

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087992.D
 Acq On : 30 Sep 2025 10:54
 Operator : JC\MD
 Sample : VN0930WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Quant Time: Oct 01 04:38:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	215668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	382277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	205560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	179452	49.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.880%
35) Dibromofluoromethane	8.153	113	140989	47.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	10.547	98	499350	48.220	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.829	95	170294	46.006	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	48441	19.395	ug/l	96
3) Chloromethane	2.383	50	51697	20.215	ug/l	98
4) Vinyl Chloride	2.536	62	53162	20.376	ug/l	95
5) Bromomethane	2.977	94	36976	22.860	ug/l	84
6) Chloroethane	3.136	64	34796	20.511	ug/l #	88
7) Trichlorofluoromethane	3.512	101	83846	19.738	ug/l	93
8) Diethyl Ether	3.965	74	33536	20.897	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	47464	21.140	ug/l	96
10) Methyl Iodide	4.583	142	47275	23.395	ug/l	99
11) Tert butyl alcohol	5.524	59	57896	110.747	ug/l #	90
12) 1,1-Dichloroethene	4.330	96	46168	20.380	ug/l #	83
13) Acrolein	4.171	56	62245	92.795	ug/l	96
14) Allyl chloride	5.018	41	73120	19.826	ug/l	97
15) Acrylonitrile	5.706	53	171021	104.292	ug/l	99
16) Acetone	4.424	43	170655	114.277	ug/l	98
17) Carbon Disulfide	4.700	76	130004	18.367	ug/l #	95
18) Methyl Acetate	5.024	43	89948	24.068	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	181461	20.505	ug/l	97
20) Methylene Chloride	5.259	84	64234	21.251	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	54070	19.469	ug/l	98
22) Diisopropyl ether	6.659	45	183079	21.264	ug/l	96
23) Vinyl Acetate	6.588	43	722817	99.708	ug/l	99
24) 1,1-Dichloroethane	6.553	63	105719	21.017	ug/l	99
25) 2-Butanone	7.471	43	250408	109.707	ug/l	93
26) 2,2-Dichloropropane	7.477	77	92424	20.681	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	67648	20.472	ug/l	98
28) Bromochloromethane	7.794	49	48022	17.572	ug/l	97
29) Tetrahydrofuran	7.830	42	155392	106.321	ug/l	98
30) Chloroform	7.947	83	112697	20.491	ug/l	96
31) Cyclohexane	8.235	56	78954	19.399	ug/l	91
32) 1,1,1-Trichloroethane	8.153	97	93469	20.113	ug/l	97
36) 1,1-Dichloropropene	8.353	75	68336	19.299	ug/l	96
37) Ethyl Acetate	7.547	43	96424	20.737	ug/l	99
38) Carbon Tetrachloride	8.341	117	80143	19.724	ug/l	94
39) Methylcyclohexane	9.582	83	69776	17.863	ug/l	98
40) Benzene	8.588	78	235104	20.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	46063	19.169	ug/l #	87
42) 1,2-Dichloroethane	8.653	62	85519	19.546	ug/l	99
43) Isopropyl Acetate	8.677	43	148983	20.355	ug/l	98
44) Trichloroethene	9.335	130	56404	20.141	ug/l	95
45) 1,2-Dichloropropane	9.606	63	59069	20.092	ug/l	97
46) Dibromomethane	9.694	93	48087	20.729	ug/l	92
47) Bromodichloromethane	9.871	83	94221	20.708	ug/l	93
48) Methyl methacrylate	9.665	41	63520	18.741	ug/l	99
49) 1,4-Dioxane	9.682	88	22595	451.250	ug/l #	96
51) 4-Methyl-2-Pentanone	10.429	43	482936	105.743	ug/l	99
52) Toluene	10.612	92	147547	20.055	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	90068	19.342	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	95852	19.819	ug/l	92
55) 1,1,2-Trichloroethane	11.000	97	62718	20.966	ug/l	96
56) Ethyl methacrylate	10.859	69	83041	19.211	ug/l	95
57) 1,3-Dichloropropane	11.147	76	104327	21.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	250556	123.283	ug/l	98
59) 2-Hexanone	11.176	43	315197	104.375	ug/l	100
60) Dibromochloromethane	11.335	129	70058	19.918	ug/l	98
61) 1,2-Dibromoethane	11.447	107	62285	19.668	ug/l	98
64) Tetrachloroethene	11.082	164	44679	19.187	ug/l	92
65) Chlorobenzene	11.871	112	164757	20.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	60523	20.631	ug/l	98
67) Ethyl Benzene	11.947	91	262403	19.331	ug/l	95
68) m/p-Xylenes	12.053	106	201177	38.751	ug/l	97
69) o-Xylene	12.376	106	96841	19.416	ug/l	98
70) Styrene	12.388	104	163959	19.140	ug/l	97
71) Bromoform	12.559	173	48310	20.297	ug/l #	100
73) Isopropylbenzene	12.676	105	243097	19.081	ug/l	99
74) N-amyl acetate	12.465	43	897	0.214	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.918	83	94742	20.640	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	117419	28.978	ug/l	62
77) Bromobenzene	12.959	156	65521	19.329	ug/l	96
78) n-propylbenzene	13.012	91	307270	19.291	ug/l	98
79) 2-Chlorotoluene	13.106	91	186351	19.214	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	219235	19.895	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.723	75	27545	18.876	ug/l	97
82) 4-Chlorotoluene	13.200	91	191804	19.627	ug/l	99
83) tert-Butylbenzene	13.417	119	176628	18.936	ug/l	93
84) 1,2,4-Trimethylbenzene	13.459	105	218656	19.345	ug/l	98
85) sec-Butylbenzene	13.594	105	268834	19.659	ug/l	100
86) p-Isopropyltoluene	13.706	119	219311	18.935	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	133000	20.106	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	137011	20.155	ug/l	97
89) n-Butylbenzene	14.035	91	206058	18.825	ug/l	97
90) Hexachloroethane	14.312	117	47787	19.752	ug/l	93
91) 1,2-Dichlorobenzene	14.088	146	123750	19.409	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21823	20.461	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	70678	18.774	ug/l	98
94) Hexachlorobutadiene	15.476	225	25596	18.473	ug/l	96
95) Naphthalene	15.617	128	224813	18.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	69136	18.890	ug/l	99

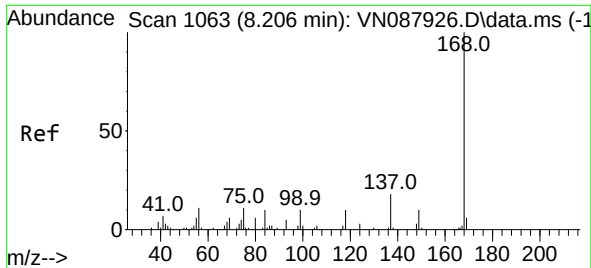
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
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Response via : Initial Calibration

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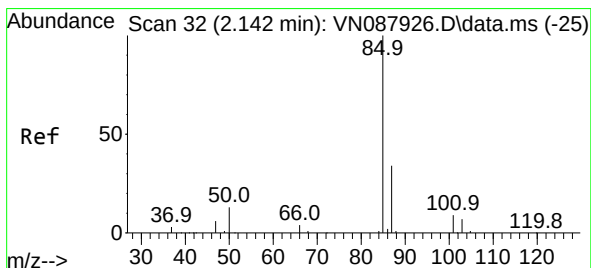
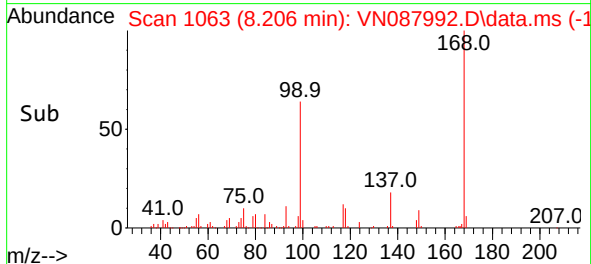
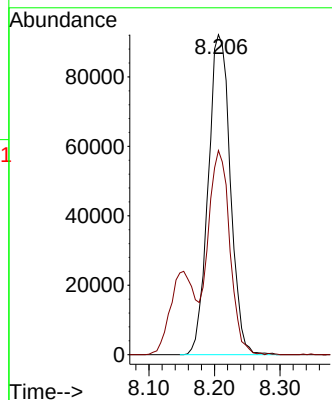
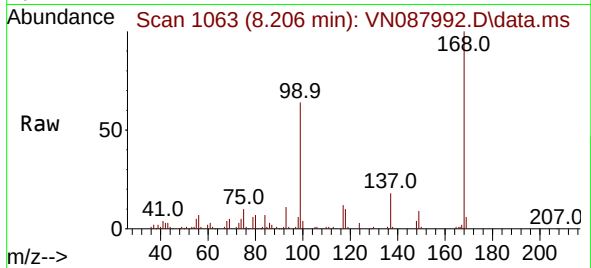
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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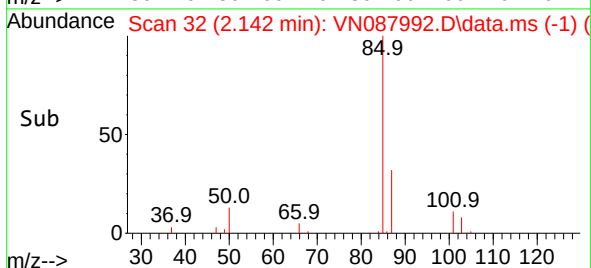
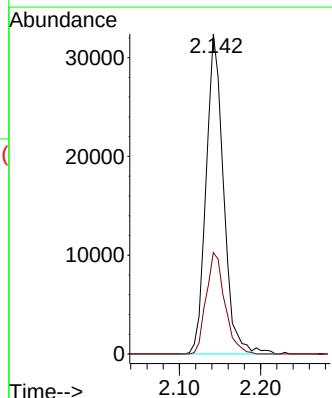
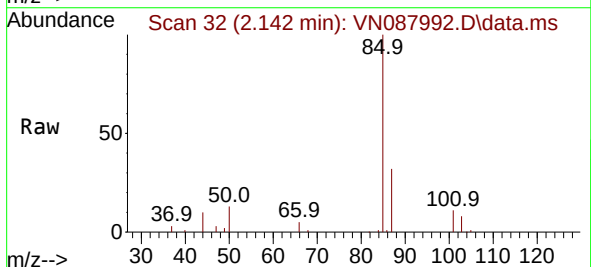
Instrument :
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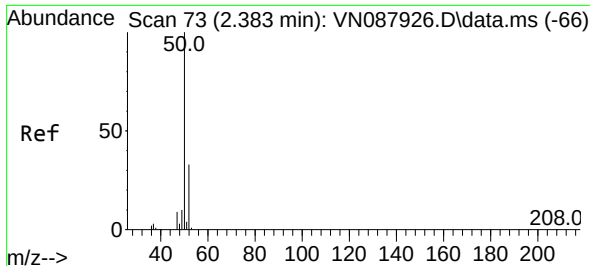
Tgt Ion:168 Resp: 215668
Ion Ratio Lower Upper
168 100
99 63.8 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 19.395 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 85 Resp: 48441
Ion Ratio Lower Upper
85 100
87 31.6 16.9 50.6

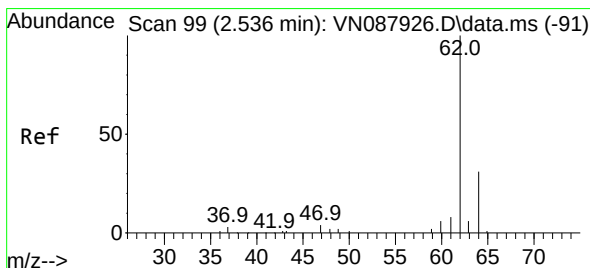
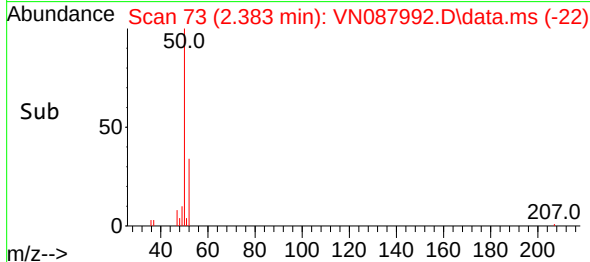
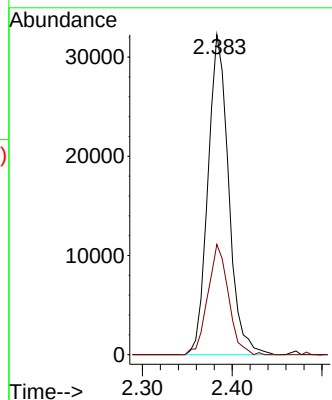
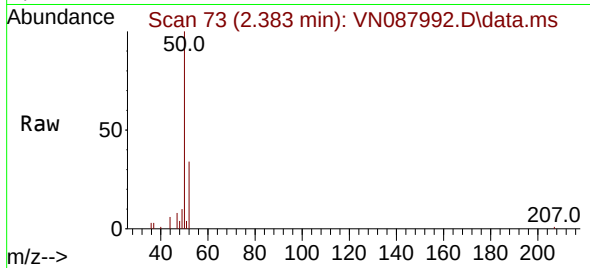




#3
Chloromethane
Concen: 20.215 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

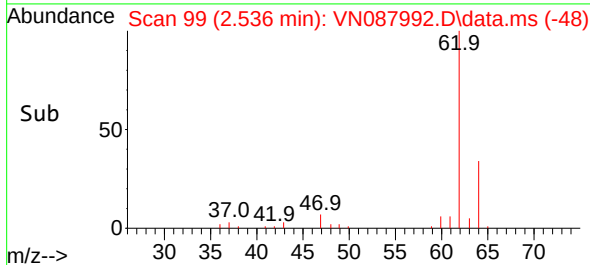
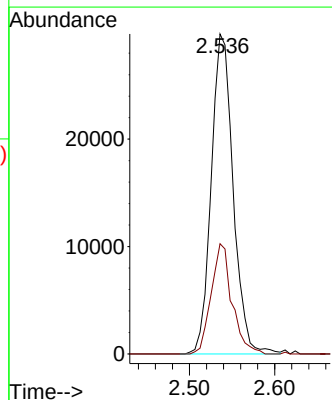
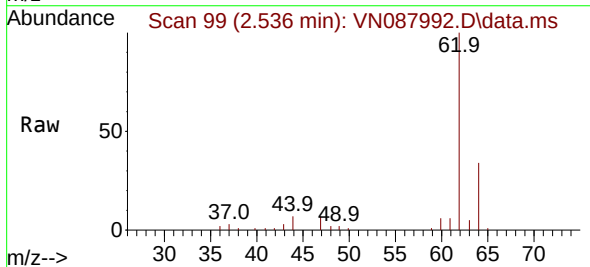
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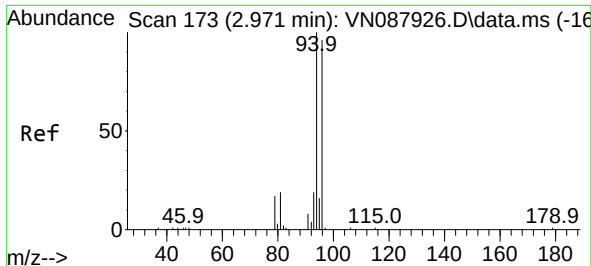
Tgt Ion: 50 Resp: 51697
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 20.376 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 62 Resp: 53162
Ion Ratio Lower Upper
62 100
64 34.4 25.2 37.8

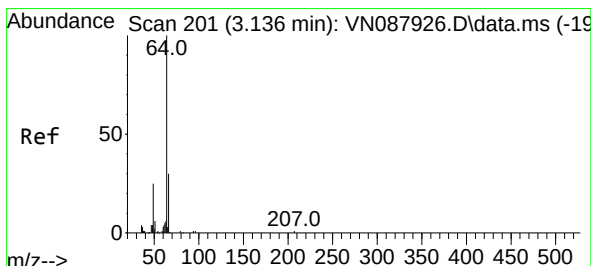
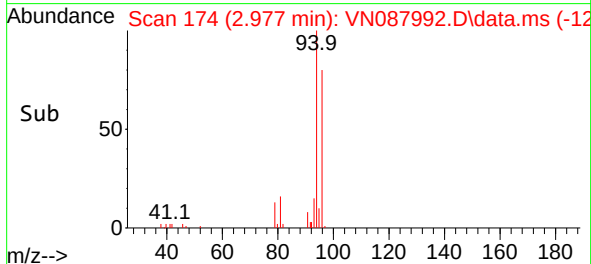
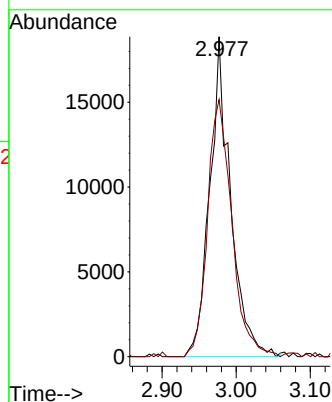
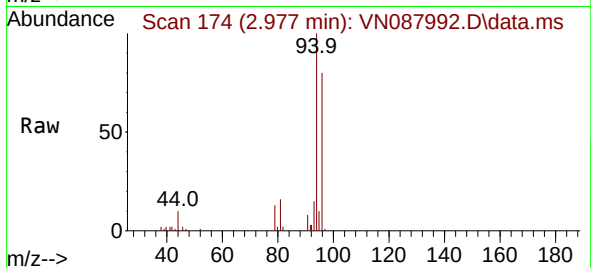




#5
Bromomethane
Concen: 22.860 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

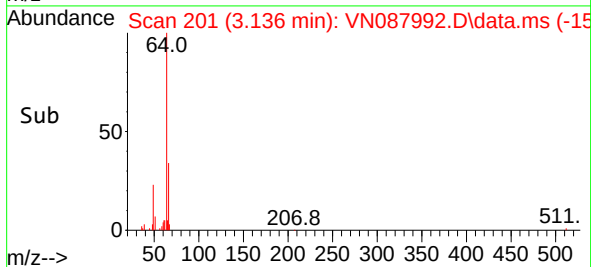
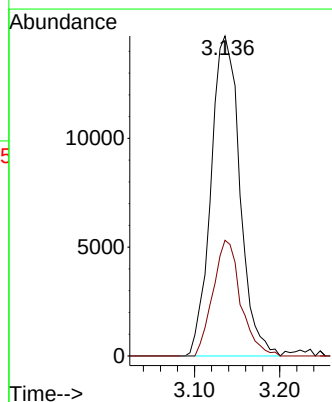
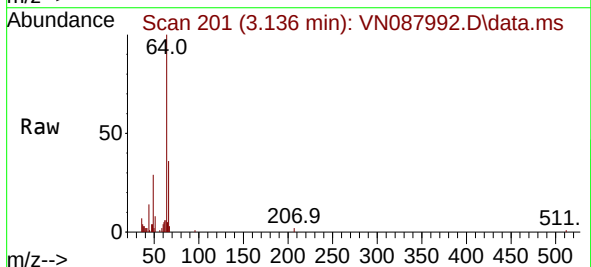
Instrument :
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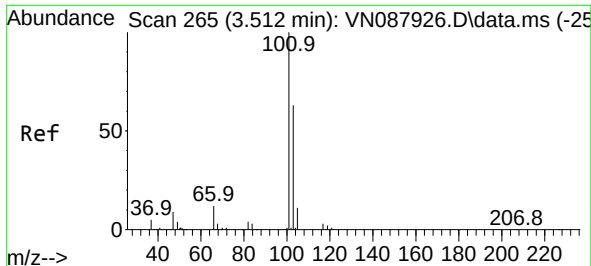
Tgt Ion: 94 Resp: 36976
Ion Ratio Lower Upper
94 100
96 80.4 76.8 115.2



#6
Chloroethane
Concen: 20.511 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 64 Resp: 34796
Ion Ratio Lower Upper
64 100
66 36.2 23.8 35.8#

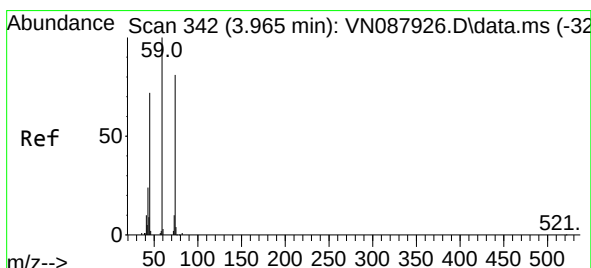
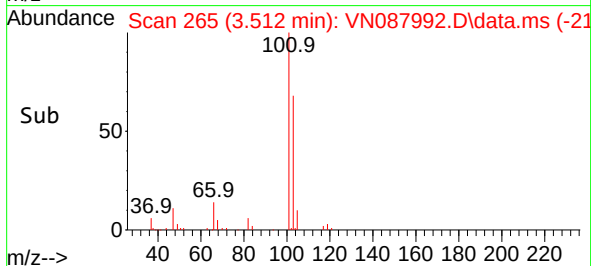
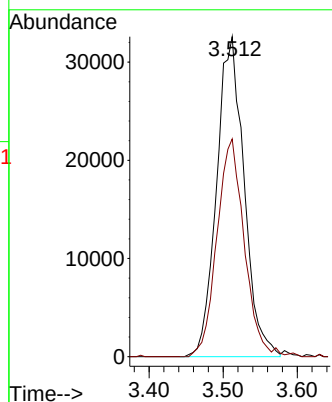
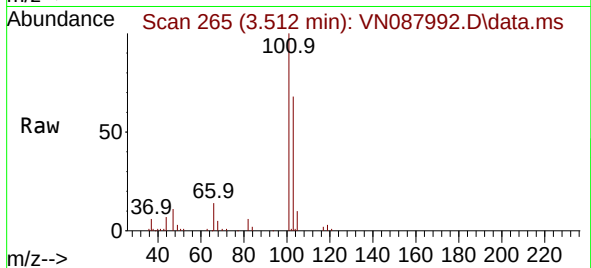




#7
 Trichlorofluoromethane
 Concen: 19.738 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN087992.D
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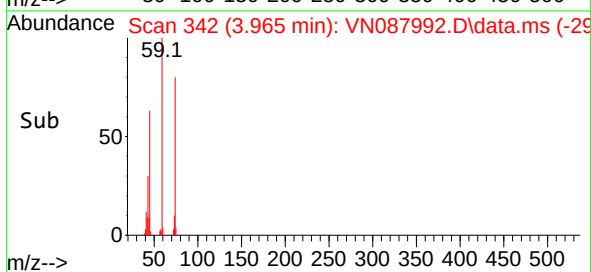
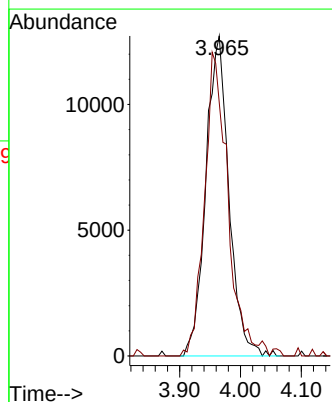
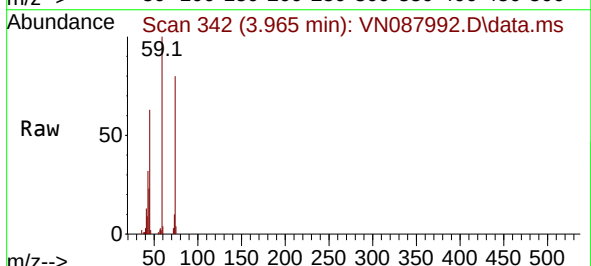
Instrument :
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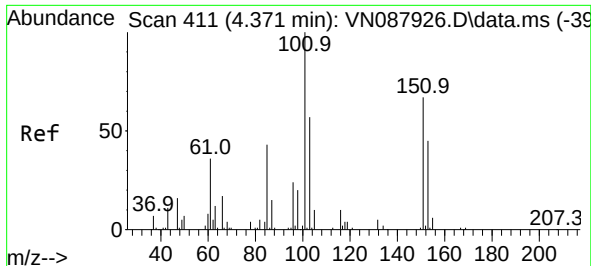
Tgt Ion:101 Resp: 83846
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 20.897 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion: 74 Resp: 33536
 Ion Ratio Lower Upper
 74 100
 45 94.6 45.4 136.1

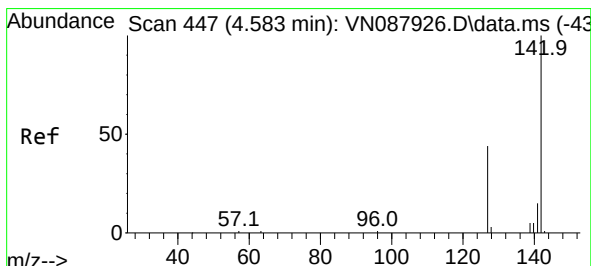
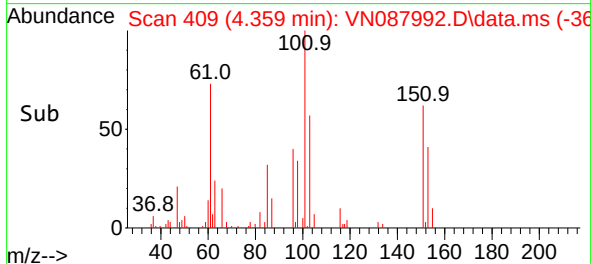
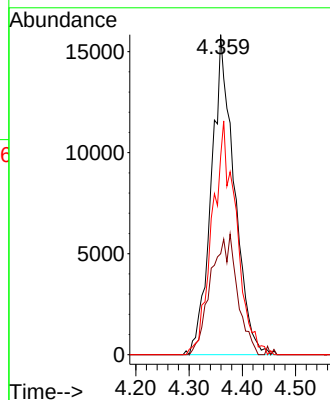
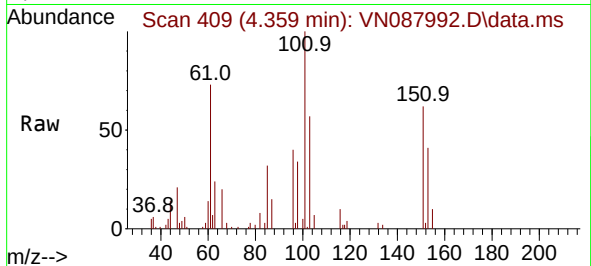




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.140 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
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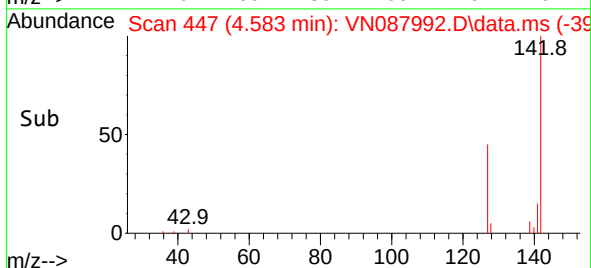
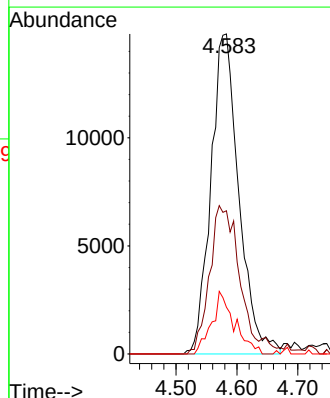
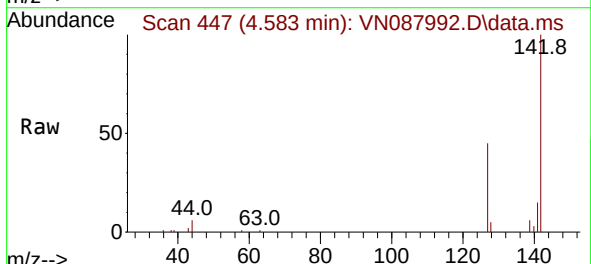
Instrument :
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 ClientSampleId :
 VN0930WBS01

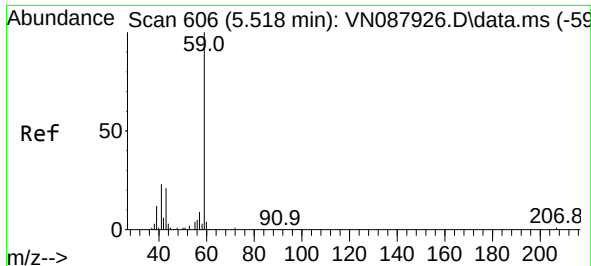
Tgt Ion:101	Resp:	47464
Ion	Ratio	Lower Upper
101	100	
85	43.4	36.5 54.7
151	76.6	58.6 87.8



#10
 Methyl Iodide
 Concen: 23.395 ug/l
 RT: 4.583 min Scan# 447
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion:142	Resp:	47275
Ion	Ratio	Lower Upper
142	100	
127	44.7	35.3 52.9
141	14.6	11.8 17.8

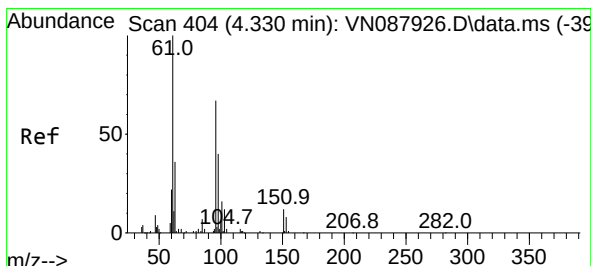
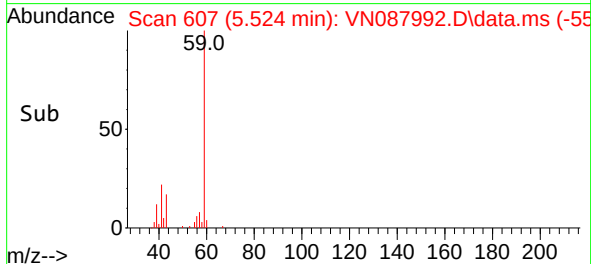
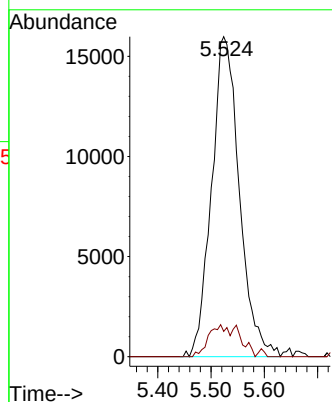
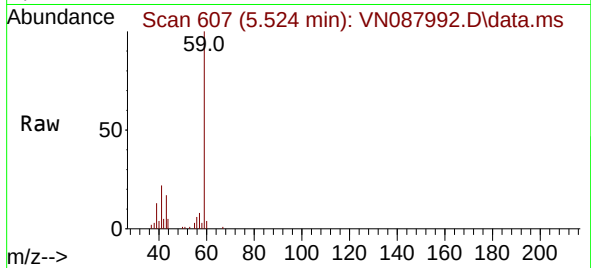




#11
Tert butyl alcohol
Concen: 110.747 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

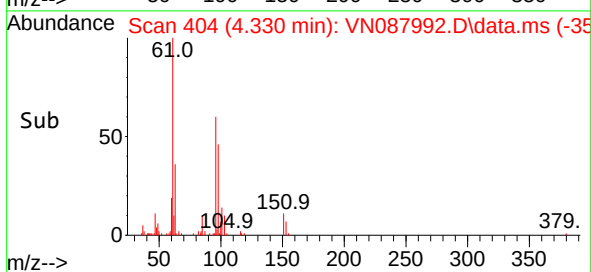
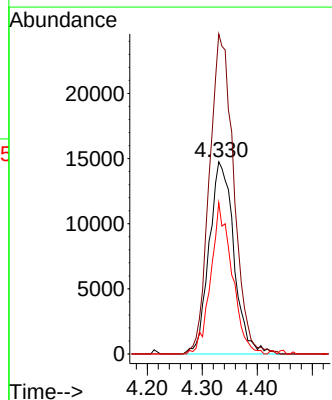
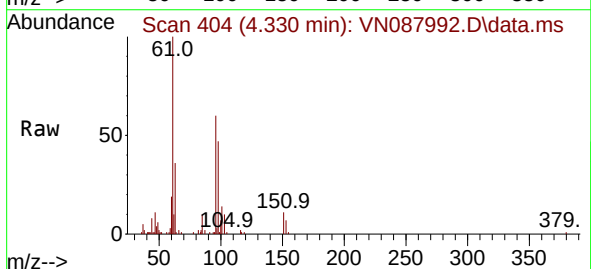
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

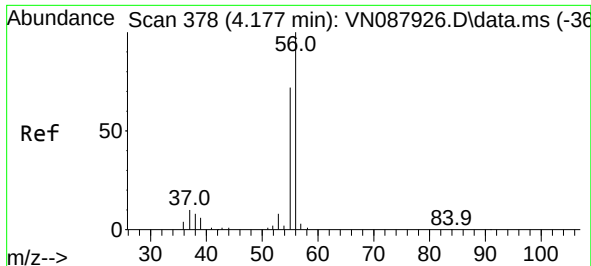
Tgt Ion: 59 Resp: 57896
Ion Ratio Lower Upper
59 100
57 7.1 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 20.380 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 96 Resp: 46168
Ion Ratio Lower Upper
96 100
61 166.5 119.2 178.8
98 78.6 47.5 71.3#





#13

Acrolein

Concen: 92.795 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

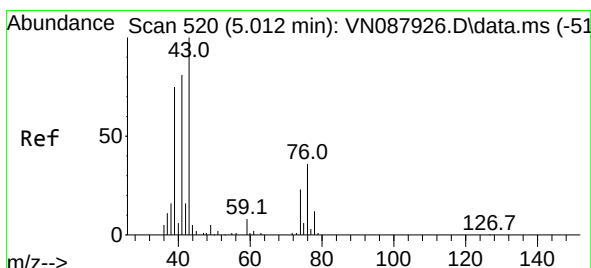
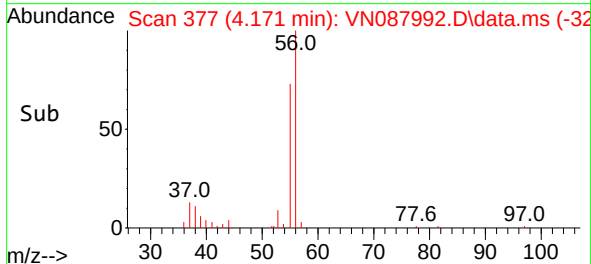
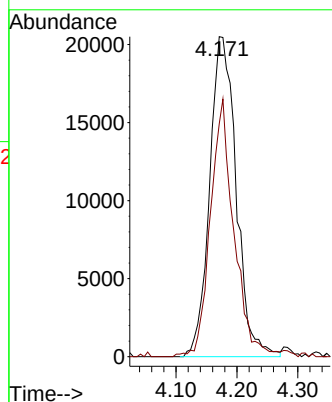
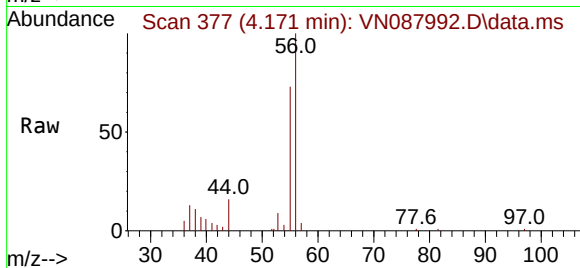
VN0930WBS01

Tgt Ion: 56 Resp: 62245

Ion Ratio Lower Upper

56 100

55 70.7 59.3 88.9



#14

Allyl chloride

Concen: 19.826 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

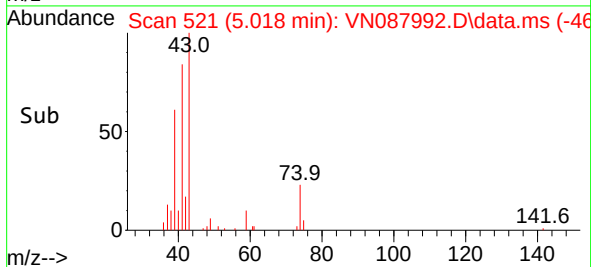
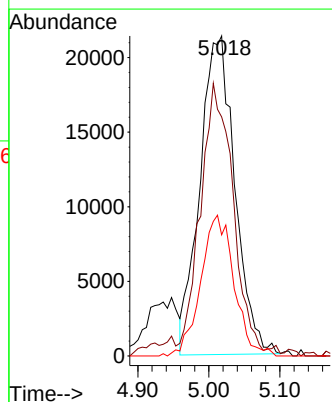
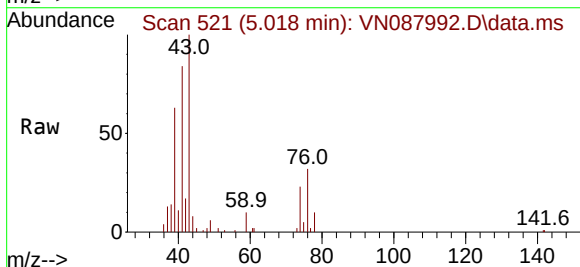
Tgt Ion: 41 Resp: 73120

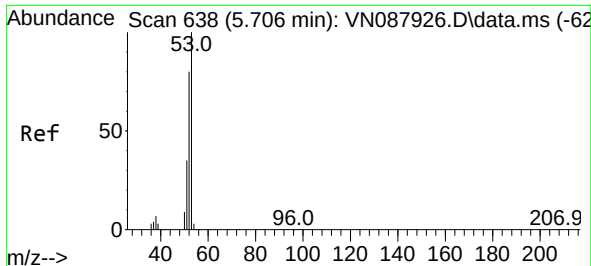
Ion Ratio Lower Upper

41 100

39 76.8 63.8 95.8

76 42.0 33.0 49.6

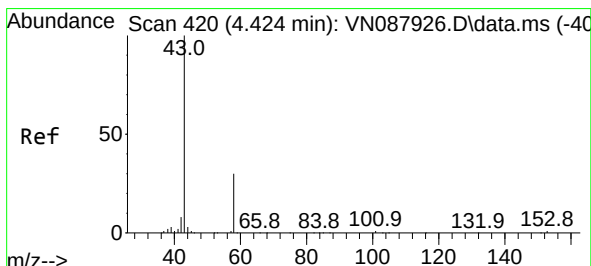
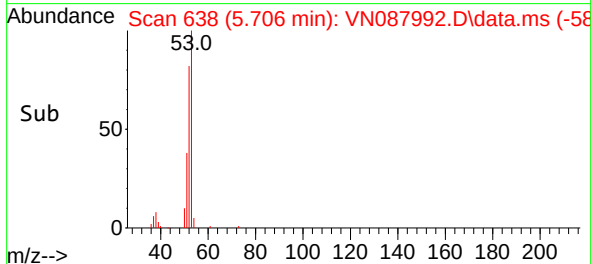
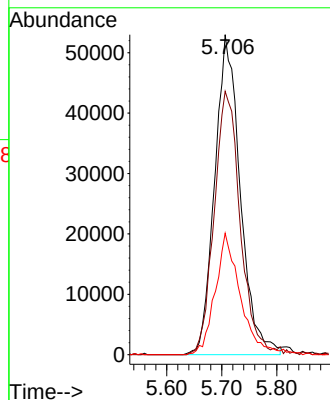
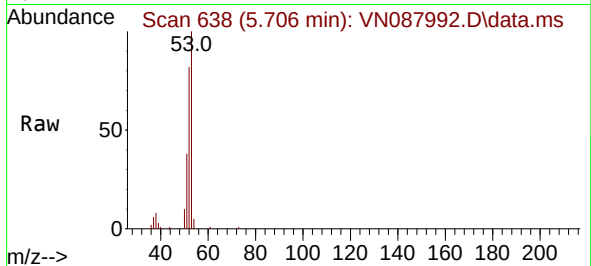




#15
Acrylonitrile
Concen: 104.292 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

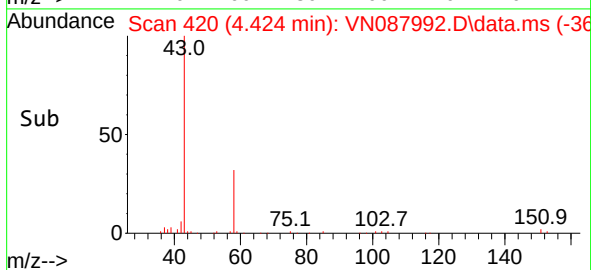
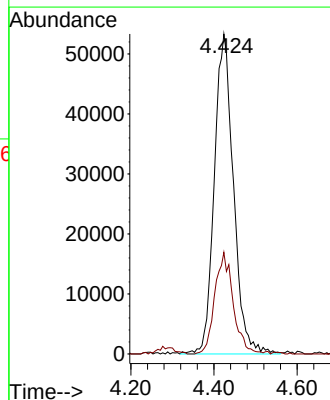
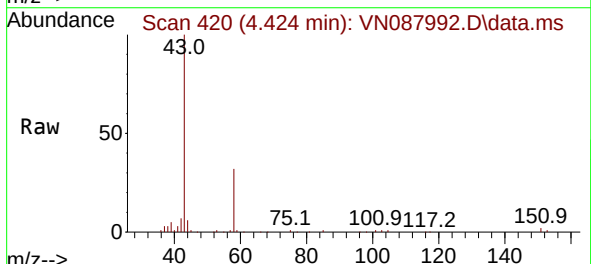
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

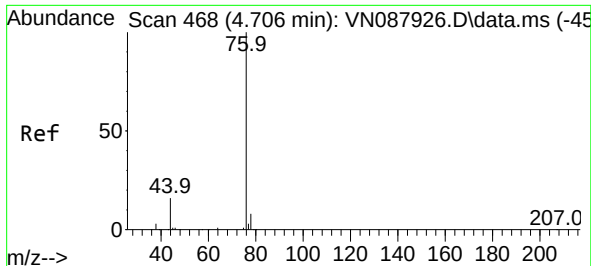
Tgt Ion: 53 Resp: 171021
Ion Ratio Lower Upper
53 100
52 83.2 66.6 99.8
51 37.7 29.0 43.4



#16
Acetone
Concen: 114.277 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 43 Resp: 170655
Ion Ratio Lower Upper
43 100
58 31.3 24.1 36.1

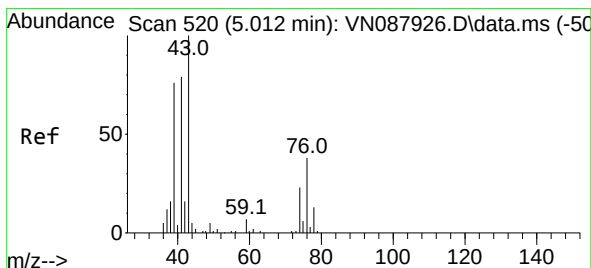
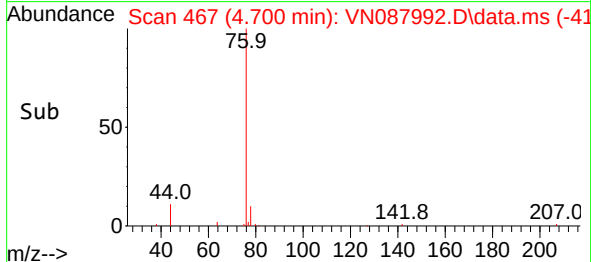
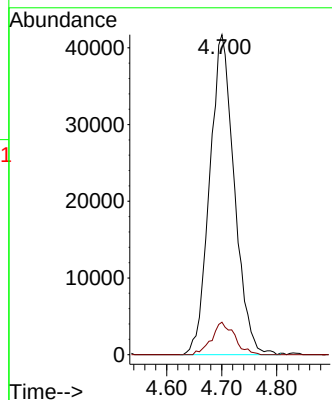
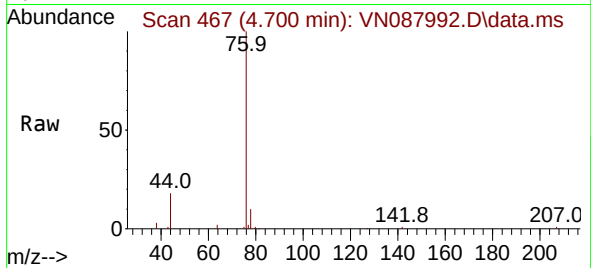




#17
Carbon Disulfide
Concen: 18.367 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

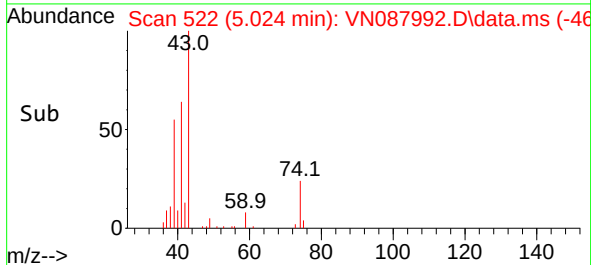
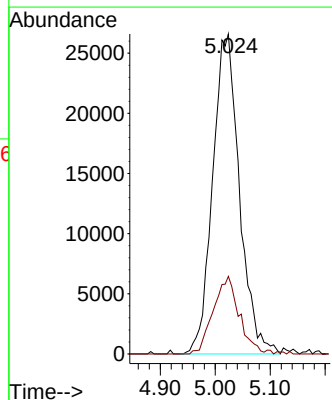
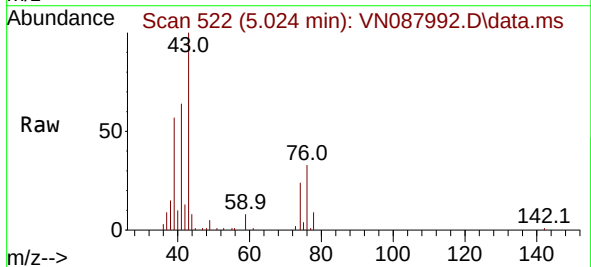
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

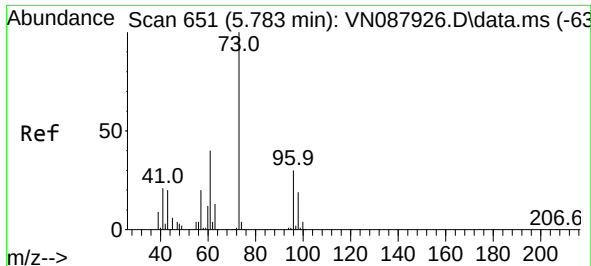
Tgt Ion: 76 Resp: 130004
Ion Ratio Lower Upper
76 100
78 10.2 6.7 10.1#



#18
Methyl Acetate
Concen: 24.068 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 43 Resp: 89948
Ion Ratio Lower Upper
43 100
74 23.3 19.7 29.5

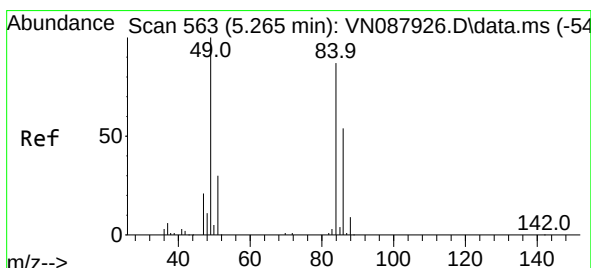
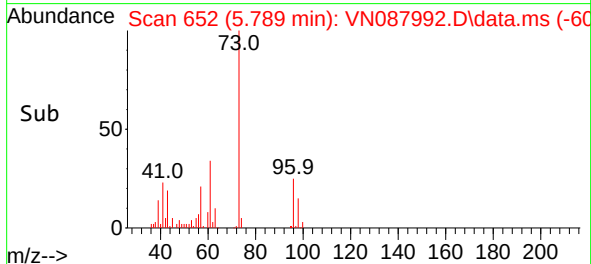
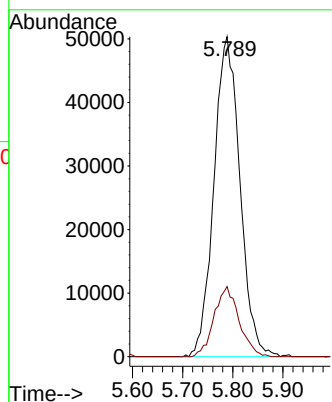
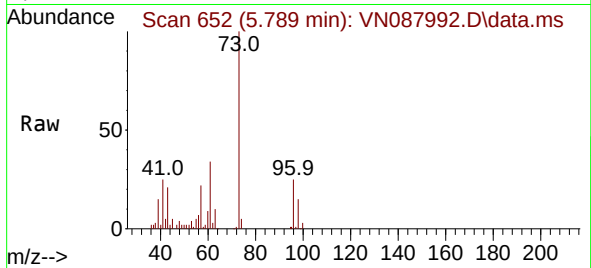




#19
Methyl tert-butyl Ether
Concen: 20.505 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

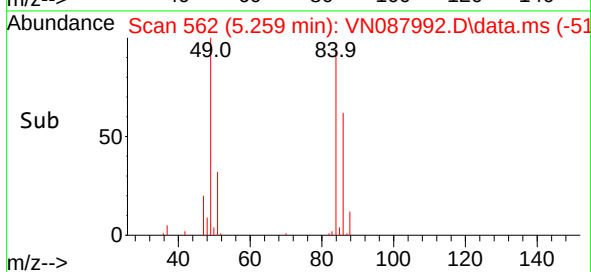
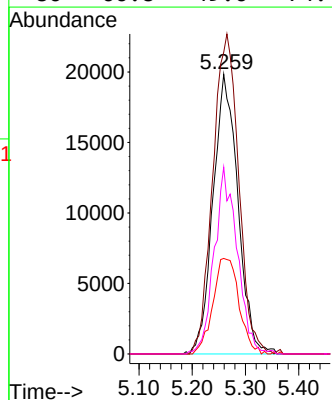
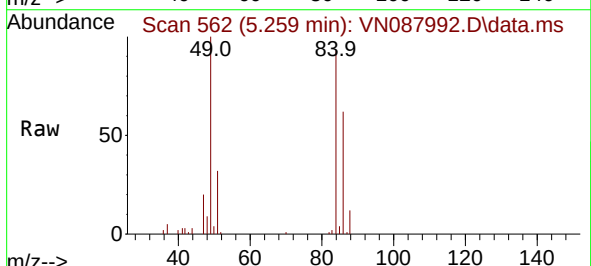
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

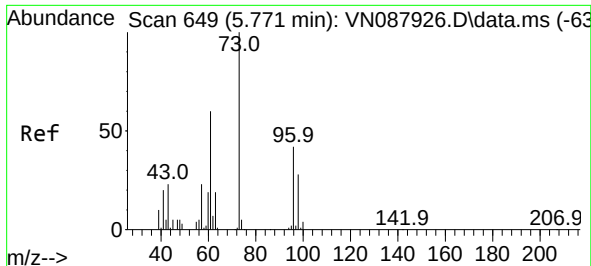
Tgt Ion: 73 Resp: 181461
Ion Ratio Lower Upper
73 100
57 21.9 16.3 24.5



#20
Methylene Chloride
Concen: 21.251 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 84 Resp: 64234
Ion Ratio Lower Upper
84 100
49 107.9 92.1 138.1
51 34.2 27.7 41.5
86 66.8 49.6 74.4

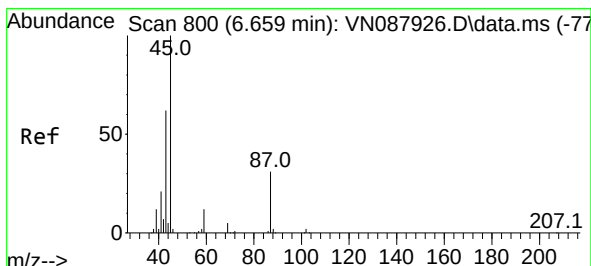
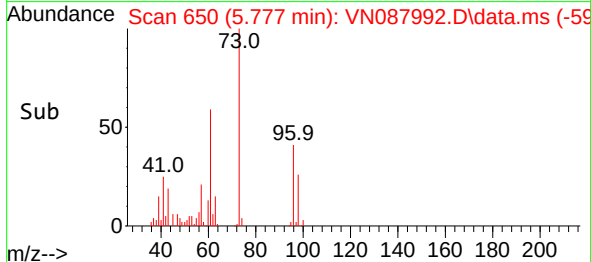
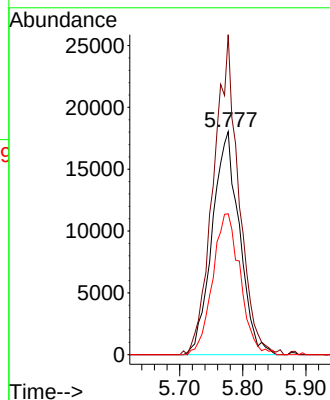
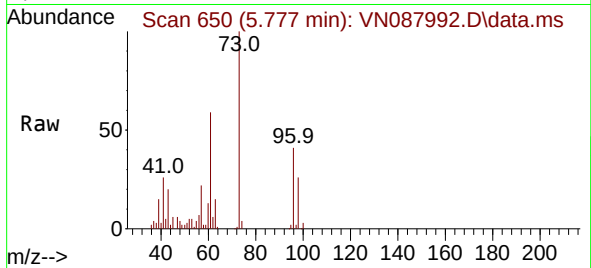




#21
trans-1,2-Dichloroethene
Concen: 19.469 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

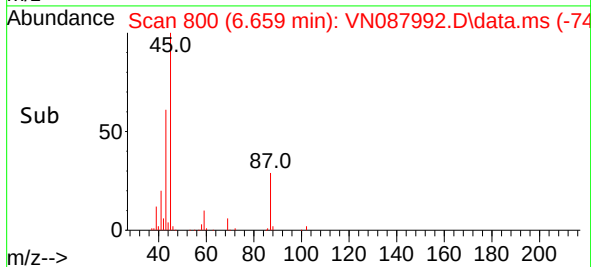
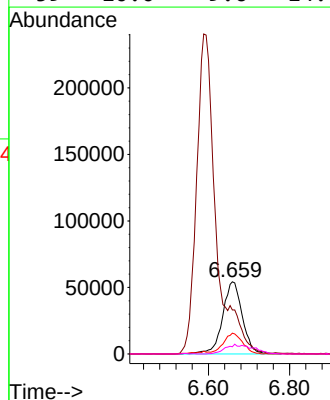
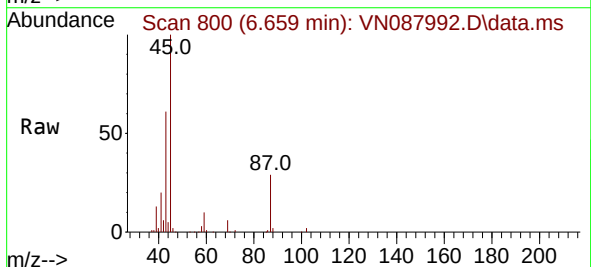
Instrument :
MSVOA_N
ClientSampleId :
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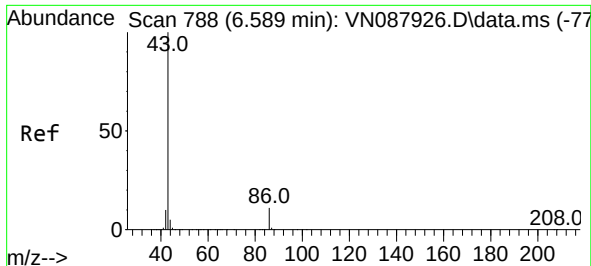
Tgt Ion: 96 Resp: 54070
Ion Ratio Lower Upper
96 100
61 143.5 114.4 171.6
98 63.2 53.6 80.4



#22
Diisopropyl ether
Concen: 21.264 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 45 Resp: 183079
Ion Ratio Lower Upper
45 100
43 59.8 49.9 74.9
87 28.4 25.2 37.8
59 10.0 9.6 14.4

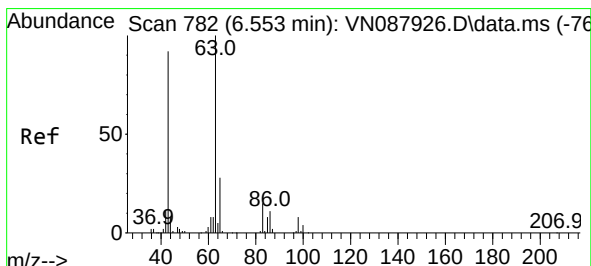
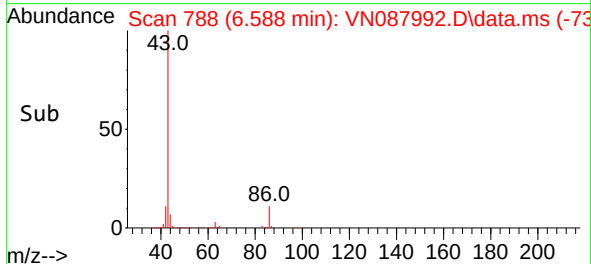
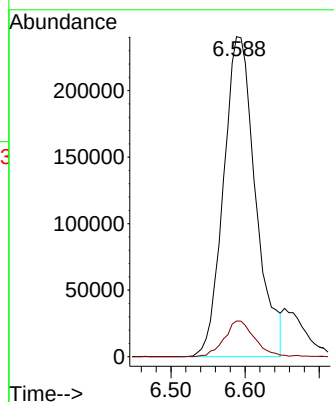
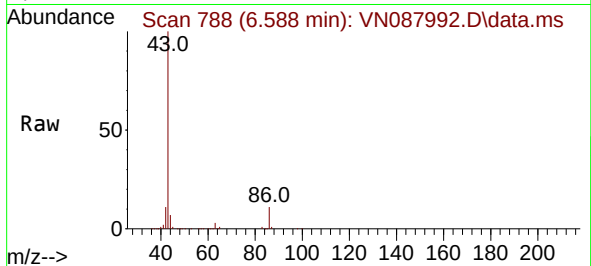




#23
 Vinyl Acetate
 Concen: 99.708 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

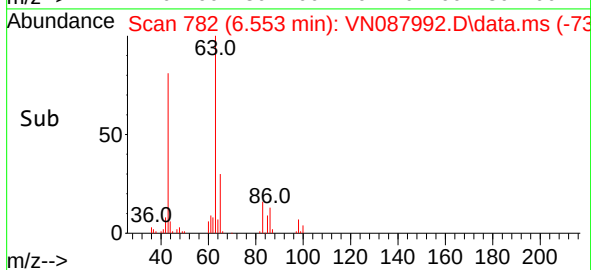
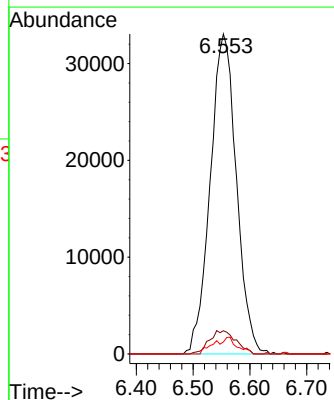
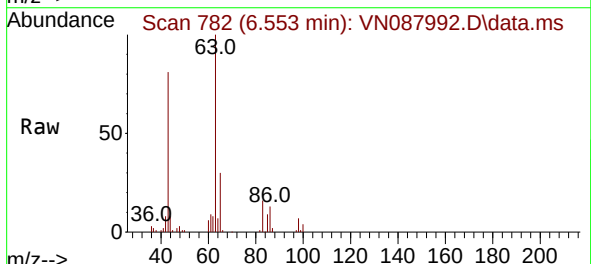
Instrument :
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 ClientSampleId :
 VN0930WBS01

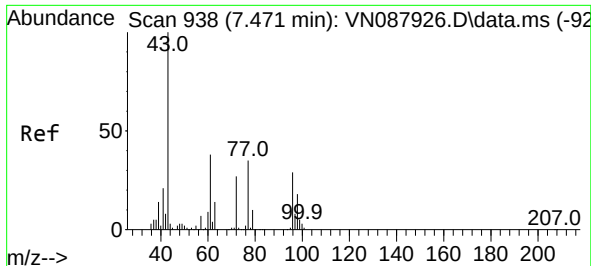
Tgt Ion: 43 Resp: 722817
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.017 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion: 63 Resp: 105719
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 3.8 2.1 6.5

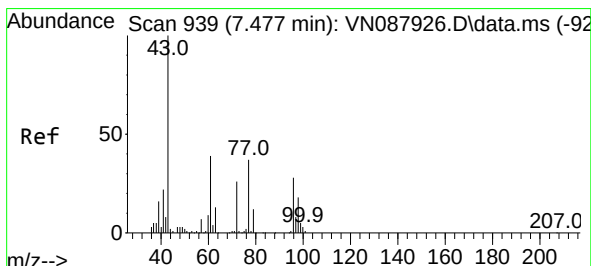
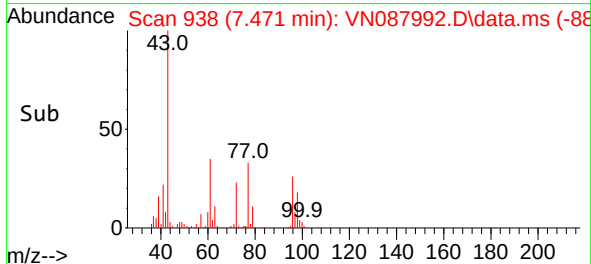
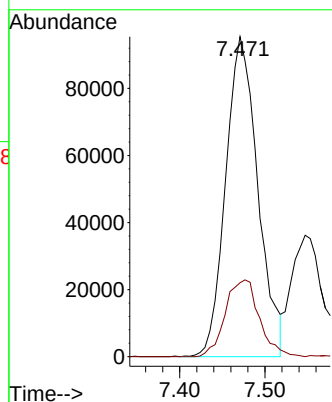
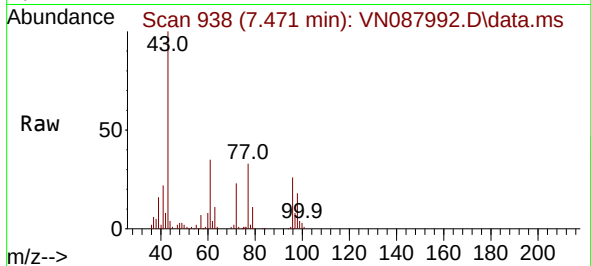




#25
2-Butanone
Concen: 109.707 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

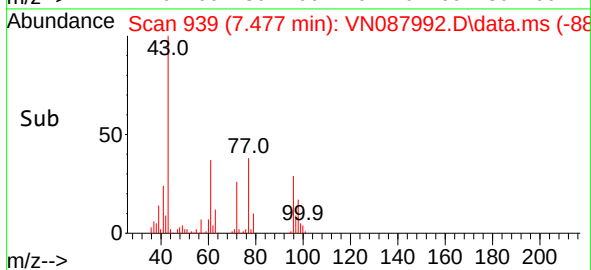
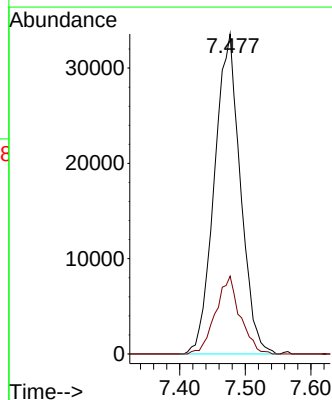
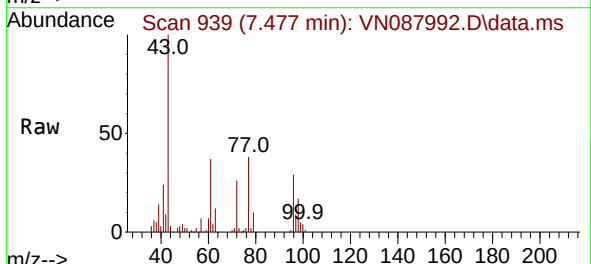
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

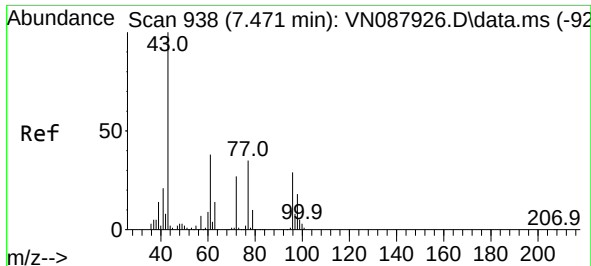
Tgt Ion: 43 Resp: 250408
Ion Ratio Lower Upper
43 100
72 23.1 21.5 32.3



#26
2,2-Dichloropropane
Concen: 20.681 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 77 Resp: 92424
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5

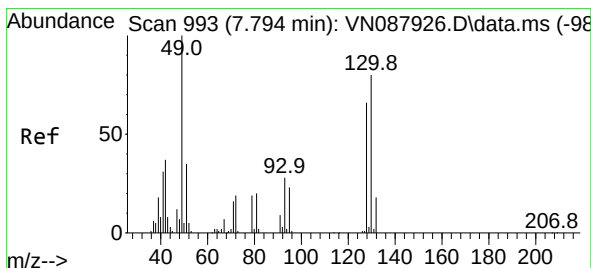
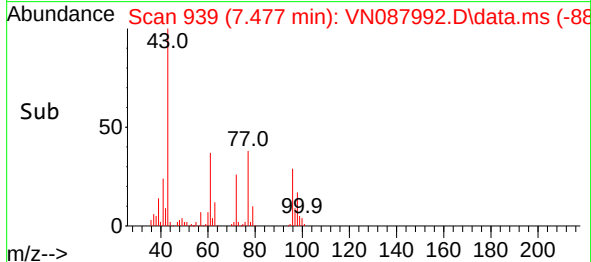
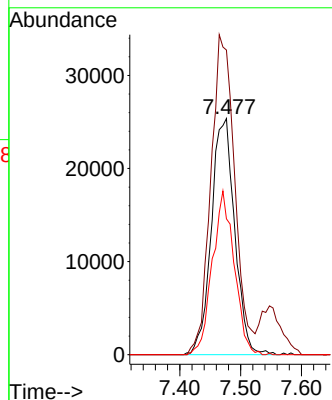
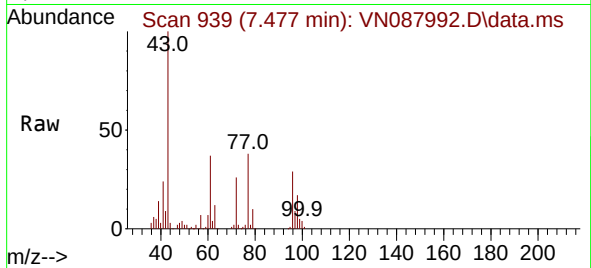




#27
 cis-1,2-Dichloroethene
 Concen: 20.472 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

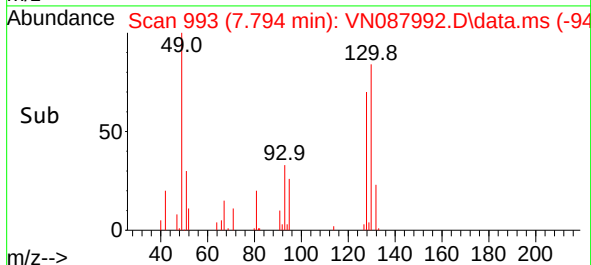
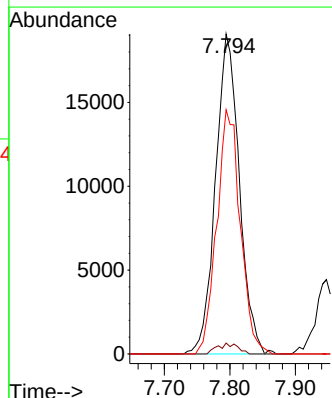
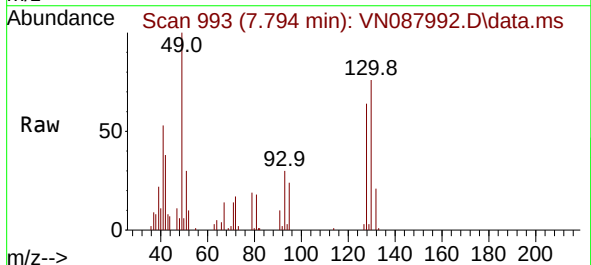
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

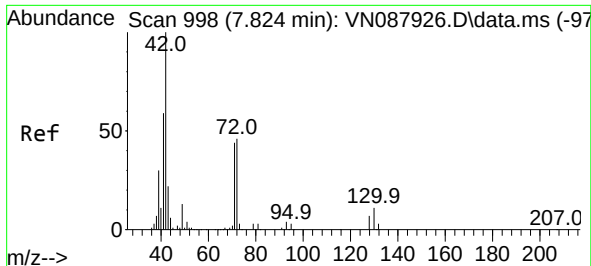
Tgt Ion: 96 Resp: 67648
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 283.0
 98 64.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 17.572 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion: 49 Resp: 48022
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.4
 130 75.3 62.6 94.0





#29

Tetrahydrofuran

Concen: 106.321 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

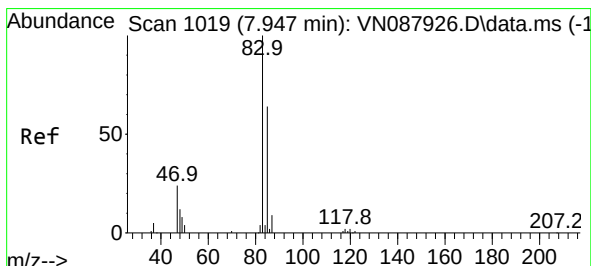
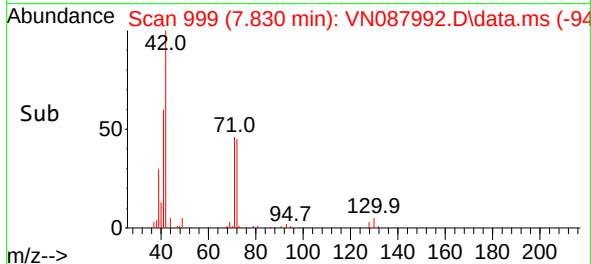
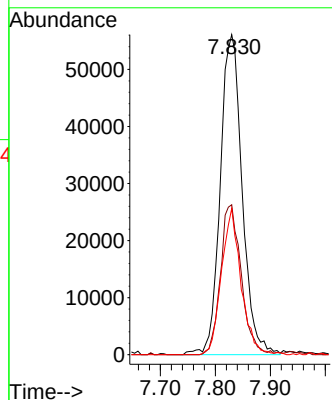
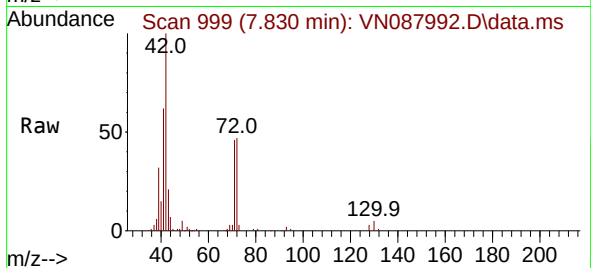
Tgt Ion: 42 Resp: 155392

Ion Ratio Lower Upper

42 100

72 44.2 36.5 54.7

71 40.8 33.8 50.8



#30

Chloroform

Concen: 20.491 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087992.D

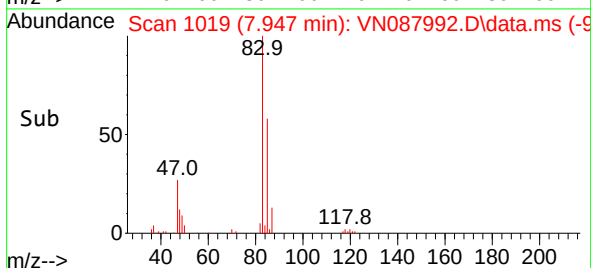
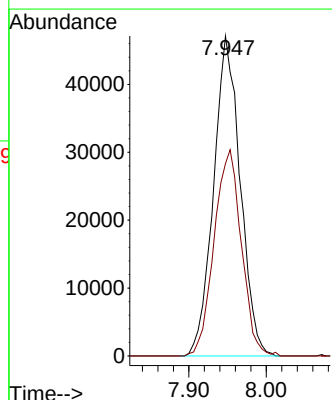
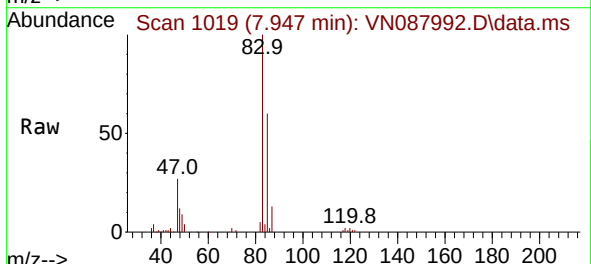
Acq: 30 Sep 2025 10:54

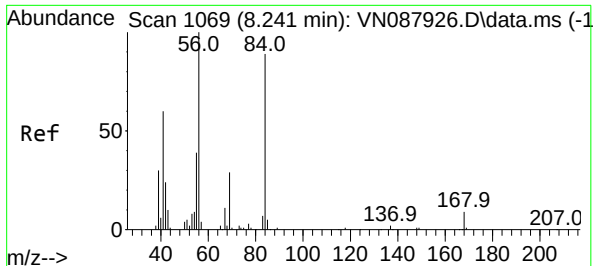
Tgt Ion: 83 Resp: 112697

Ion Ratio Lower Upper

83 100

85 60.1 50.9 76.3

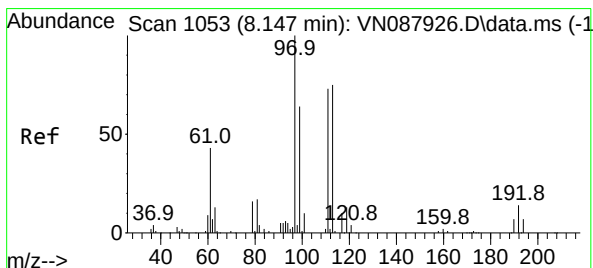
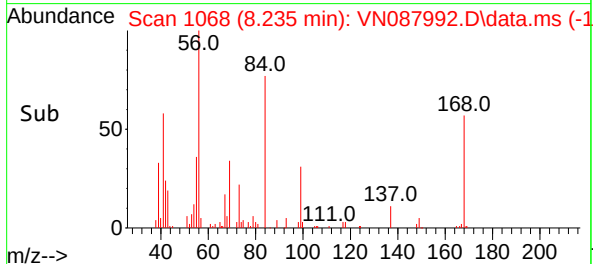
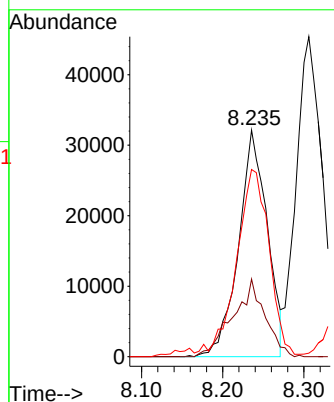
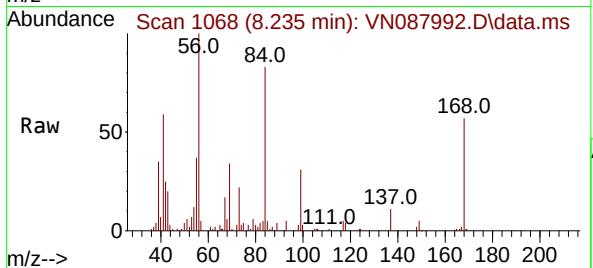




#31
Cyclohexane
Concen: 19.399 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

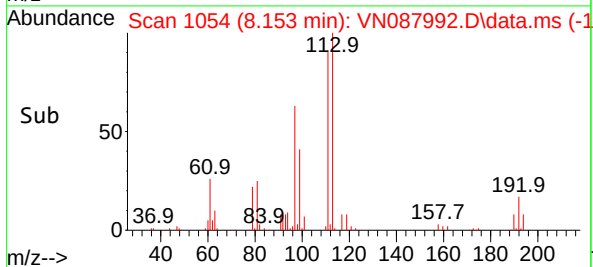
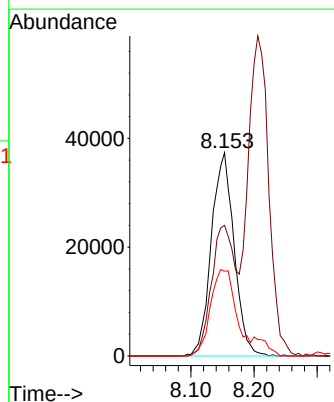
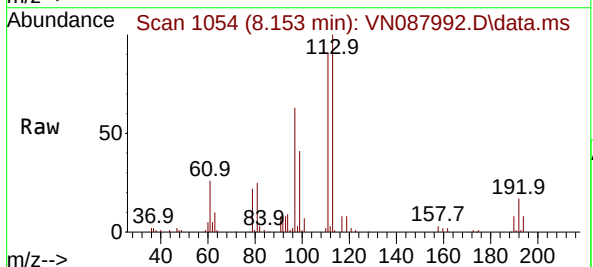
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

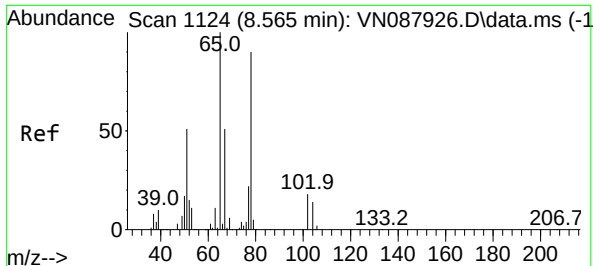
Tgt Ion: 56 Resp: 78954
Ion Ratio Lower Upper
56 100
69 34.3 23.4 35.0
84 80.4 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 20.113 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 97 Resp: 93469
Ion Ratio Lower Upper
97 100
99 68.0 51.1 76.7
61 47.6 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 49.442 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

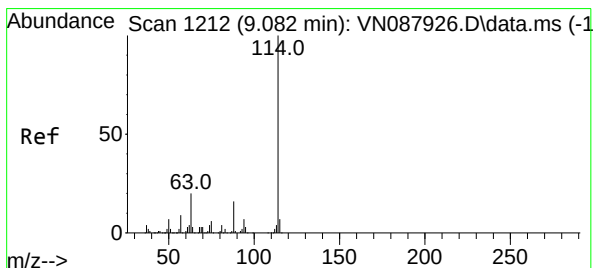
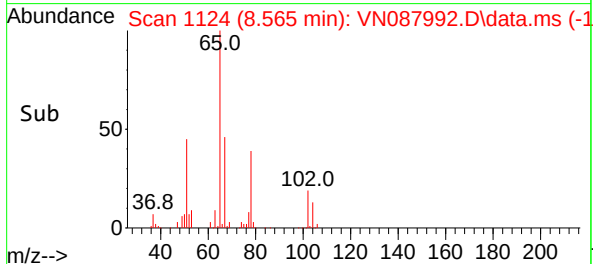
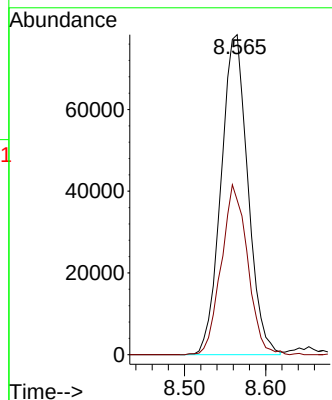
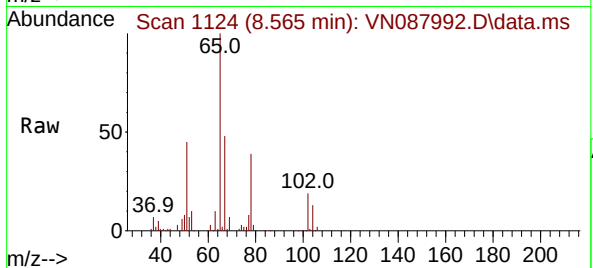
VN0930WBS01

Tgt Ion: 65 Resp: 179452

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

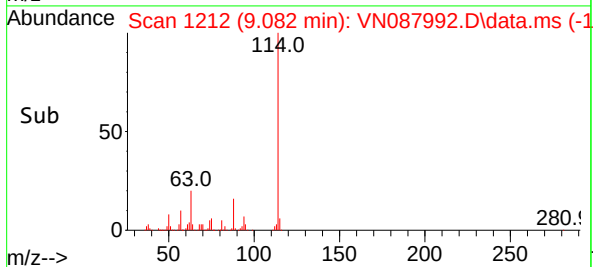
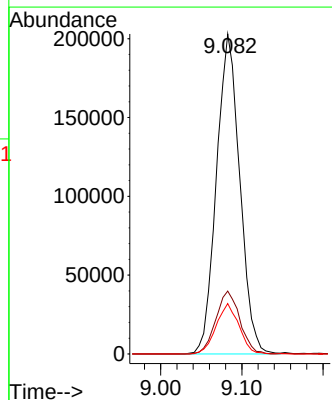
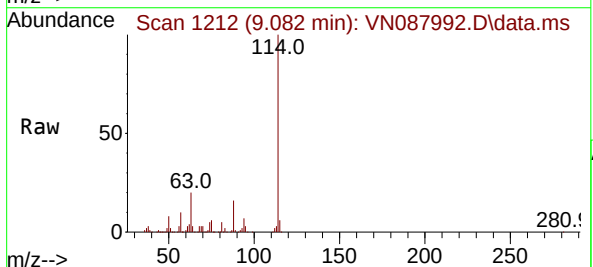
Tgt Ion: 114 Resp: 405584

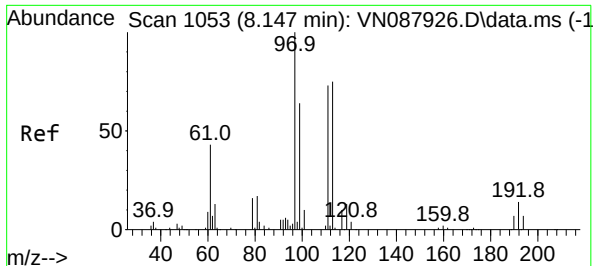
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.878 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

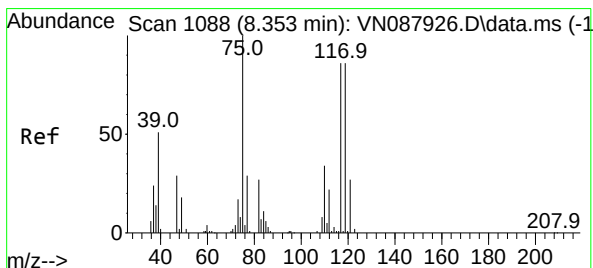
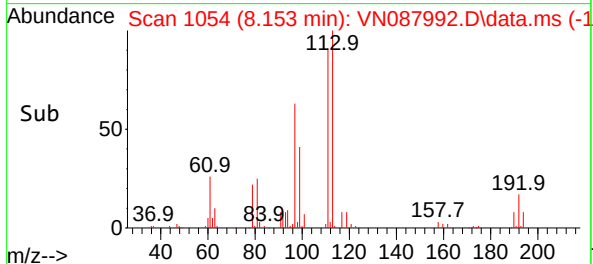
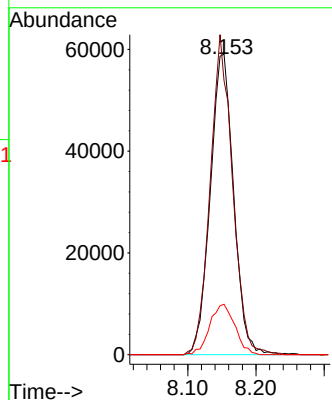
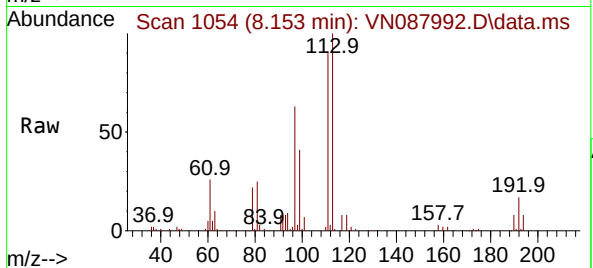
Tgt Ion:113 Resp: 140989

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 19.299 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

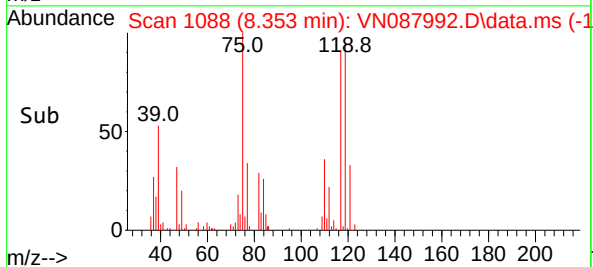
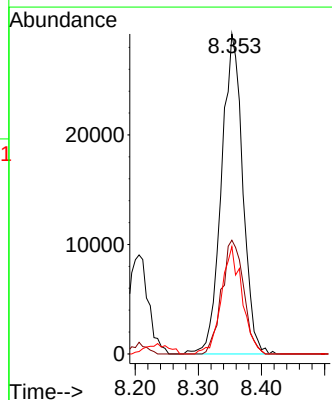
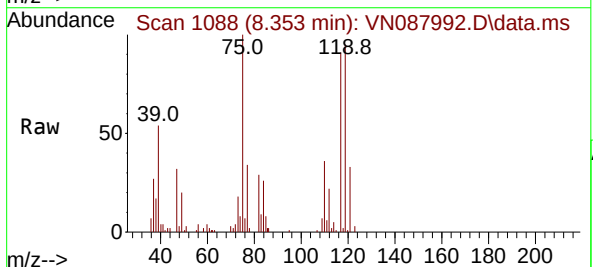
Tgt Ion: 75 Resp: 68336

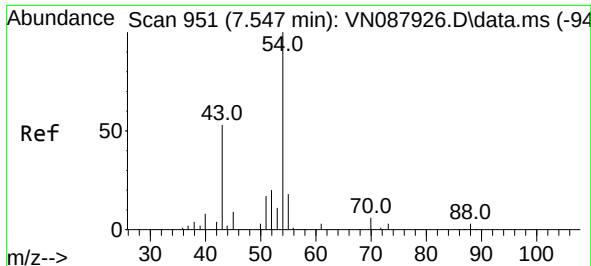
Ion Ratio Lower Upper

75 100

110 36.7 17.1 51.3

77 32.9 24.8 37.2

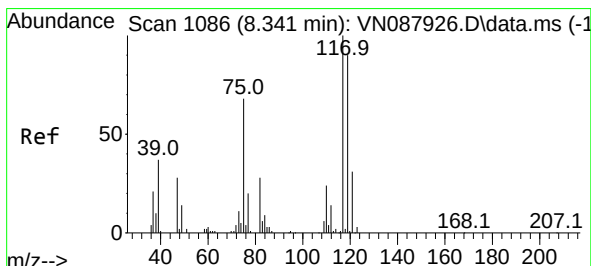
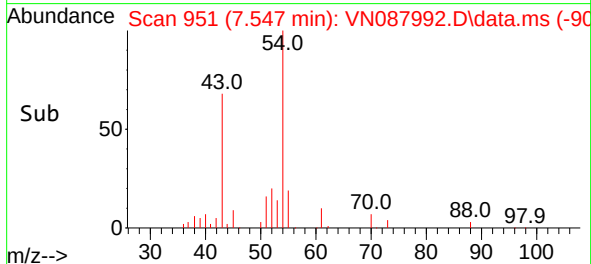
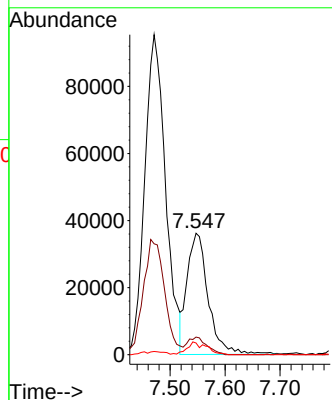
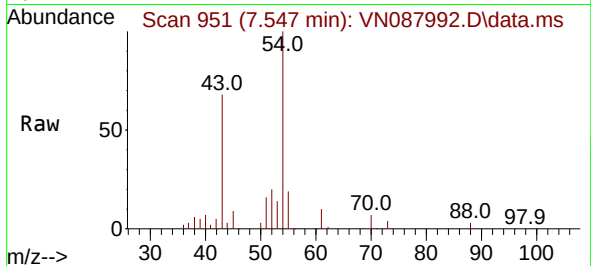




#37
Ethyl Acetate
Concen: 20.737 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

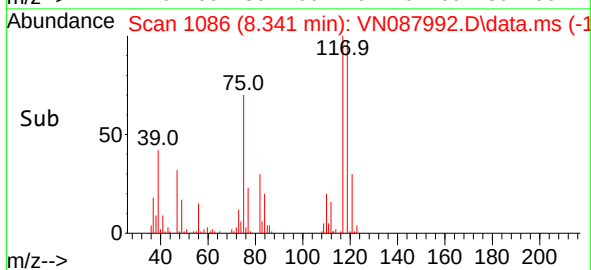
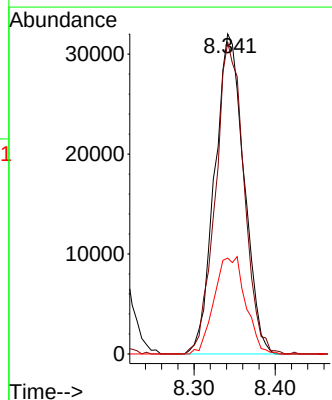
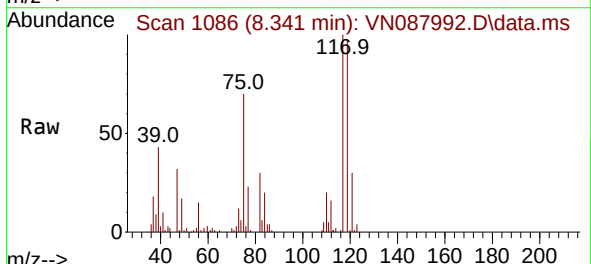
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

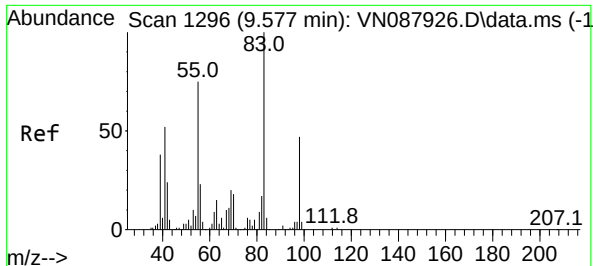
Tgt Ion: 43 Resp: 96424
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.724 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 117 Resp: 80143
Ion Ratio Lower Upper
117 100
119 97.4 72.1 108.1
121 30.0 24.6 36.8





#39

Methylcyclohexane

Concen: 17.863 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

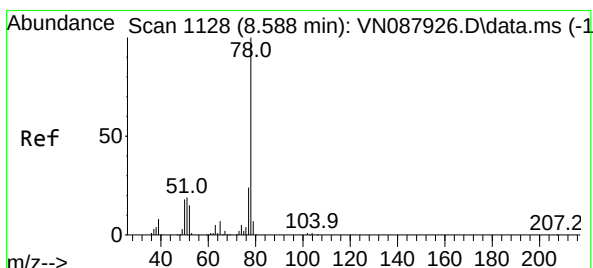
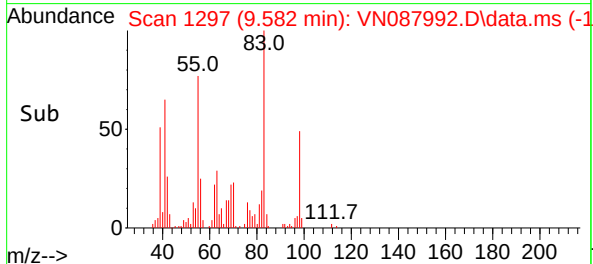
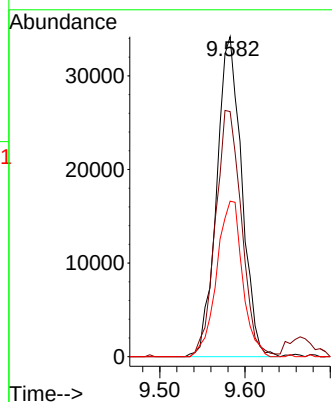
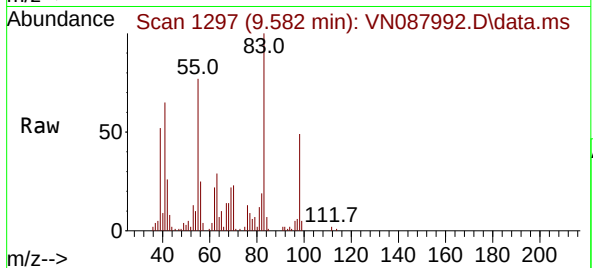
Tgt Ion: 83 Resp: 69776

Ion Ratio Lower Upper

83 100

55 76.6 59.9 89.9

98 48.6 37.4 56.2



#40

Benzene

Concen: 20.053 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087992.D

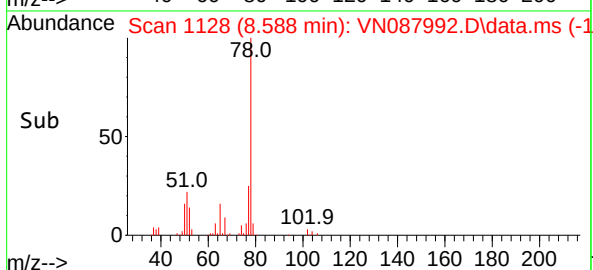
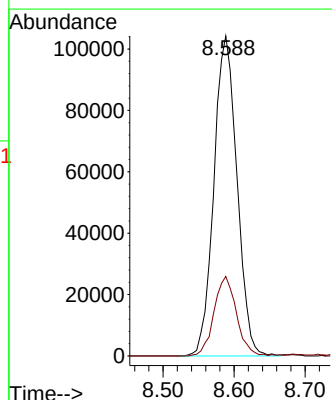
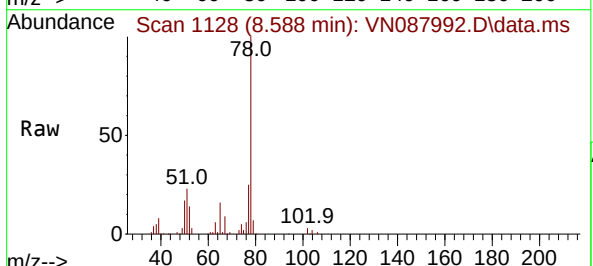
Acq: 30 Sep 2025 10:54

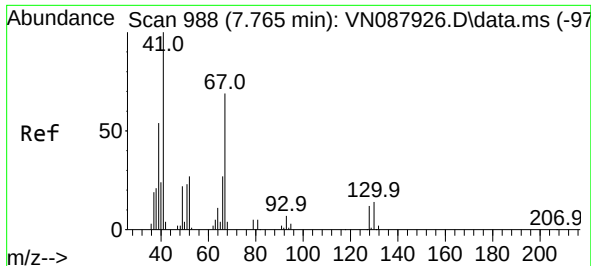
Tgt Ion: 78 Resp: 235104

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

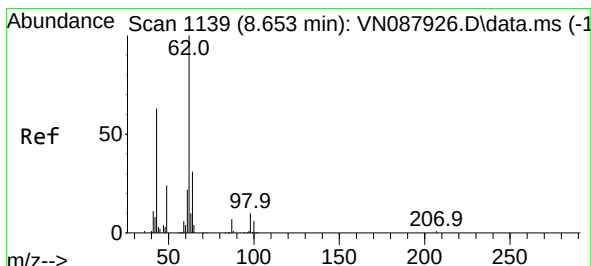
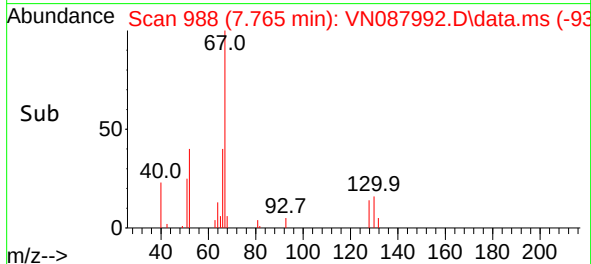
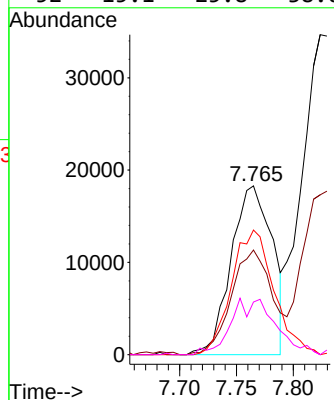
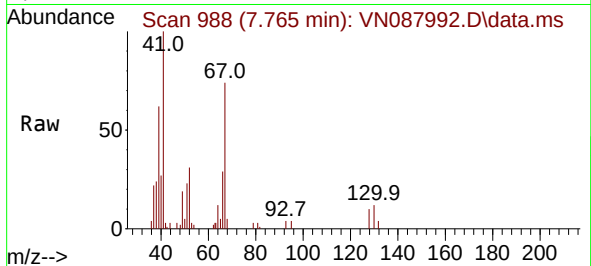




#41
Methacrylonitrile
Concen: 19.169 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

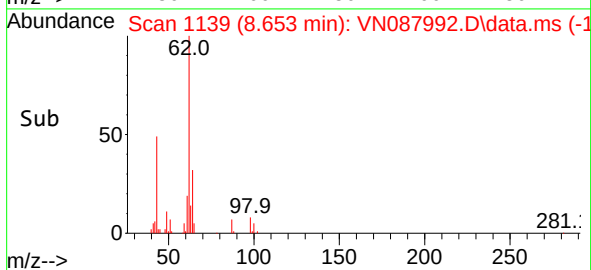
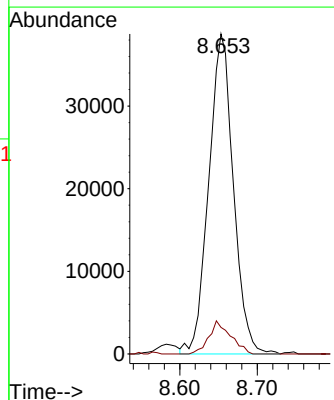
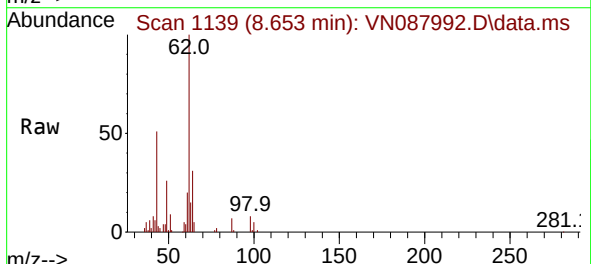
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

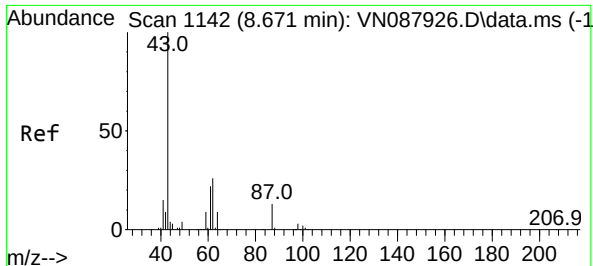
Tgt Ion:	41	Resp:	46063
Ion Ratio	Lower	Upper	
41	100		
39	62.8	43.5	65.3
67	76.3	57.6	86.4
52	15.1	25.8	38.6



#42
1,2-Dichloroethane
Concen: 19.546 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:	62	Resp:	85519
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.355 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

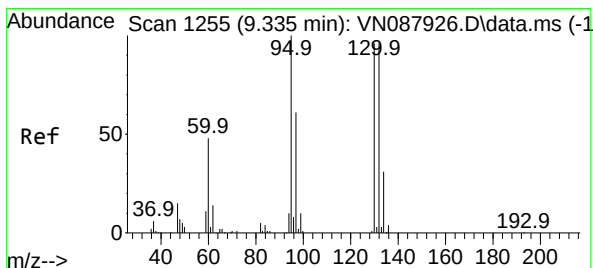
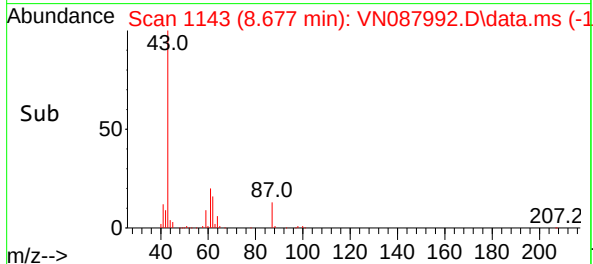
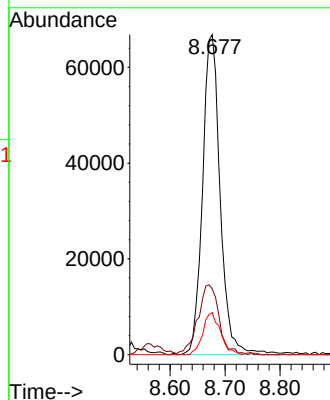
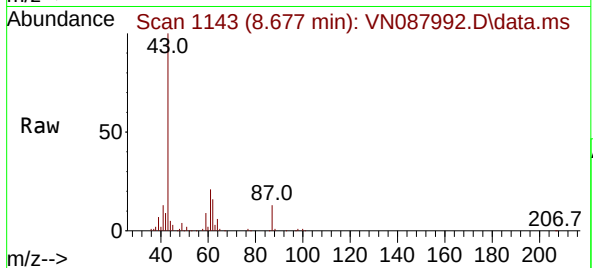
Tgt Ion: 43 Resp: 148983

Ion Ratio Lower Upper

43 100

61 26.3 20.2 30.2

87 13.1 10.9 16.3



#44

Trichloroethene

Concen: 20.141 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087992.D

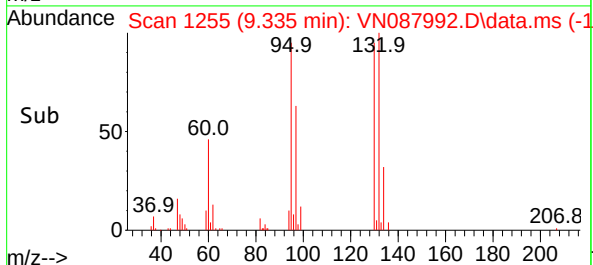
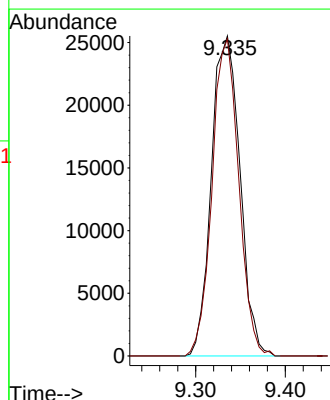
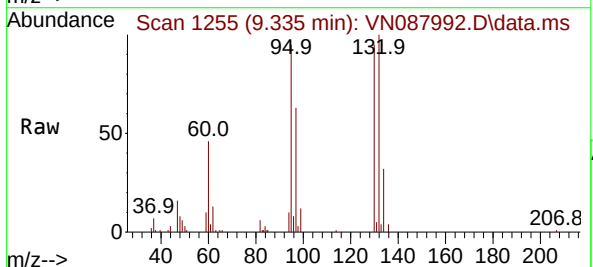
Acq: 30 Sep 2025 10:54

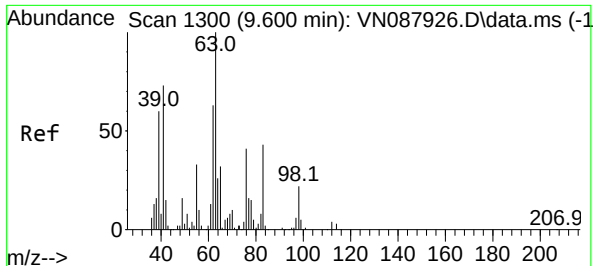
Tgt Ion:130 Resp: 56404

Ion Ratio Lower Upper

130 100

95 99.1 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.092 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

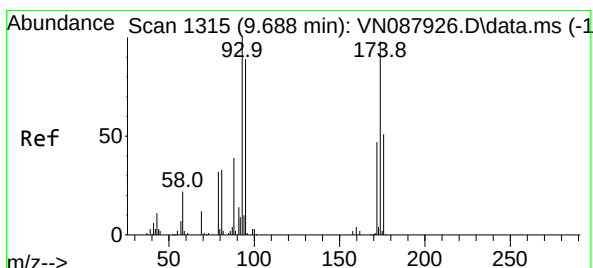
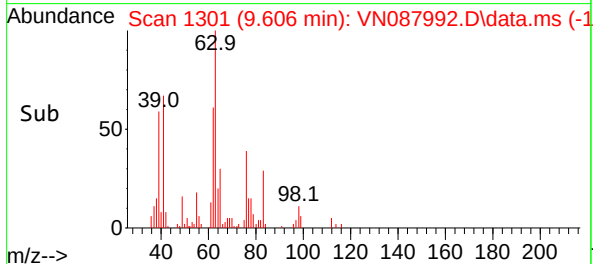
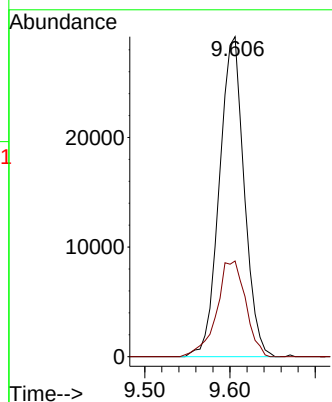
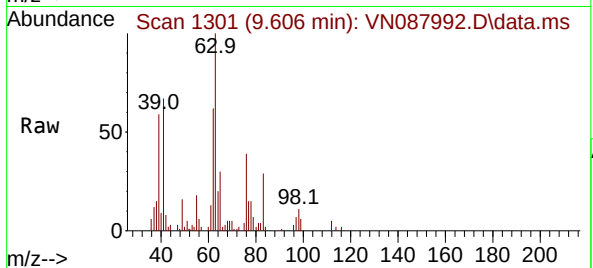
VN0930WBS01

Tgt Ion: 63 Resp: 59069

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.0



#46

Dibromomethane

Concen: 20.729 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

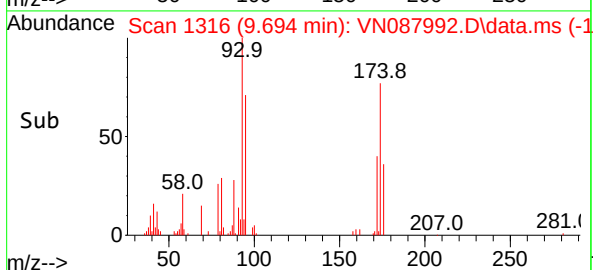
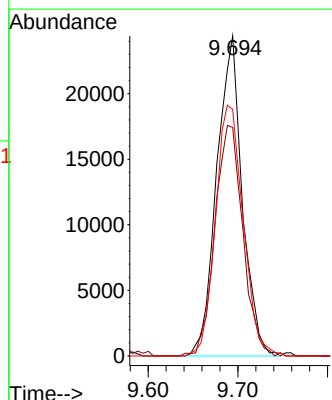
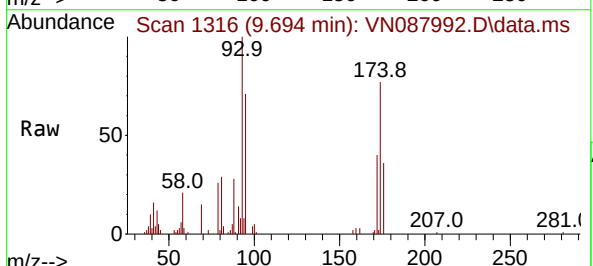
Tgt Ion: 93 Resp: 48087

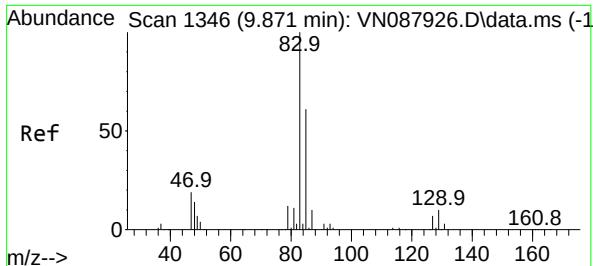
Ion Ratio Lower Upper

93 100

95 79.0 67.6 101.4

174 85.2 75.4 113.0





#47

Bromodichloromethane

Concen: 20.708 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

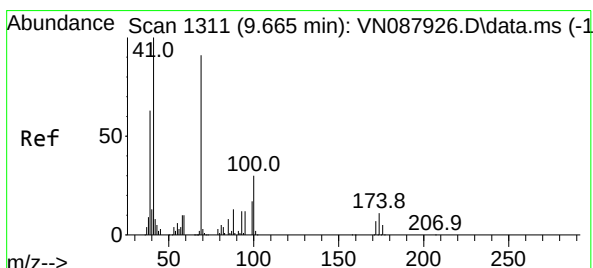
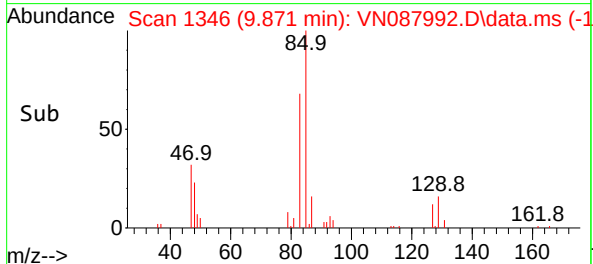
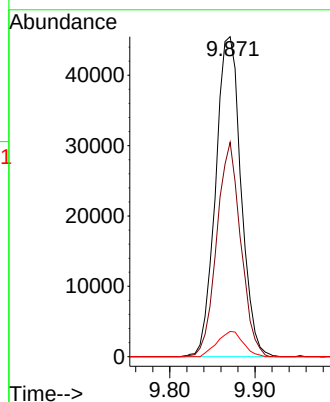
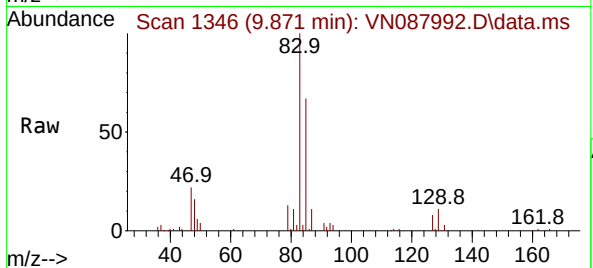
Tgt Ion: 83 Resp: 94221

Ion Ratio Lower Upper

83 100

85 67.0 49.1 73.7

127 7.9 5.9 8.9



#48

Methyl methacrylate

Concen: 18.741 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

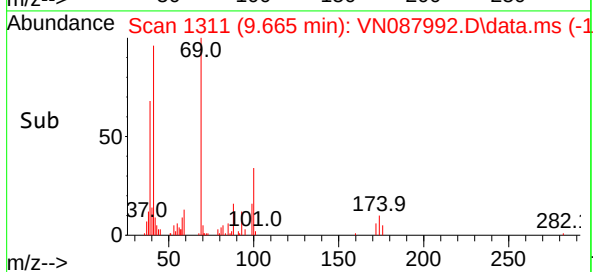
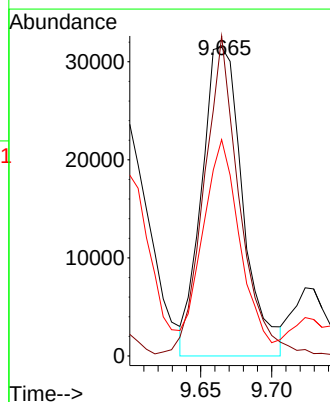
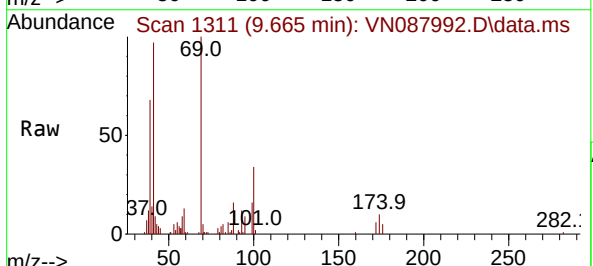
Tgt Ion: 41 Resp: 63520

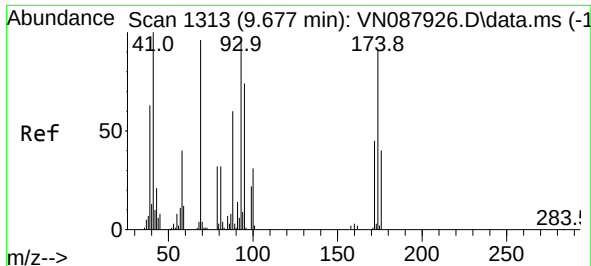
Ion Ratio Lower Upper

41 100

69 88.6 70.9 106.3

39 63.8 52.9 79.3





#49

1,4-Dioxane

Concen: 451.250 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

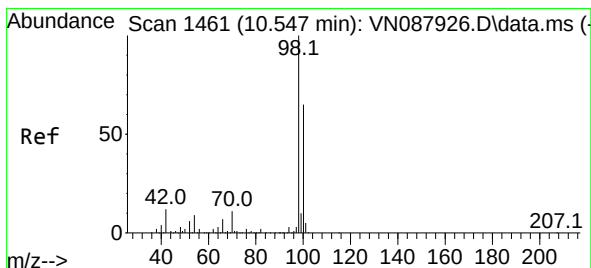
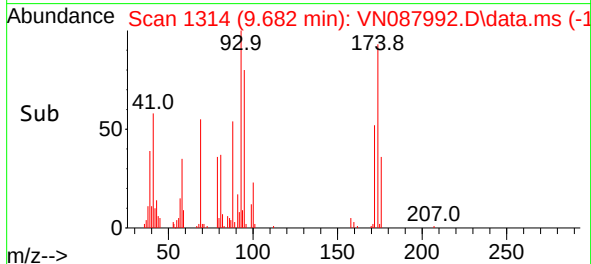
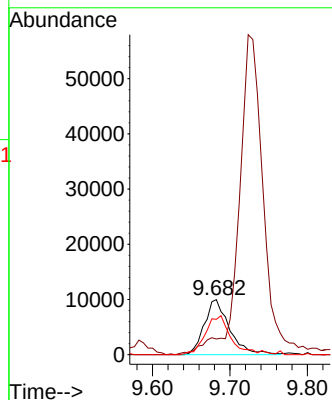
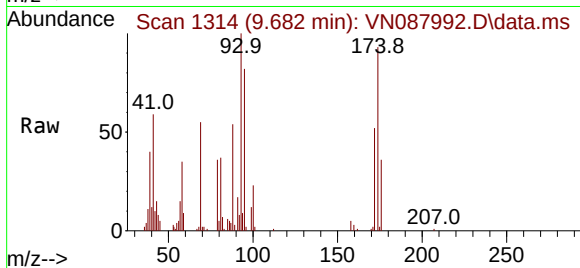
Tgt Ion: 88 Resp: 22595

Ion Ratio Lower Upper

88 100

43 21.4 22.6 33.8#

58 72.5 57.4 86.2



#50

Toluene-d8

Concen: 48.220 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087992.D

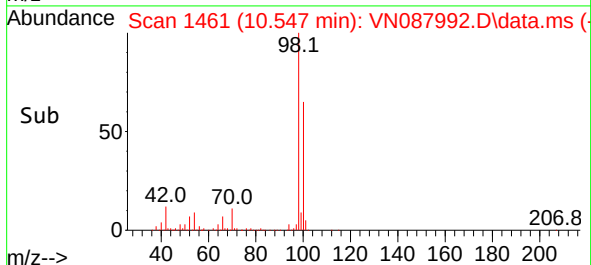
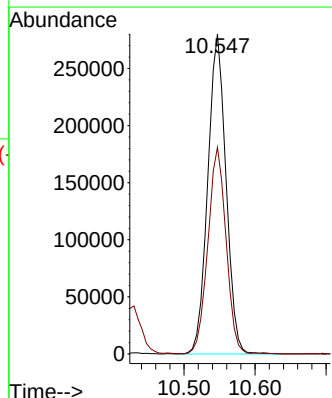
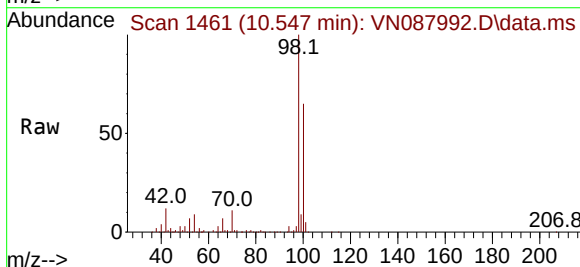
Acq: 30 Sep 2025 10:54

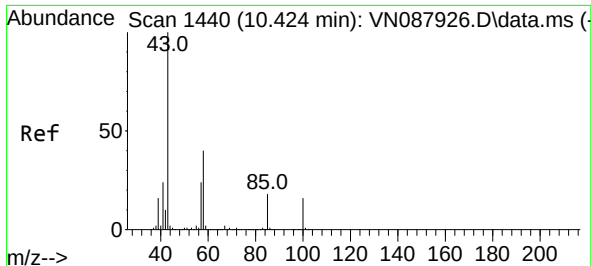
Tgt Ion: 98 Resp: 499350

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5

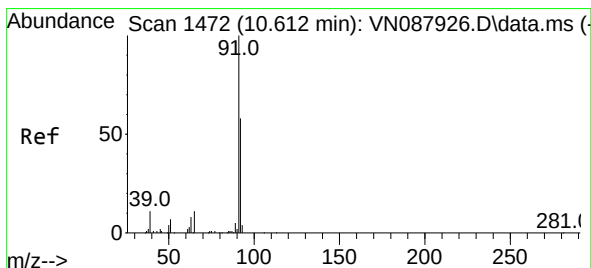
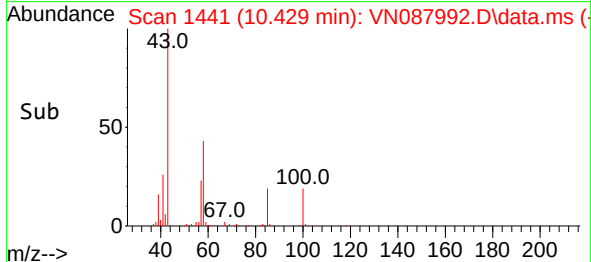
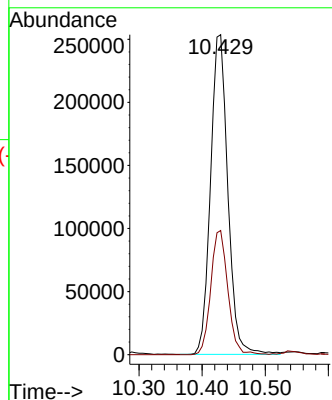
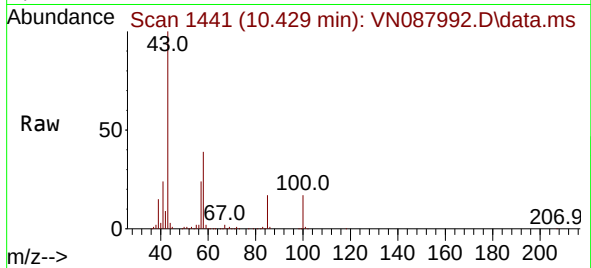




#51
4-Methyl-2-Pentanone
Concen: 105.743 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

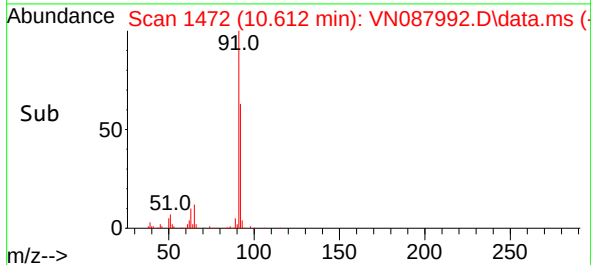
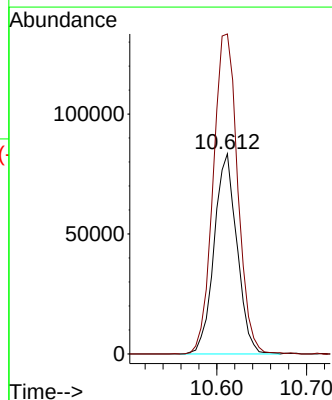
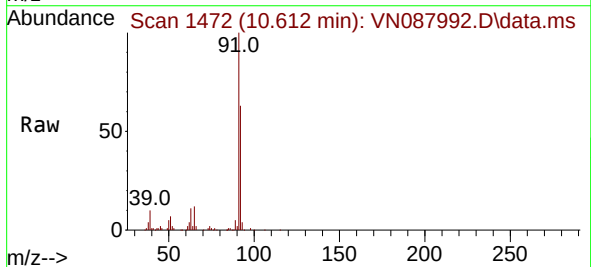
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

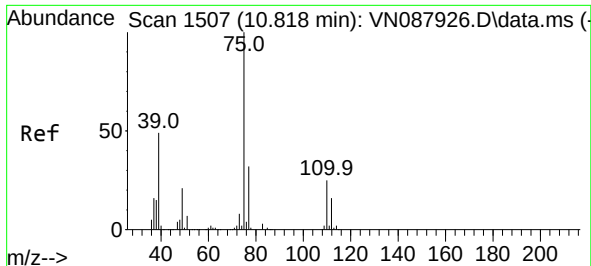
Tgt Ion: 43 Resp: 482936
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.6



#52
Toluene
Concen: 20.055 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 92 Resp: 147547
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

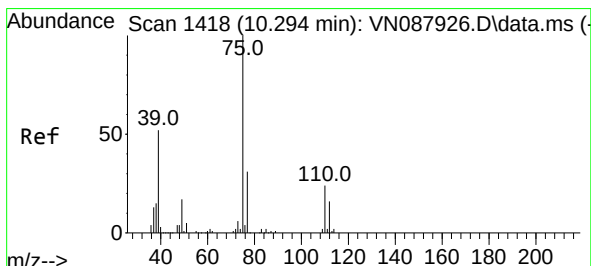
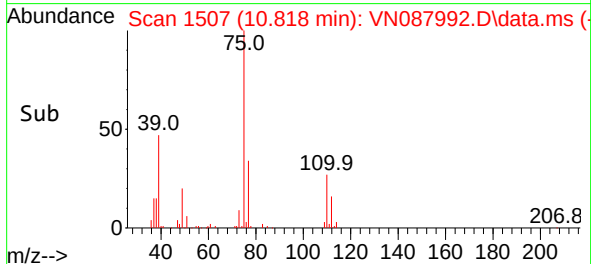
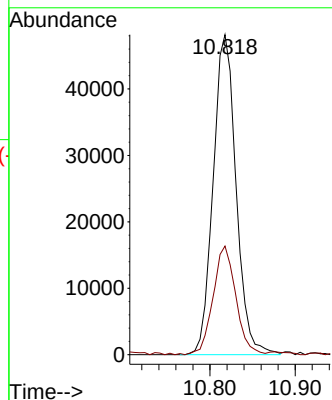
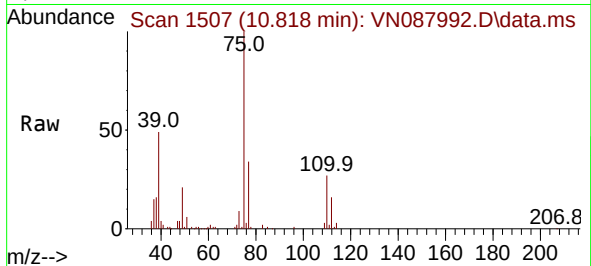




#53
t-1,3-Dichloropropene
Concen: 19.342 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

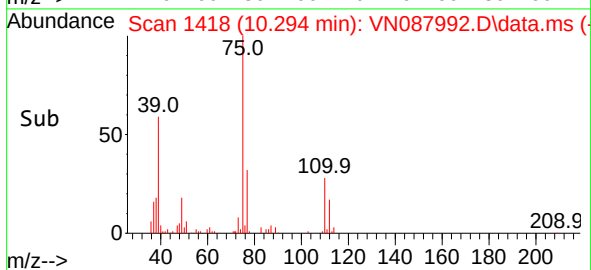
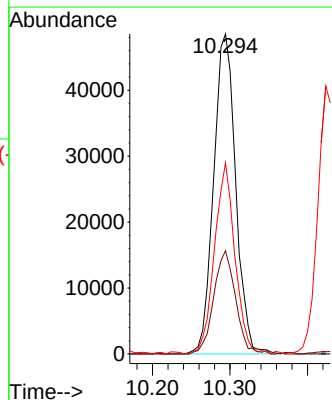
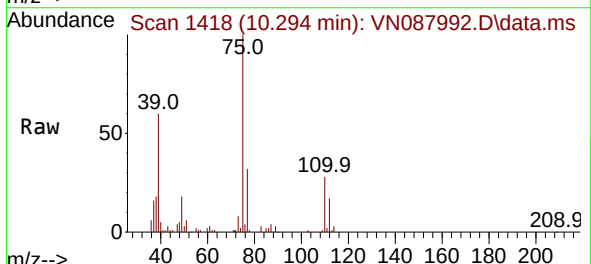
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

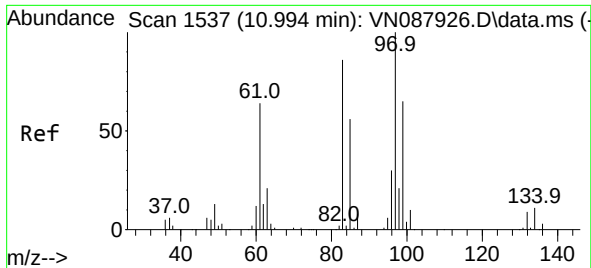
Tgt Ion: 75 Resp: 90068
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.819 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 75 Resp: 95852
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 59.3 41.4 62.0

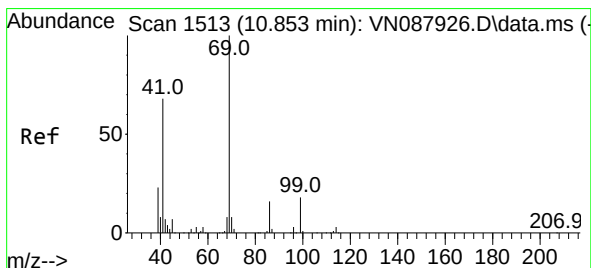
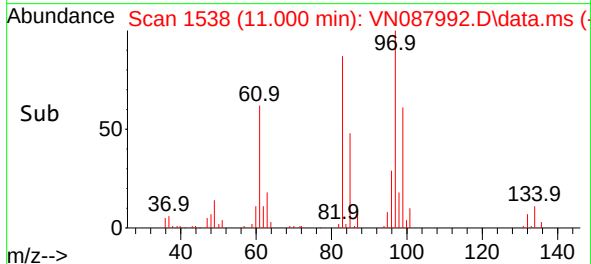
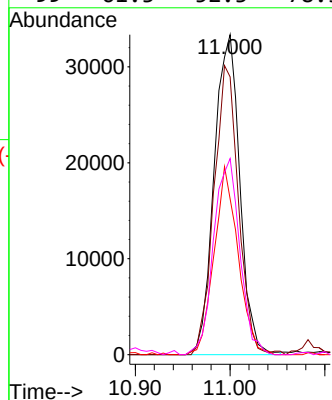
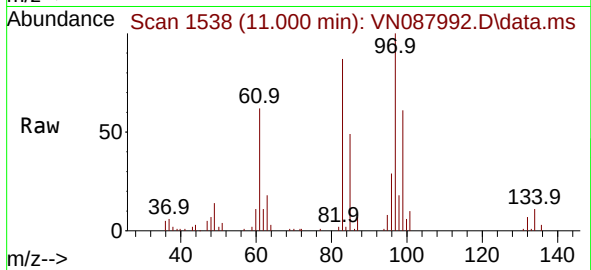




#55
1,1,2-Trichloroethane
Concen: 20.966 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

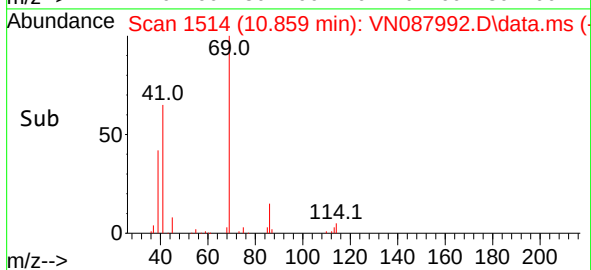
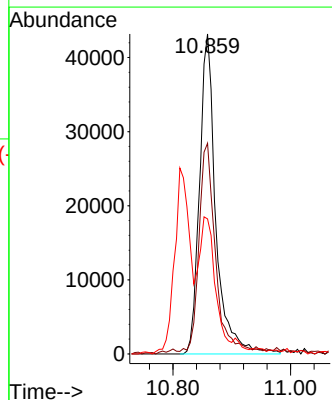
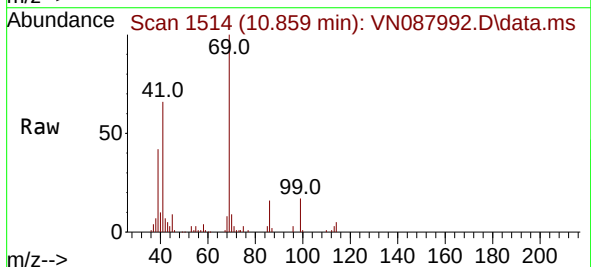
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

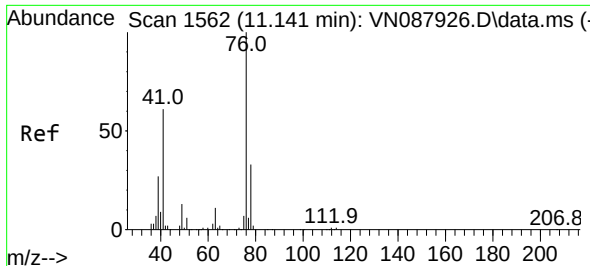
Tgt Ion: 97	Resp: 62718
Ion Ratio	Lower Upper
97 100	
83 86.8	69.0 103.4
85 48.7	44.4 66.6
99 61.3	52.3 78.5



#56
Ethyl methacrylate
Concen: 19.211 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 69	Resp: 83041
Ion Ratio	Lower Upper
69 100	
41 64.9	53.8 80.6
39 38.8	34.7 52.1





#57

1,3-Dichloropropane

Concen: 21.203 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

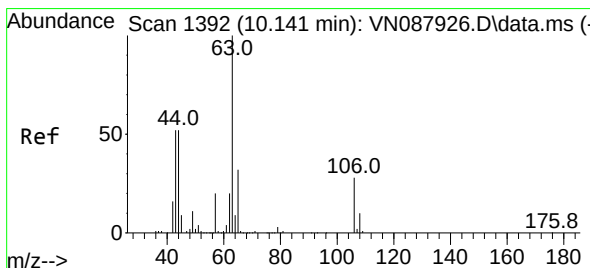
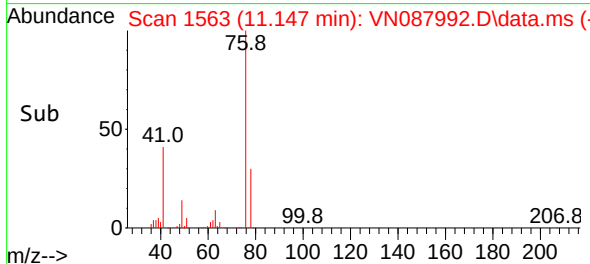
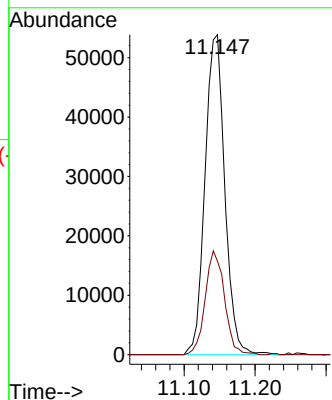
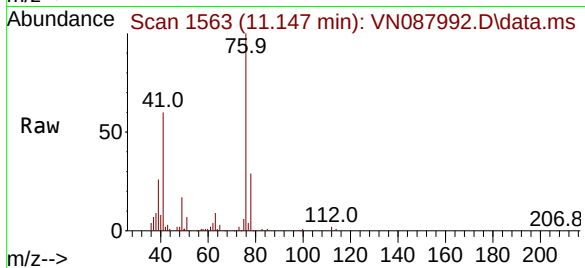
VN0930WBS01

Tgt Ion: 76 Resp: 104327

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 123.283 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087992.D

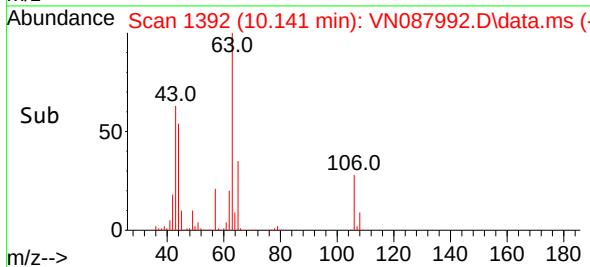
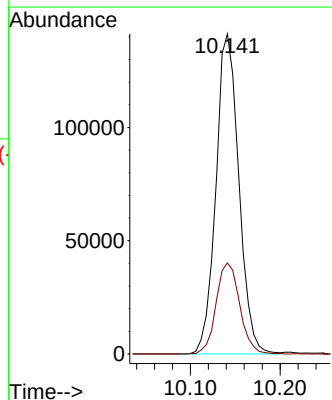
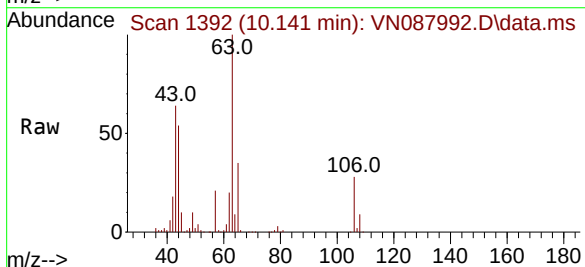
Acq: 30 Sep 2025 10:54

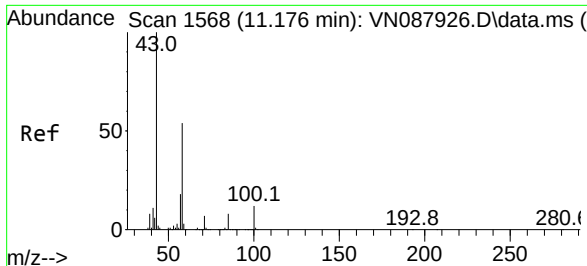
Tgt Ion: 63 Resp: 250556

Ion Ratio Lower Upper

63 100

106 29.2 22.6 33.8

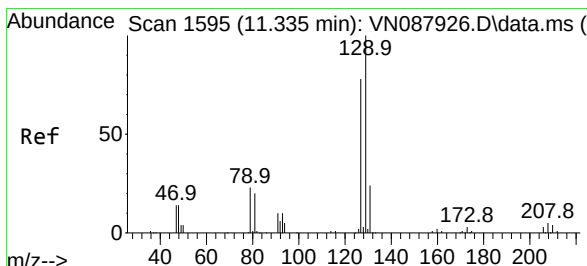
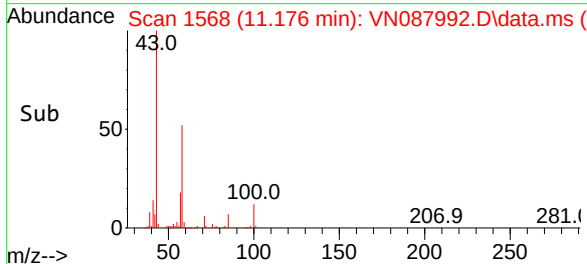
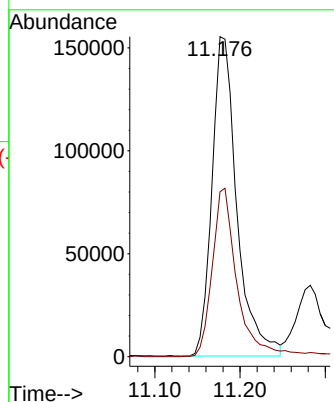
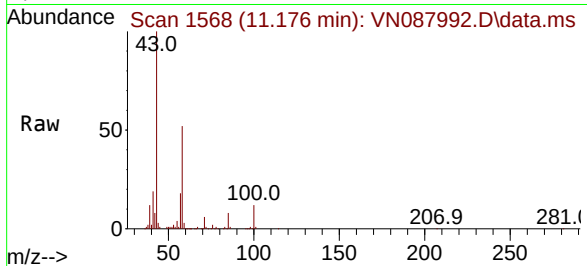




#59
2-Hexanone
Concen: 104.375 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

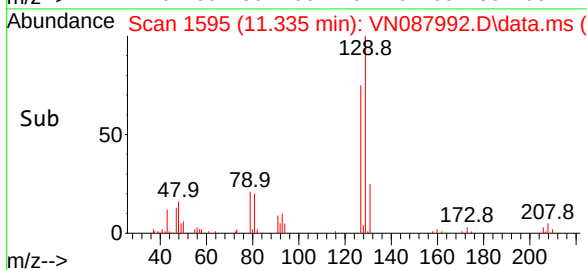
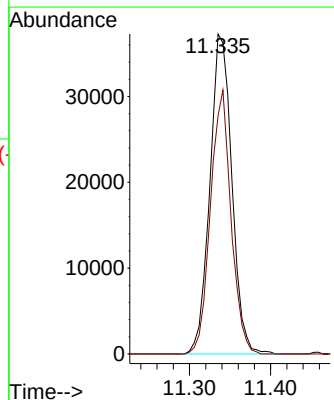
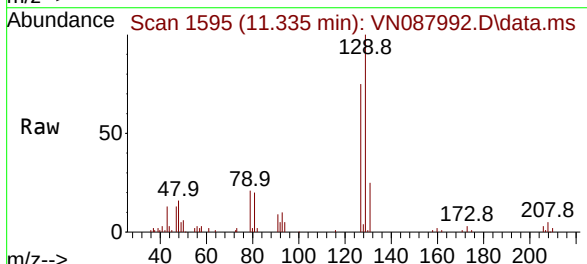
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

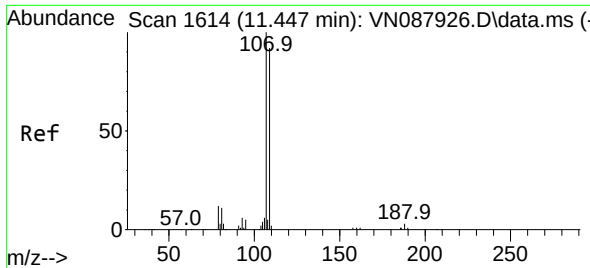
Tgt Ion: 43 Resp: 315197
Ion Ratio Lower Upper
43 100
58 52.5 26.4 79.2



#60
Dibromochloromethane
Concen: 19.918 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:129 Resp: 70058
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9

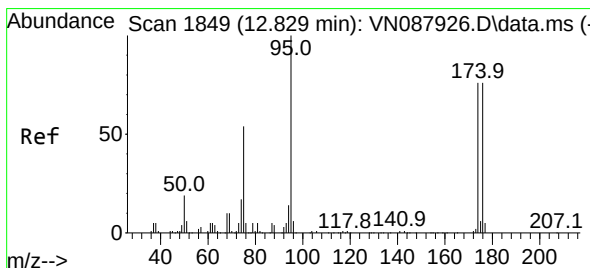
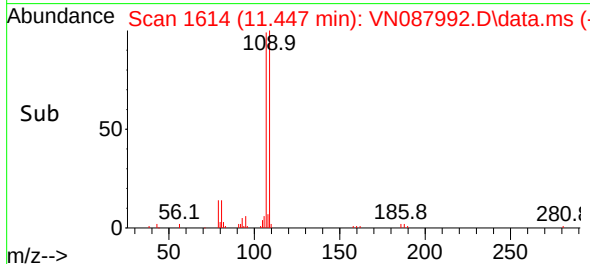
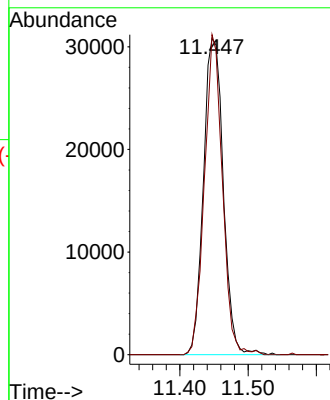
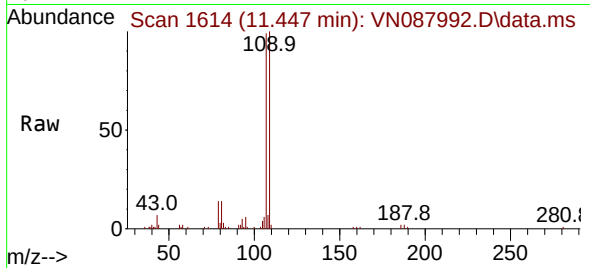




#61
1,2-Dibromoethane
Concen: 19.668 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

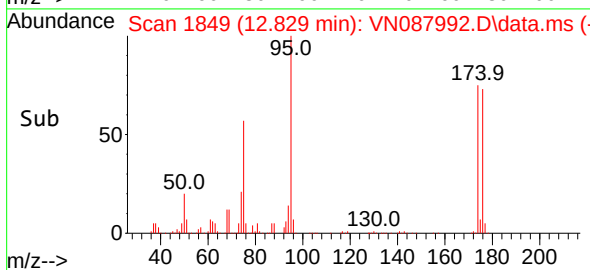
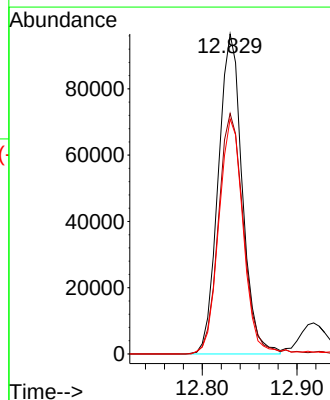
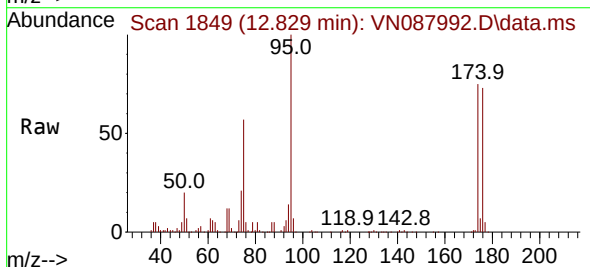
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

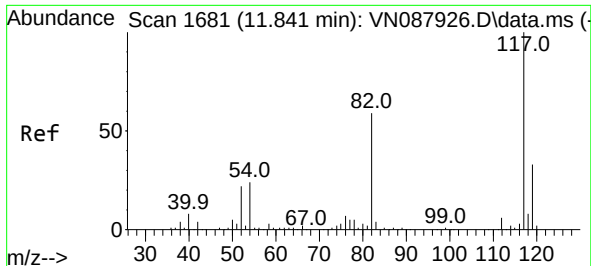
Tgt Ion:107 Resp: 62285
Ion Ratio Lower Upper
107 100
109 91.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 95 Resp: 170294
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 74.8 0.0 152.6

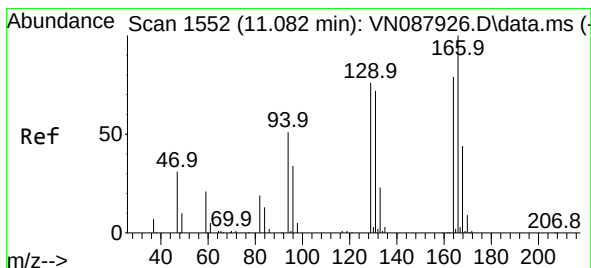
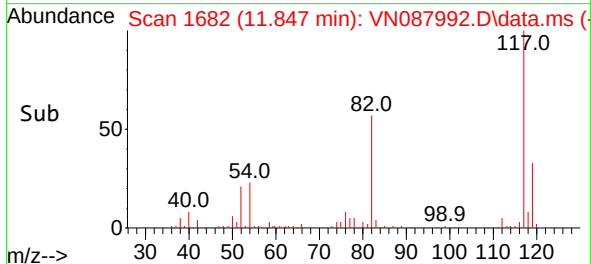
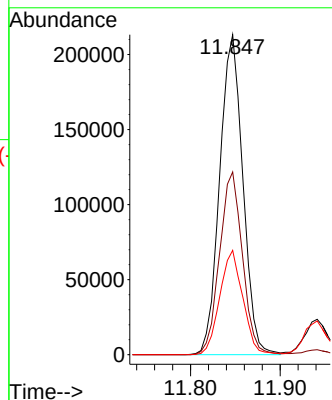
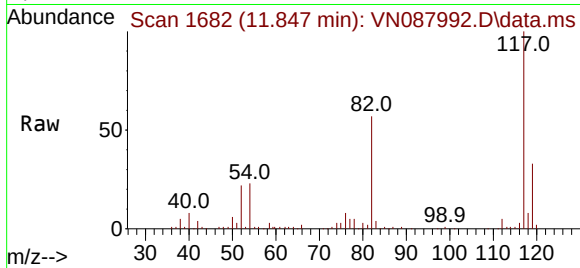




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

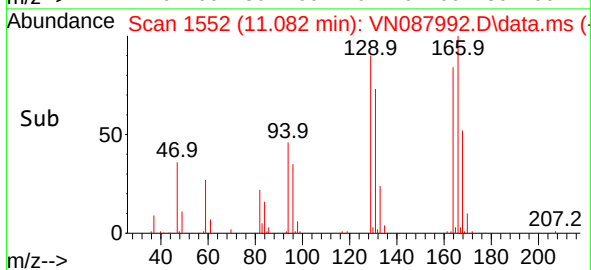
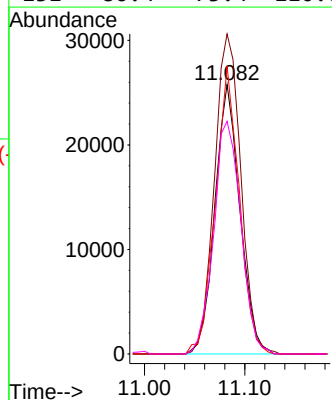
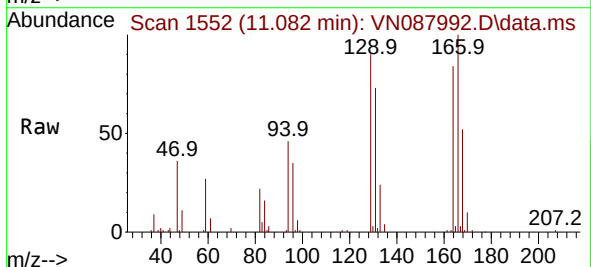
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

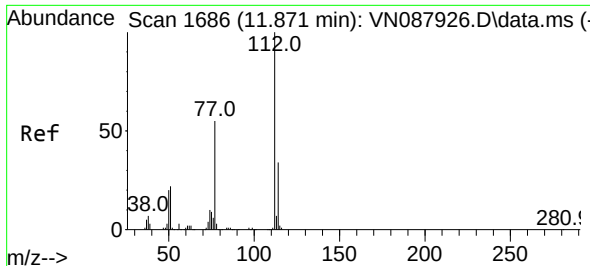
Tgt Ion:117 Resp: 382277
Ion Ratio Lower Upper
117 100
82 57.1 47.0 70.4
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 19.187 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:164 Resp: 44679
Ion Ratio Lower Upper
164 100
166 118.8 101.6 152.4
129 106.9 77.5 116.3
131 86.4 73.4 110.0

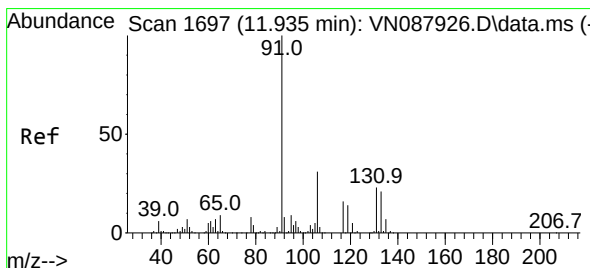
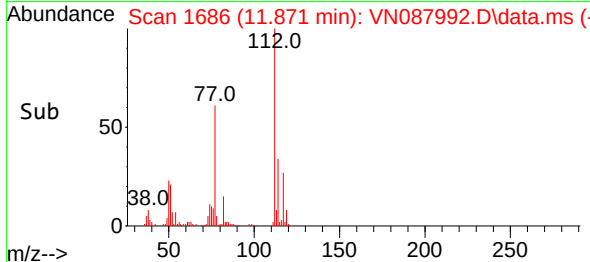
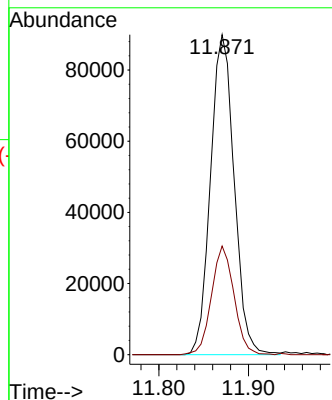
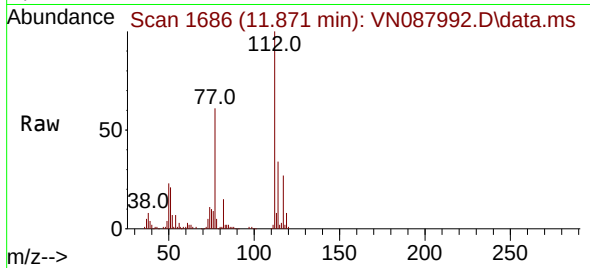




#65
Chlorobenzene
Concen: 20.253 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

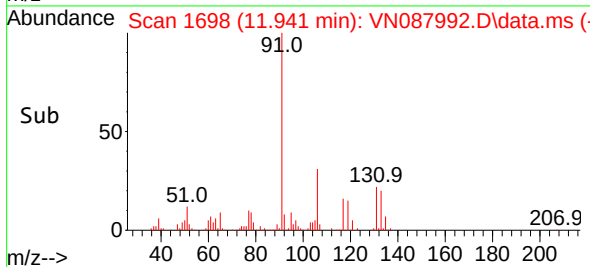
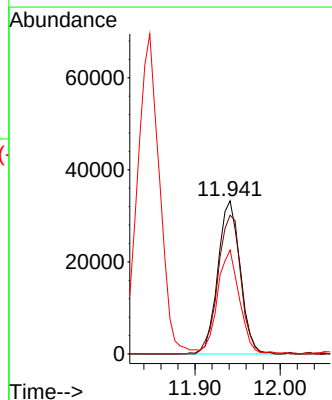
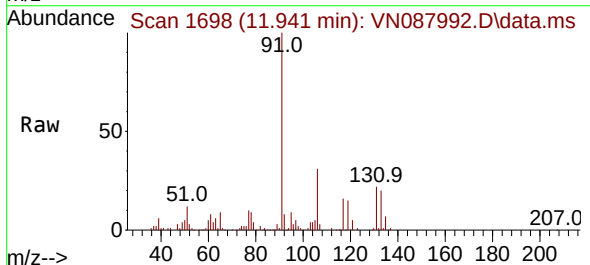
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

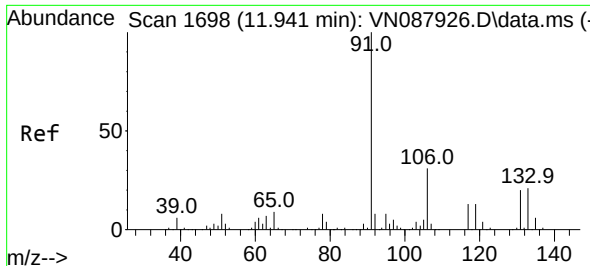
Tgt Ion:112 Resp: 164757
Ion Ratio Lower Upper
112 100
114 34.0 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.631 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:131 Resp: 60523
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 64.4 31.9 95.5

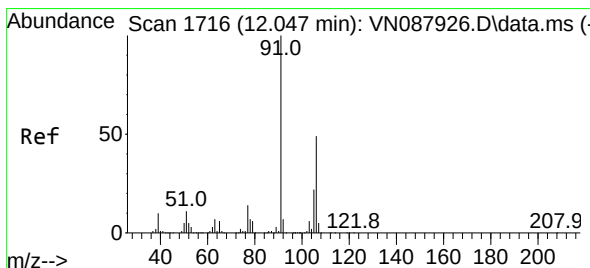
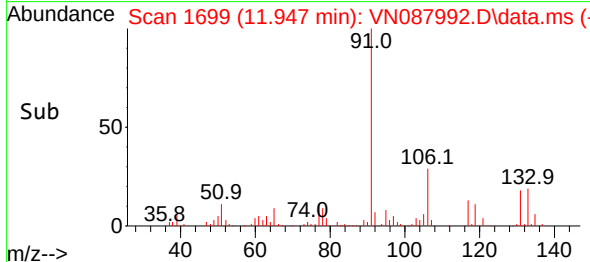
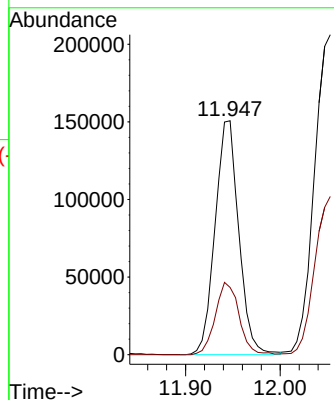
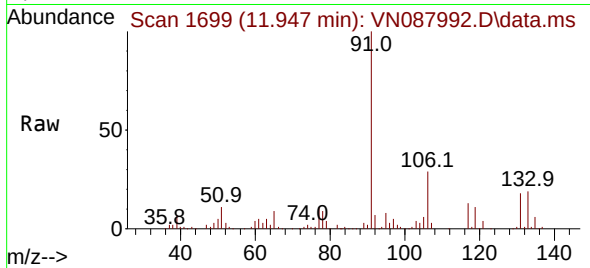




#67
Ethyl Benzene
Concen: 19.331 ug/l
RT: 11.947 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

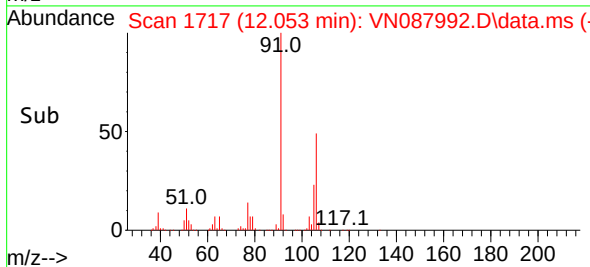
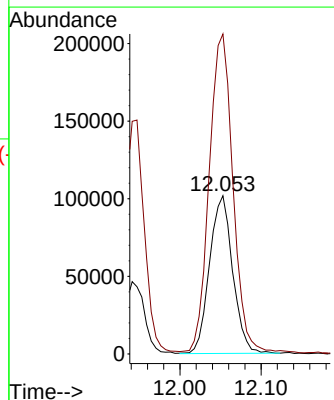
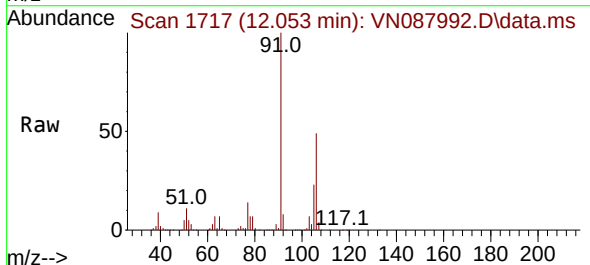
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

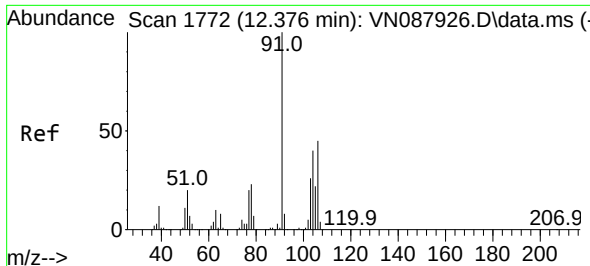
Tgt Ion: 91 Resp: 262403
Ion Ratio Lower Upper
91 100
106 28.7 25.2 37.8



#68
m/p-Xylenes
Concen: 38.751 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 106 Resp: 201177
Ion Ratio Lower Upper
106 100
91 208.7 162.9 244.3

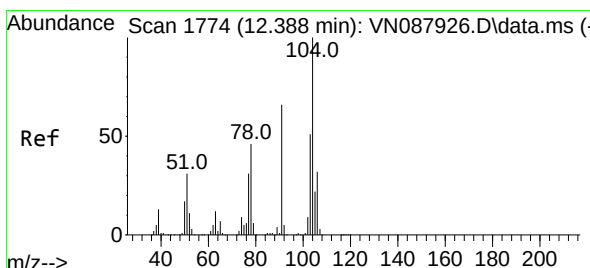
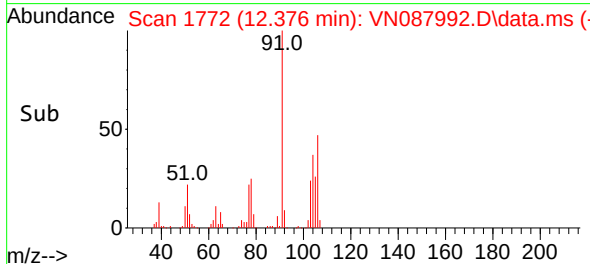
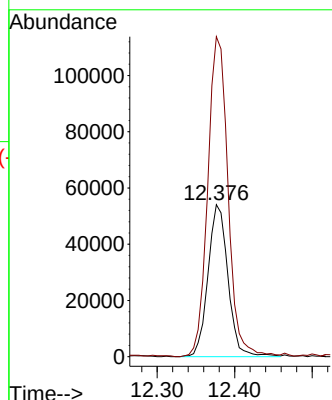
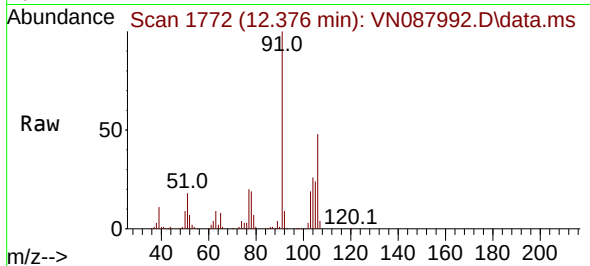




#69
o-Xylene
Concen: 19.416 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

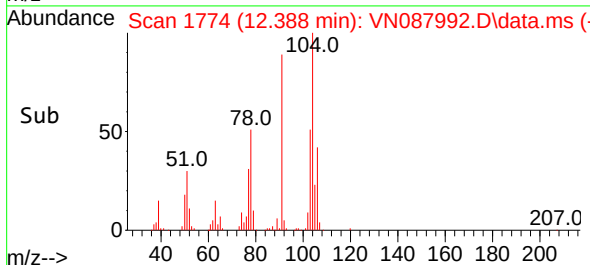
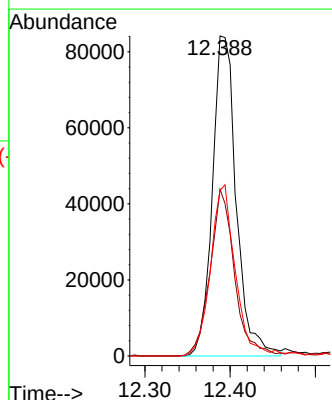
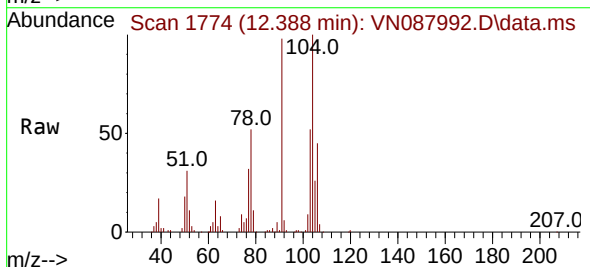
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

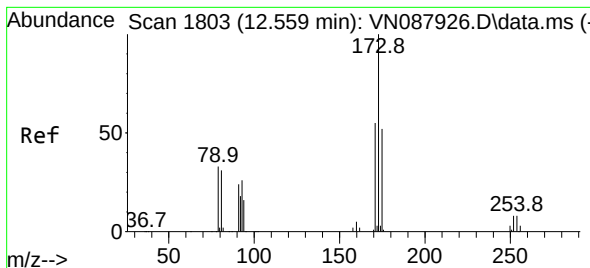
Tgt Ion:106 Resp: 96841
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6



#70
Styrene
Concen: 19.140 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:104 Resp: 163959
Ion Ratio Lower Upper
104 100
78 53.3 39.7 59.5
103 56.0 44.6 67.0





#71

Bromoform

Concen: 20.297 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

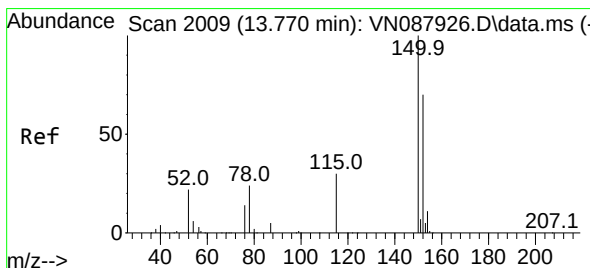
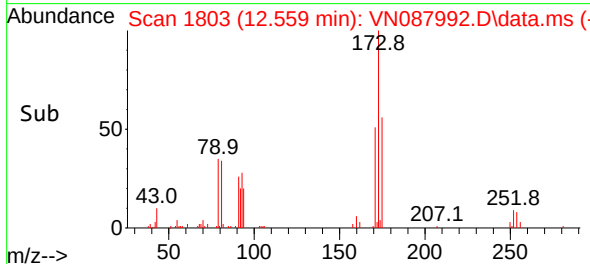
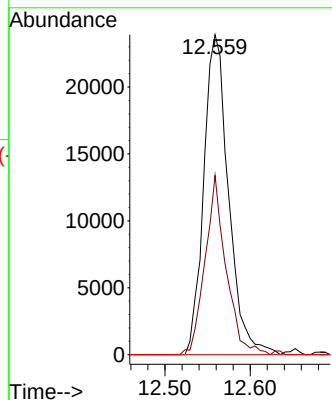
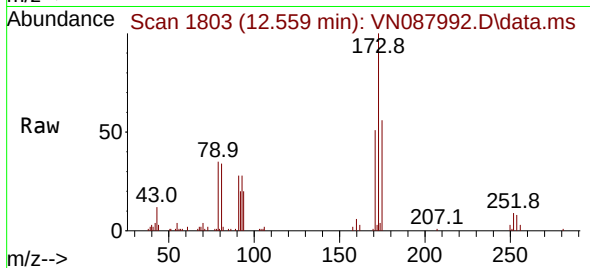
Tgt Ion:173 Resp: 48310

Ion Ratio Lower Upper

173 100

175 47.6 23.7 71.1

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

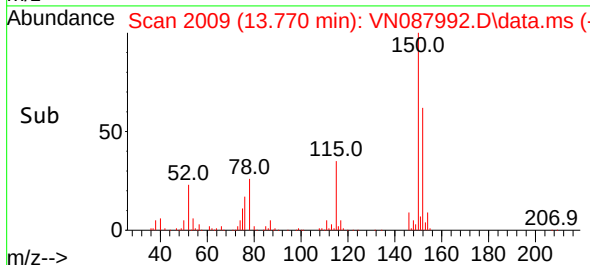
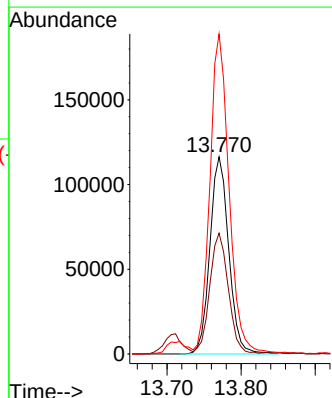
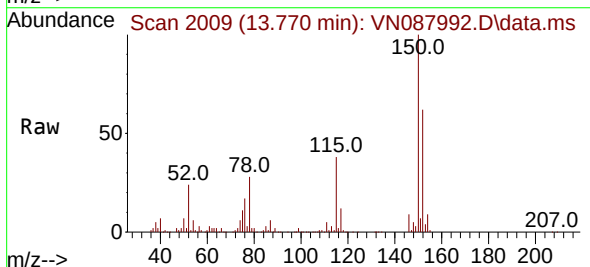
Tgt Ion:152 Resp: 205560

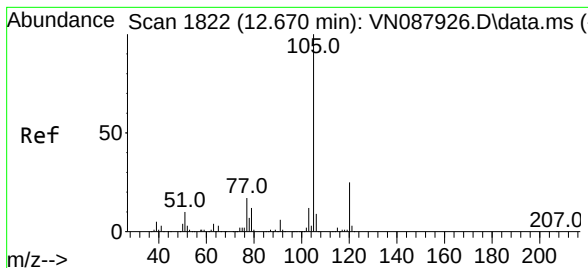
Ion Ratio Lower Upper

152 100

115 58.9 29.9 89.7

150 165.1 0.0 335.0





#73

Isopropylbenzene

Concen: 19.081 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

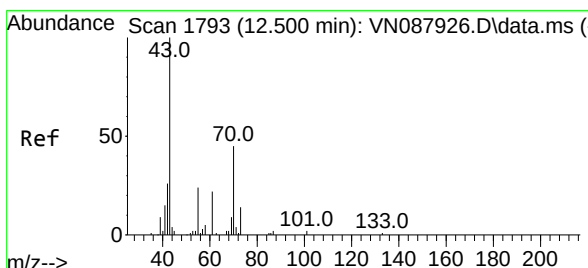
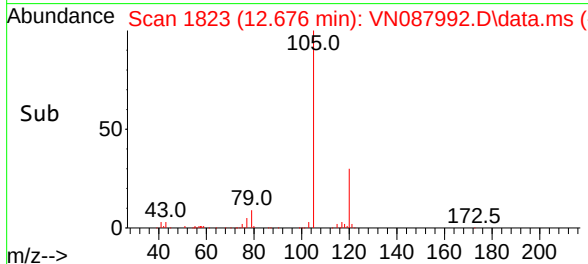
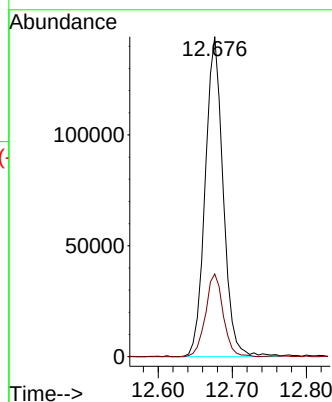
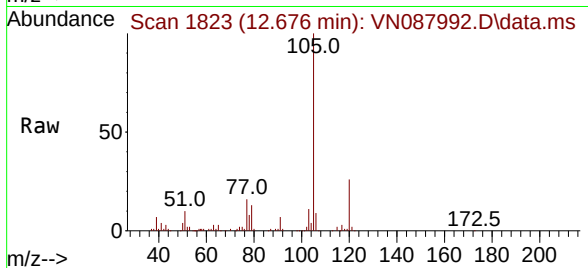
VN0930WBS01

Tgt Ion:105 Resp: 243097

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 0.214 ug/l

RT: 12.465 min Scan# 1787

Delta R.T. -0.035 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Tgt Ion: 43 Resp: 897

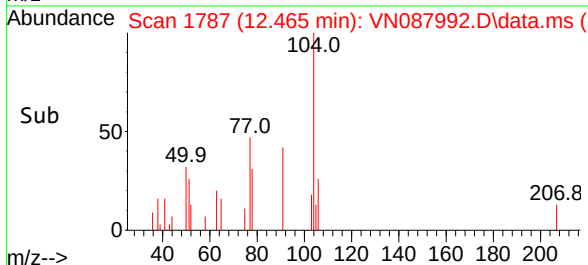
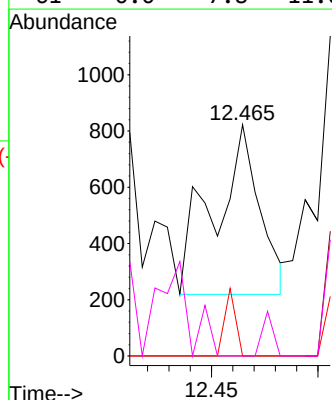
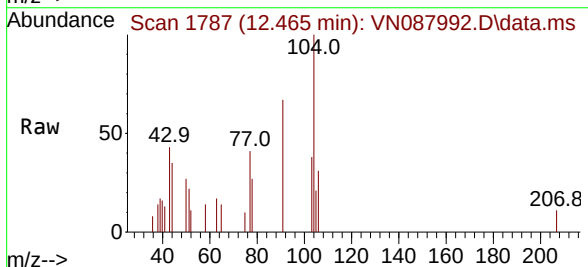
Ion Ratio Lower Upper

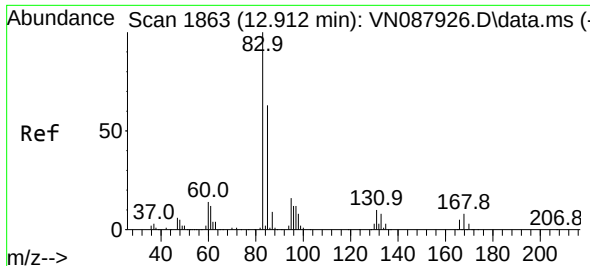
43 100

70 0.0 19.8 29.8#

55 9.5 9.6 14.4#

61 0.0 7.8 11.6#

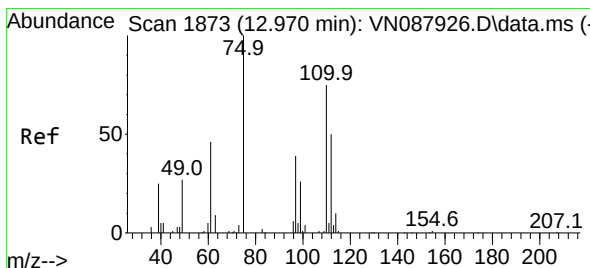
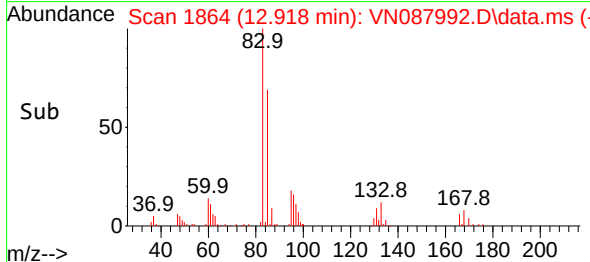
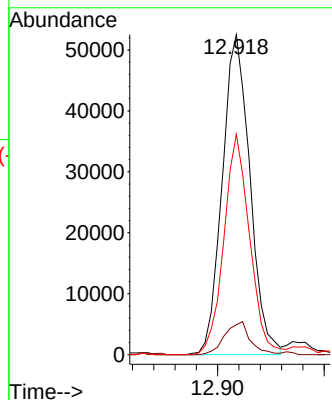
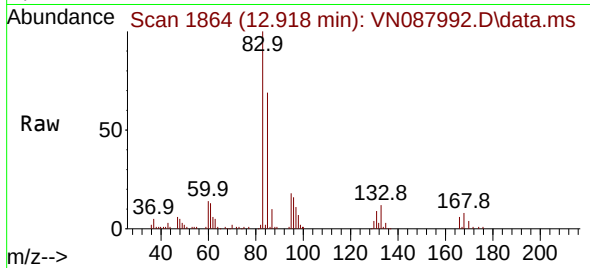




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.640 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

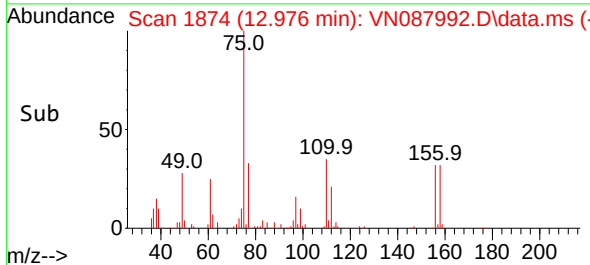
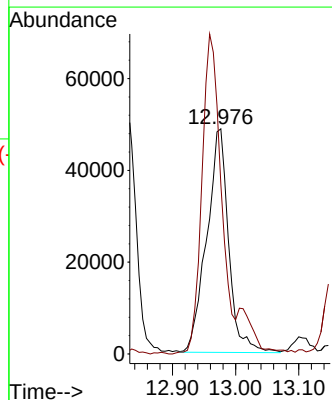
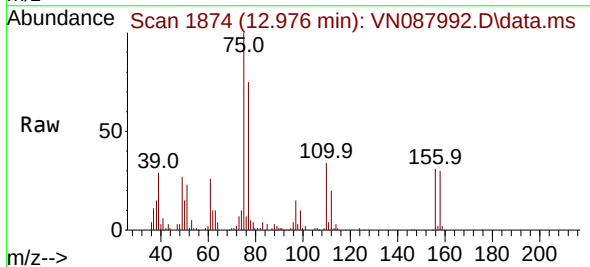
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

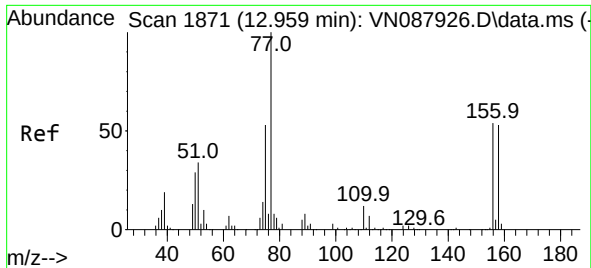
Tgt Ion: 83 Resp: 94742
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.2 15.6
 85 64.2 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 28.978 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion: 75 Resp: 117419
 Ion Ratio Lower Upper
 75 100
 77 124.9 89.5 268.5

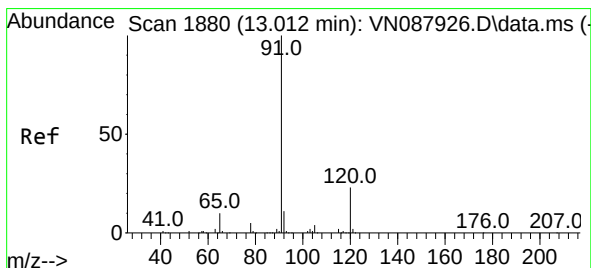
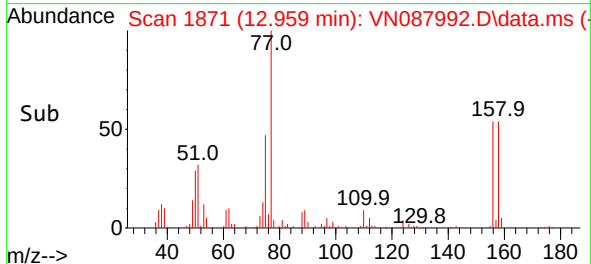
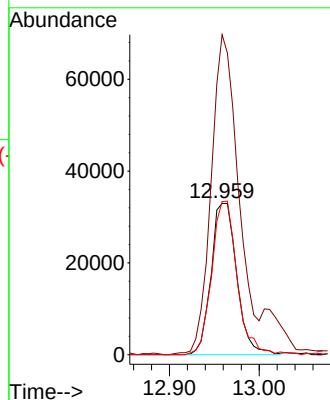
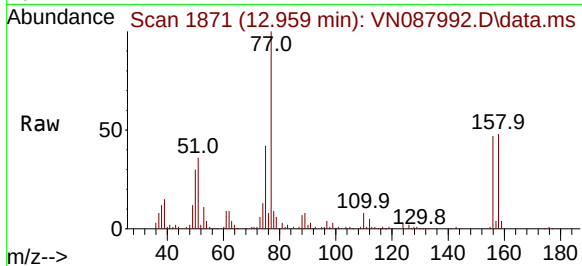




#77
Bromobenzene
Concen: 19.329 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

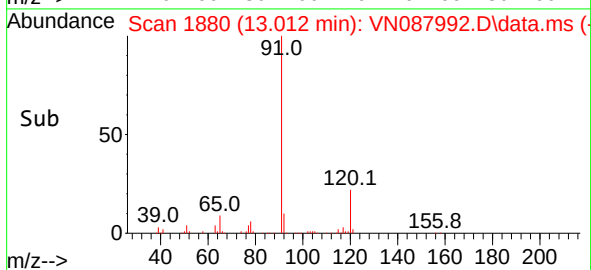
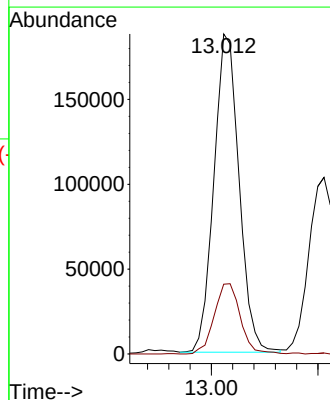
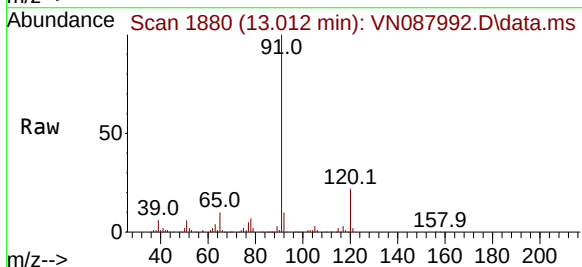
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

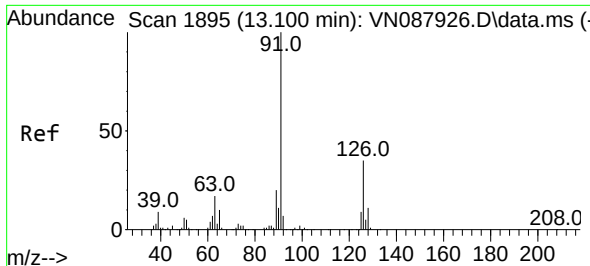
Tgt Ion:156 Resp: 65521
Ion Ratio Lower Upper
156 100
77 223.8 108.2 324.6
158 100.6 49.6 149.0



#78
n-propylbenzene
Concen: 19.291 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 91 Resp: 307270
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1

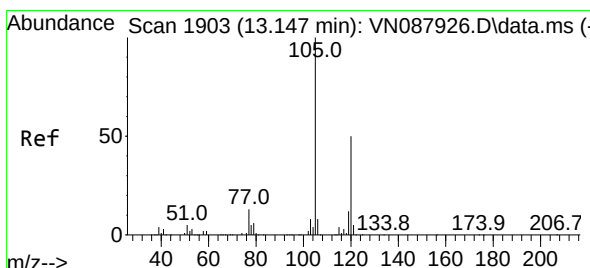
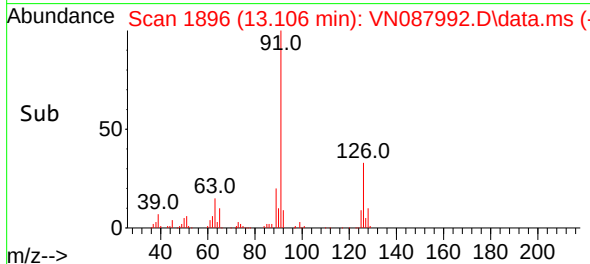
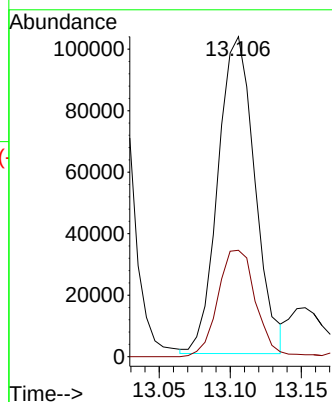
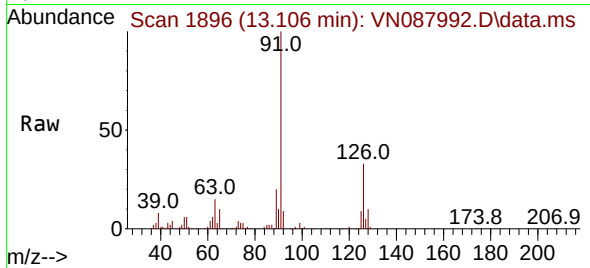




#79
2-Chlorotoluene
Concen: 19.214 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

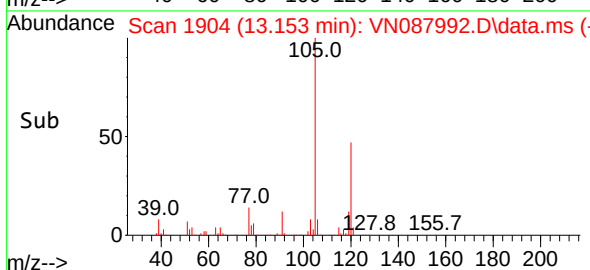
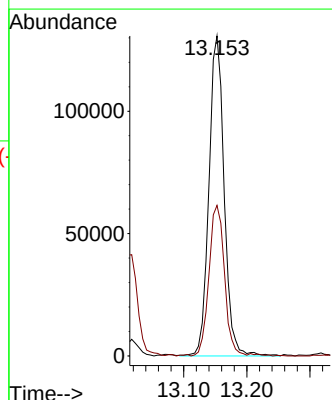
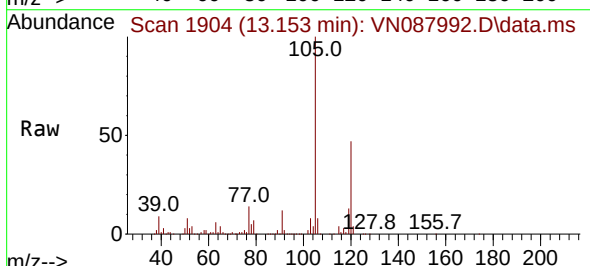
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

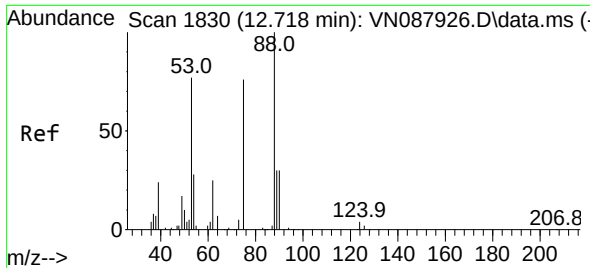
Tgt Ion: 91 Resp: 186351
Ion Ratio Lower Upper
91 100
126 34.5 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.895 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 105 Resp: 219235
Ion Ratio Lower Upper
105 100
120 48.0 24.7 74.1

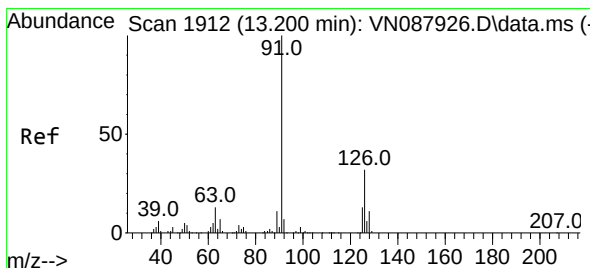
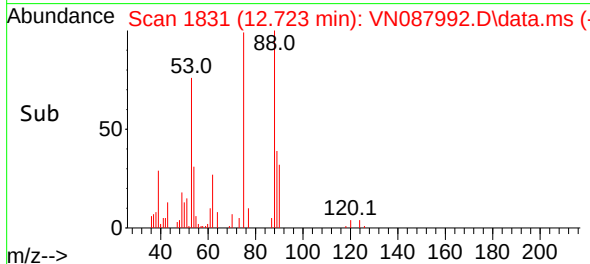
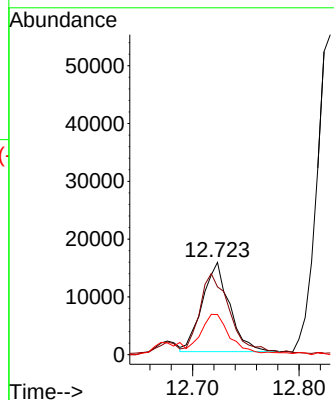
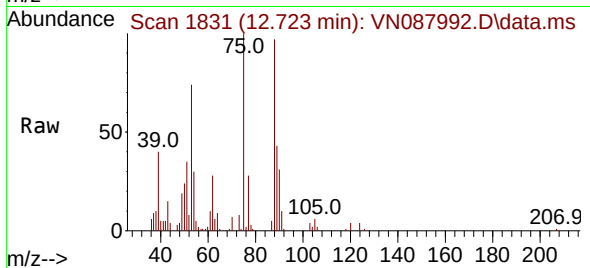




#81
trans-1,4-Dichloro-2-butene
Concen: 18.876 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

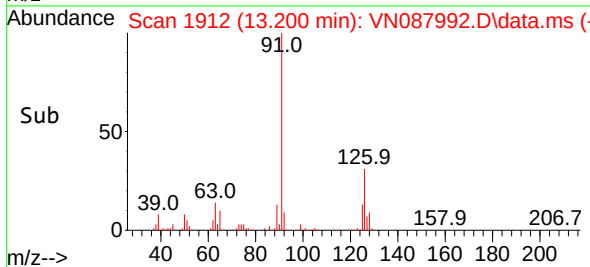
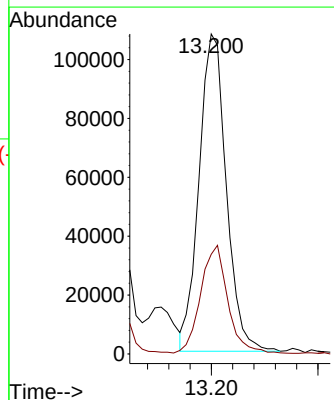
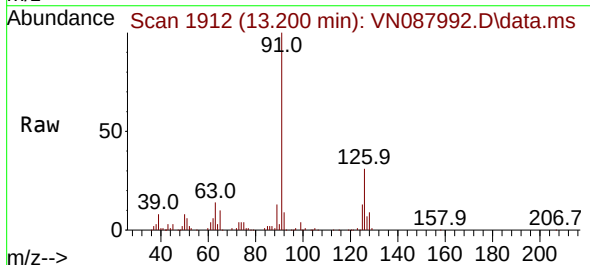
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

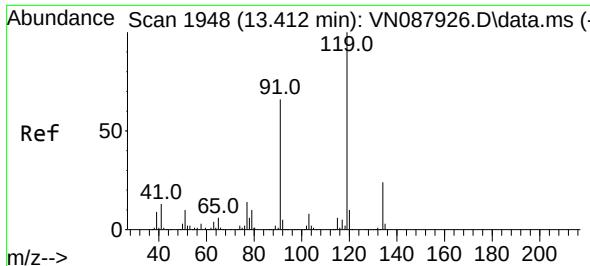
Tgt Ion: 75 Resp: 27545
Ion Ratio Lower Upper
75 100
53 102.4 82.0 123.0
89 51.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.627 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion: 91 Resp: 191804
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

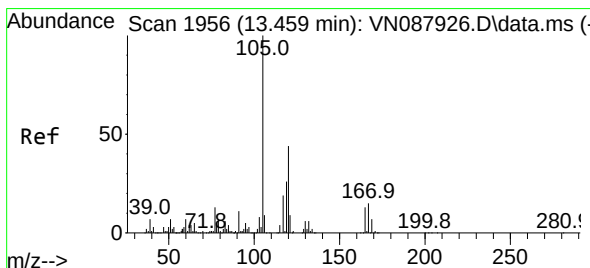
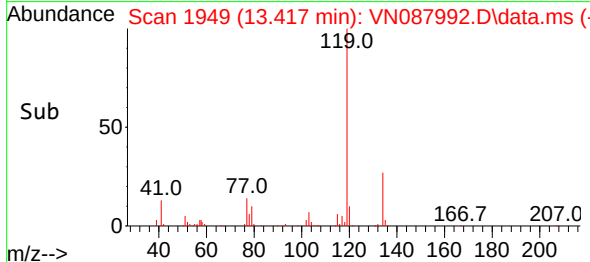
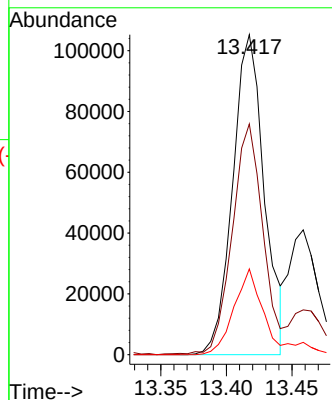
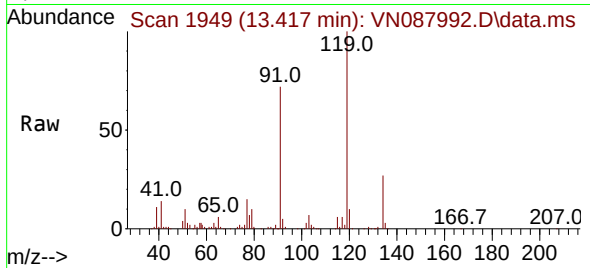




#83
tert-Butylbenzene
Concen: 18.936 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

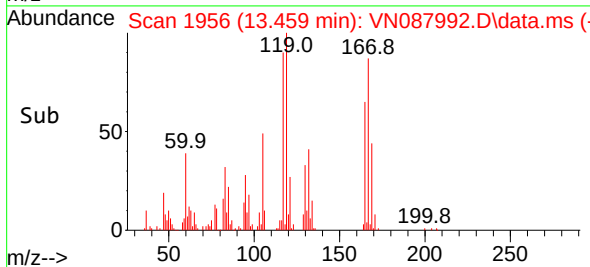
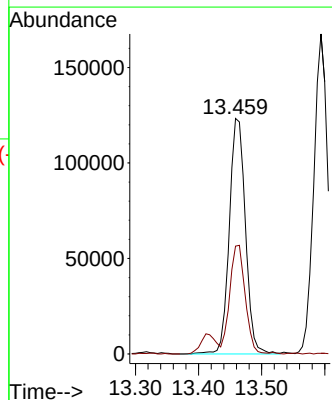
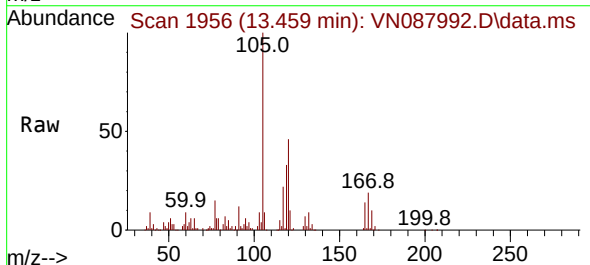
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBS01

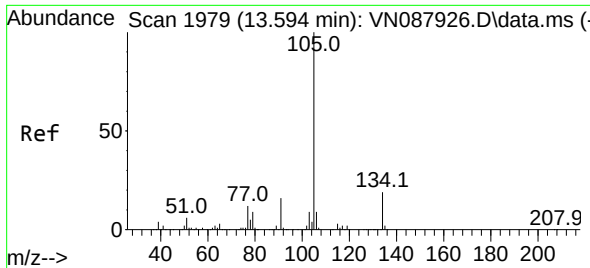
Tgt Ion:119 Resp: 176628
Ion Ratio Lower Upper
119 100
91 69.8 32.1 96.3
134 27.1 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 19.345 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087992.D
Acq: 30 Sep 2025 10:54

Tgt Ion:105 Resp: 218656
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.3

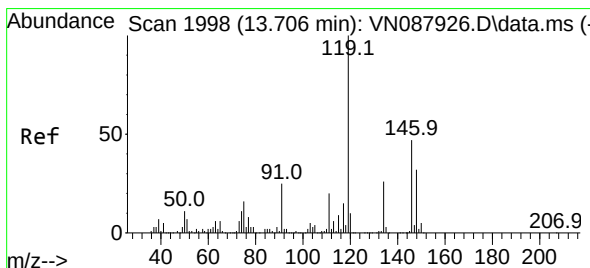
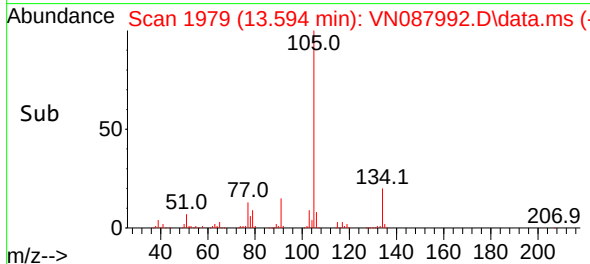
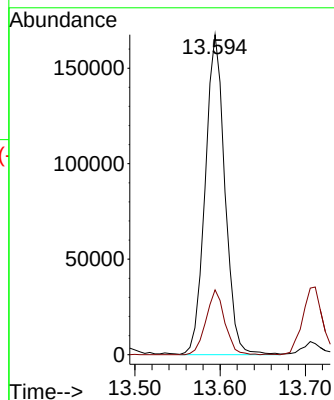
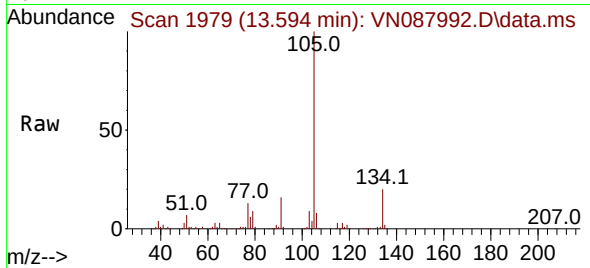




#85
 sec-Butylbenzene
 Concen: 19.659 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

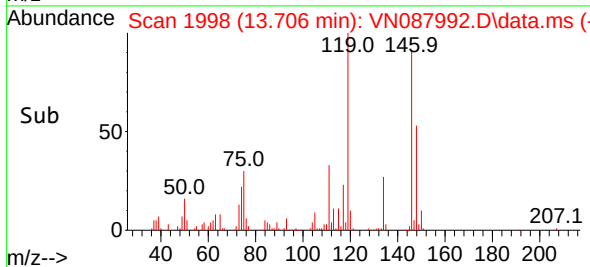
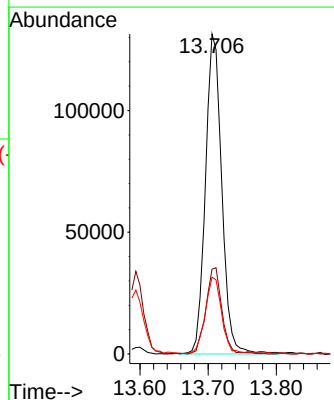
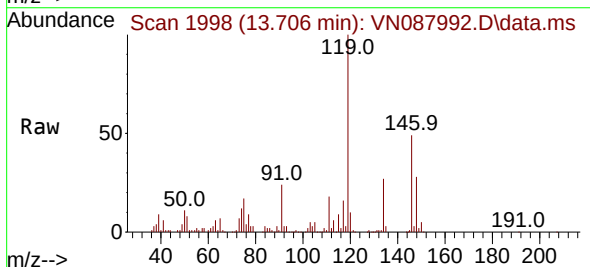
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

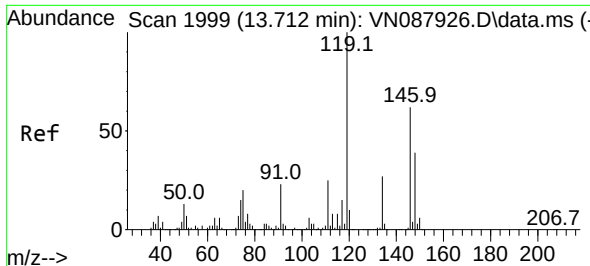
Tgt Ion:105 Resp: 268834
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.935 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion:119 Resp: 219311
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.7 11.9 35.5

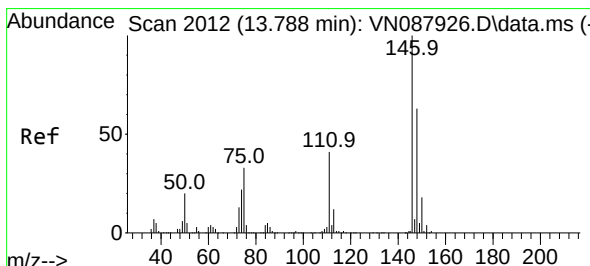
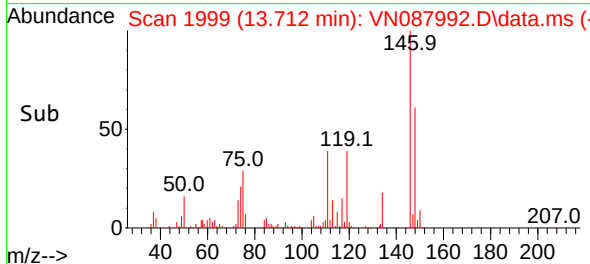
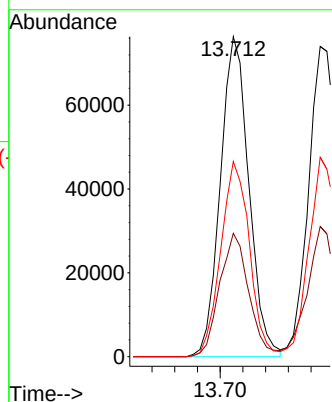
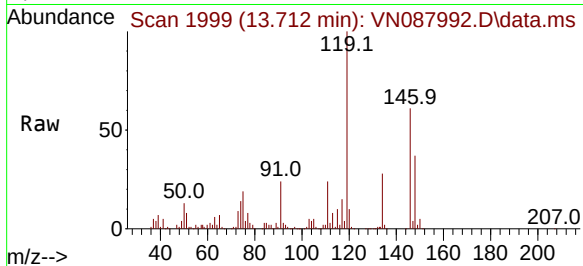




#87
 1,3-Dichlorobenzene
 Concen: 20.106 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

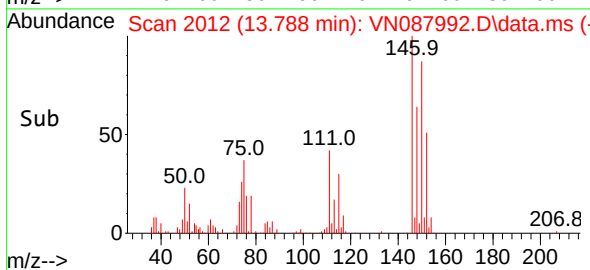
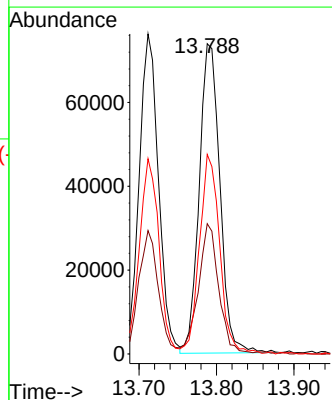
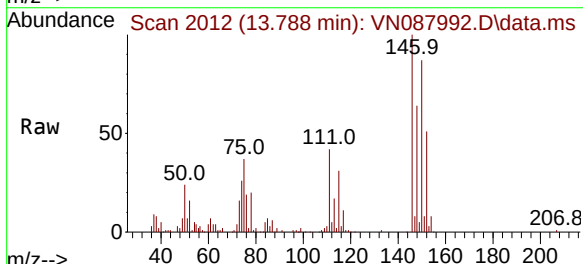
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

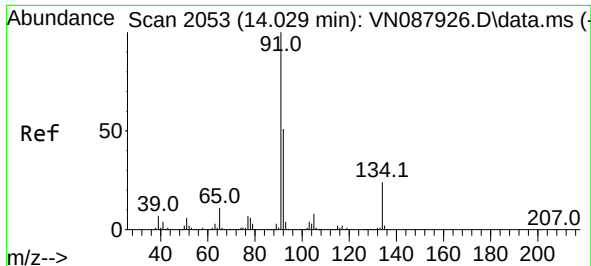
Tgt Ion:146 Resp: 133000
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 61.6 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 20.155 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion:146 Resp: 137011
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.5
 148 62.4 32.8 98.4





#89

n-Butylbenzene

Concen: 18.825 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

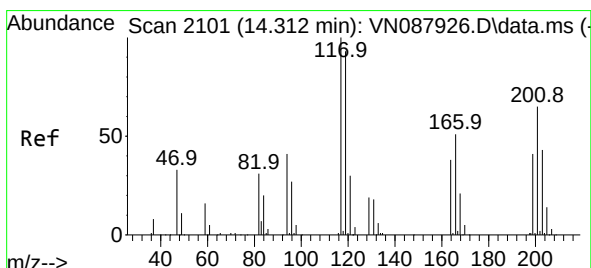
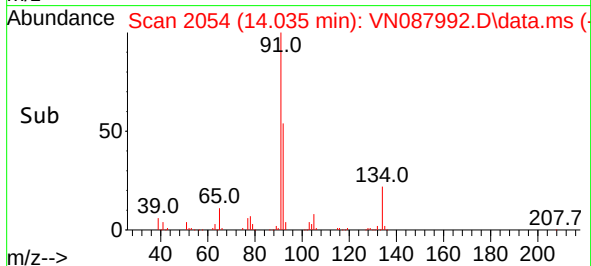
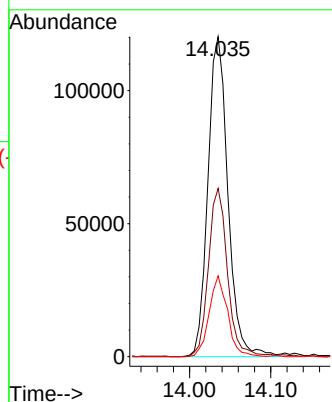
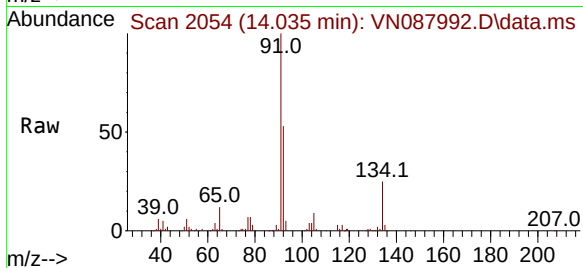
Tgt Ion: 91 Resp: 206058

Ion Ratio Lower Upper

91 100

92 50.1 25.9 77.8

134 23.3 12.6 37.8



#90

Hexachloroethane

Concen: 19.752 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087992.D

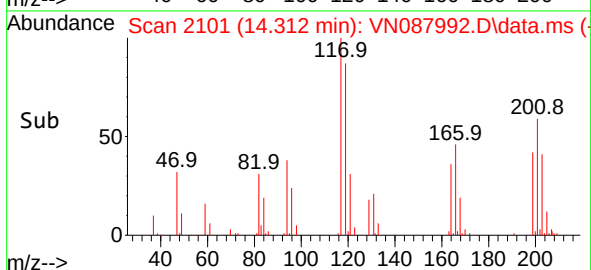
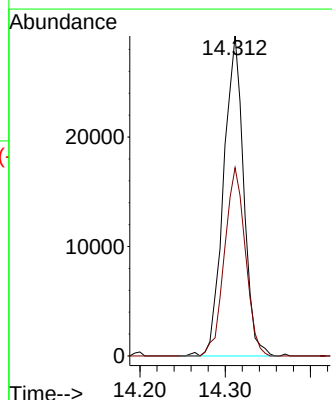
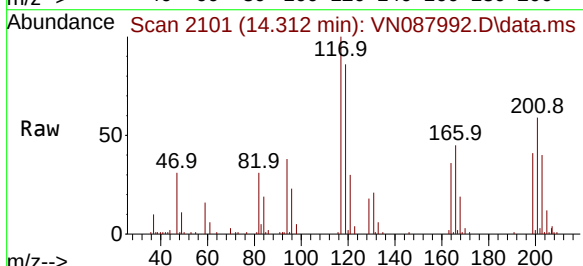
Acq: 30 Sep 2025 10:54

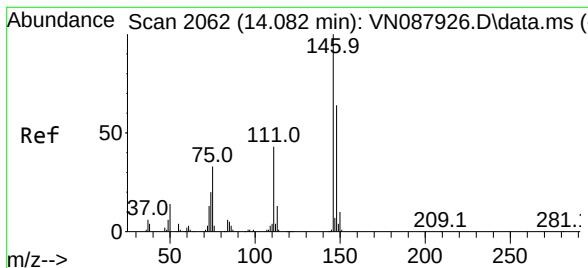
Tgt Ion: 117 Resp: 47787

Ion Ratio Lower Upper

117 100

201 61.3 33.6 100.6

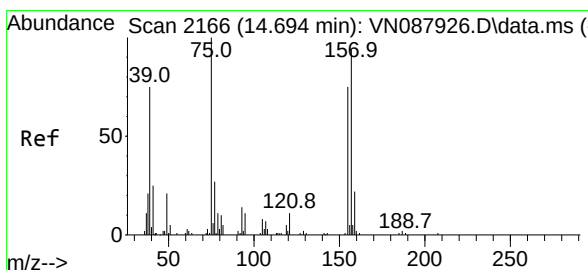
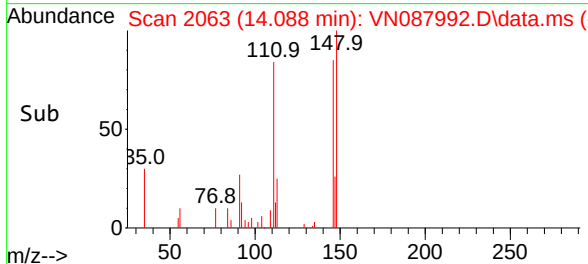
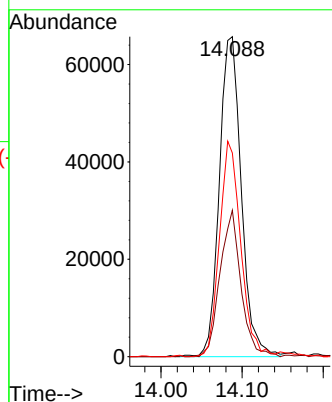
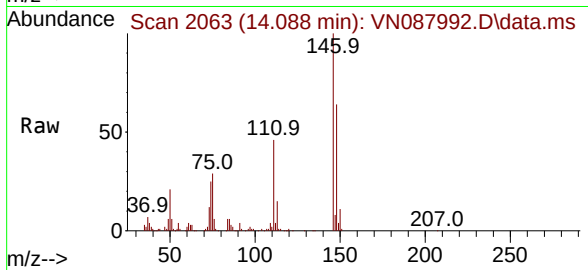




#91
 1,2-Dichlorobenzene
 Concen: 19.409 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

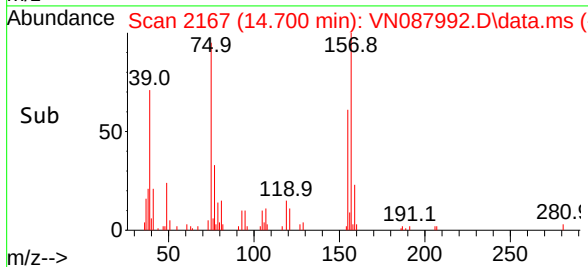
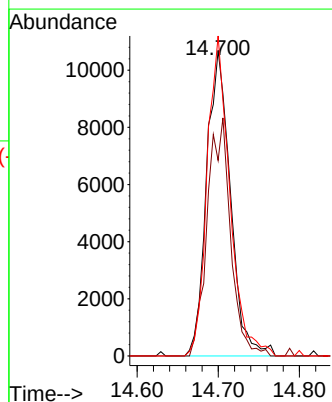
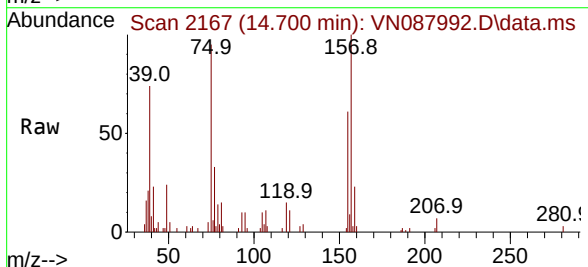
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

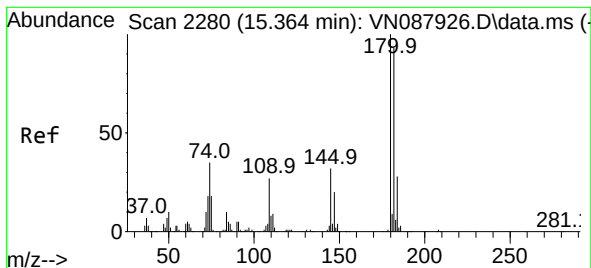
Tgt Ion:146 Resp: 123750
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.9 62.7
 148 65.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.461 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087992.D
 Acq: 30 Sep 2025 10:54

Tgt Ion: 75 Resp: 21823
 Ion Ratio Lower Upper
 75 100
 155 75.7 40.2 120.6
 157 99.6 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 18.774 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

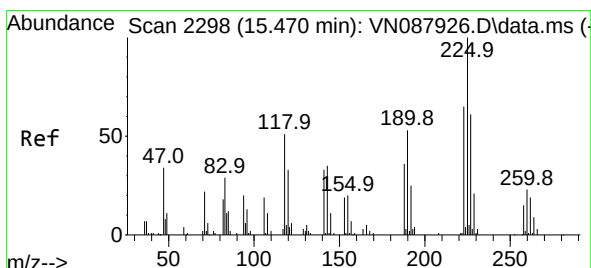
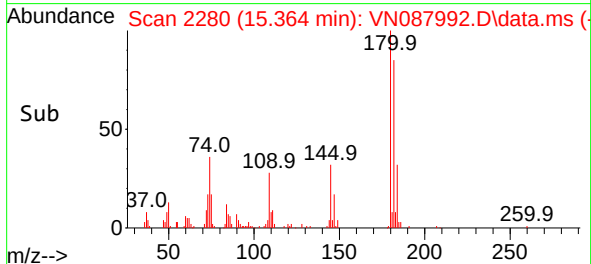
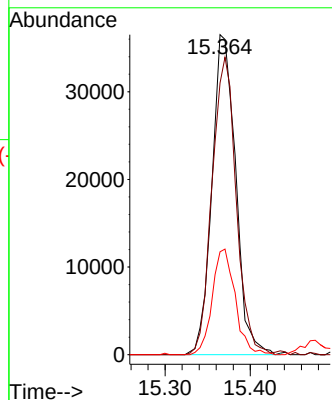
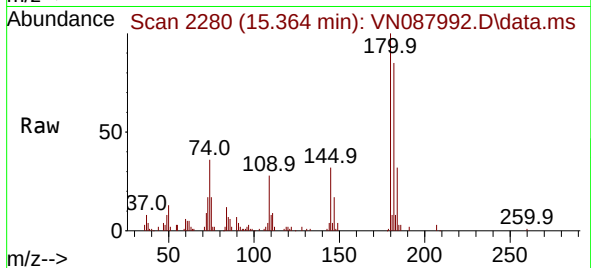
Tgt Ion:180 Resp: 70678

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.5

145 31.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 18.473 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

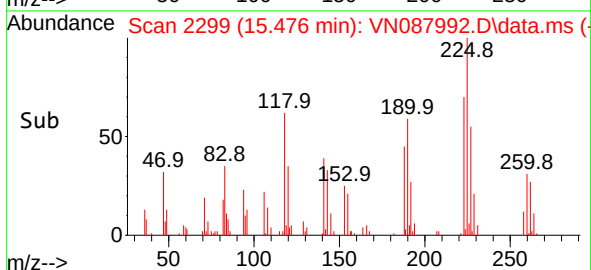
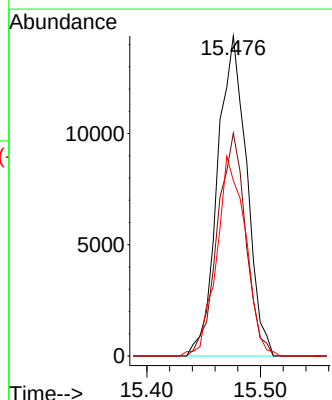
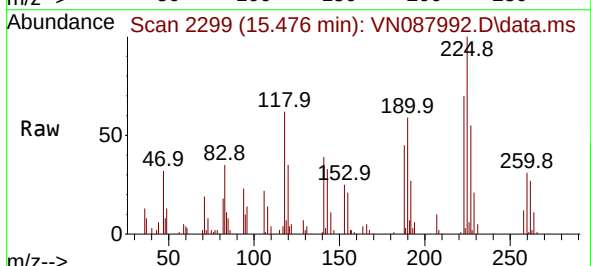
Tgt Ion:225 Resp: 25596

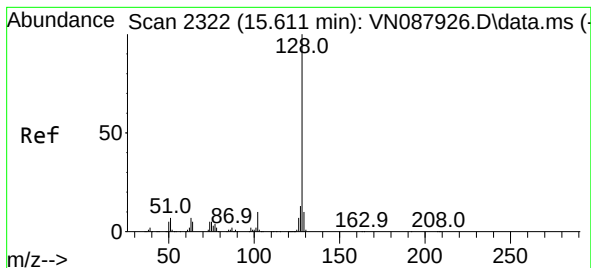
Ion Ratio Lower Upper

225 100

223 67.6 31.8 95.4

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 18.603 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBS01

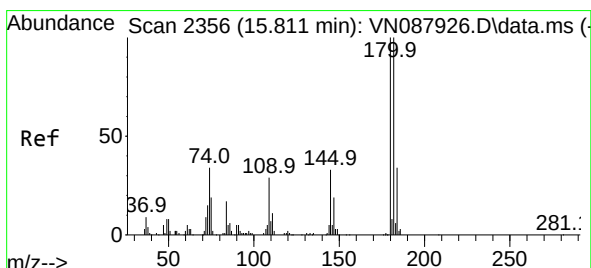
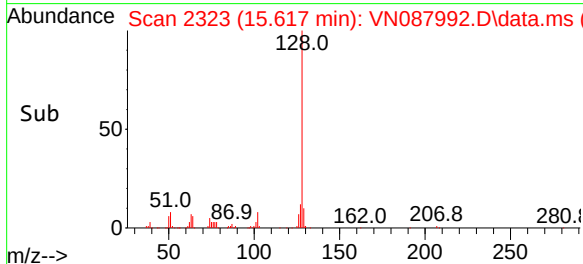
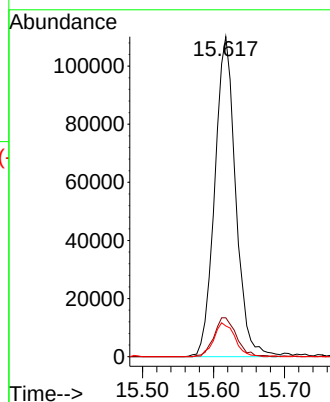
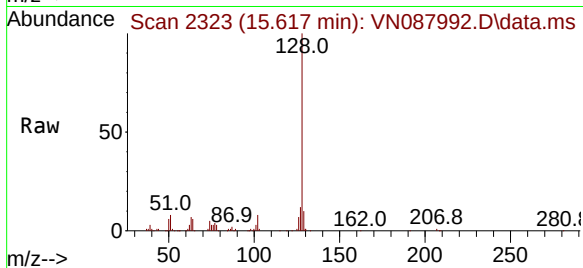
Tgt Ion:128 Resp: 224813

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.890 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087992.D

Acq: 30 Sep 2025 10:54

Tgt Ion:180 Resp: 69136

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

145 34.3 16.1 48.3

