

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087522.D
 Acq On : 12 Aug 2025 18:02
 Operator : JC\MD
 Sample : Q2816-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MSD

Quant Time: Aug 13 03:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	271903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	540888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	499161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	251240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	245947	53.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.620%	
35) Dibromofluoromethane	8.153	113	167175	44.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.620%	
50) Toluene-d8	10.547	98	612676	46.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.060%	
62) 4-Bromofluorobenzene	12.829	95	238589	48.523	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	173733	60.158	ug/l	95
3) Chloromethane	2.383	50	183773	50.603	ug/l	96
4) Vinyl Chloride	2.542	62	212398	58.850	ug/l	98
5) Bromomethane	2.971	94	108791	58.209	ug/l	99
6) Chloroethane	3.130	64	134104	56.976	ug/l	97
7) Trichlorofluoromethane	3.512	101	286462	53.677	ug/l	100
8) Diethyl Ether	3.959	74	129108	62.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	146830	53.596	ug/l	97
10) Methyl Iodide	4.583	142	115601	42.028	ug/l	92
11) Tert butyl alcohol	5.524	59	263973	301.330	ug/l	99
12) 1,1-Dichloroethene	4.336	96	163756	52.749	ug/l	90
13) Acrolein	4.177	56	182533	259.637	ug/l	100
14) Allyl chloride	5.012	41	308640	54.935	ug/l	91
15) Acrylonitrile	5.712	53	654692	275.406	ug/l	97
16) Acetone	4.424	43	628645	290.610	ug/l	99
17) Carbon Disulfide	4.700	76	461128	50.101	ug/l #	94
18) Methyl Acetate	5.018	43	310449	57.123	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	720986	63.008	ug/l	95
20) Methylene Chloride	5.271	84	206485	56.550	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	186699	53.336	ug/l	98
22) Diisopropyl ether	6.665	45	728197	61.790	ug/l	98
23) Vinyl Acetate	6.594	43	2851108	276.617	ug/l	99
24) 1,1-Dichloroethane	6.553	63	379298	55.787	ug/l	97
25) 2-Butanone	7.477	43	967327	289.416	ug/l	98
26) 2,2-Dichloropropane	7.477	77	277411	52.479	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	347600	86.252	ug/l	99
28) Bromochloromethane	7.794	49	183551	56.409	ug/l	93
29) Tetrahydrofuran	7.830	42	639413	294.487	ug/l	99
30) Chloroform	7.953	83	398704	58.587	ug/l	100
31) Cyclohexane	8.241	56	293225	51.698	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	335384	56.900	ug/l	98
36) 1,1-Dichloropropene	8.359	75	254821	51.695	ug/l	98
37) Ethyl Acetate	7.553	43	359453	50.491	ug/l	99
38) Carbon Tetrachloride	8.347	117	270552	49.824	ug/l	95
39) Methylcyclohexane	9.582	83	283837	53.185	ug/l	96
40) Benzene	8.588	78	825674	51.826	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	212559	57.101	ug/l	96
42) 1,2-Dichloroethane	8.653	62	334621	55.386	ug/l	98
43) Isopropyl Acetate	8.677	43	610974	55.285	ug/l	99
44) Trichloroethene	9.335	130	287786	76.448	ug/l	89
45) 1,2-Dichloropropane	9.606	63	210953	52.112	ug/l	89
46) Dibromomethane	9.694	93	160220	52.862	ug/l	96
47) Bromodichloromethane	9.871	83	326905	53.547	ug/l	98
48) Methyl methacrylate	9.665	41	297061	59.708	ug/l	93
49) 1,4-Dioxane	9.682	88	81036	1063.455	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	1930608	276.206	ug/l	98
52) Toluene	10.612	92	514896	53.172	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	347935	56.313	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	350017	54.843	ug/l #	89
55) 1,1,2-Trichloroethane	11.000	97	209842	53.525	ug/l	94
56) Ethyl methacrylate	10.859	69	364520	55.058	ug/l #	92
57) 1,3-Dichloropropane	11.147	76	369714	54.544	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.176	63	1505	0.468	ug/l #	48
59) 2-Hexanone	11.176	43	1345334	290.104	ug/l	98
60) Dibromochloromethane	11.341	129	234854	52.528	ug/l	99
61) 1,2-Dibromoethane	11.447	107	223407	54.197	ug/l	95
64) Tetrachloroethene	11.082	164	322091	100.258	ug/l	93
65) Chlorobenzene	11.870	112	560976	50.058	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	193390	50.750	ug/l	98
67) Ethyl Benzene	11.941	91	1008847	54.684	ug/l	97
68) m/p-Xylenes	12.053	106	748369	108.328	ug/l	94
69) o-Xylene	12.376	106	366073	55.474	ug/l	93
70) Styrene	12.394	104	637007	57.383	ug/l	98
71) Bromoform	12.559	173	153058	49.718	ug/l #	98
73) Isopropylbenzene	12.676	105	930692	58.858	ug/l	97
74) N-amyl acetate	12.506	43	269625	41.040	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.917	83	325703	54.740	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	434839	77.183	ug/l	55
77) Bromobenzene	12.959	156	222709	54.307	ug/l	95
78) n-propylbenzene	13.017	91	1152341	57.922	ug/l	99
79) 2-Chlorotoluene	13.106	91	705606	57.709	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	808785	60.032	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	97113	47.164	ug/l	90
82) 4-Chlorotoluene	13.200	91	728948	57.263	ug/l	99
83) tert-Butylbenzene	13.417	119	672878	59.799	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	821538	59.711	ug/l	96
85) sec-Butylbenzene	13.594	105	982242	57.952	ug/l	98
86) p-Isopropyltoluene	13.706	119	816922	60.143	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	424046	52.687	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	435622	50.677	ug/l	96
89) n-Butylbenzene	14.035	91	791466	61.023	ug/l	99
90) Hexachloroethane	14.311	117	152855	53.113	ug/l	94
91) 1,2-Dichlorobenzene	14.088	146	411268	53.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	82138	52.580	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	248025	55.377	ug/l	99
94) Hexachlorobutadiene	15.476	225	85594	51.432	ug/l	98
95) Naphthalene	15.617	128	916636	57.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	238151	53.008	ug/l	98

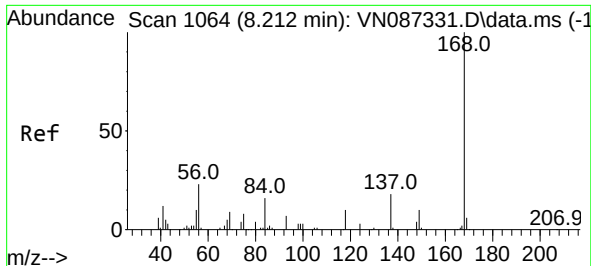
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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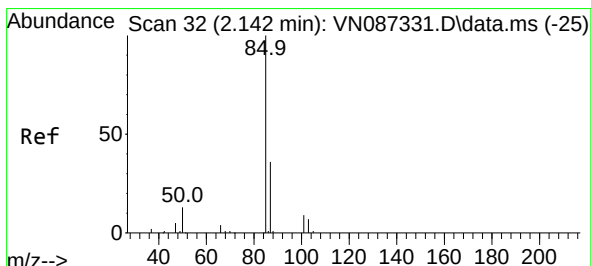
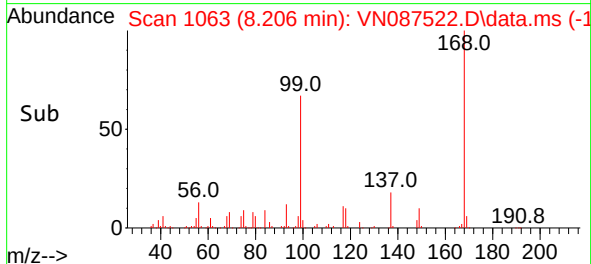
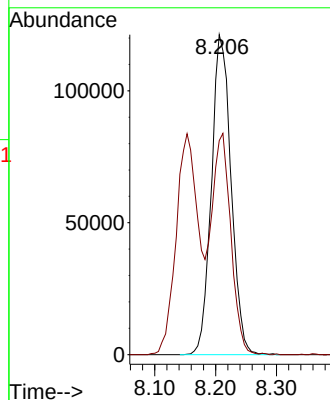
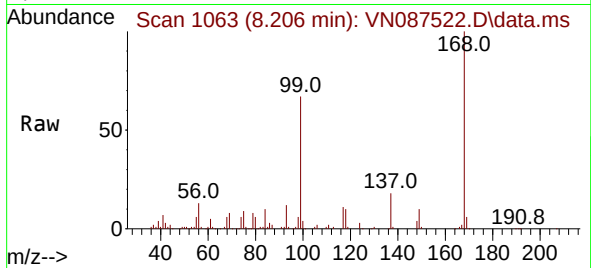
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

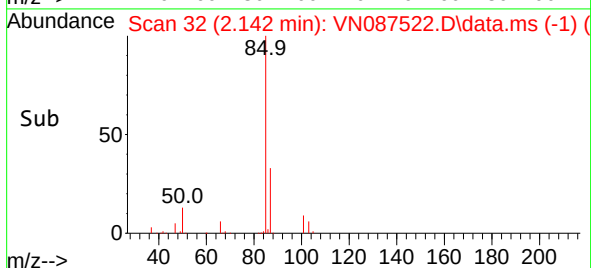
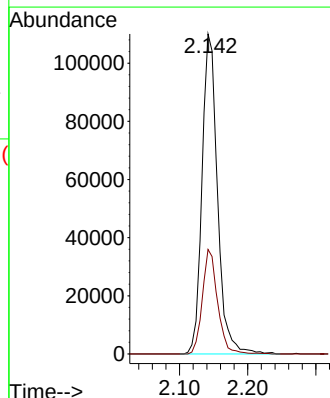
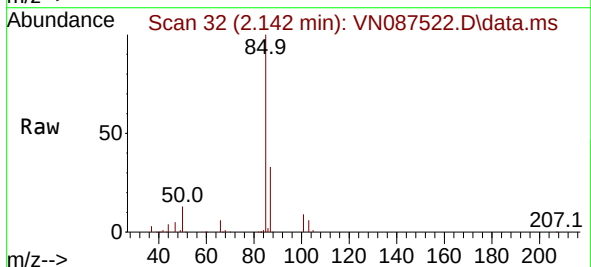
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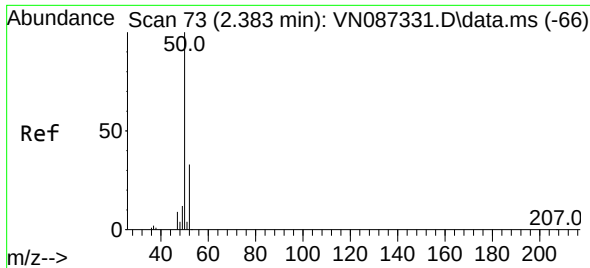
Tgt Ion:168 Resp: 271903
Ion Ratio Lower Upper
168 100
99 66.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 60.158 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 85 Resp: 173733
Ion Ratio Lower Upper
85 100
87 32.7 17.8 53.3

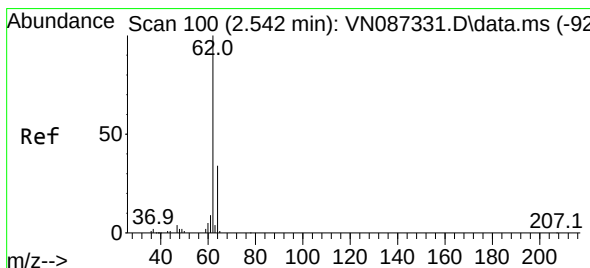
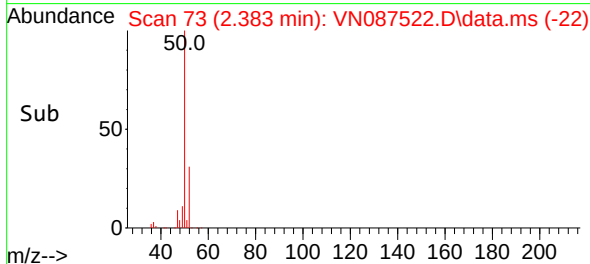
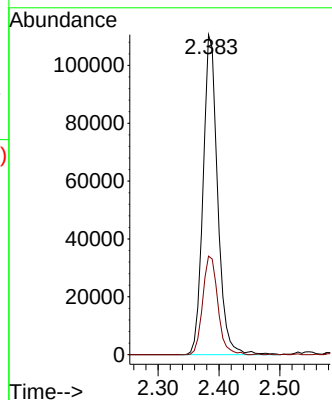
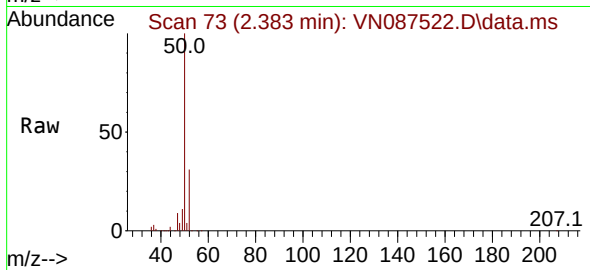




#3
Chloromethane
Concen: 50.603 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

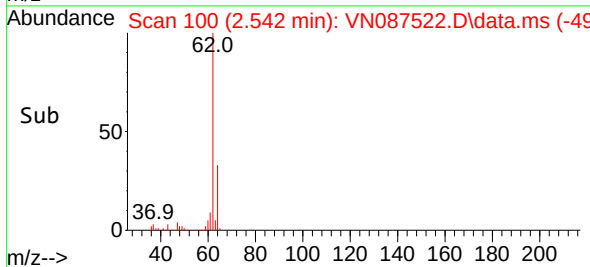
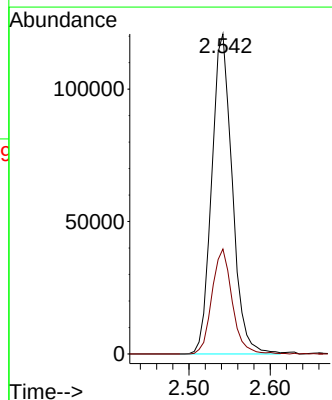
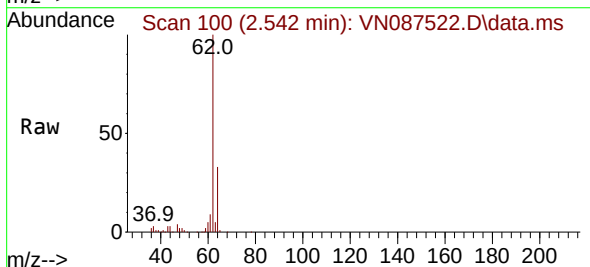
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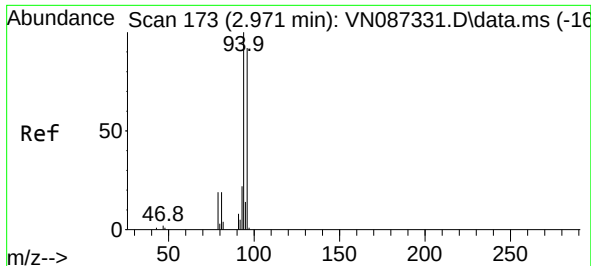
Tgt Ion: 50 Resp: 183773
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5



#4
Vinyl Chloride
Concen: 58.850 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 62 Resp: 212398
Ion Ratio Lower Upper
62 100
64 32.8 27.0 40.6

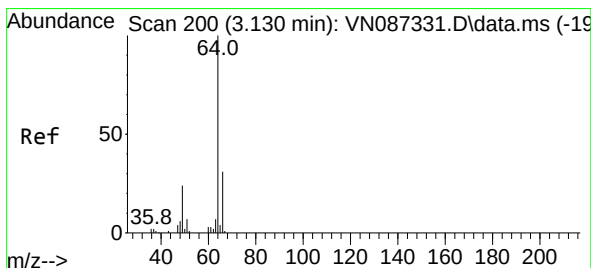
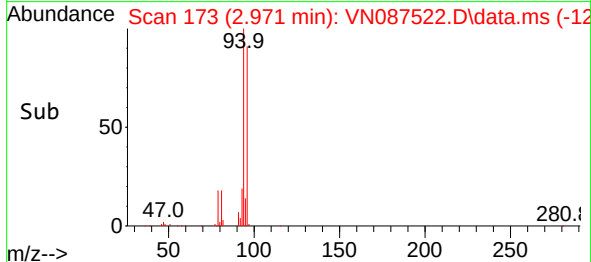
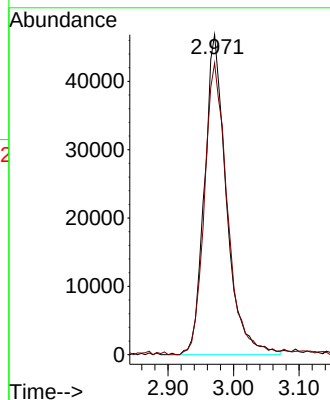
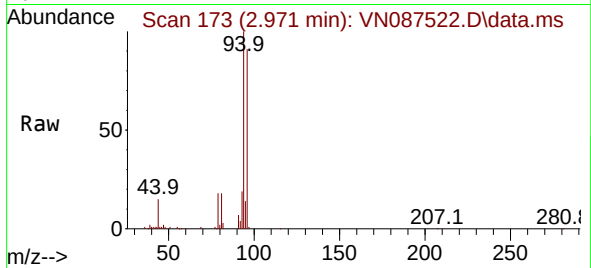




#5
Bromomethane
Concen: 58.209 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

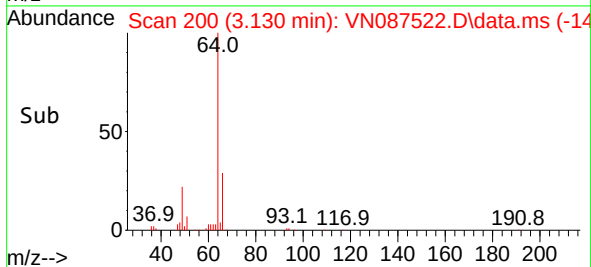
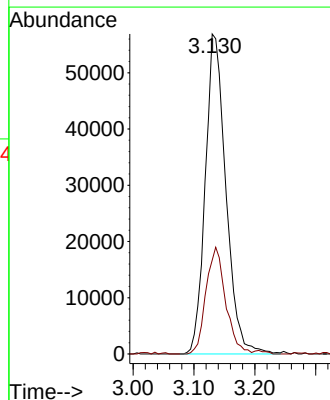
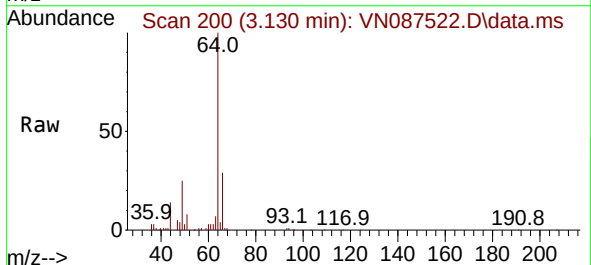
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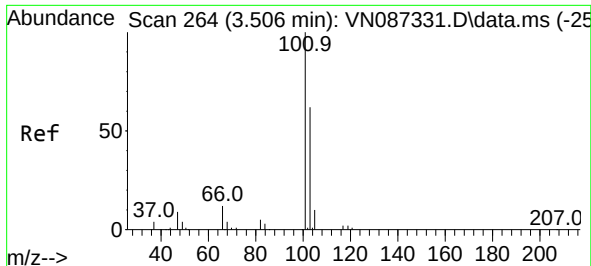
Tgt Ion: 94 Resp: 108791
Ion Ratio Lower Upper
94 100
96 91.1 73.4 110.2



#6
Chloroethane
Concen: 56.976 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 64 Resp: 134104
Ion Ratio Lower Upper
64 100
66 29.3 24.6 36.8

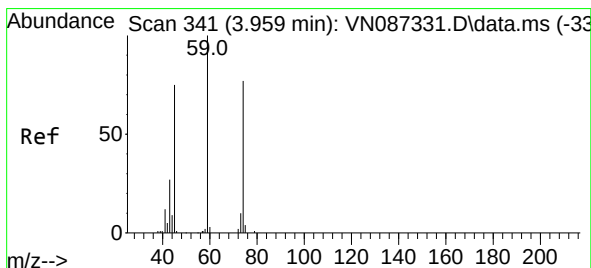
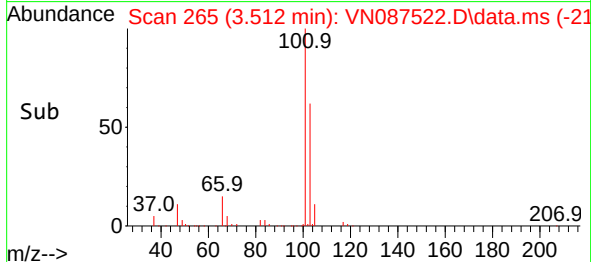
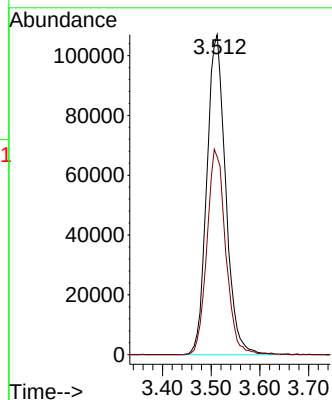
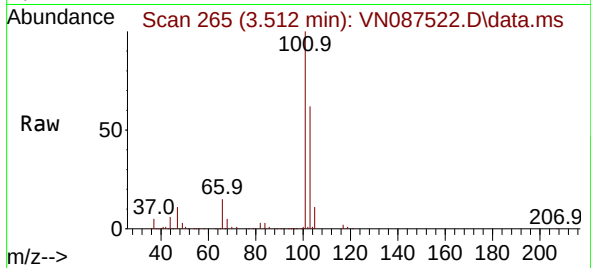




#7
Trichlorofluoromethane
Concen: 53.677 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087522.D
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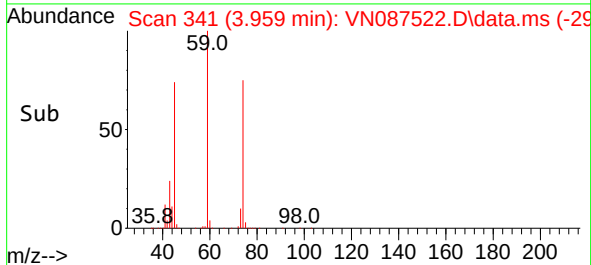
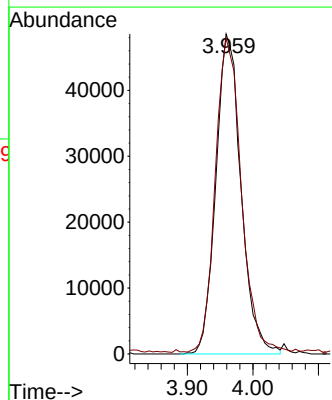
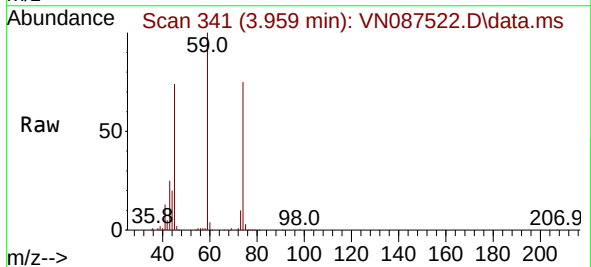
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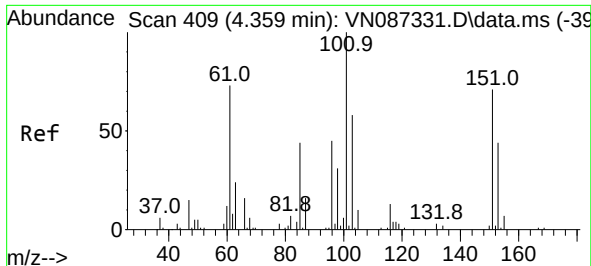
Tgt Ion:101 Resp: 286462
Ion Ratio Lower Upper
101 100
103 61.9 49.8 74.6



#8
Diethyl Ether
Concen: 62.366 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 74 Resp: 129108
Ion Ratio Lower Upper
74 100
45 101.0 50.8 152.5

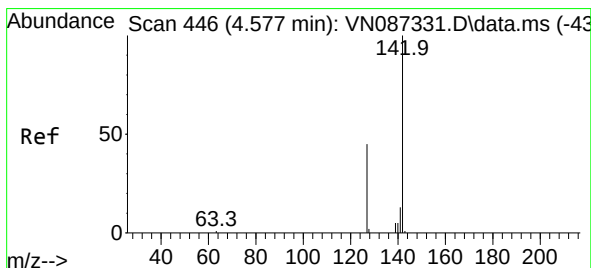
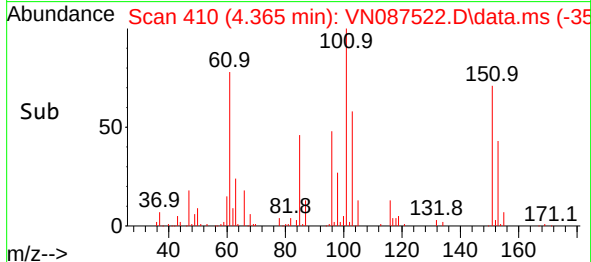
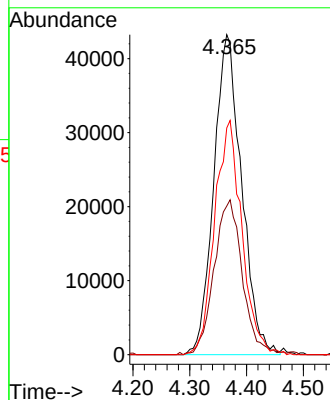
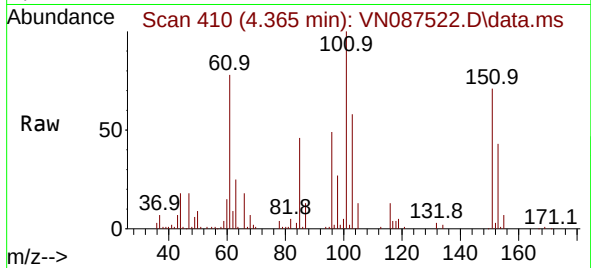




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.596 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087522.D
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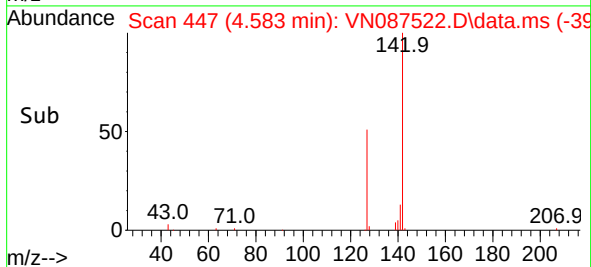
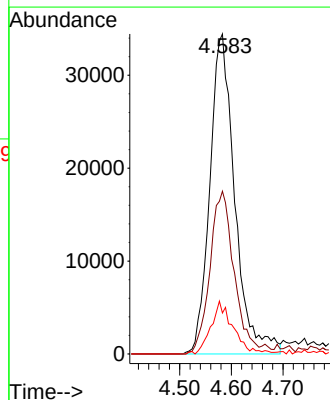
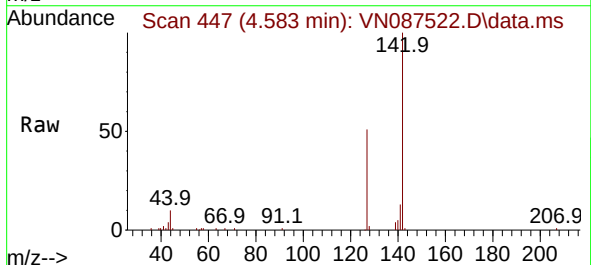
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

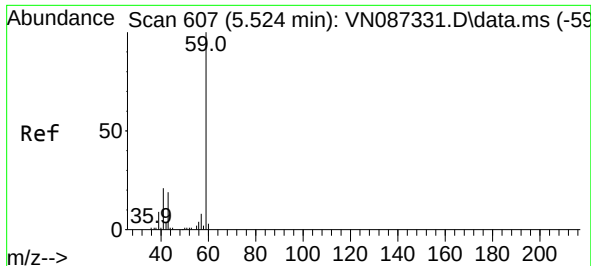
Tgt Ion:101 Resp: 146830
Ion Ratio Lower Upper
101 100
85 49.2 37.3 55.9
151 71.8 58.9 88.3



#10
Methyl Iodide
Concen: 42.028 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:142 Resp: 115601
Ion Ratio Lower Upper
142 100
127 50.8 35.7 53.5
141 12.8 10.4 15.6

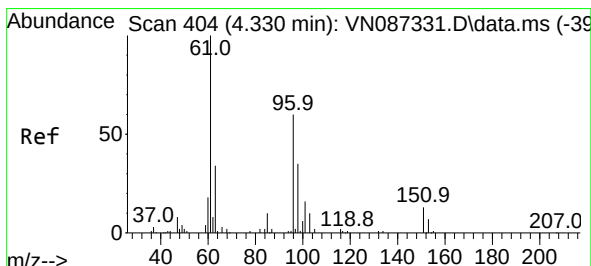
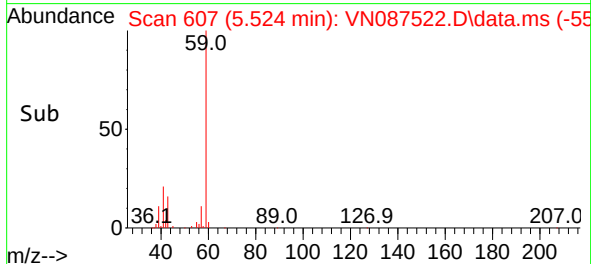
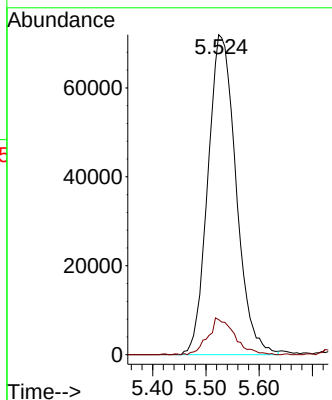
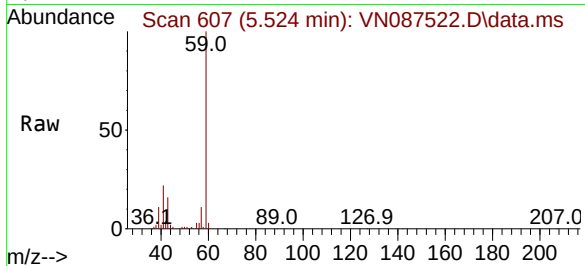




#11
Tert butyl alcohol
Concen: 301.330 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

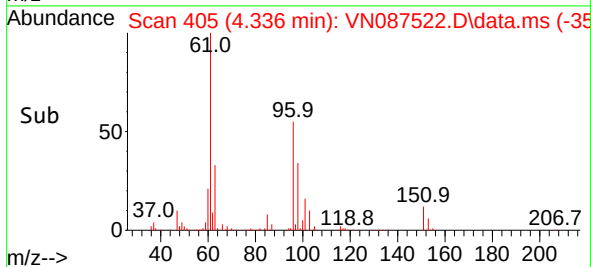
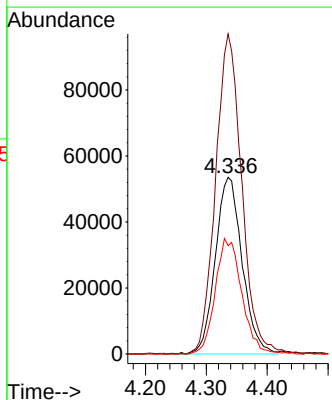
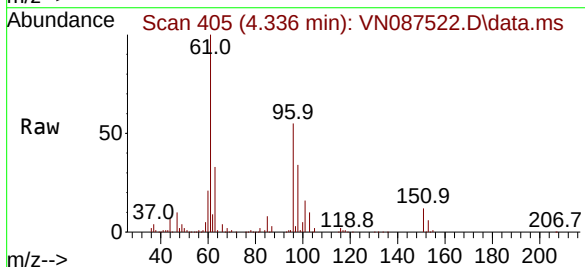
Instrument :
MSVOA_N
ClientSampleId :
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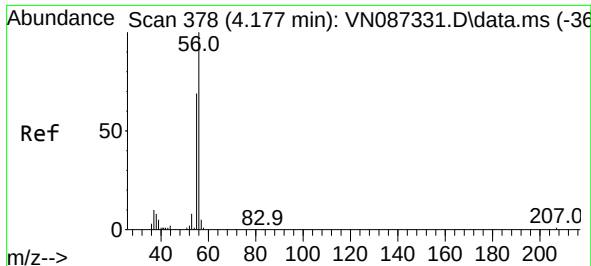
Tgt Ion: 59 Resp: 263973
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.749 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 96 Resp: 163756
Ion Ratio Lower Upper
96 100
61 181.2 132.3 198.5
98 61.3 46.8 70.2

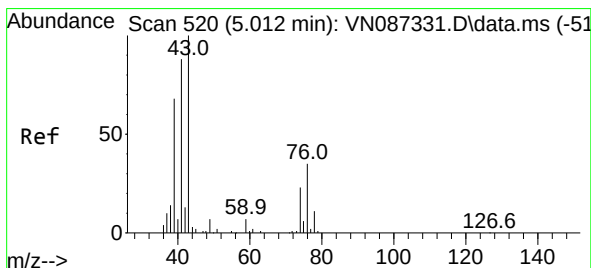
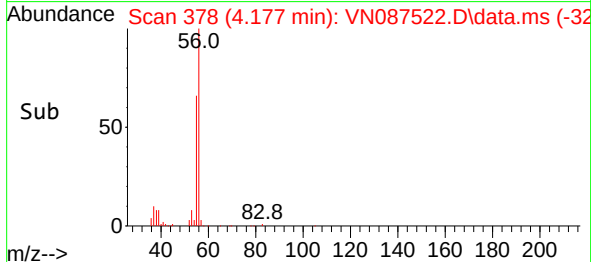
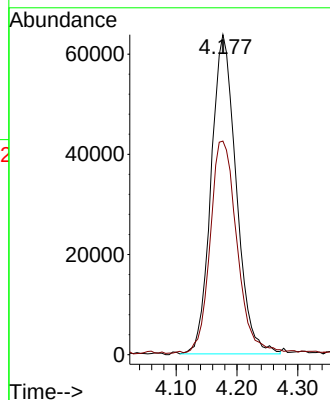
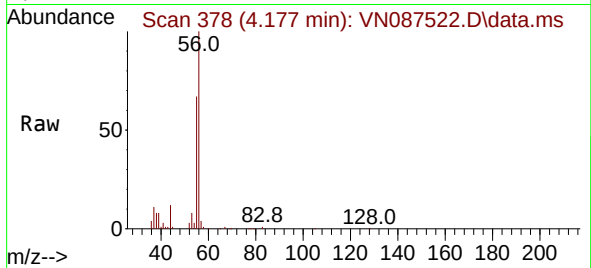




#13
Acrolein
Concen: 259.637 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

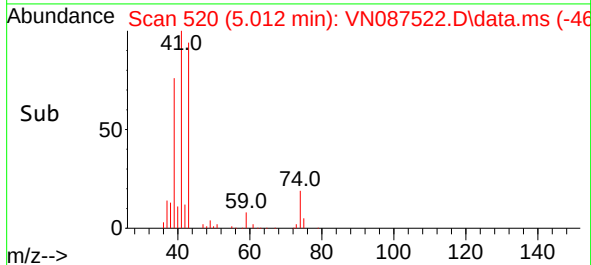
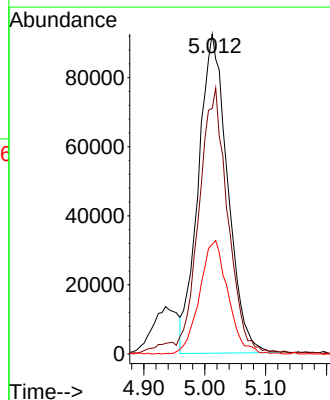
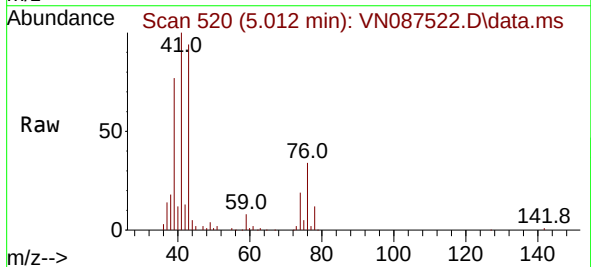
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

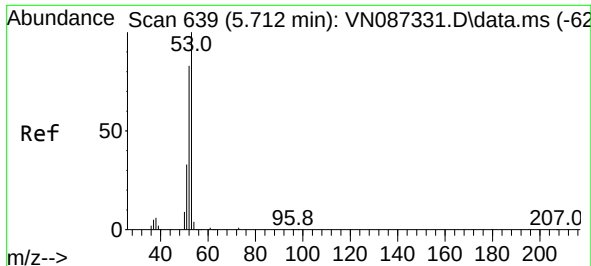
Tgt Ion: 56 Resp: 182533
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.4



#14
Allyl chloride
Concen: 54.935 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 41 Resp: 308640
Ion Ratio Lower Upper
41 100
39 84.7 59.0 88.6
76 34.5 28.7 43.1

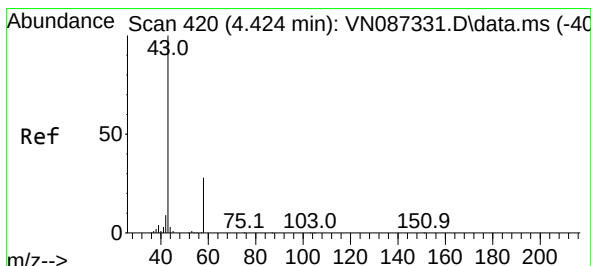
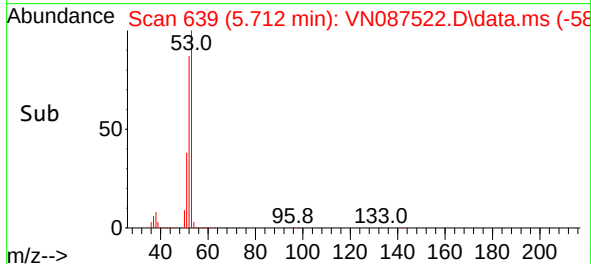
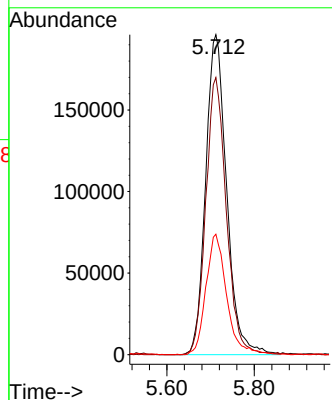
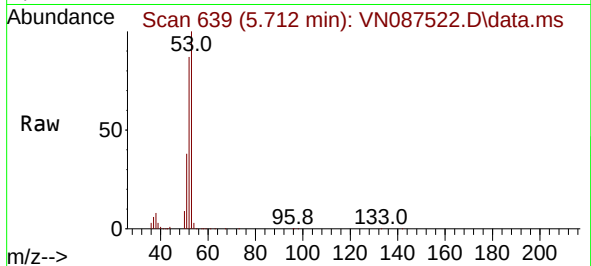




#15
Acrylonitrile
Concen: 275.406 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

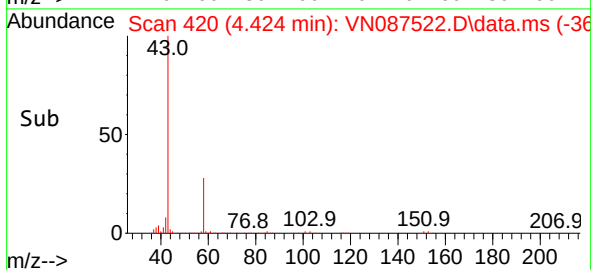
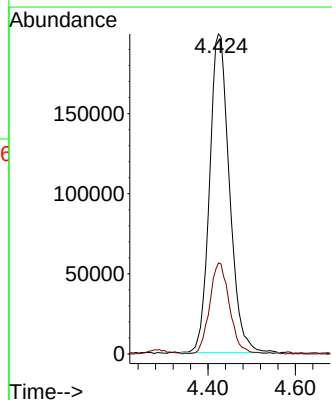
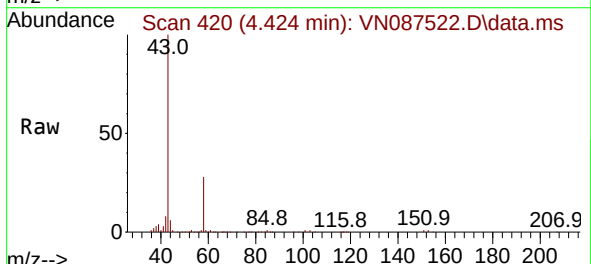
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

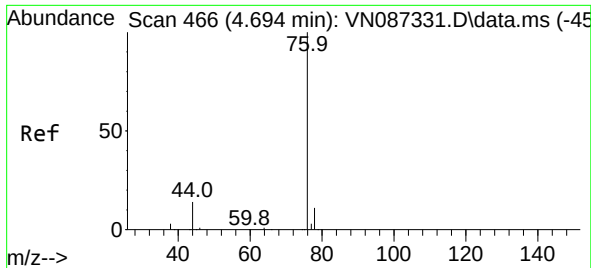
Tgt Ion: 53 Resp: 654692
Ion Ratio Lower Upper
53 100
52 84.8 65.5 98.3
51 37.2 28.7 43.1



#16
Acetone
Concen: 290.610 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 628645
Ion Ratio Lower Upper
43 100
58 28.5 22.3 33.5

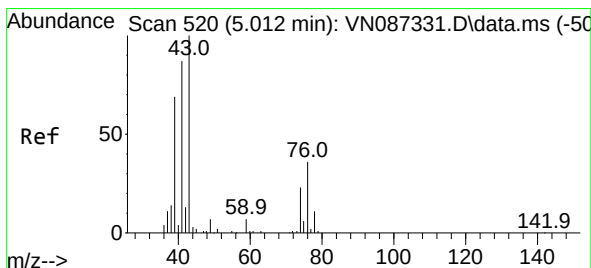
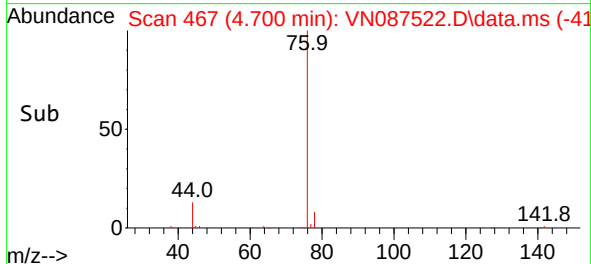
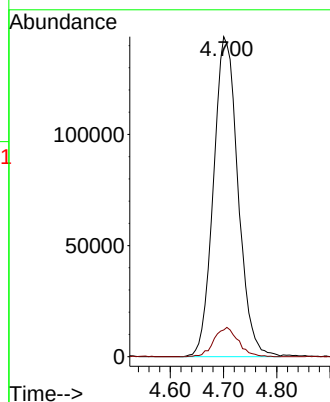
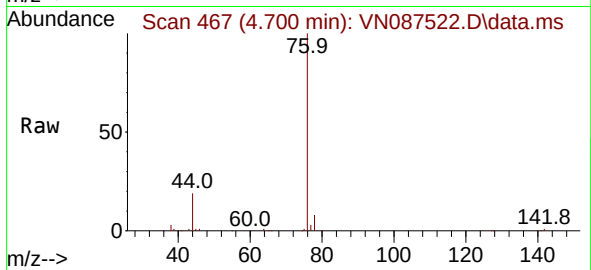




#17
Carbon Disulfide
Concen: 50.101 ug/l
RT: 4.700 min Scan# 466
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

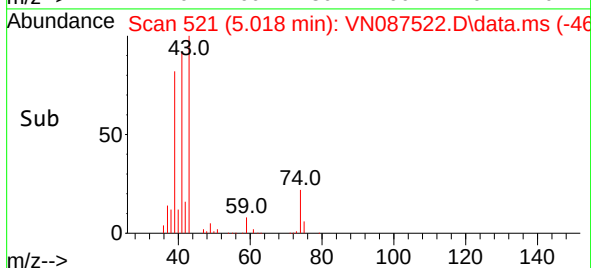
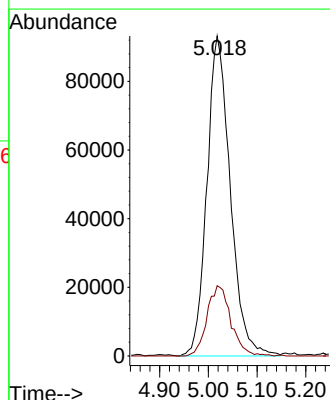
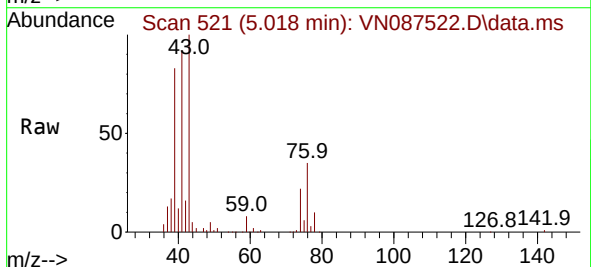
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

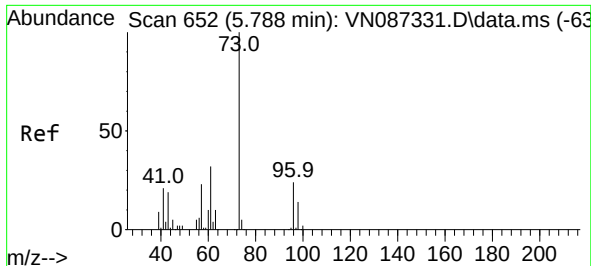
Tgt Ion: 76 Resp: 461128
Ion Ratio Lower Upper
76 100
78 8.4 8.6 13.0#



#18
Methyl Acetate
Concen: 57.123 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 310449
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6

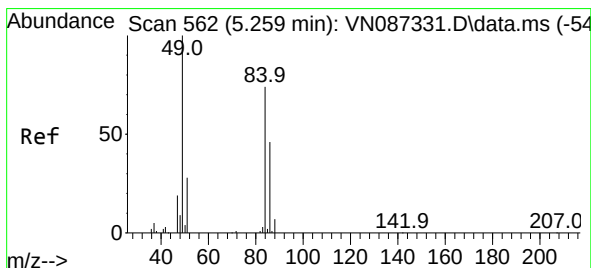
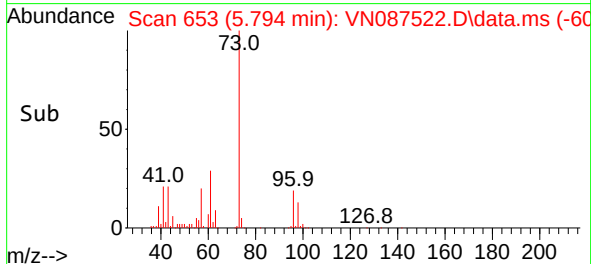
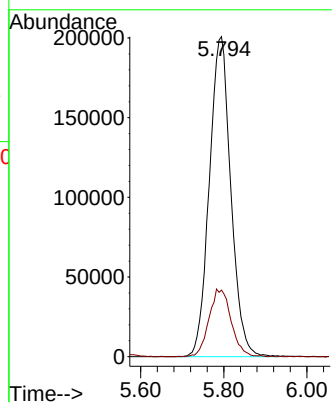
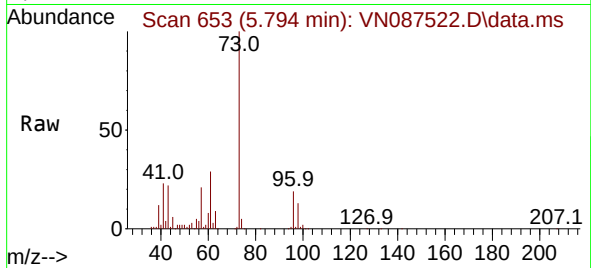




#19
Methyl tert-butyl Ether
Concen: 63.008 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

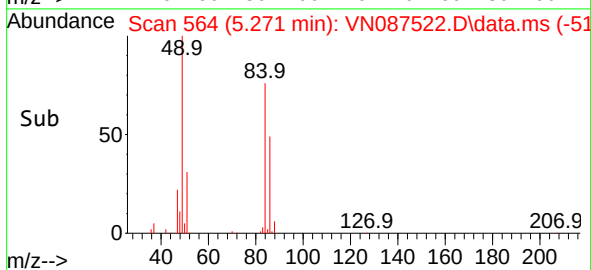
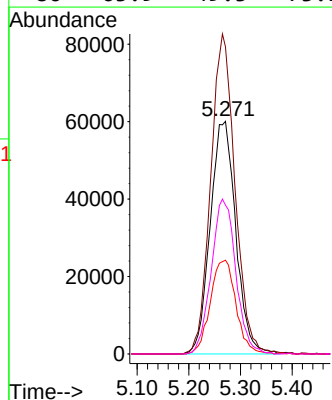
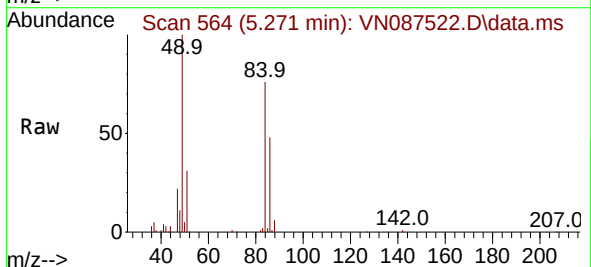
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

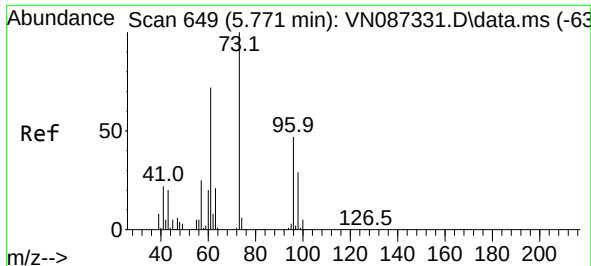
Tgt Ion: 73 Resp: 720986
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 56.550 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 84 Resp: 206485
Ion Ratio Lower Upper
84 100
49 132.0 107.5 161.3
51 40.3 30.2 45.2
86 63.9 49.3 73.9

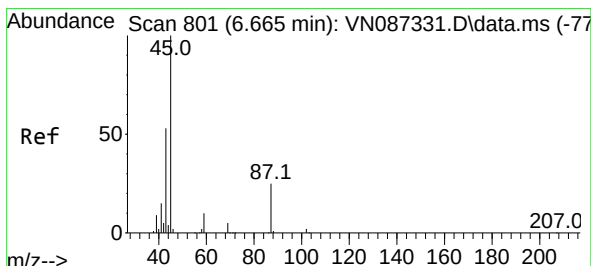
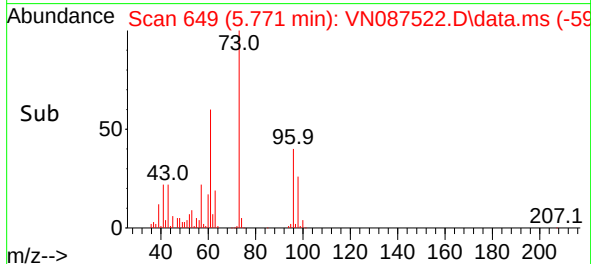
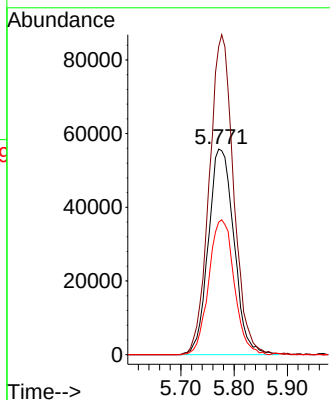
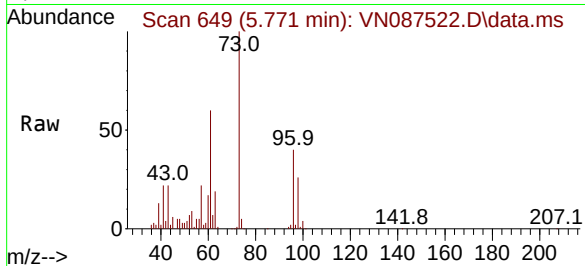




#21
trans-1,2-Dichloroethene
Concen: 53.336 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

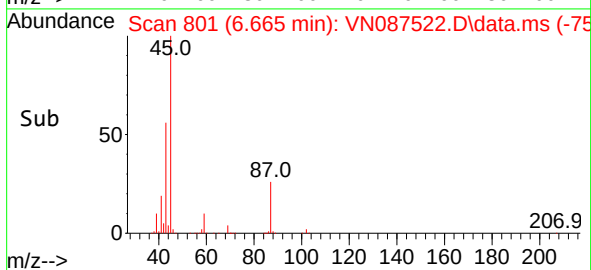
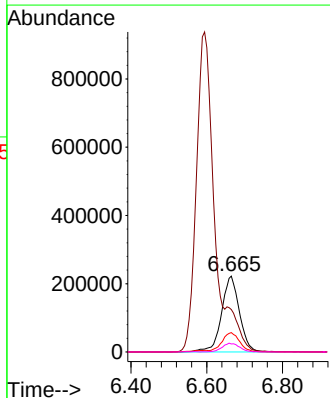
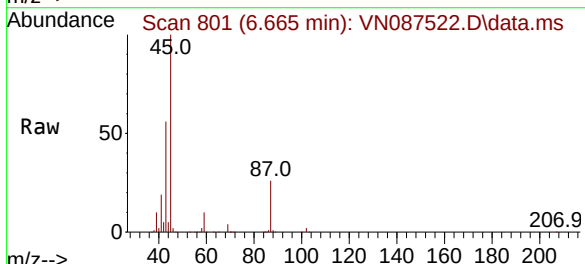
Instrument :
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ClientSampleId :
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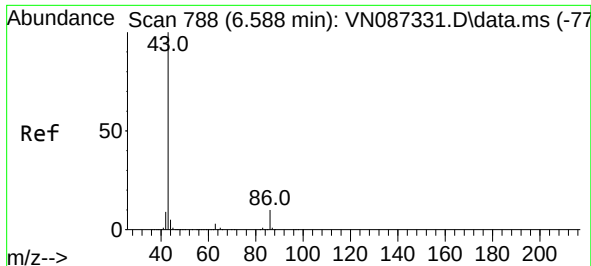
Tgt Ion: 96 Resp: 186699
Ion Ratio Lower Upper
96 100
61 149.8 122.0 183.0
98 64.4 50.0 75.0



#22
Diisopropyl ether
Concen: 61.790 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 45 Resp: 728197
Ion Ratio Lower Upper
45 100
43 55.5 42.8 64.2
87 25.4 19.8 29.6
59 10.5 8.3 12.5

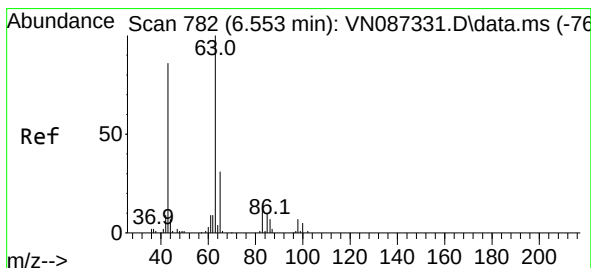
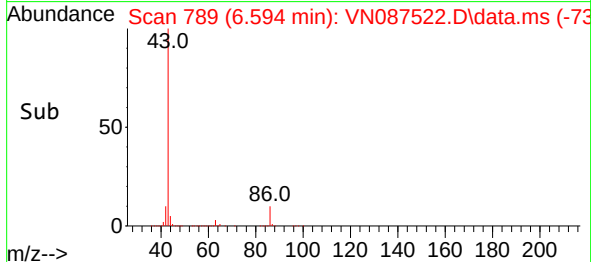
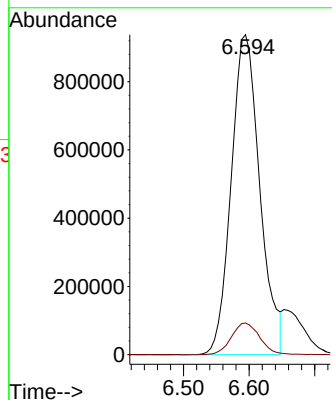
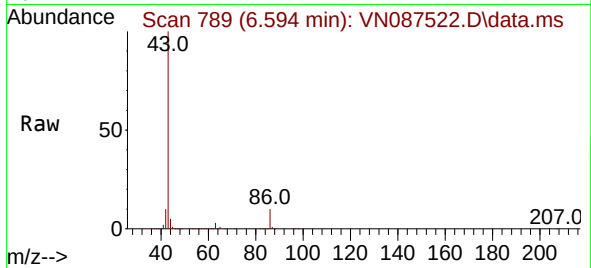




#23
 Vinyl Acetate
 Concen: 276.617 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

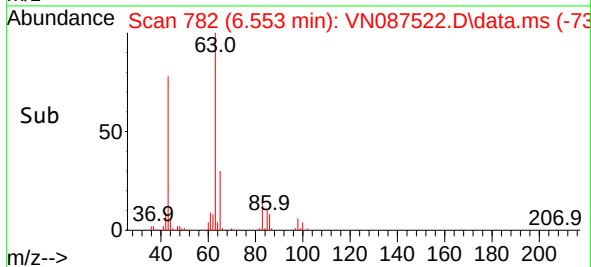
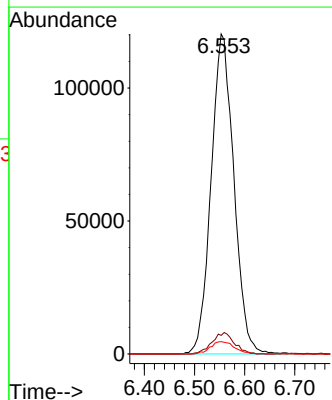
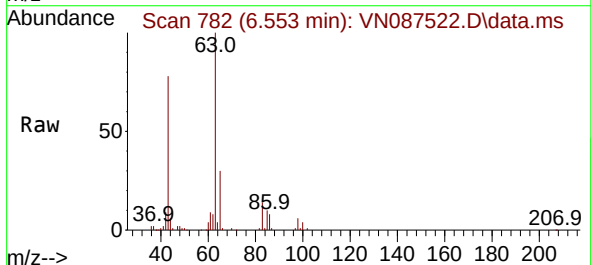
Instrument :
 MSVOA_N
 ClientSampleId :
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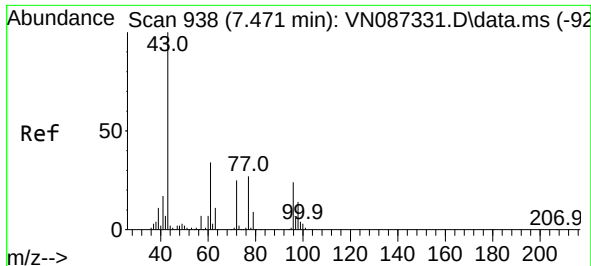
Tgt Ion: 43 Resp: 2851108
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 55.787 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Tgt Ion: 63 Resp: 379298
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.9 2.5 7.4

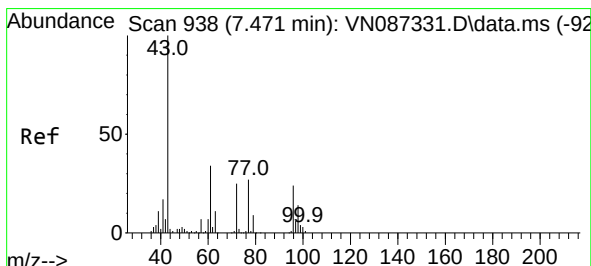
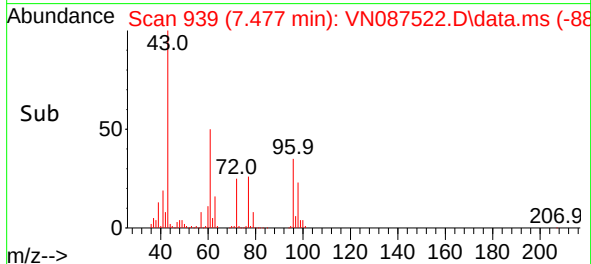
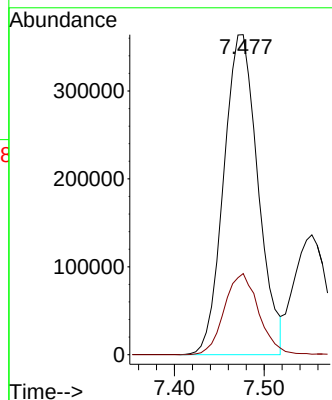
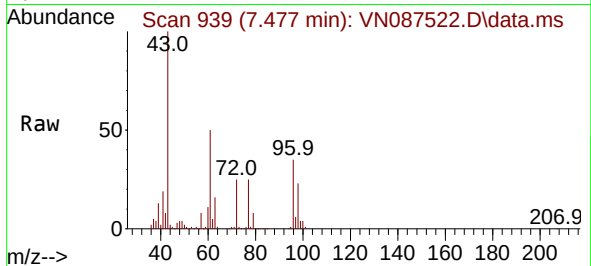




#25
2-Butanone
Concen: 289.416 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

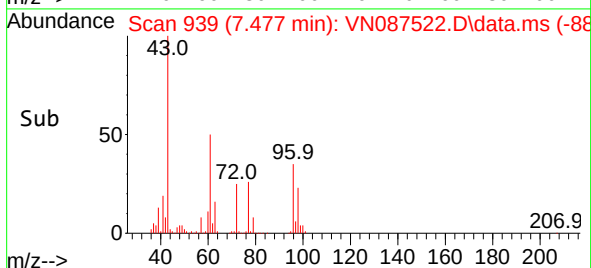
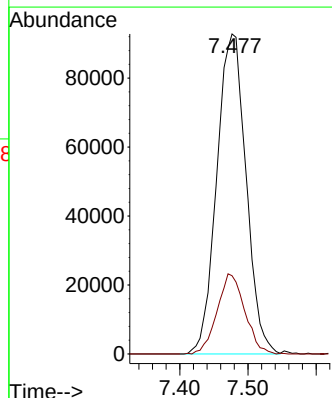
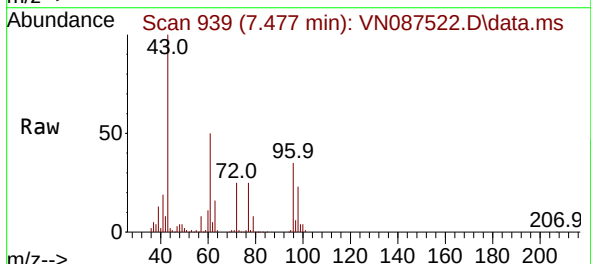
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

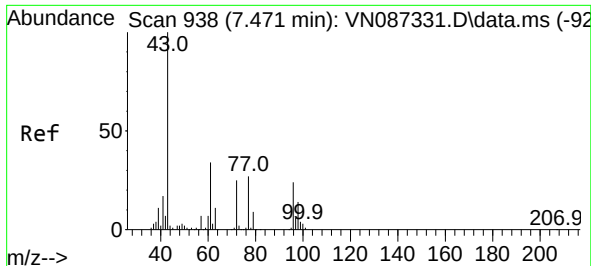
Tgt Ion: 43 Resp: 967327
Ion Ratio Lower Upper
43 100
72 25.3 19.6 29.4



#26
2,2-Dichloropropane
Concen: 52.479 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 77 Resp: 277411
Ion Ratio Lower Upper
77 100
97 23.6 11.1 33.1

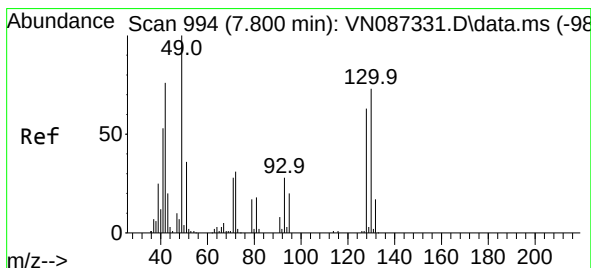
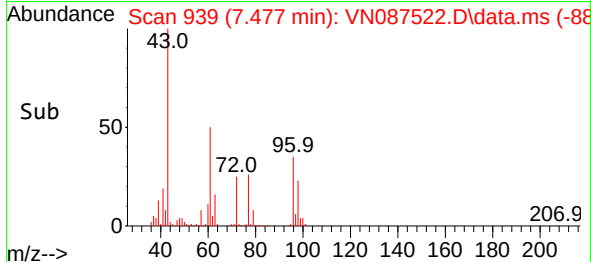
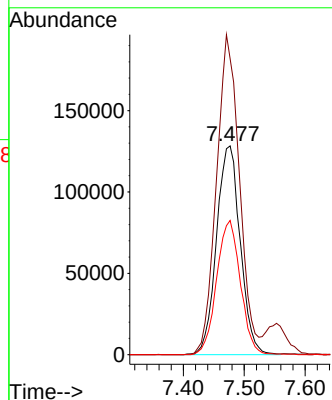
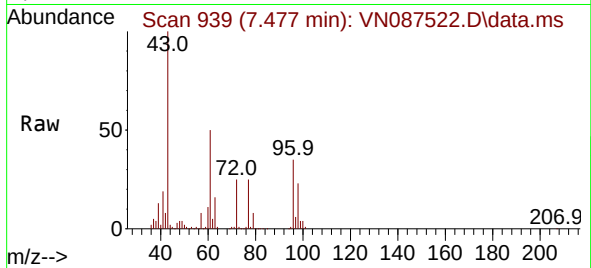




#27
 cis-1,2-Dichloroethene
 Concen: 86.252 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

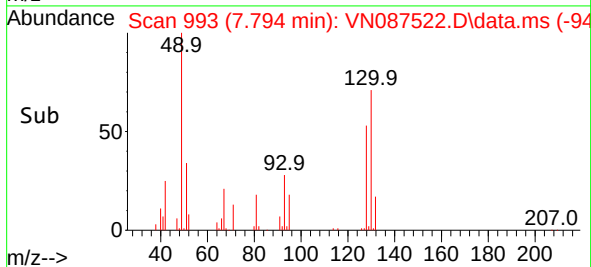
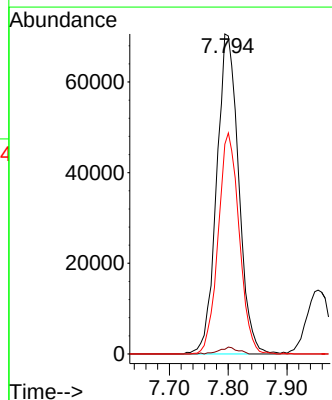
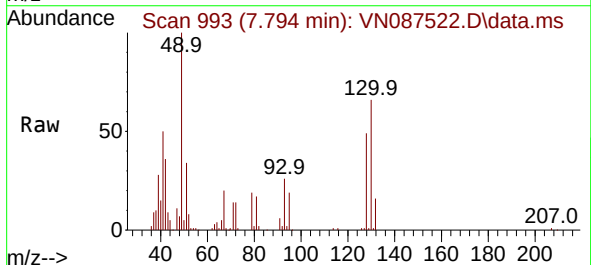
Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MSD

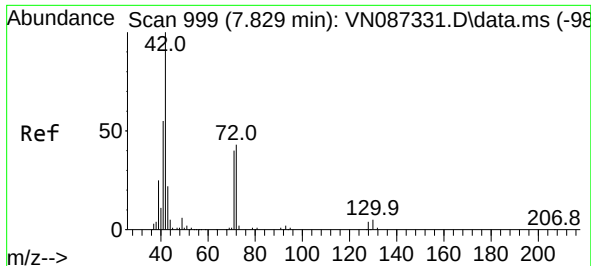
Tgt Ion: 96 Resp: 347600
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 297.8
 98 64.2 0.0 132.4



#28
 Bromochloromethane
 Concen: 56.409 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Tgt Ion: 49 Resp: 183551
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 65.9 57.3 85.9





#29

Tetrahydrofuran

Concen: 294.487 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

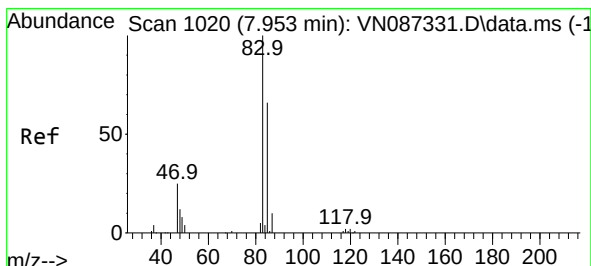
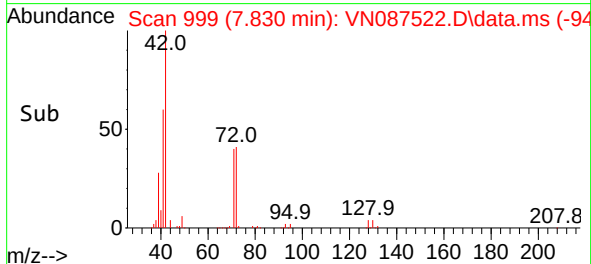
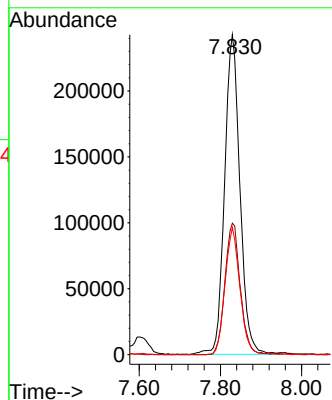
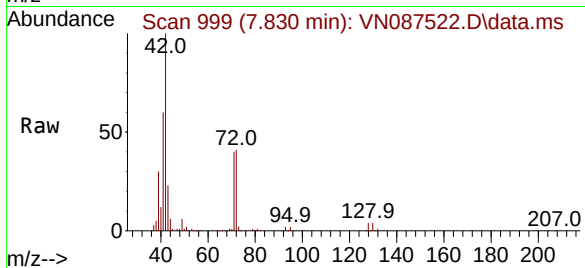
Tgt Ion: 42 Resp: 639413

Ion Ratio Lower Upper

42 100

72 41.1 33.4 50.0

71 38.6 31.2 46.8



#30

Chloroform

Concen: 58.587 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087522.D

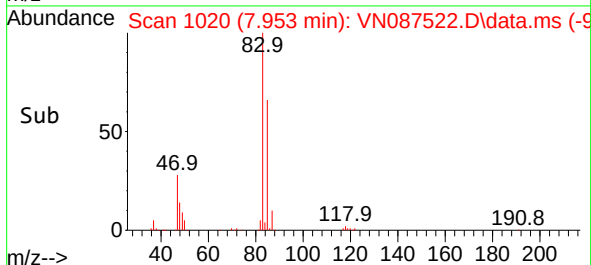
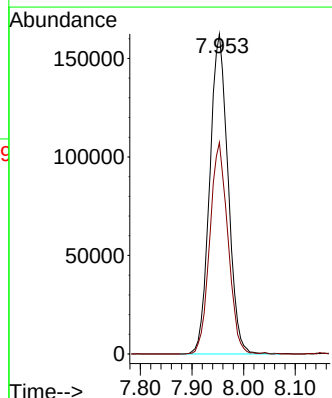
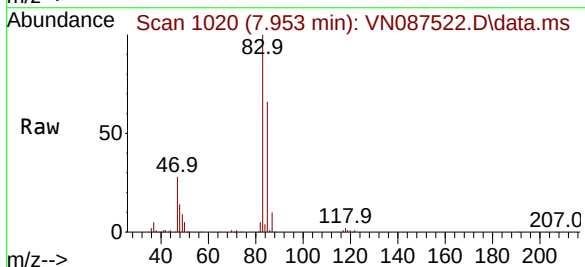
Acq: 12 Aug 2025 18:02

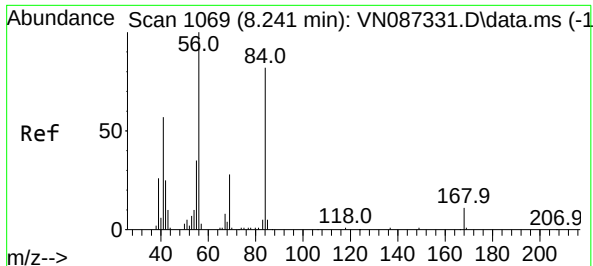
Tgt Ion: 83 Resp: 398704

Ion Ratio Lower Upper

83 100

85 66.1 52.7 79.1

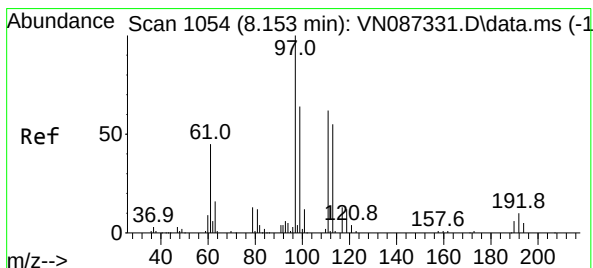
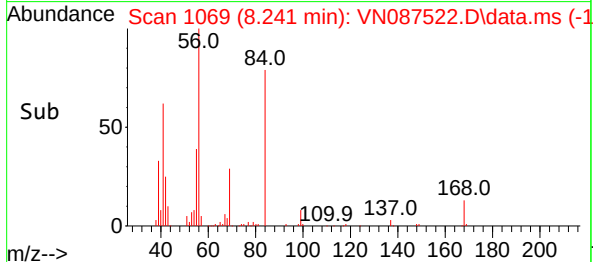
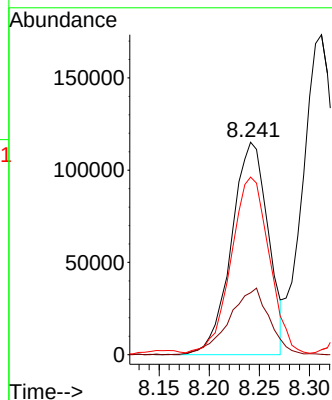
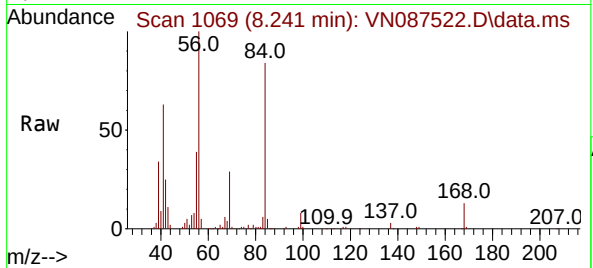




#31
Cyclohexane
Concen: 51.698 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

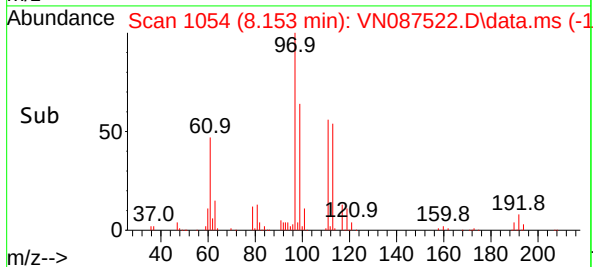
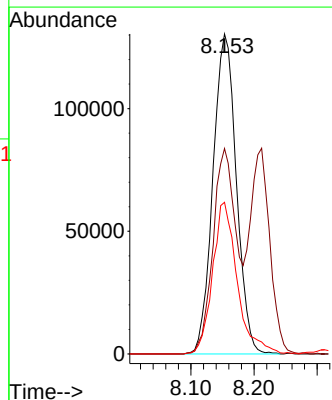
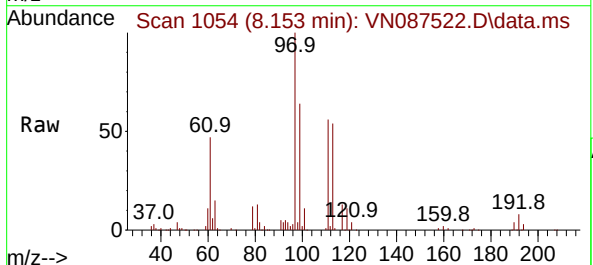
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

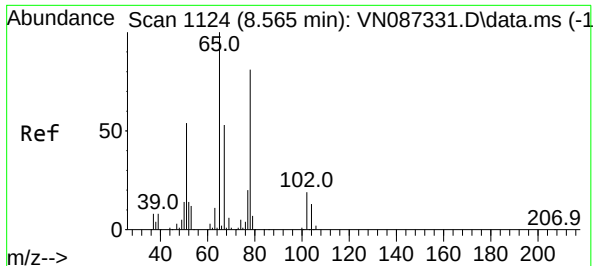
Tgt Ion:	56	Resp:	293225
Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.7	34.1
84	82.4	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 56.900 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:	97	Resp:	335384
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	49.8	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 53.309 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

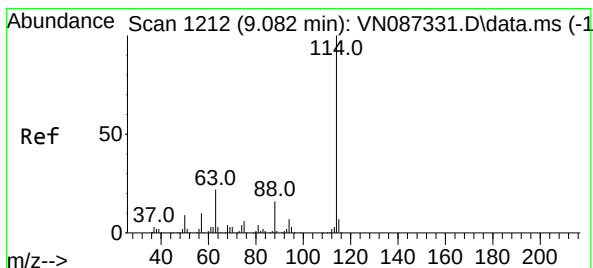
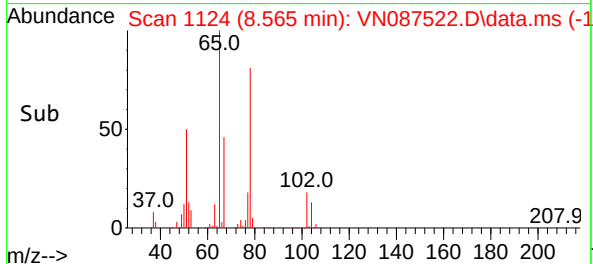
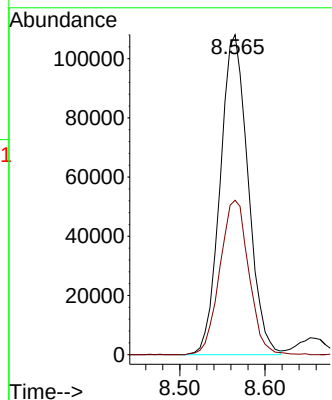
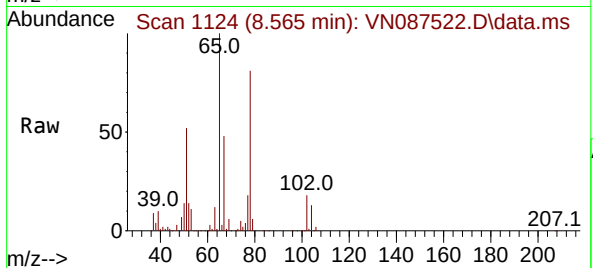
1056-MW-02(23.8)MSD

Tgt Ion: 65 Resp: 245947

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

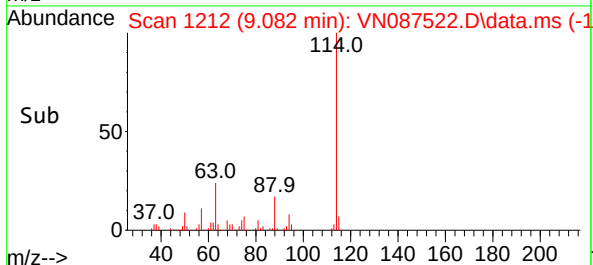
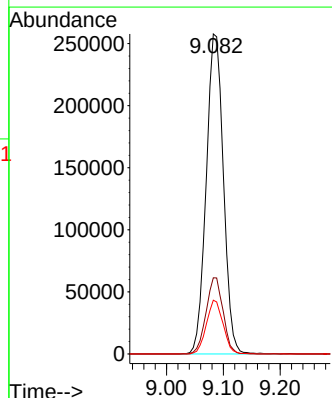
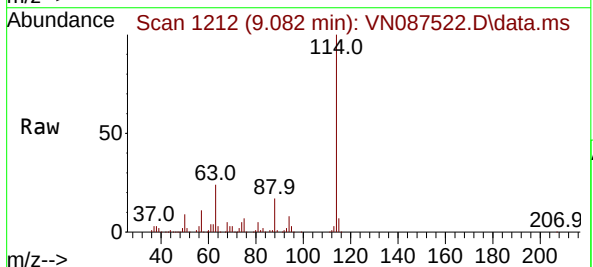
Tgt Ion: 114 Resp: 540888

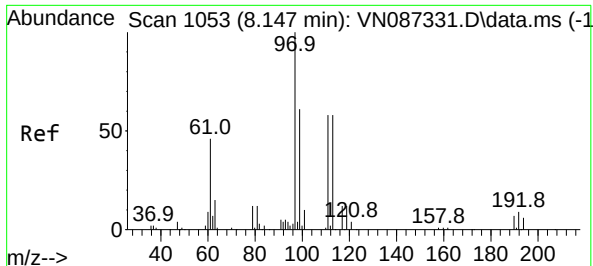
Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.6

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.806 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

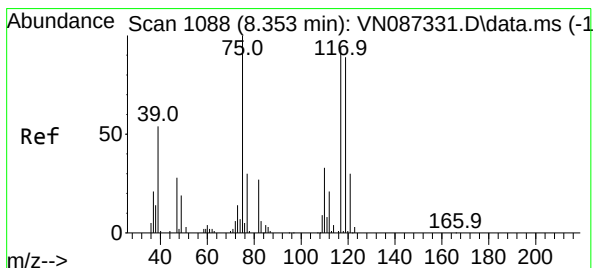
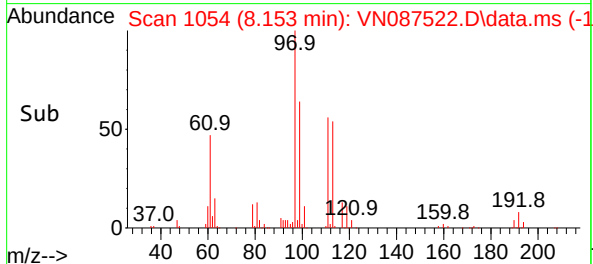
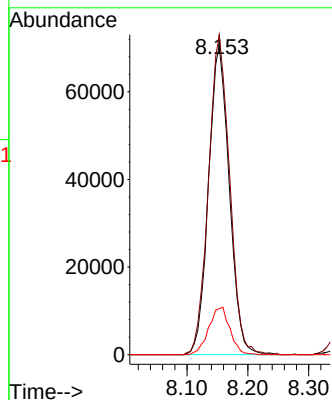
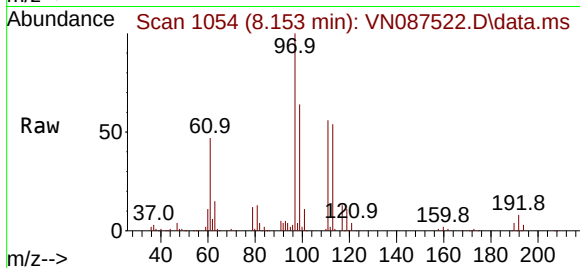
Tgt Ion:113 Resp: 167175

Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 15.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 51.695 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

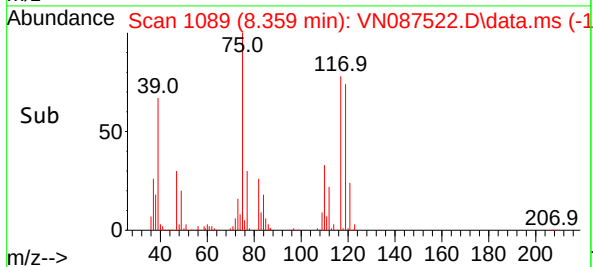
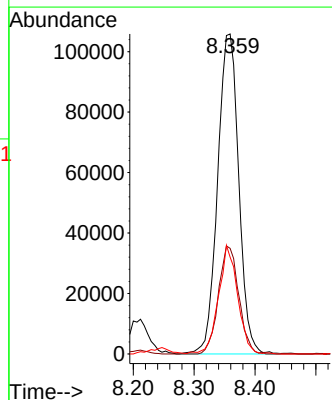
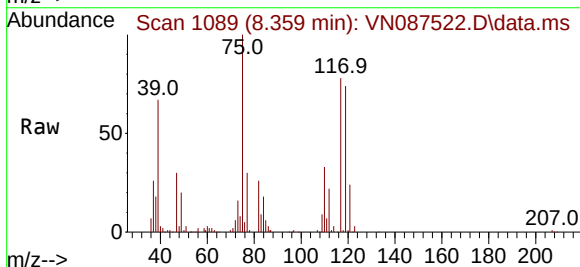
Tgt Ion: 75 Resp: 254821

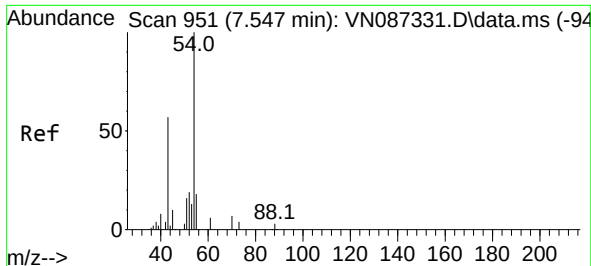
Ion Ratio Lower Upper

75 100

110 32.4 16.7 50.1

77 30.4 25.2 37.8

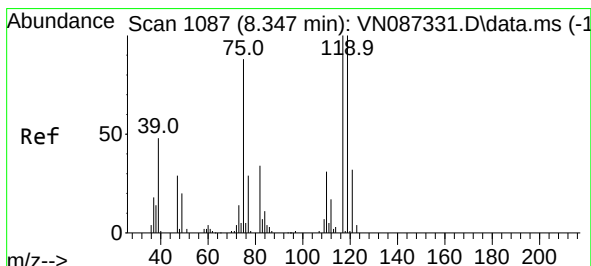
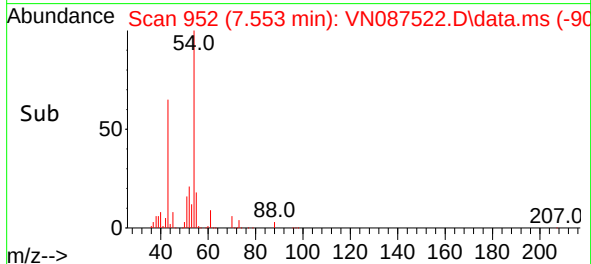
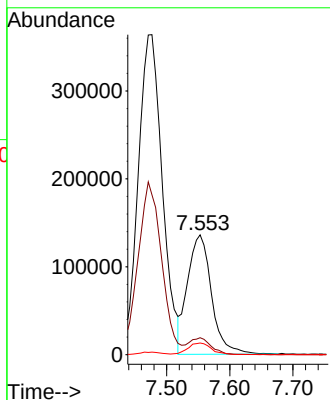
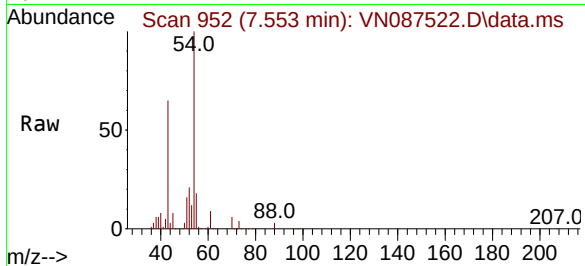




#37
Ethyl Acetate
Concen: 50.491 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

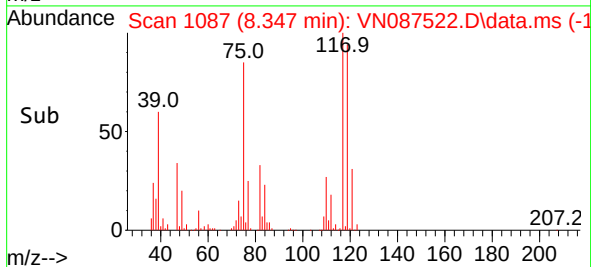
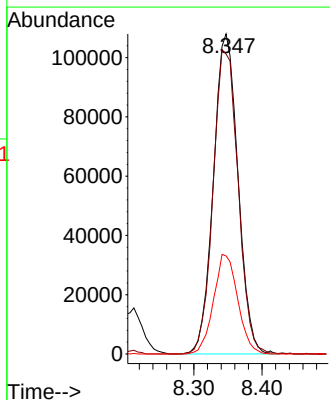
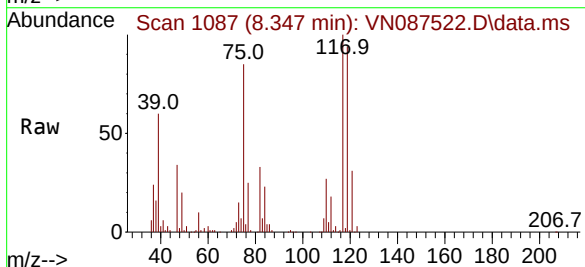
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

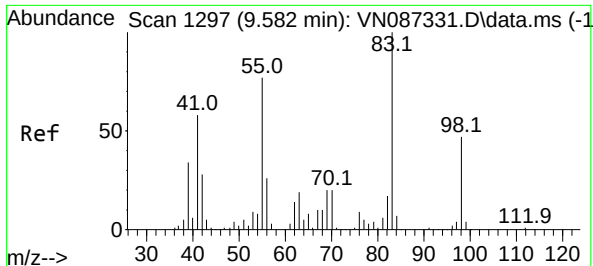
Tgt Ion: 43 Resp: 359453
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.4 7.4 11.0



#38
Carbon Tetrachloride
Concen: 49.824 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 117 Resp: 270552
Ion Ratio Lower Upper
117 100
119 93.7 80.2 120.2
121 30.7 25.4 38.2





#39

Methylcyclohexane

Concen: 53.185 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

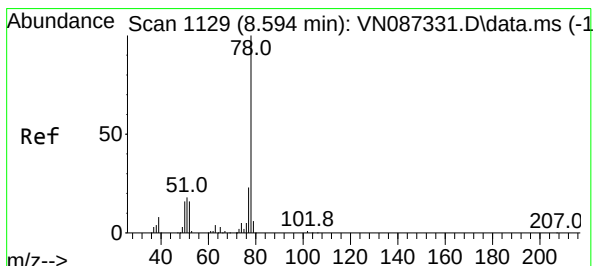
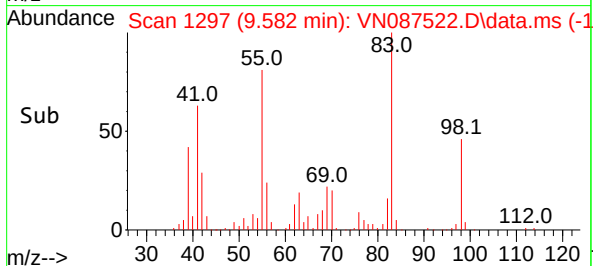
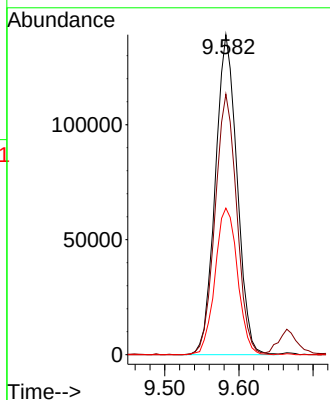
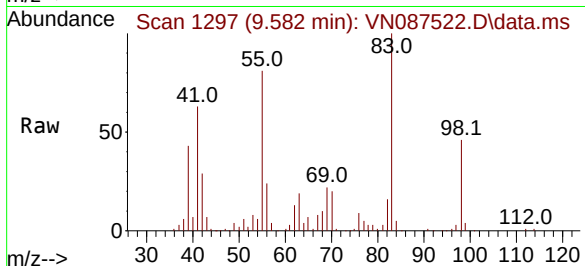
Tgt Ion: 83 Resp: 283837

Ion Ratio Lower Upper

83 100

55 81.4 61.3 91.9

98 45.8 37.9 56.9



#40

Benzene

Concen: 51.826 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087522.D

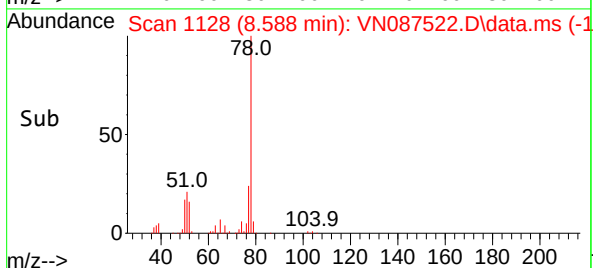
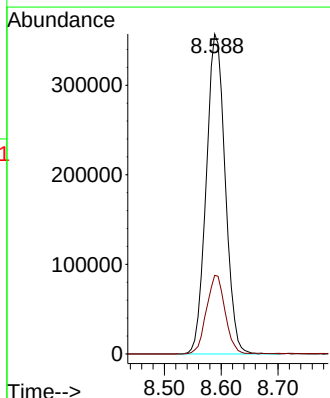
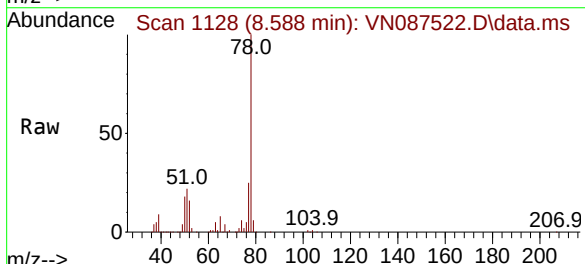
Acq: 12 Aug 2025 18:02

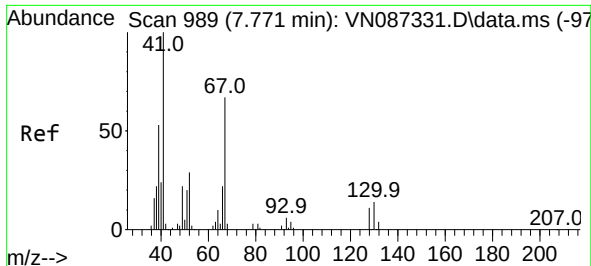
Tgt Ion: 78 Resp: 825674

Ion Ratio Lower Upper

78 100

77 24.5 18.2 27.2

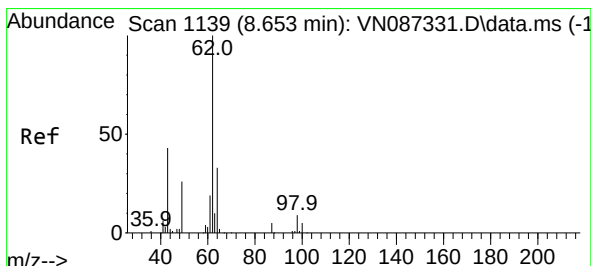
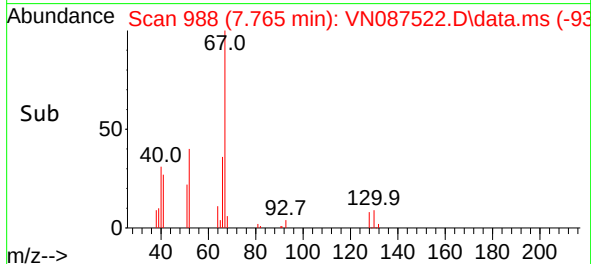
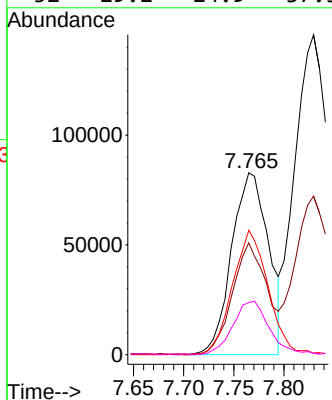
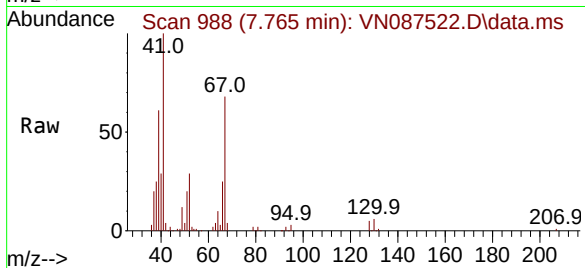




#41
Methacrylonitrile
Concen: 57.101 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

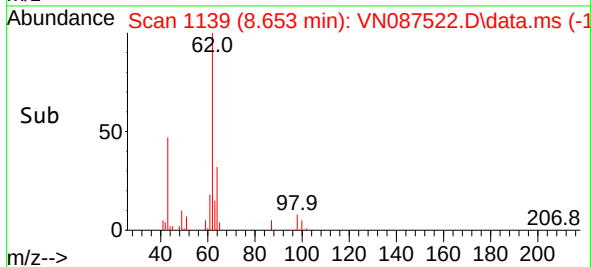
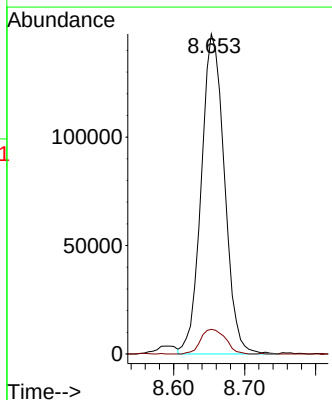
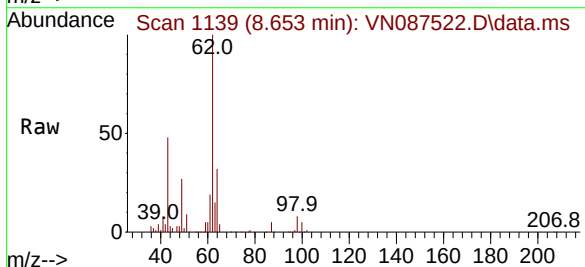
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

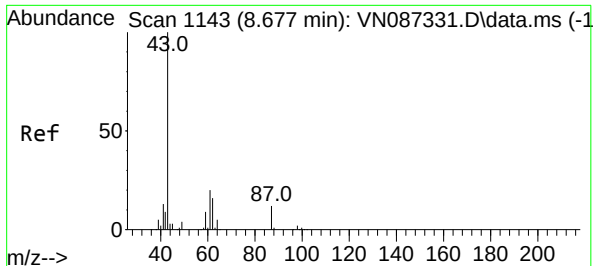
Tgt Ion:	41	Resp:	212559
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.4	65.0
67	66.2	55.1	82.7
52	29.2	24.9	37.3



#42
1,2-Dichloroethane
Concen: 55.386 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:	62	Resp:	334621
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 55.285 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

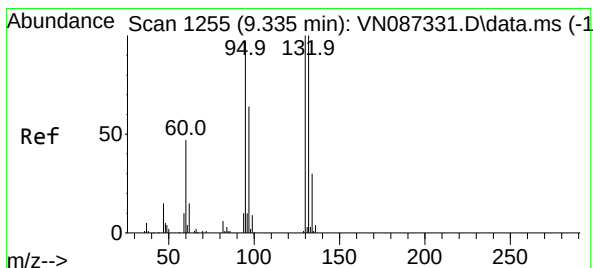
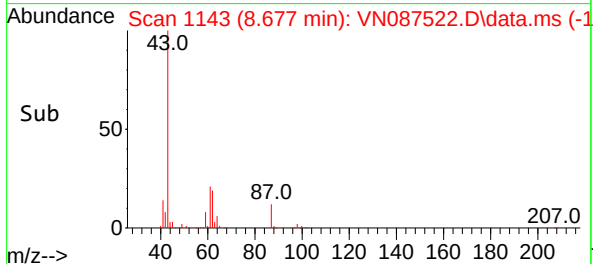
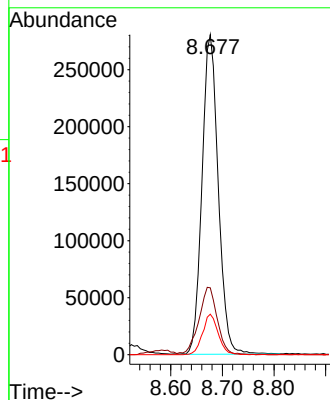
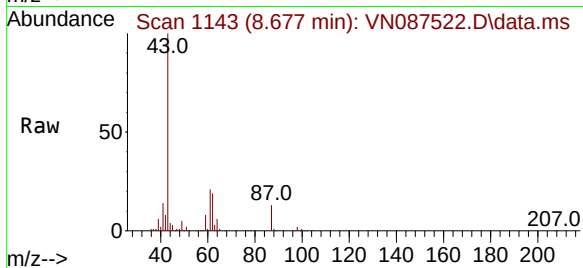
Tgt Ion: 43 Resp: 610974

Ion Ratio Lower Upper

43 100

61 24.0 19.8 29.8

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 76.448 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087522.D

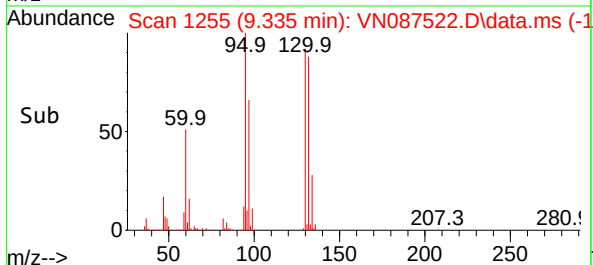
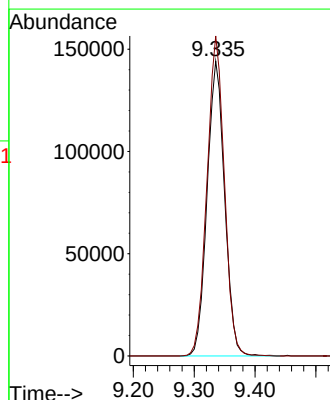
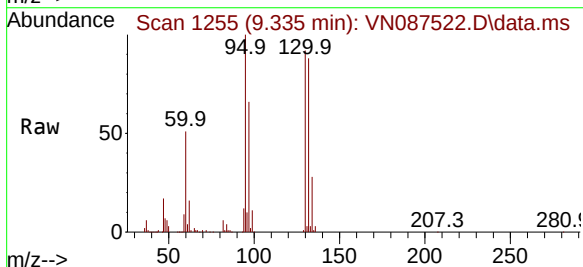
Acq: 12 Aug 2025 18:02

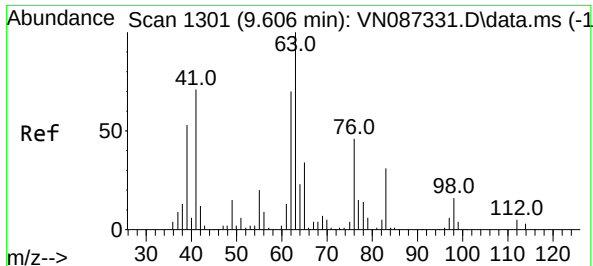
Tgt Ion:130 Resp: 287786

Ion Ratio Lower Upper

130 100

95 108.5 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.112 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

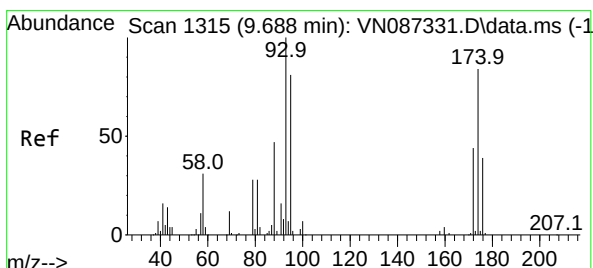
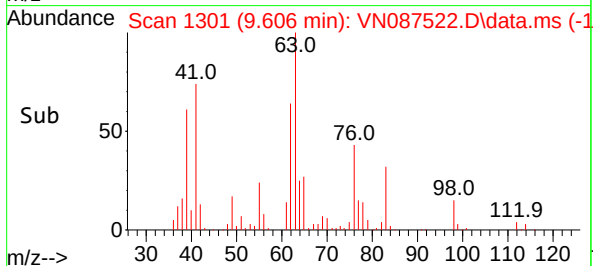
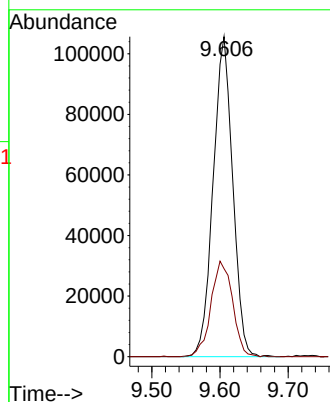
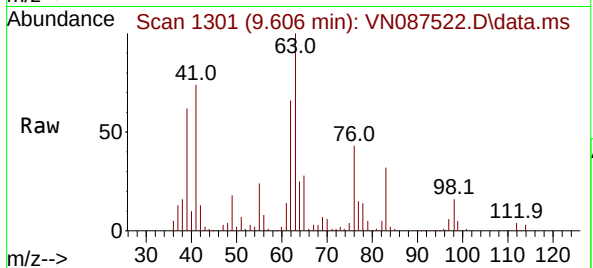
1056-MW-02(23.8)MSD

Tgt Ion: 63 Resp: 210953

Ion Ratio Lower Upper

63 100

65 27.5 27.0 40.4



#46

Dibromomethane

Concen: 52.862 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

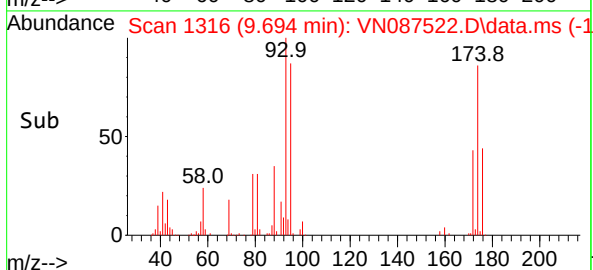
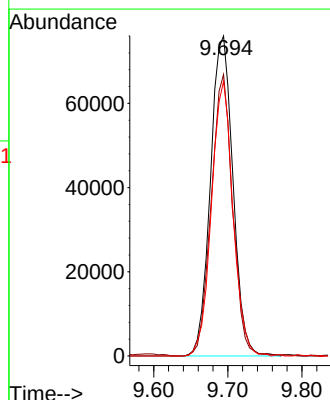
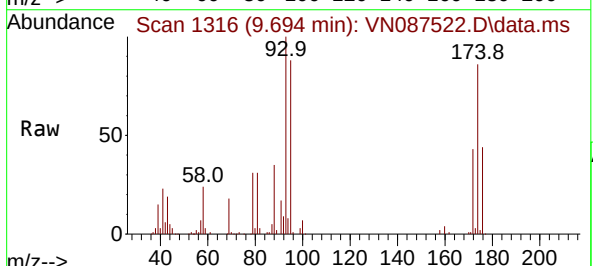
Tgt Ion: 93 Resp: 160220

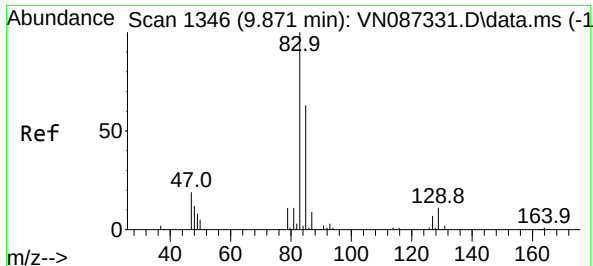
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 82.0 69.9 104.9

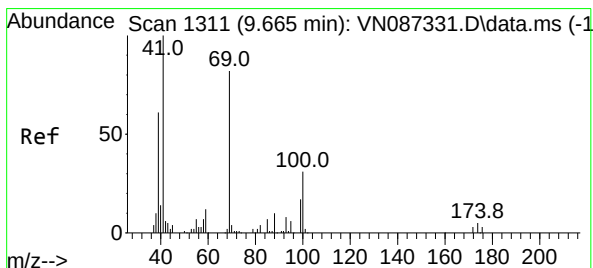
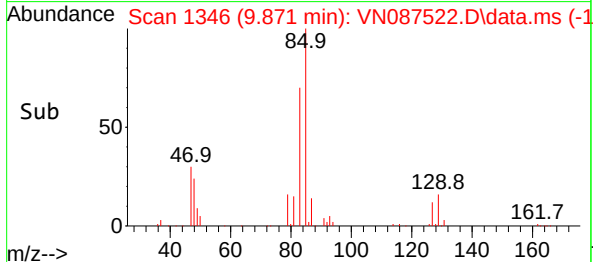
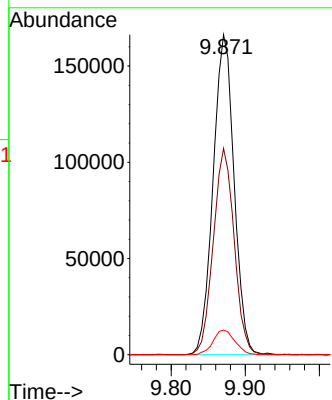
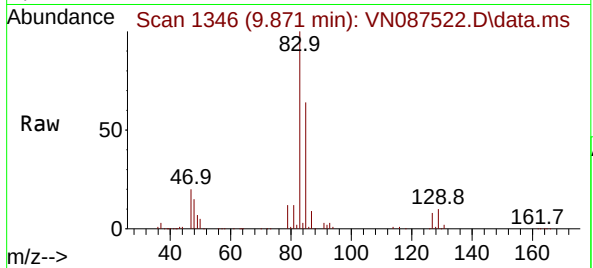




#47
Bromodichloromethane
Concen: 53.547 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

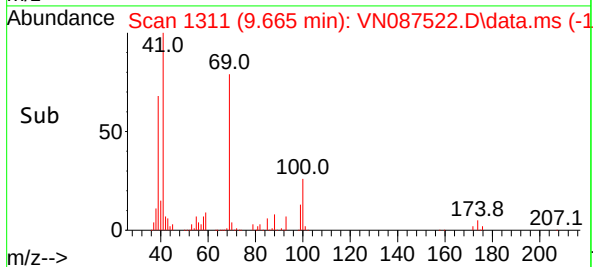
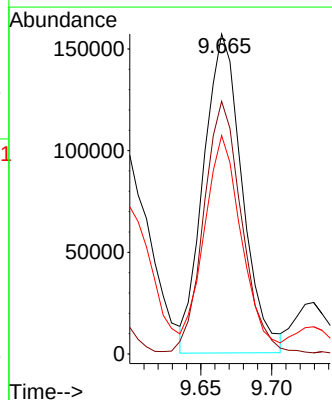
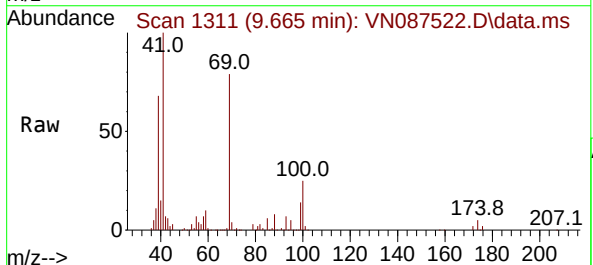
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

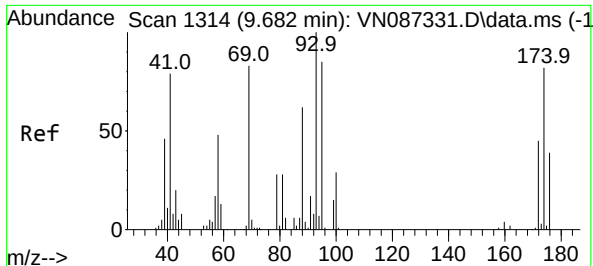
Tgt Ion: 83 Resp: 326905
Ion Ratio Lower Upper
83 100
85 64.5 50.4 75.6
127 7.7 5.8 8.8



#48
Methyl methacrylate
Concen: 59.708 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 41 Resp: 297061
Ion Ratio Lower Upper
41 100
69 77.4 64.1 96.1
39 66.8 45.5 68.3





#49

1,4-Dioxane

Concen: 1063.455 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

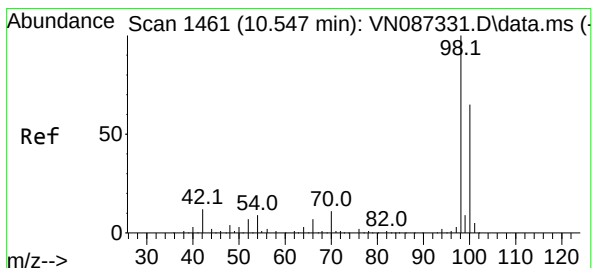
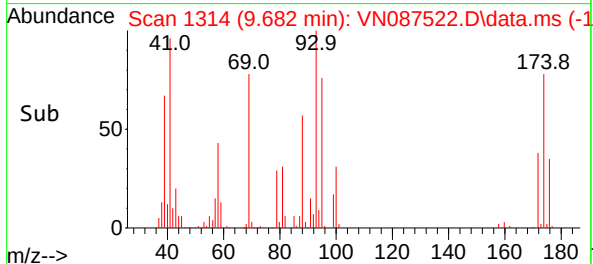
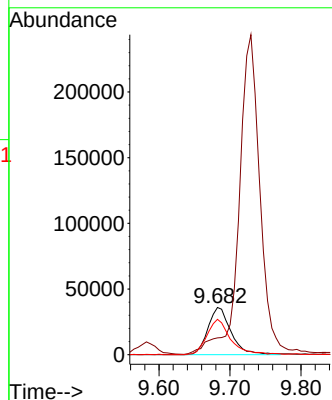
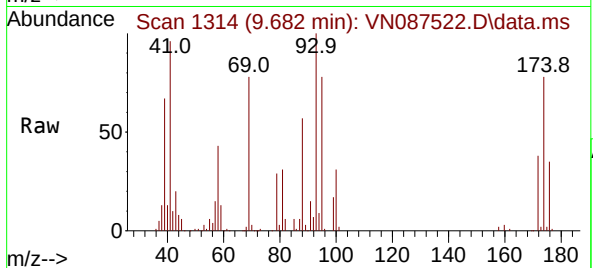
Tgt Ion: 88 Resp: 81036

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.0 61.1 91.7



#50

Toluene-d8

Concen: 46.034 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087522.D

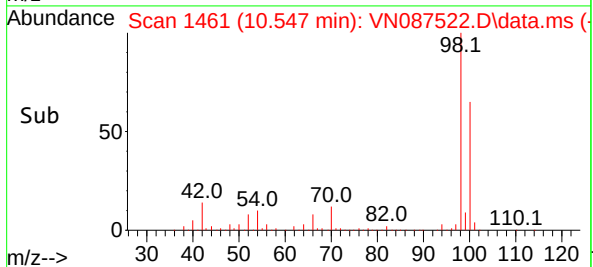
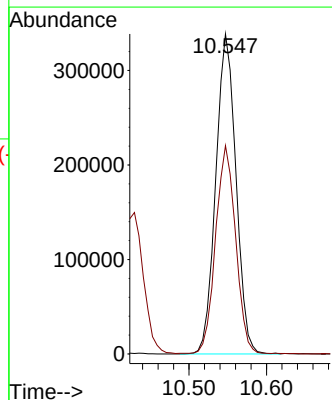
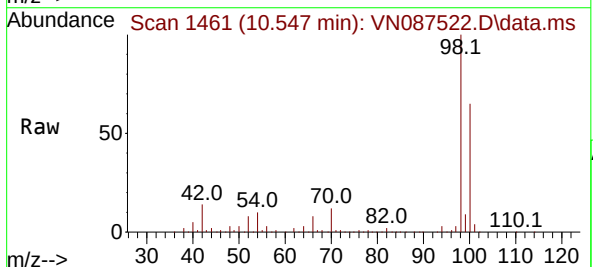
Acq: 12 Aug 2025 18:02

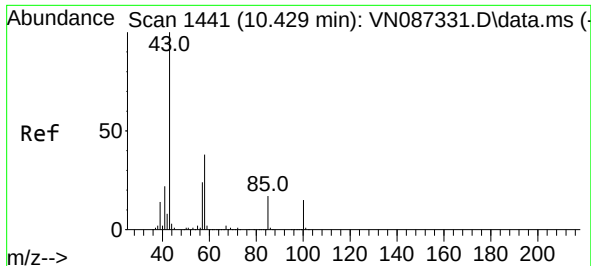
Tgt Ion: 98 Resp: 612676

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

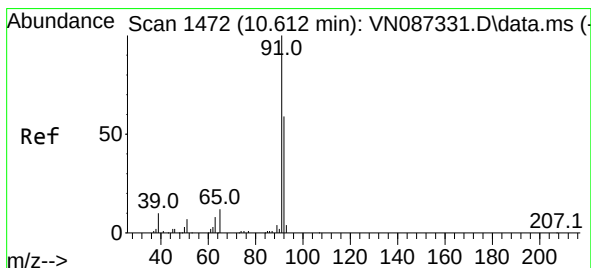
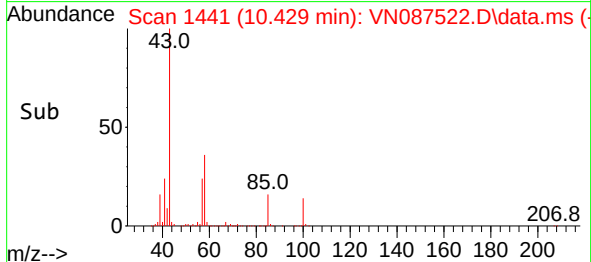
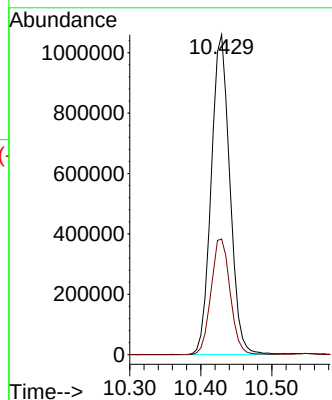
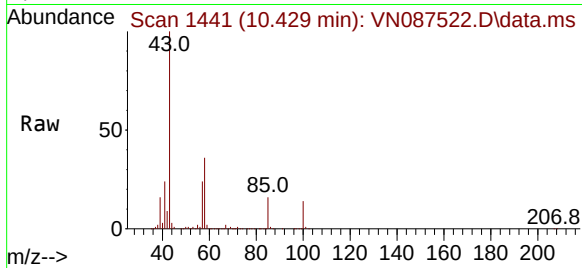




#51
4-Methyl-2-Pentanone
Concen: 276.206 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

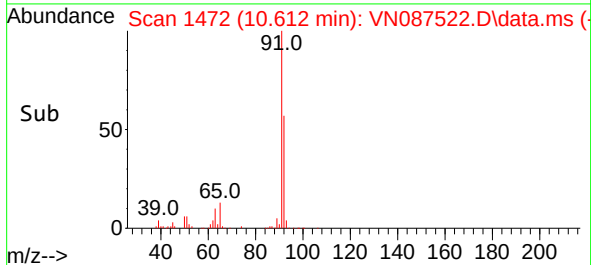
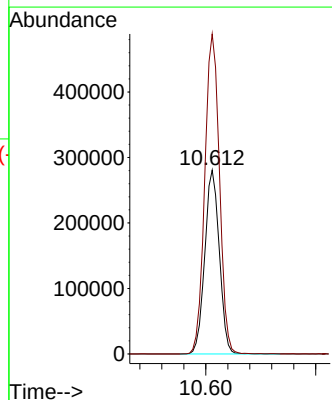
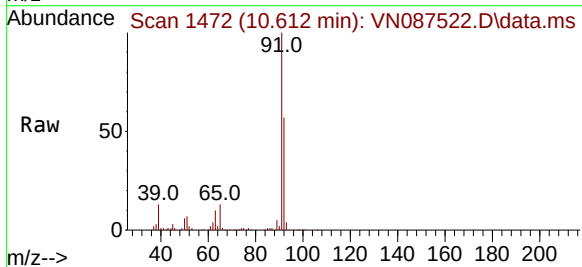
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

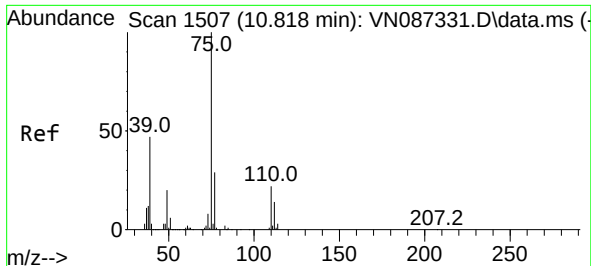
Tgt Ion: 43 Resp: 1930608
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2



#52
Toluene
Concen: 53.172 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 92 Resp: 514896
Ion Ratio Lower Upper
92 100
91 175.8 135.1 202.7

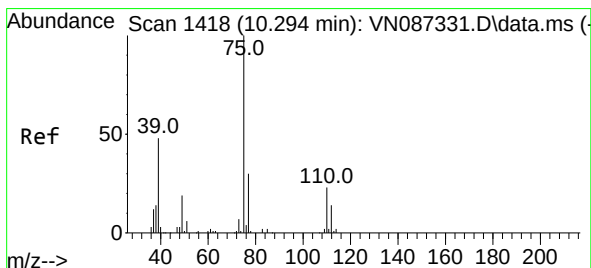
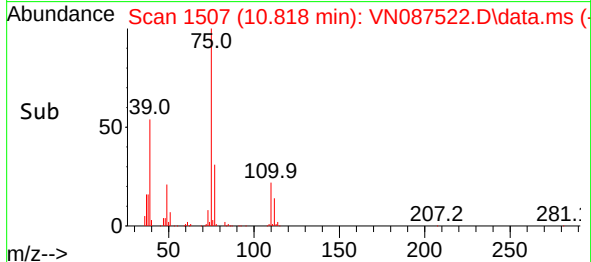
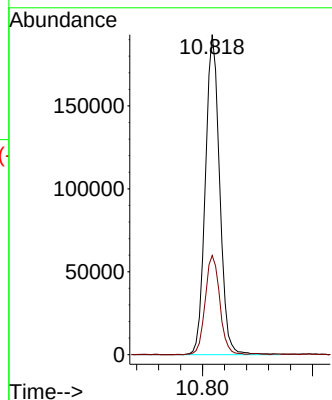
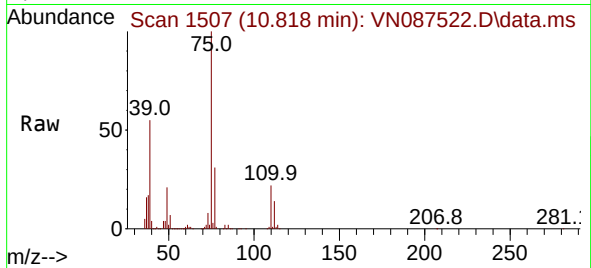




#53
t-1,3-Dichloropropene
Concen: 56.313 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

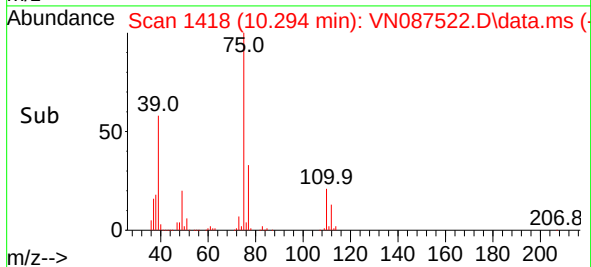
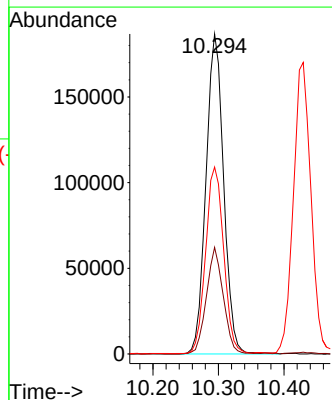
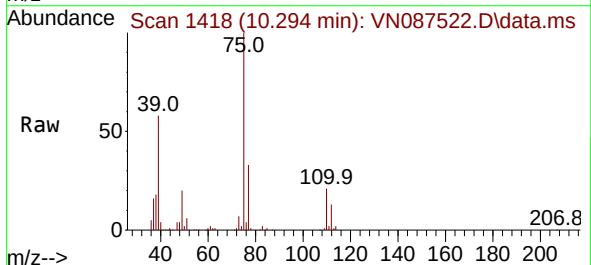
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

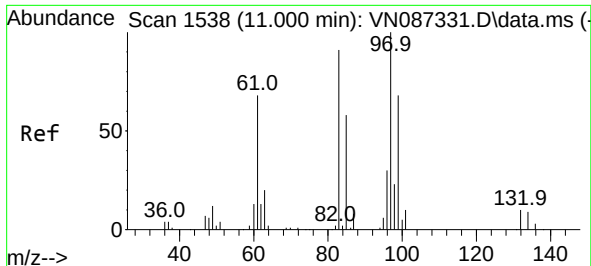
Tgt Ion: 75 Resp: 347935
Ion Ratio Lower Upper
75 100
77 30.9 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 54.843 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 350017
Ion Ratio Lower Upper
75 100
77 33.3 24.2 36.2
39 58.0 38.4 57.6#



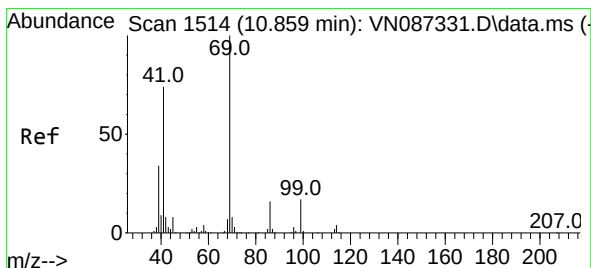
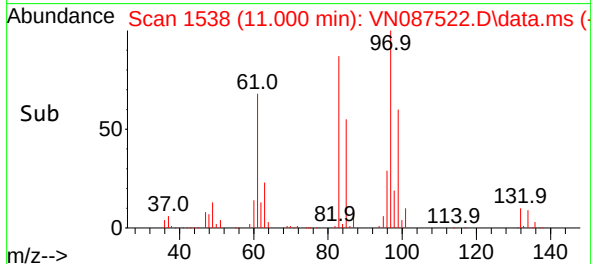
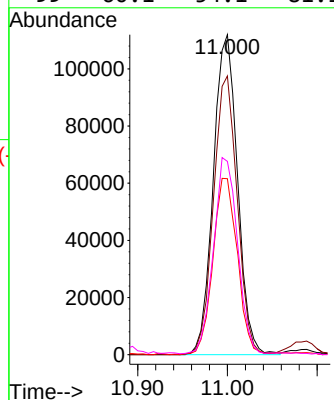
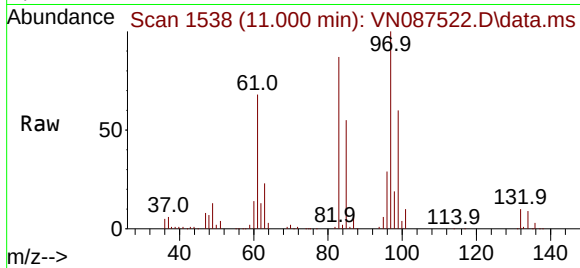


#55
 1,1,2-Trichloroethane
 Concen: 53.525 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. -0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MSD

Tgt Ion: 97 Resp: 209842

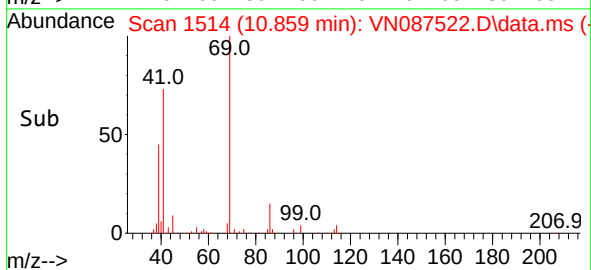
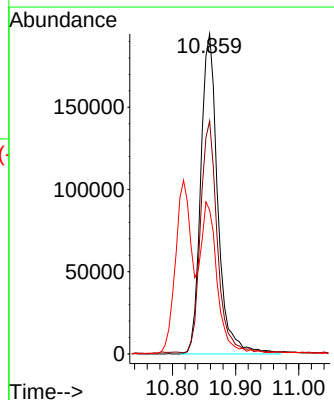
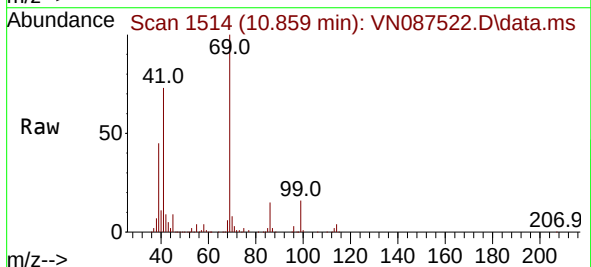
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.6	109.0
85	55.0	46.7	70.1
99	60.1	54.1	81.1

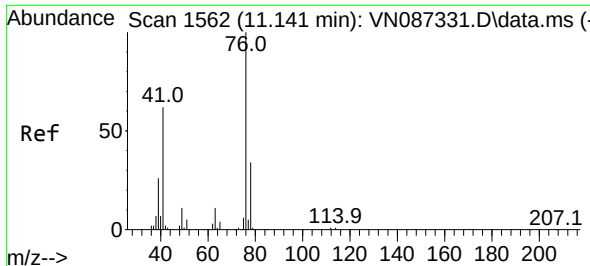


#56
 Ethyl methacrylate
 Concen: 55.058 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Tgt Ion: 69 Resp: 364520

Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.1	82.7
39	46.6	27.9	41.9





#57

1,3-Dichloropropane

Concen: 54.544 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

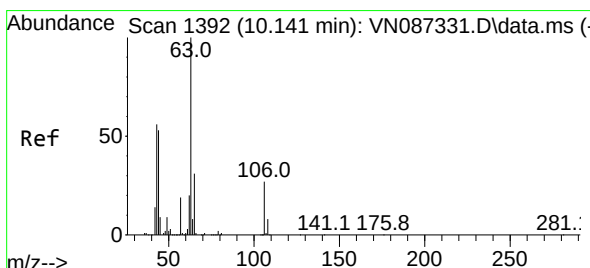
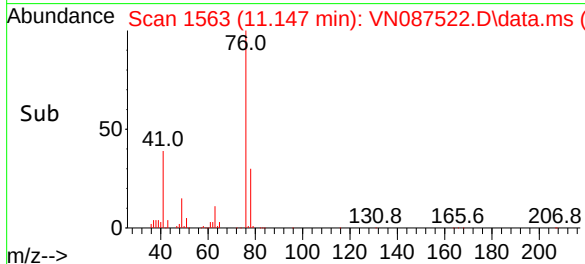
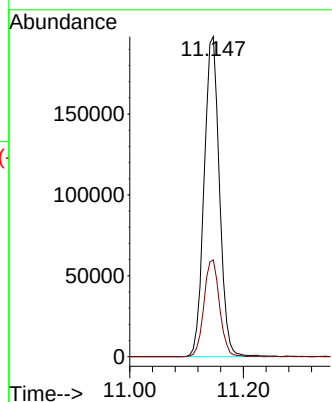
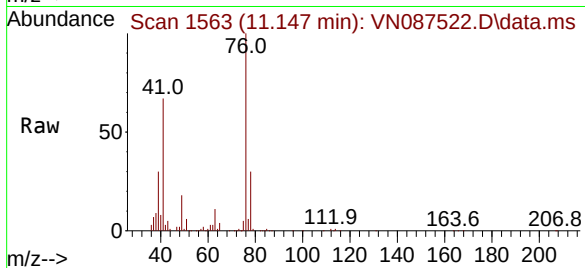
1056-MW-02(23.8)MSD

Tgt Ion: 76 Resp: 369714

Ion Ratio Lower Upper

76 100

78 30.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.468 ug/l

RT: 10.176 min Scan# 1398

Delta R.T. 0.035 min

Lab File: VN087522.D

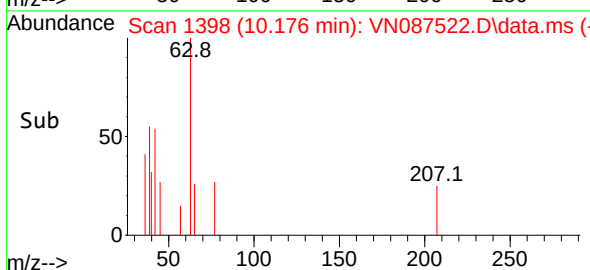
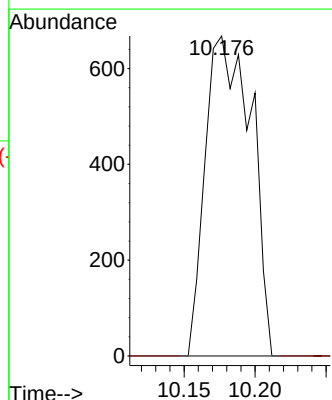
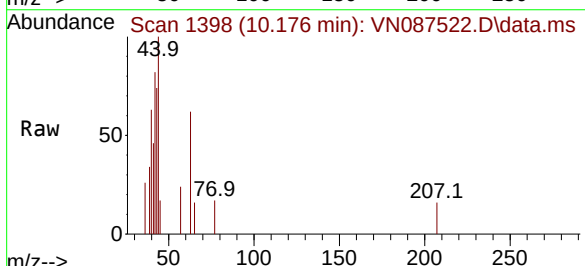
Acq: 12 Aug 2025 18:02

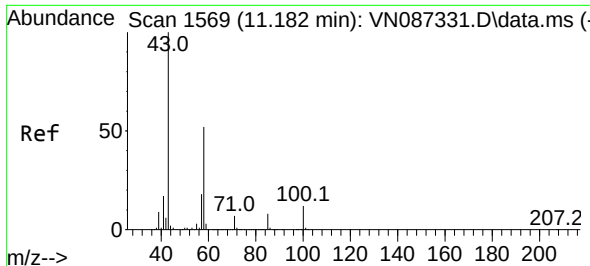
Tgt Ion: 63 Resp: 1505

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#

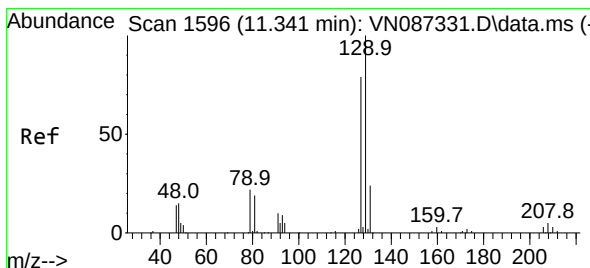
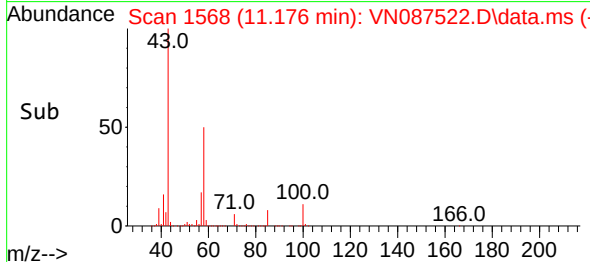
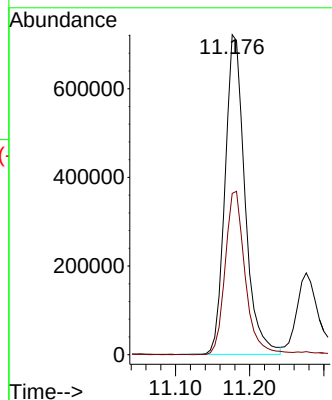
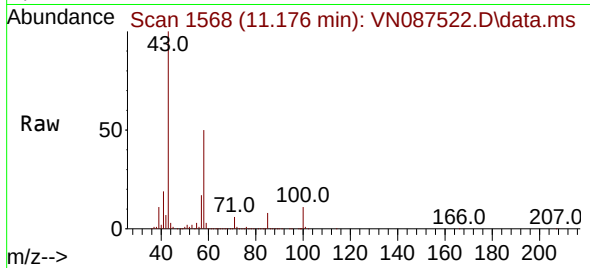




#59
2-Hexanone
Concen: 290.104 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

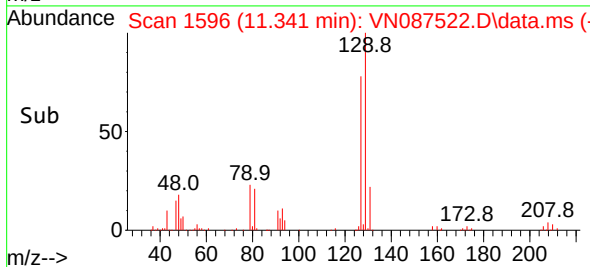
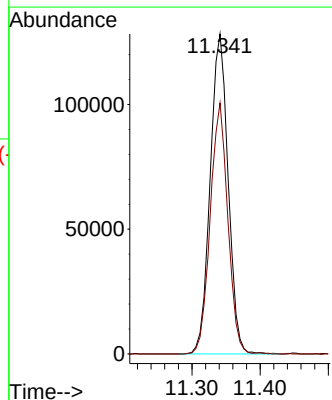
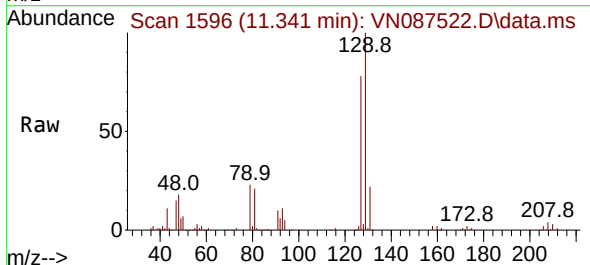
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

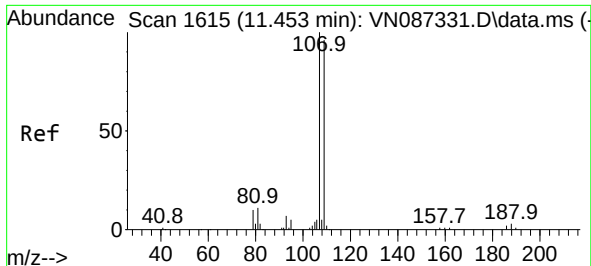
Tgt Ion: 43 Resp: 1345334
Ion Ratio Lower Upper
43 100
58 51.5 26.7 80.0



#60
Dibromochloromethane
Concen: 52.528 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:129 Resp: 234854
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5

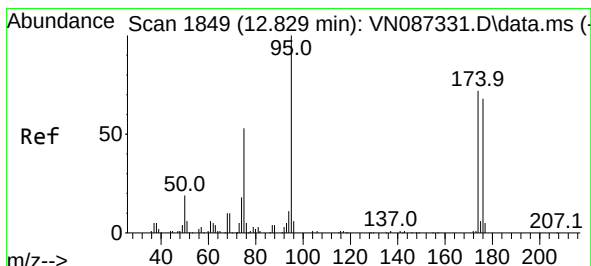
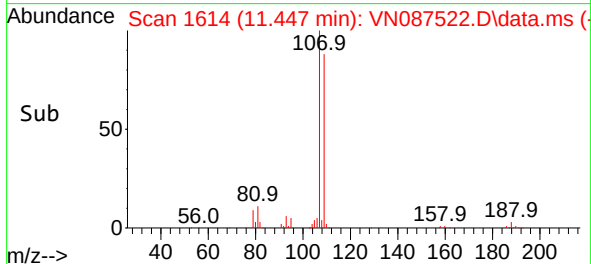
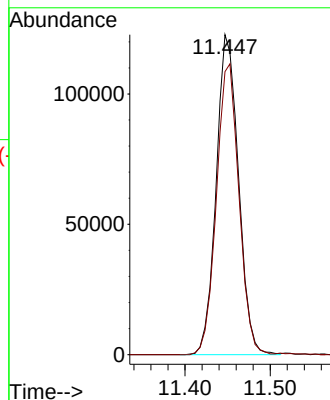
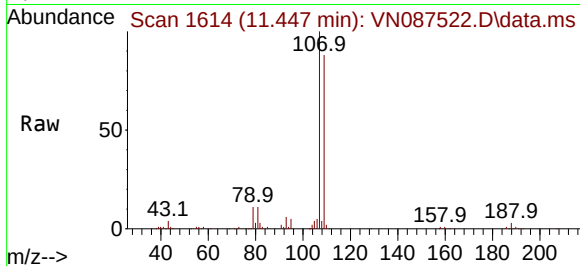




#61
1,2-Dibromoethane
Concen: 54.197 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

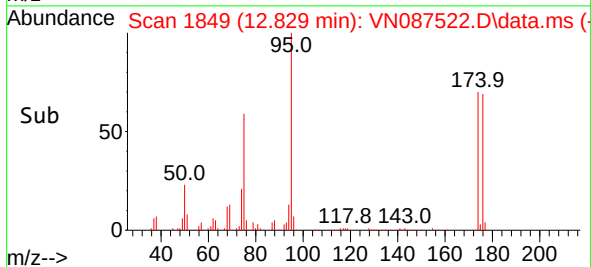
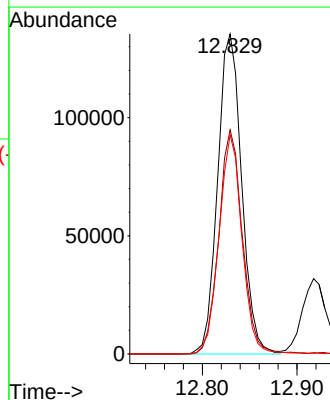
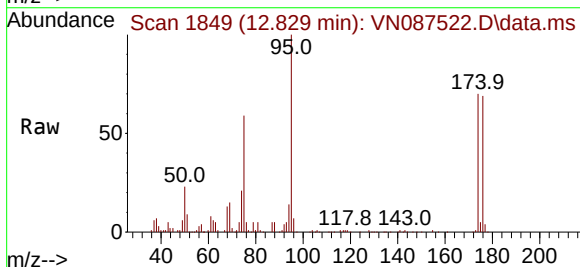
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

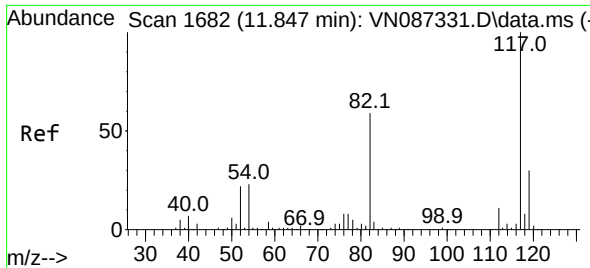
Tgt Ion:107 Resp: 223407
Ion Ratio Lower Upper
107 100
109 91.8 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 48.523 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 95 Resp: 238589
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.4
176 65.7 0.0 141.2

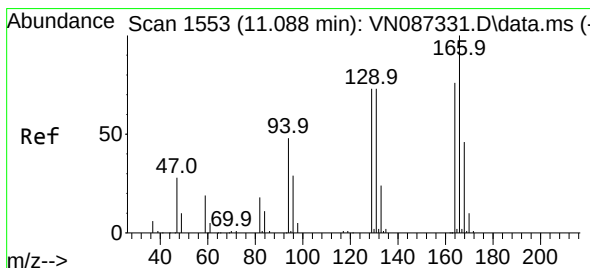
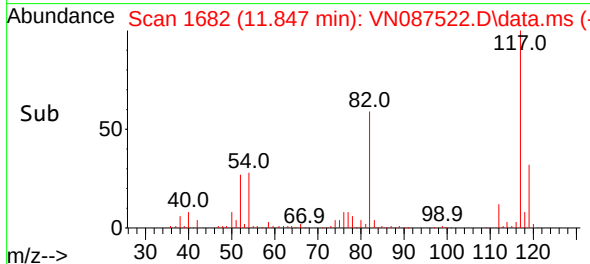
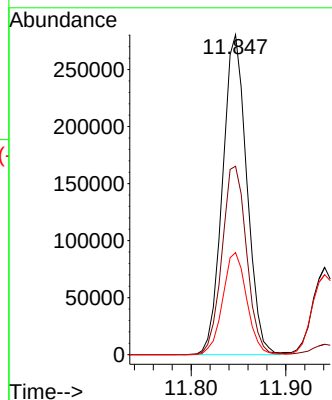
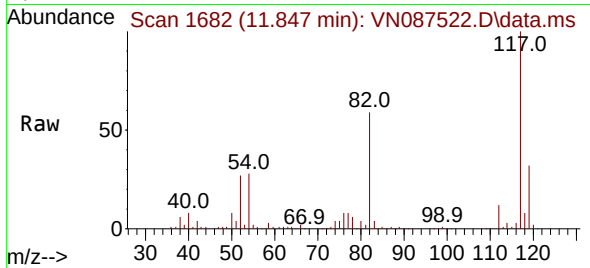




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

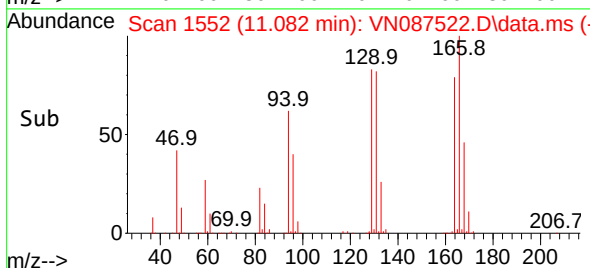
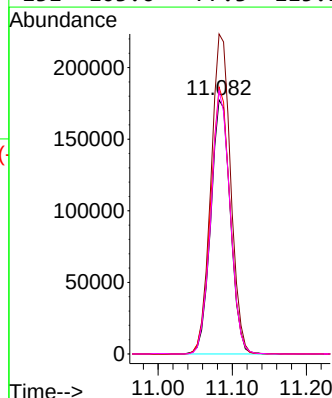
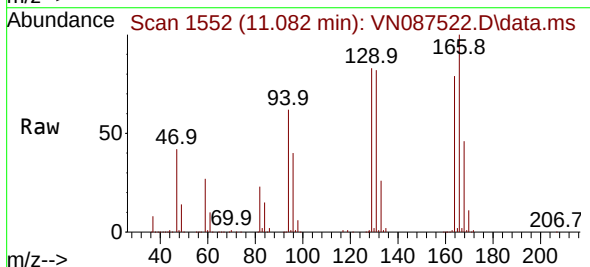
Instrument :
MSVOA_N
ClientSampleId :
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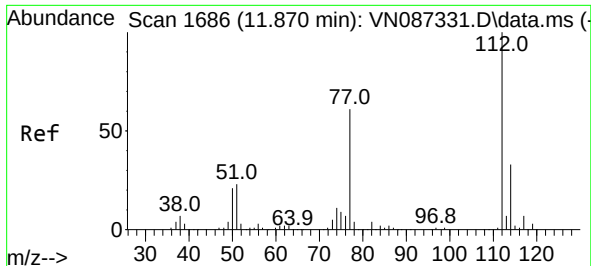
Tgt Ion:117 Resp: 499161
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.9 23.8 35.8



#64
Tetrachloroethene
Concen: 100.258 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:164 Resp: 322091
Ion Ratio Lower Upper
164 100
166 126.0 105.5 158.3
129 105.0 77.4 116.2
131 103.6 77.3 115.9

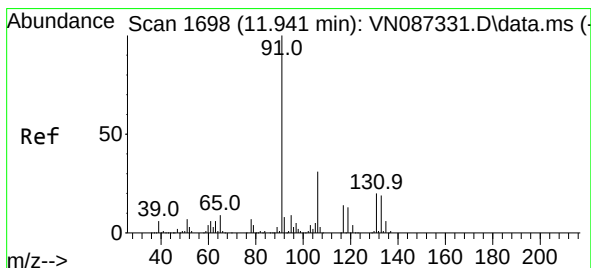
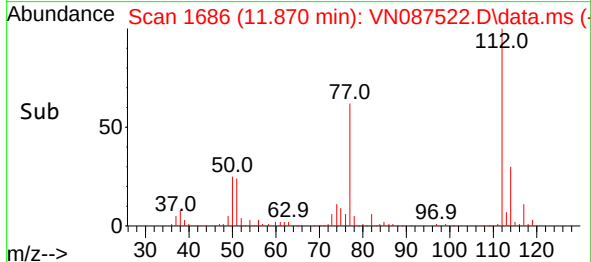
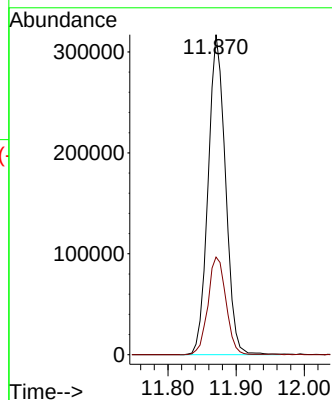
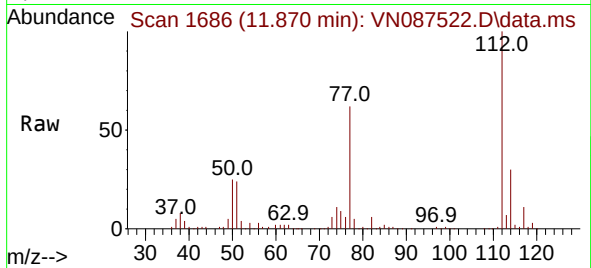




#65
Chlorobenzene
Concen: 50.058 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

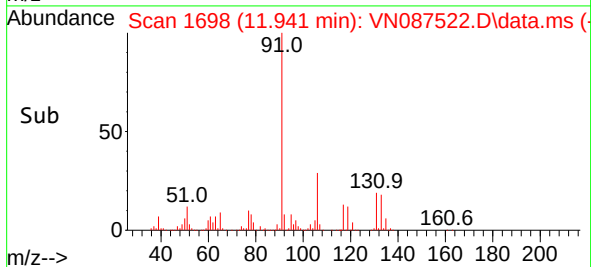
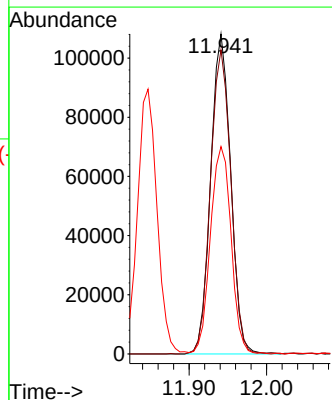
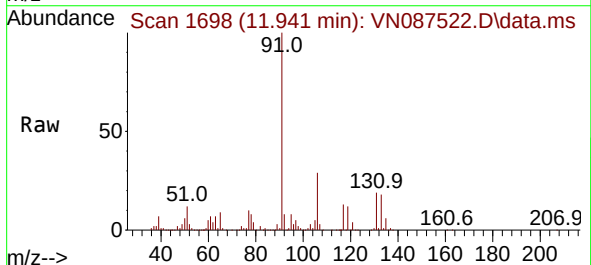
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

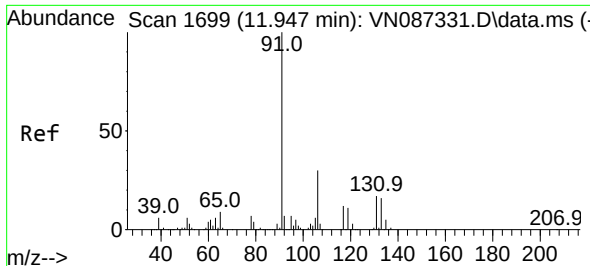
Tgt Ion:112 Resp: 560976
Ion Ratio Lower Upper
112 100
114 30.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.750 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:131 Resp: 193390
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.3
119 67.1 33.1 99.2





#67

Ethyl Benzene

Concen: 54.684 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

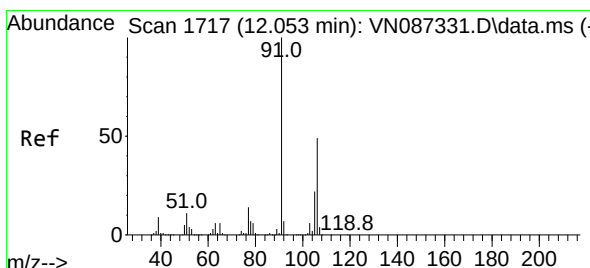
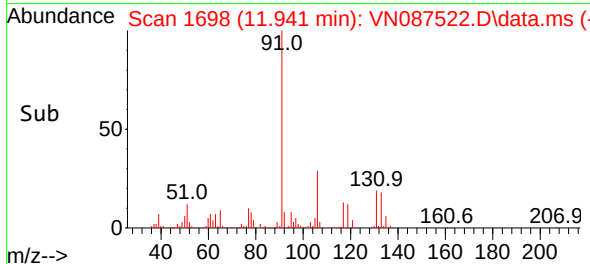
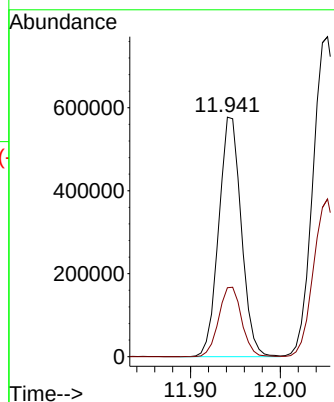
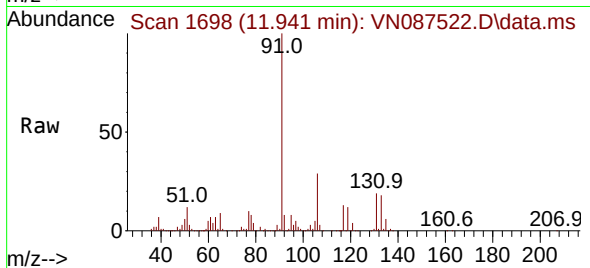
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Tgt Ion: 91 Resp: 1008847

Ion Ratio Lower Upper

91 100

106 28.8 24.3 36.5



#68

m/p-Xylenes

Concen: 108.328 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VN087522.D

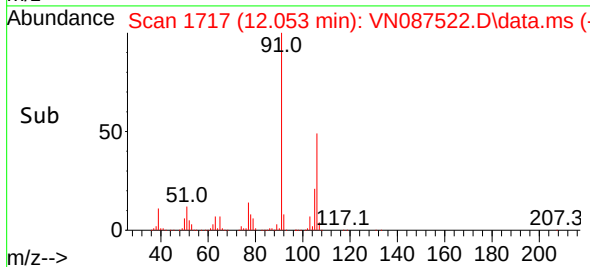
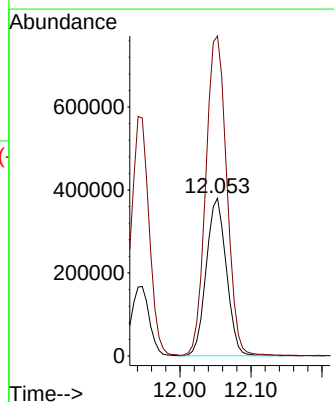
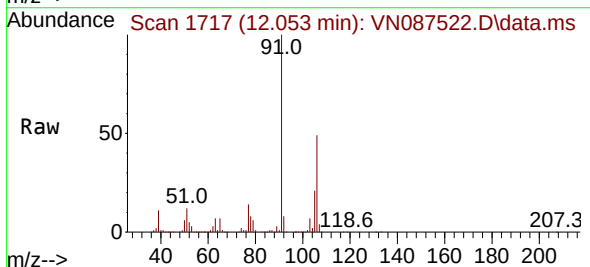
Acq: 12 Aug 2025 18:02

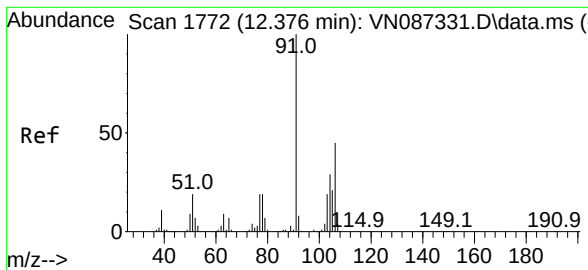
Tgt Ion:106 Resp: 748369

Ion Ratio Lower Upper

106 100

91 211.4 162.0 243.0

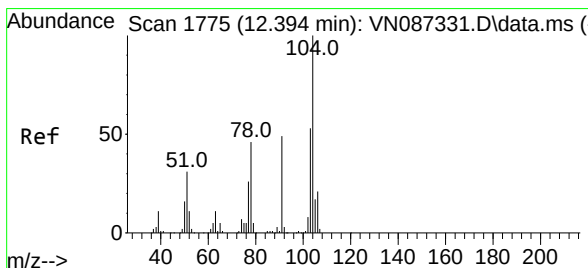
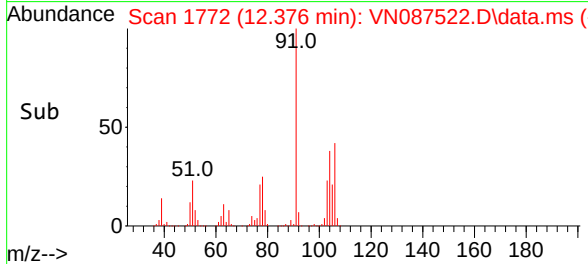
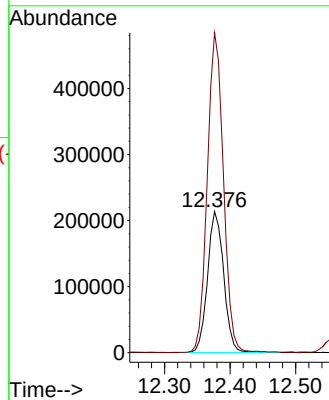
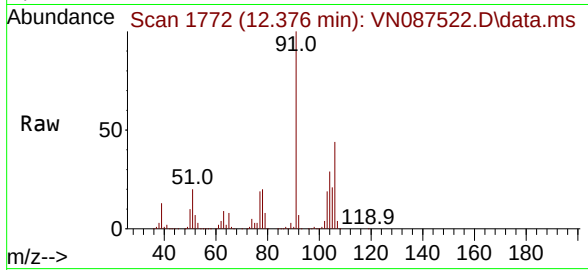




#69
o-Xylene
Concen: 55.474 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

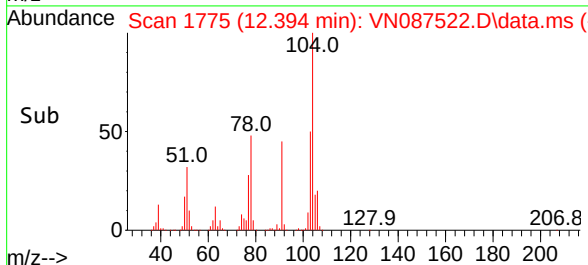
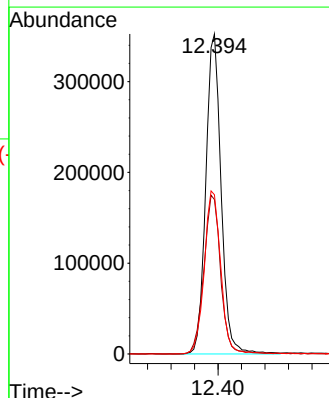
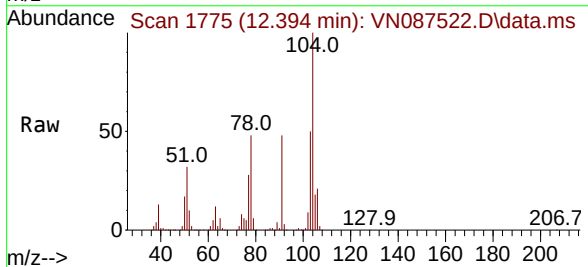
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

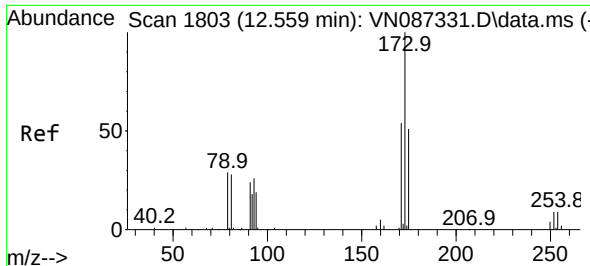
Tgt Ion:106 Resp: 366073
Ion Ratio Lower Upper
106 100
91 226.5 107.7 323.3



#70
Styrene
Concen: 57.383 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:104 Resp: 637007
Ion Ratio Lower Upper
104 100
78 54.5 41.0 61.6
103 55.0 43.9 65.9

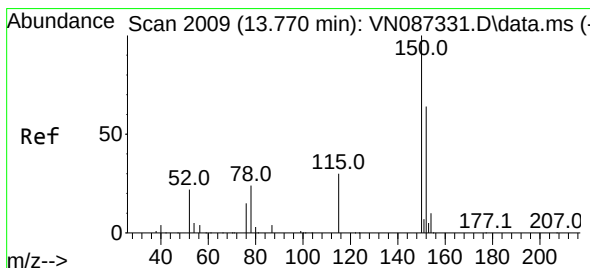
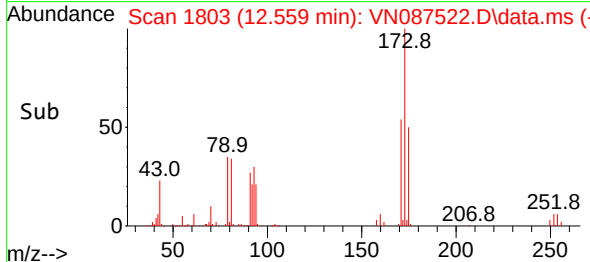
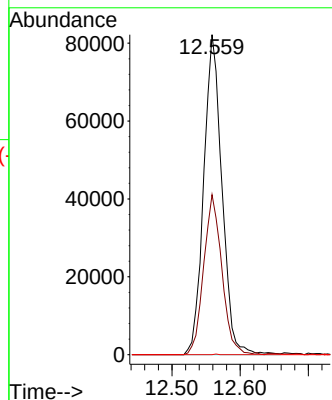
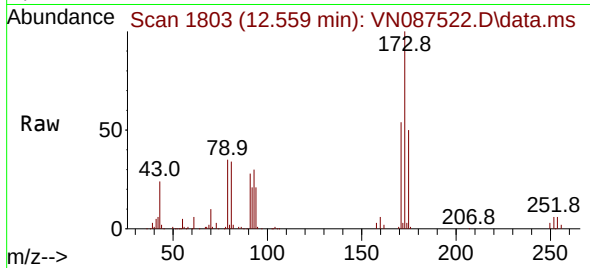




#71
Bromoform
Concen: 49.718 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

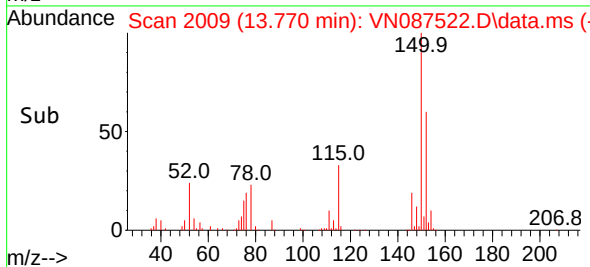
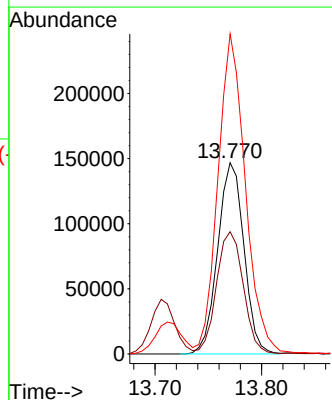
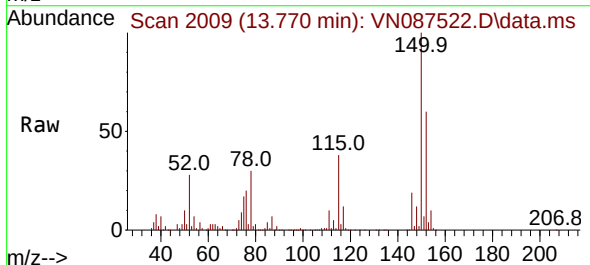
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

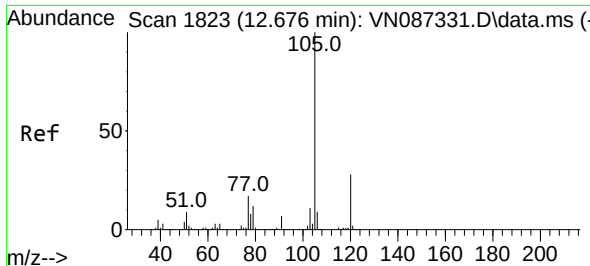
Tgt Ion:173 Resp: 153058
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:152 Resp: 251240
Ion Ratio Lower Upper
152 100
115 64.7 31.1 93.5
150 174.7 0.0 349.0

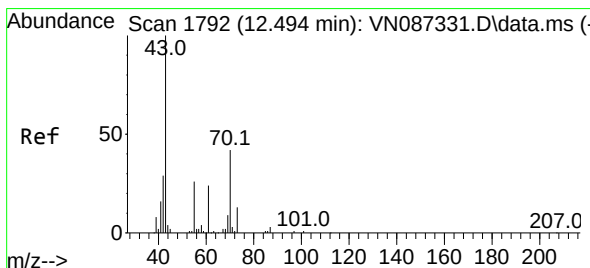
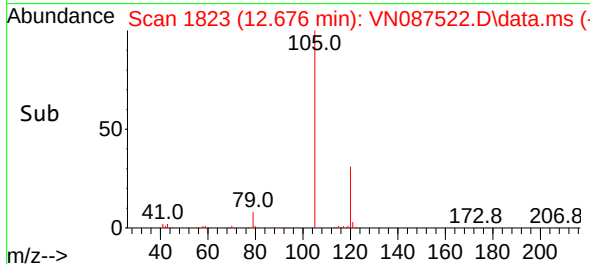
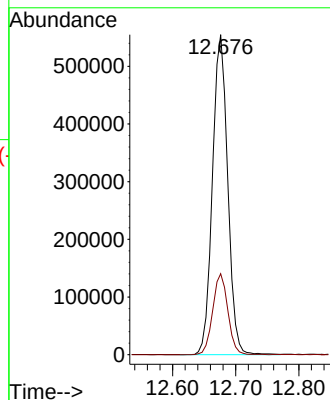
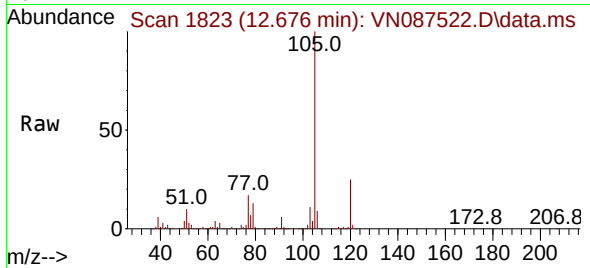




#73
Isopropylbenzene
Concen: 58.858 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

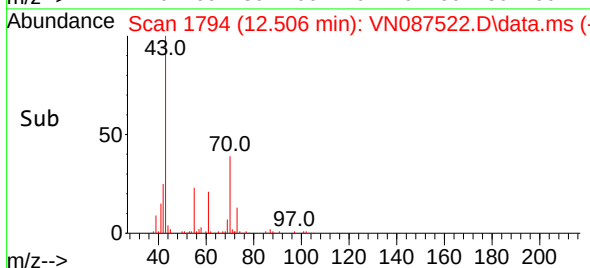
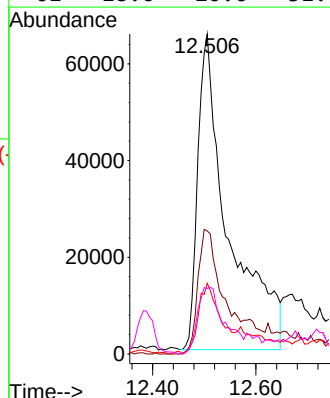
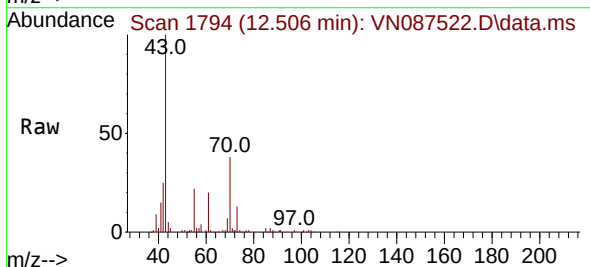
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

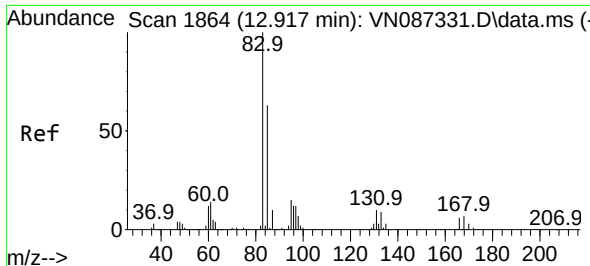
Tgt Ion:105 Resp: 930692
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#74
N-ethyl acetate
Concen: 41.040 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.012 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 269625
Ion Ratio Lower Upper
43 100
70 32.2 37.6 56.4#
55 16.1 19.6 29.4#
61 18.6 20.6 31.0#

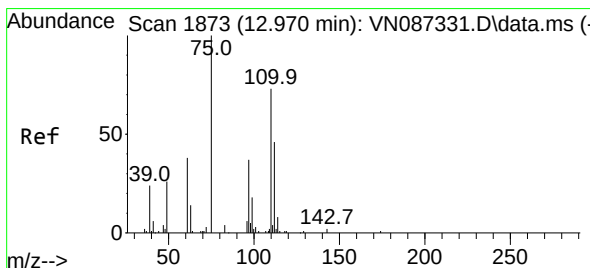
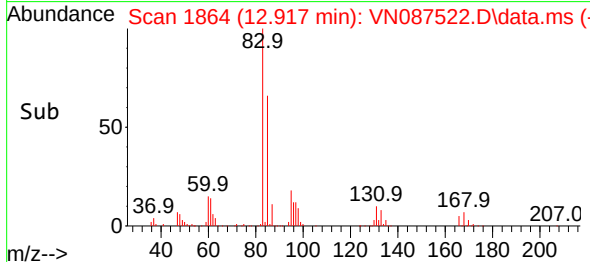
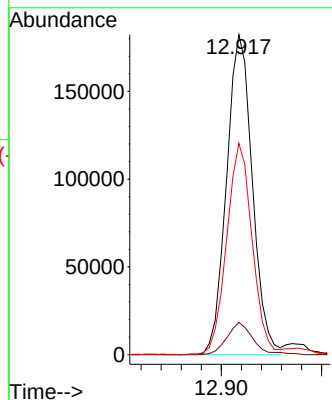
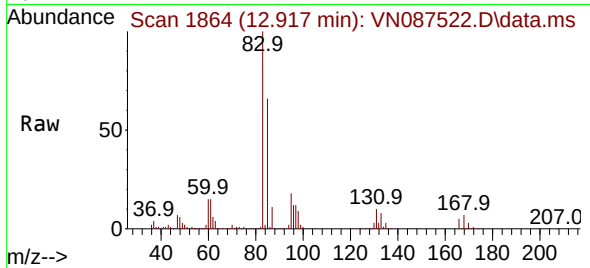




#75
1,1,2-Tetrachloroethane
Concen: 54.740 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

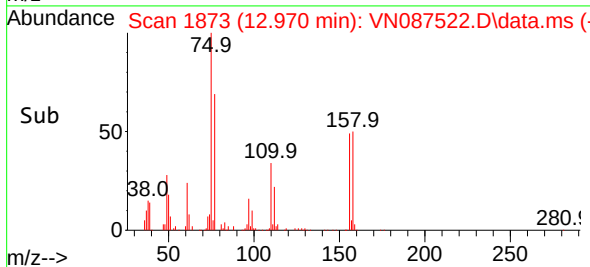
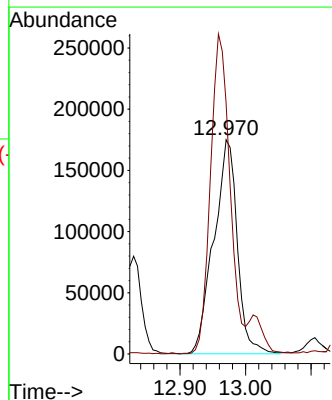
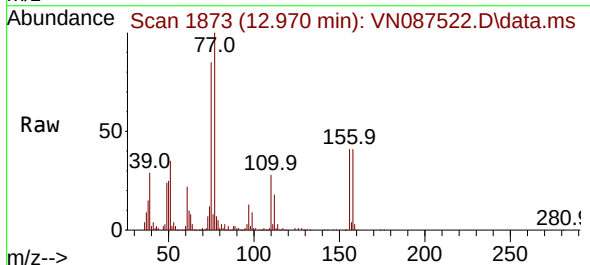
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

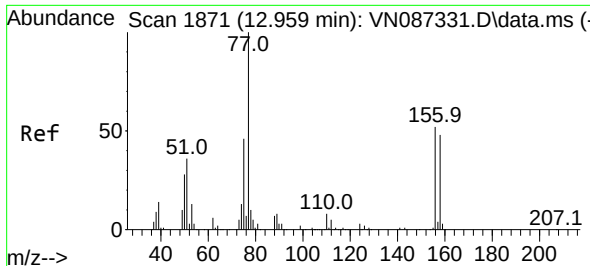
Tgt Ion: 83 Resp: 325703
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 65.2 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 77.183 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 434839
Ion Ratio Lower Upper
75 100
77 124.0 94.5 283.6

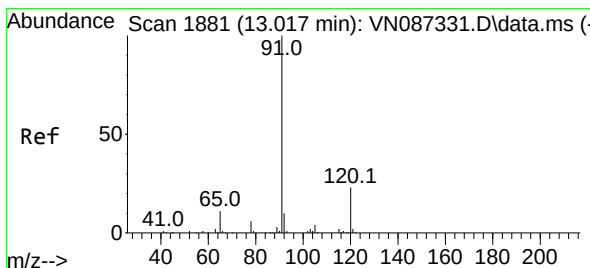
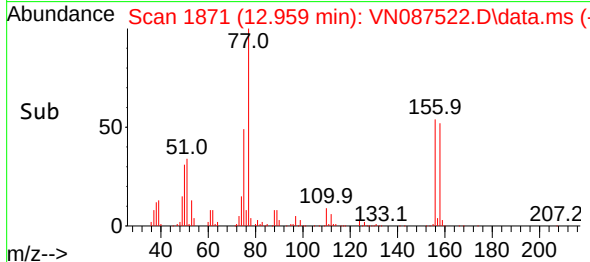
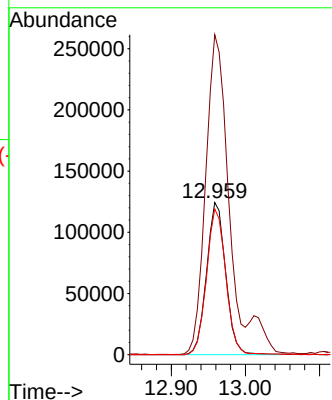
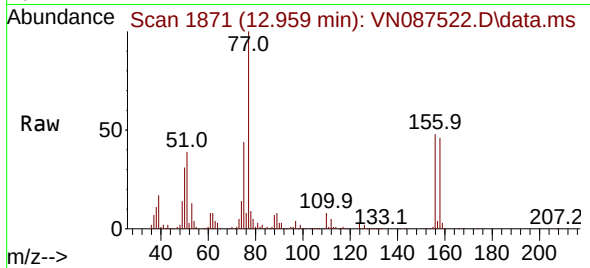




#77
Bromobenzene
Concen: 54.307 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

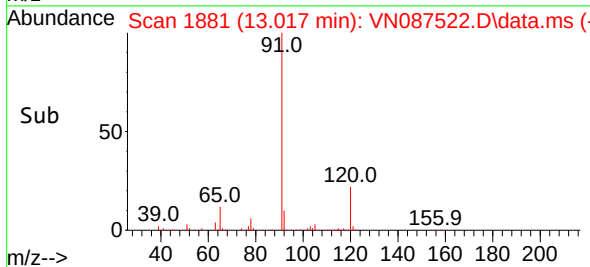
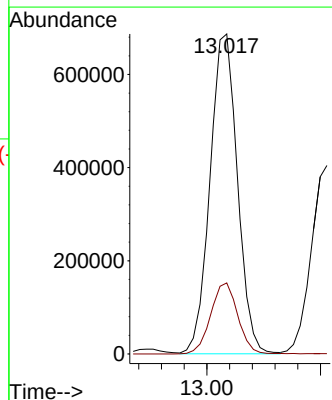
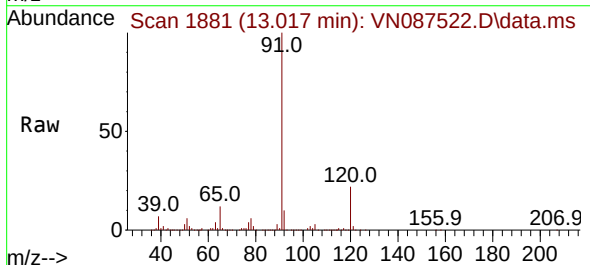
Instrument :
MSVOA_N
ClientSampleId :
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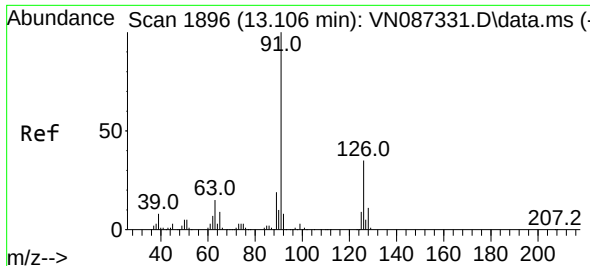
Tgt Ion:156 Resp: 222709
Ion Ratio Lower Upper
156 100
77 242.1 114.9 344.6
158 96.9 48.5 145.5



#78
n-propylbenzene
Concen: 57.922 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 1152341
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.8

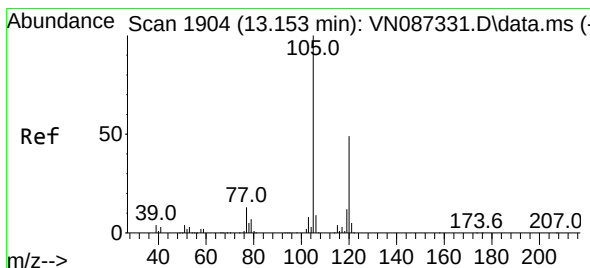
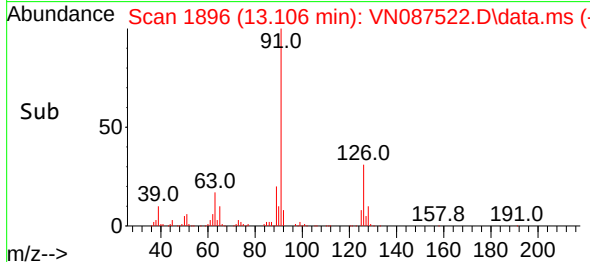
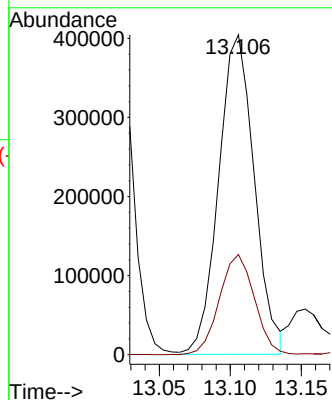
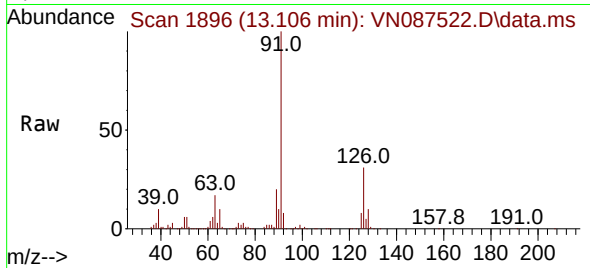




#79
2-Chlorotoluene
Concen: 57.709 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

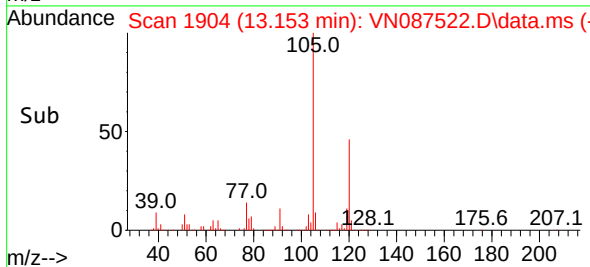
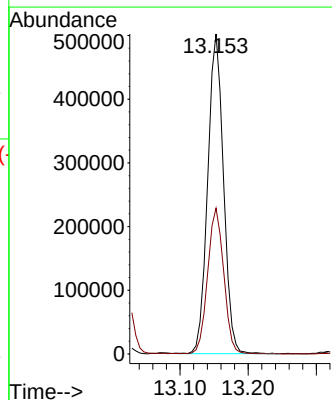
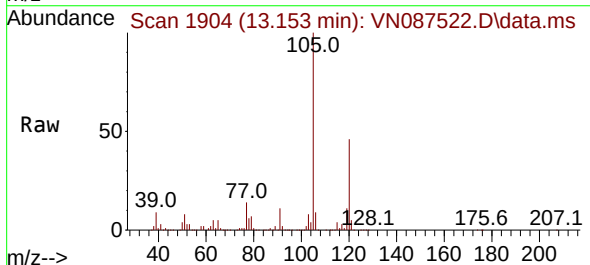
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

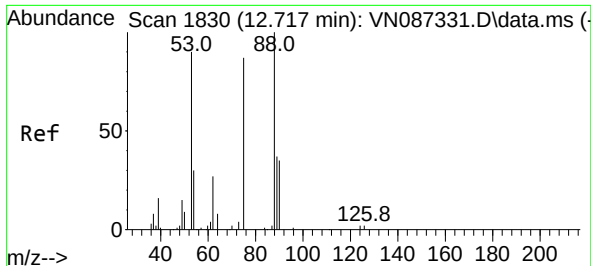
Tgt Ion: 91 Resp: 705606
Ion Ratio Lower Upper
91 100
126 30.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 60.032 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 105 Resp: 808785
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8

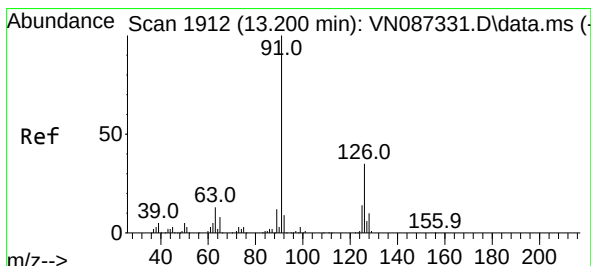
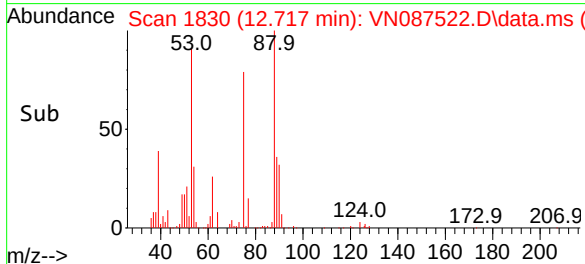
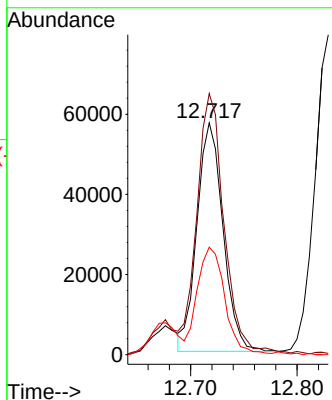
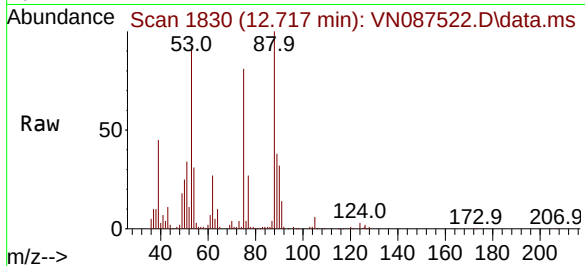




#81
trans-1,4-Dichloro-2-butene
Concen: 47.164 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

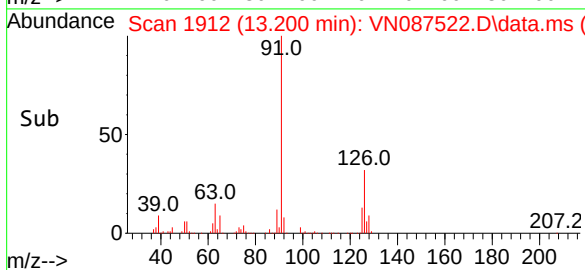
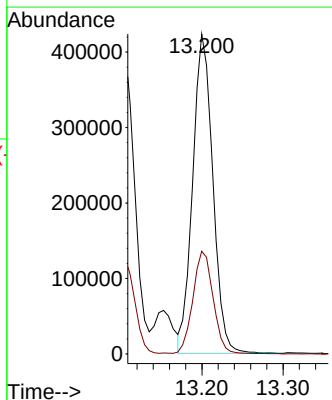
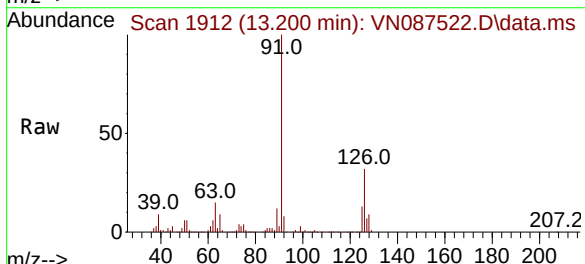
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

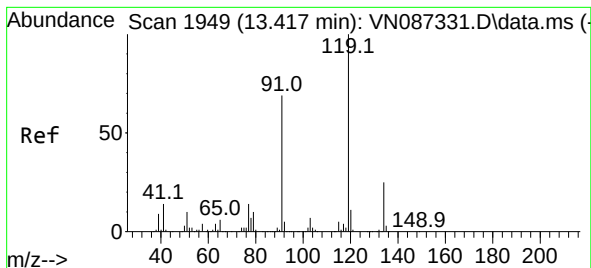
Tgt Ion: 75 Resp: 97113
Ion Ratio Lower Upper
75 100
53 119.1 83.5 125.3
89 48.4 38.4 57.6



#82
4-Chlorotoluene
Concen: 57.263 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 728948
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7





#83

tert-Butylbenzene

Concen: 59.799 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

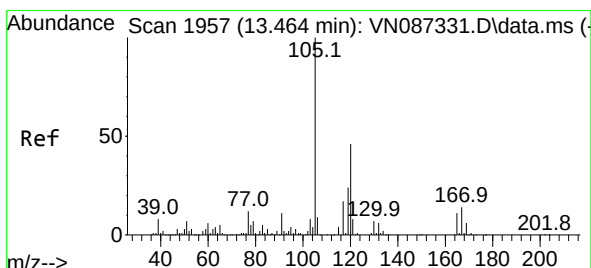
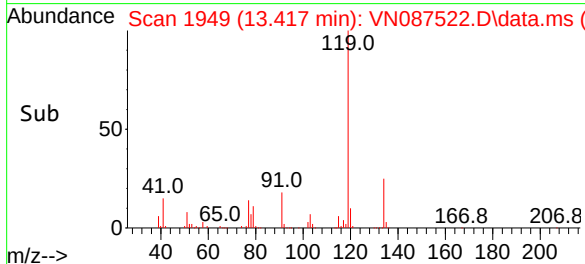
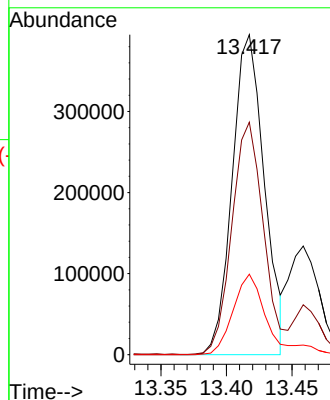
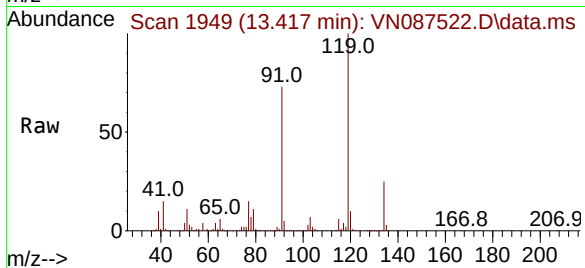
Tgt Ion:119 Resp: 672878

Ion Ratio Lower Upper

119 100

91 72.1 35.0 105.1

134 26.8 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 59.711 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087522.D

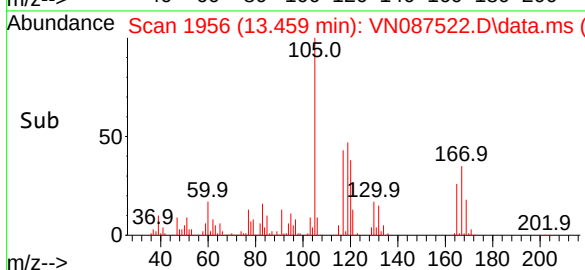
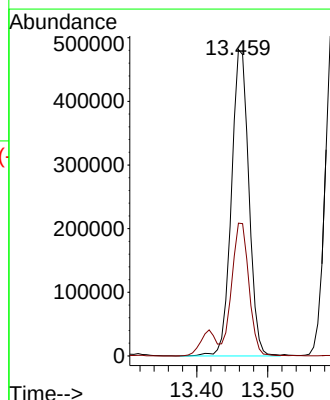
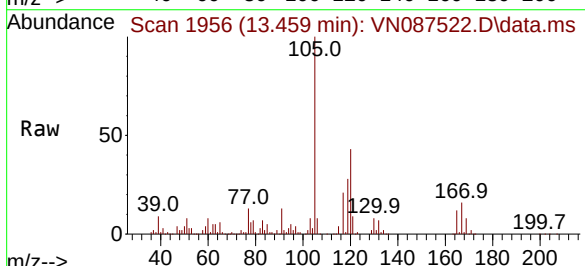
Acq: 12 Aug 2025 18:02

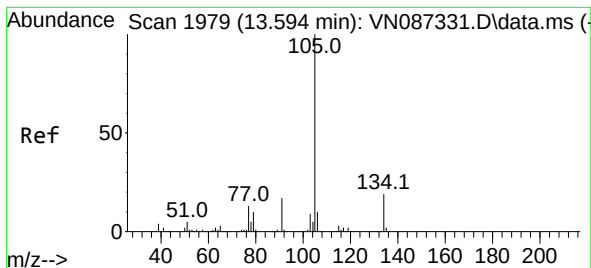
Tgt Ion:105 Resp: 821538

Ion Ratio Lower Upper

105 100

120 43.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 57.952 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

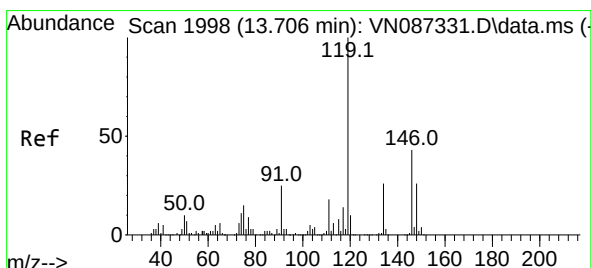
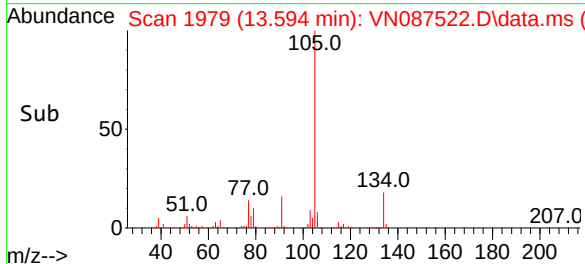
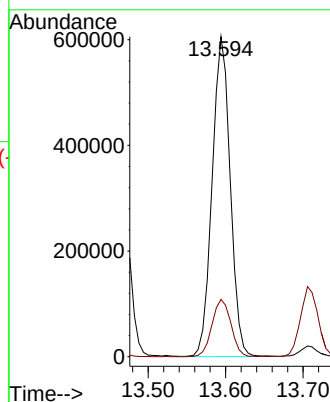
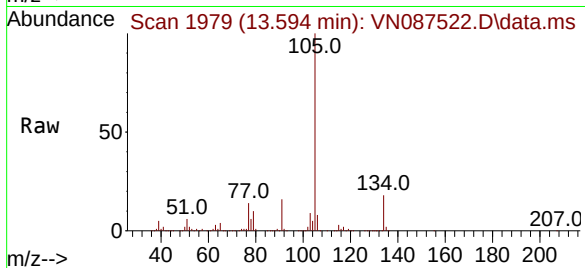
1056-MW-02(23.8)MSD

Tgt Ion:105 Resp: 982242

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 60.143 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

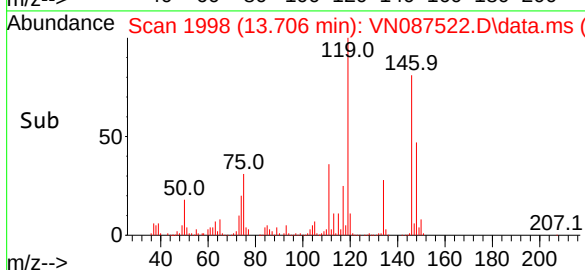
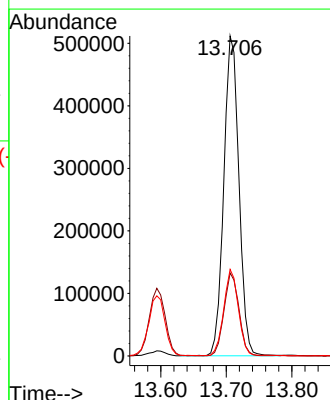
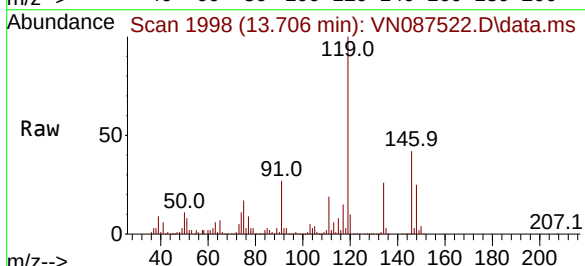
Tgt Ion:119 Resp: 816922

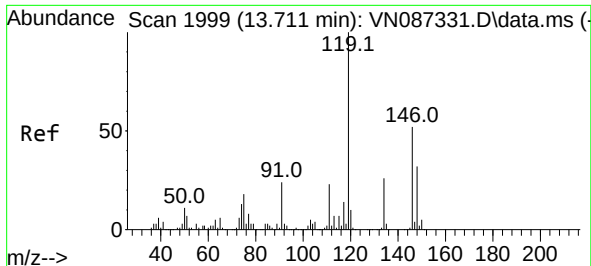
Ion Ratio Lower Upper

119 100

134 25.5 13.5 40.5

91 26.3 12.2 36.6

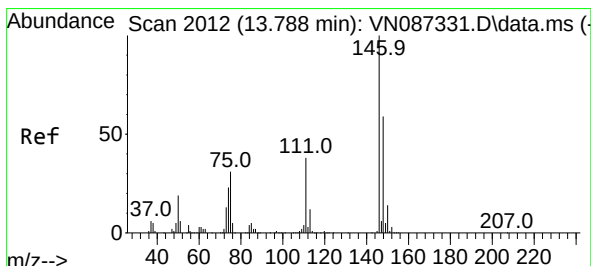
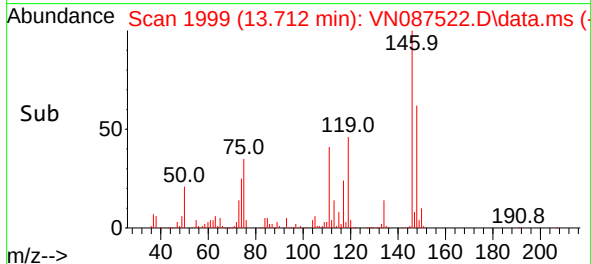
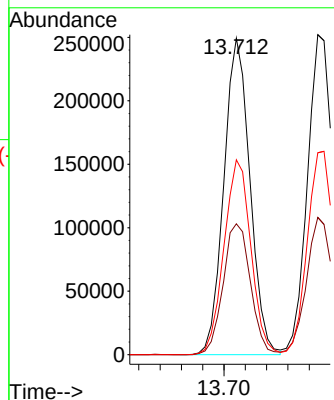
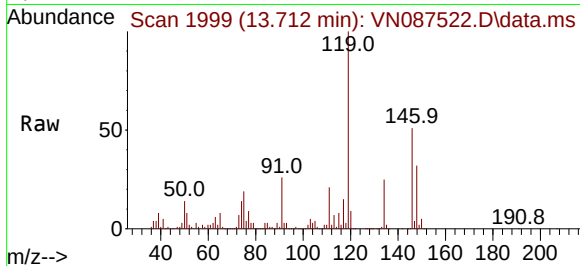




#87
 1,3-Dichlorobenzene
 Concen: 52.687 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

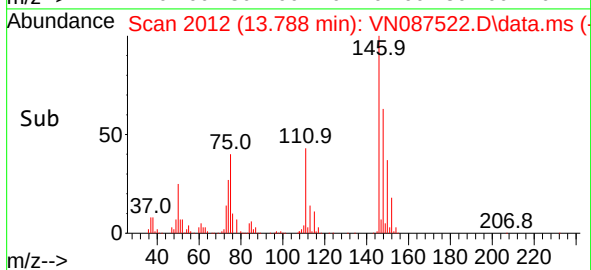
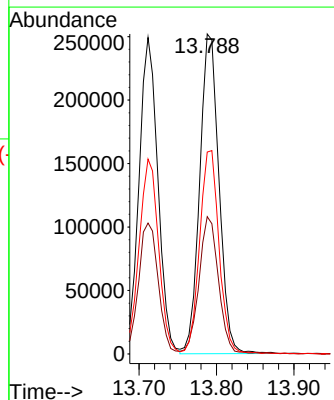
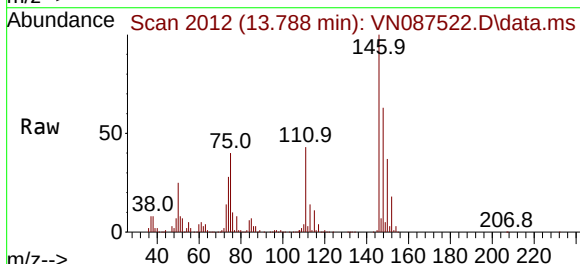
Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MSD

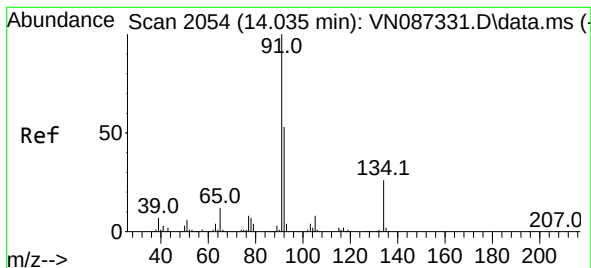
Tgt Ion:146 Resp: 424046
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 63.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.677 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Tgt Ion:146 Resp: 435622
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.6 58.7
 148 64.3 31.4 94.0





#89

n-Butylbenzene

Concen: 61.023 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

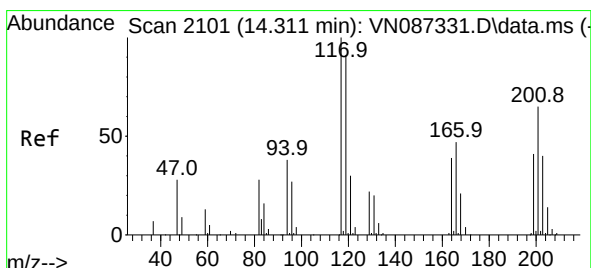
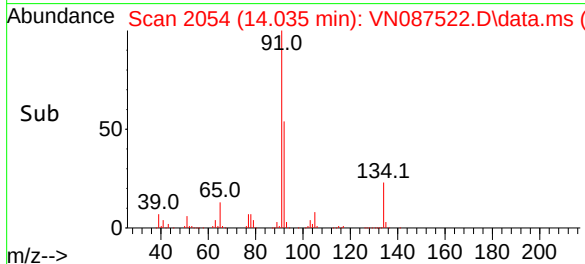
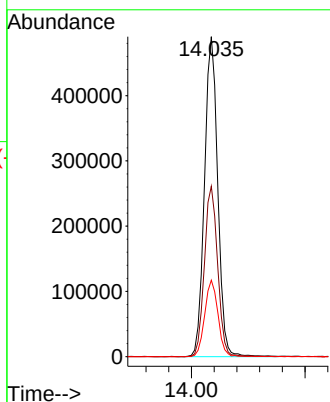
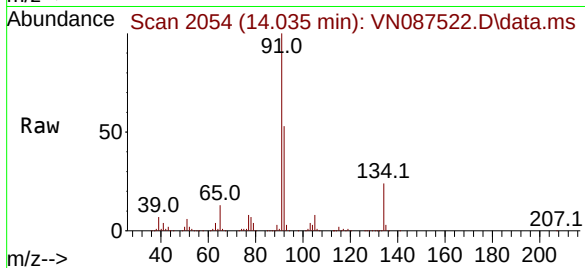
Tgt Ion: 91 Resp: 791466

Ion Ratio Lower Upper

91 100

92 53.2 26.2 78.6

134 23.9 12.4 37.2



#90

Hexachloroethane

Concen: 53.113 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087522.D

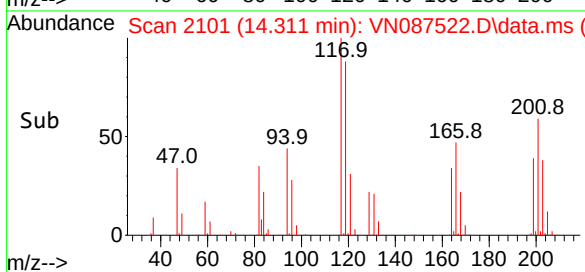
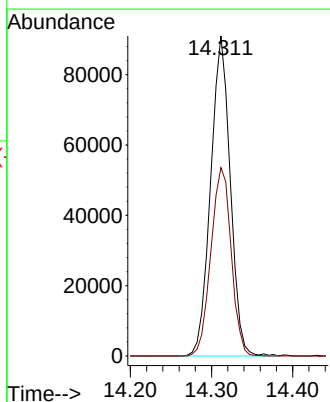
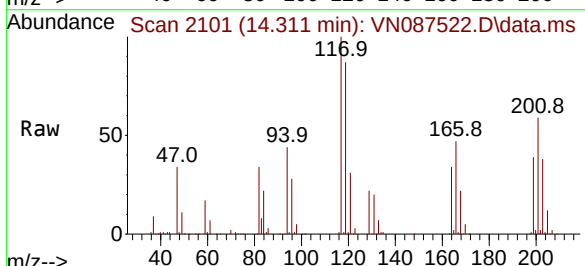
Acq: 12 Aug 2025 18:02

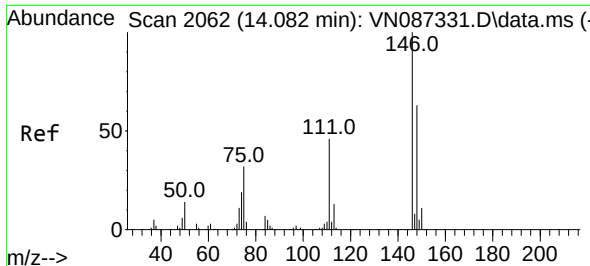
Tgt Ion: 117 Resp: 152855

Ion Ratio Lower Upper

117 100

201 60.7 32.8 98.4

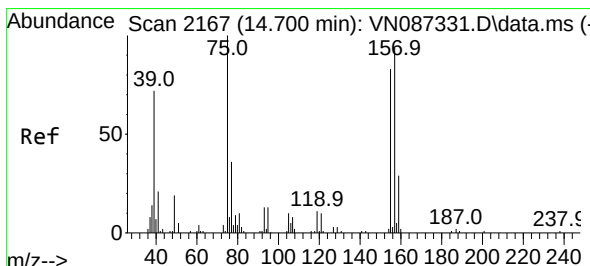
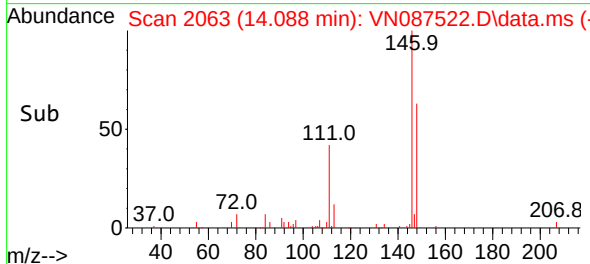
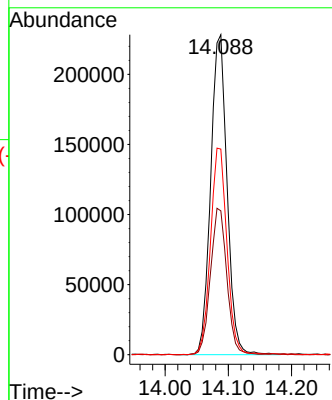
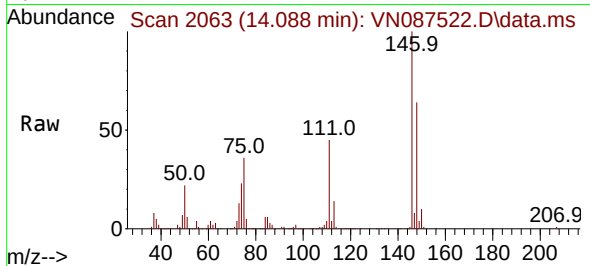




#91
 1,2-Dichlorobenzene
 Concen: 53.938 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

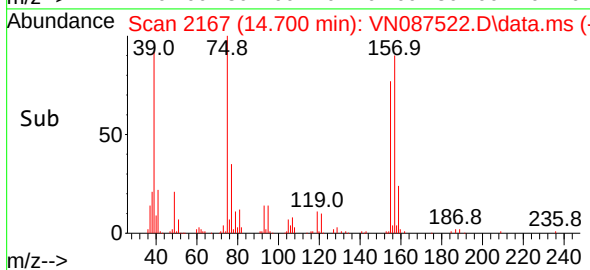
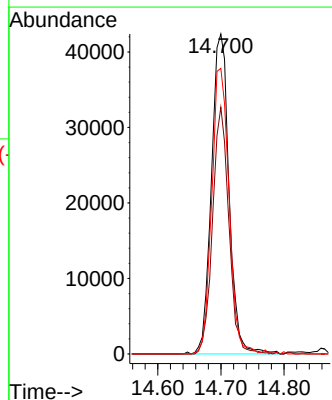
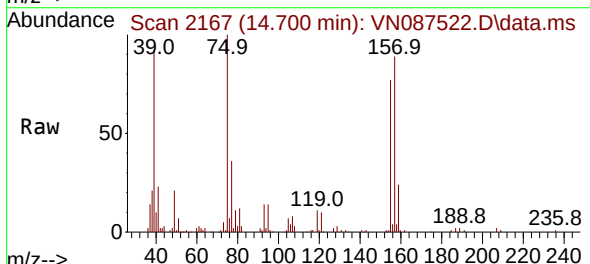
Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MSD

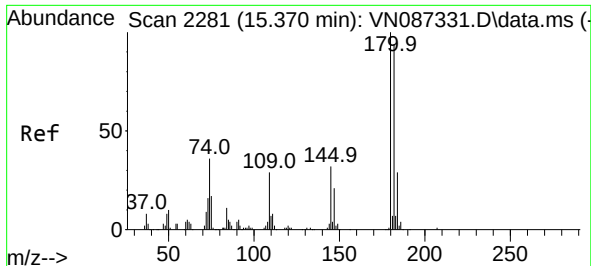
Tgt Ion:146 Resp: 411268
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.0 66.0
 148 64.9 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.580 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087522.D
 Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 82138
 Ion Ratio Lower Upper
 75 100
 155 71.4 37.3 111.8
 157 87.7 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 55.377 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

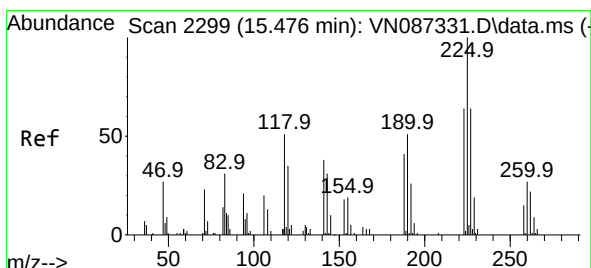
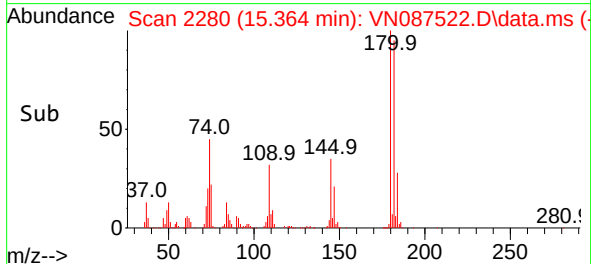
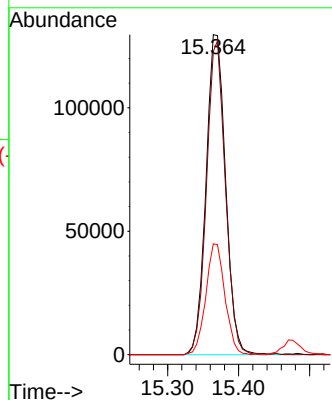
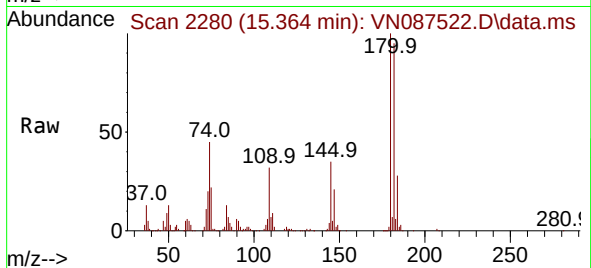
Tgt Ion:180 Resp: 248025

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 33.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 51.432 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

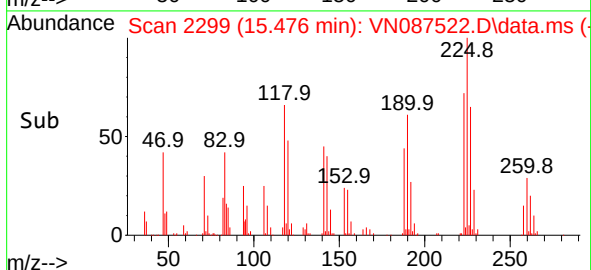
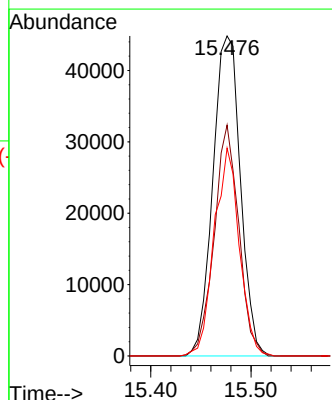
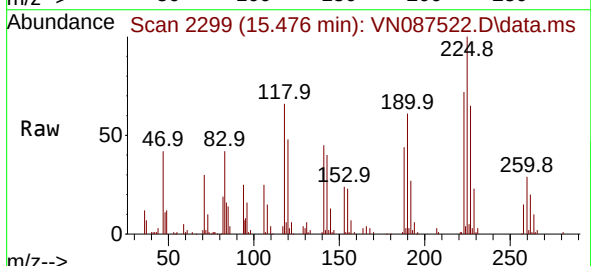
Tgt Ion:225 Resp: 85594

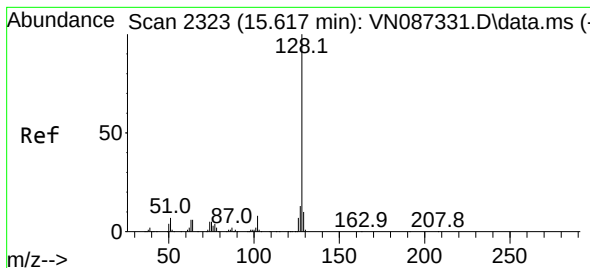
Ion Ratio Lower Upper

225 100

223 64.4 32.1 96.3

227 59.3 31.3 93.9





#95

Naphthalene

Concen: 57.770 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MSD

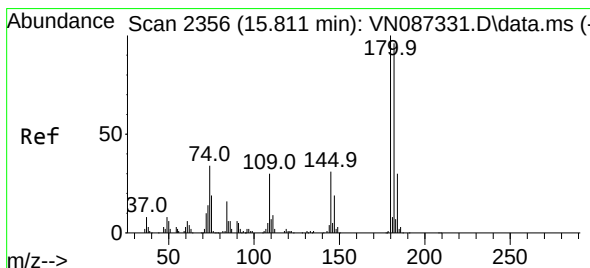
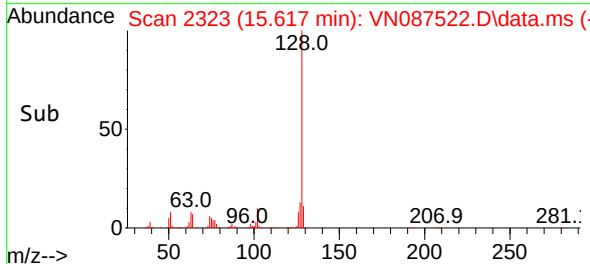
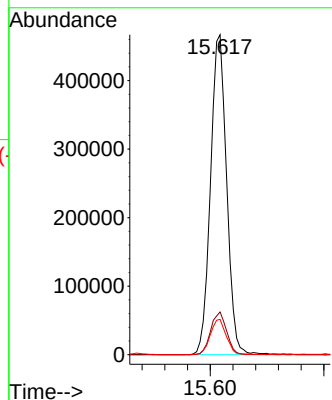
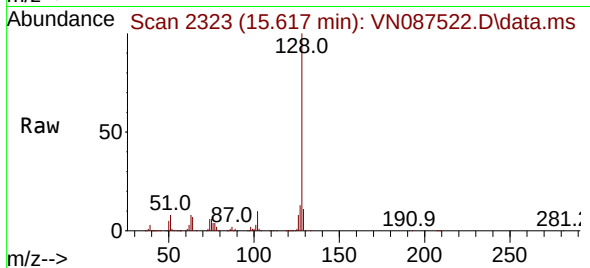
Tgt Ion:128 Resp: 916636

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.008 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087522.D

Acq: 12 Aug 2025 18:02

Tgt Ion:180 Resp: 238151

Ion Ratio Lower Upper

180 100

182 93.2 47.1 141.4

145 35.2 16.9 50.6

