

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087979.D
 Acq On : 29 Sep 2025 13:52
 Operator : JC\MD
 Sample : VN0929WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Quant Time: Sep 30 03:53:39 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	8.212	168	232531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	434358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	404738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	188738	48.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.147	113	144805	45.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	10.547	98	522853	47.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.829	95	181963	45.902	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.147	85	55493	20.607	ug/l	91
3) Chloromethane	2.383	50	55685	20.195	ug/l	98
4) Vinyl Chloride	2.542	62	56560	20.106	ug/l	98
5) Bromomethane	2.977	94	34849	19.983	ug/l	100
6) Chloroethane	3.136	64	38387	20.987	ug/l #	87
7) Trichlorofluoromethane	3.506	101	97680	21.327	ug/l	96
8) Diethyl Ether	3.965	74	36017	20.815	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56051	23.154	ug/l	97
10) Methyl Iodide	4.577	142	48941	22.464	ug/l	96
11) Tert butyl alcohol	5.535	59	64948	115.227	ug/l	100
12) 1,1-Dichloroethene	4.330	96	51476	21.075	ug/l	85
13) Acrolein	4.183	56	60046	83.025	ug/l	98
14) Allyl chloride	5.012	41	80202	20.169	ug/l	98
15) Acrylonitrile	5.706	53	183415	103.739	ug/l	98
16) Acetone	4.424	43	166865	103.636	ug/l	97
17) Carbon Disulfide	4.700	76	143798	18.843	ug/l	98
18) Methyl Acetate	5.018	43	95440	23.685	ug/l	100
19) Methyl tert-butyl Ether	5.782	73	187471	19.648	ug/l	100
20) Methylene Chloride	5.265	84	65365	20.056	ug/l #	95
21) trans-1,2-Dichloroethene	5.771	96	59309	19.807	ug/l	94
22) Diisopropyl ether	6.659	45	197424	21.267	ug/l	93
23) Vinyl Acetate	6.588	43	850872	108.861	ug/l	98
24) 1,1-Dichloroethane	6.553	63	110533	20.381	ug/l	97
25) 2-Butanone	7.471	43	257735	104.728	ug/l	98
26) 2,2-Dichloropropane	7.471	77	96330	19.992	ug/l	100
27) cis-1,2-Dichloroethene	7.476	96	70050	19.661	ug/l	99
28) Bromochloromethane	7.800	49	51431	17.454	ug/l	94
29) Tetrahydrofuran	7.835	42	169691	107.685	ug/l	99
30) Chloroform	7.947	83	123752	20.869	ug/l	96
31) Cyclohexane	8.241	56	87382	19.913	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	104924	20.940	ug/l	95
36) 1,1-Dichloropropene	8.359	75	79196	20.884	ug/l	99
37) Ethyl Acetate	7.553	43	101860	20.455	ug/l	98
38) Carbon Tetrachloride	8.341	117	88245	20.280	ug/l	98
39) Methylcyclohexane	9.582	83	80627	19.274	ug/l	95
40) Benzene	8.588	78	250676	19.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	52143	20.262	ug/l	97
42) 1,2-Dichloroethane	8.653	62	96346	20.562	ug/l	99
43) Isopropyl Acetate	8.676	43	160242	20.443	ug/l	97
44) Trichloroethene	9.335	130	60111	20.042	ug/l	83
45) 1,2-Dichloropropane	9.606	63	64240	20.404	ug/l	98
46) Dibromomethane	9.694	93	49646	19.983	ug/l	94
47) Bromodichloromethane	9.870	83	101878	20.908	ug/l	97
48) Methyl methacrylate	9.665	41	72078	19.857	ug/l	95
49) 1,4-Dioxane	9.682	88	27026	503.988	ug/l #	95
51) 4-Methyl-2-Pentanone	10.423	43	532051	108.779	ug/l	97
52) Toluene	10.612	92	155465	19.731	ug/l	96
53) t-1,3-Dichloropropene	10.817	75	95985	19.247	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	103886	20.057	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	67350	21.023	ug/l	97
56) Ethyl methacrylate	10.859	69	87006	18.795	ug/l	99
57) 1,3-Dichloropropane	11.141	76	105754	20.070	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	250411	115.049	ug/l	99
59) 2-Hexanone	11.182	43	332762	102.892	ug/l	99
60) Dibromochloromethane	11.335	129	76105	20.204	ug/l	98
61) 1,2-Dibromoethane	11.447	107	67408	19.875	ug/l	99
64) Tetrachloroethene	11.082	164	49294	19.994	ug/l	88
65) Chlorobenzene	11.870	112	176022	20.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	66199	21.313	ug/l	95
67) Ethyl Benzene	11.941	91	288769	20.092	ug/l	99
68) m/p-Xylenes	12.053	106	229146	41.689	ug/l	97
69) o-Xylene	12.376	106	103835	19.662	ug/l	96
70) Styrene	12.394	104	179729	19.817	ug/l	98
71) Bromoform	12.559	173	48783	19.359	ug/l #	96
73) Isopropylbenzene	12.676	105	267599	19.704	ug/l	99
74) N-amyl acetate	12.547	43	8983	2.007	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.917	83	103215	21.093	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	126421	29.267	ug/l	58
77) Bromobenzene	12.958	156	74027	20.486	ug/l	93
78) n-propylbenzene	13.017	91	347591	20.470	ug/l	100
79) 2-Chlorotoluene	13.106	91	207100	20.031	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	240367	20.461	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.723	75	26491	17.030	ug/l	92
82) 4-Chlorotoluene	13.200	91	219106	21.032	ug/l	99
83) tert-Butylbenzene	13.417	119	194573	19.568	ug/l	95
84) 1,2,4-Trimethylbenzene	13.458	105	246119	20.426	ug/l	97
85) sec-Butylbenzene	13.594	105	297750	20.424	ug/l	100
86) p-Isopropyltoluene	13.705	119	243233	19.700	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	145641	20.654	ug/l	97
88) 1,4-Dichlorobenzene	13.794	146	144506	19.941	ug/l	96
89) n-Butylbenzene	14.035	91	239699	20.542	ug/l	97
90) Hexachloroethane	14.311	117	51393	19.927	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	137980	20.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22435	19.732	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	78014	19.439	ug/l	96
94) Hexachlorobutadiene	15.476	225	30773	20.833	ug/l	97
95) Naphthalene	15.617	128	246698	19.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	73267	18.779	ug/l	93

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ClientSampleId :
VN0929WBS01

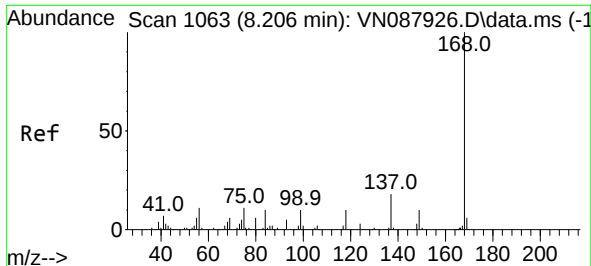
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QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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

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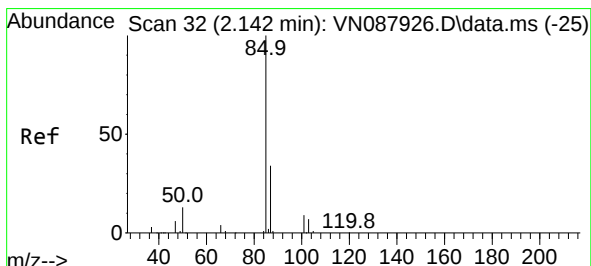
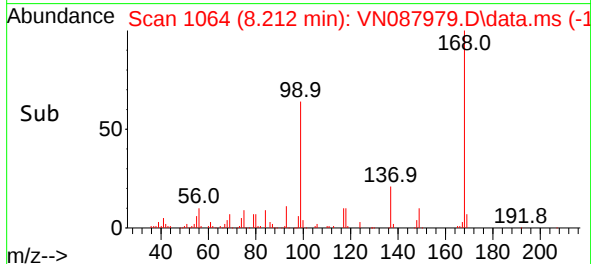
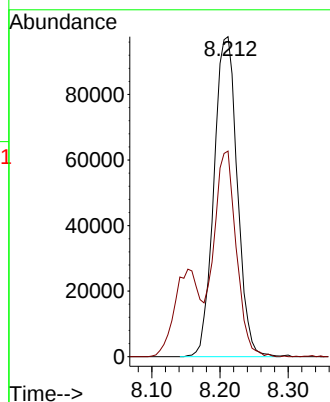
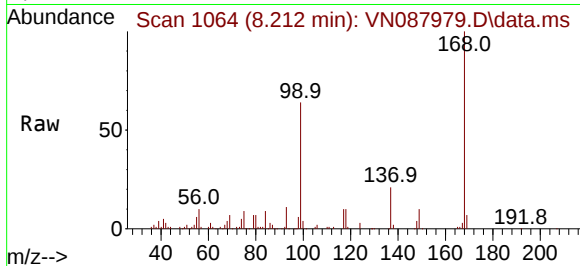




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087979.D
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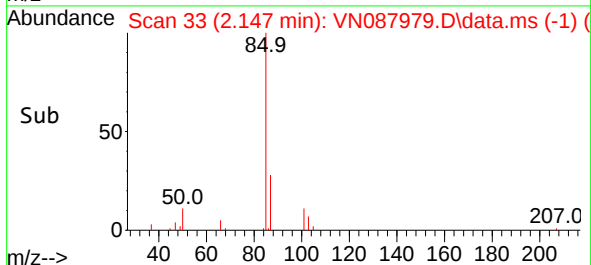
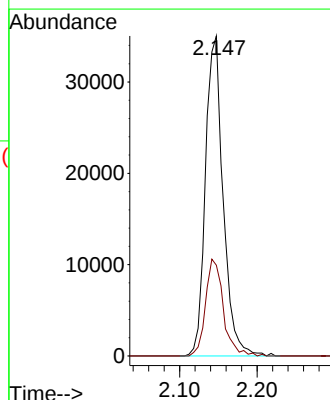
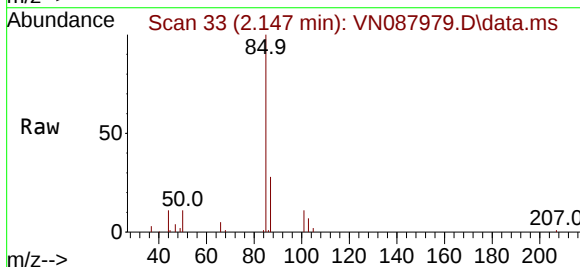
Instrument :
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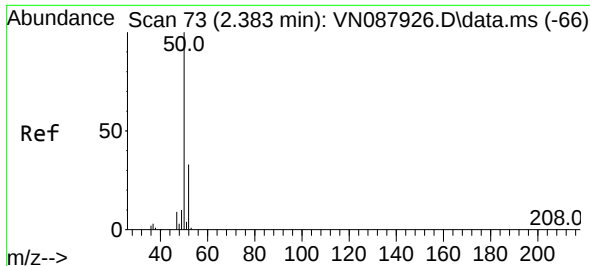
Tgt Ion:168 Resp: 232531
Ion Ratio Lower Upper
168 100
99 64.3 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 20.607 ug/l
RT: 2.147 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 85 Resp: 55493
Ion Ratio Lower Upper
85 100
87 28.4 16.9 50.6

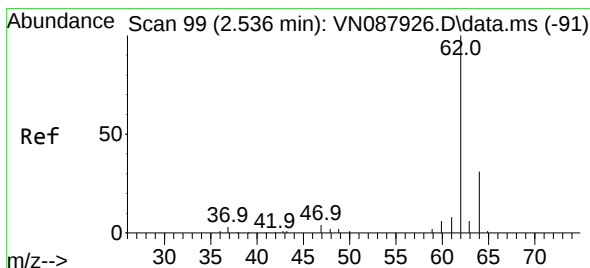
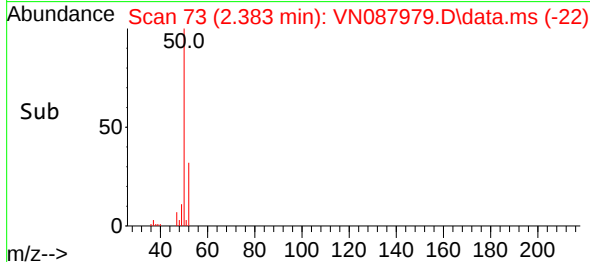
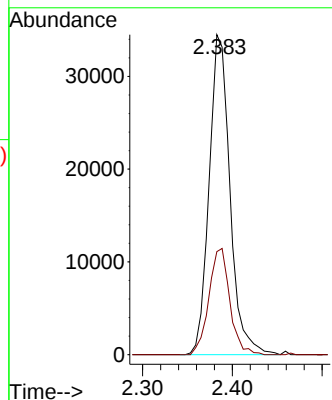
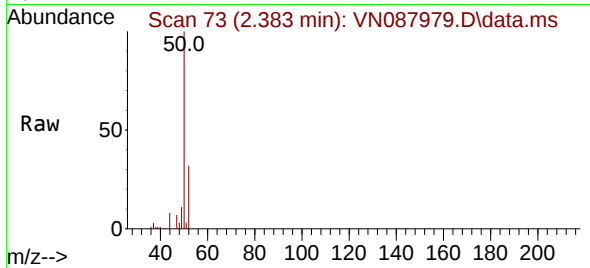




#3
Chloromethane
Concen: 20.195 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

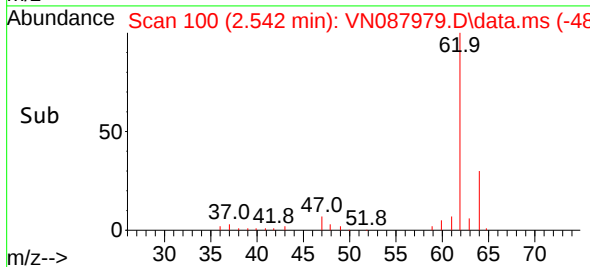
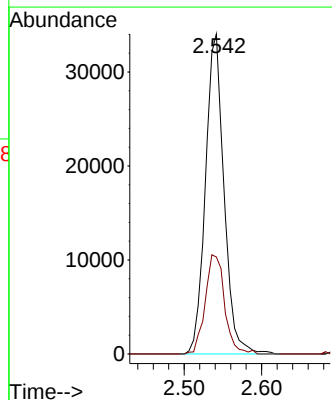
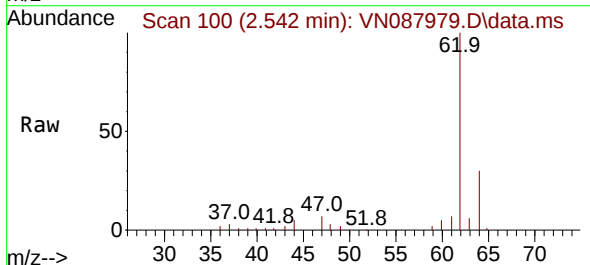
Instrument :
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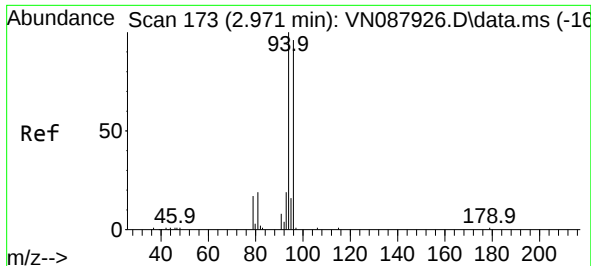
Tgt Ion: 50 Resp: 55685
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 20.106 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 62 Resp: 56560
Ion Ratio Lower Upper
62 100
64 30.3 25.2 37.8

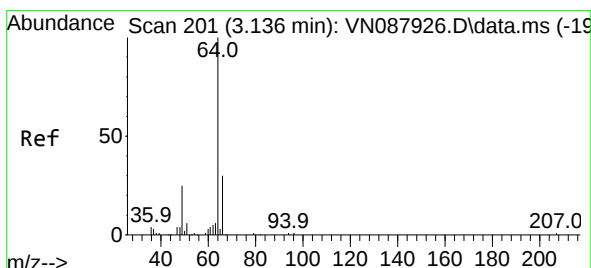
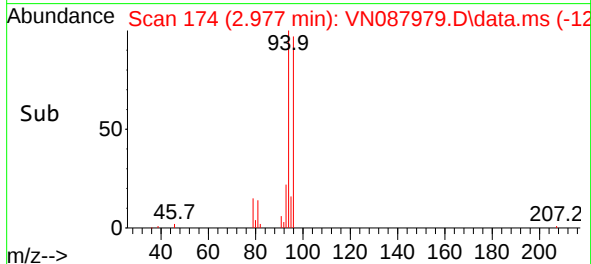
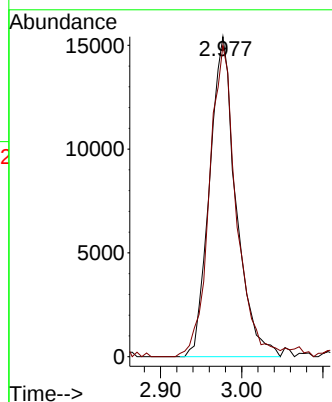
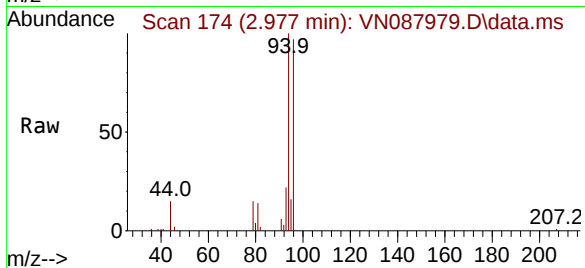




#5
Bromomethane
Concen: 19.983 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

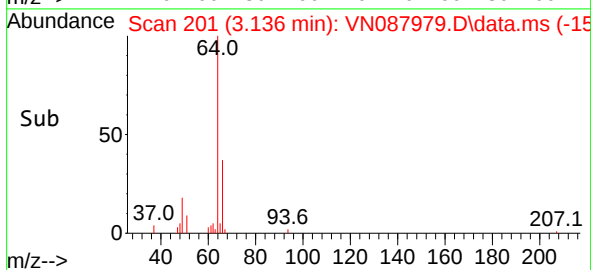
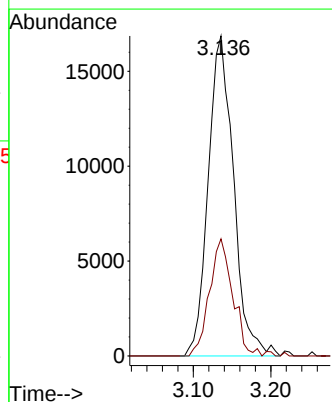
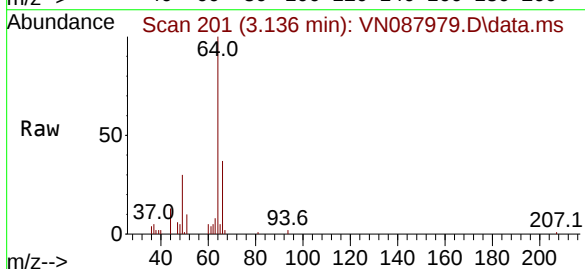
Instrument :
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Tgt Ion: 94 Resp: 34849
Ion Ratio Lower Upper
94 100
96 96.3 76.8 115.2



#6
Chloroethane
Concen: 20.987 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 64 Resp: 38387
Ion Ratio Lower Upper
64 100
66 36.6 23.8 35.8#

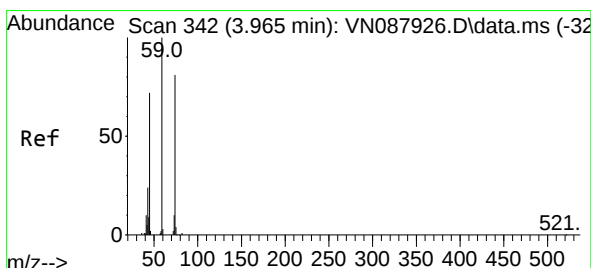
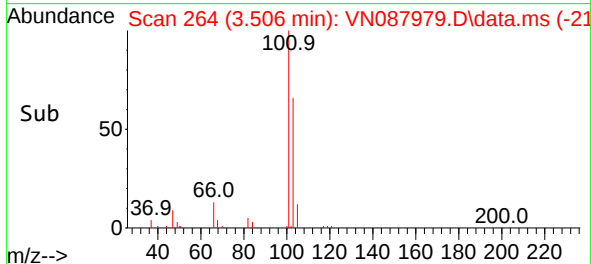
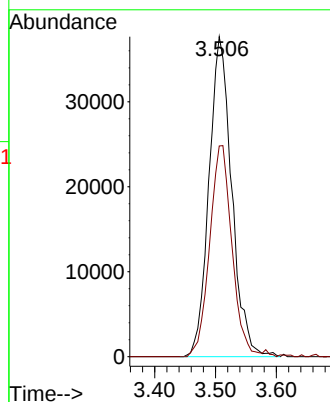
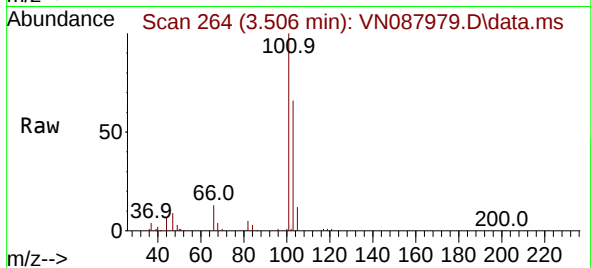




#7
 Trichlorofluoromethane
 Concen: 21.327 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN087979.D
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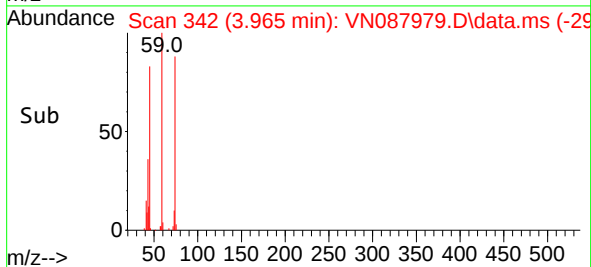
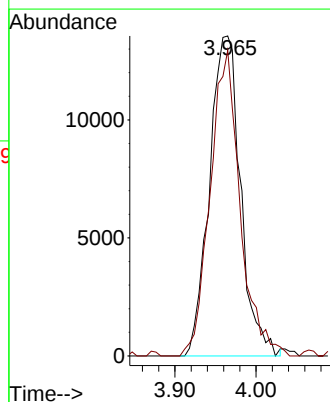
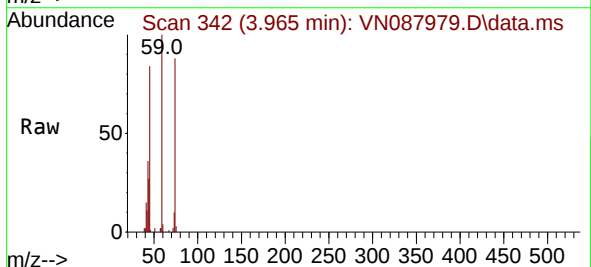
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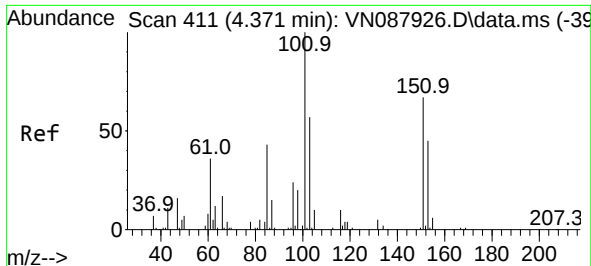
Tgt Ion:101 Resp: 97680
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 20.815 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 74 Resp: 36017
 Ion Ratio Lower Upper
 74 100
 45 92.2 45.4 136.1

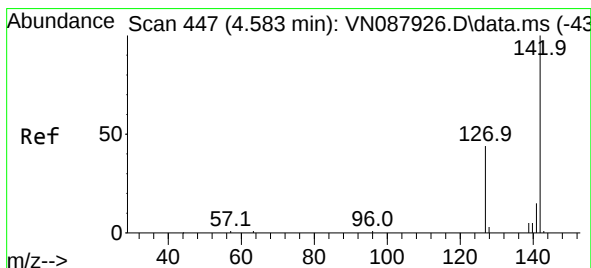
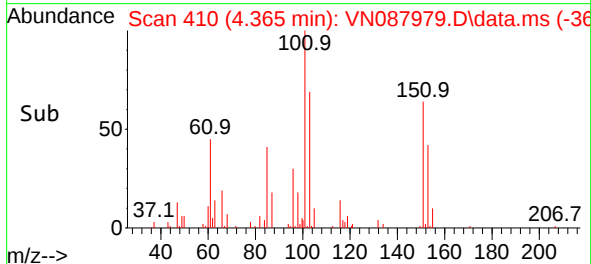
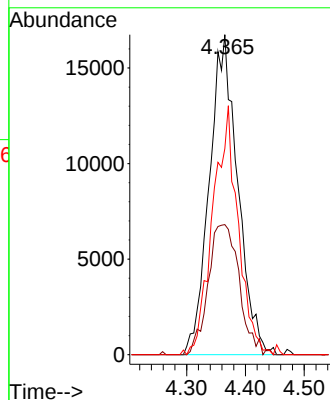
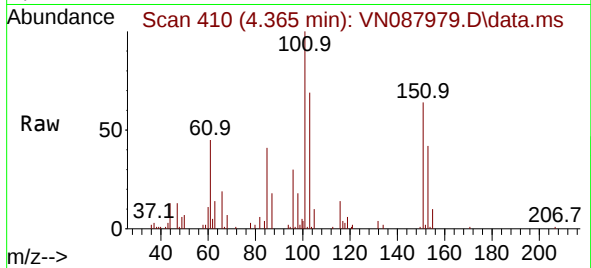




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.154 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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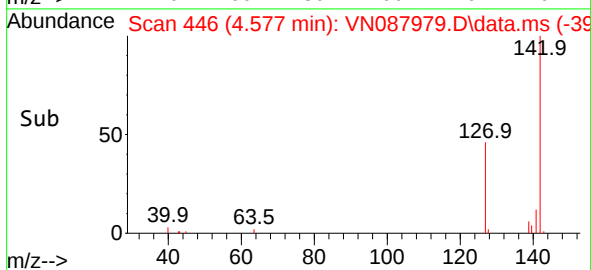
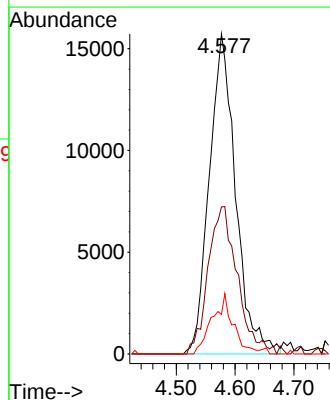
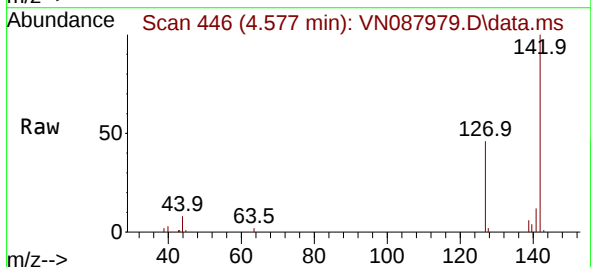
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

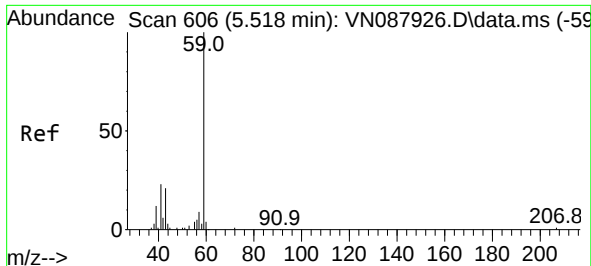
Tgt Ion:101 Resp: 56051
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 69.2 58.6 87.8



#10
Methyl Iodide
Concen: 22.464 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:142 Resp: 48941
Ion Ratio Lower Upper
142 100
127 45.9 35.3 52.9
141 12.4 11.8 17.8

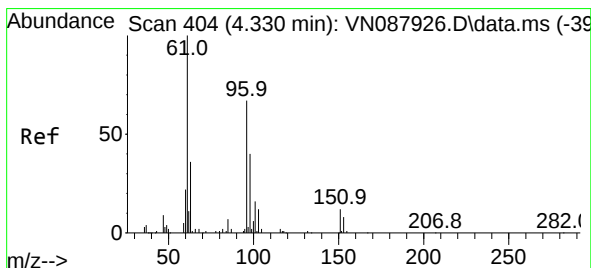
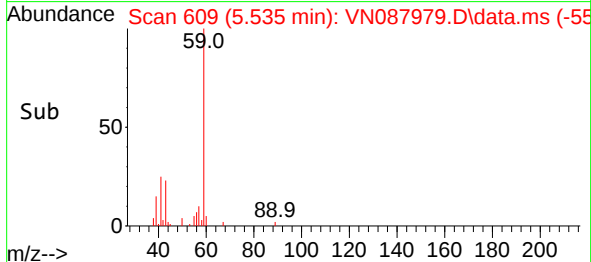
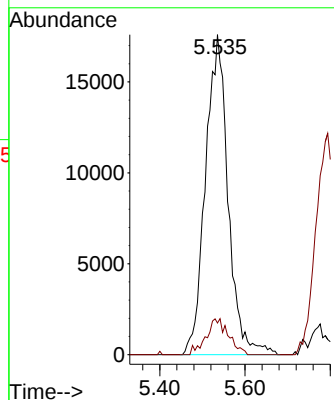
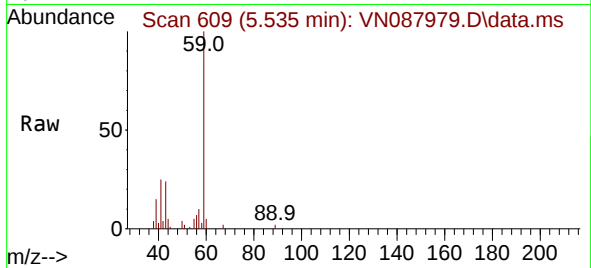




#11
Tert butyl alcohol
Concen: 115.227 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.017 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

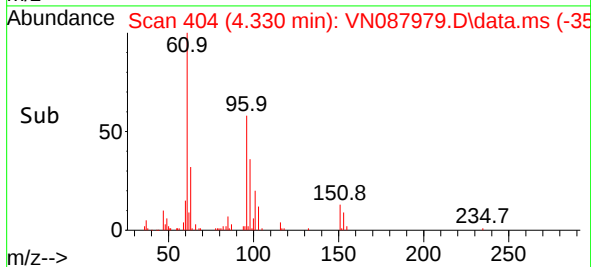
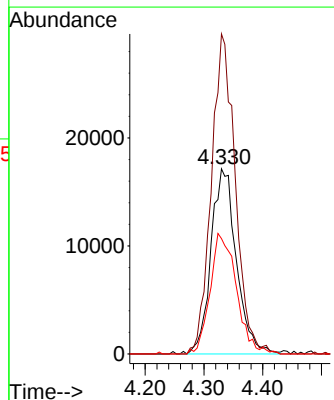
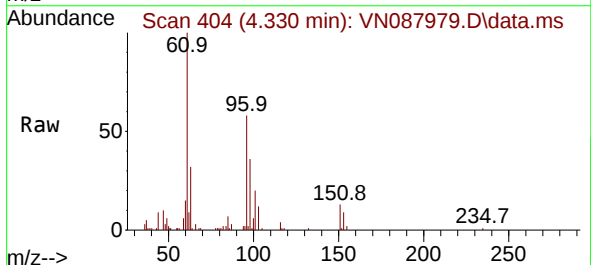
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

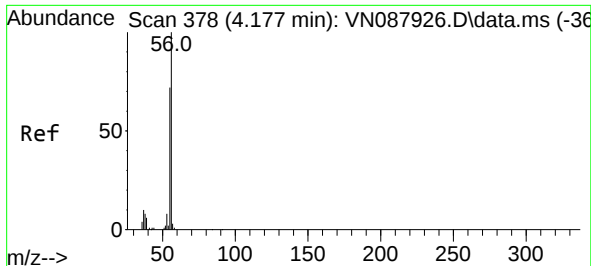
Tgt Ion: 59 Resp: 64948
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 21.075 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 96 Resp: 51476
Ion Ratio Lower Upper
96 100
61 172.9 119.2 178.8
98 62.4 47.5 71.3





#13

Acrolein

Concen: 83.025 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

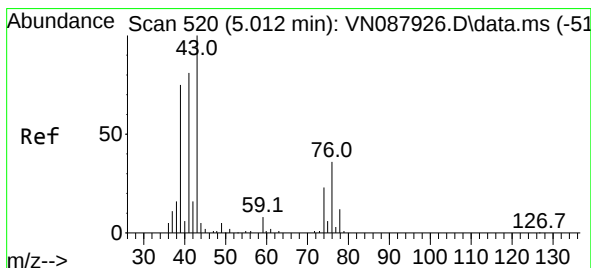
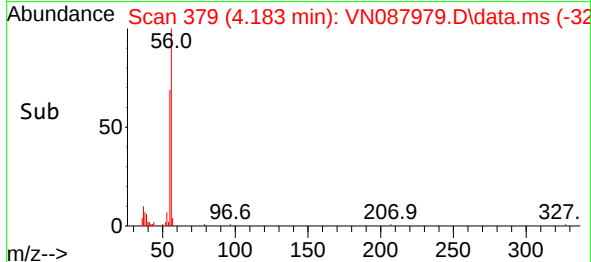
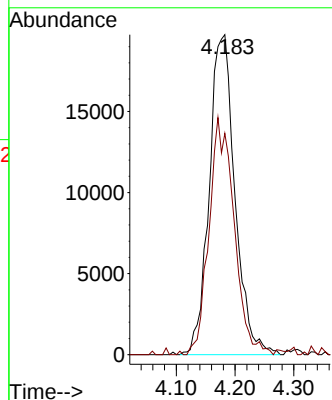
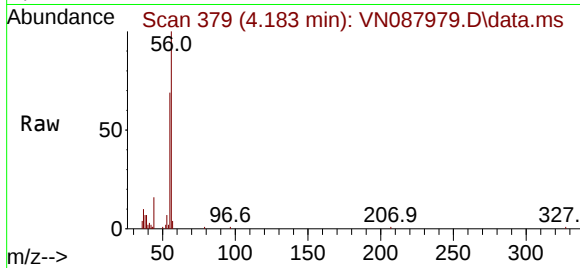
VN0929WBS01

Tgt Ion: 56 Resp: 60046

Ion Ratio Lower Upper

56 100

55 72.2 59.3 88.9



#14

Allyl chloride

Concen: 20.169 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

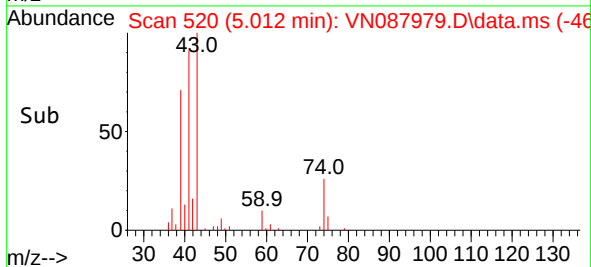
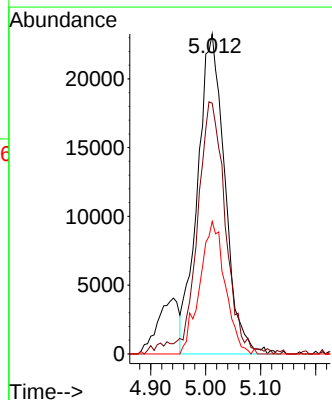
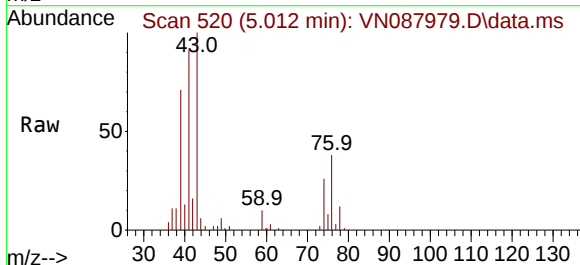
Tgt Ion: 41 Resp: 80202

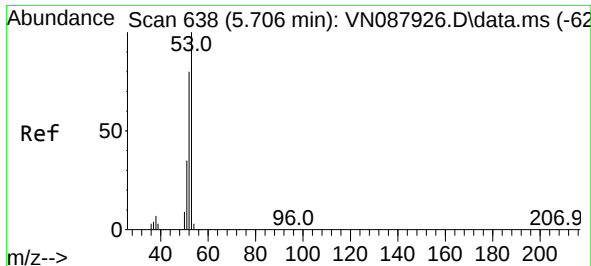
Ion Ratio Lower Upper

41 100

39 79.5 63.8 95.8

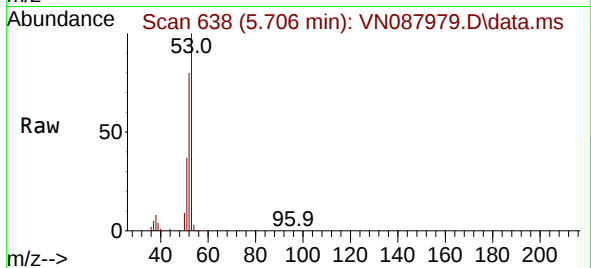
76 38.4 33.0 49.6



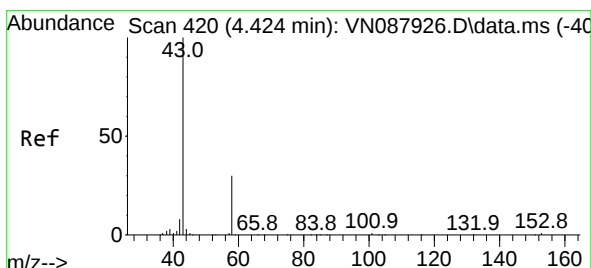
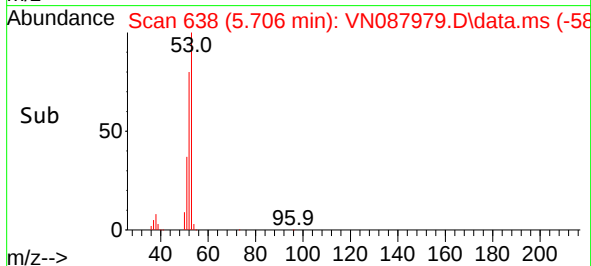
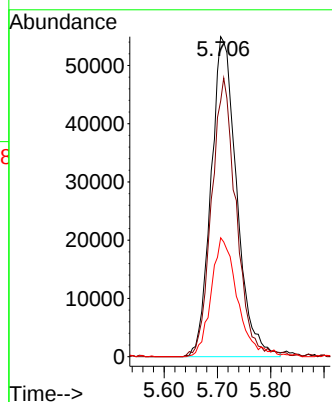


#15
Acrylonitrile
Concen: 103.739 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

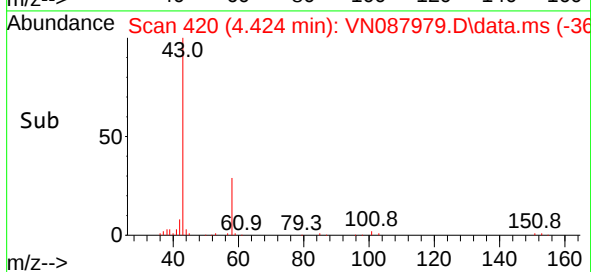
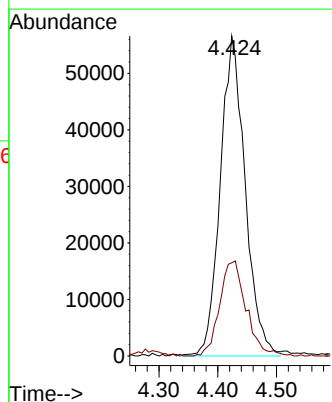
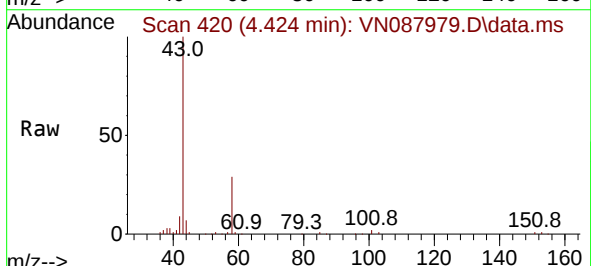


Tgt Ion: 53 Resp: 183415
Ion Ratio Lower Upper
53 100
52 83.8 66.6 99.8
51 38.2 29.0 43.4



#16
Acetone
Concen: 103.636 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 43 Resp: 166865
Ion Ratio Lower Upper
43 100
58 28.6 24.1 36.1

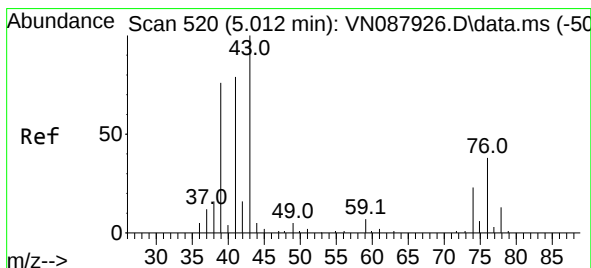
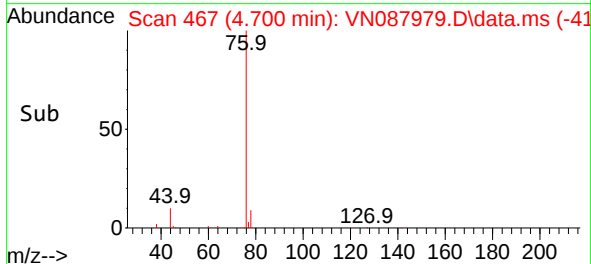
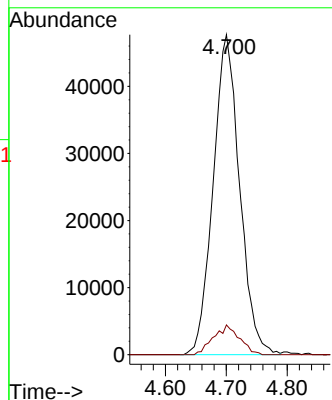
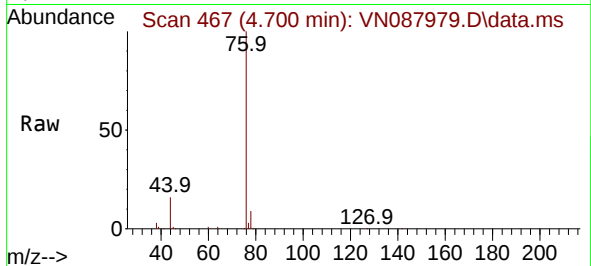




#17
Carbon Disulfide
Concen: 18.843 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

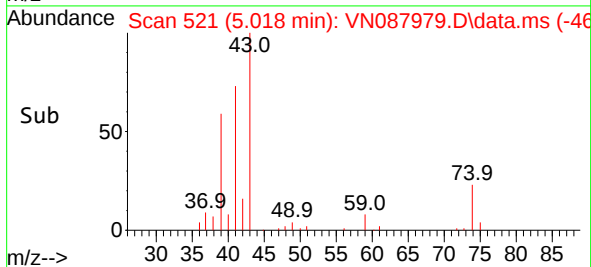
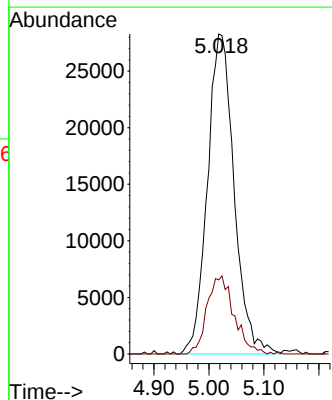
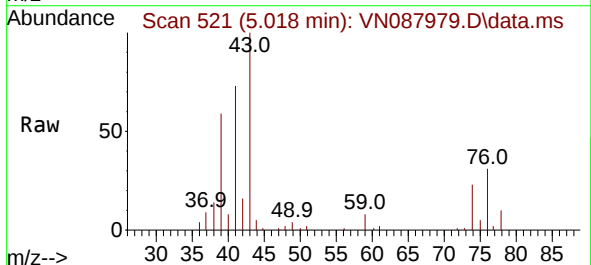
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

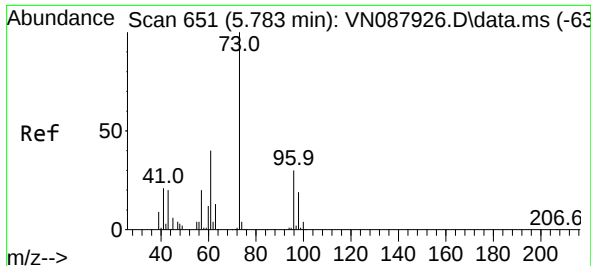
Tgt Ion: 76 Resp: 143798
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1



#18
Methyl Acetate
Concen: 23.685 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 43 Resp: 95440
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5

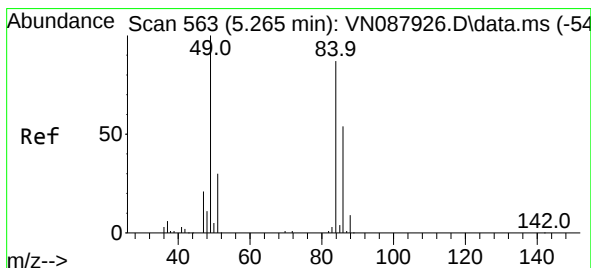
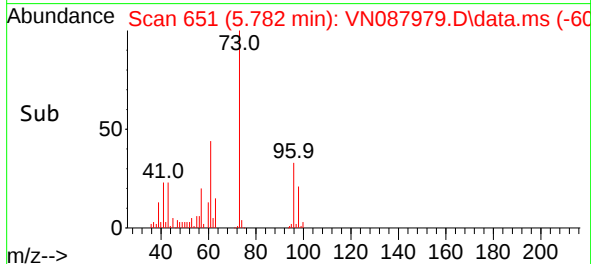
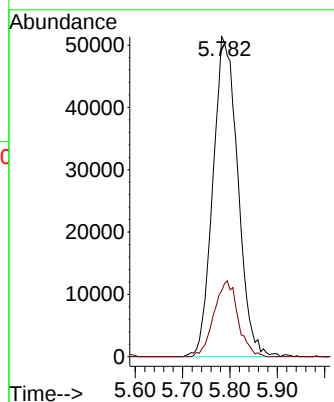
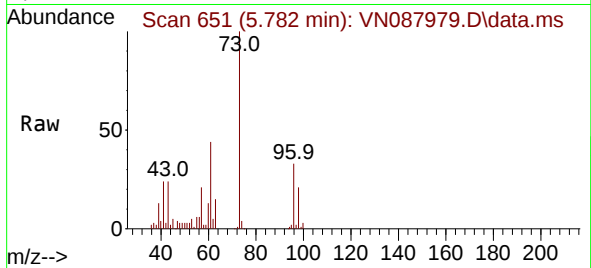




#19
Methyl tert-butyl Ether
Concen: 19.648 ug/l
RT: 5.782 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

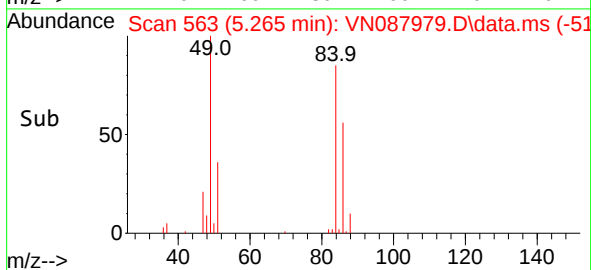
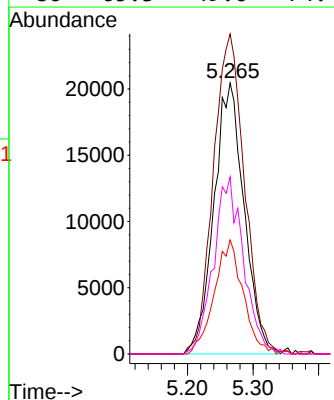
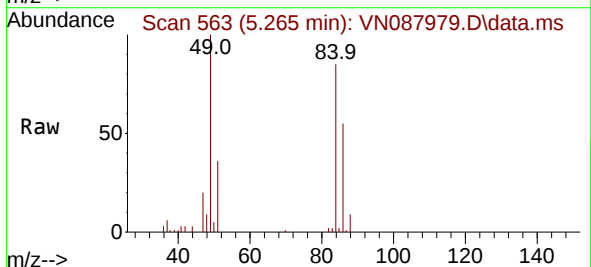
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

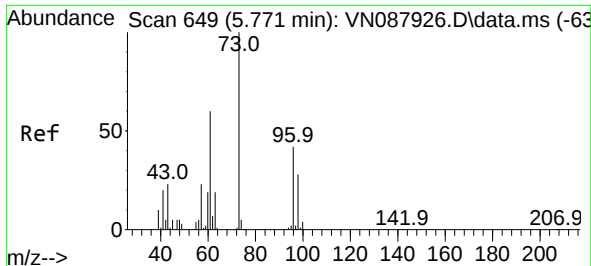
Tgt Ion: 73 Resp: 187471
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#20
Methylene Chloride
Concen: 20.056 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 84 Resp: 65365
Ion Ratio Lower Upper
84 100
49 118.1 92.1 138.1
51 42.1 27.7 41.5#
86 65.3 49.6 74.4

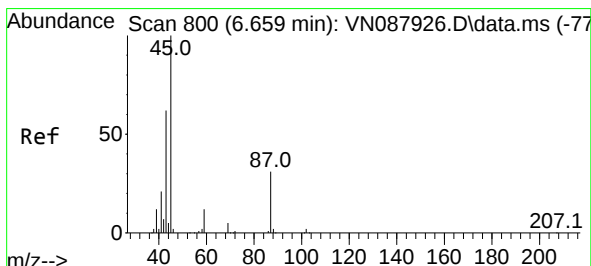
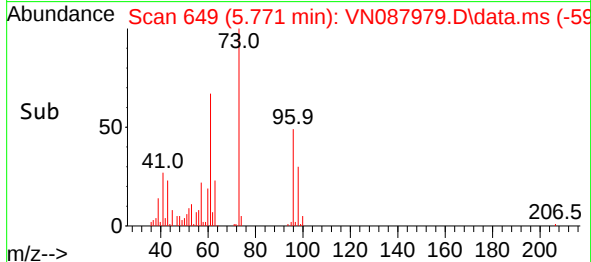
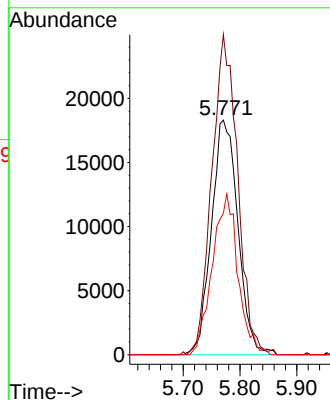
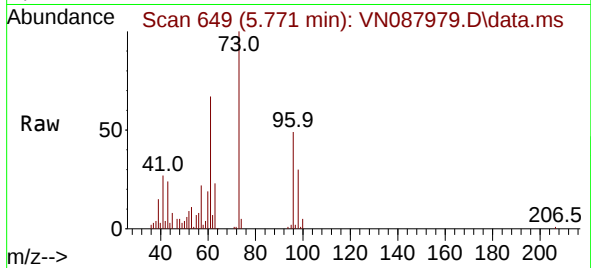




#21
trans-1,2-Dichloroethene
Concen: 19.807 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

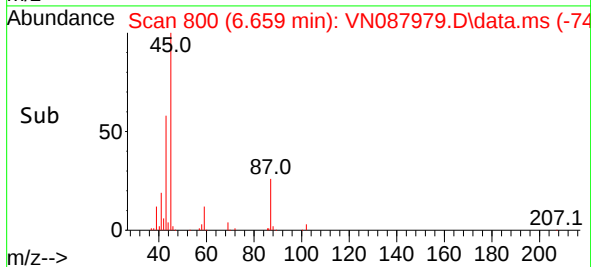
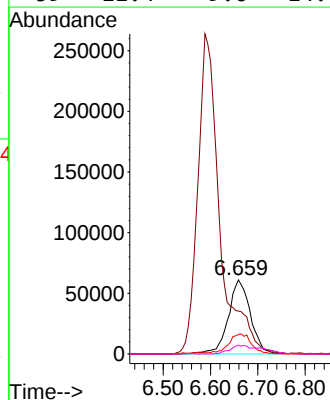
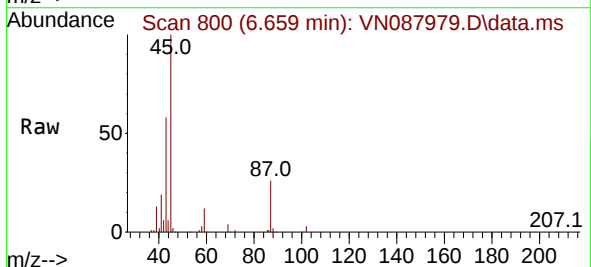
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion: 96 Resp: 59309
Ion Ratio Lower Upper
96 100
61 136.4 114.4 171.6
98 60.3 53.6 80.4



#22
Diisopropyl ether
Concen: 21.267 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 45 Resp: 197424
Ion Ratio Lower Upper
45 100
43 56.7 49.9 74.9
87 26.4 25.2 37.8
59 11.4 9.6 14.4

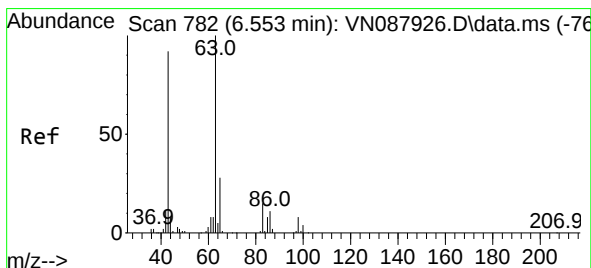
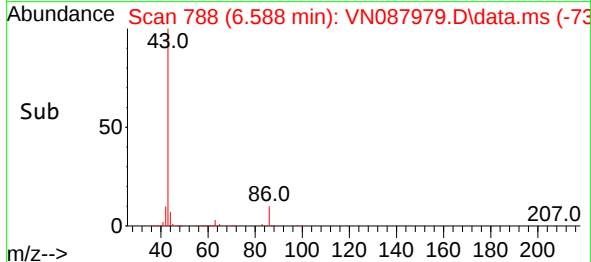
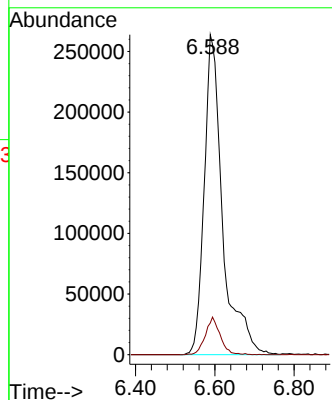
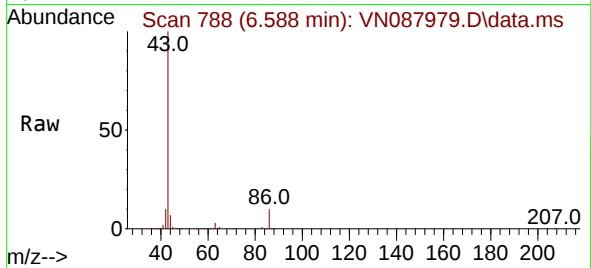




#23
 Vinyl Acetate
 Concen: 108.861 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

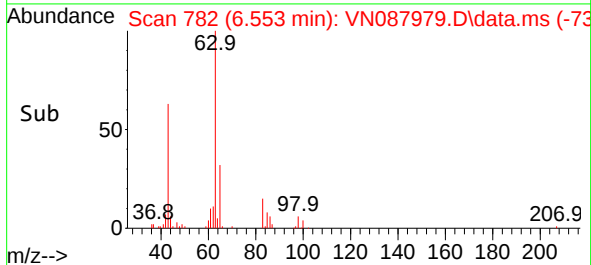
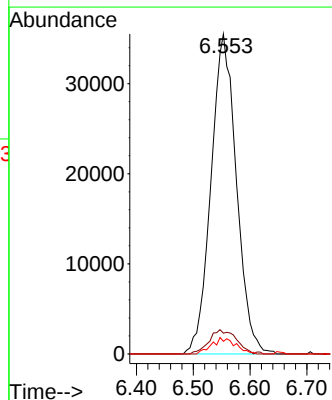
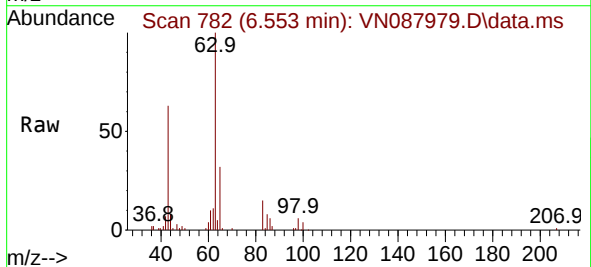
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Tgt Ion: 43 Resp: 850872
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.381 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 63 Resp: 110533
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.5
 100 4.0 2.1 6.5

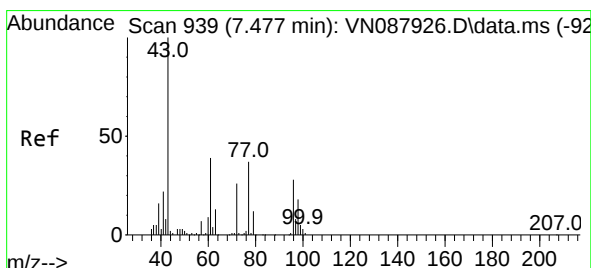
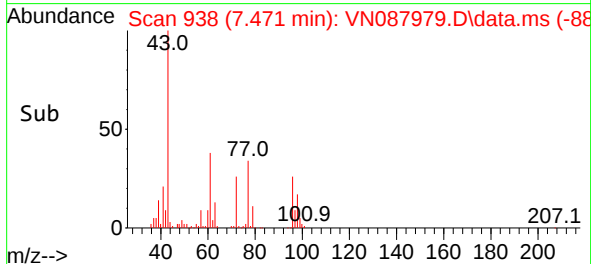
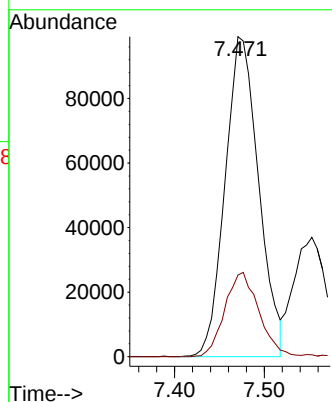
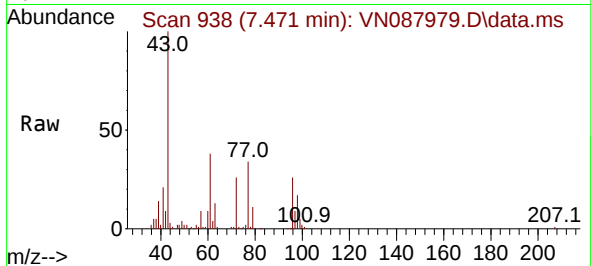




#25
2-Butanone
Concen: 104.728 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

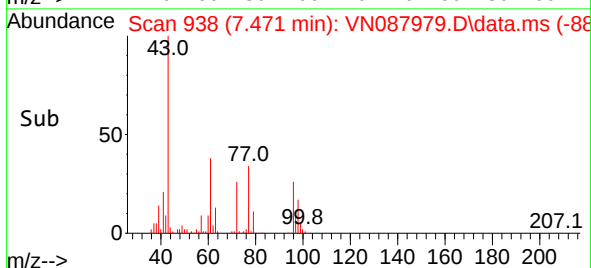
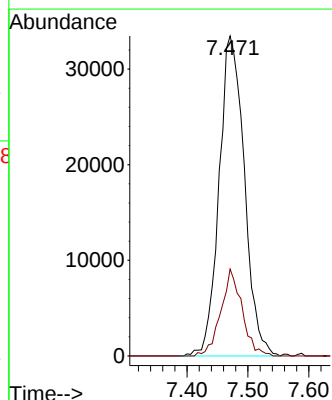
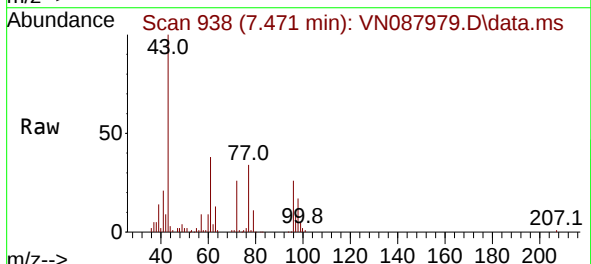
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion: 43 Resp: 257735
Ion Ratio Lower Upper
43 100
72 25.7 21.5 32.3



#26
2,2-Dichloropropane
Concen: 19.992 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 77 Resp: 96330
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5

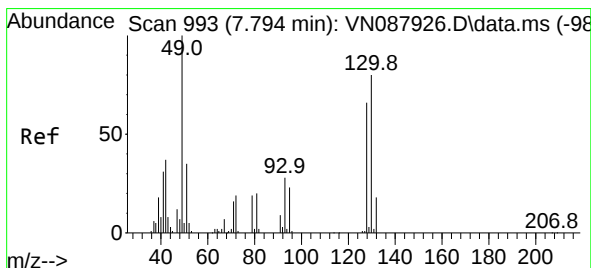
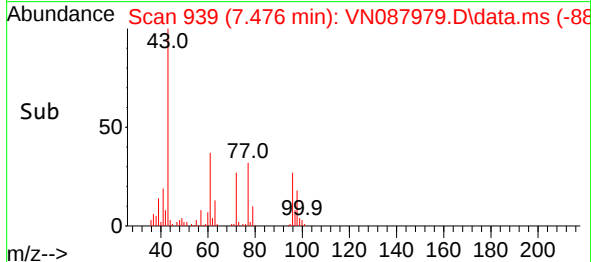
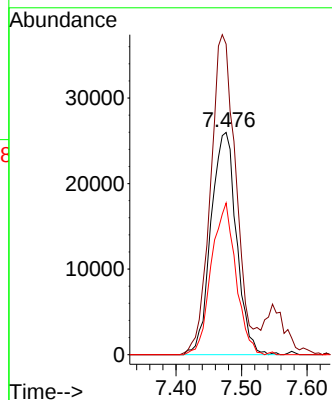
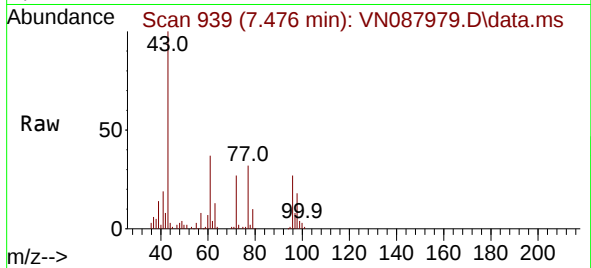




#27
 cis-1,2-Dichloroethene
 Concen: 19.661 ug/l
 RT: 7.476 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

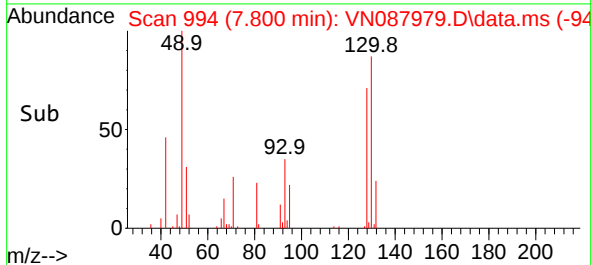
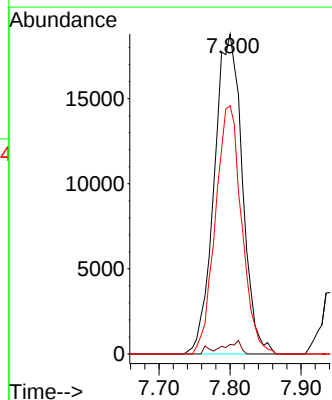
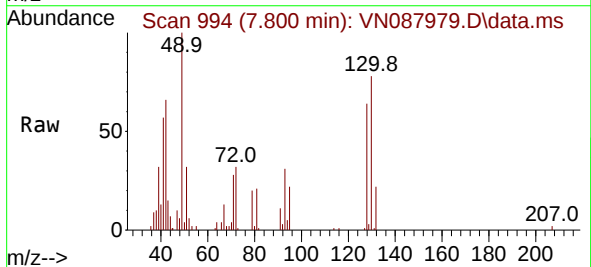
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

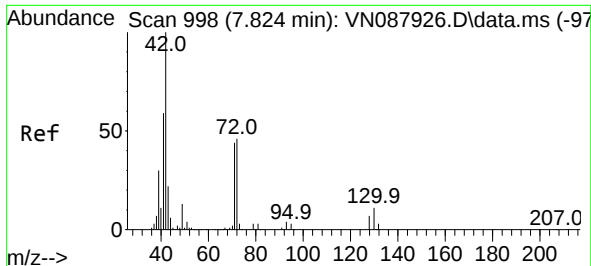
Tgt Ion: 96 Resp: 70050
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 283.0
 98 65.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 17.454 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 49 Resp: 51431
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.4
 130 72.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 107.685 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

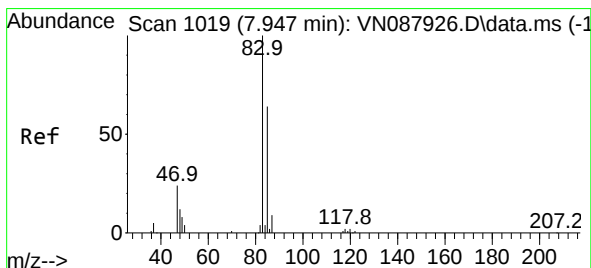
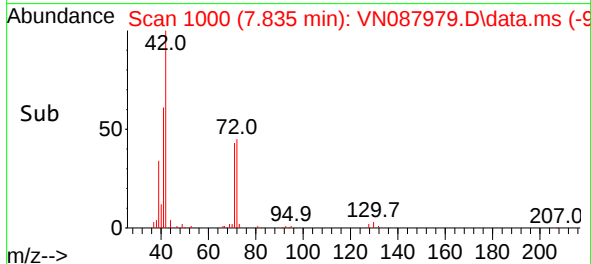
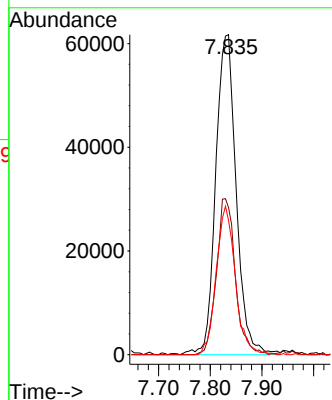
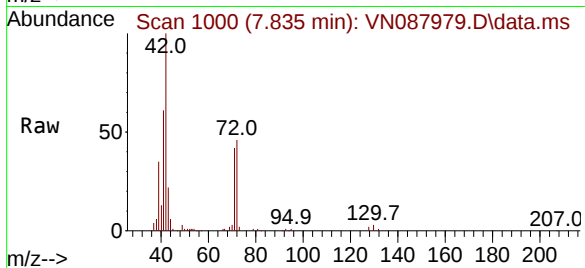
Tgt Ion: 42 Resp: 169691

Ion Ratio Lower Upper

42 100

72 45.1 36.5 54.7

71 43.2 33.8 50.8



#30

Chloroform

Concen: 20.869 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087979.D

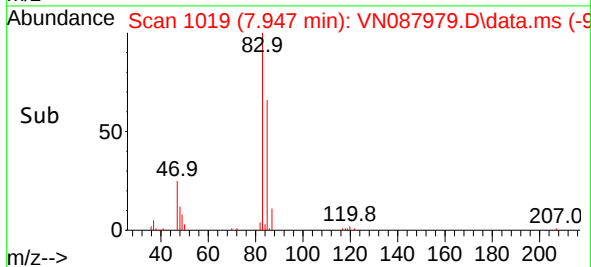
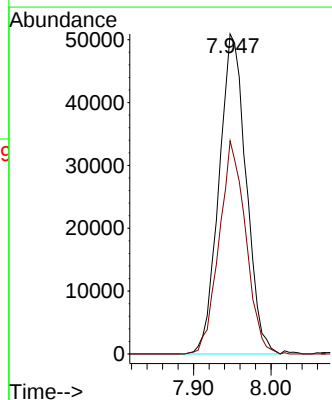
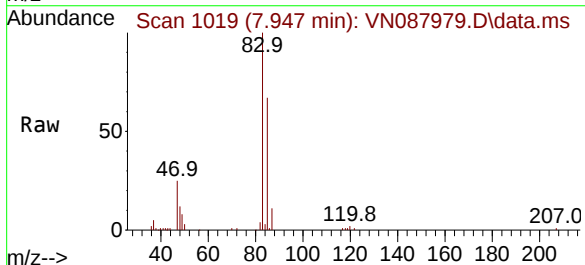
Acq: 29 Sep 2025 13:52

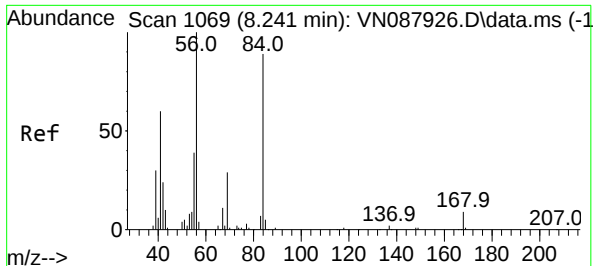
Tgt Ion: 83 Resp: 123752

Ion Ratio Lower Upper

83 100

85 66.6 50.9 76.3

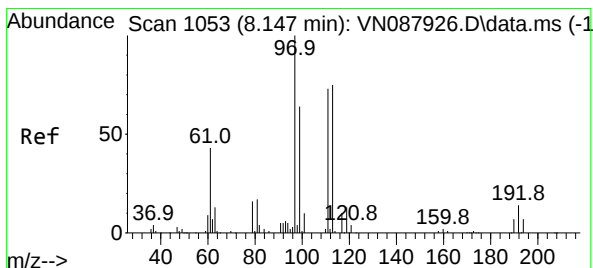
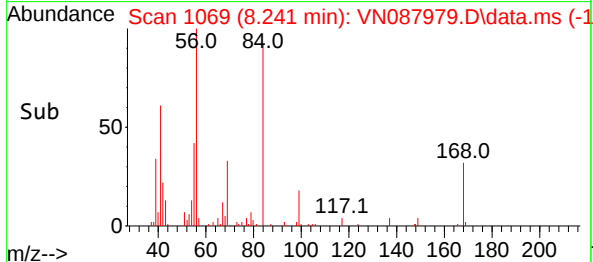
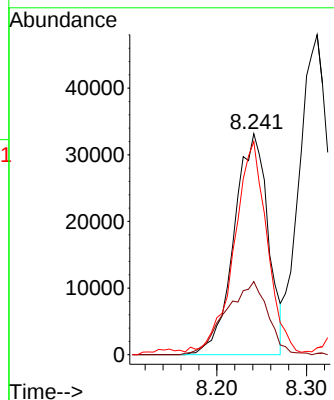
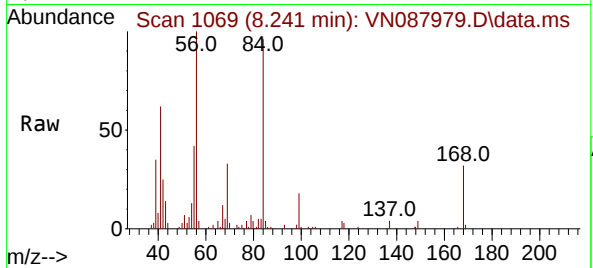




#31
Cyclohexane
Concen: 19.913 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

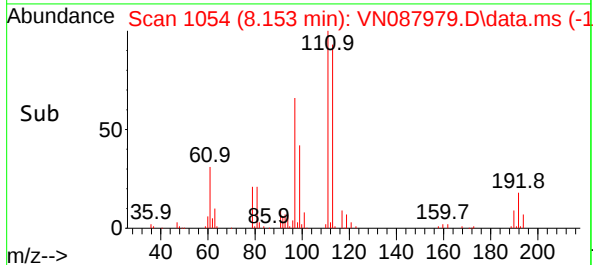
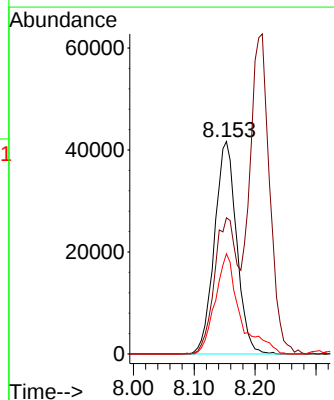
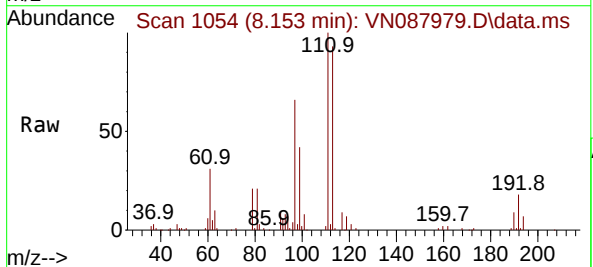
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

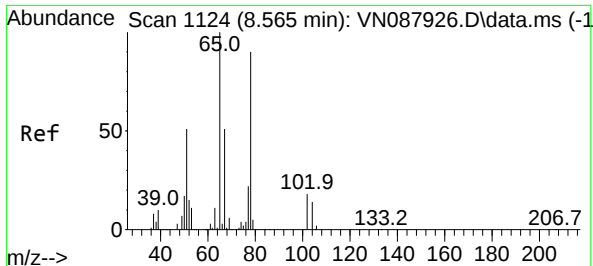
Tgt Ion: 56 Resp: 87382
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.0
84 94.5 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 20.940 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 97 Resp: 104924
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 52.4 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 48.230 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

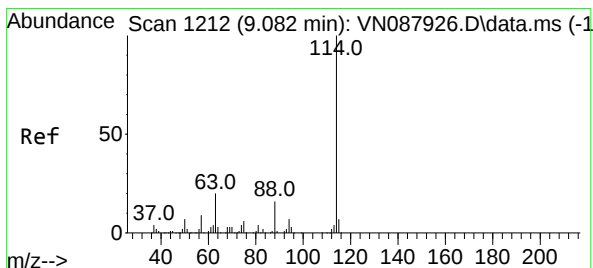
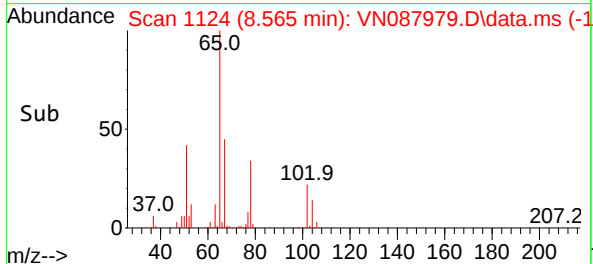
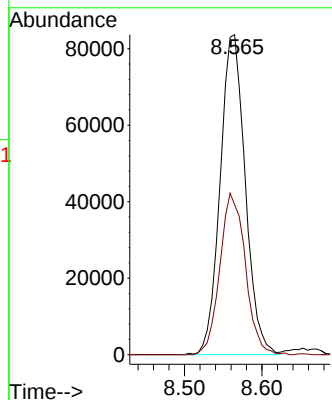
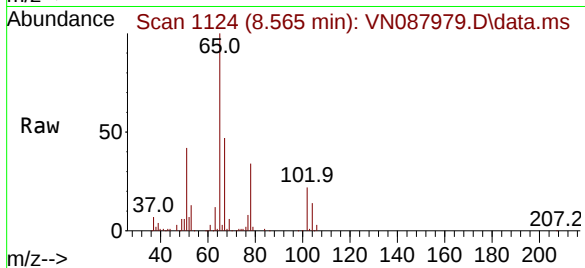
VN0929WBS01

Tgt Ion: 65 Resp: 188738

Ion Ratio Lower Upper

65 100

67 51.2 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: VN087979.D

Acq: 29 Sep 2025 13:52

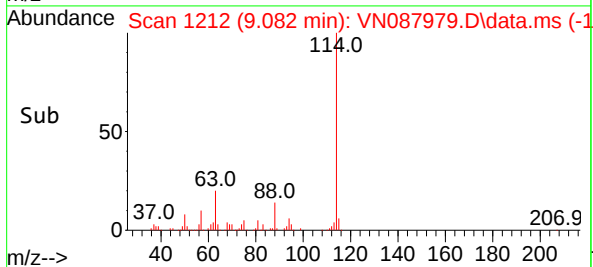
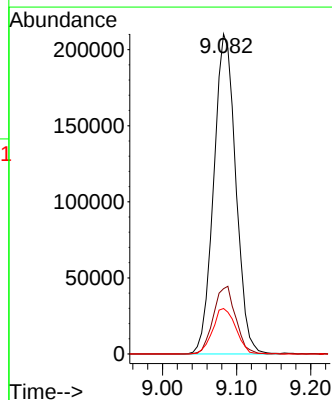
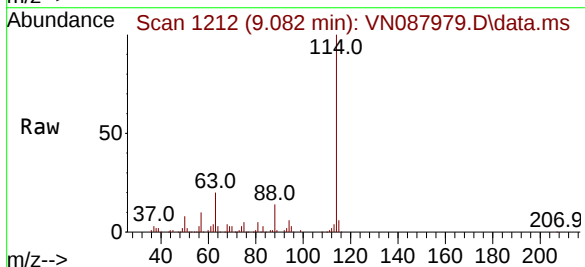
Tgt Ion: 114 Resp: 434358

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.916 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

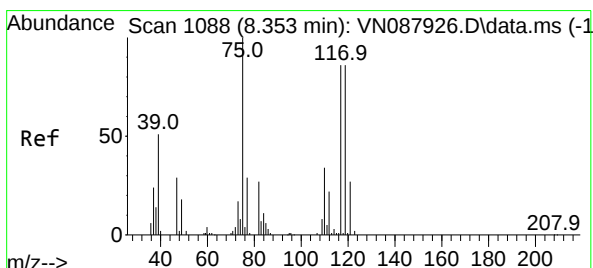
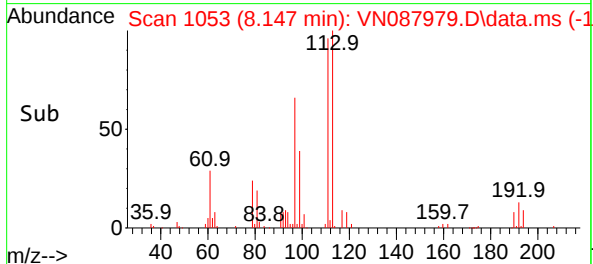
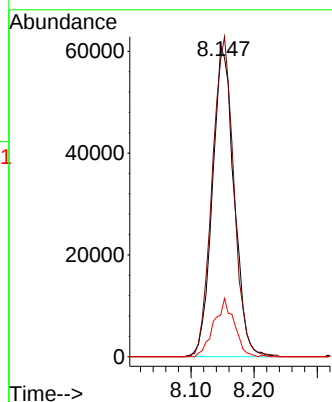
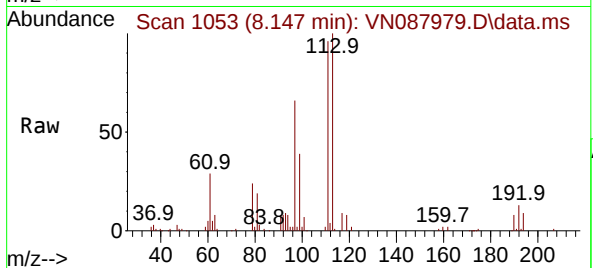
Tgt Ion:113 Resp: 144805

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 17.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 20.884 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

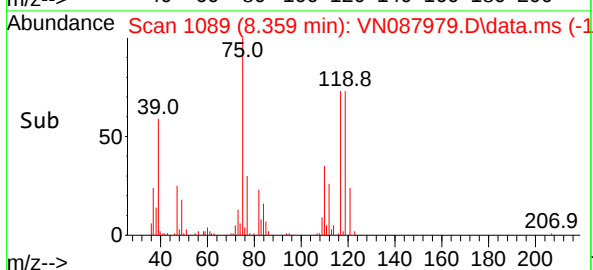
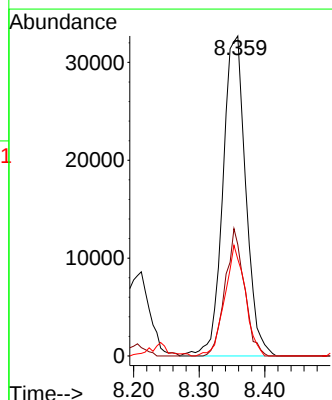
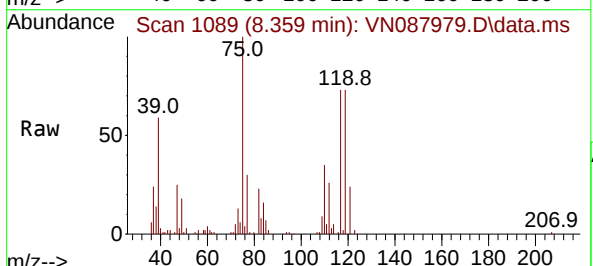
Tgt Ion: 75 Resp: 79196

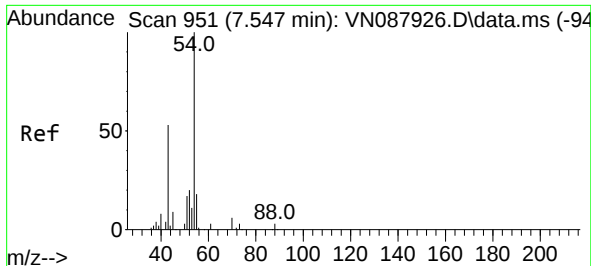
Ion Ratio Lower Upper

75 100

110 33.5 17.1 51.3

77 31.1 24.8 37.2

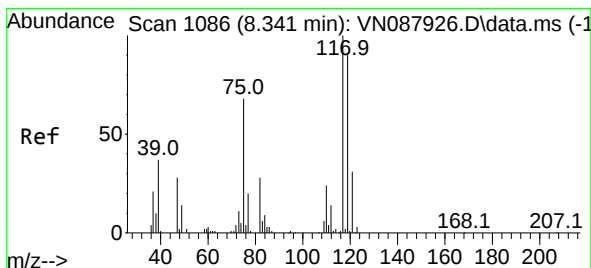
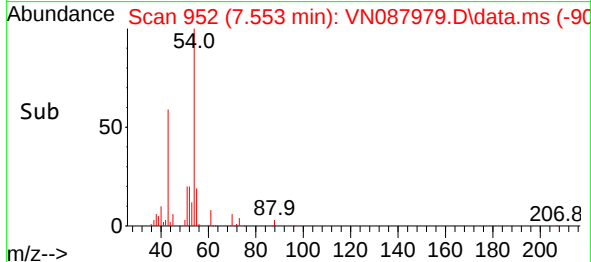
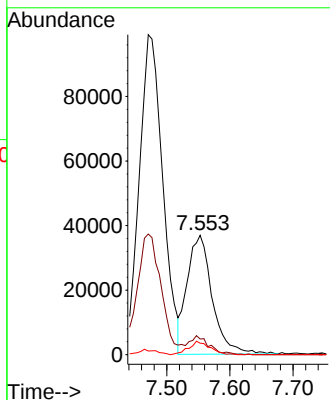
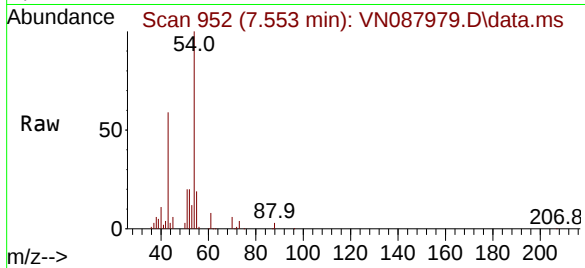




#37
Ethyl Acetate
Concen: 20.455 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

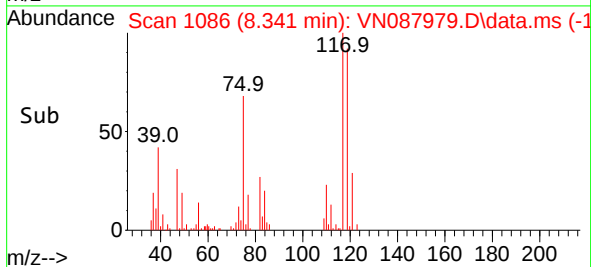
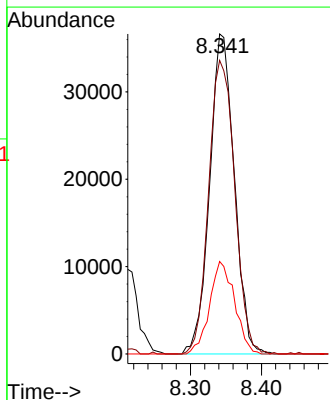
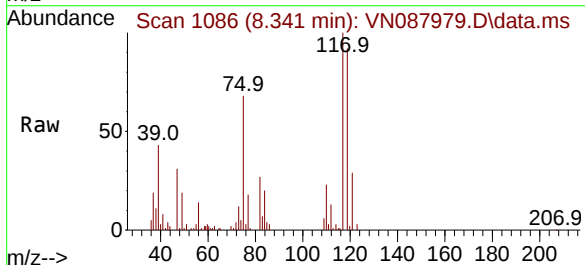
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion: 43 Resp: 101860
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.280 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 117 Resp: 88245
Ion Ratio Lower Upper
117 100
119 91.8 72.1 108.1
121 28.9 24.6 36.8





#39

Methylcyclohexane

Concen: 19.274 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

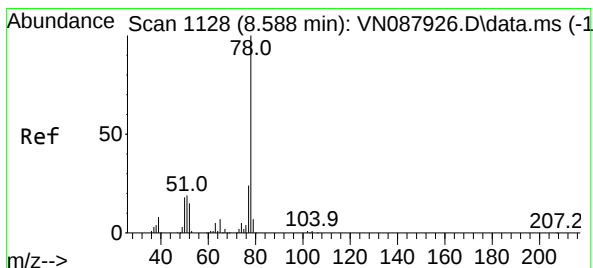
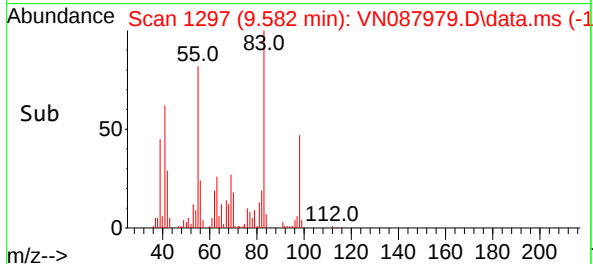
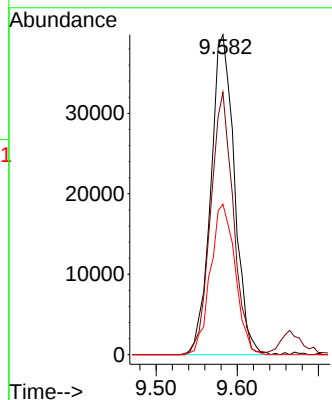
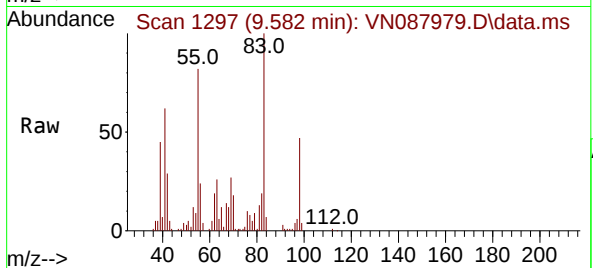
Tgt Ion: 83 Resp: 80627

Ion Ratio Lower Upper

83 100

55 82.0 59.9 89.9

98 47.1 37.4 56.2



#40

Benzene

Concen: 19.965 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087979.D

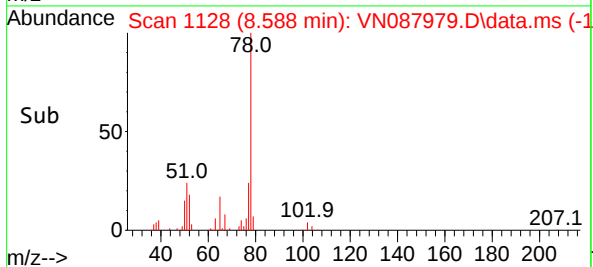
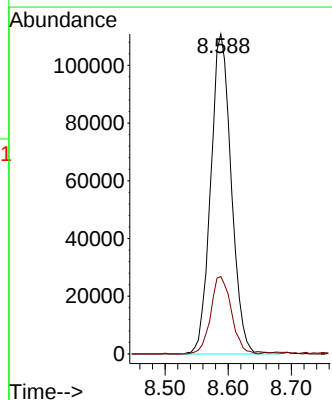
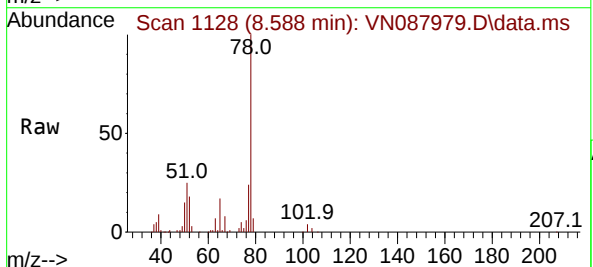
Acq: 29 Sep 2025 13:52

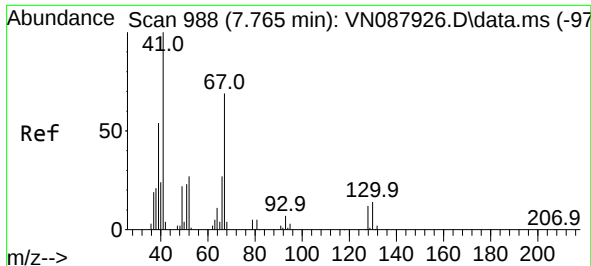
Tgt Ion: 78 Resp: 250676

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

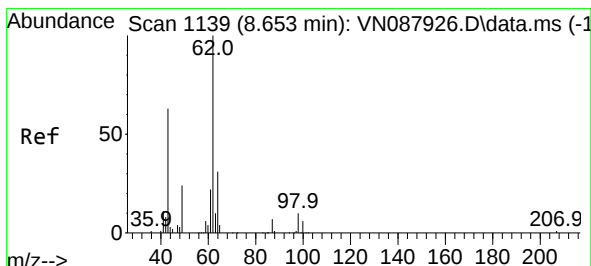
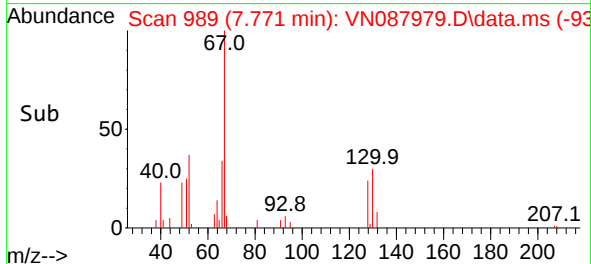
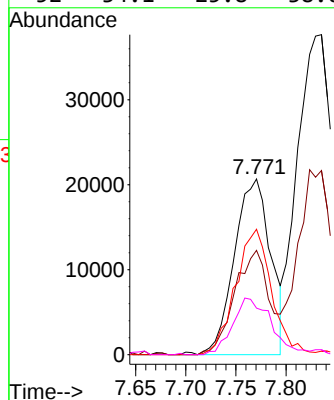
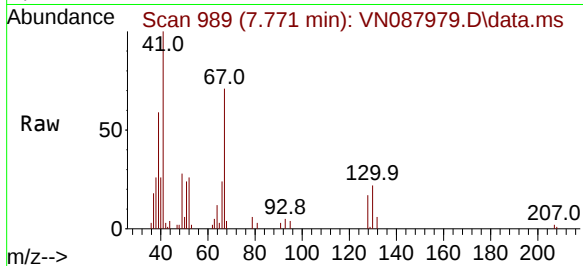




#41
Methacrylonitrile
Concen: 20.262 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

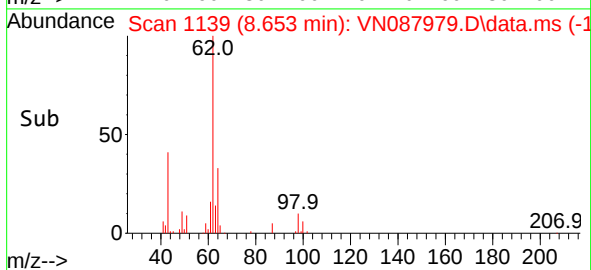
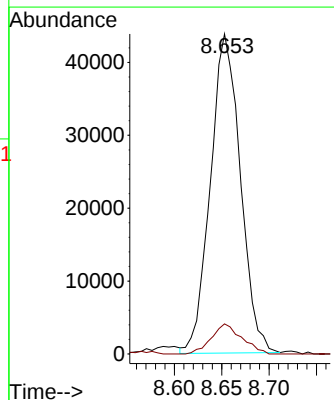
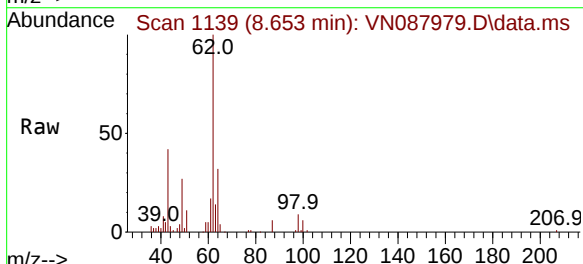
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

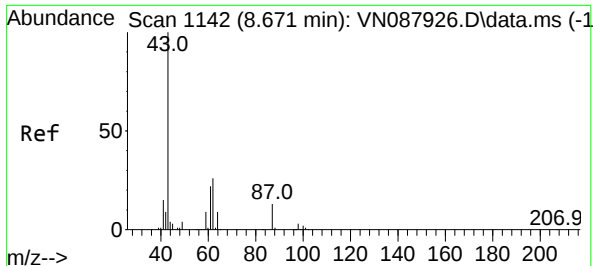
Tgt Ion:	41	Resp:	52143
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.5	65.3
67	70.6	57.6	86.4
52	34.1	25.8	38.6



#42
1,2-Dichloroethane
Concen: 20.562 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:	62	Resp:	96346
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.443 ug/l

RT: 8.676 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

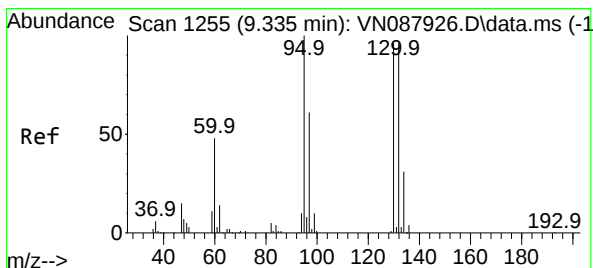
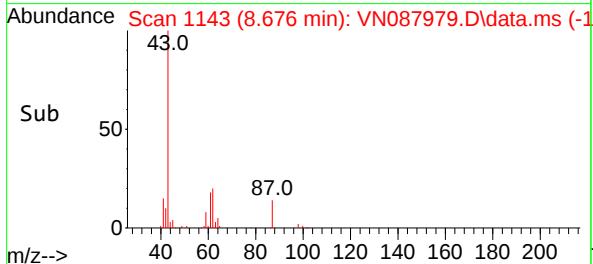
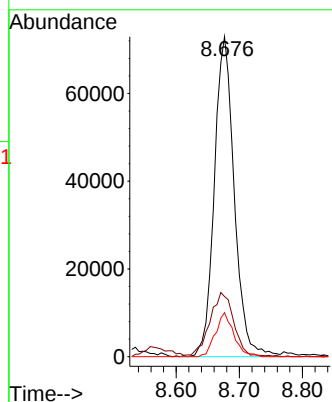
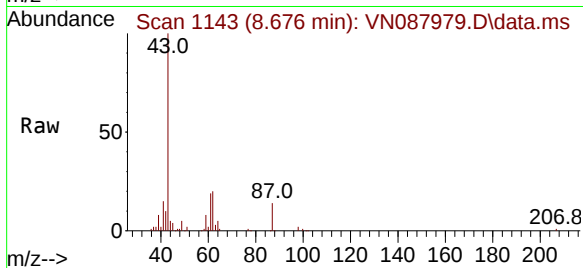
Tgt Ion: 43 Resp: 160242

Ion Ratio Lower Upper

43 100

61 23.4 20.2 30.2

87 12.6 10.9 16.3



#44

Trichloroethene

Concen: 20.042 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087979.D

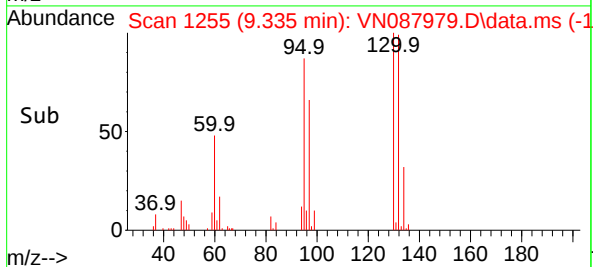
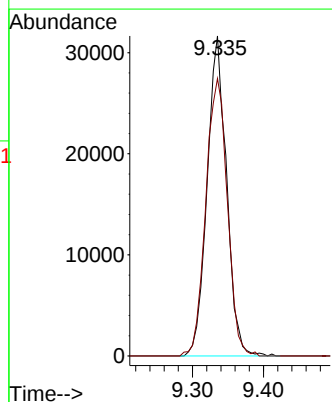
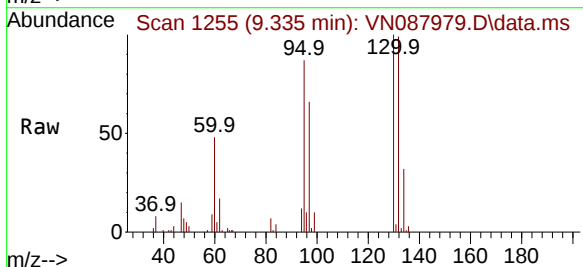
Acq: 29 Sep 2025 13:52

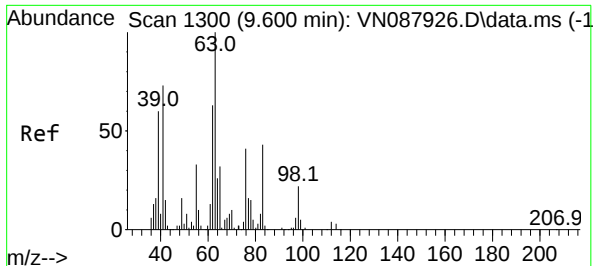
Tgt Ion: 130 Resp: 60111

Ion Ratio Lower Upper

130 100

95 86.7 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.404 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

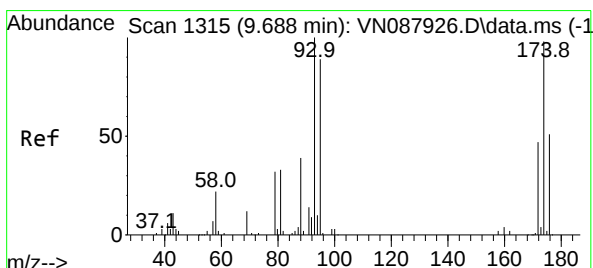
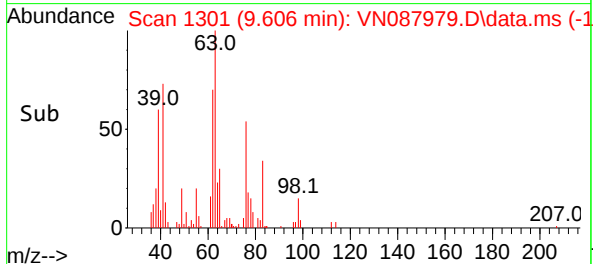
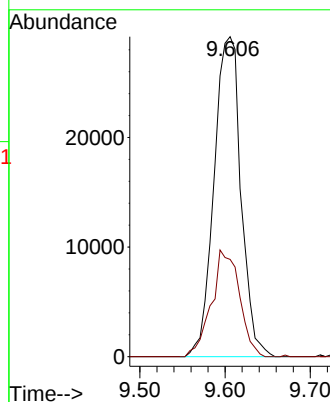
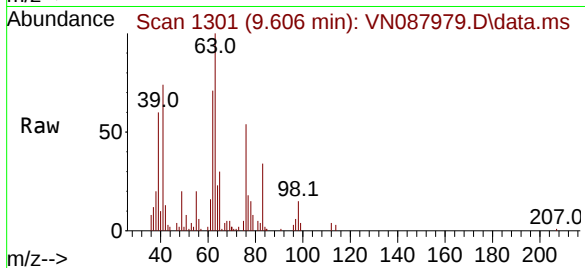
VN0929WBS01

Tgt Ion: 63 Resp: 64240

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 19.983 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

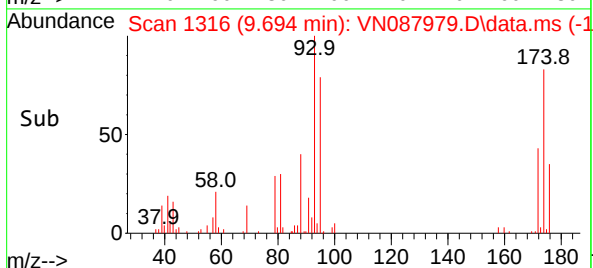
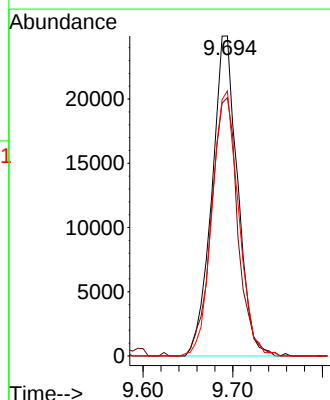
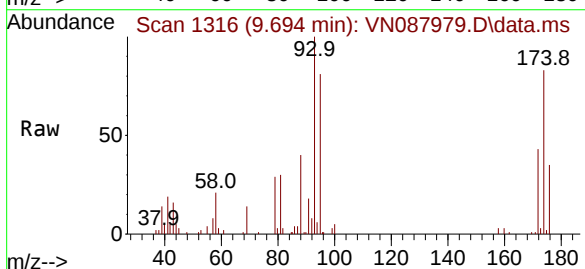
Tgt Ion: 93 Resp: 49646

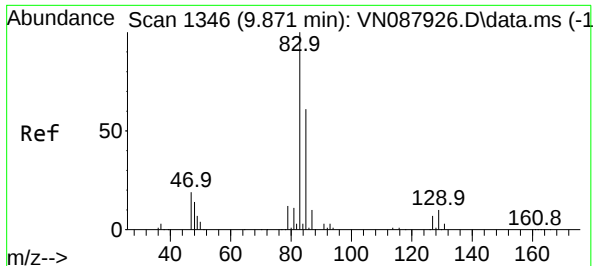
Ion Ratio Lower Upper

93 100

95 83.0 67.6 101.4

174 85.2 75.4 113.0





#47

Bromodichloromethane

Concen: 20.908 ug/l

RT: 9.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

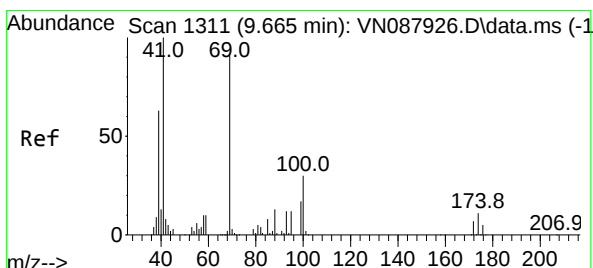
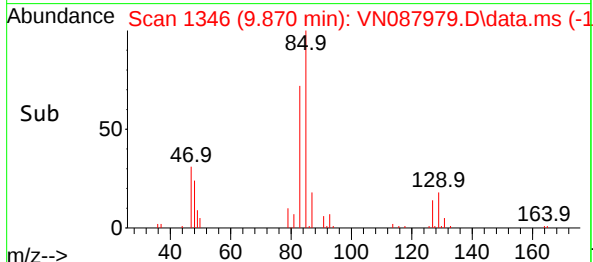
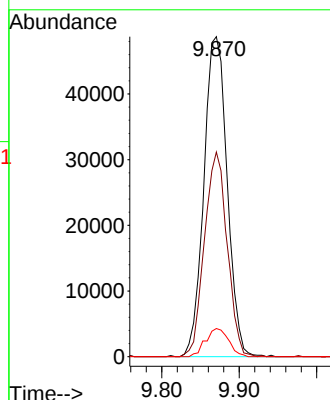
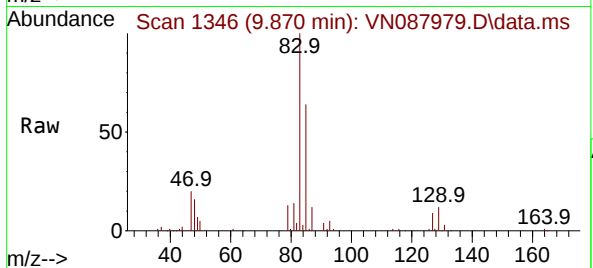
Tgt Ion: 83 Resp: 101878

Ion Ratio Lower Upper

83 100

85 64.0 49.1 73.7

127 8.8 5.9 8.9



#48

Methyl methacrylate

Concen: 19.857 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

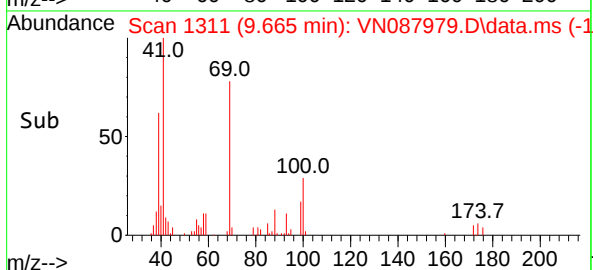
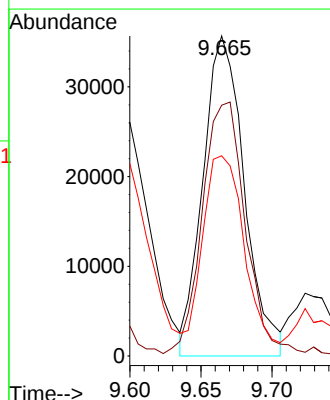
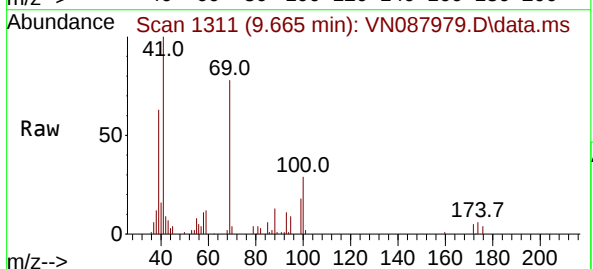
Tgt Ion: 41 Resp: 72078

Ion Ratio Lower Upper

41 100

69 81.6 70.9 106.3

39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 503.988 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

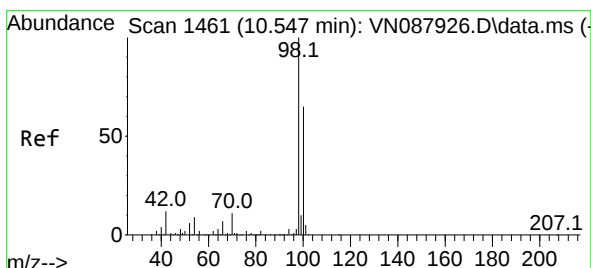
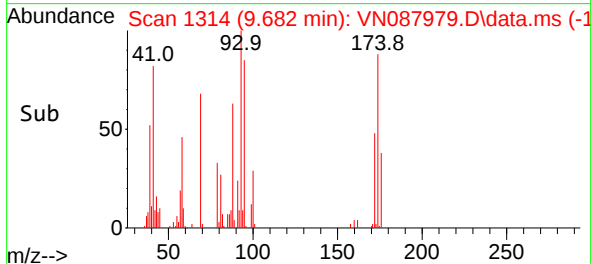
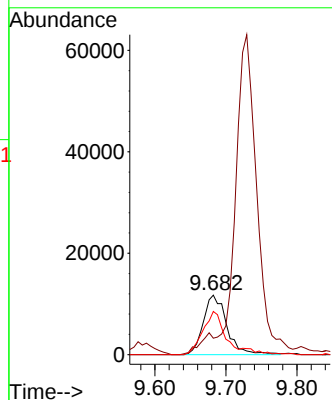
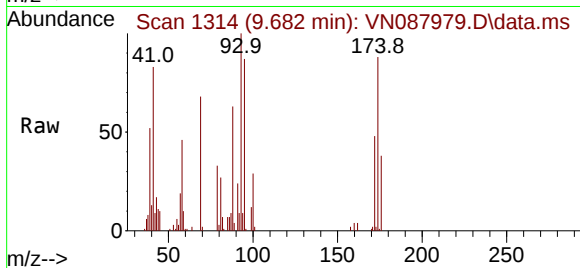
Tgt Ion: 88 Resp: 27026

Ion Ratio Lower Upper

88 100

43 21.9 22.6 33.8#

58 74.2 57.4 86.2



#50

Toluene-d8

Concen: 47.145 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087979.D

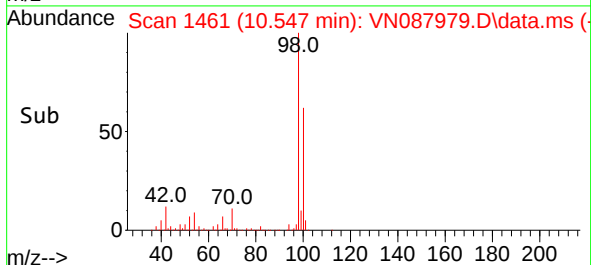
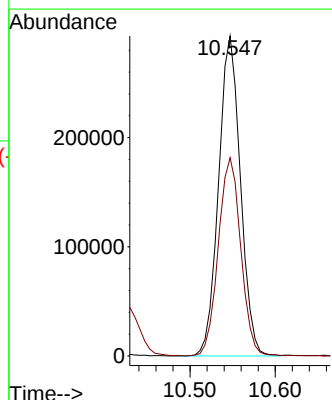
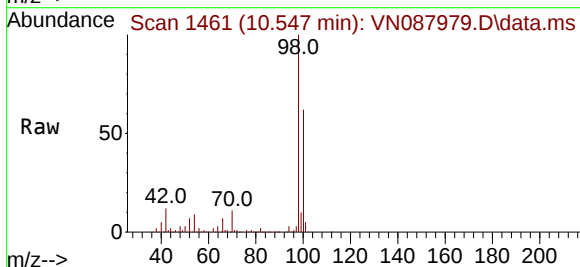
Acq: 29 Sep 2025 13:52

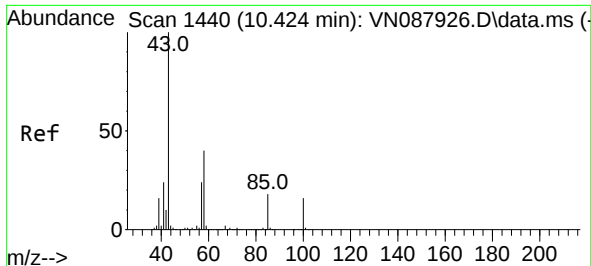
Tgt Ion: 98 Resp: 522853

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

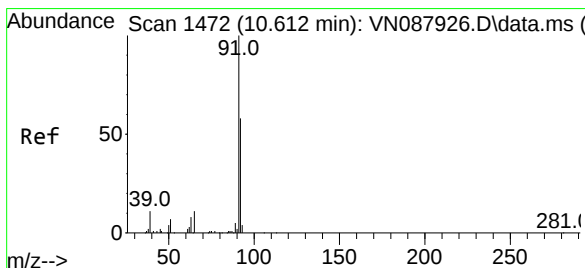
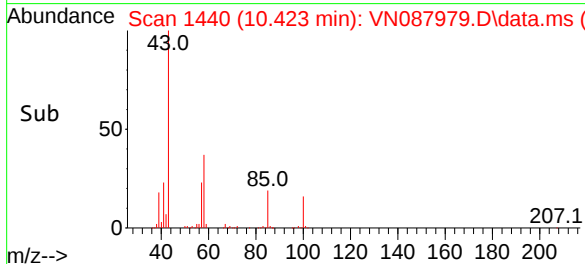
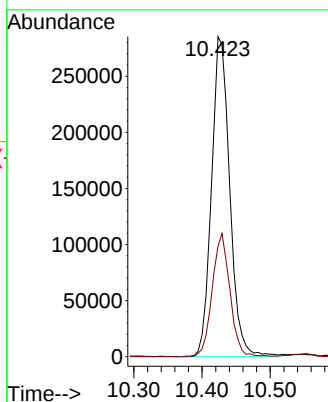
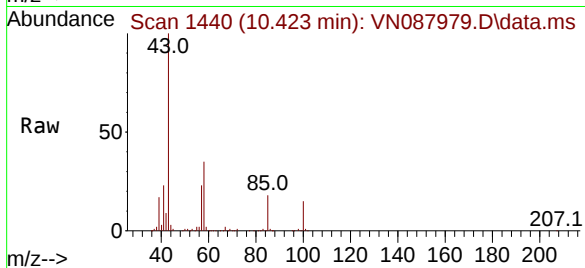




#51
4-Methyl-2-Pentanone
Concen: 108.779 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

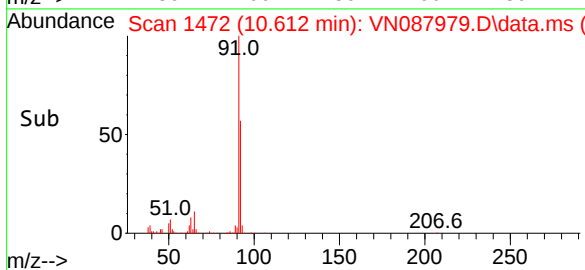
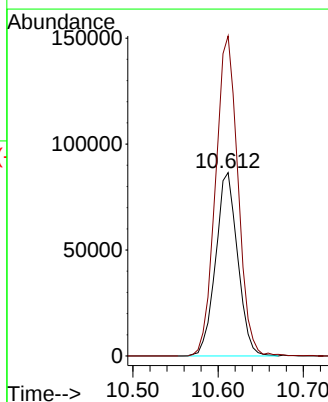
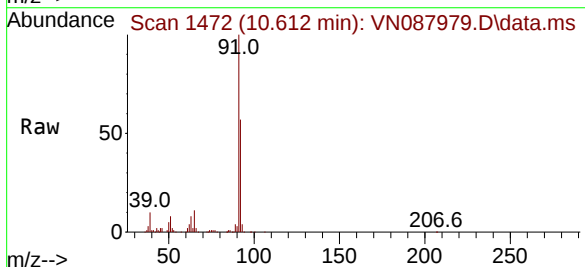
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

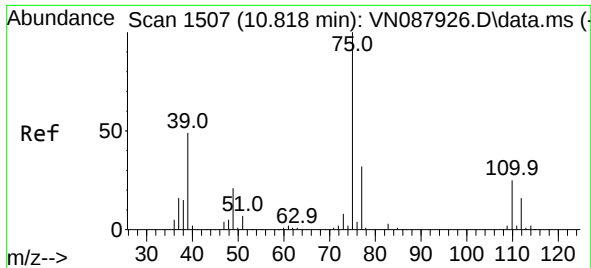
Tgt Ion: 43 Resp: 532051
Ion Ratio Lower Upper
43 100
58 37.2 31.0 46.6



#52
Toluene
Concen: 19.731 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 92 Resp: 155465
Ion Ratio Lower Upper
92 100
91 177.9 138.2 207.2

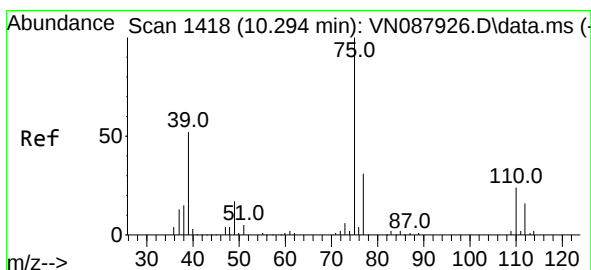
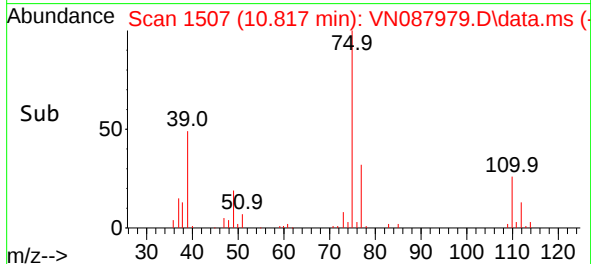
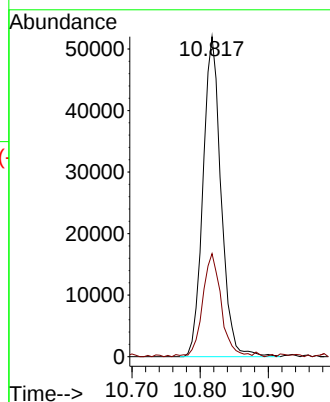
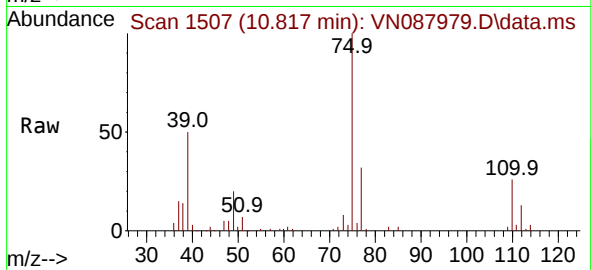




#53
 t-1,3-Dichloropropene
 Concen: 19.247 ug/l
 RT: 10.817 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

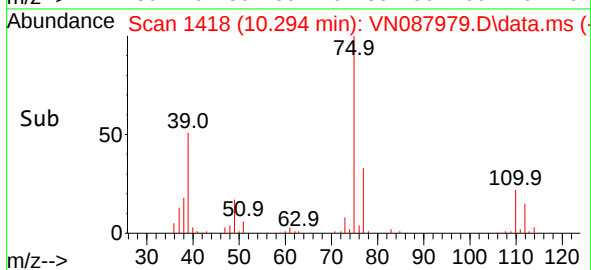
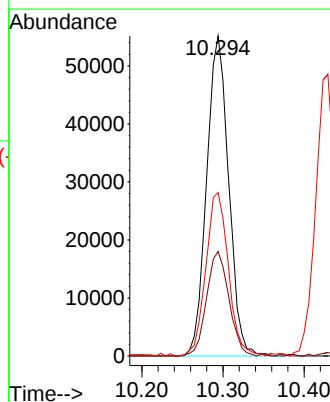
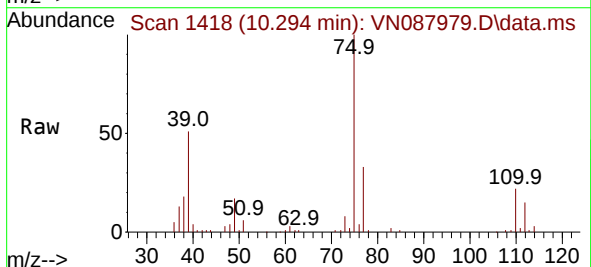
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

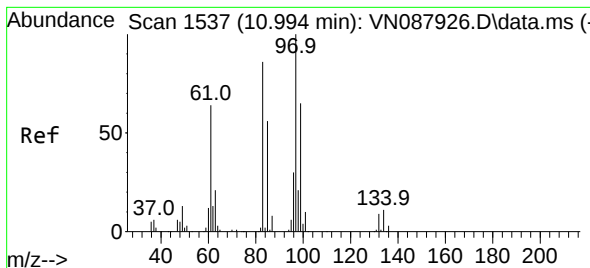
Tgt Ion: 75 Resp: 95985
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.057 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 75 Resp: 103886
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.7 37.1
 39 51.0 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 21.023 ug/l

RT: 10.994 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

Tgt Ion: 97 Resp: 67350

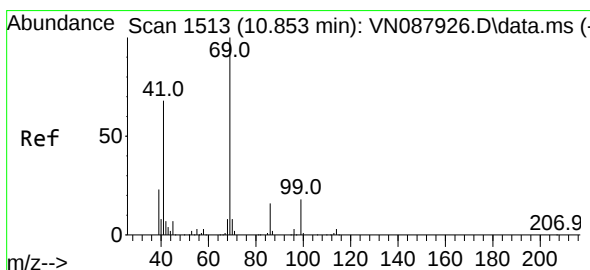
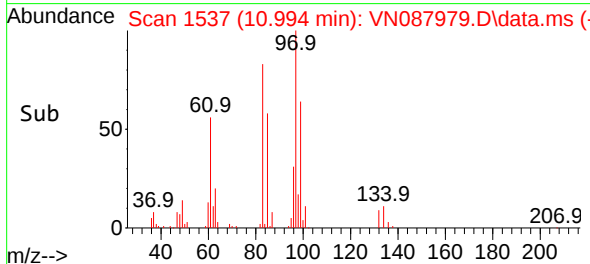
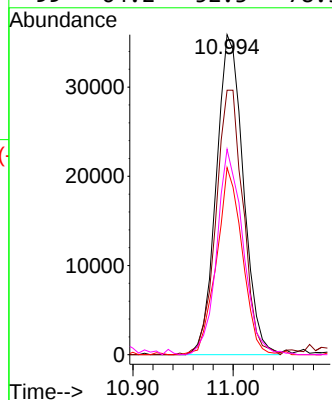
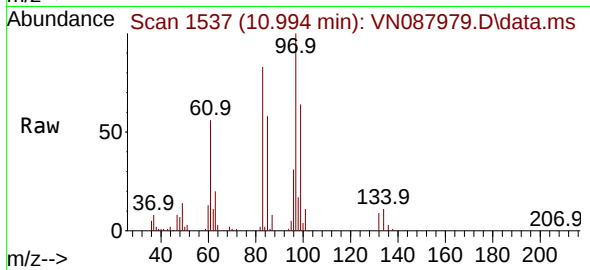
Ion Ratio Lower Upper

97 100

83 82.7 69.0 103.4

85 58.4 44.4 66.6

99 64.2 52.3 78.5



#56

Ethyl methacrylate

Concen: 18.795 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

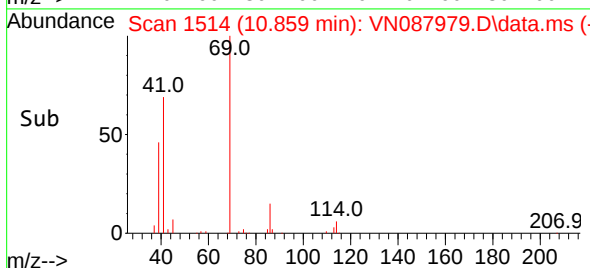
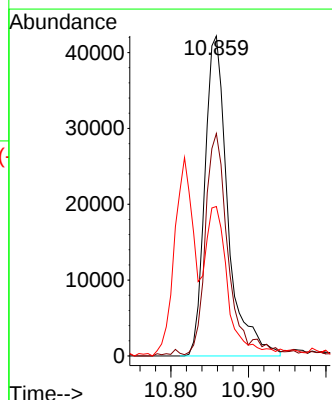
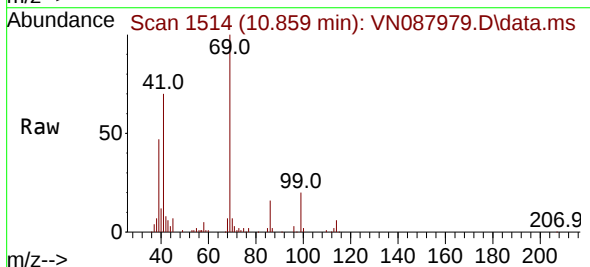
Tgt Ion: 69 Resp: 87006

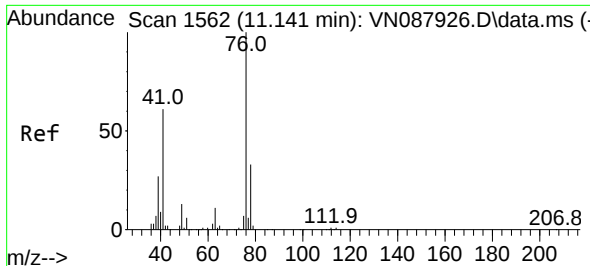
Ion Ratio Lower Upper

69 100

41 68.2 53.8 80.6

39 43.9 34.7 52.1





#57

1,3-Dichloropropane

Concen: 20.070 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

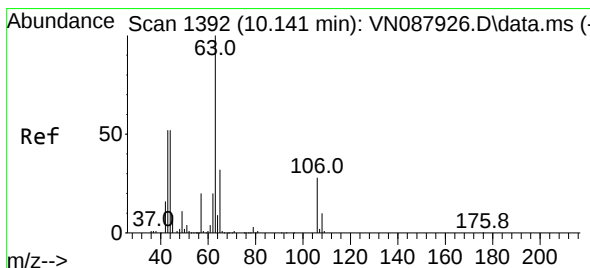
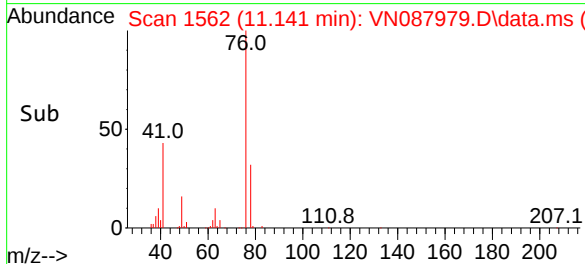
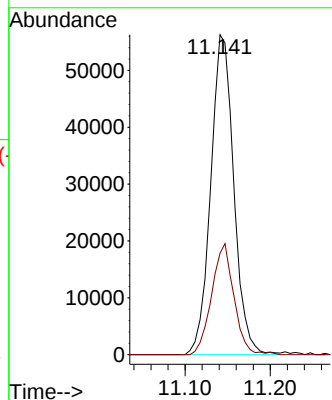
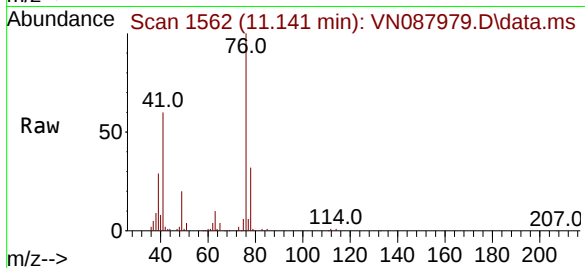
VN0929WBS01

Tgt Ion: 76 Resp: 105754

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 115.049 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087979.D

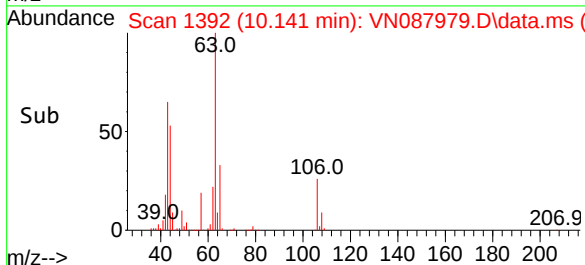
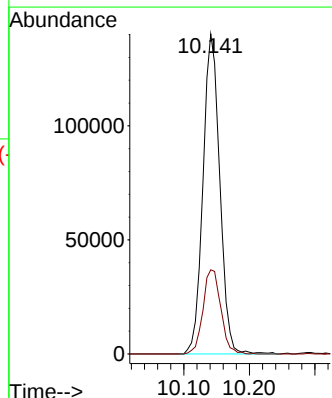
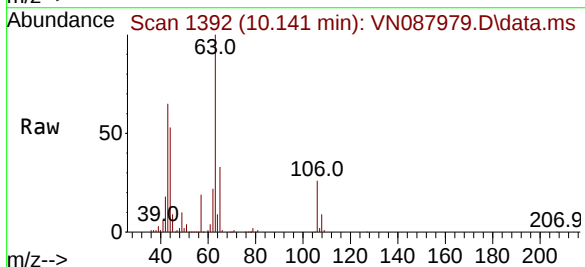
Acq: 29 Sep 2025 13:52

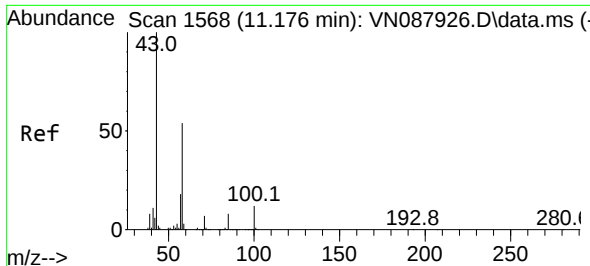
Tgt Ion: 63 Resp: 250411

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8

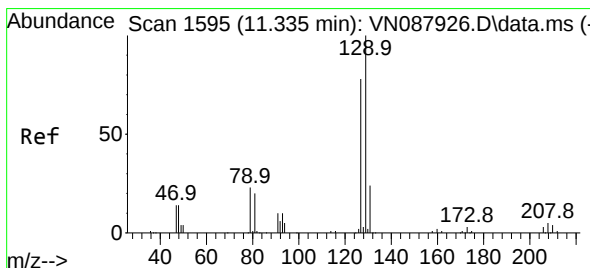
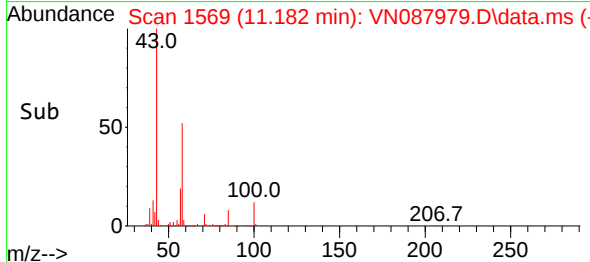
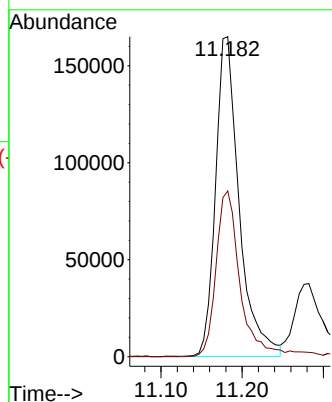
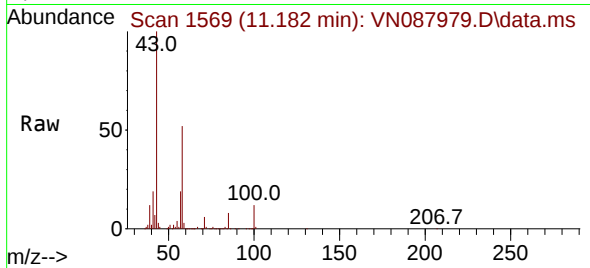




#59
2-Hexanone
Concen: 102.892 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

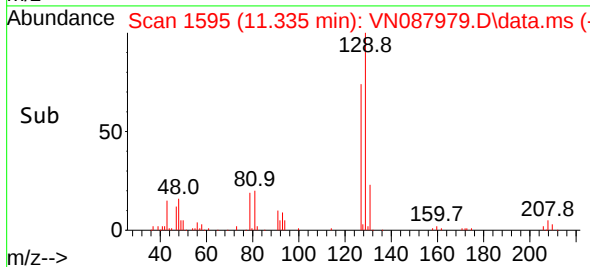
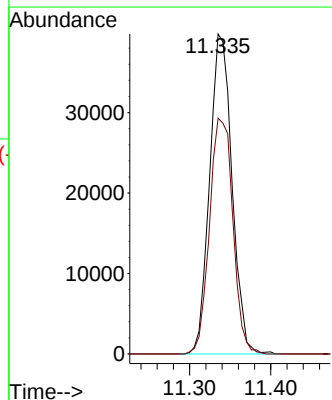
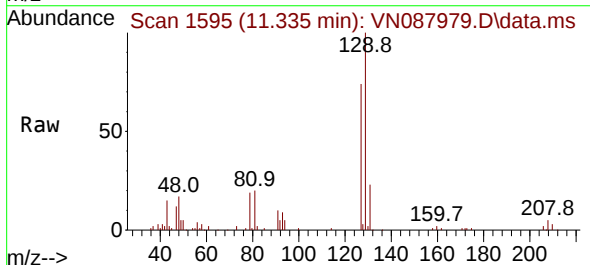
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

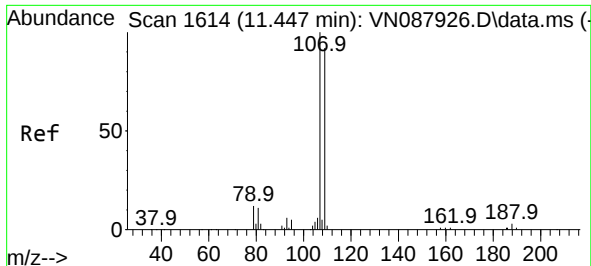
Tgt Ion: 43 Resp: 332762
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.2



#60
Dibromochloromethane
Concen: 20.204 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 129 Resp: 76105
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.9

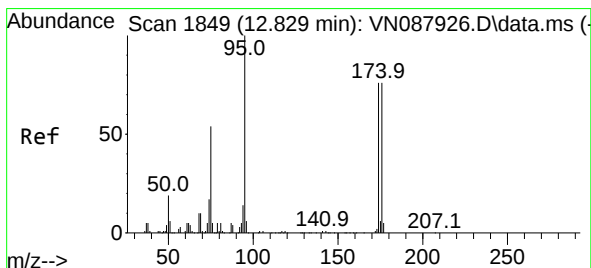
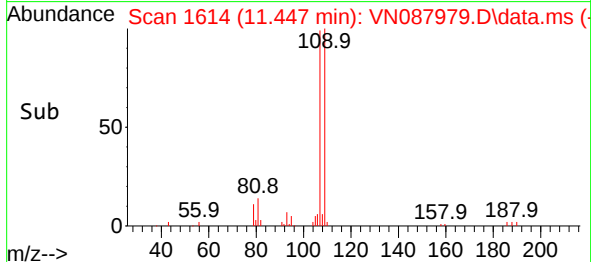
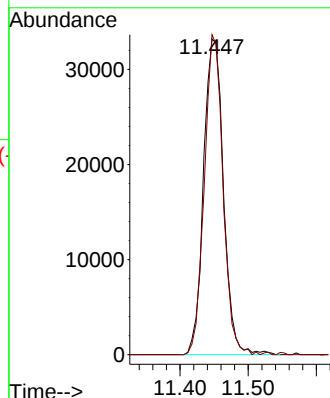
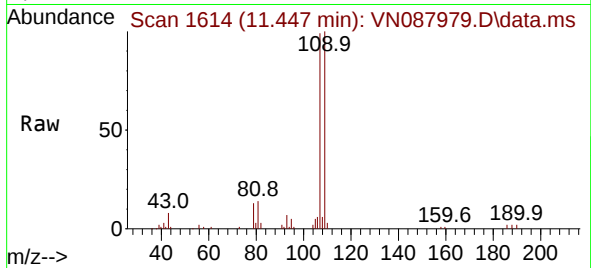




#61
1,2-Dibromoethane
Concen: 19.875 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

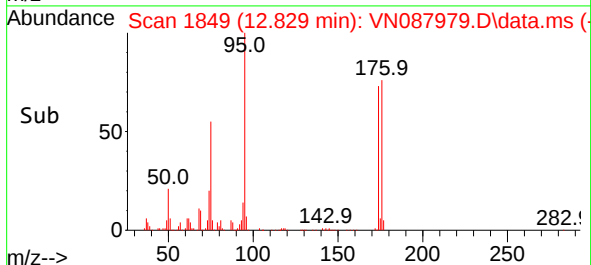
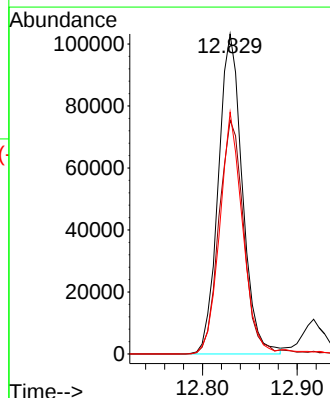
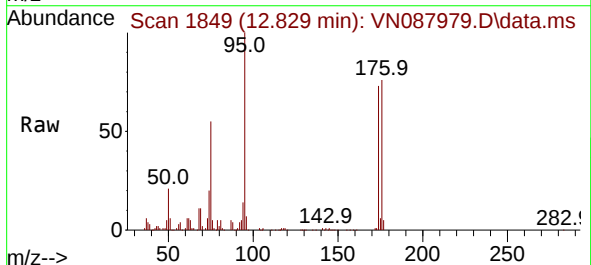
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

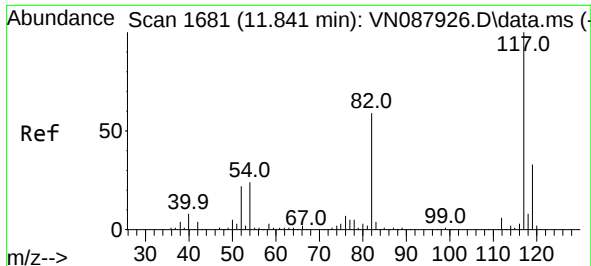
Tgt Ion:107 Resp: 67408
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.902 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 95 Resp: 181963
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.2
176 73.3 0.0 152.6

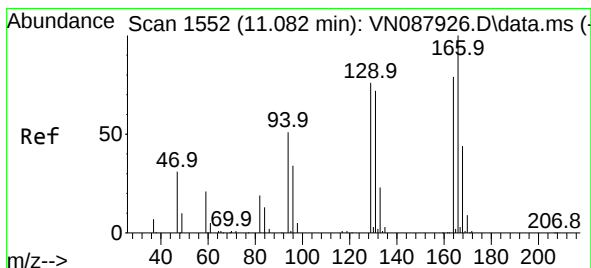
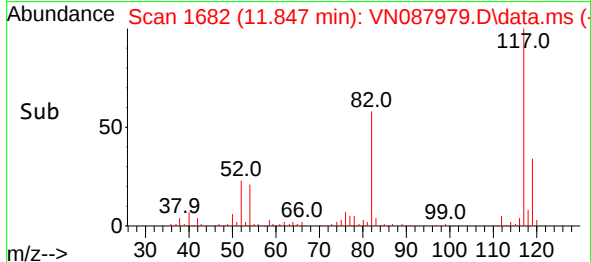
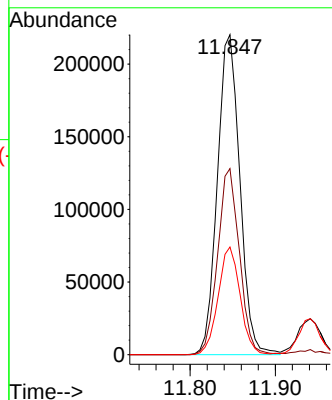
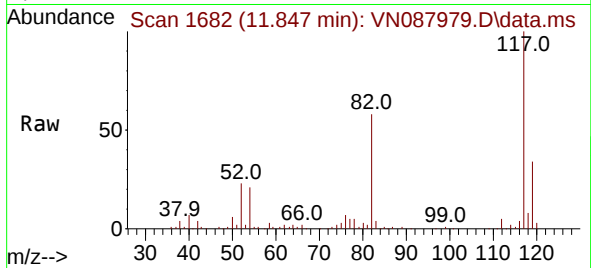




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

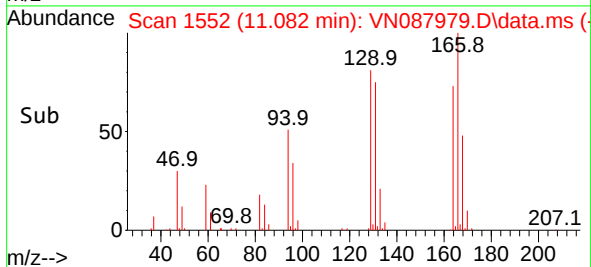
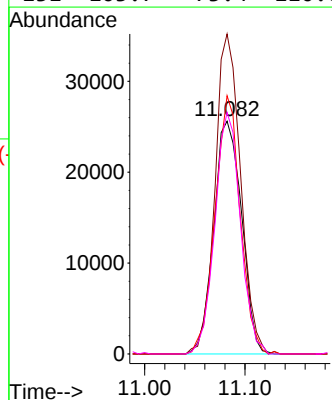
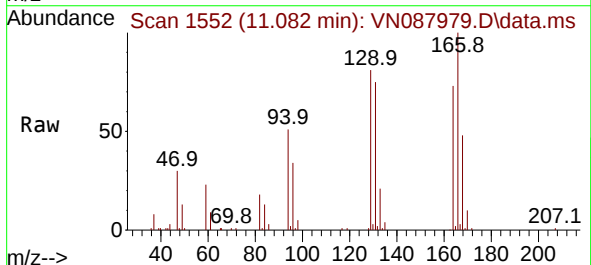
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

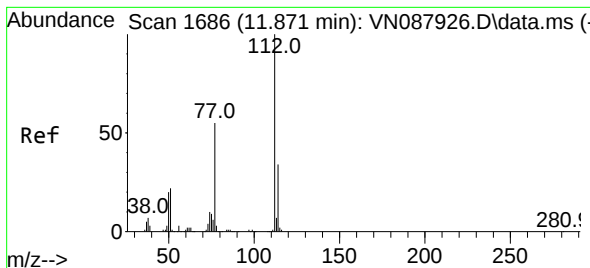
Tgt Ion:117 Resp: 404738
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 33.7 26.1 39.1



#64
Tetrachloroethene
Concen: 19.994 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:164 Resp: 49294
Ion Ratio Lower Upper
164 100
166 137.4 101.6 152.4
129 110.9 77.5 116.3
131 103.7 73.4 110.0

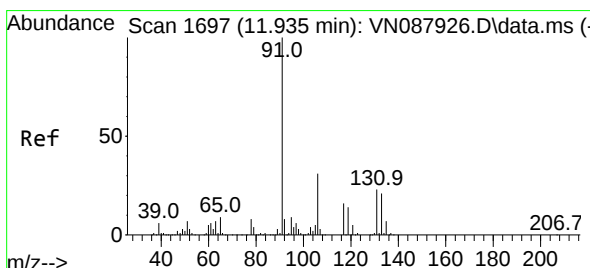
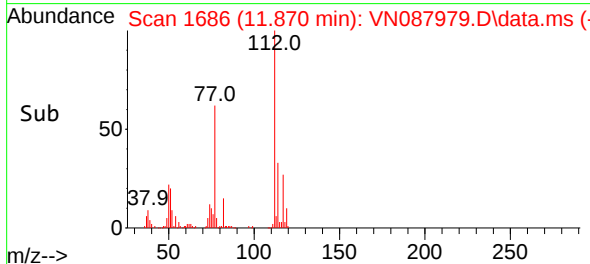
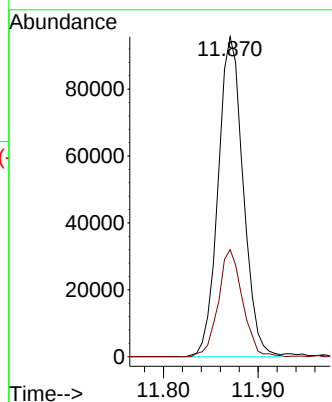
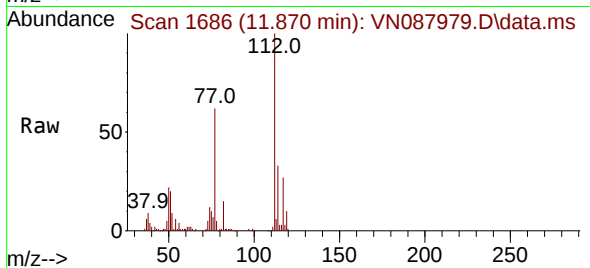




#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

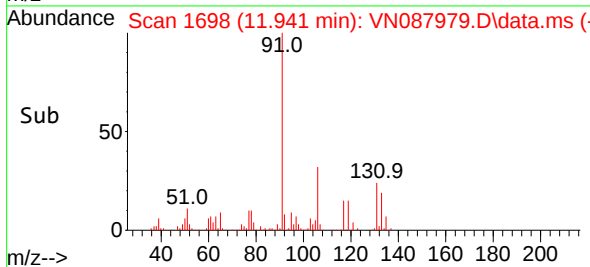
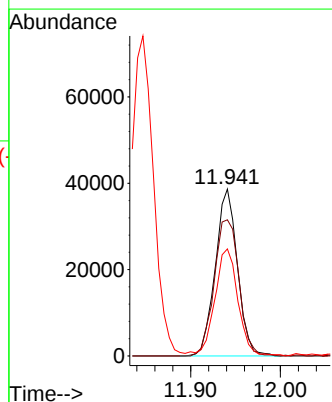
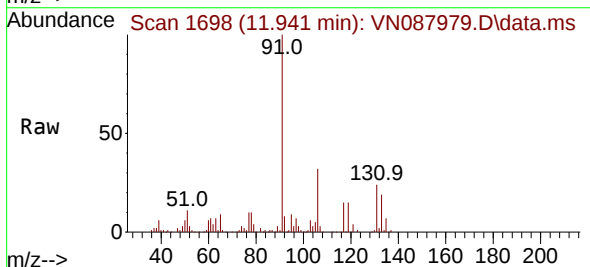
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

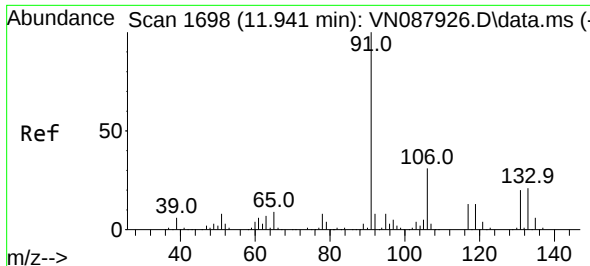
Tgt Ion:112 Resp: 176022
Ion Ratio Lower Upper
112 100
114 33.4 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.313 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:131 Resp: 66199
Ion Ratio Lower Upper
131 100
133 91.4 48.4 145.0
119 67.4 31.9 95.5

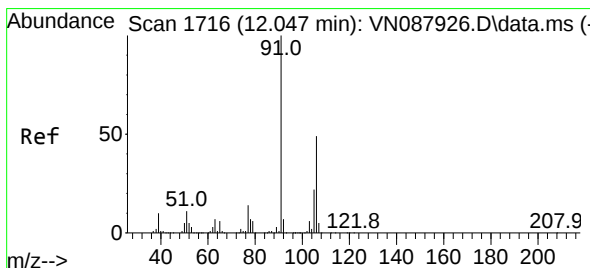
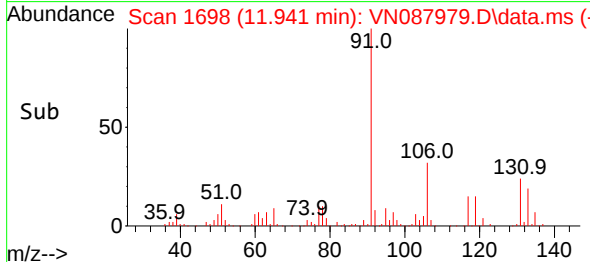
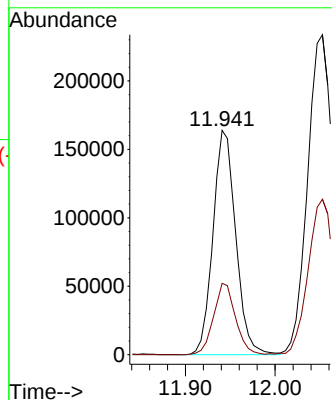
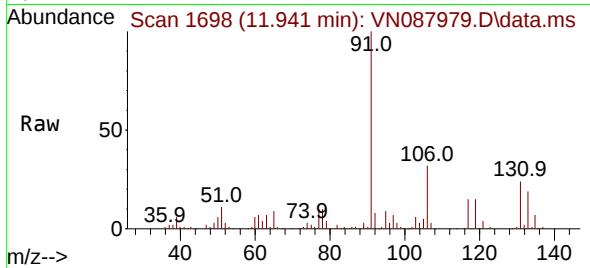




#67
Ethyl Benzene
Concen: 20.092 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

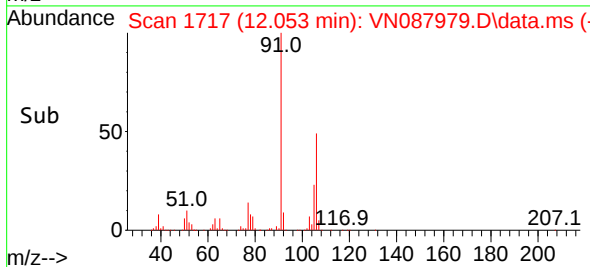
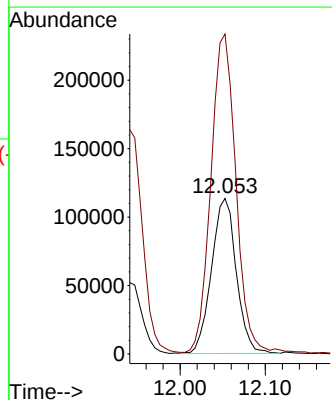
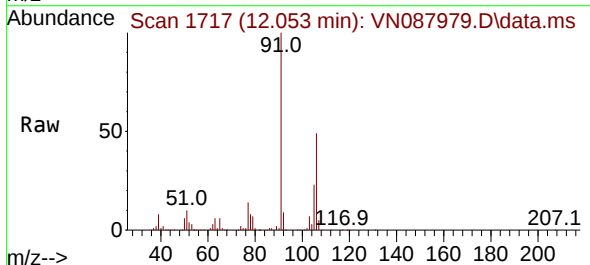
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

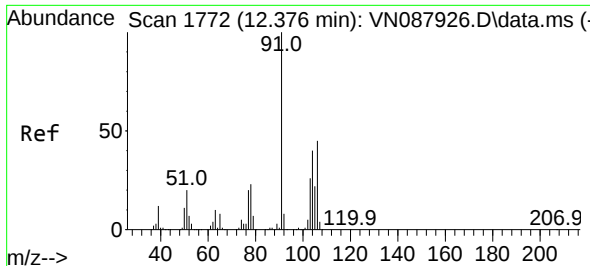
Tgt Ion: 91 Resp: 288769
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 41.689 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:106 Resp: 229146
Ion Ratio Lower Upper
106 100
91 208.7 162.9 244.3

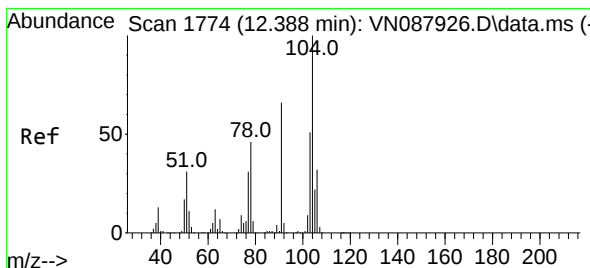
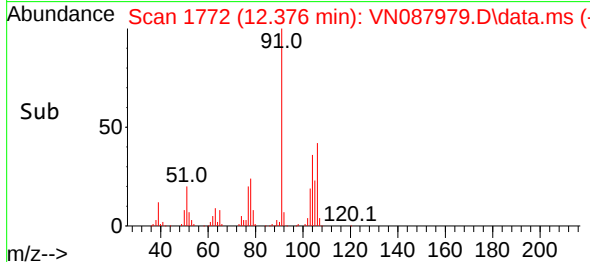
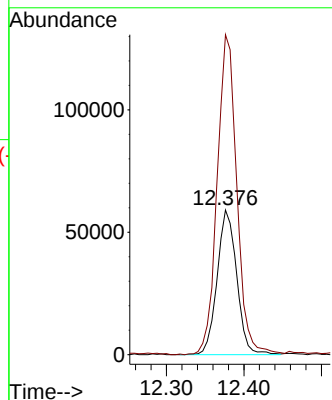
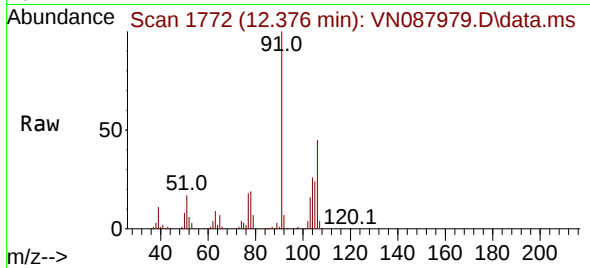




#69
o-Xylene
Concen: 19.662 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

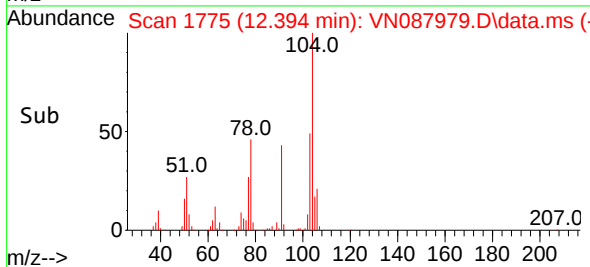
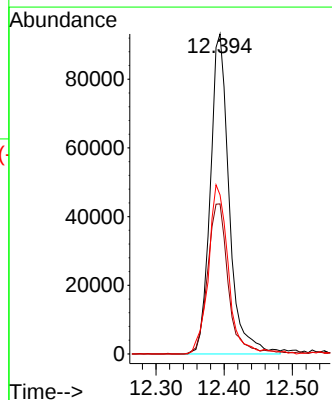
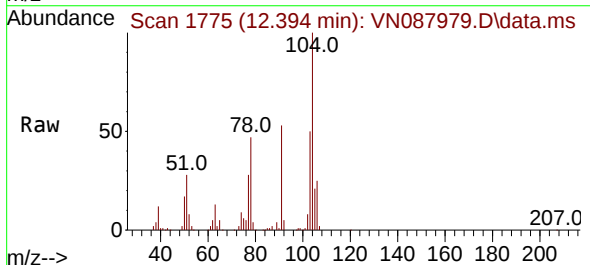
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

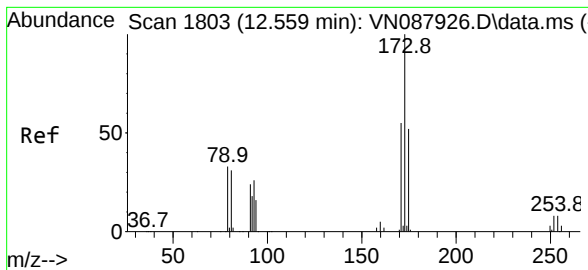
Tgt Ion:106 Resp: 103835
Ion Ratio Lower Upper
106 100
91 222.3 108.2 324.6



#70
Styrene
Concen: 19.817 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:104 Resp: 179729
Ion Ratio Lower Upper
104 100
78 51.6 39.7 59.5
103 54.8 44.6 67.0

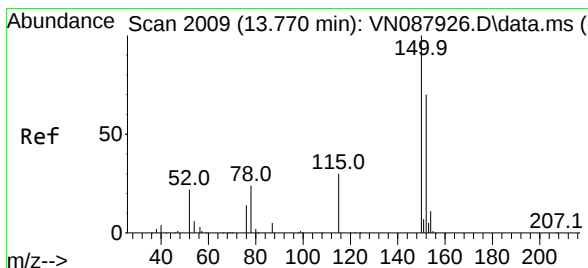
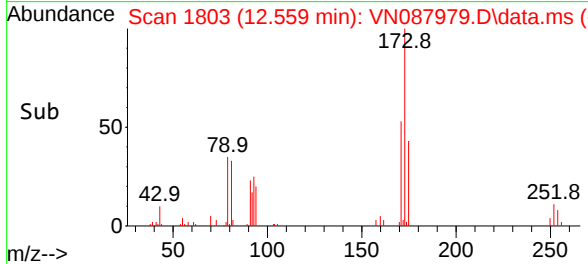
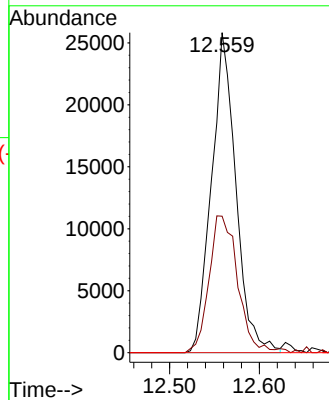
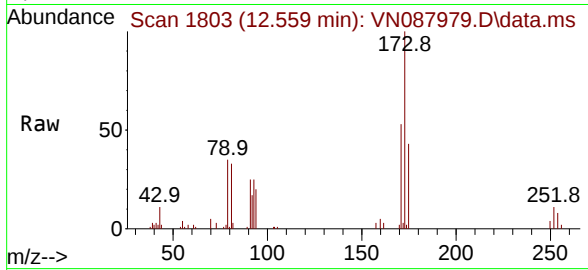




#71
Bromoform
Concen: 19.359 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

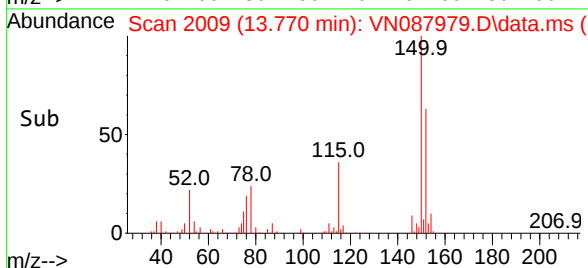
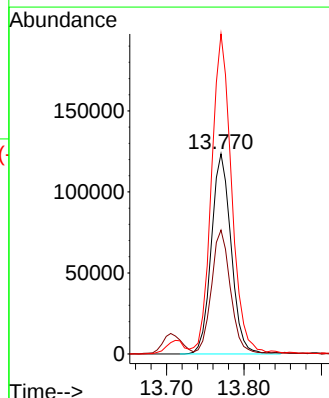
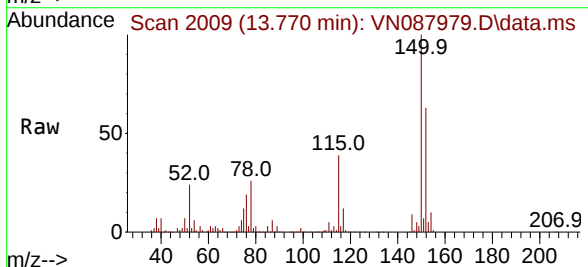
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

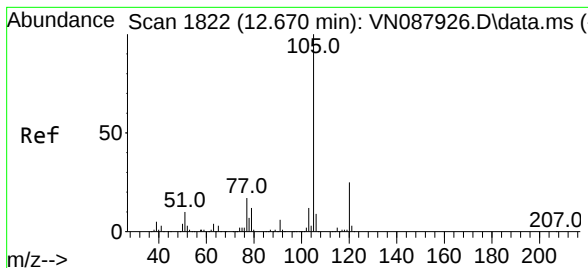
Tgt Ion:173 Resp: 48783
Ion Ratio Lower Upper
173 100
175 50.3 23.7 71.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:152 Resp: 219132
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 161.7 0.0 335.0





#73

Isopropylbenzene

Concen: 19.704 ug/l

RT: 12.676 min Scan# 1801

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

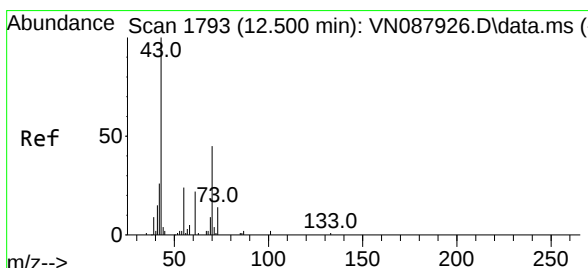
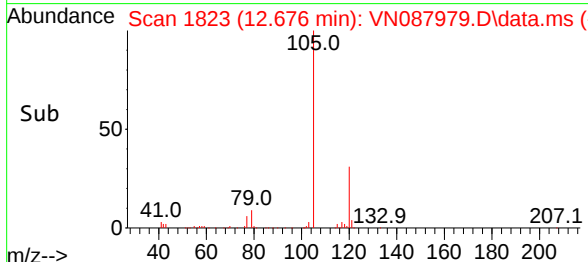
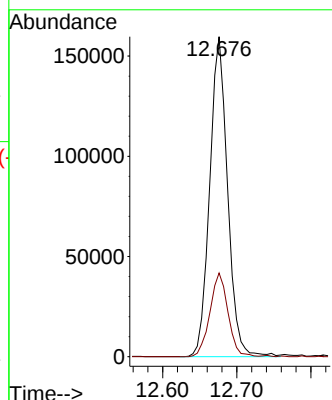
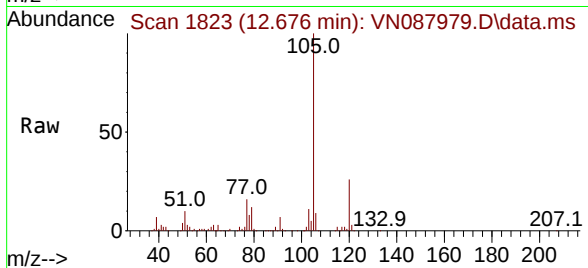
VN0929WBS01

Tgt Ion:105 Resp: 267599

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 2.007 ug/l

RT: 12.547 min Scan# 1801

Delta R.T. 0.047 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Tgt Ion: 43 Resp: 8983

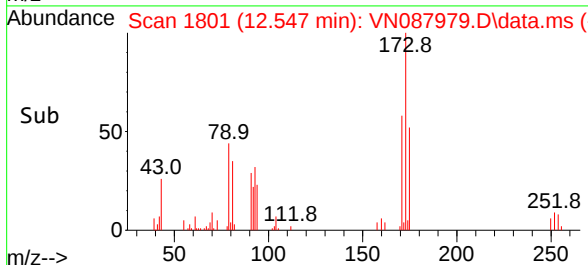
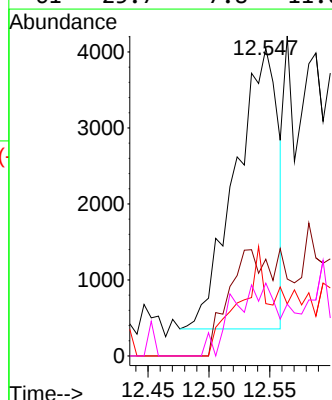
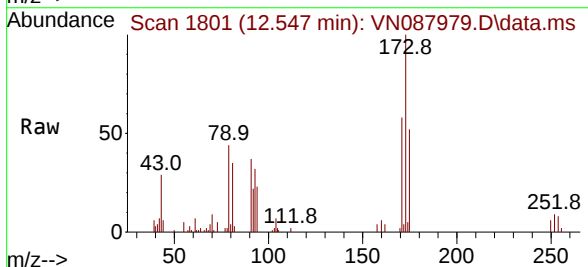
Ion Ratio Lower Upper

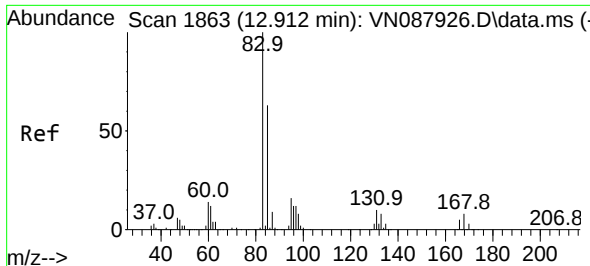
43 100

70 36.3 19.8 29.8#

55 25.4 9.6 14.4#

61 25.7 7.8 11.6#

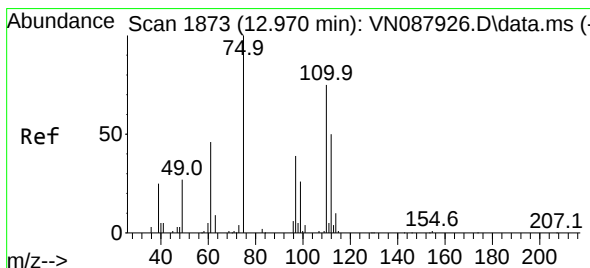
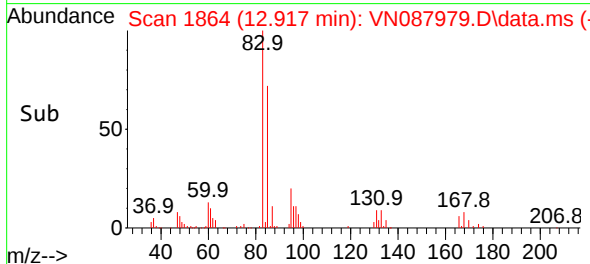
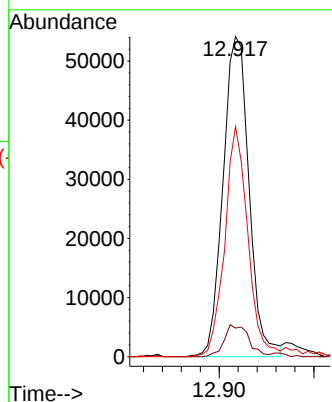
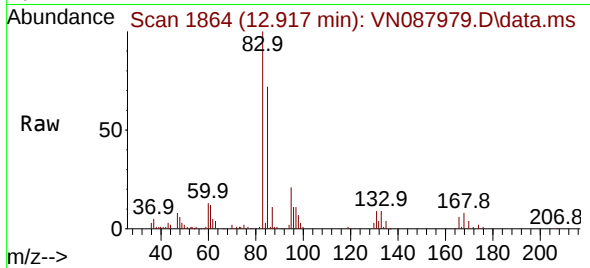




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.093 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

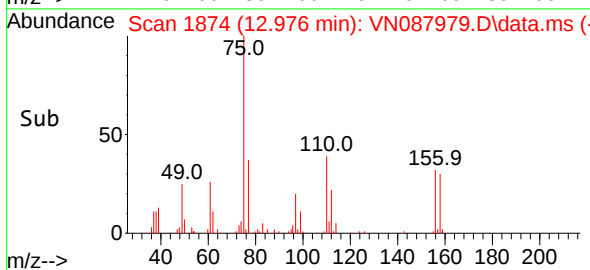
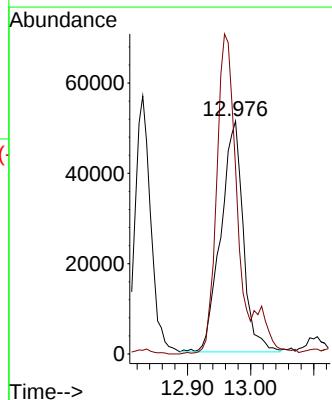
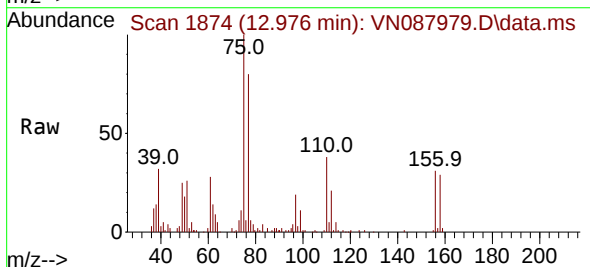
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

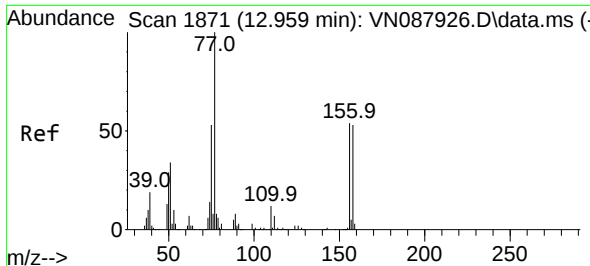
Tgt Ion: 83 Resp: 103215
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.2 15.6
 85 63.8 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 29.267 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 75 Resp: 126421
 Ion Ratio Lower Upper
 75 100
 77 119.8 89.5 268.5

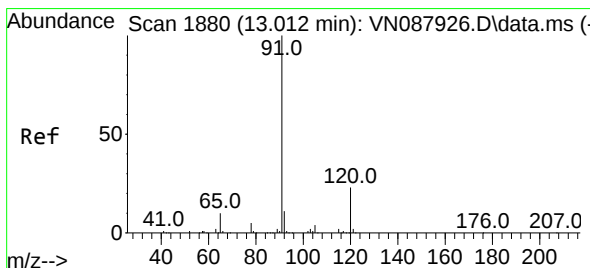
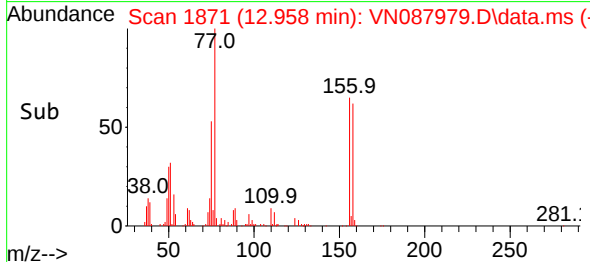
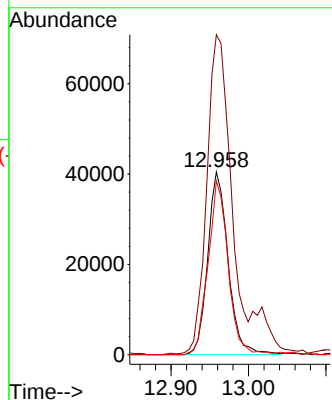
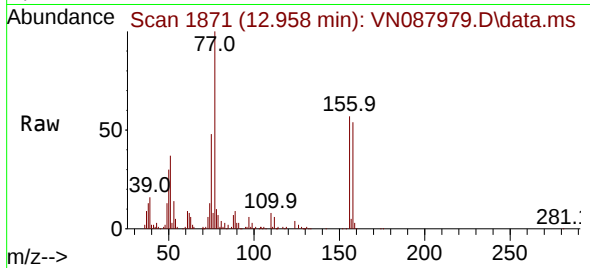




#77
Bromobenzene
Concen: 20.486 ug/l
RT: 12.958 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

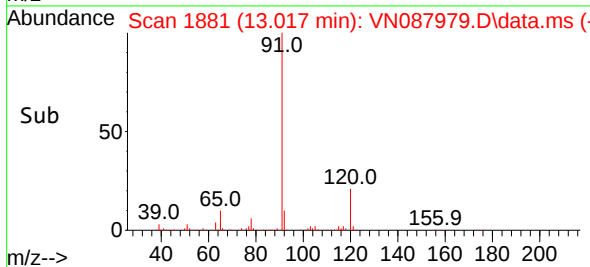
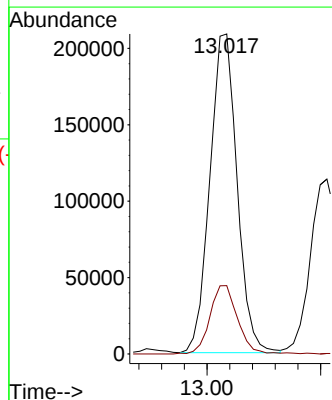
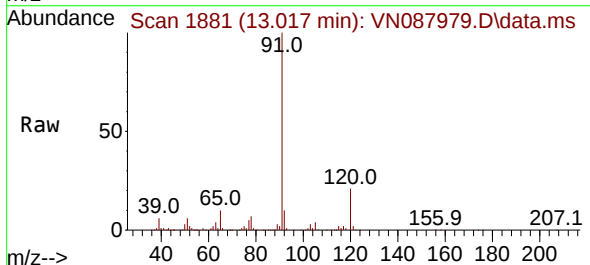
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

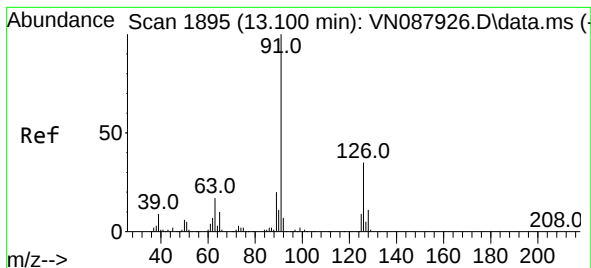
Tgt Ion:156 Resp: 74027
Ion Ratio Lower Upper
156 100
77 204.6 108.2 324.6
158 93.4 49.6 149.0



#78
n-propylbenzene
Concen: 20.470 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 91 Resp: 347591
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1





#79

2-Chlorotoluene

Concen: 20.031 ug/l

RT: 13.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

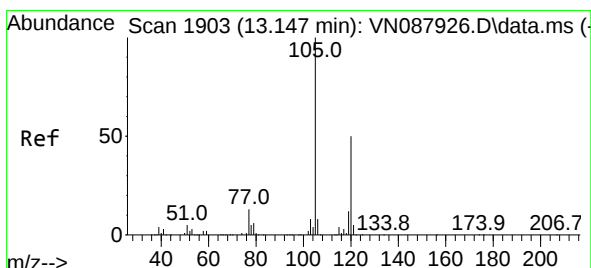
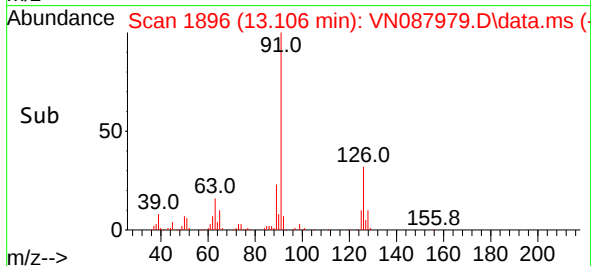
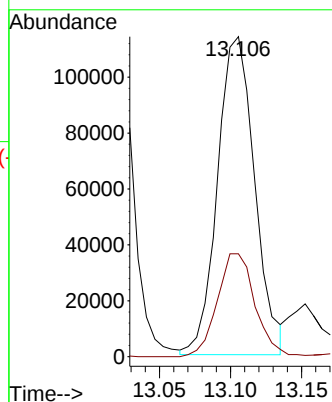
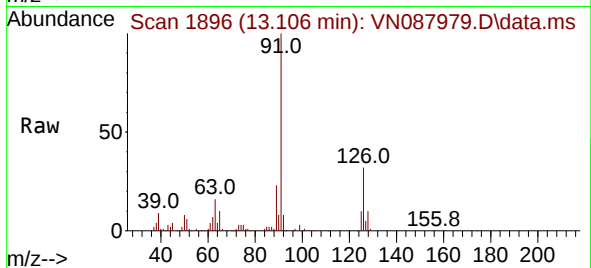
VN0929WBS01

Tgt Ion: 91 Resp: 207100

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 20.461 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VN087979.D

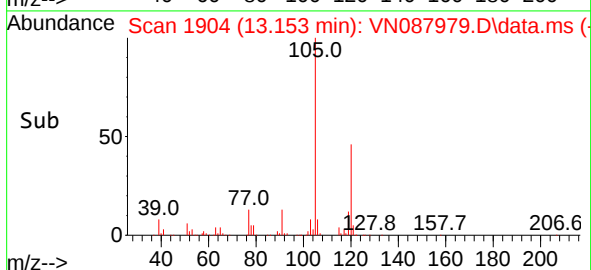
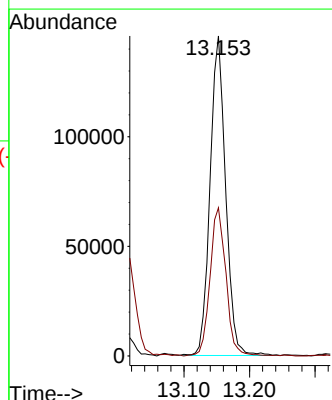
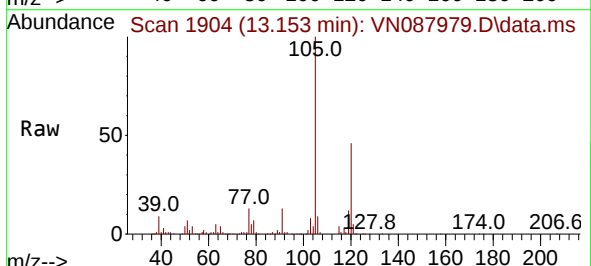
Acq: 29 Sep 2025 13:52

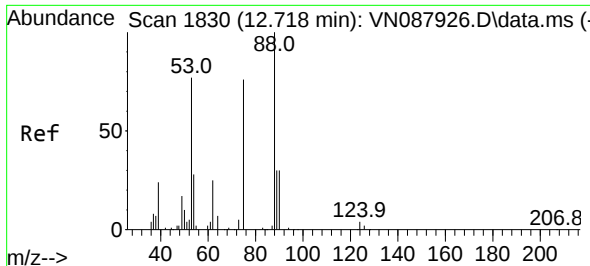
Tgt Ion:105 Resp: 240367

Ion Ratio Lower Upper

105 100

120 47.4 24.7 74.1

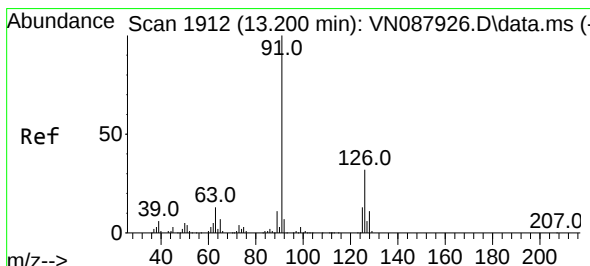
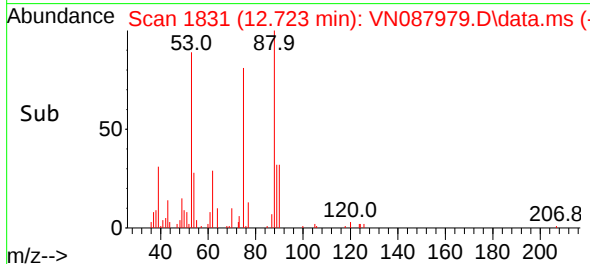
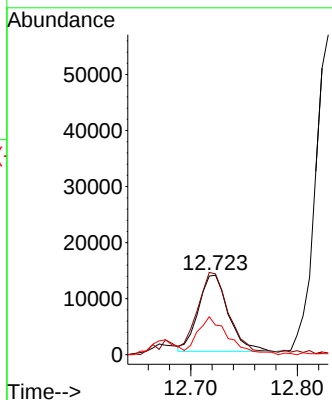
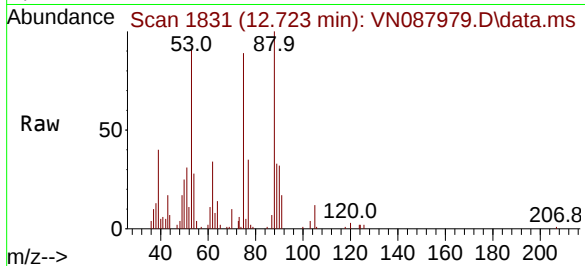




#81
trans-1,4-Dichloro-2-butene
Concen: 17.030 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

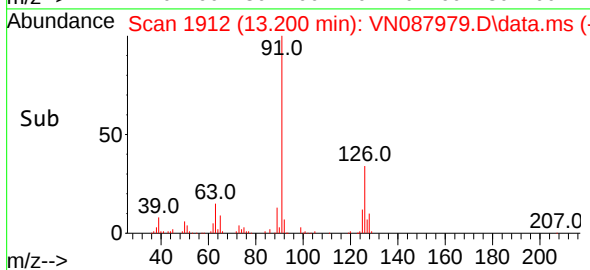
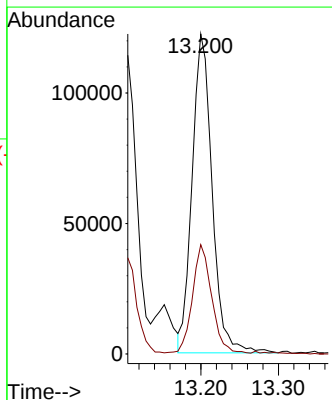
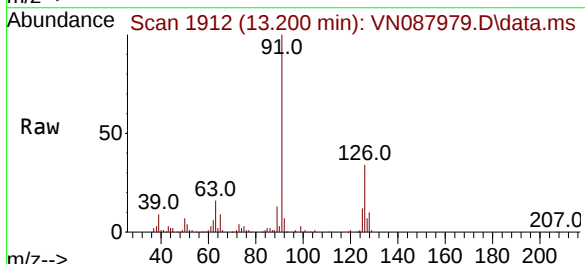
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

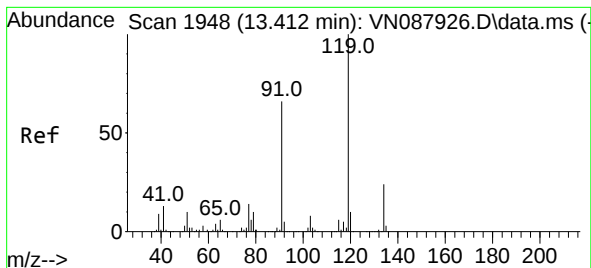
Tgt Ion: 75 Resp: 26491
Ion Ratio Lower Upper
75 100
53 109.7 82.0 123.0
89 51.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 21.032 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 91 Resp: 219106
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6





#83

tert-Butylbenzene

Concen: 19.568 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

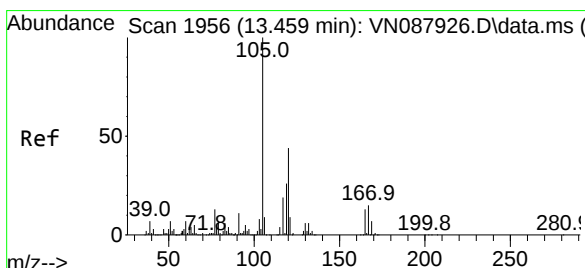
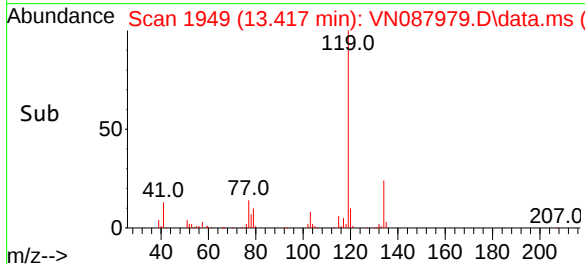
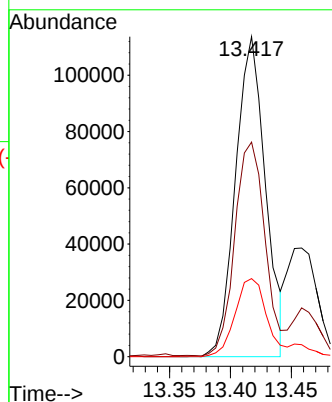
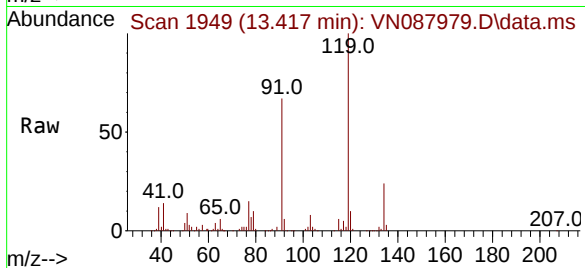
Tgt Ion:119 Resp: 194573

Ion Ratio Lower Upper

119 100

91 68.4 32.1 96.3

134 25.8 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 20.426 ug/l

RT: 13.458 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087979.D

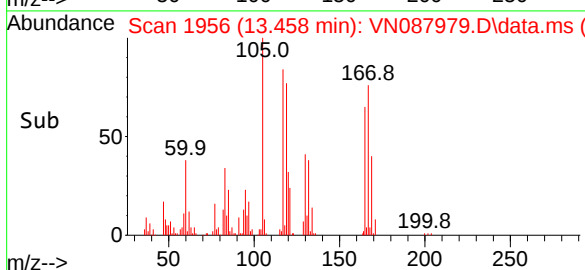
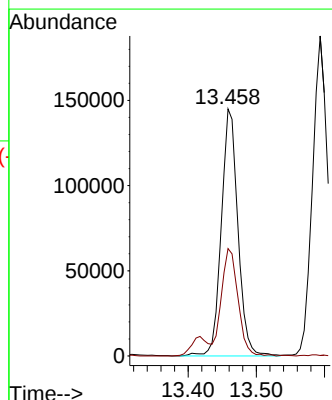
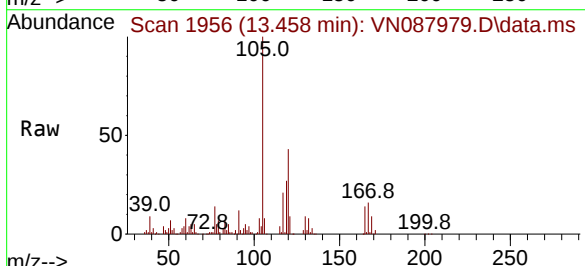
Acq: 29 Sep 2025 13:52

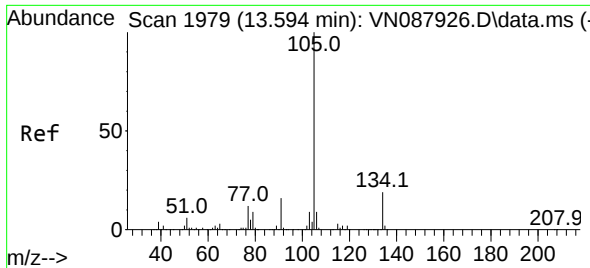
Tgt Ion:105 Resp: 246119

Ion Ratio Lower Upper

105 100

120 43.2 22.4 67.3

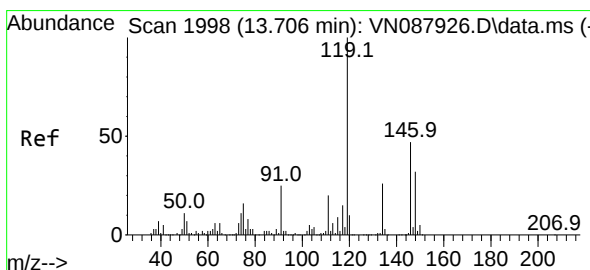
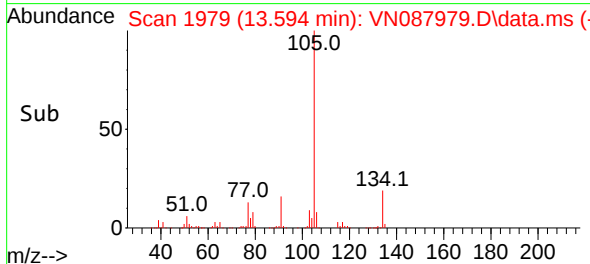
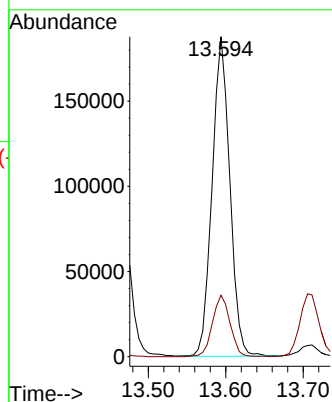
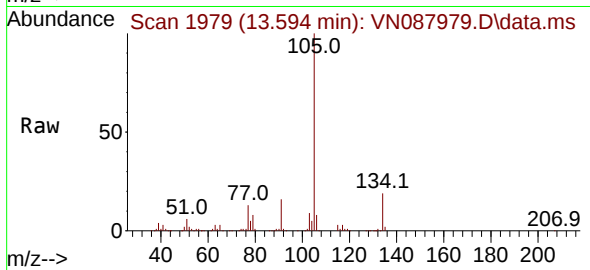




#85
 sec-Butylbenzene
 Concen: 20.424 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

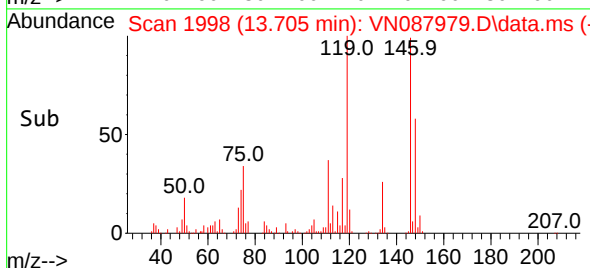
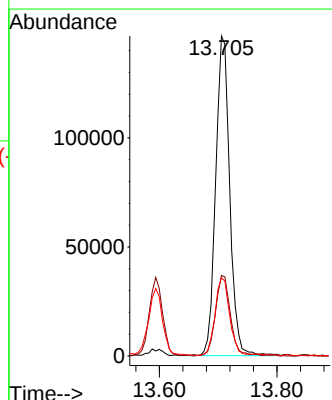
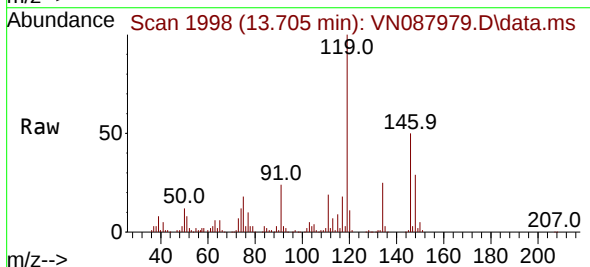
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

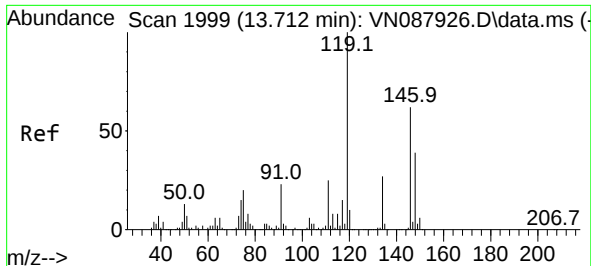
Tgt Ion:105 Resp: 297750
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.700 ug/l
 RT: 13.705 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion:119 Resp: 243233
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 26.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.654 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

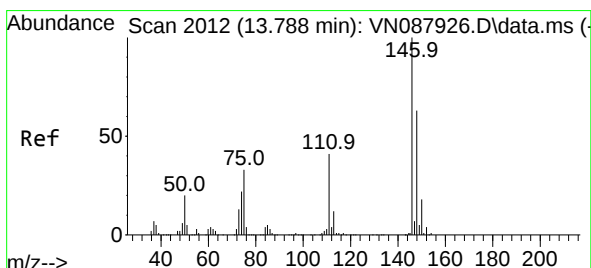
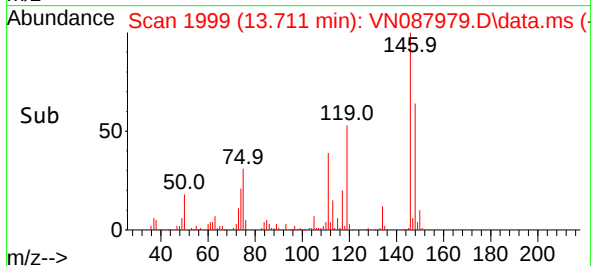
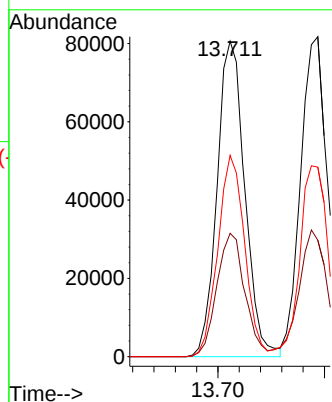
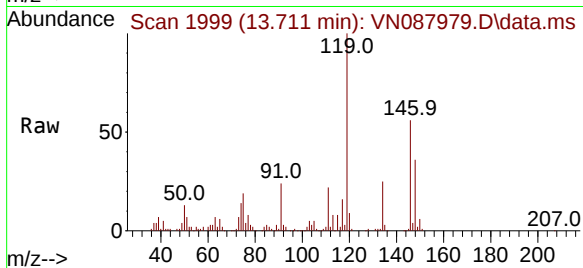
Tgt Ion:146 Resp: 145641

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.8

148 61.7 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 19.941 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

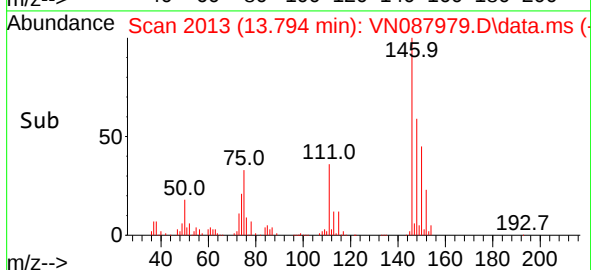
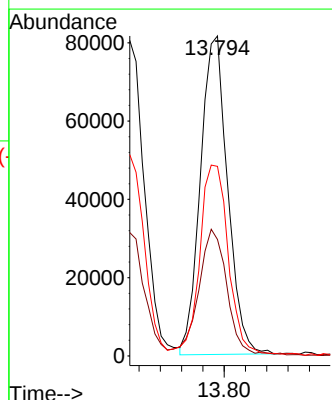
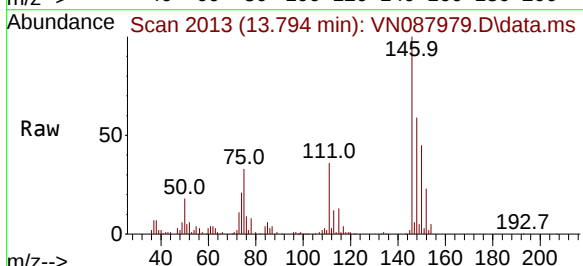
Tgt Ion:146 Resp: 144506

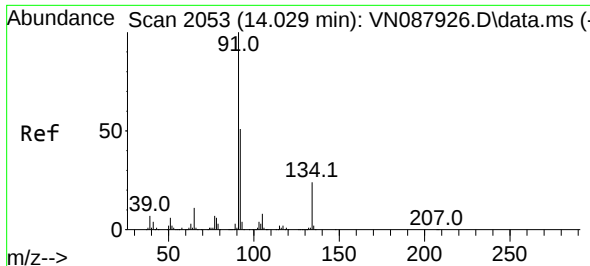
Ion Ratio Lower Upper

146 100

111 42.7 20.5 61.5

148 62.0 32.8 98.4

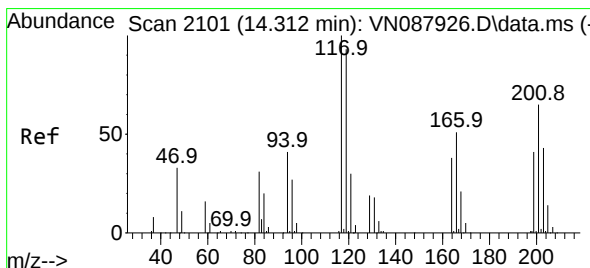
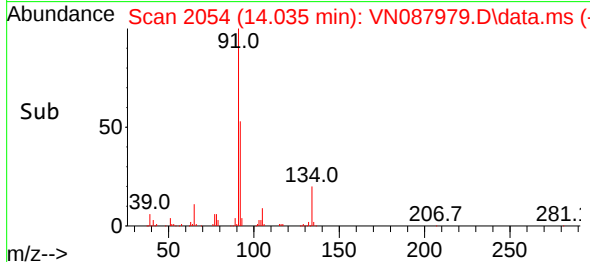
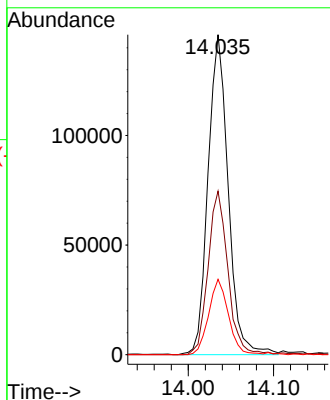
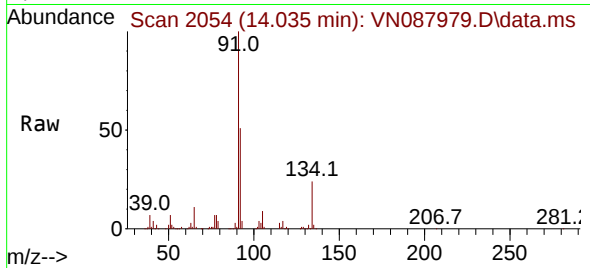




#89
n-Butylbenzene
Concen: 20.542 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

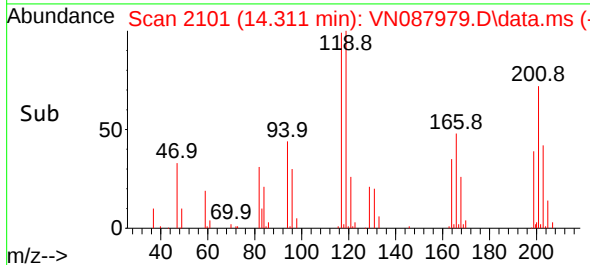
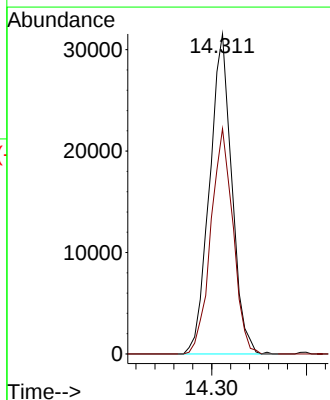
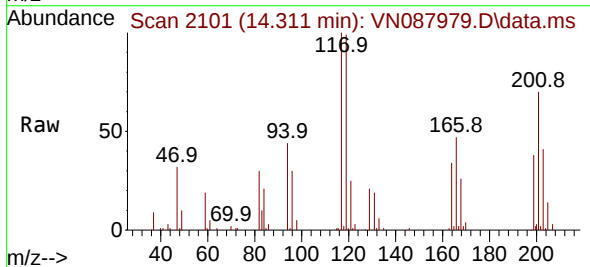
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

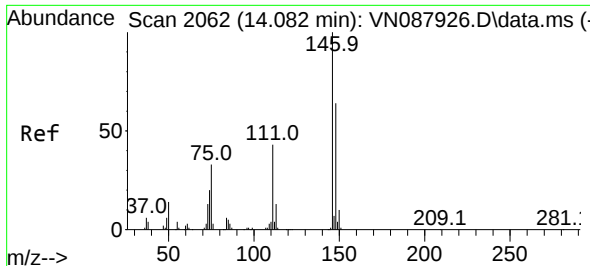
Tgt Ion: 91 Resp: 239699
Ion Ratio Lower Upper
91 100
92 50.3 25.9 77.8
134 23.1 12.6 37.8



#90
Hexachloroethane
Concen: 19.927 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 117 Resp: 51393
Ion Ratio Lower Upper
117 100
201 70.2 33.6 100.6

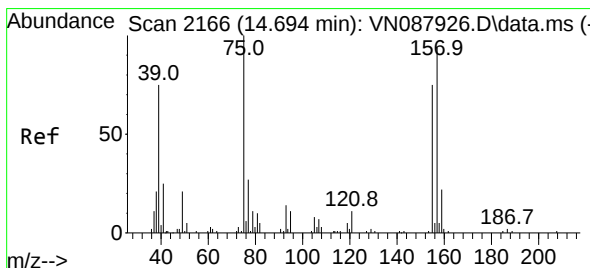
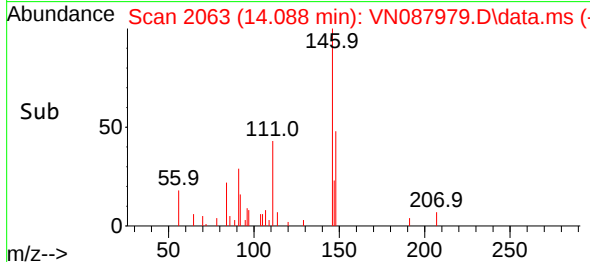
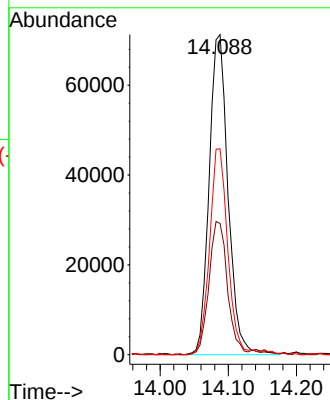
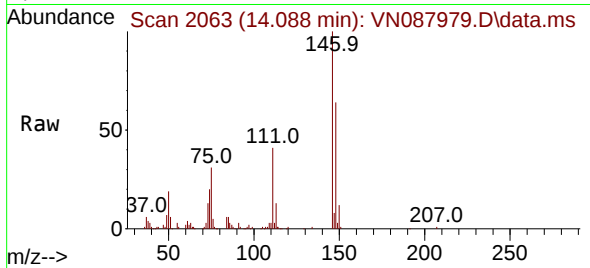




#91
 1,2-Dichlorobenzene
 Concen: 20.300 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

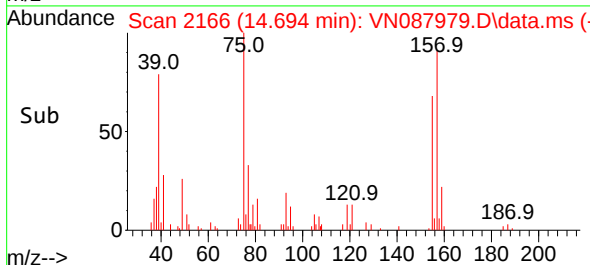
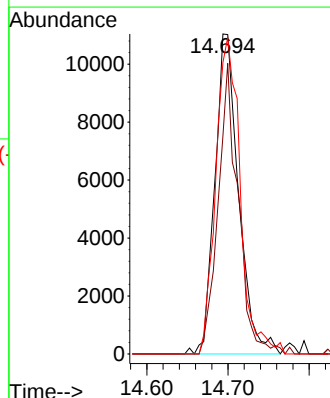
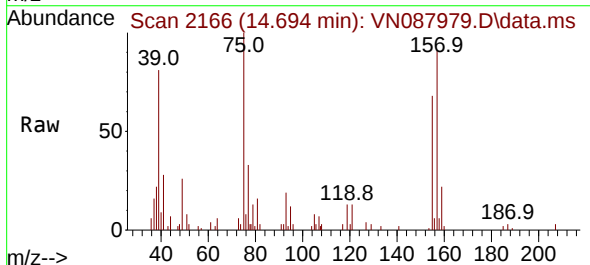
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

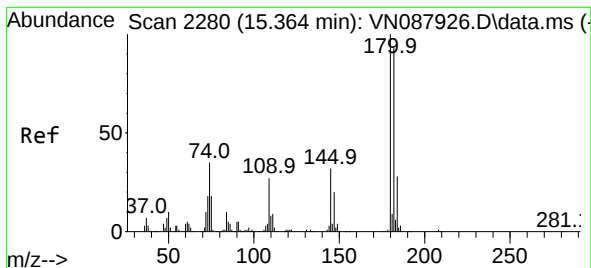
Tgt Ion:146 Resp: 137980
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.9 62.7
 148 61.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.732 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

Tgt Ion: 75 Resp: 22435
 Ion Ratio Lower Upper
 75 100
 155 77.5 40.2 120.6
 157 101.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 19.439 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

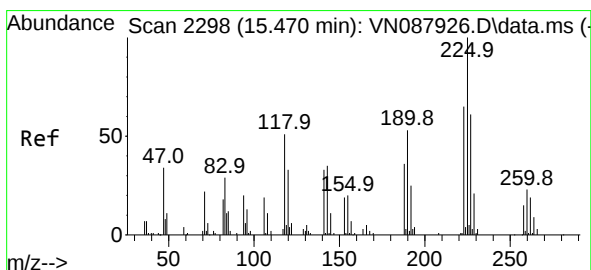
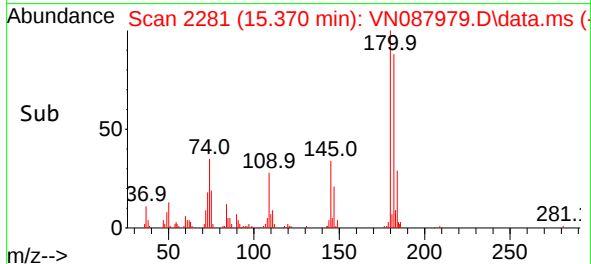
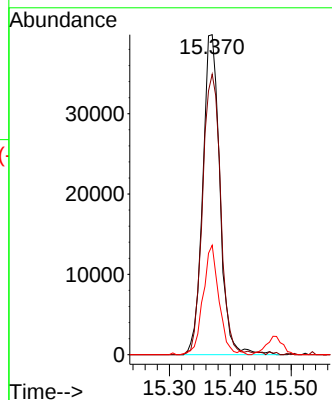
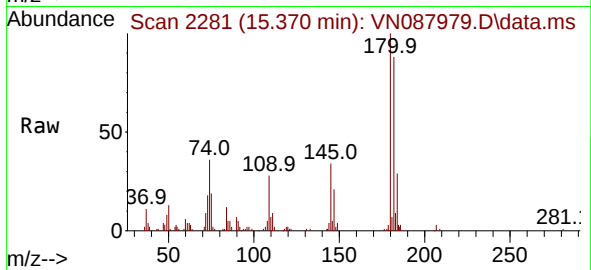
Tgt Ion:180 Resp: 78014

Ion Ratio Lower Upper

180 100

182 91.9 48.5 145.5

145 31.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 20.833 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

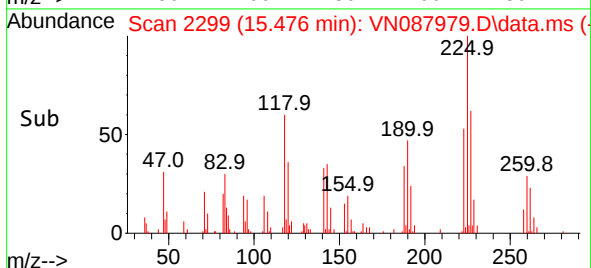
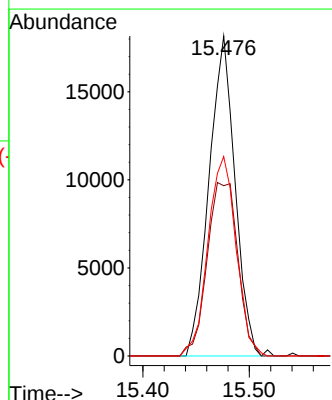
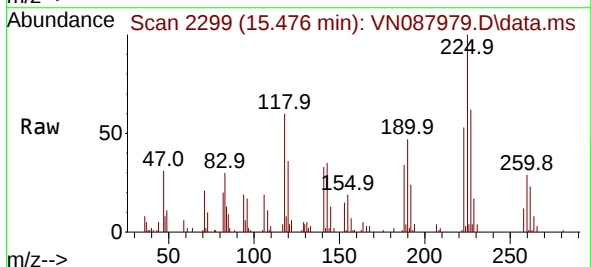
Tgt Ion:225 Resp: 30773

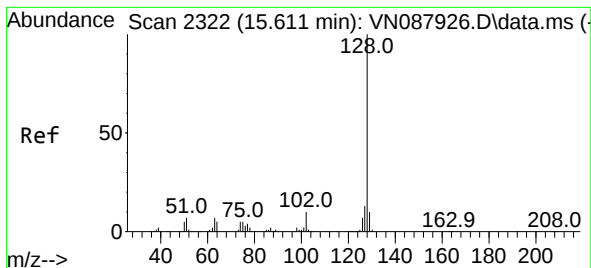
Ion Ratio Lower Upper

225 100

223 64.0 31.8 95.4

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 19.150 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

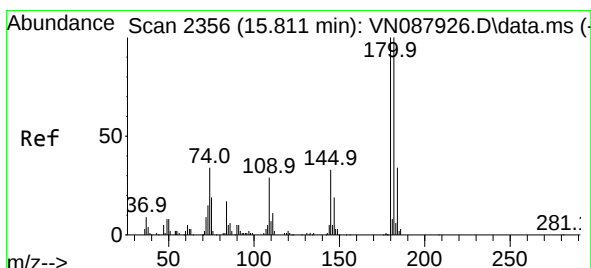
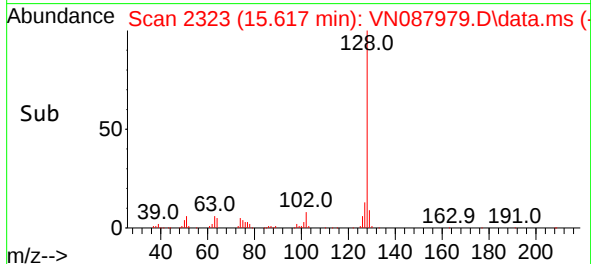
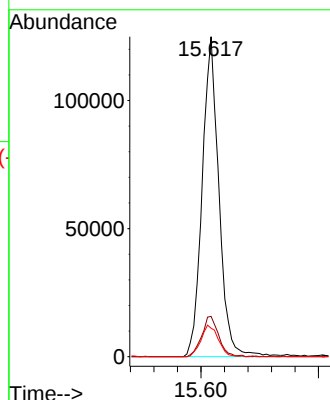
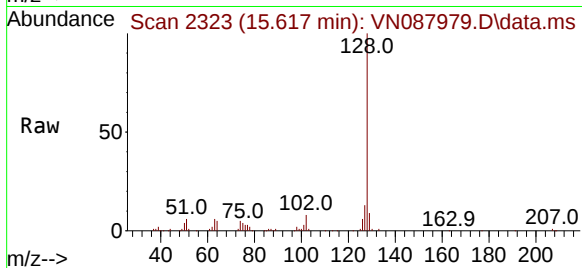
Tgt Ion:128 Resp: 246698

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.779 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Tgt Ion:180 Resp: 73267

Ion Ratio Lower Upper

180 100

182 100.9 47.3 142.0

145 36.2 16.1 48.3

