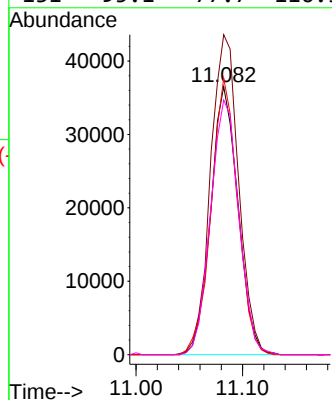
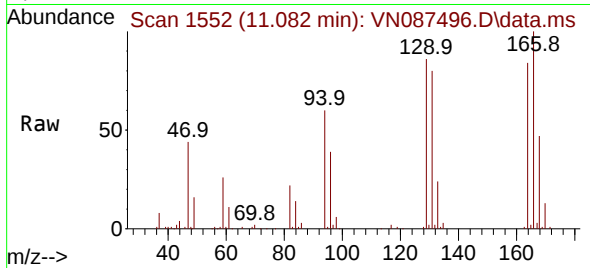




#61
Tetrachloroethene
Concen: 22.964 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

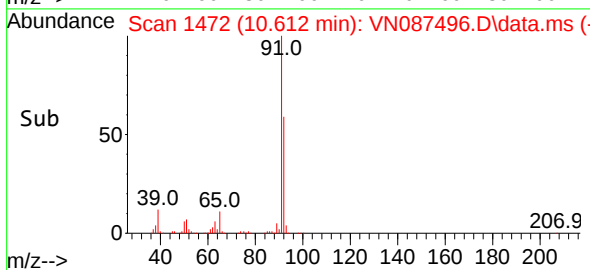
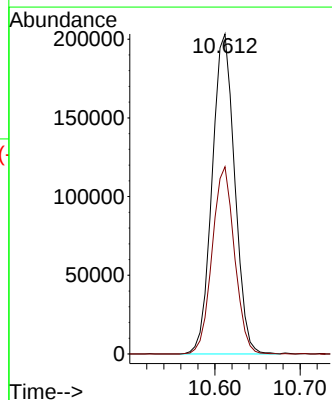
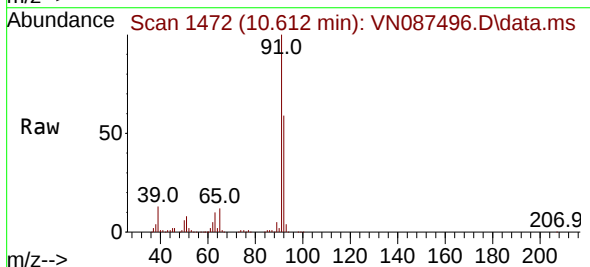
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

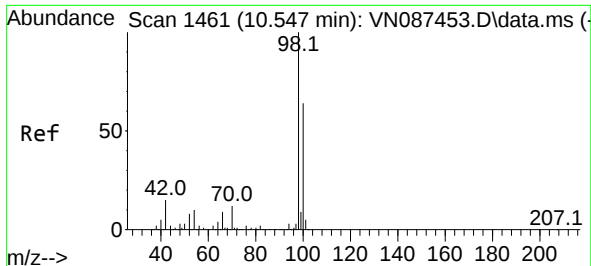
Tgt Ion:164 Resp: 65010
Ion Ratio Lower Upper
164 100
166 119.4 105.4 158.0
129 103.2 87.7 131.5
131 95.1 77.7 116.5



#62
Toluene
Concen: 20.853 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 91 Resp: 373990
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.6

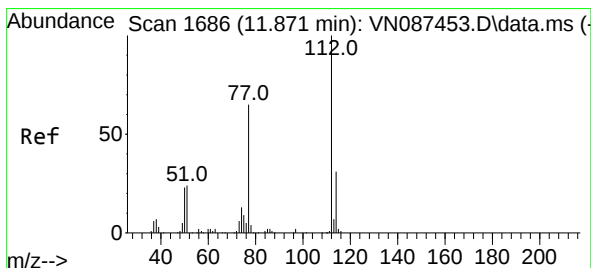
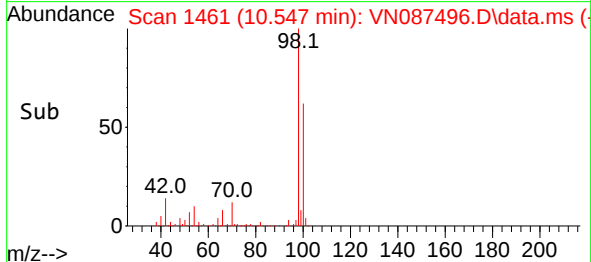
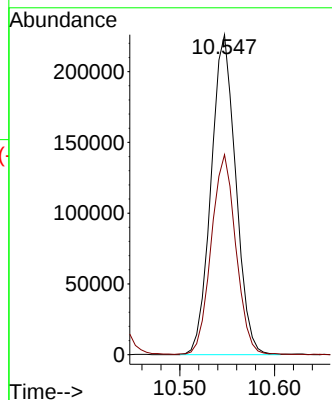
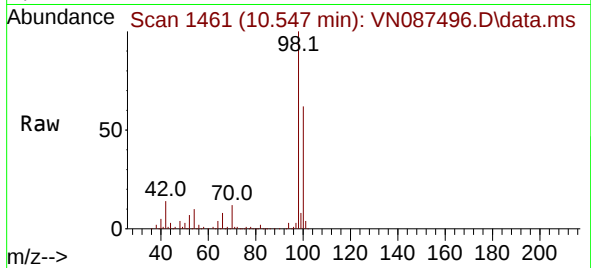




#63
Toluene-d8
Concen: 30.615 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

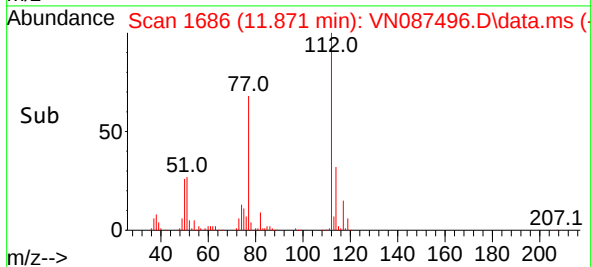
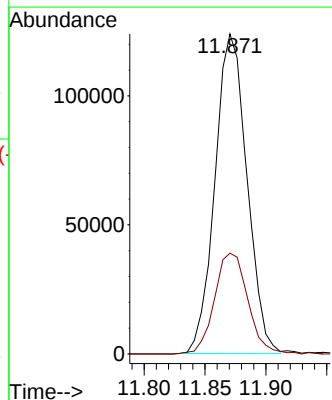
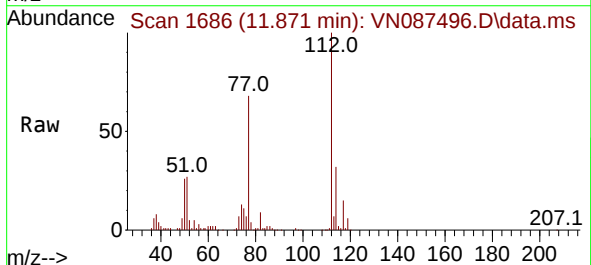
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

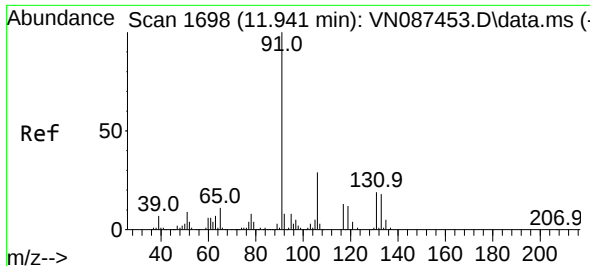
Tgt Ion: 98 Resp: 409328
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#64
Chlorobenzene
Concen: 20.525 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 112 Resp: 226192
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1

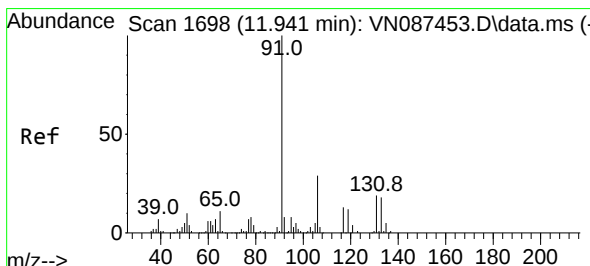
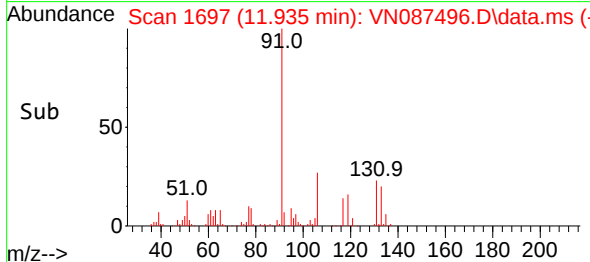
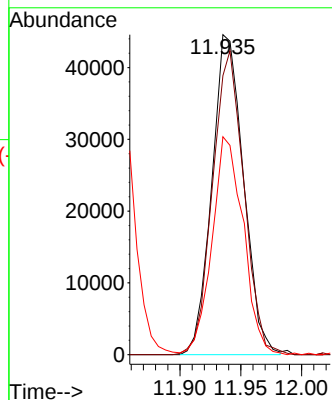
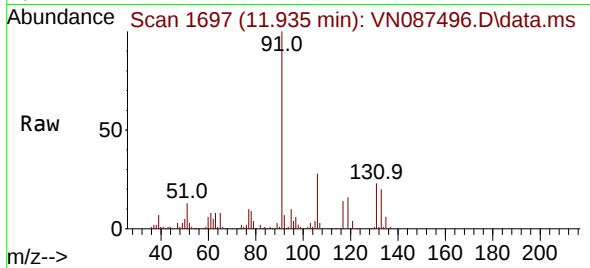




#65
1,1,1,2-Tetrachloroethane
Concen: 20.801 ug/l
RT: 11.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

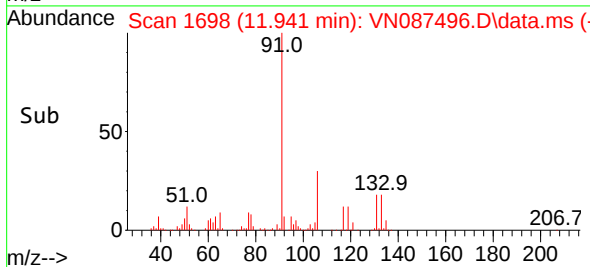
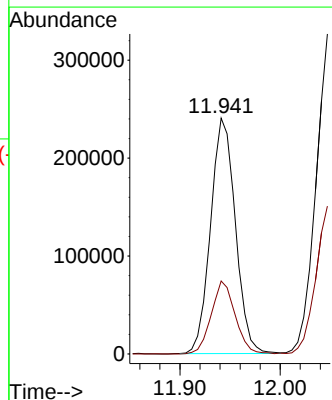
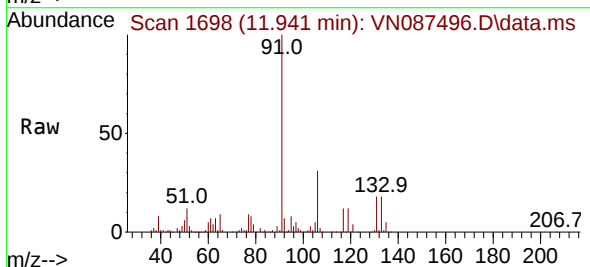
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

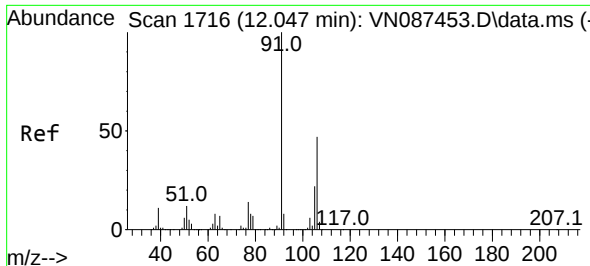
Tgt Ion:131 Resp: 80596
Ion Ratio Lower Upper
131 100
133 94.0 0.0 189.8
119 67.2 0.0 133.2



#66
Ethyl Benzene
Concen: 20.635 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 91 Resp: 412496
Ion Ratio Lower Upper
91 100
106 31.0 22.9 34.3

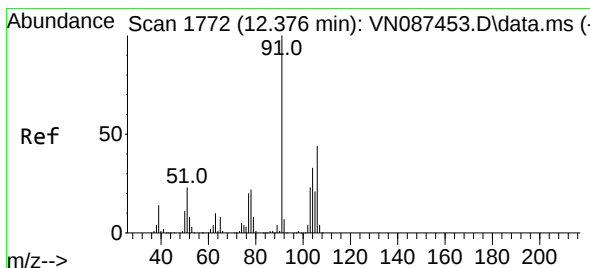
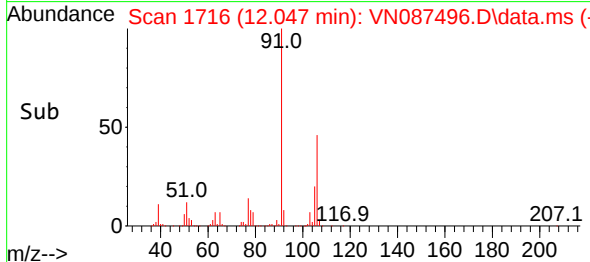
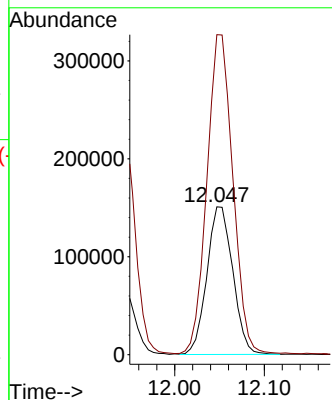
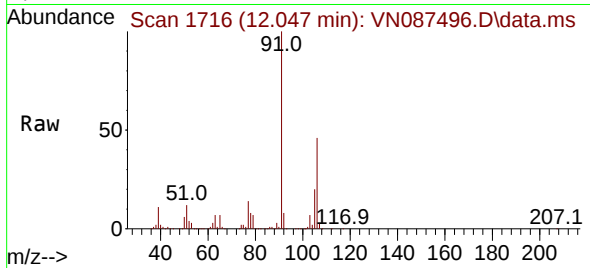




#67
m/p-Xylenes
Concen: 41.171 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

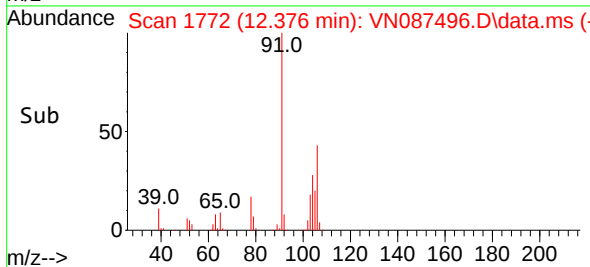
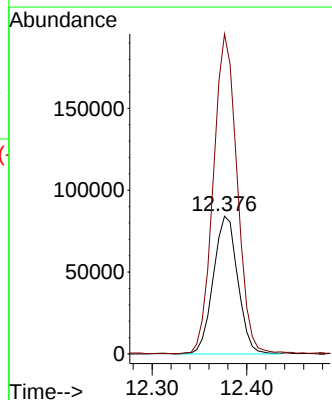
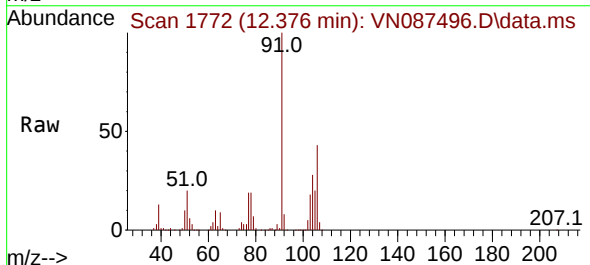
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

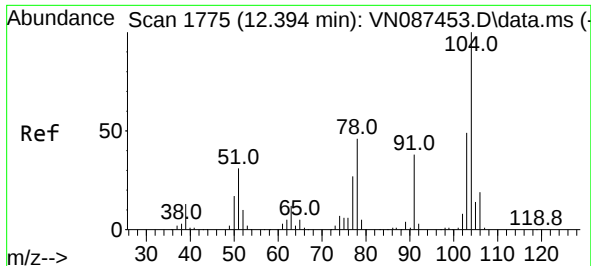
Tgt Ion:106 Resp: 302096
Ion Ratio Lower Upper
106 100
91 218.2 174.2 261.2



#68
o-Xylene
Concen: 20.908 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:106 Resp: 150926
Ion Ratio Lower Upper
106 100
91 224.9 114.5 343.5

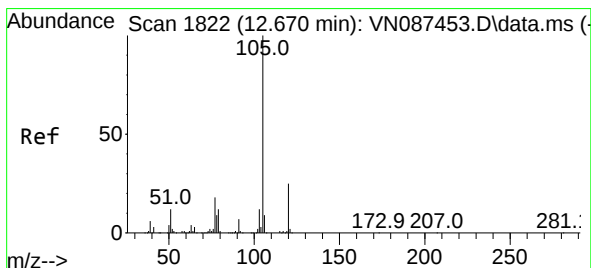
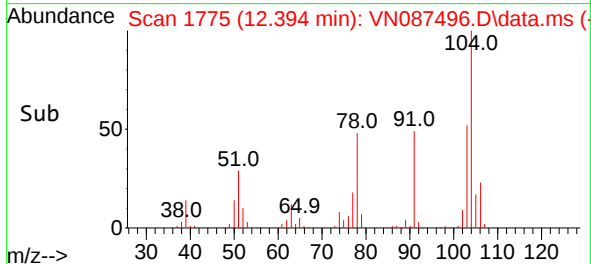
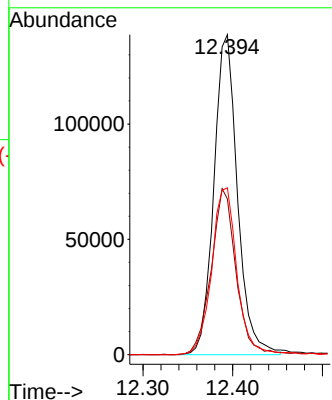
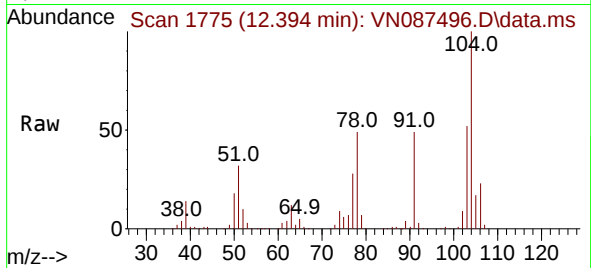




#69
Styrene
Concen: 20.573 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

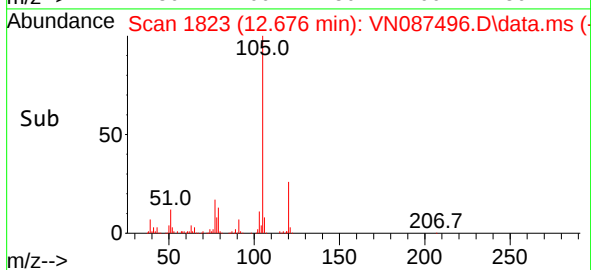
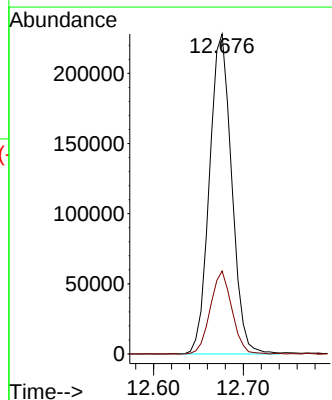
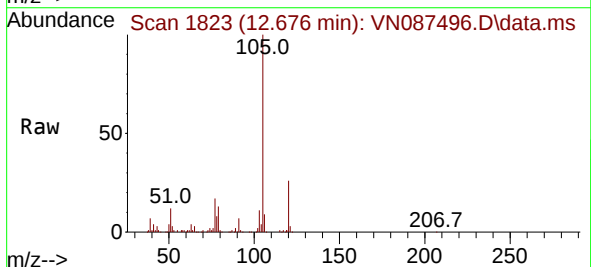
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

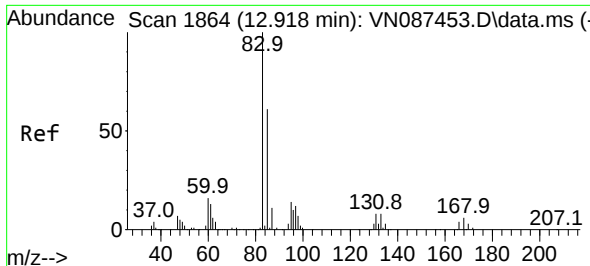
Tgt Ion:104 Resp: 253574
Ion Ratio Lower Upper
104 100
78 54.6 43.8 65.8
103 55.6 43.1 64.7



#70
Isopropylbenzene
Concen: 21.428 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:105 Resp: 392981
Ion Ratio Lower Upper
105 100
120 25.0 17.5 32.5

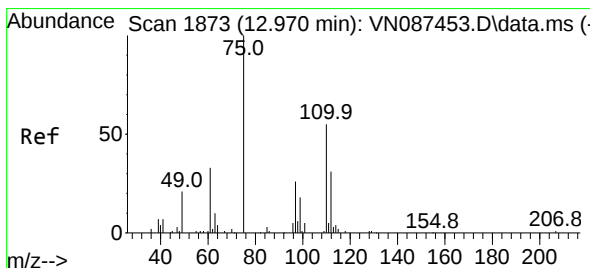
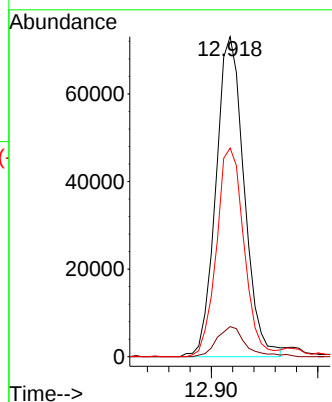
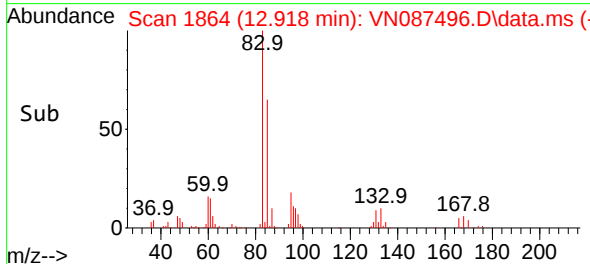
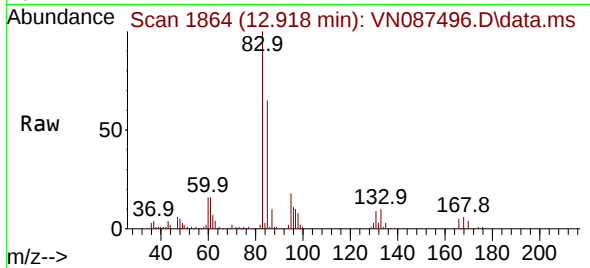




#71
1,1,2,2-Tetrachloroethane
Concen: 21.372 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

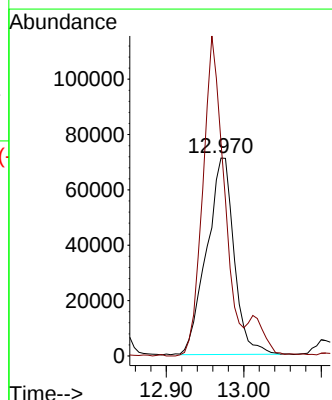
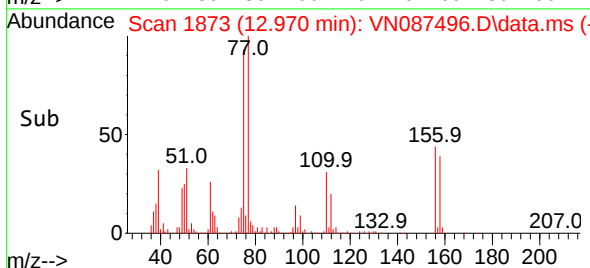
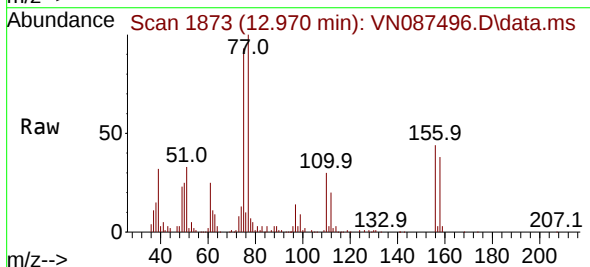
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

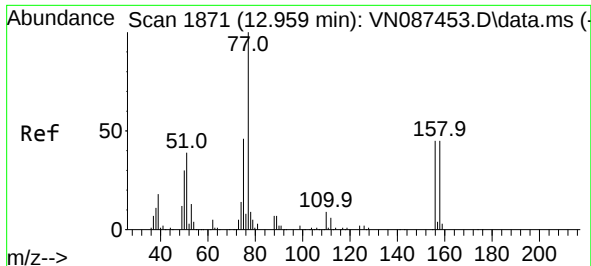
Tgt Ion: 83 Resp: 134296
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 63.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 29.779 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 75 Resp: 174319
Ion Ratio Lower Upper
75 100
77 127.4 0.0 385.0

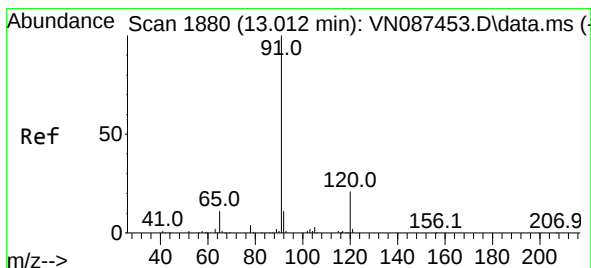
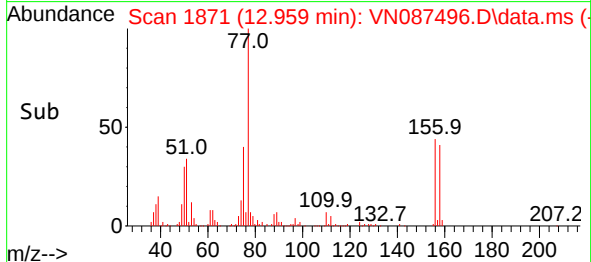
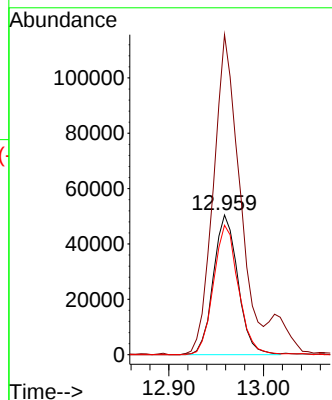
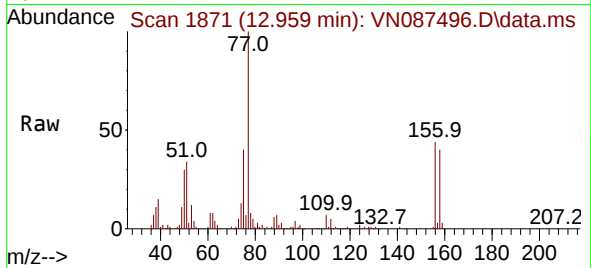




#73
Bromobenzene
Concen: 21.311 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

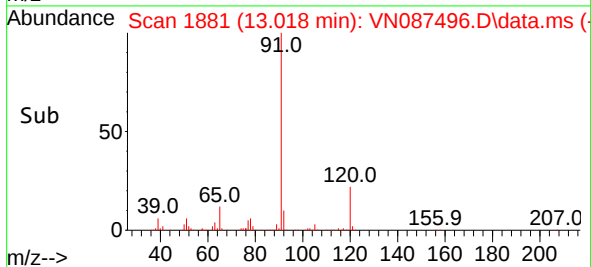
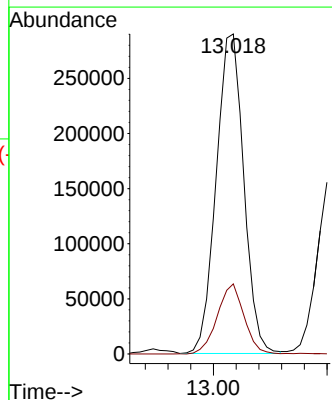
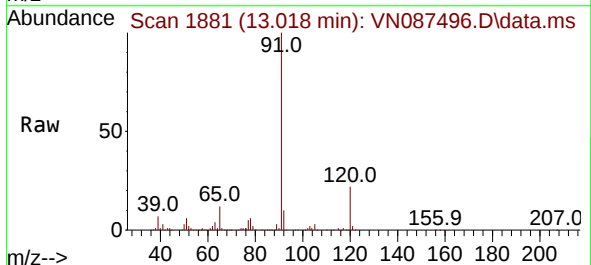
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

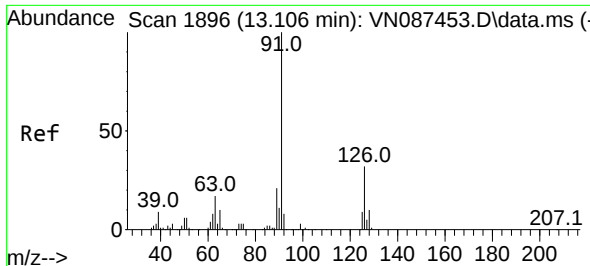
Tgt Ion:156 Resp: 90604
Ion Ratio Lower Upper
156 100
77 245.2 0.0 506.6
158 94.0 0.0 193.6



#74
n-propylbenzene
Concen: 21.329 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 91 Resp: 488512
Ion Ratio Lower Upper
91 100
120 21.3 0.0 41.8

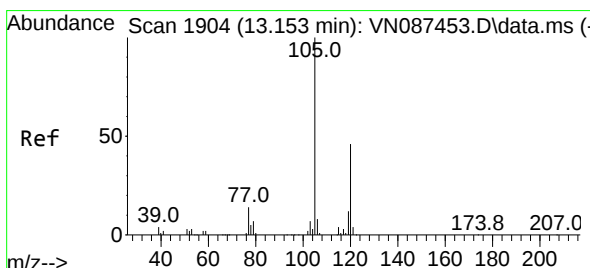
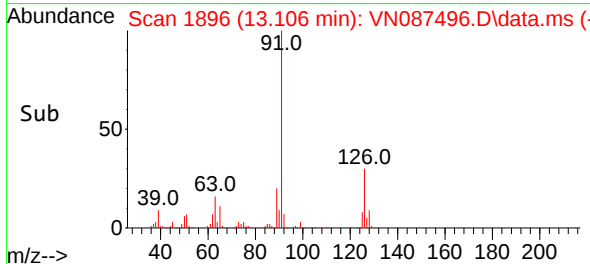
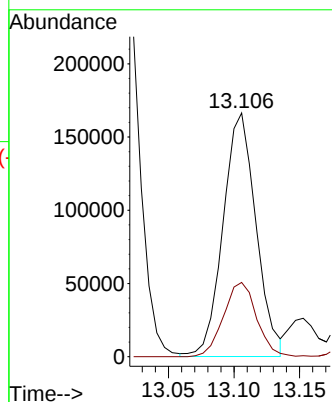
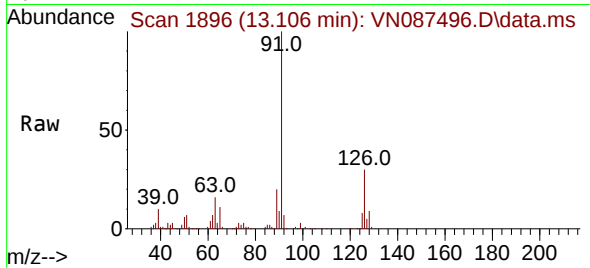




#75
2-Chlorotoluene
Concen: 20.677 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

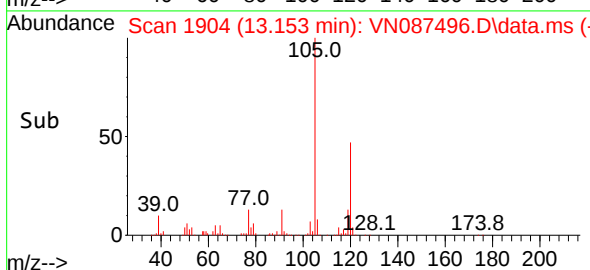
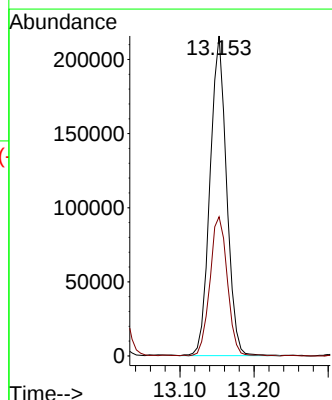
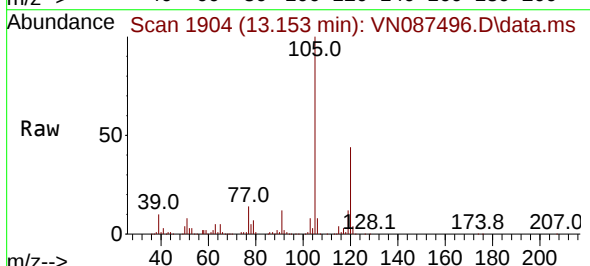
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

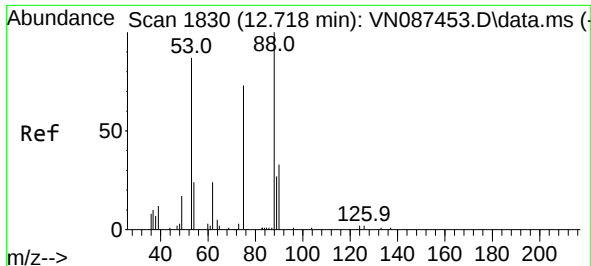
Tgt Ion: 91 Resp: 291316
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 21.290 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 105 Resp: 334306
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.2

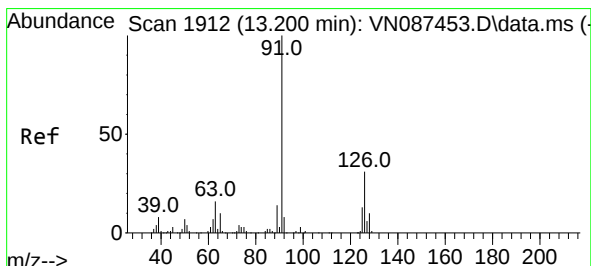
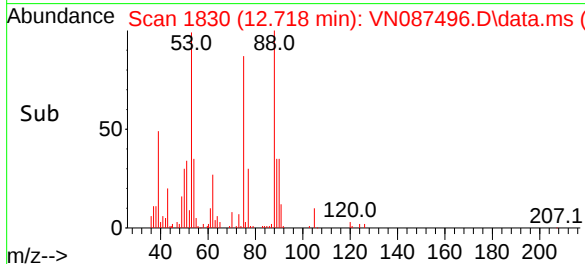
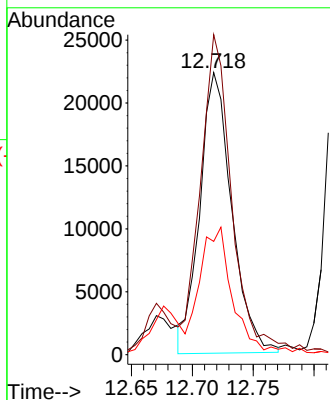
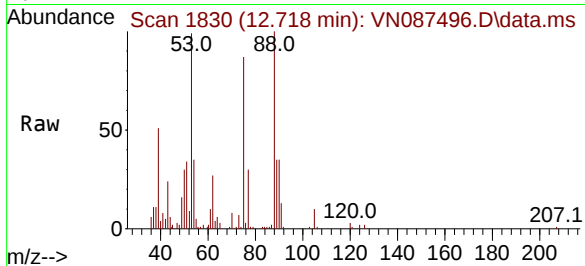




#77
t-1,4-Dichloro-2-butene
Concen: 18.385 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

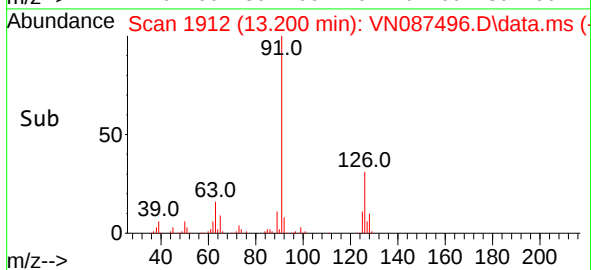
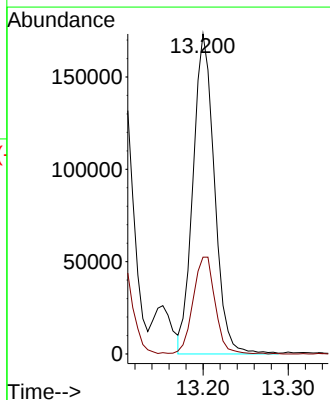
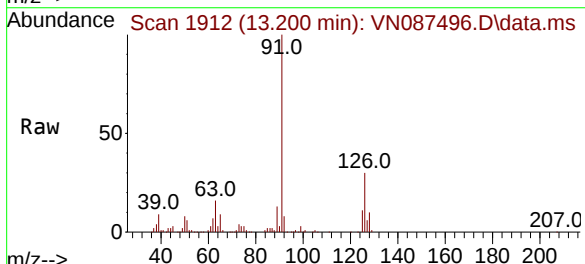
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

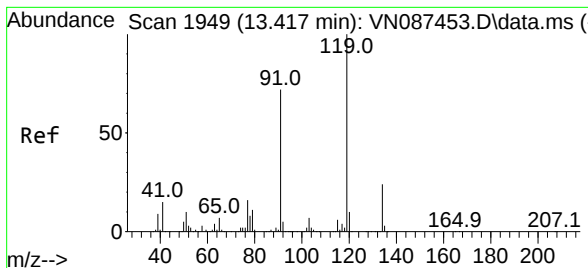
Tgt Ion: 75 Resp: 40741
Ion Ratio Lower Upper
75 100
53 112.3 59.0 176.8
89 39.2 22.1 66.5



#78
4-Chlorotoluene
Concen: 21.192 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 91 Resp: 302568
Ion Ratio Lower Upper
91 100
126 31.1 0.0 63.2

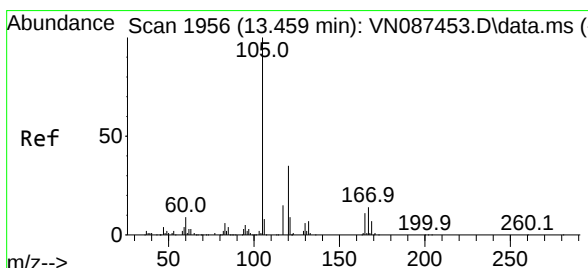
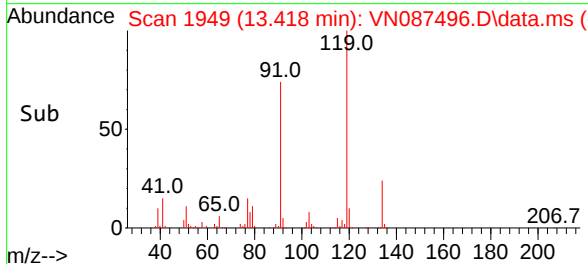
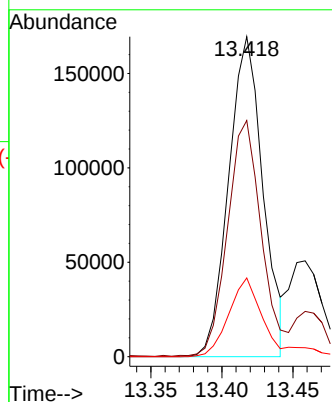
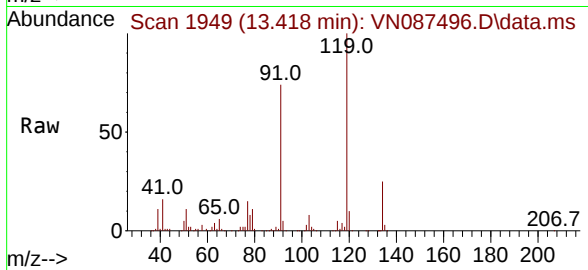




#79
tert-butylbenzene
Concen: 21.519 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

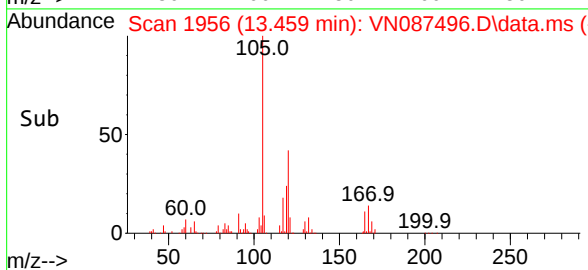
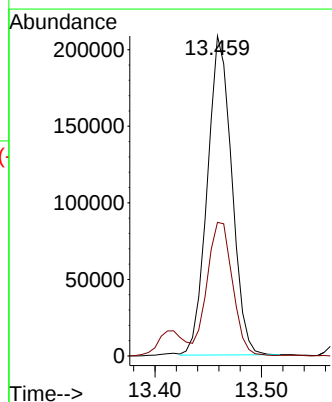
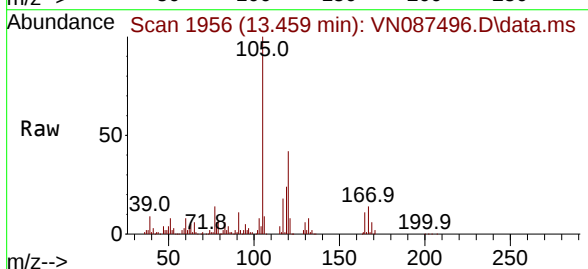
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

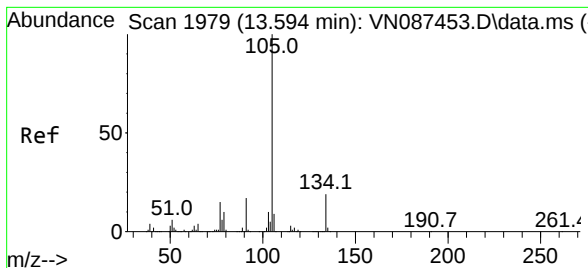
Tgt Ion:119 Resp: 284897
Ion Ratio Lower Upper
119 100
91 73.3 0.0 141.6
134 23.2 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 21.133 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:105 Resp: 331588
Ion Ratio Lower Upper
105 100
120 43.2 0.0 87.2

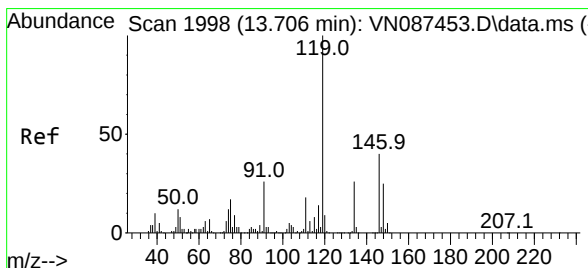
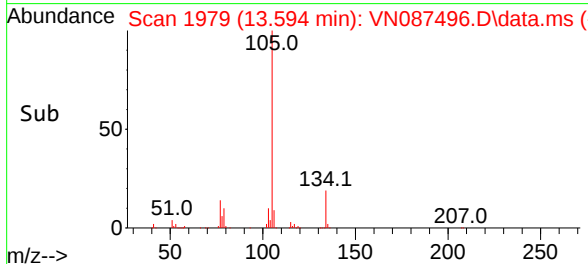
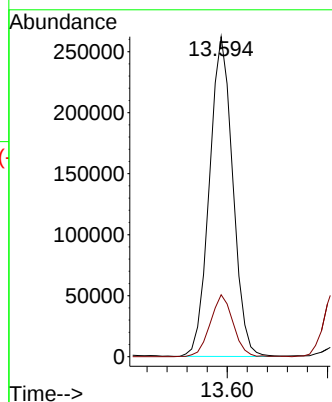
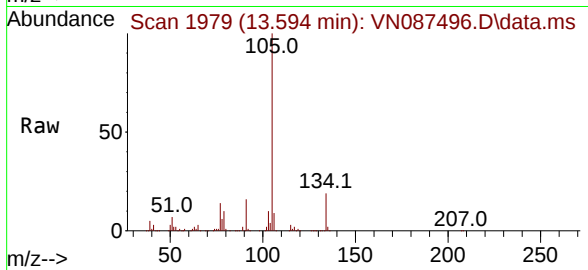




#81
 sec-Butylbenzene
 Concen: 21.964 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

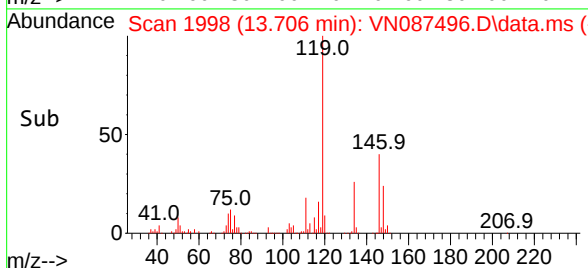
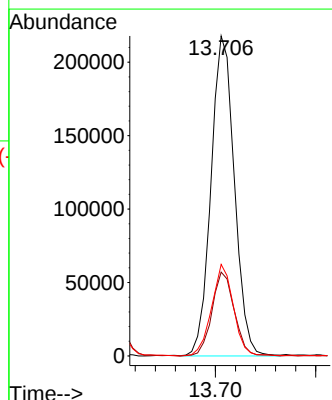
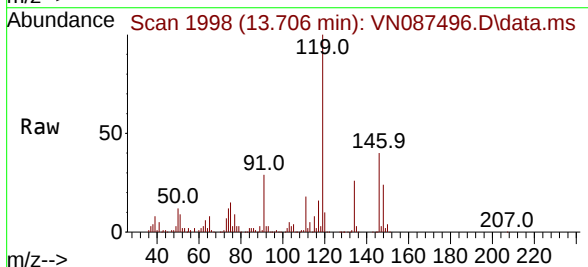
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

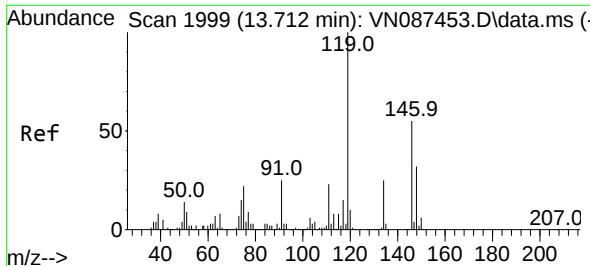
Tgt Ion:105 Resp: 423329
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 22.079 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087496.D
 Acq: 08 Aug 2025 11:51

Tgt Ion:119 Resp: 353335
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.4
 91 26.6 0.0 52.0

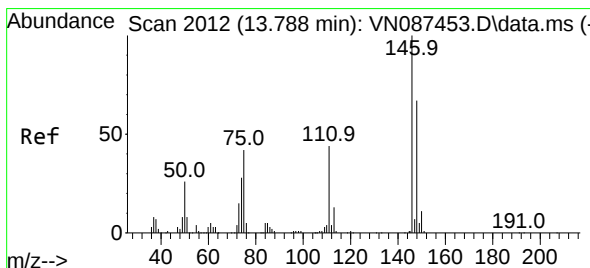
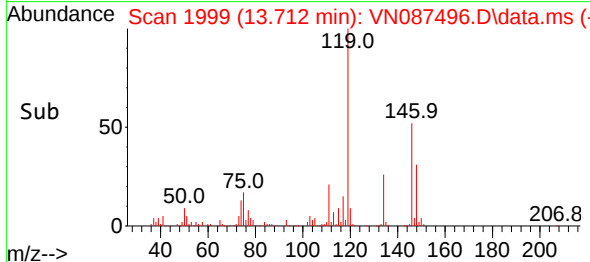
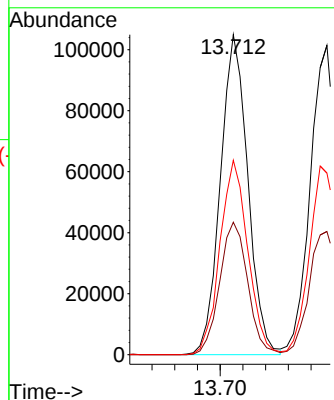
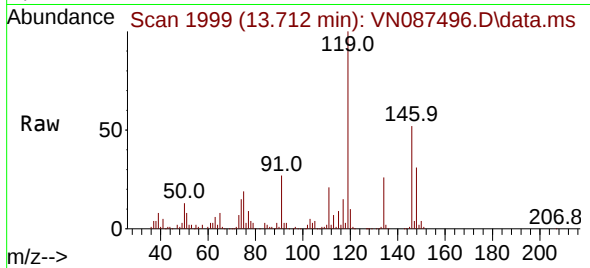




#83
1,3-Dichlorobenzene
Concen: 21.796 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

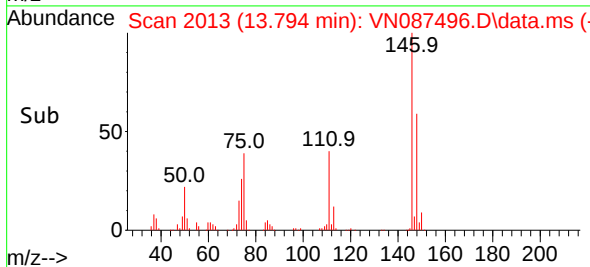
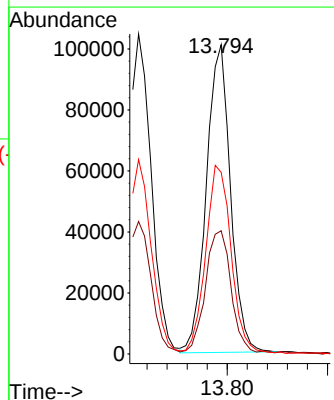
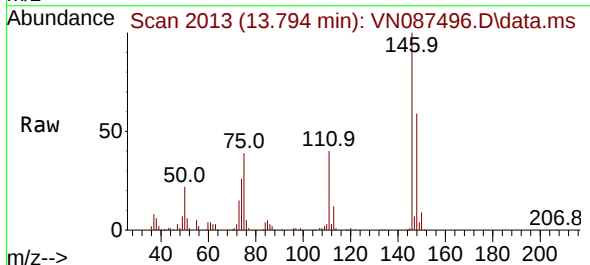
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

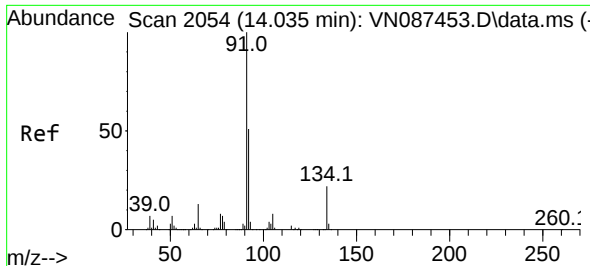
Tgt Ion:146 Resp: 176453
Ion Ratio Lower Upper
146 100
111 42.3 21.9 65.5
148 61.8 31.3 93.9



#84
1,4-Dichlorobenzene
Concen: 20.600 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:146 Resp: 169083
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.1
148 65.1 31.4 94.3

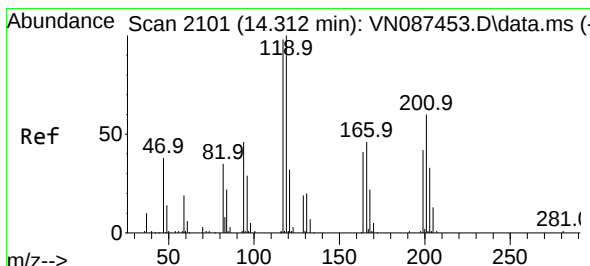
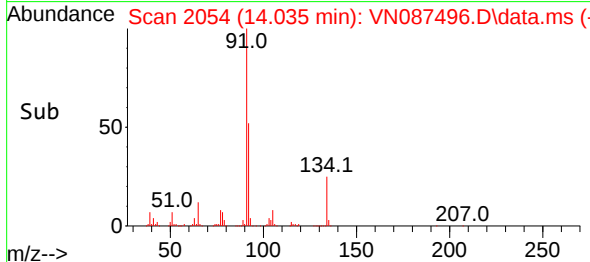
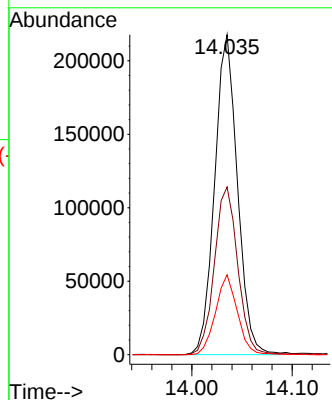
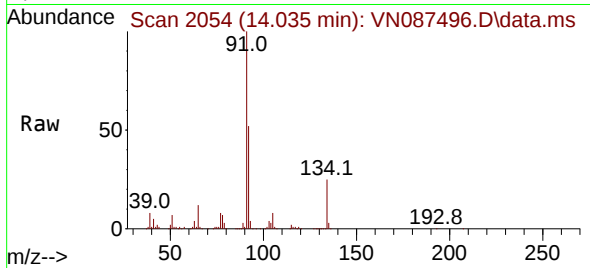




#85
n-Butylbenzene
Concen: 21.962 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

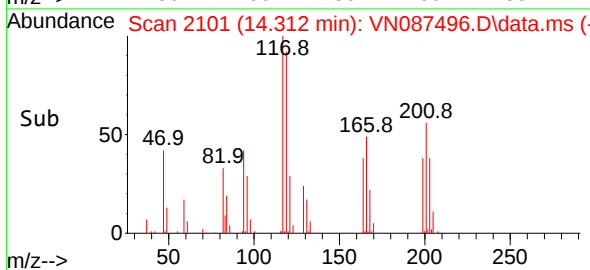
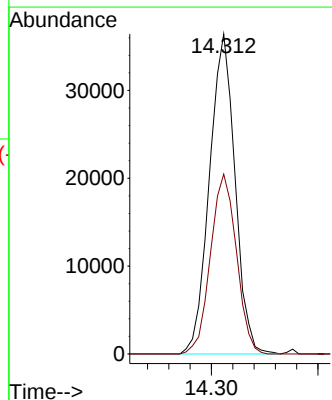
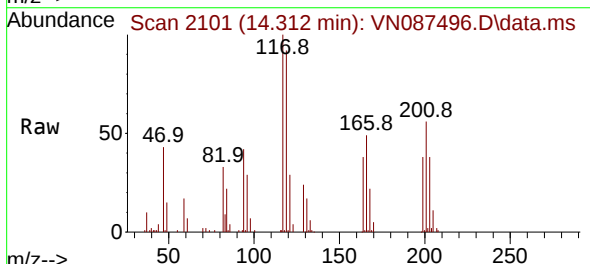
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

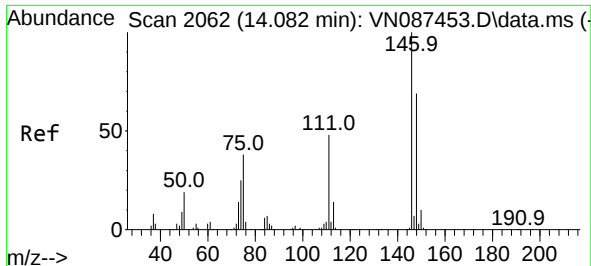
Tgt Ion: 91 Resp: 343858
Ion Ratio Lower Upper
91 100
92 53.9 0.0 106.6
134 23.9 0.0 44.4



#86
Hexachloroethane
Concen: 19.387 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 117 Resp: 60584
Ion Ratio Lower Upper
117 100
201 57.0 29.1 87.4

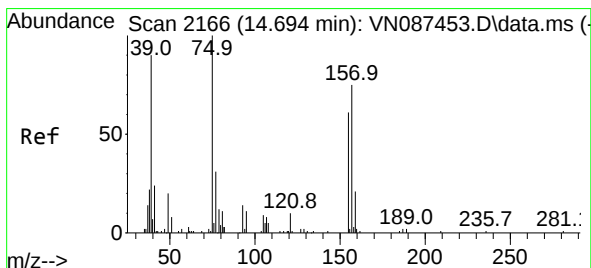
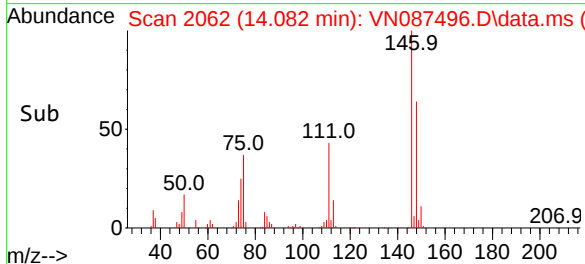
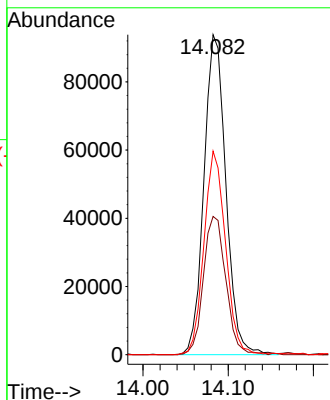
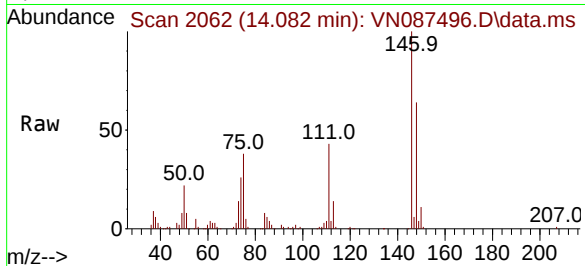




#87
1,2-Dichlorobenzene
Concen: 21.726 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

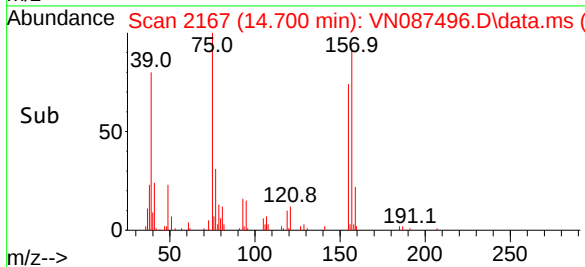
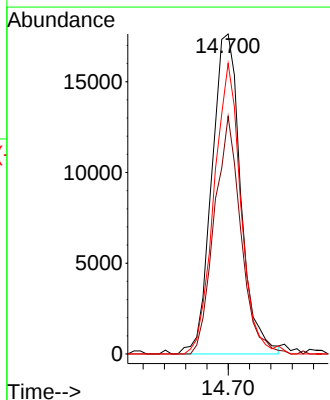
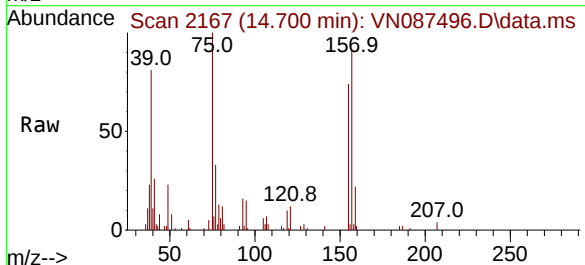
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

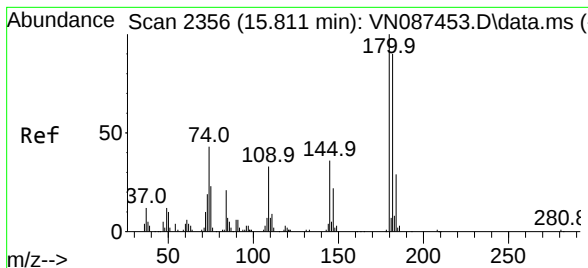
Tgt Ion:146 Resp: 167893
Ion Ratio Lower Upper
146 100
111 44.2 22.9 68.7
148 62.4 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.882 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion: 75 Resp: 33241
Ion Ratio Lower Upper
75 100
155 68.3 55.7 83.5
157 83.6 65.8 98.6

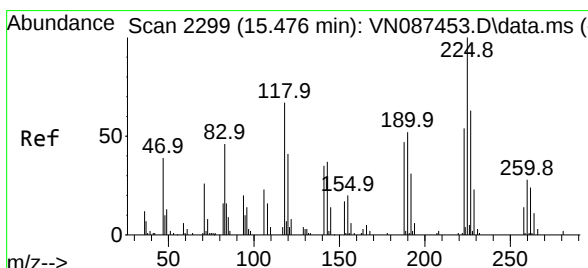
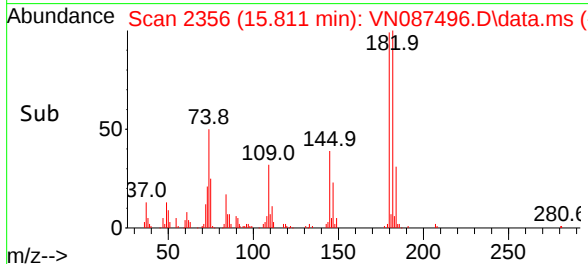
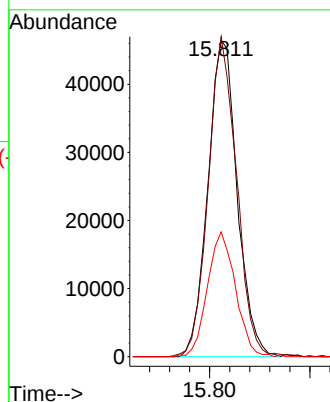
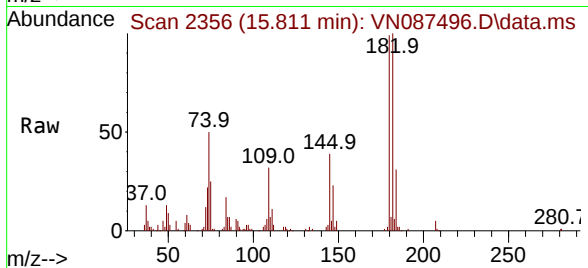




#89
1,2,4-Trichlorobenzene
Concen: 20.423 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

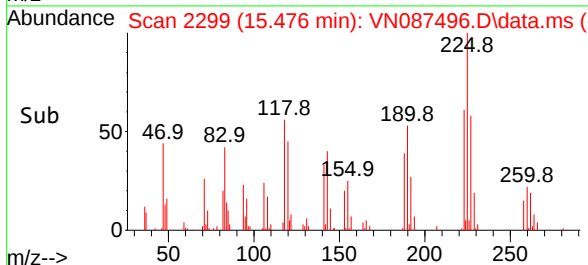
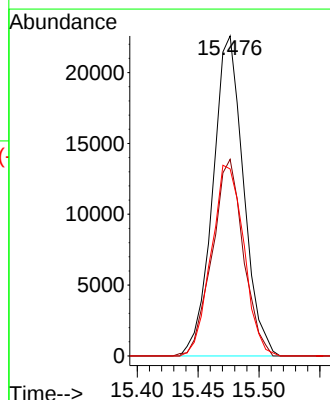
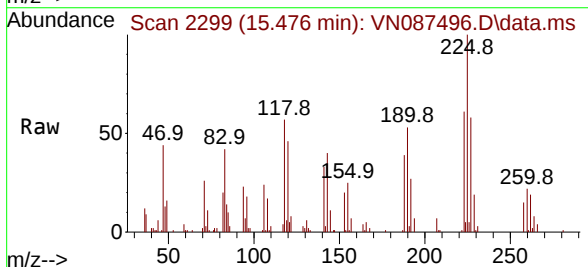
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

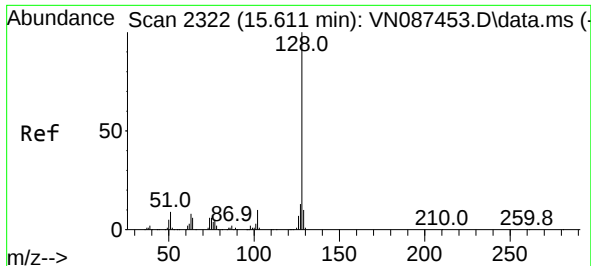
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.4
145	37.7	28.6	43.0



#90
Hexachlorobutadiene
Concen: 22.040 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	116.0
227	62.9	0.0	127.0

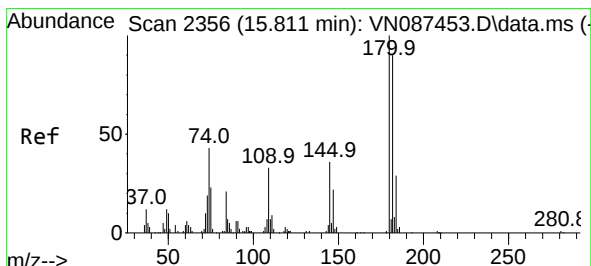
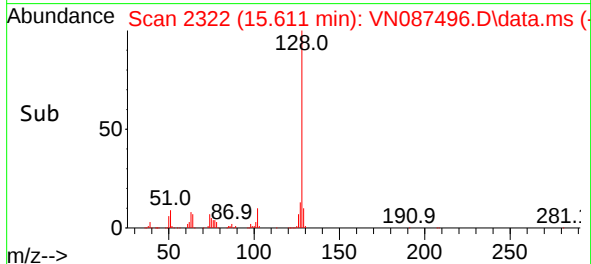
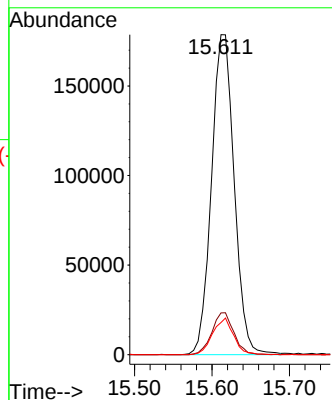
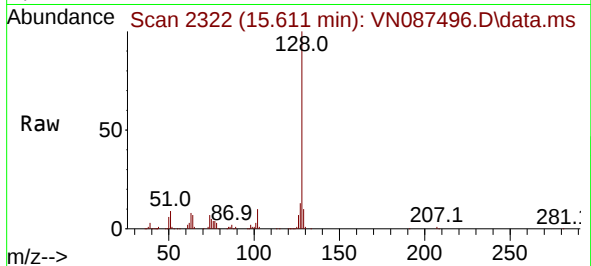




#91
Naphthalene
Concen: 20.662 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBSD01

Tgt Ion:128 Resp: 363863
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.423 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087496.D
Acq: 08 Aug 2025 11:51

Tgt Ion:180 Resp: 94324
Ion Ratio Lower Upper
180 100
182 97.3 0.0 187.4
145 37.7 0.0 71.6

