

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087937.D
 Acq On : 24 Sep 2025 10:42
 Operator : JC\MD
 Sample : VN0924WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Quant Time: Sep 25 03:07:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	242602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	429972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	407713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	201139	49.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	8.147	113	157172	50.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.700%
50) Toluene-d8	10.547	98	548350	49.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.829	95	194705	49.617	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60650	21.587	ug/l	95
3) Chloromethane	2.383	50	55514	19.298	ug/l	99
4) Vinyl Chloride	2.536	62	60000	20.444	ug/l	98
5) Bromomethane	2.977	94	37479	20.599	ug/l	97
6) Chloroethane	3.136	64	40678	21.317	ug/l	99
7) Trichlorofluoromethane	3.506	101	99871	20.900	ug/l	97
8) Diethyl Ether	3.953	74	38405	21.274	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56317	22.299	ug/l	98
10) Methyl Iodide	4.577	142	39909	17.557	ug/l #	92
11) Tert butyl alcohol	5.530	59	65192	110.858	ug/l	97
12) 1,1-Dichloroethene	4.330	96	54643	21.443	ug/l	90
13) Acrolein	4.171	56	73918	97.963	ug/l	99
14) Allyl chloride	5.006	41	81642	19.679	ug/l	95
15) Acrylonitrile	5.706	53	193047	104.654	ug/l	99
16) Acetone	4.424	43	168215	100.137	ug/l	100
17) Carbon Disulfide	4.700	76	162874	20.456	ug/l	100
18) Methyl Acetate	5.018	43	93494	22.239	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	201904	20.282	ug/l	93
20) Methylene Chloride	5.253	84	70175	20.638	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	61692	19.748	ug/l #	77
22) Diisopropyl ether	6.665	45	202118	20.869	ug/l	93
23) Vinyl Acetate	6.589	43	832281	102.062	ug/l	100
24) 1,1-Dichloroethane	6.547	63	113981	20.144	ug/l	99
25) 2-Butanone	7.477	43	270080	105.189	ug/l	99
26) 2,2-Dichloropropane	7.471	77	101160	20.123	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	73453	19.761	ug/l	99
28) Bromochloromethane	7.794	49	56137	18.261	ug/l	96
29) Tetrahydrofuran	7.824	42	175102	106.506	ug/l	99
30) Chloroform	7.947	83	127415	20.595	ug/l	99
31) Cyclohexane	8.236	56	92828	20.276	ug/l #	95
32) 1,1,1-Trichloroethane	8.147	97	105789	20.236	ug/l	94
36) 1,1-Dichloropropene	8.359	75	80421	21.424	ug/l	99
37) Ethyl Acetate	7.547	43	102542	20.802	ug/l	99
38) Carbon Tetrachloride	8.347	117	92409	21.453	ug/l	96
39) Methylcyclohexane	9.583	83	91426	22.078	ug/l	97
40) Benzene	8.588	78	257395	20.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	55550	21.806	ug/l	98
42) 1,2-Dichloroethane	8.653	62	97760	21.077	ug/l	99
43) Isopropyl Acetate	8.677	43	165674	21.352	ug/l	99
44) Trichloroethene	9.330	130	60312	20.315	ug/l	85
45) 1,2-Dichloropropane	9.606	63	65071	20.879	ug/l	97
46) Dibromomethane	9.688	93	52518	21.355	ug/l	96
47) Bromodichloromethane	9.871	83	102212	21.190	ug/l #	96
48) Methyl methacrylate	9.665	41	75440	20.995	ug/l	96
49) 1,4-Dioxane	9.677	88	23155	436.205	ug/l #	84
51) 4-Methyl-2-Pentanone	10.424	43	531034	109.679	ug/l	99
52) Toluene	10.612	92	164722	21.119	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	101025	20.464	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	105969	20.668	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	66763	21.052	ug/l	96
56) Ethyl methacrylate	10.859	69	95065	20.746	ug/l	94
57) 1,3-Dichloropropane	11.141	76	112773	21.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	254732	118.229	ug/l	100
59) 2-Hexanone	11.182	43	328401	102.579	ug/l	97
60) Dibromochloromethane	11.335	129	79328	21.275	ug/l	98
61) 1,2-Dibromoethane	11.447	107	70149	20.894	ug/l	99
64) Tetrachloroethene	11.082	164	51188	20.611	ug/l	89
65) Chlorobenzene	11.871	112	182308	21.012	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	66500	21.254	ug/l	99
67) Ethyl Benzene	11.941	91	297658	20.560	ug/l	98
68) m/p-Xylenes	12.053	106	231489	41.808	ug/l	99
69) o-Xylene	12.376	106	106989	20.112	ug/l	99
70) Styrene	12.388	104	184624	20.208	ug/l	99
71) Bromoform	12.559	173	53373	21.026	ug/l #	98
73) Isopropylbenzene	12.676	105	284074	22.203	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.918	83	107070	23.226	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	130308	32.022	ug/l	59
77) Bromobenzene	12.959	156	72420	21.274	ug/l	98
78) n-propylbenzene	13.012	91	354084	22.135	ug/l	98
79) 2-Chlorotoluene	13.106	91	213097	21.879	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	240559	21.737	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.724	75	35878	24.483	ug/l	92
82) 4-Chlorotoluene	13.200	91	217905	22.203	ug/l	97
83) tert-Butylbenzene	13.418	119	203733	21.750	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	248121	21.859	ug/l	99
85) sec-Butylbenzene	13.594	105	314092	22.871	ug/l	99
86) p-Isopropyltoluene	13.706	119	260904	22.431	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	145692	21.932	ug/l	100
88) 1,4-Dichlorobenzene	13.794	146	146978	21.529	ug/l	98
89) n-Butylbenzene	14.035	91	247364	22.503	ug/l	98
90) Hexachloroethane	14.312	117	54134	22.280	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	137052	21.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24801	23.154	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	81962	21.679	ug/l	96
94) Hexachlorobutadiene	15.476	225	32913	23.652	ug/l	99
95) Naphthalene	15.617	128	261901	21.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	76222	20.738	ug/l	94

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MSVOA_N
ClientSampleId :
VN0924WBSD01

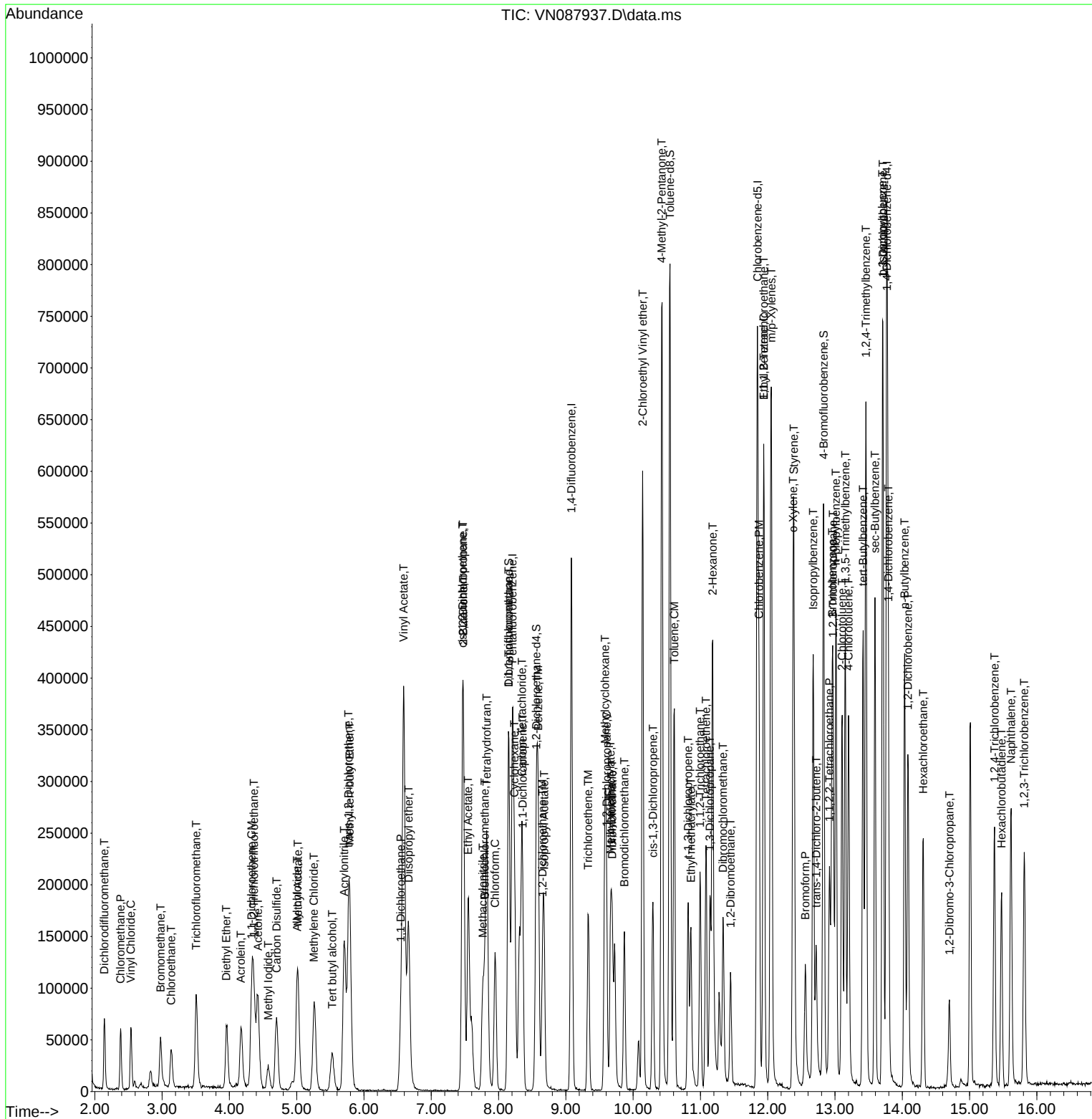
Quant Time: Sep 25 03:07:26 2025
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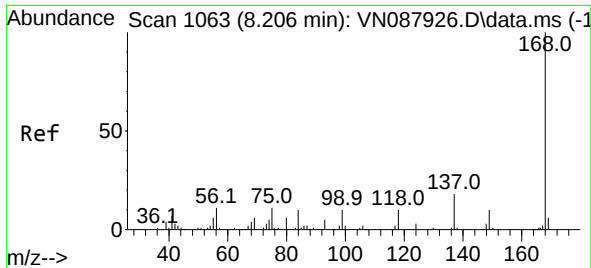
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_N
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Quant Title : SW846 8260
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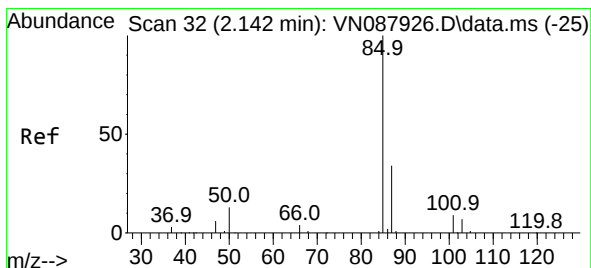
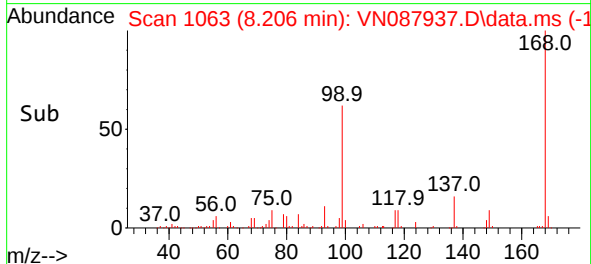
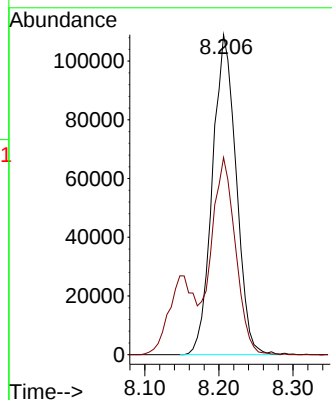
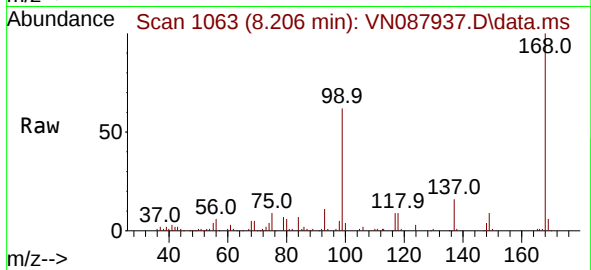




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087937.D
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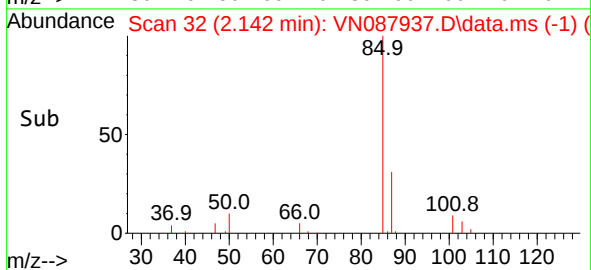
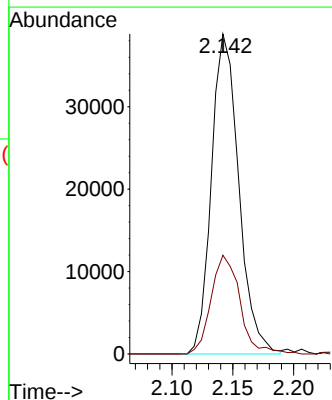
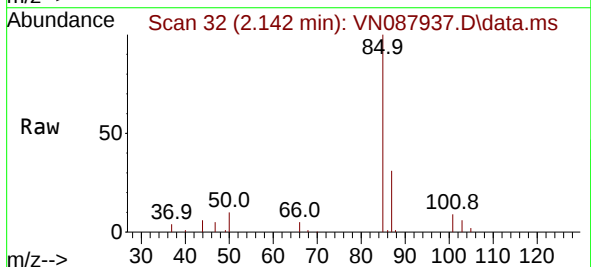
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

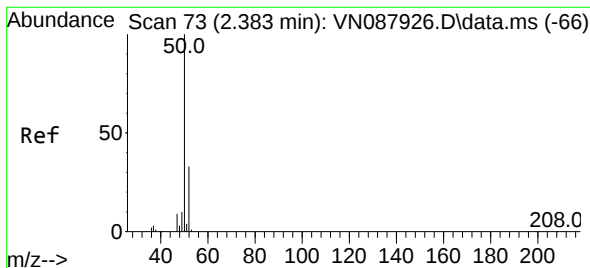
Tgt Ion:168 Resp: 242602
Ion Ratio Lower Upper
168 100
99 61.6 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 21.587 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 85 Resp: 60650
Ion Ratio Lower Upper
85 100
87 30.8 16.9 50.6





#3

Chloromethane

Concen: 19.298 ug/l

RT: 2.383 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

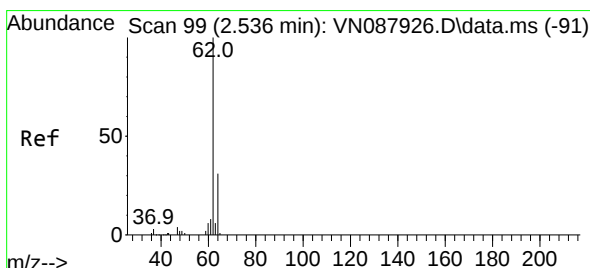
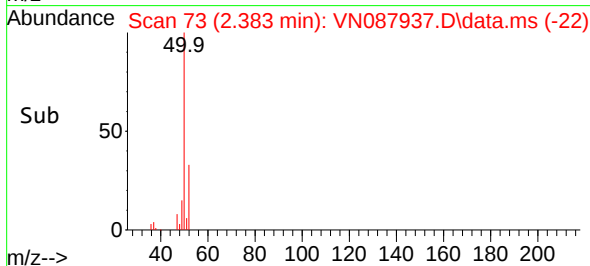
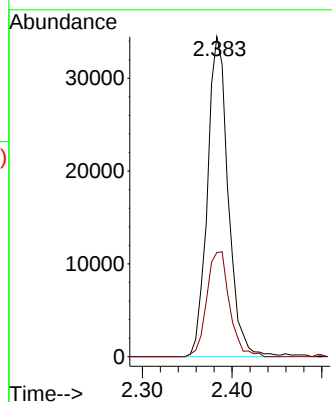
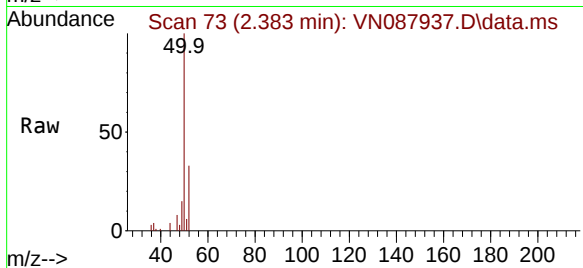
VN0924WBSD01

Tgt Ion: 50 Resp: 55514

Ion Ratio Lower Upper

50 100

52 32.6 26.6 40.0



#4

Vinyl Chloride

Concen: 20.444 ug/l

RT: 2.536 min Scan# 99

Delta R.T. 0.000 min

Lab File: VN087937.D

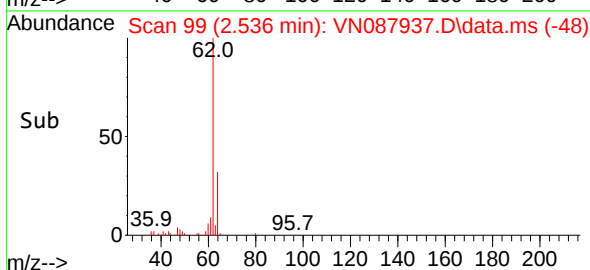
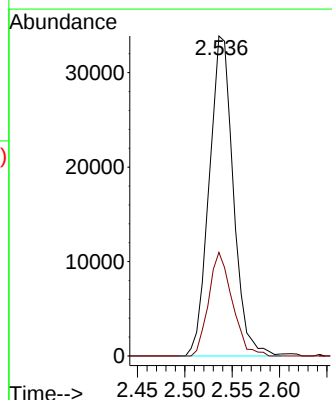
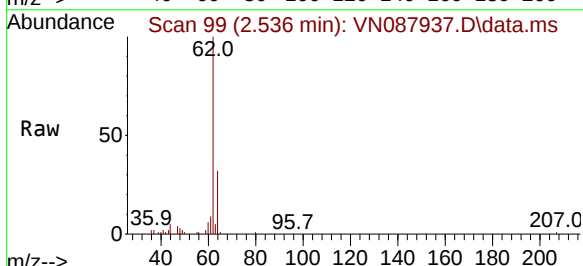
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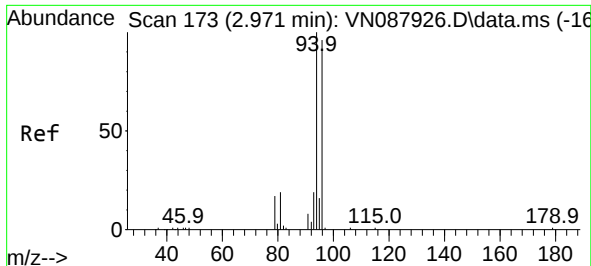
Tgt Ion: 62 Resp: 60000

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8

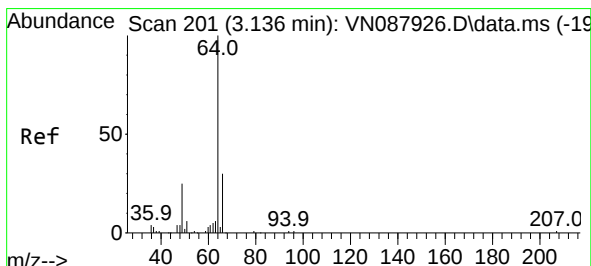
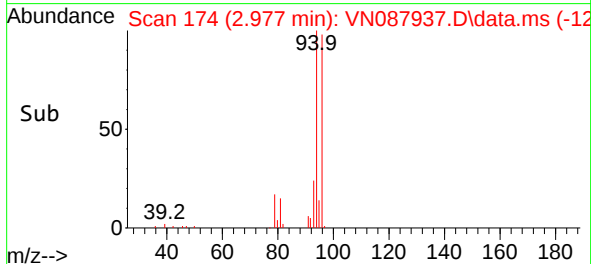
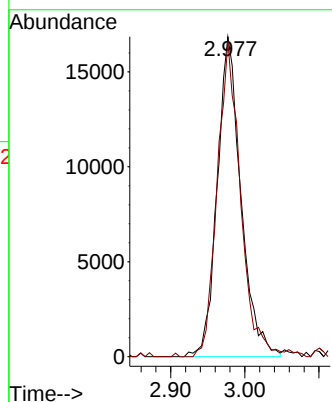
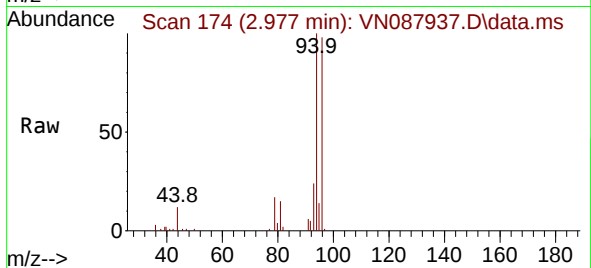




#5
Bromomethane
Concen: 20.599 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087937.D
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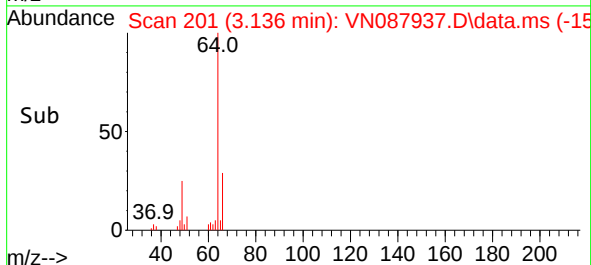
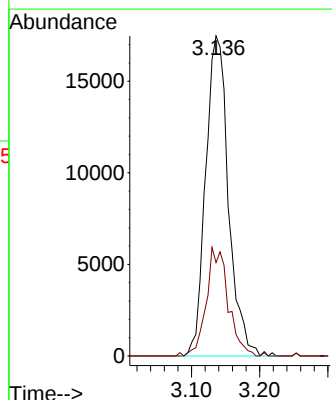
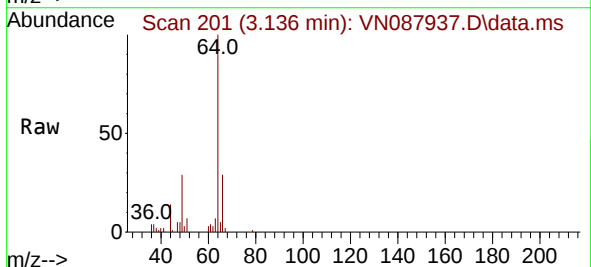
Instrument :
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Tgt Ion: 94 Resp: 37479
Ion Ratio Lower Upper
94 100
96 98.5 76.8 115.2



#6
Chloroethane
Concen: 21.317 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 64 Resp: 40678
Ion Ratio Lower Upper
64 100
66 29.2 23.8 35.8

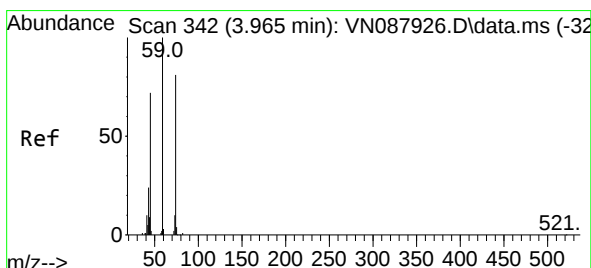
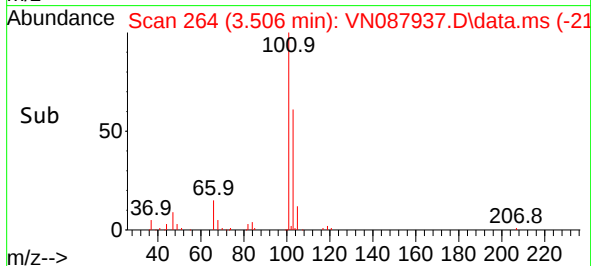
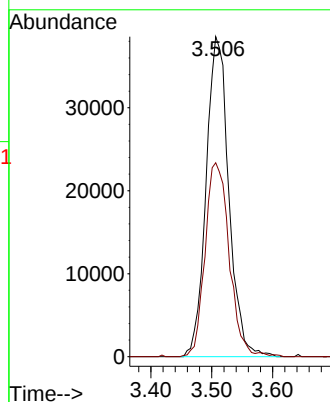
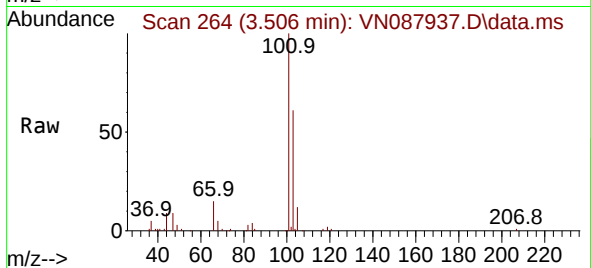




#7
 Trichlorofluoromethane
 Concen: 20.900 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

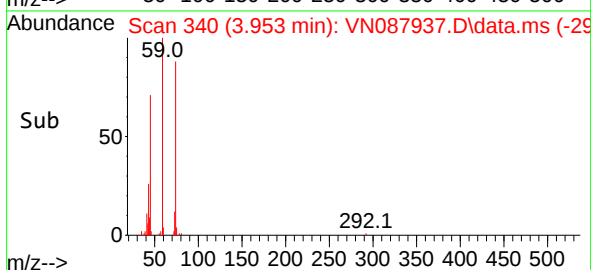
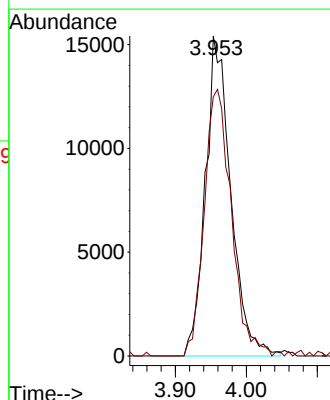
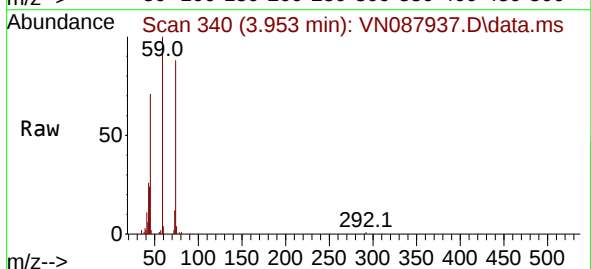
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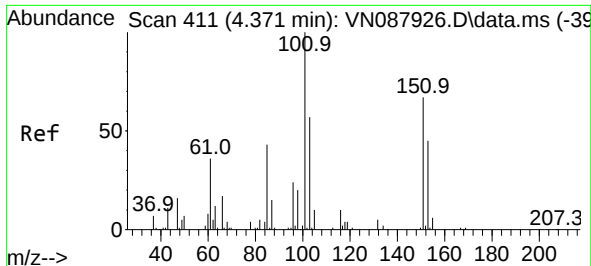
Tgt Ion:101 Resp: 99871
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.274 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion: 74 Resp: 38405
 Ion Ratio Lower Upper
 74 100
 45 89.2 45.4 136.1

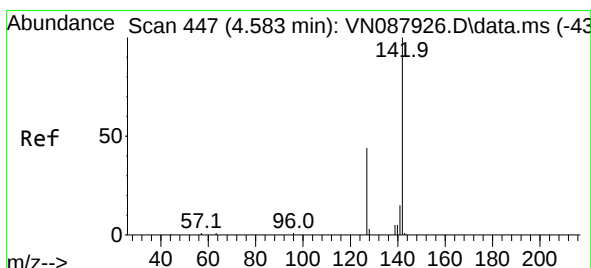
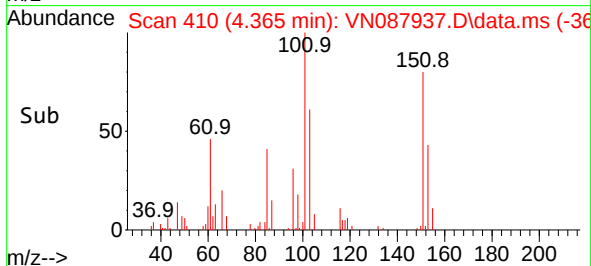
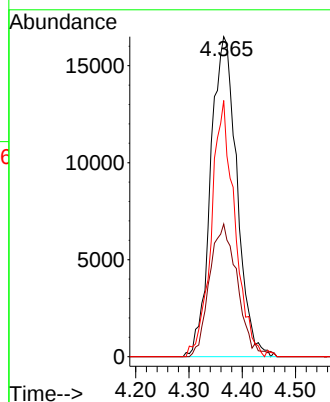
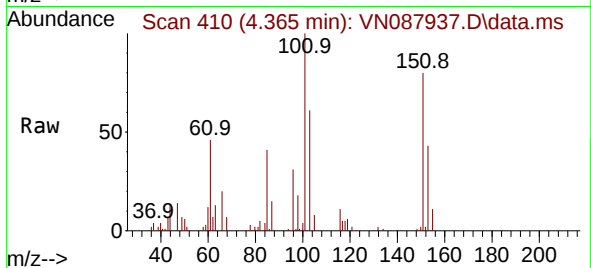




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.299 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
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 Acq: 24 Sep 2025 10:42

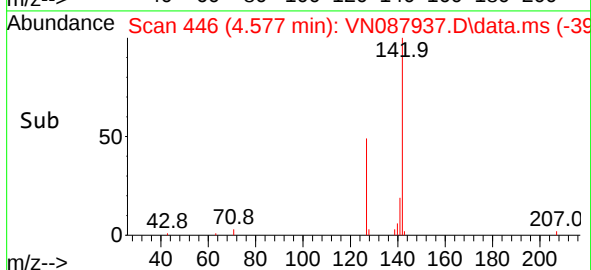
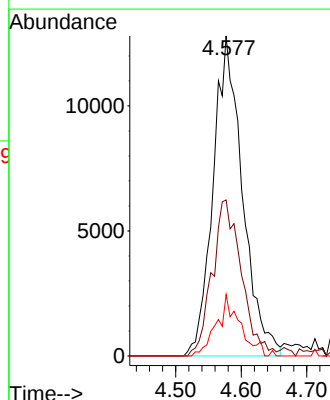
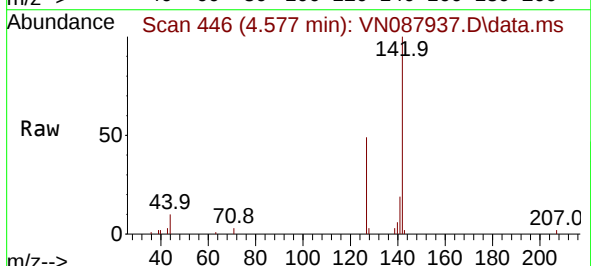
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

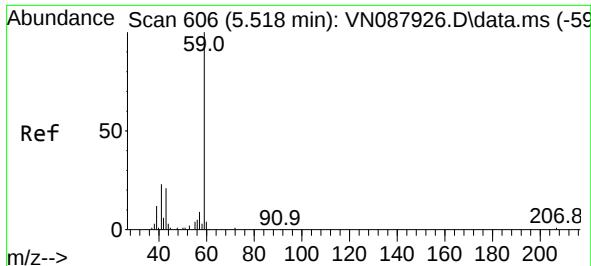
Tgt Ion:101	Resp:	56317
Ion	Ratio	Lower Upper
101	100	
85	44.1	36.5 54.7
151	71.4	58.6 87.8



#10
 Methyl Iodide
 Concen: 17.557 ug/l
 RT: 4.577 min Scan# 446
 Delta R.T. -0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion:142	Resp:	39909
Ion	Ratio	Lower Upper
142	100	
127	48.7	35.3 52.9
141	19.2	11.8 17.8

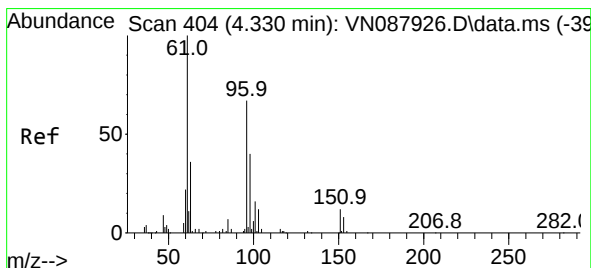
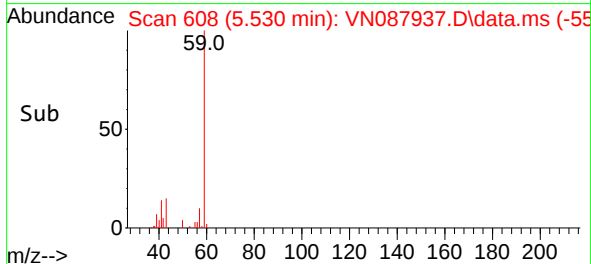
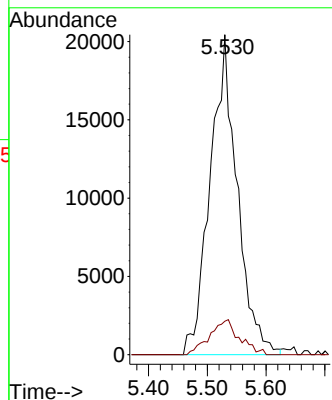
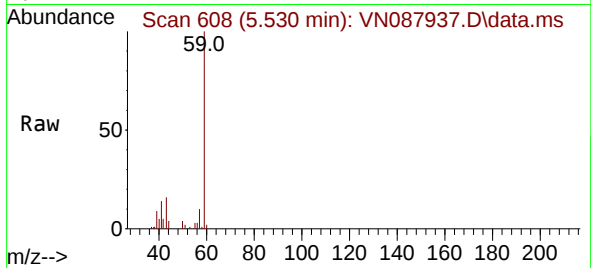




#11
Tert butyl alcohol
Concen: 110.858 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

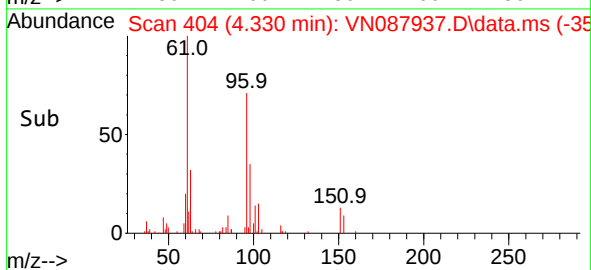
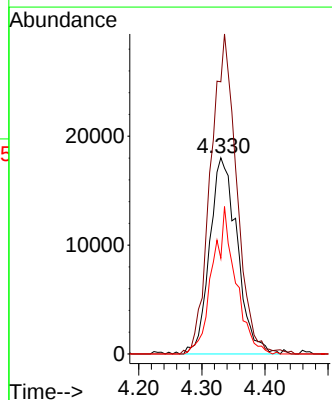
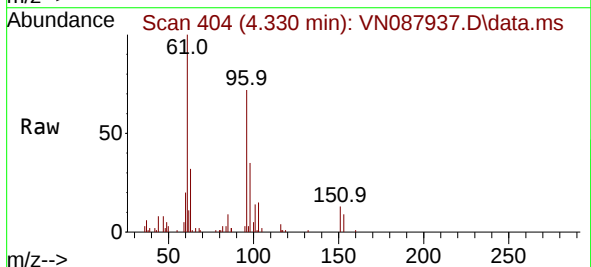
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

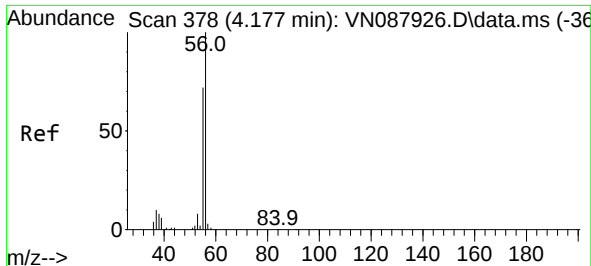
Tgt Ion: 59 Resp: 65192
Ion Ratio Lower Upper
59 100
57 12.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 21.443 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 96 Resp: 54643
Ion Ratio Lower Upper
96 100
61 138.7 119.2 178.8
98 48.7 47.5 71.3





#13

Acrolein

Concen: 97.963 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

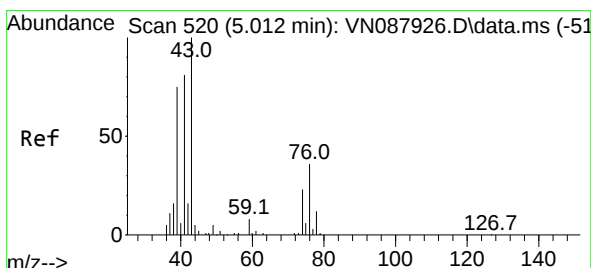
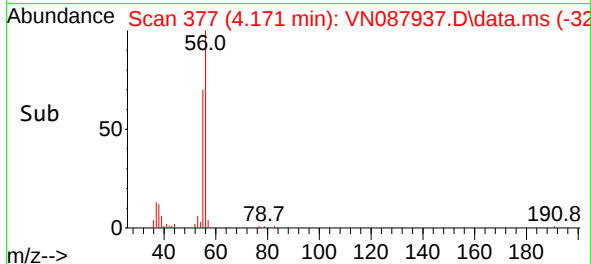
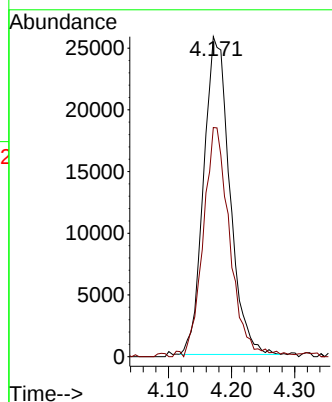
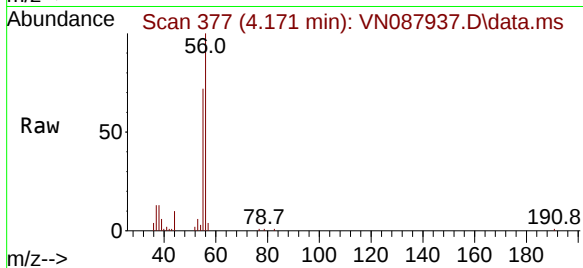
VN0924WBSD01

Tgt Ion: 56 Resp: 73918

Ion Ratio Lower Upper

56 100

55 73.2 59.3 88.9



#14

Allyl chloride

Concen: 19.679 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

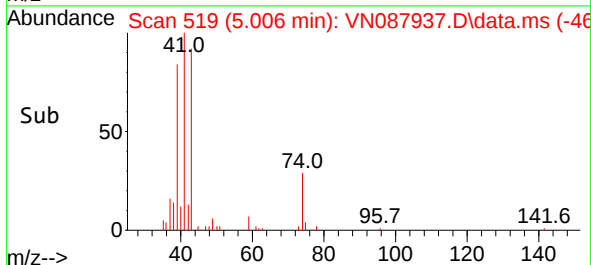
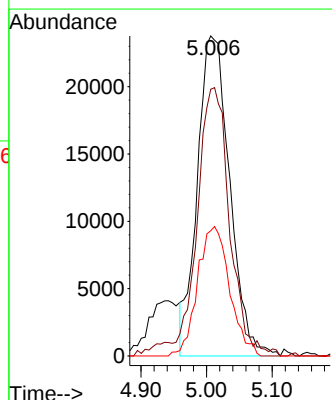
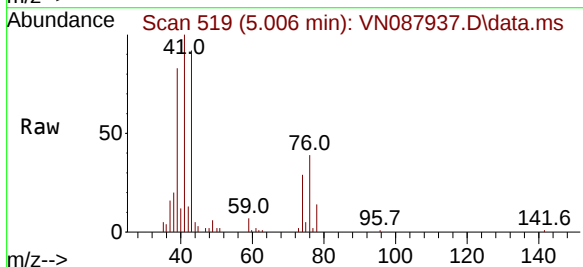
Tgt Ion: 41 Resp: 81642

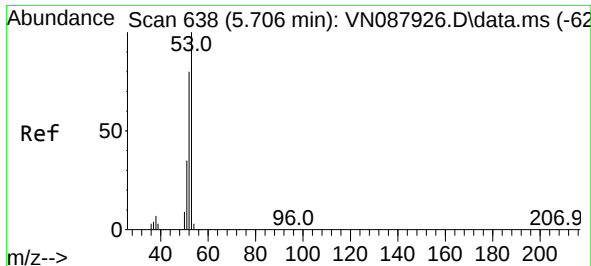
Ion Ratio Lower Upper

41 100

39 85.9 63.8 95.8

76 40.0 33.0 49.6

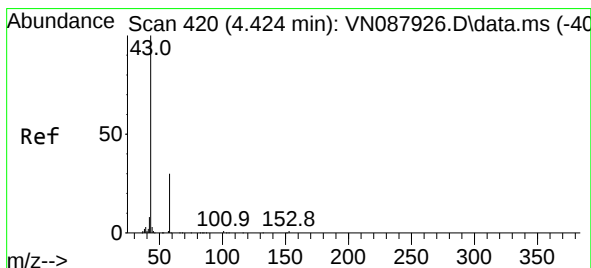
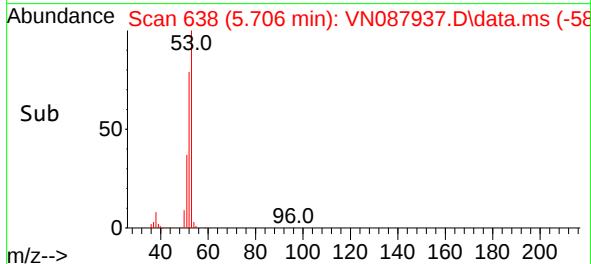
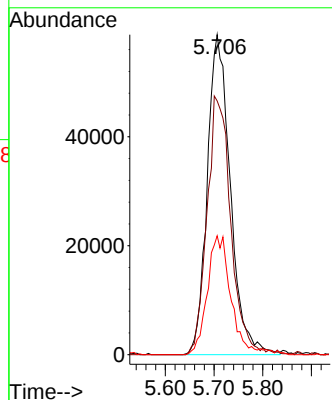
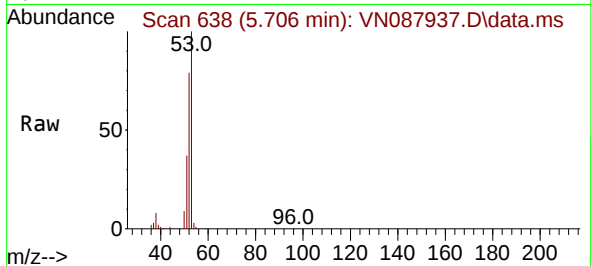




#15
Acrylonitrile
Concen: 104.654 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

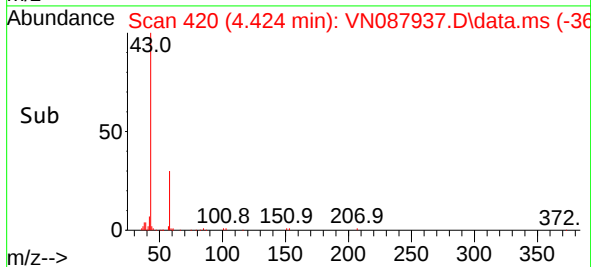
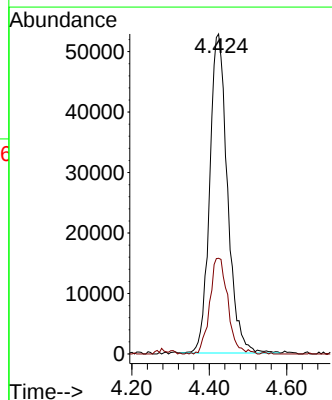
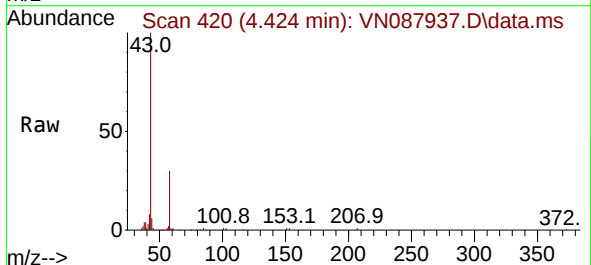
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tgt Ion: 53 Resp: 193047
Ion Ratio Lower Upper
53 100
52 83.2 66.6 99.8
51 37.3 29.0 43.4



#16
Acetone
Concen: 100.137 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 43 Resp: 168215
Ion Ratio Lower Upper
43 100
58 30.0 24.1 36.1

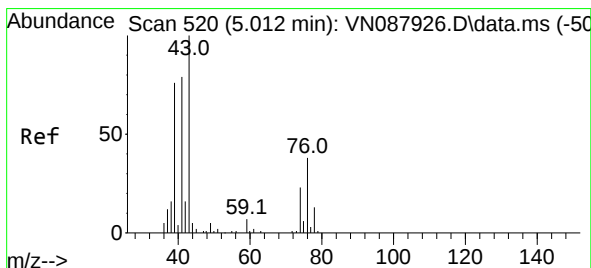
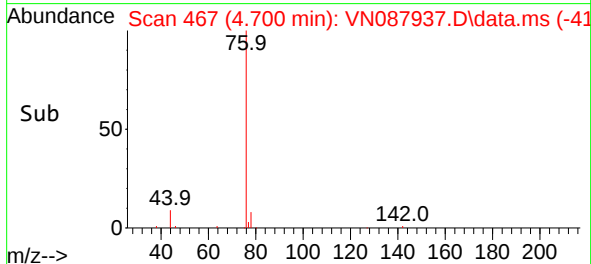
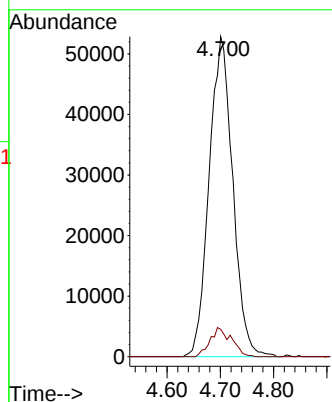
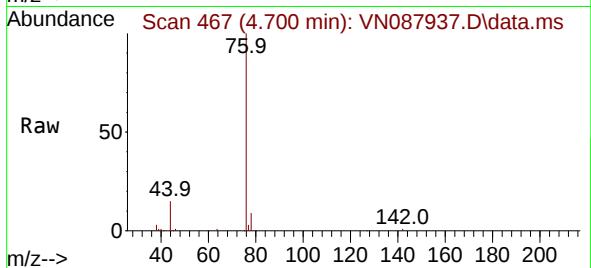




#17
Carbon Disulfide
Concen: 20.456 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

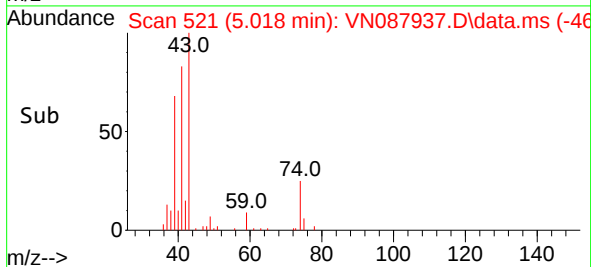
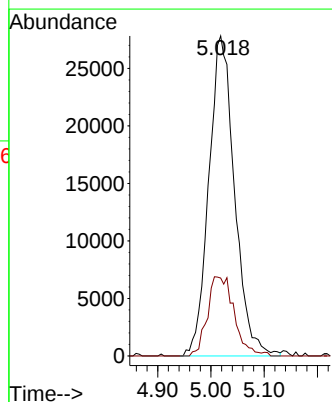
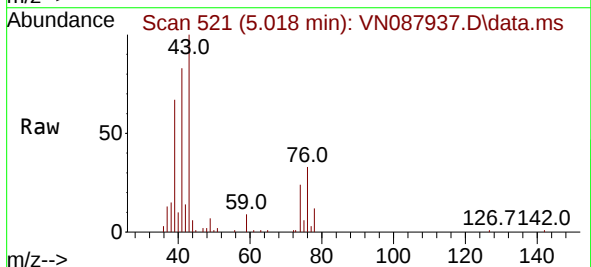
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

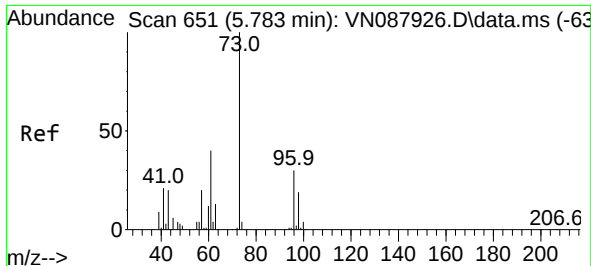
Tgt Ion: 76 Resp: 162874
Ion Ratio Lower Upper
76 100
78 8.6 6.7 10.1



#18
Methyl Acetate
Concen: 22.239 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 43 Resp: 93494
Ion Ratio Lower Upper
43 100
74 25.7 19.7 29.5

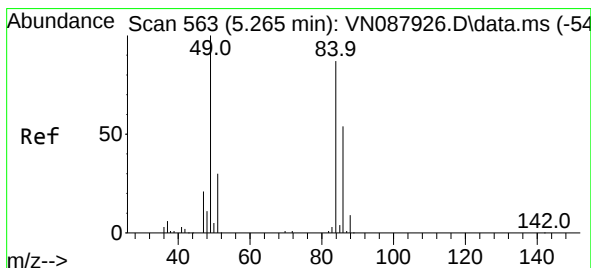
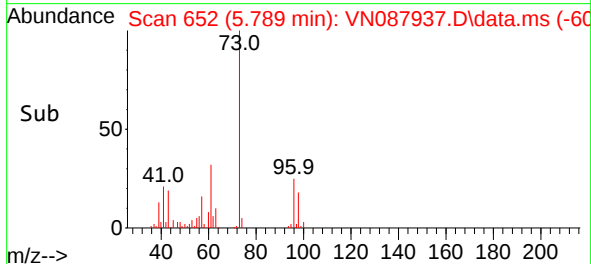
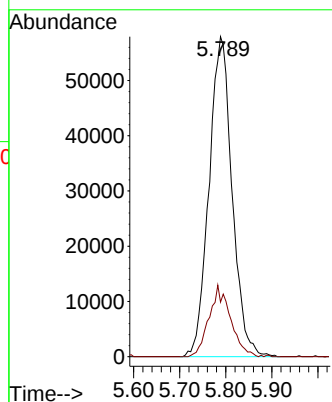
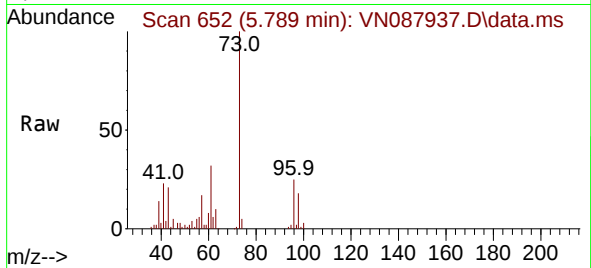




#19
Methyl tert-butyl Ether
Concen: 20.282 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

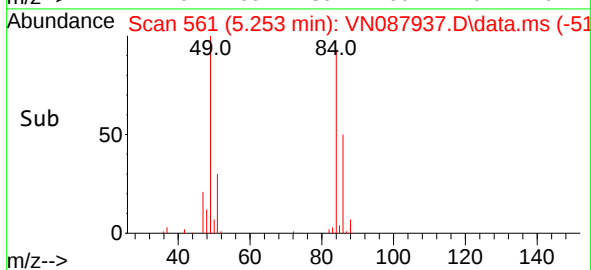
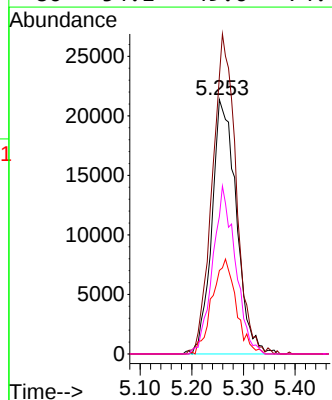
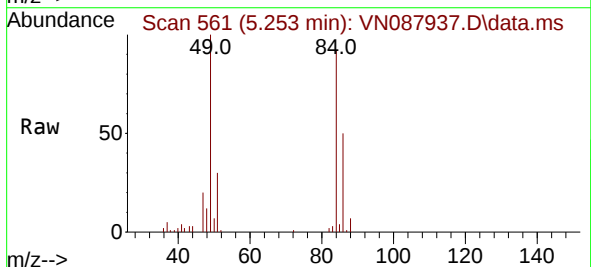
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

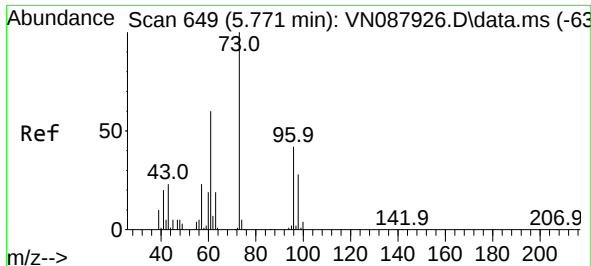
Tgt Ion: 73 Resp: 201904
Ion Ratio Lower Upper
73 100
57 17.1 16.3 24.5



#20
Methylene Chloride
Concen: 20.638 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 84 Resp: 70175
Ion Ratio Lower Upper
84 100
49 109.3 92.1 138.1
51 32.8 27.7 41.5
86 54.1 49.6 74.4

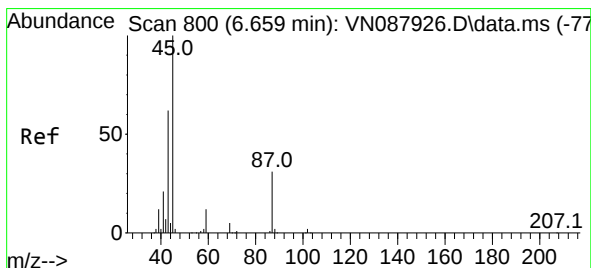
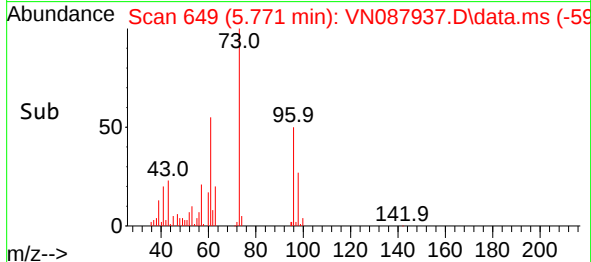
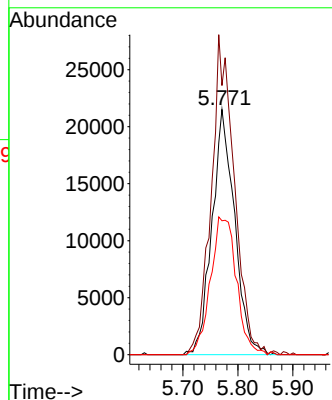
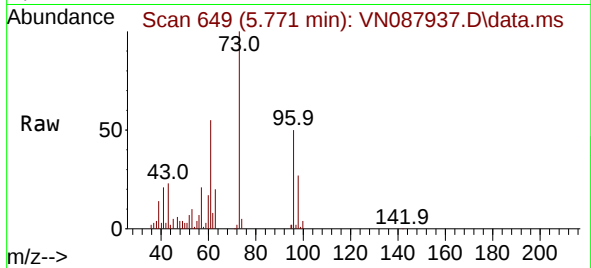




#21
trans-1,2-Dichloroethene
Concen: 19.748 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

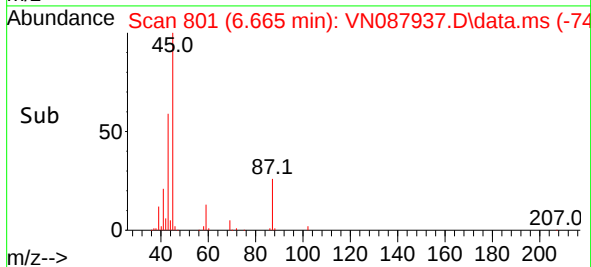
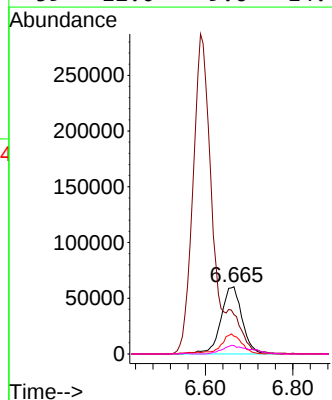
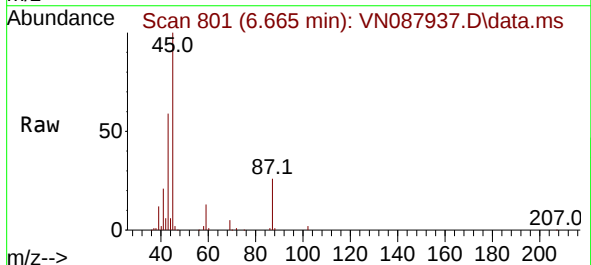
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tgt Ion: 96 Resp: 61692
Ion Ratio Lower Upper
96 100
61 109.7 114.4 171.6#
98 54.6 53.6 80.4



#22
Diisopropyl ether
Concen: 20.869 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 45 Resp: 202118
Ion Ratio Lower Upper
45 100
43 57.4 49.9 74.9
87 26.5 25.2 37.8
59 12.0 9.6 14.4

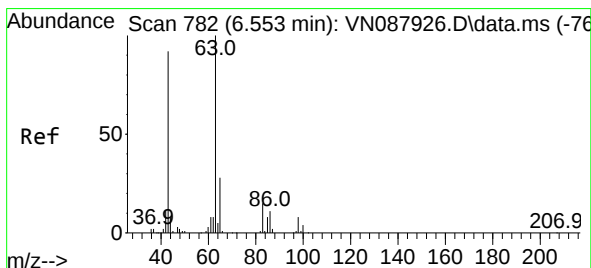
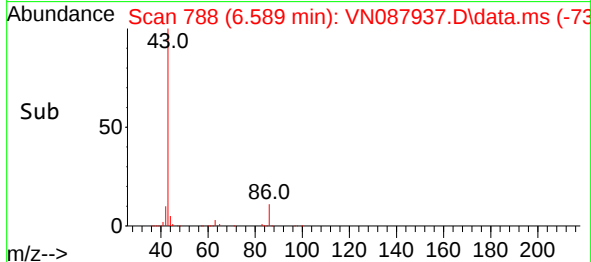
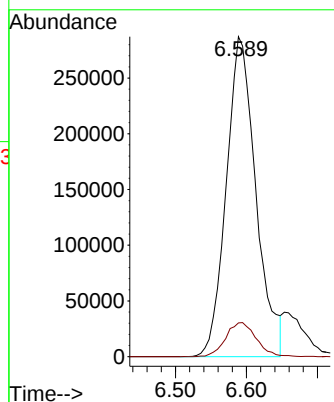
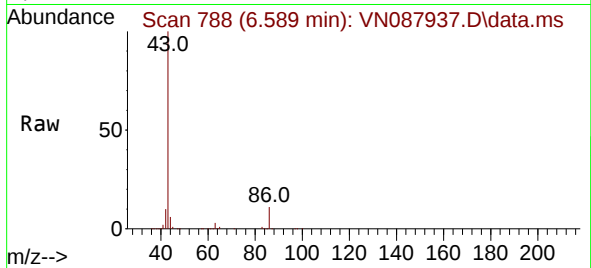




#23
 Vinyl Acetate
 Concen: 102.062 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

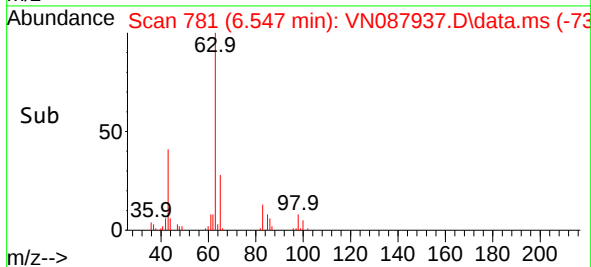
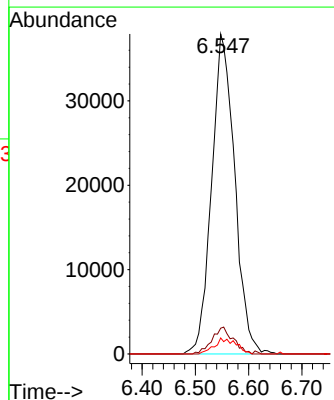
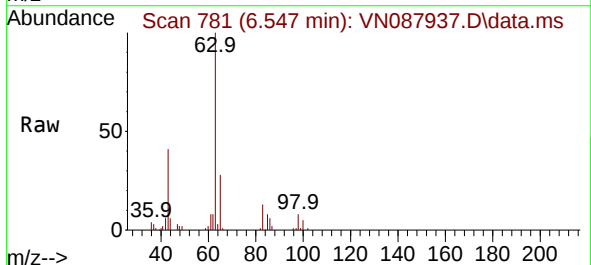
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tgt Ion: 43 Resp: 832281
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.144 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion: 63 Resp: 113981
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 5.0 2.1 6.5

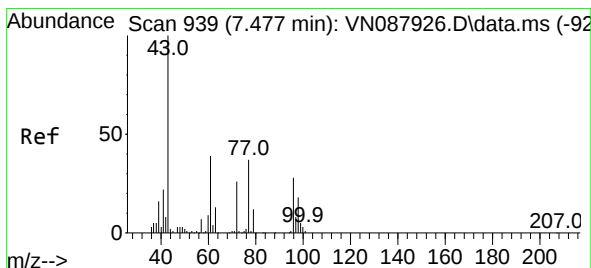
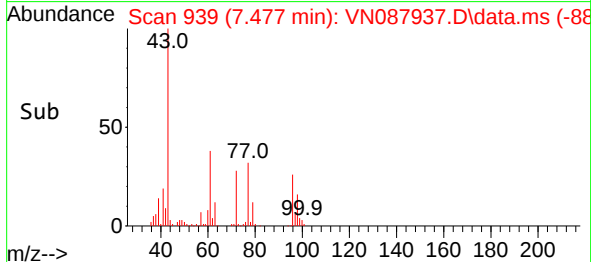
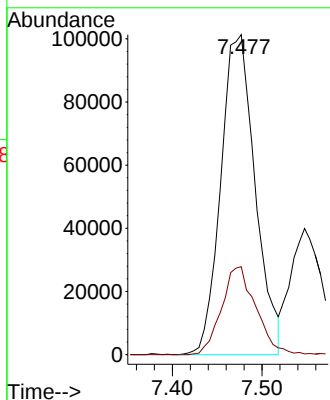
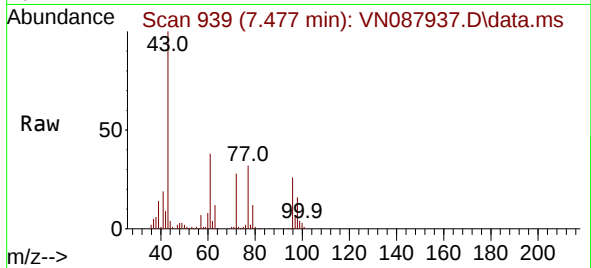




#25
2-Butanone
Concen: 105.189 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

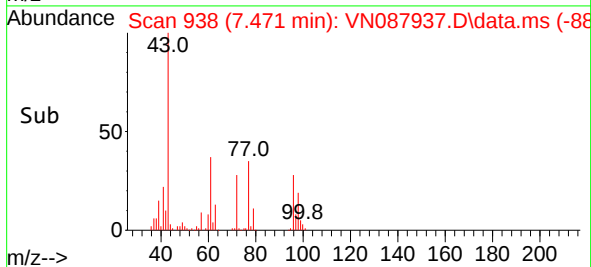
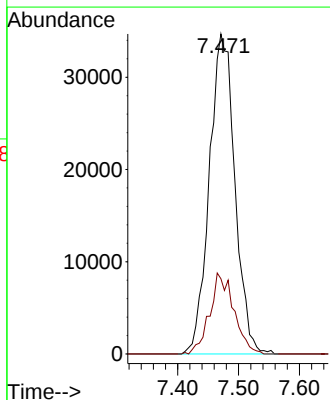
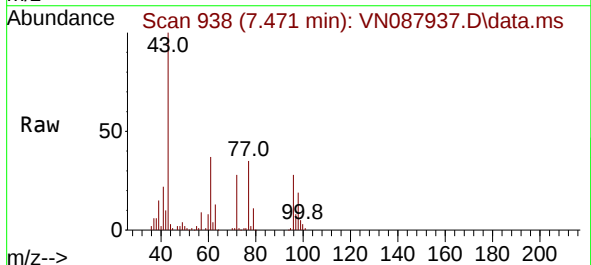
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tgt Ion: 43 Resp: 270080
Ion Ratio Lower Upper
43 100
72 27.5 21.5 32.3



#26
2,2-Dichloropropane
Concen: 20.123 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 77 Resp: 101160
Ion Ratio Lower Upper
77 100
97 23.9 11.5 34.5

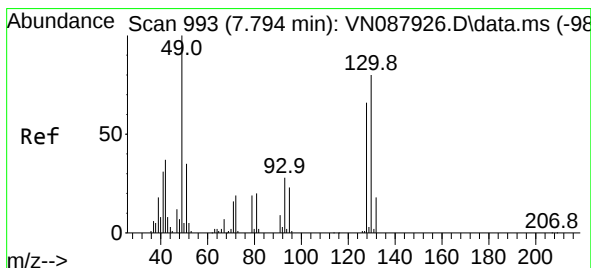
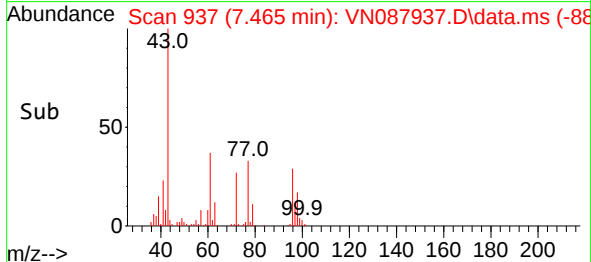
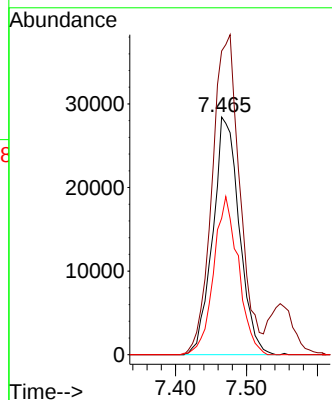
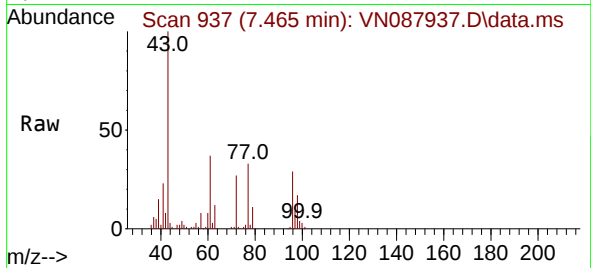




#27
 cis-1,2-Dichloroethene
 Concen: 19.761 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

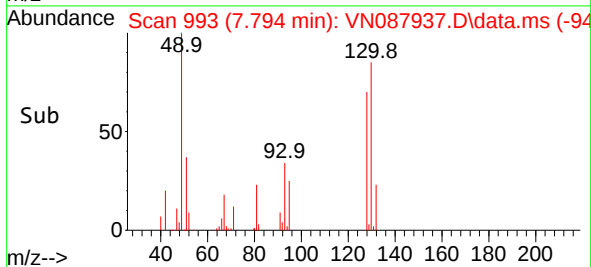
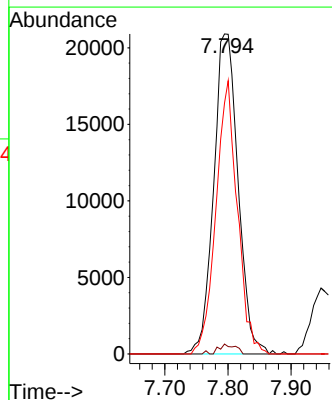
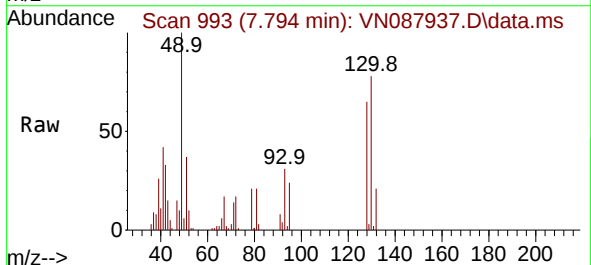
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

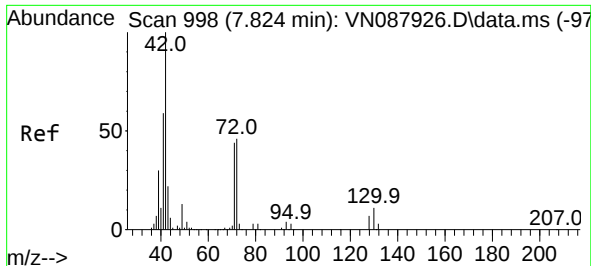
Tgt Ion: 96 Resp: 73453
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 283.0
 98 62.3 0.0 127.6



#28
 Bromochloromethane
 Concen: 18.261 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion: 49 Resp: 56137
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.4
 130 75.0 62.6 94.0





#29

Tetrahydrofuran

Concen: 106.506 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

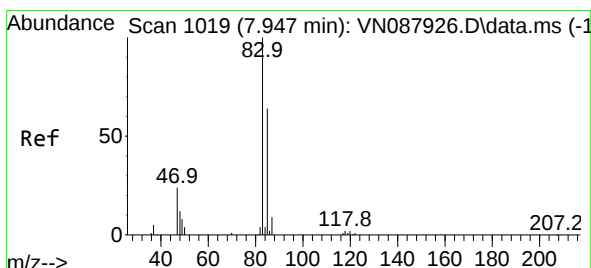
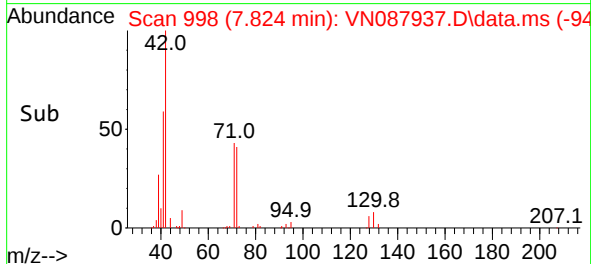
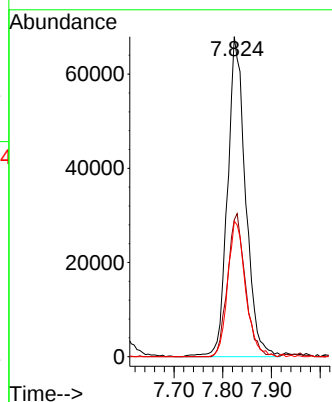
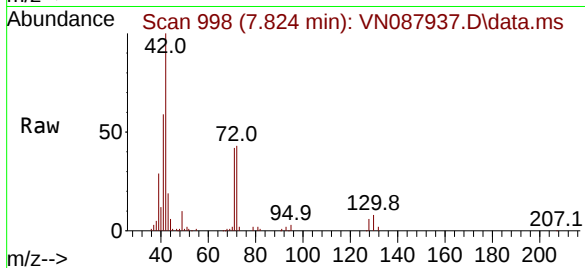
Tgt Ion: 42 Resp: 175102

Ion Ratio Lower Upper

42 100

72 44.1 36.5 54.7

71 41.9 33.8 50.8



#30

Chloroform

Concen: 20.595 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087937.D

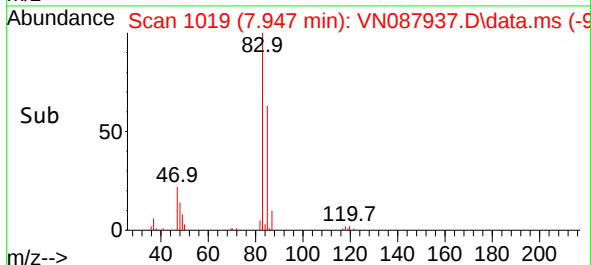
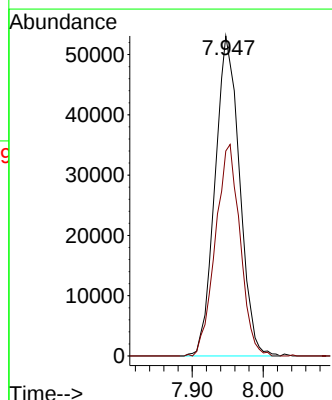
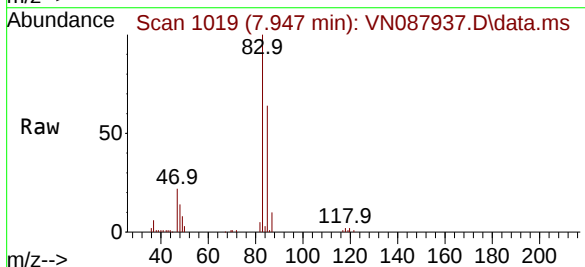
Acq: 24 Sep 2025 10:42

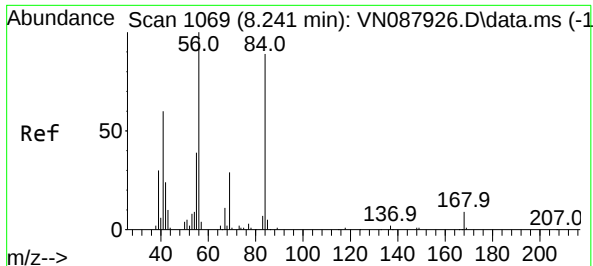
Tgt Ion: 83 Resp: 127415

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3





#31

Cyclohexane

Concen: 20.276 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

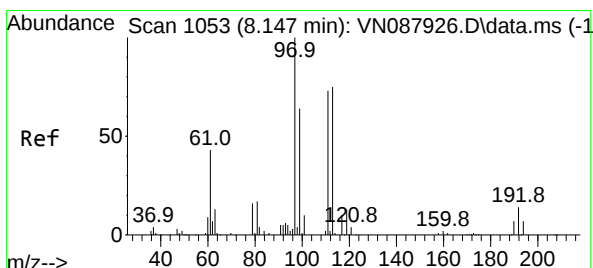
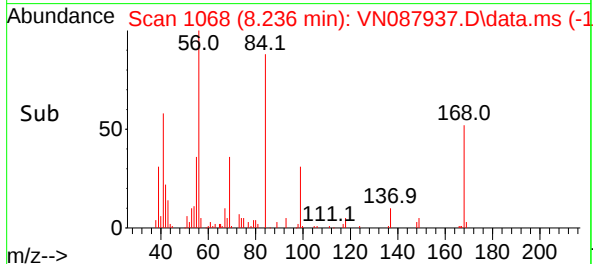
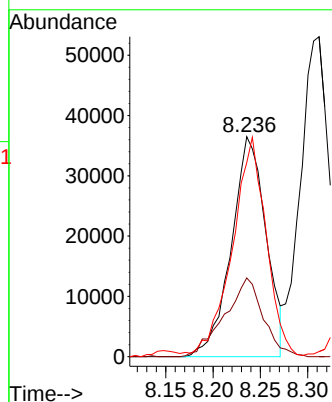
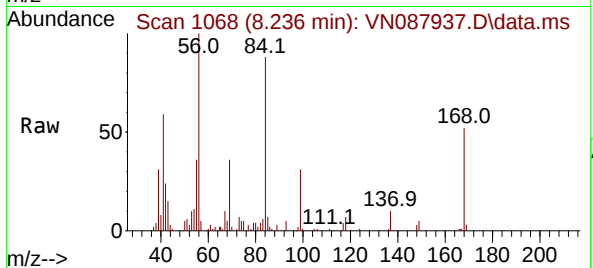
Tgt Ion: 56 Resp: 92828

Ion Ratio Lower Upper

56 100

69 35.8 23.4 35.0#

84 86.7 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 20.236 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

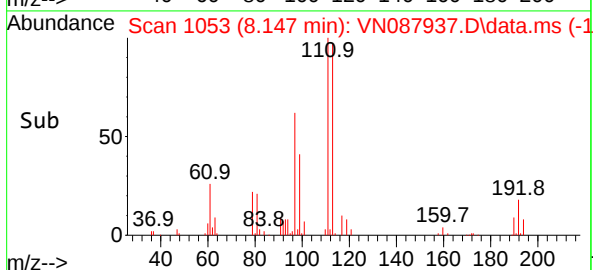
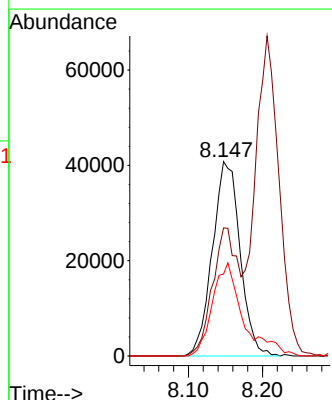
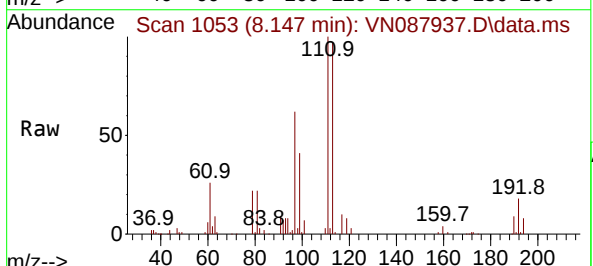
Tgt Ion: 97 Resp: 105789

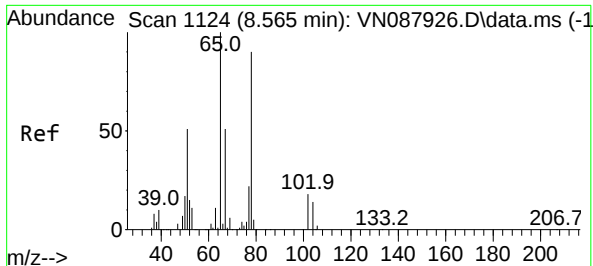
Ion Ratio Lower Upper

97 100

99 59.8 51.1 76.7

61 52.9 38.6 58.0

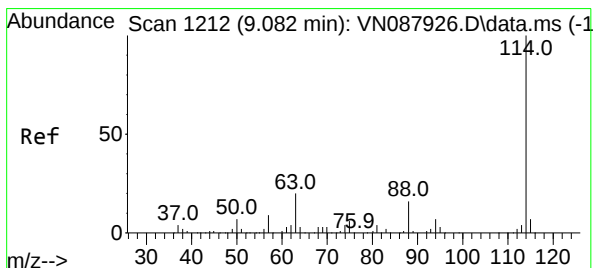
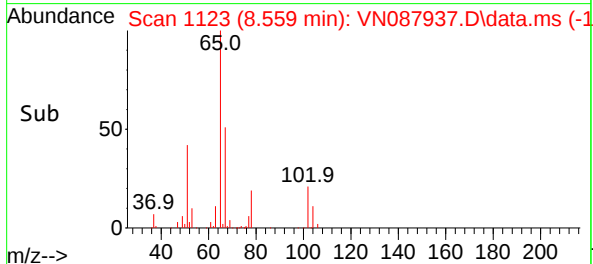
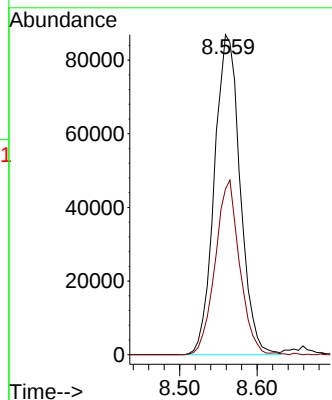
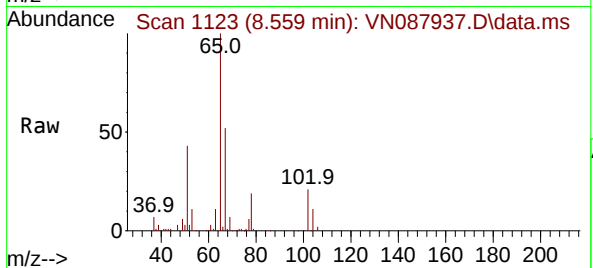




#33
 1,2-Dichloroethane-d4
 Concen: 49.265 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

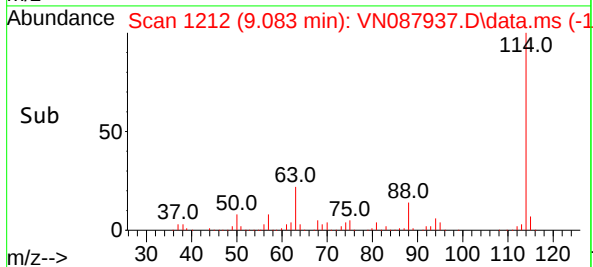
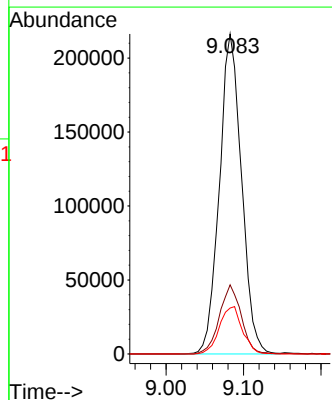
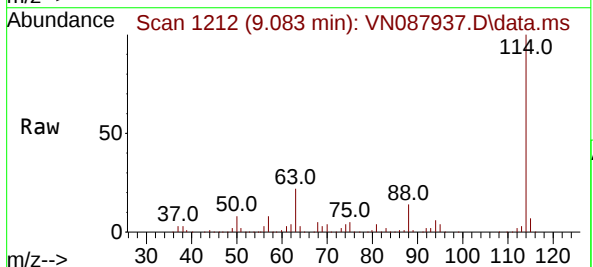
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Tgt Ion: 65 Resp: 201139
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion: 114 Resp: 429972
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

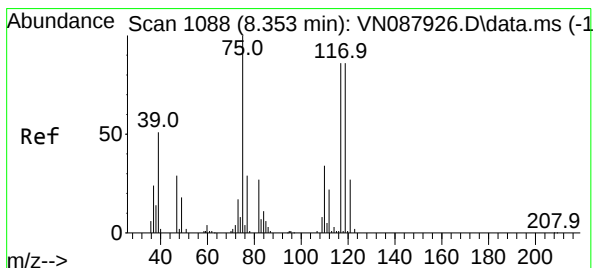
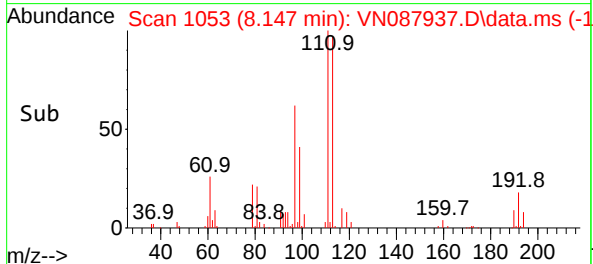
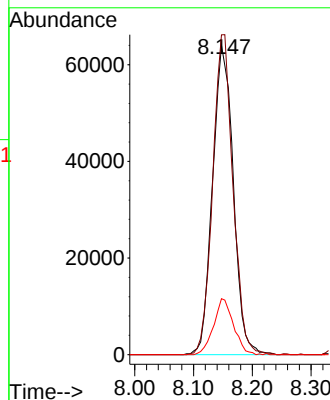
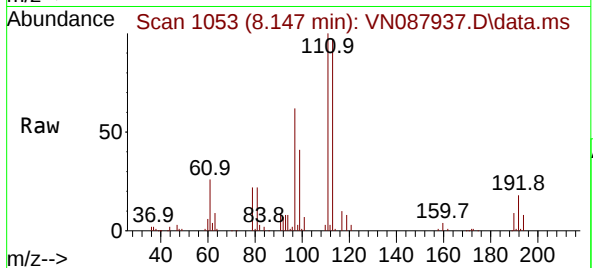
Tgt Ion:113 Resp: 157172

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.424 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

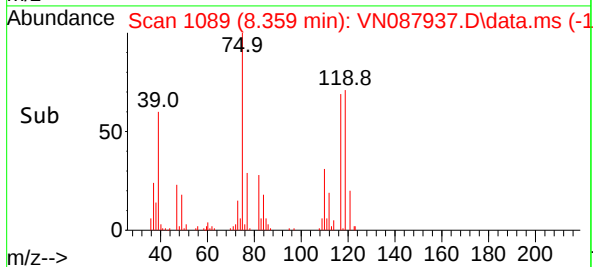
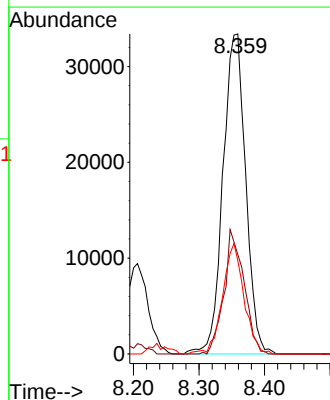
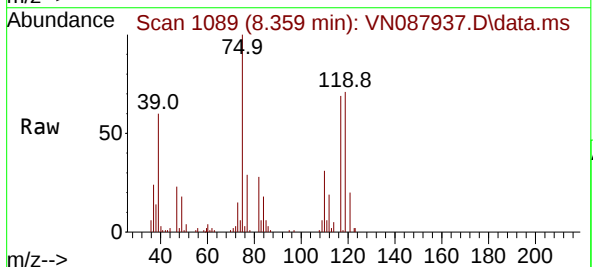
Tgt Ion: 75 Resp: 80421

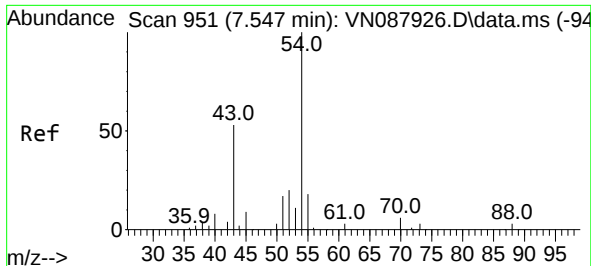
Ion Ratio Lower Upper

75 100

110 34.3 17.1 51.3

77 32.5 24.8 37.2





#37

Ethyl Acetate

Concen: 20.802 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

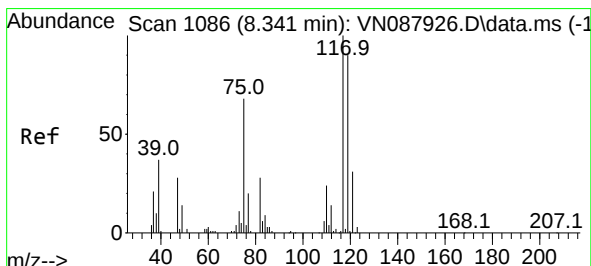
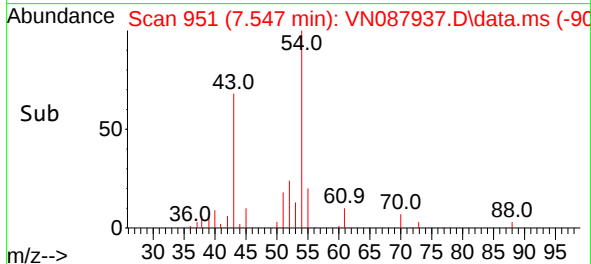
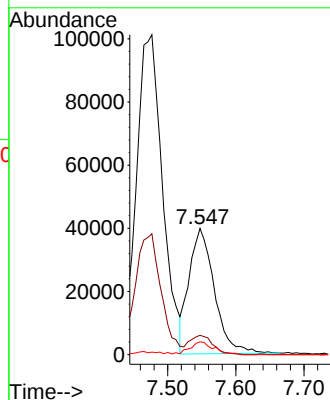
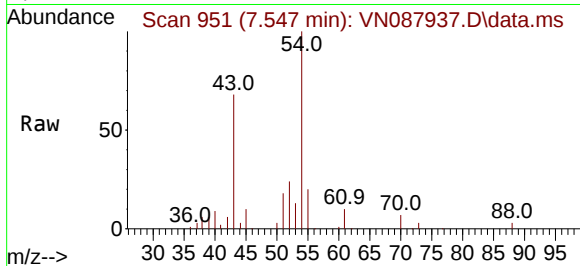
Tgt Ion: 43 Resp: 102542

Ion Ratio Lower Upper

43 100

61 14.0 10.7 16.1

70 9.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.453 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

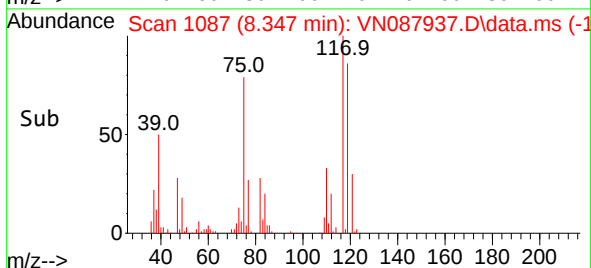
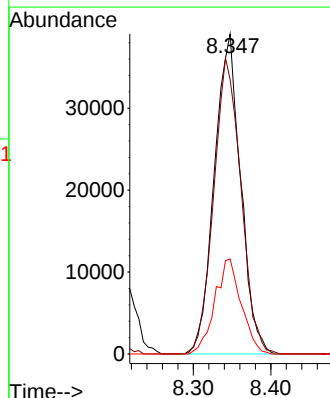
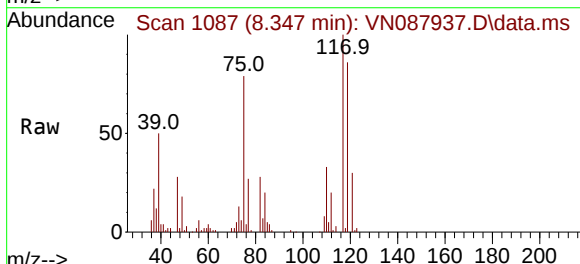
Tgt Ion: 117 Resp: 92409

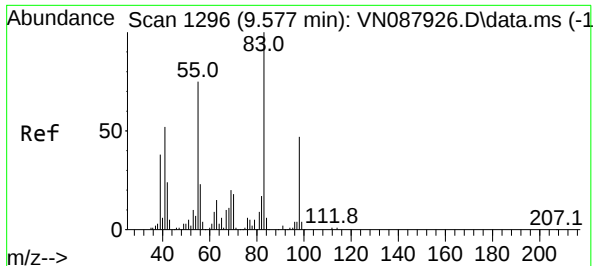
Ion Ratio Lower Upper

117 100

119 85.8 72.1 108.1

121 29.7 24.6 36.8





#39

Methylcyclohexane

Concen: 22.078 ug/l

RT: 9.583 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

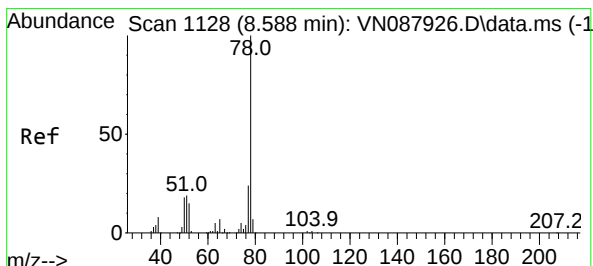
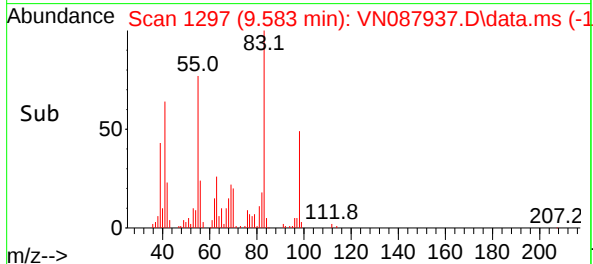
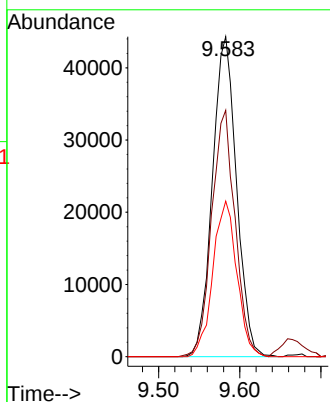
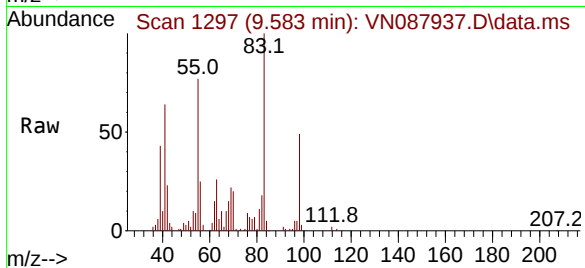
Tgt Ion: 83 Resp: 91426

Ion Ratio Lower Upper

83 100

55 77.0 59.9 89.9

98 48.6 37.4 56.2



#40

Benzene

Concen: 20.709 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087937.D

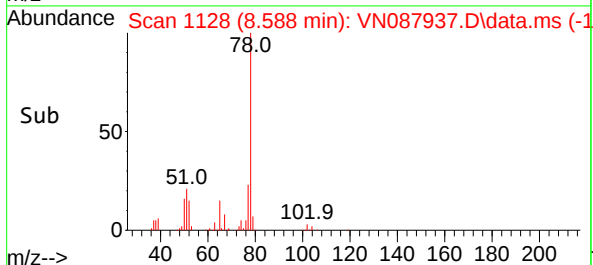
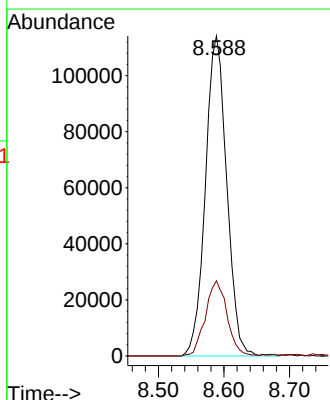
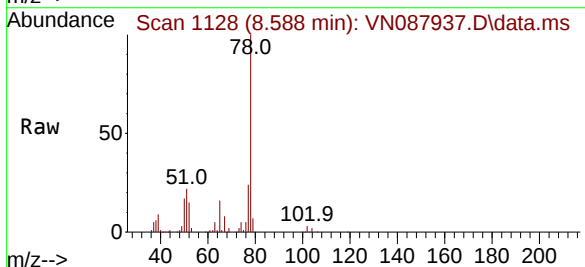
Acq: 24 Sep 2025 10:42

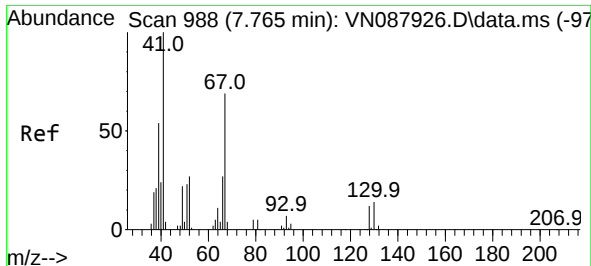
Tgt Ion: 78 Resp: 257395

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

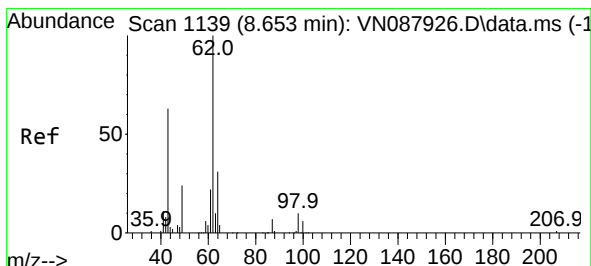
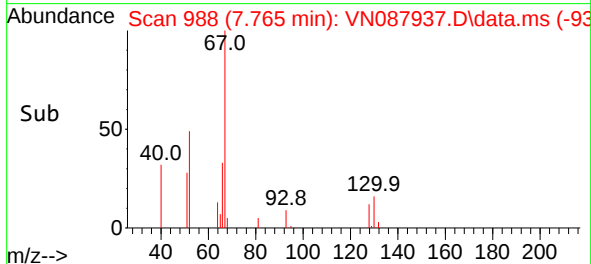
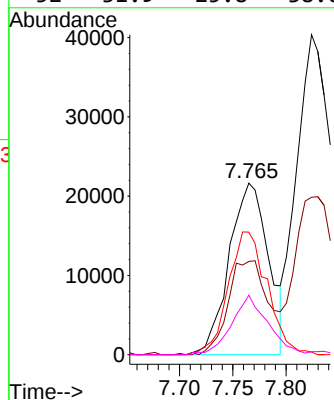
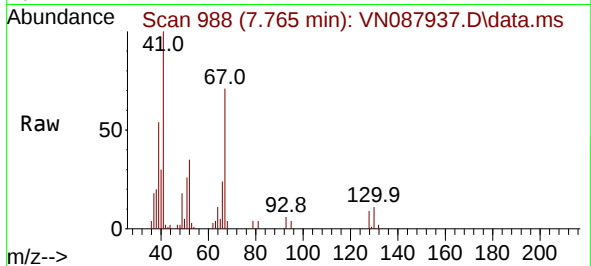




#41
Methacrylonitrile
Concen: 21.806 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

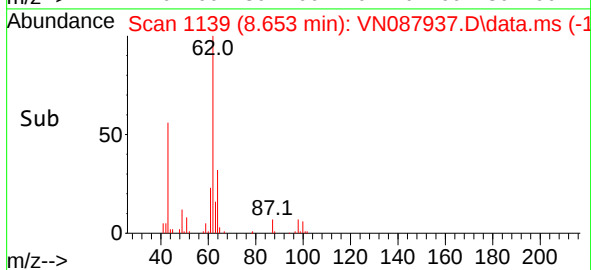
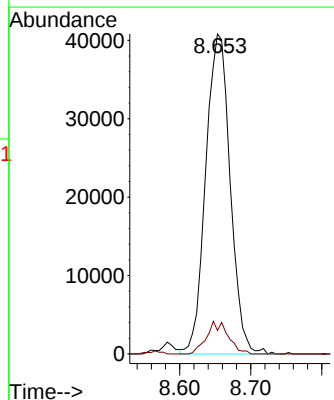
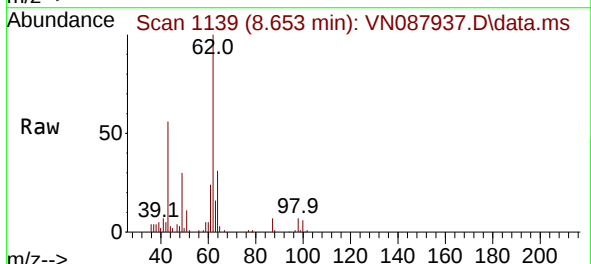
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

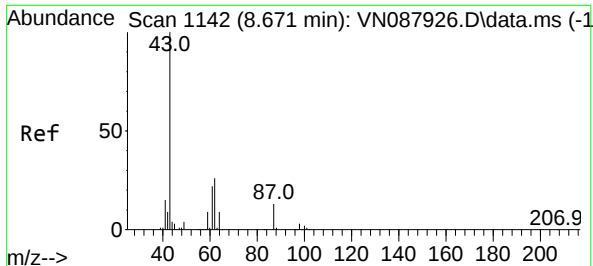
Tgt Ion: 41	Resp: 55550
Ion Ratio	Lower Upper
41 100	
39 56.6	43.5 65.3
67 71.0	57.6 86.4
52 31.9	25.8 38.6



#42
1,2-Dichloroethane
Concen: 21.077 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

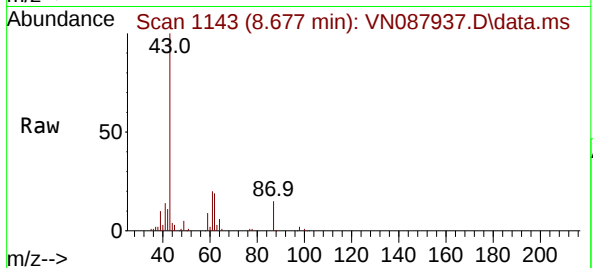
Tgt Ion: 62	Resp: 97760
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.6



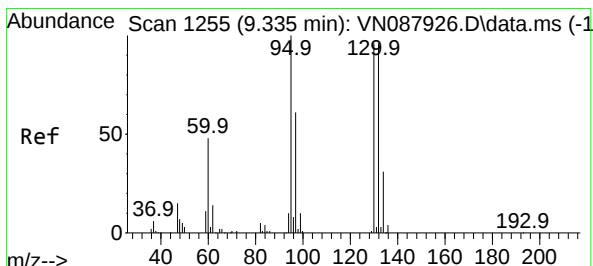
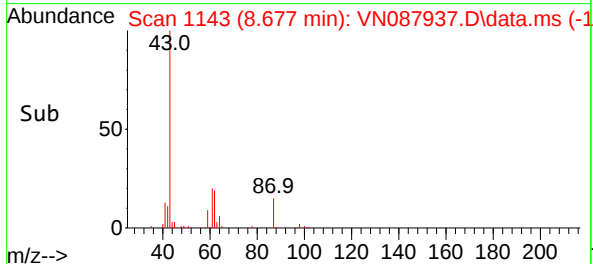
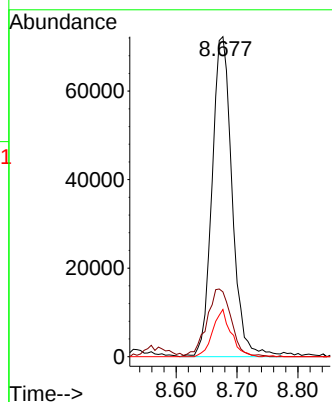


#43
Isopropyl Acetate
Concen: 21.352 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

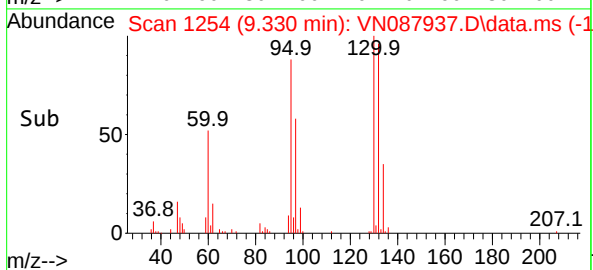
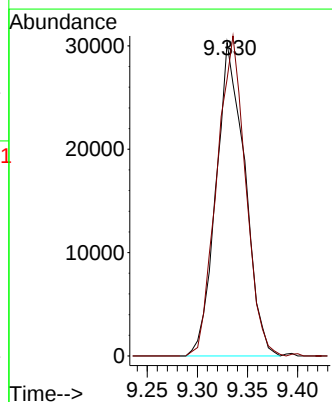
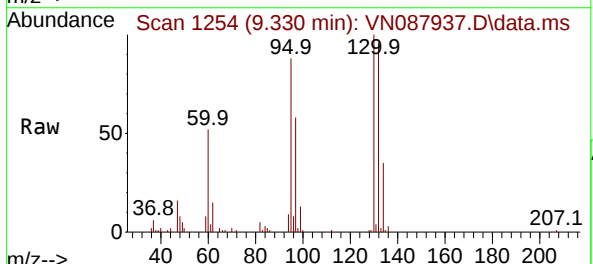


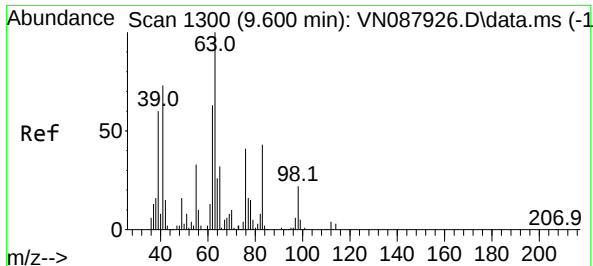
Tgt Ion: 43 Resp: 165674
Ion Ratio Lower Upper
43 100
61 25.6 20.2 30.2
87 13.4 10.9 16.3



#44
Trichloroethene
Concen: 20.315 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:130 Resp: 60312
Ion Ratio Lower Upper
130 100
95 88.3 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.879 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

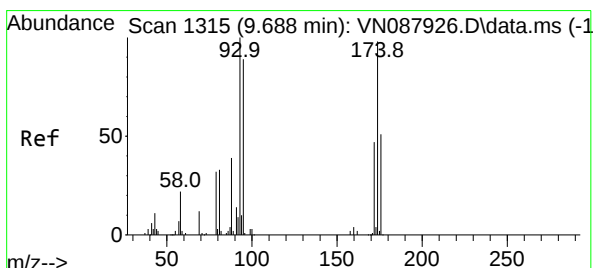
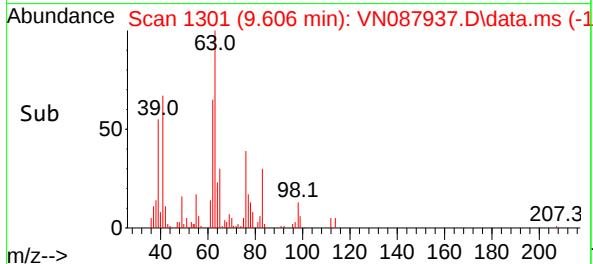
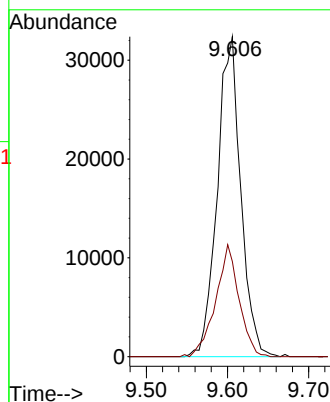
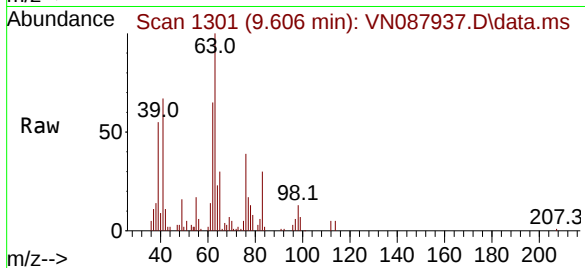
VN0924WBSD01

Tgt Ion: 63 Resp: 65071

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.0



#46

Dibromomethane

Concen: 21.355 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

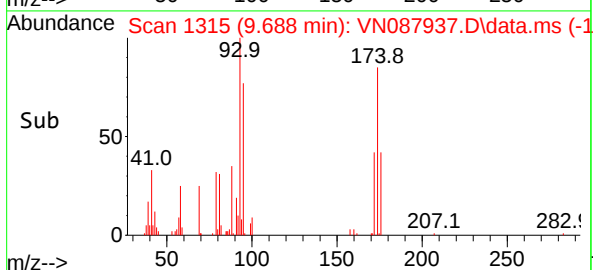
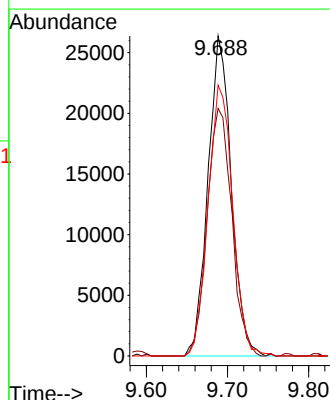
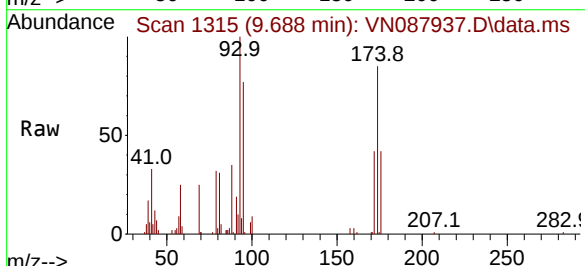
Tgt Ion: 93 Resp: 52518

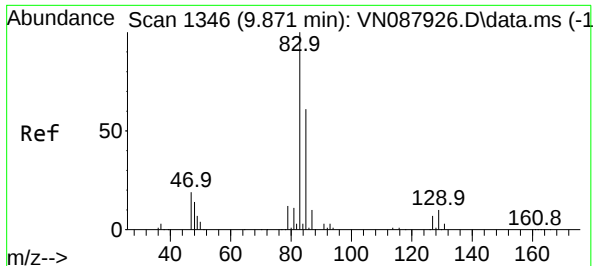
Ion Ratio Lower Upper

93 100

95 82.1 67.6 101.4

174 89.3 75.4 113.0

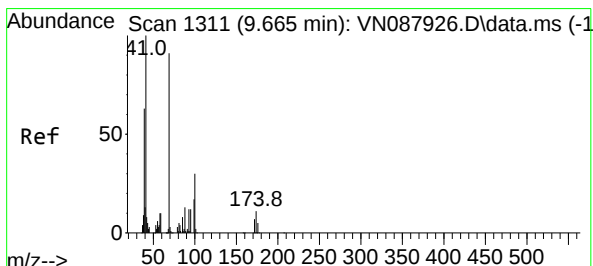
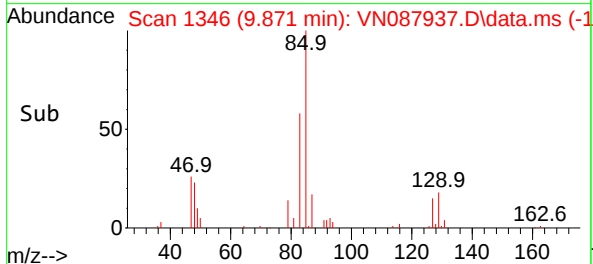
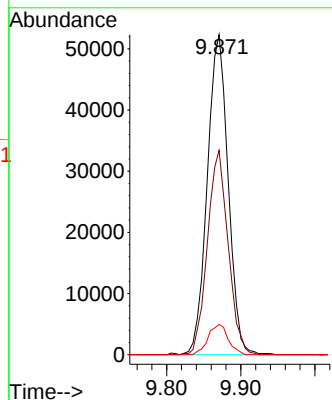
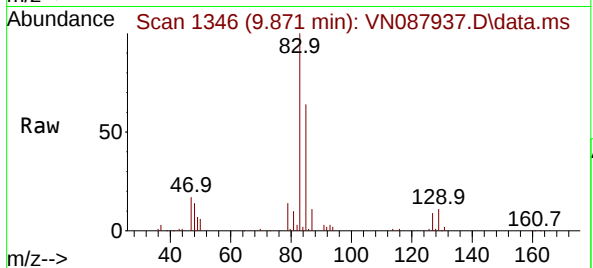




#47
Bromodichloromethane
Concen: 21.190 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

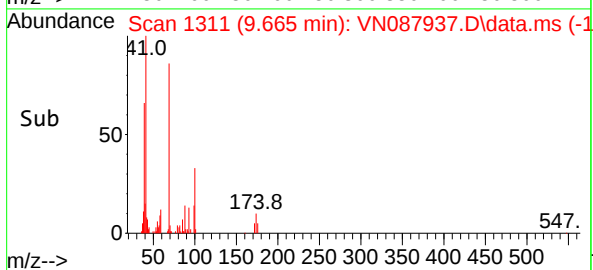
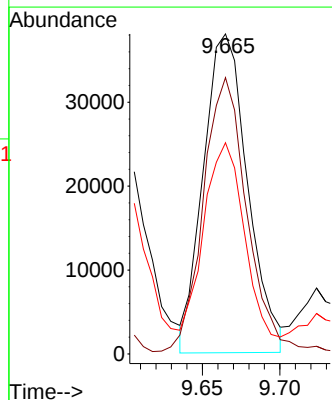
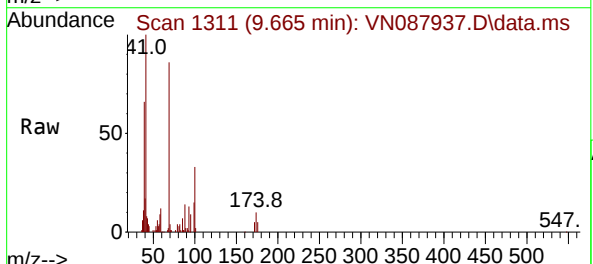
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tgt Ion: 83 Resp: 102212
Ion Ratio Lower Upper
83 100
85 63.9 49.1 73.7
127 9.4 5.9 8.9#



#48
Methyl methacrylate
Concen: 20.995 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 41 Resp: 75440
Ion Ratio Lower Upper
41 100
69 85.3 70.9 106.3
39 63.0 52.9 79.3





#49

1,4-Dioxane

Concen: 436.205 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

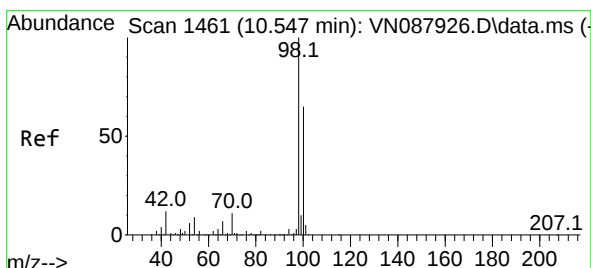
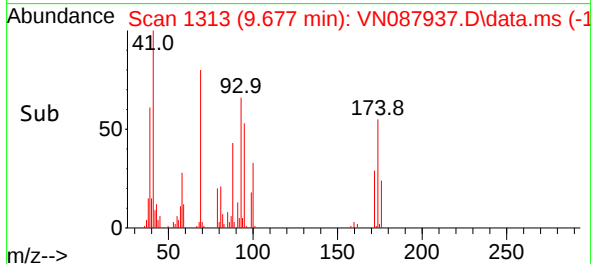
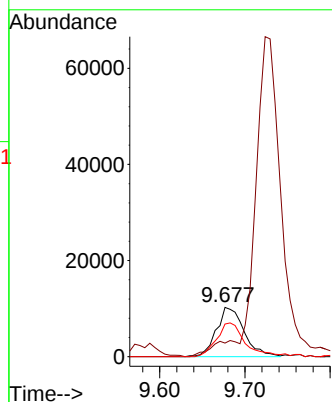
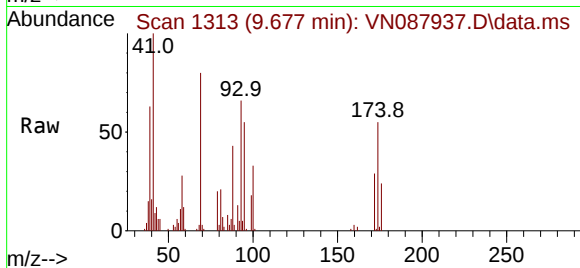
Tgt Ion: 88 Resp: 23155

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 72.8 57.4 86.2



#50

Toluene-d8

Concen: 49.949 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087937.D

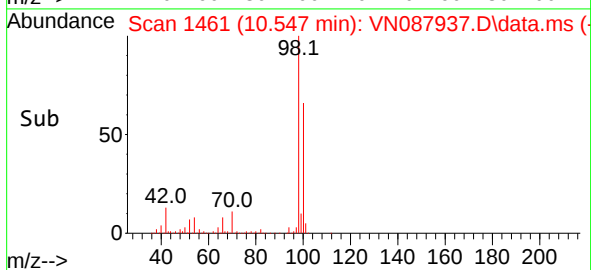
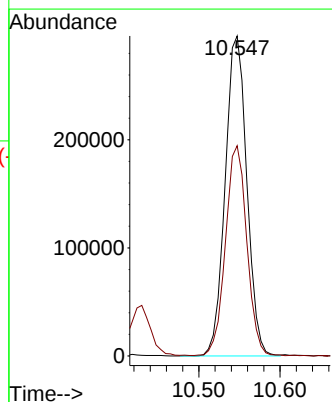
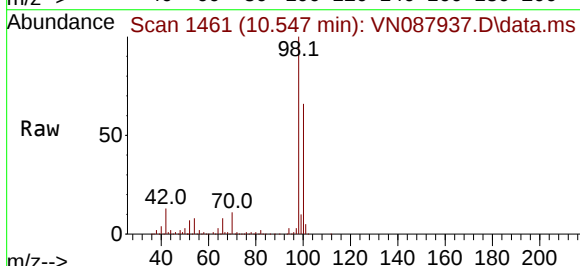
Acq: 24 Sep 2025 10:42

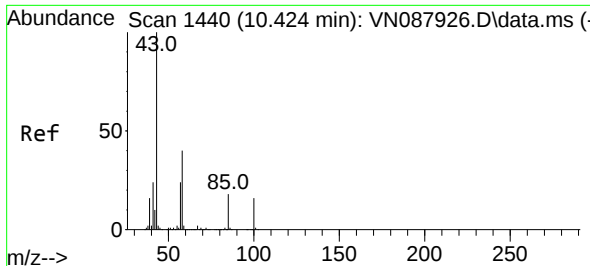
Tgt Ion: 98 Resp: 548350

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

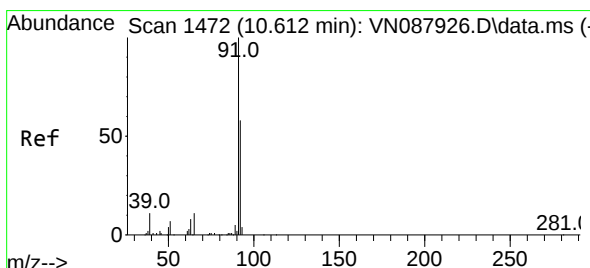
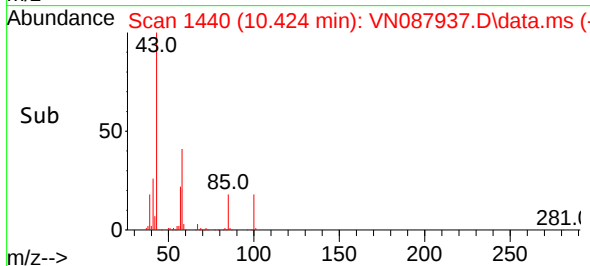
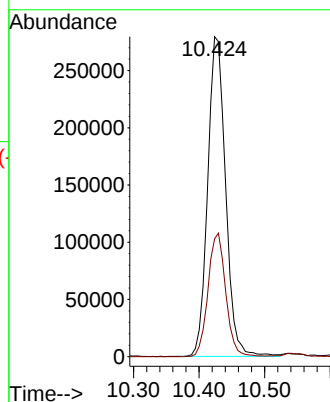
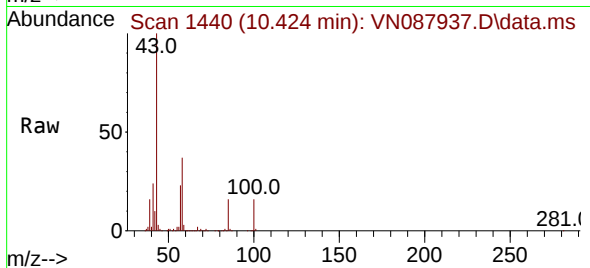




#51
4-Methyl-2-Pentanone
Concen: 109.679 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

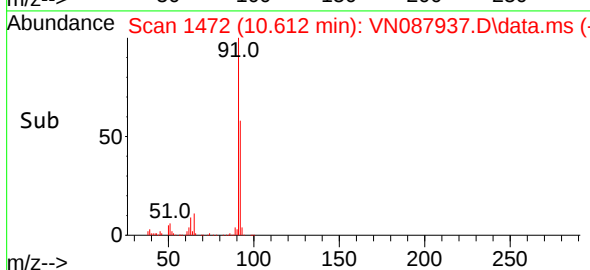
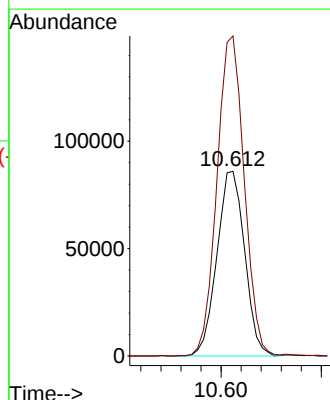
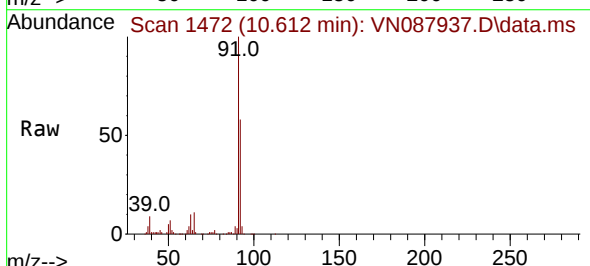
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

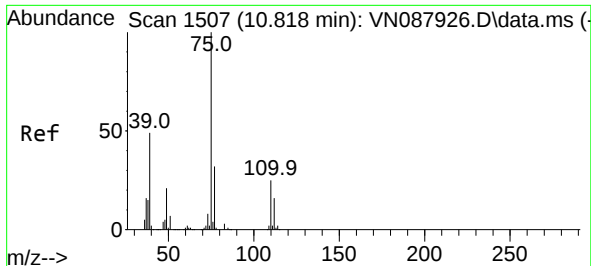
Tgt Ion: 43 Resp: 531034
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.6



#52
Toluene
Concen: 21.119 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 92 Resp: 164722
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2

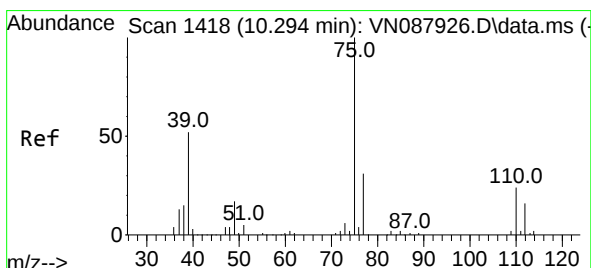
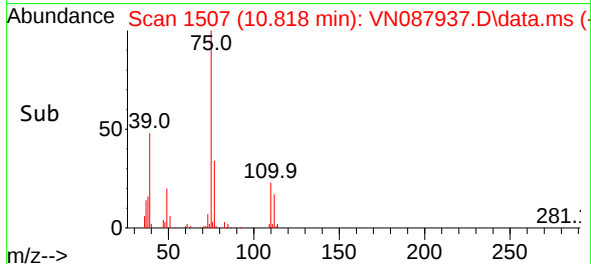
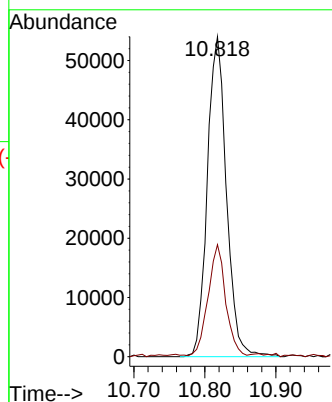
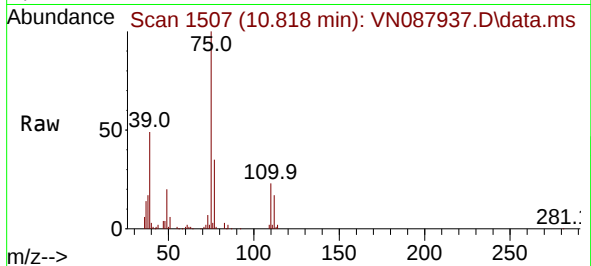




#53
t-1,3-Dichloropropene
Concen: 20.464 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

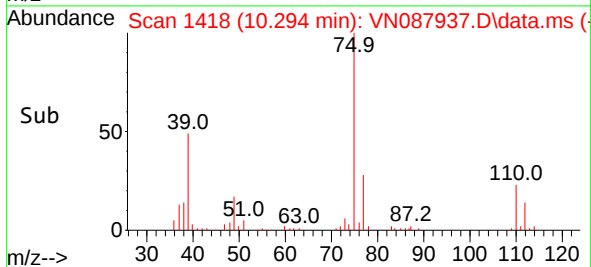
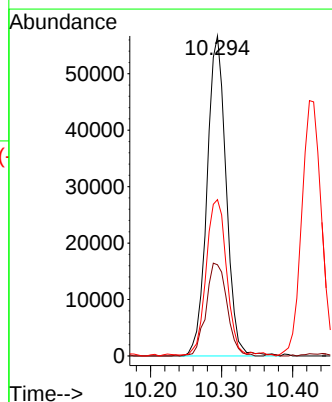
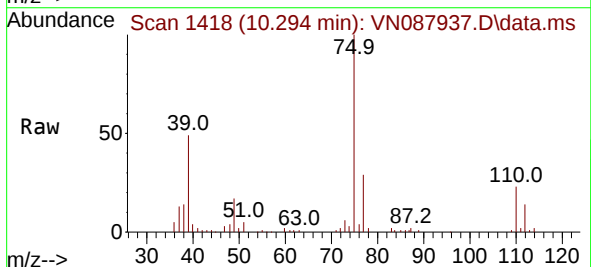
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

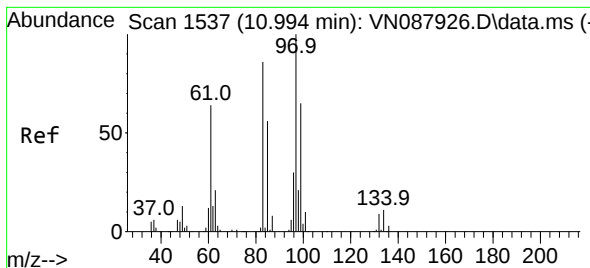
Tgt Ion: 75 Resp: 101025
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.668 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 75 Resp: 105969
Ion Ratio Lower Upper
75 100
77 28.5 24.7 37.1
39 48.5 41.4 62.0

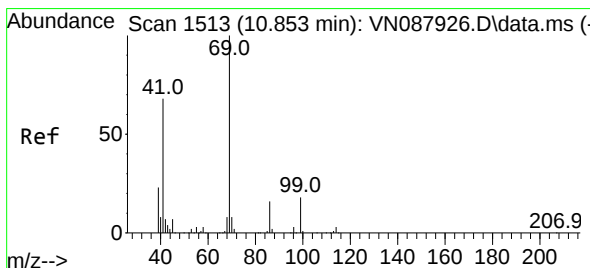
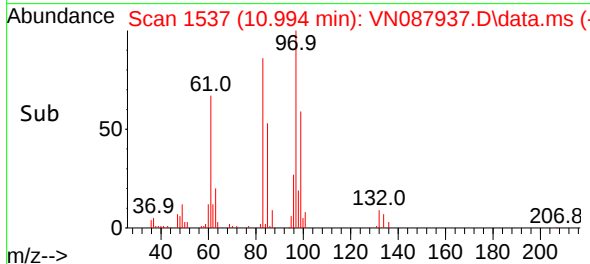
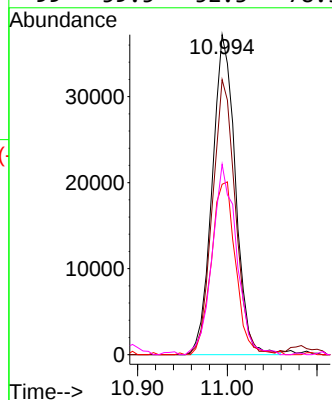
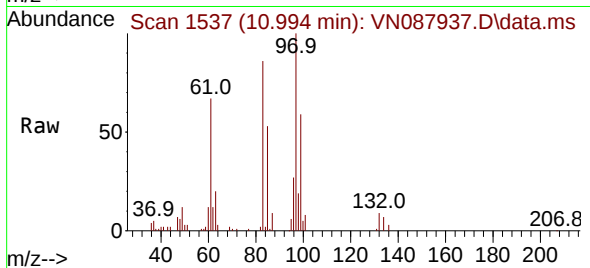




#55
1,1,2-Trichloroethane
Concen: 21.052 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

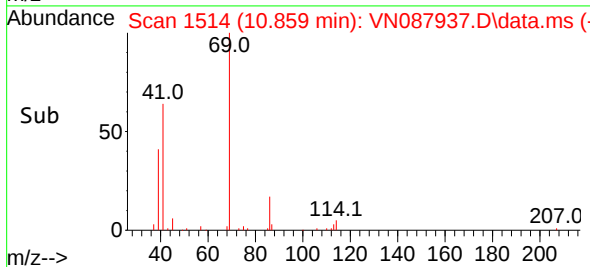
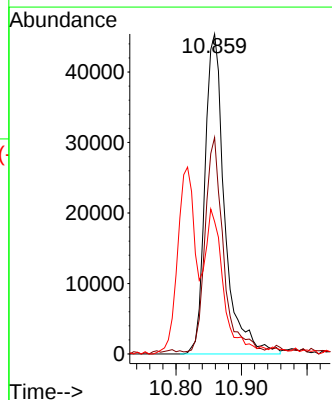
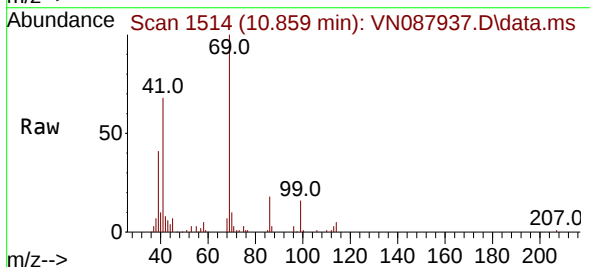
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

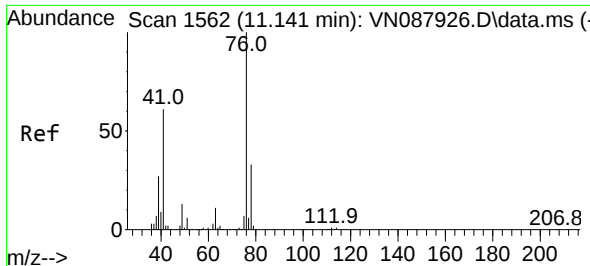
Tgt Ion:	97	Resp:	66763
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.4
85	52.7	44.4	66.6
99	59.5	52.3	78.5



#56
Ethyl methacrylate
Concen: 20.746 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:	69	Resp:	95065
Ion	Ratio	Lower	Upper
69	100		
41	61.7	53.8	80.6
39	40.9	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.620 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

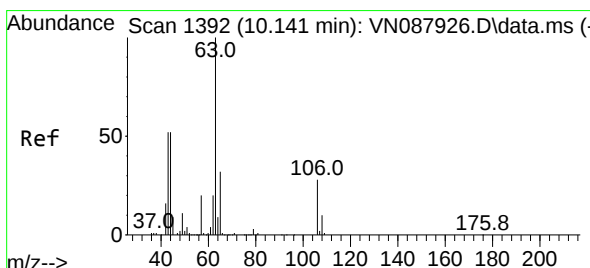
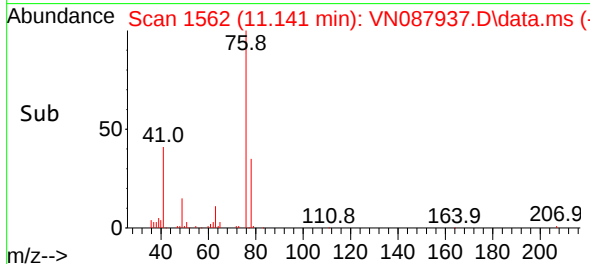
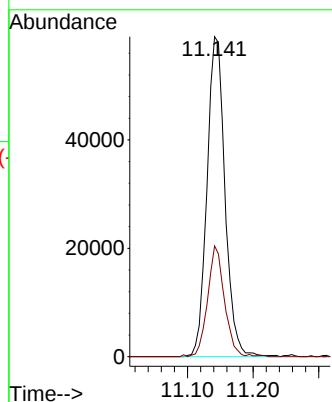
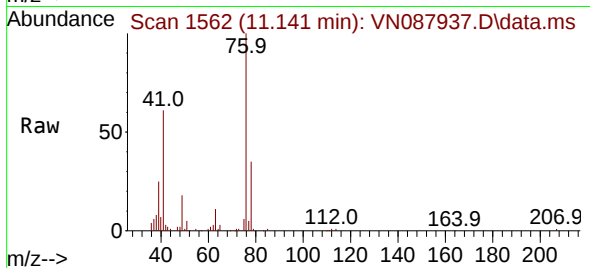
VN0924WBSD01

Tgt Ion: 76 Resp: 112773

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 118.229 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087937.D

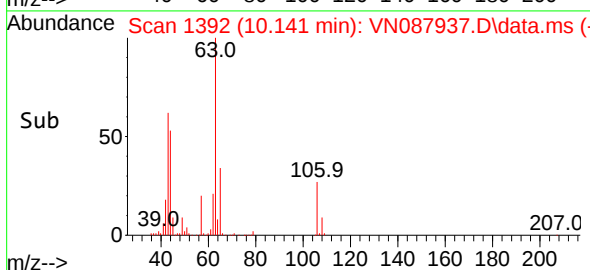
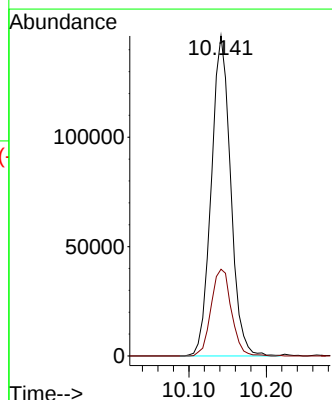
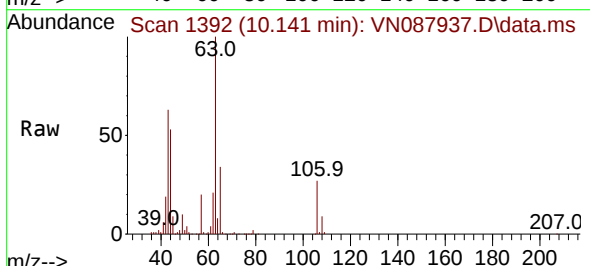
Acq: 24 Sep 2025 10:42

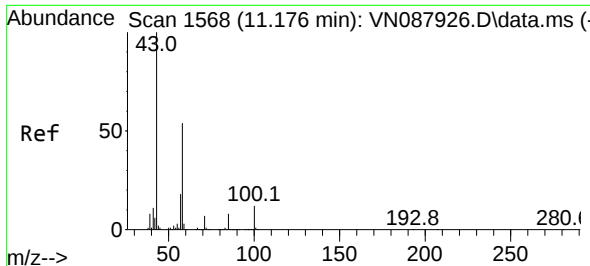
Tgt Ion: 63 Resp: 254732

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8

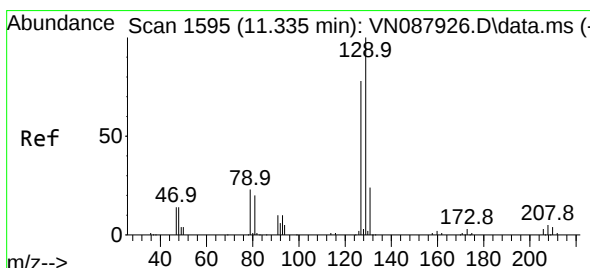
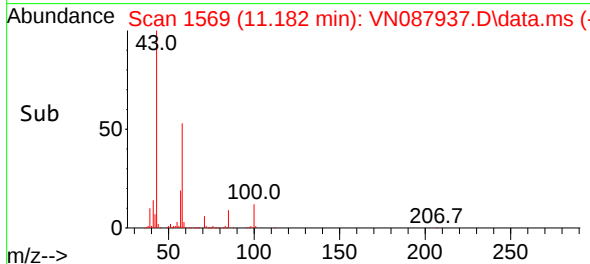
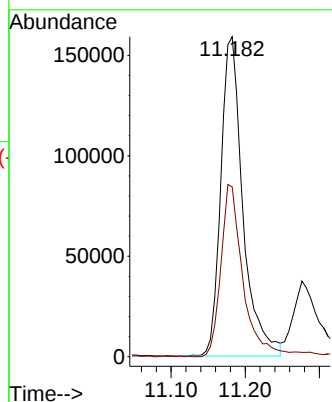
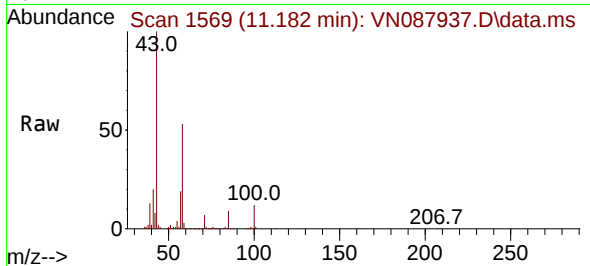




#59
2-Hexanone
Concen: 102.579 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

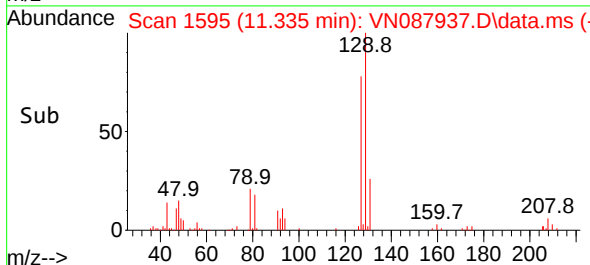
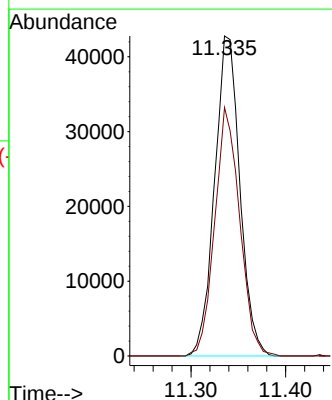
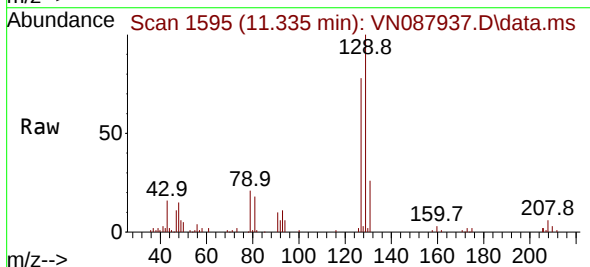
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

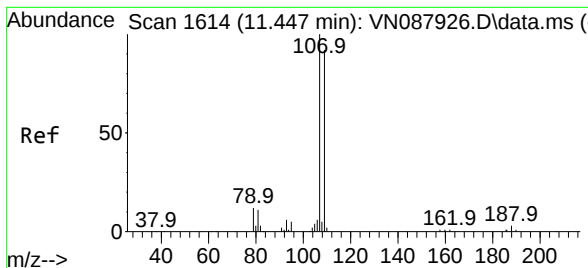
Tgt Ion: 43 Resp: 328401
Ion Ratio Lower Upper
43 100
58 55.2 26.4 79.2



#60
Dibromochloromethane
Concen: 21.275 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:129 Resp: 79328
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9

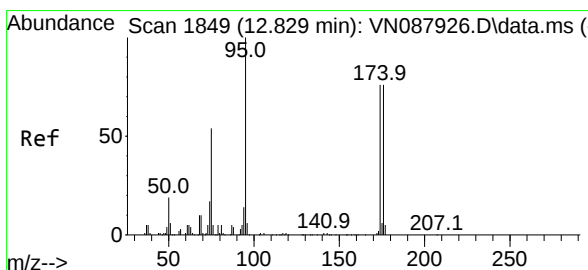
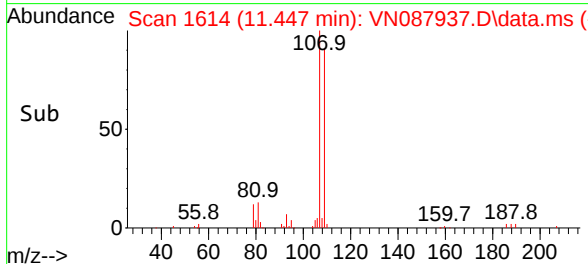
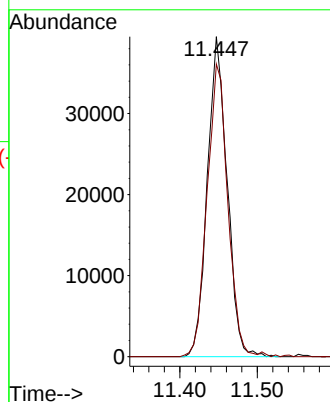
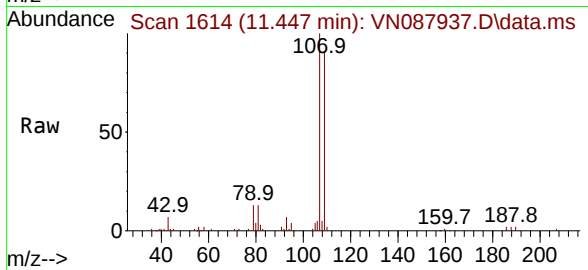




#61
1,2-Dibromoethane
Concen: 20.894 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

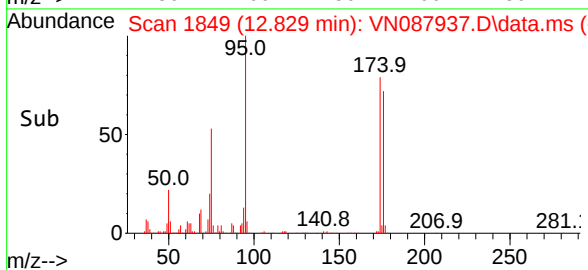
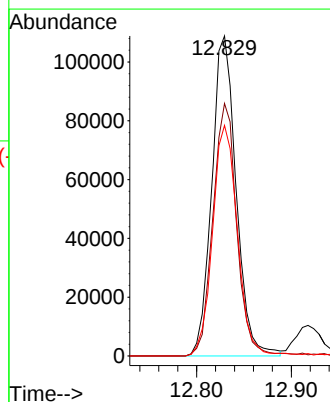
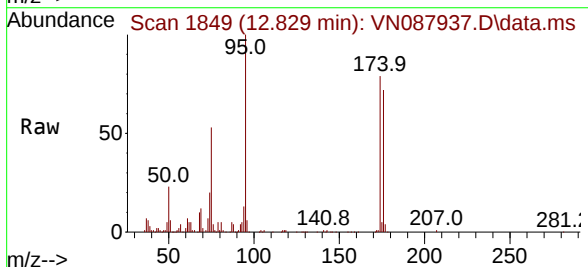
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

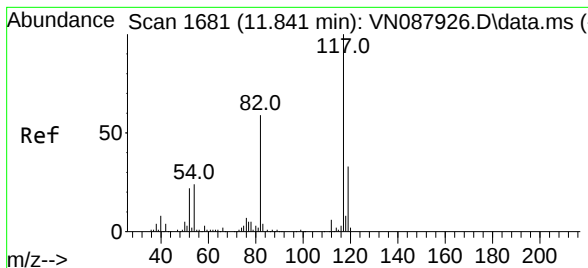
Tgt Ion:107 Resp: 70149
Ion Ratio Lower Upper
107 100
109 95.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.617 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 95 Resp: 194705
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 73.6 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

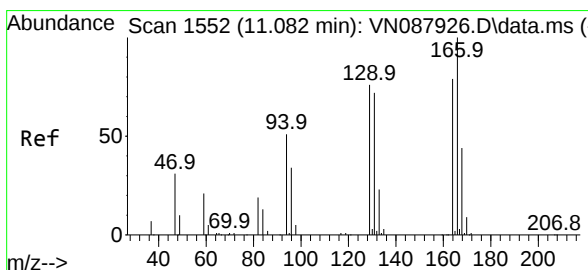
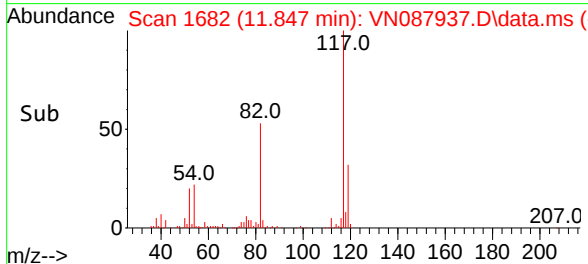
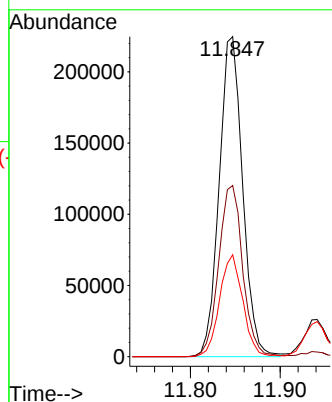
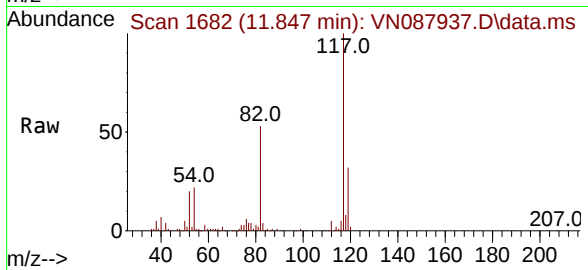
Tgt Ion:117 Resp: 407713

Ion Ratio Lower Upper

117 100

82 53.5 47.0 70.4

119 31.8 26.1 39.1



#64

Tetrachloroethene

Concen: 20.611 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Tgt Ion:164 Resp: 51188

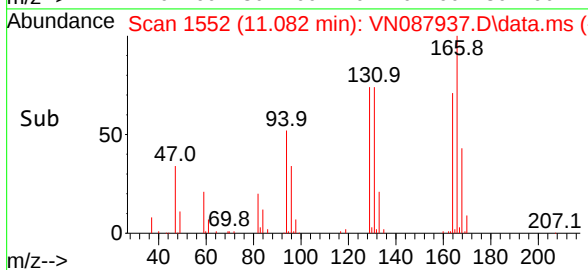
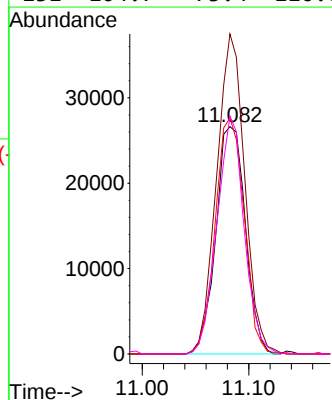
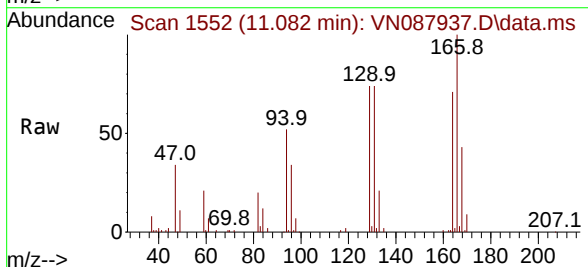
Ion Ratio Lower Upper

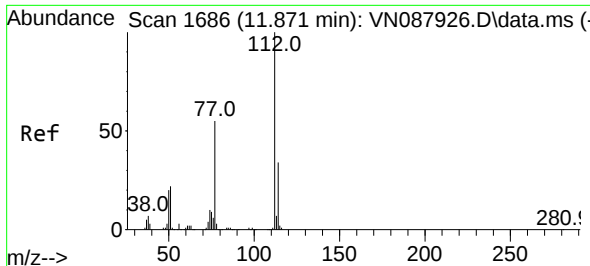
164 100

166 140.8 101.6 152.4

129 103.8 77.5 116.3

131 104.7 73.4 110.0

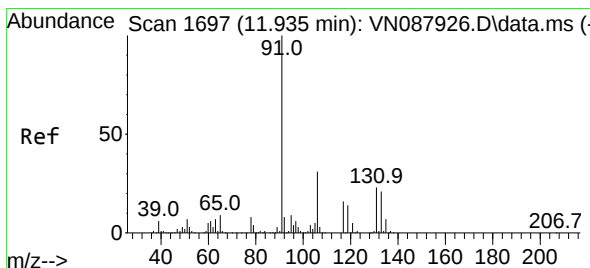
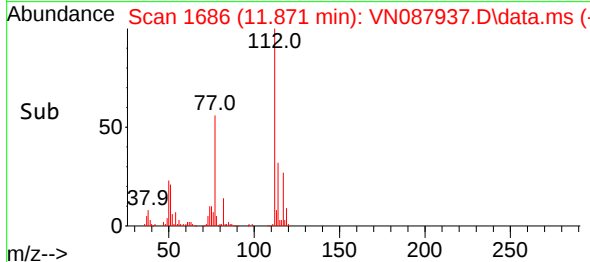
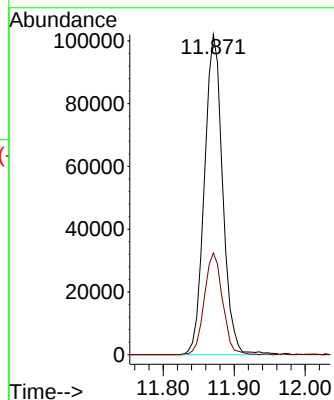
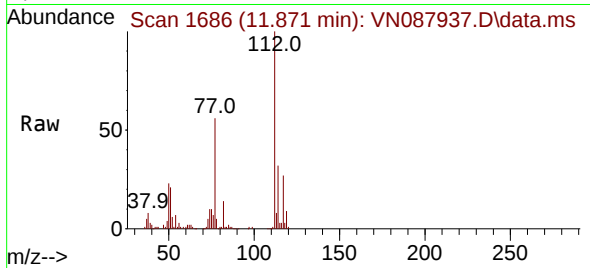




#65
Chlorobenzene
Concen: 21.012 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

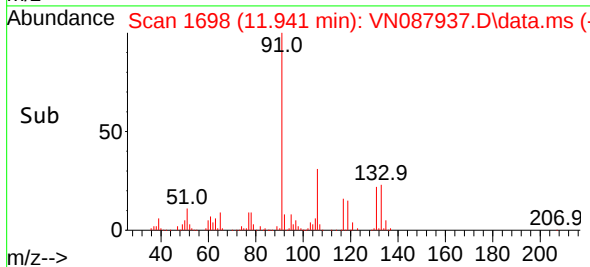
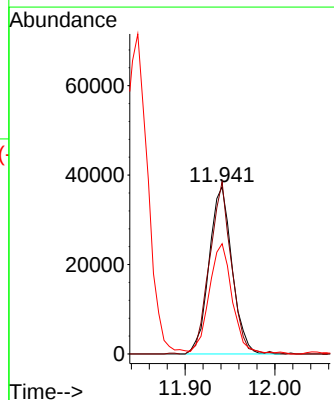
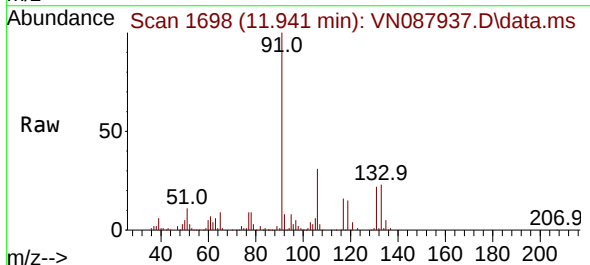
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

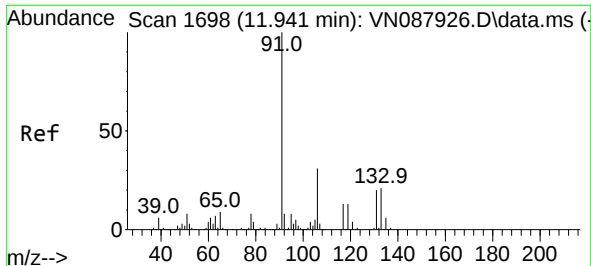
Tgt Ion:112 Resp: 182308
Ion Ratio Lower Upper
112 100
114 31.8 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.254 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:131 Resp: 66500
Ion Ratio Lower Upper
131 100
133 97.4 48.4 145.0
119 64.6 31.9 95.5





#67

Ethyl Benzene

Concen: 20.560 ug/l

RT: 11.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

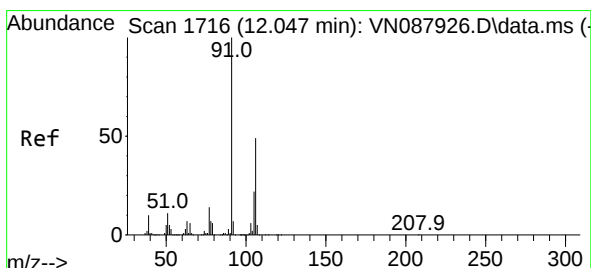
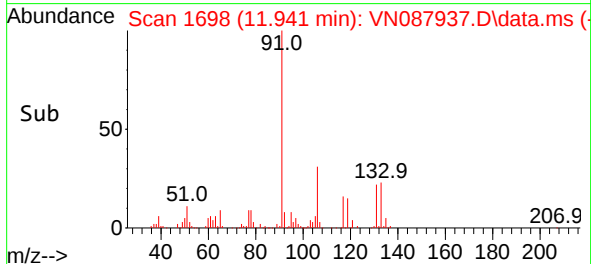
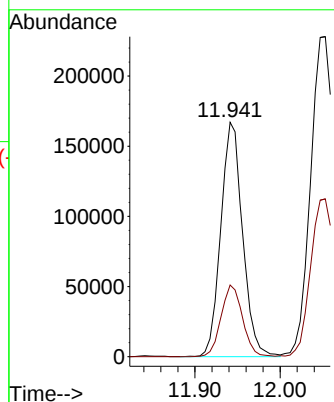
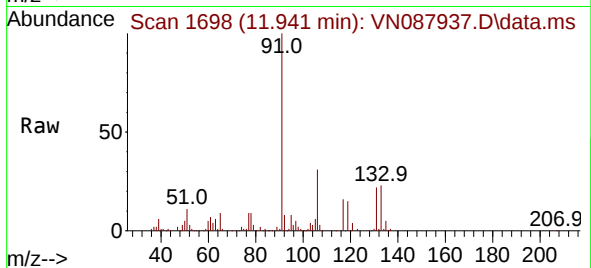
VN0924WBSD01

Tgt Ion: 91 Resp: 297658

Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8



#68

m/p-Xylenes

Concen: 41.808 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN087937.D

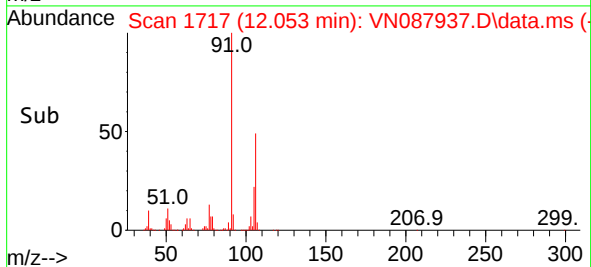
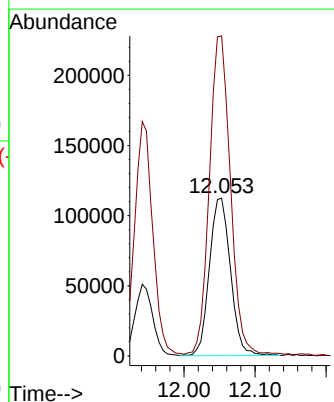
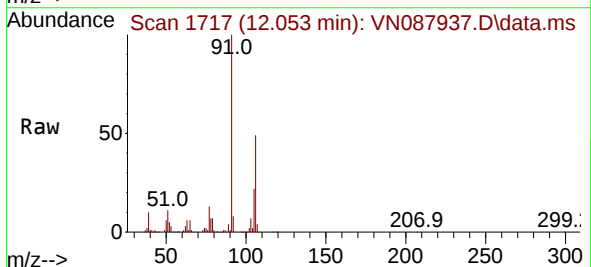
Acq: 24 Sep 2025 10:42

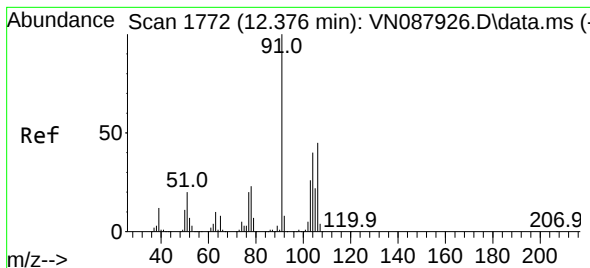
Tgt Ion: 106 Resp: 231489

Ion Ratio Lower Upper

106 100

91 202.7 162.9 244.3

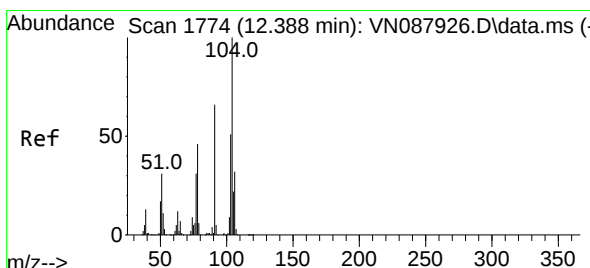
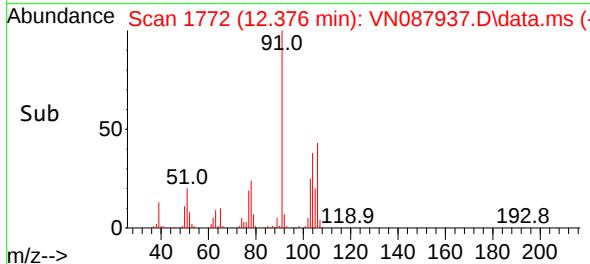
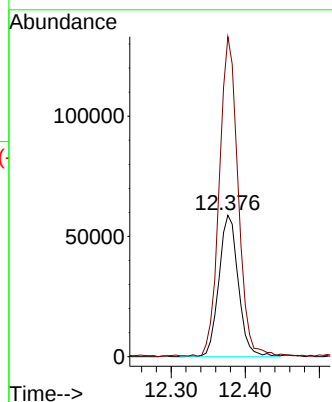
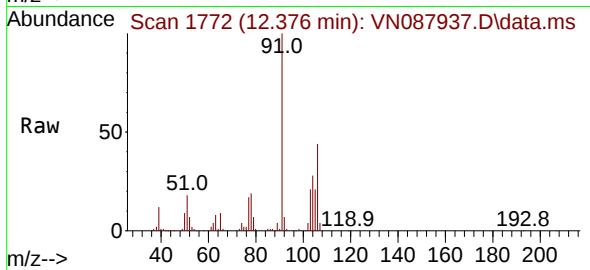




#69
o-Xylene
Concen: 20.112 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

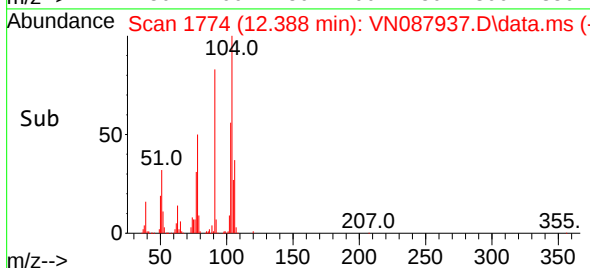
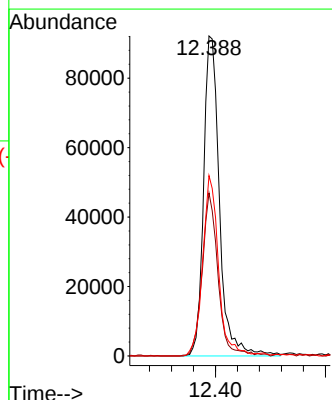
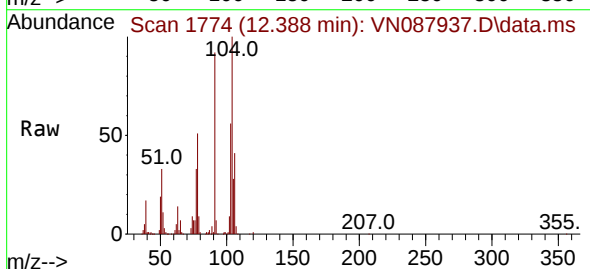
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

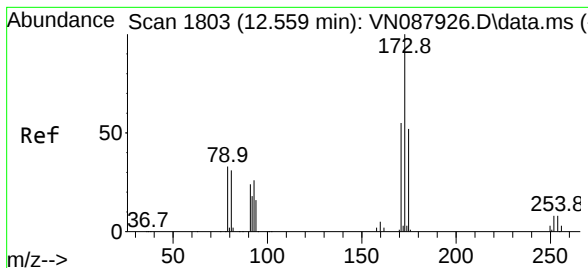
Tgt Ion:106 Resp: 106989
Ion Ratio Lower Upper
106 100
91 218.3 108.2 324.6



#70
Styrene
Concen: 20.208 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:104 Resp: 184624
Ion Ratio Lower Upper
104 100
78 50.9 39.7 59.5
103 56.3 44.6 67.0





#71

Bromoform

Concen: 21.026 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

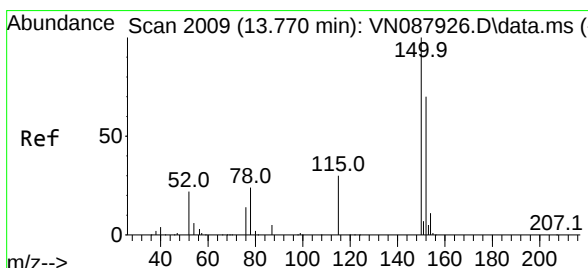
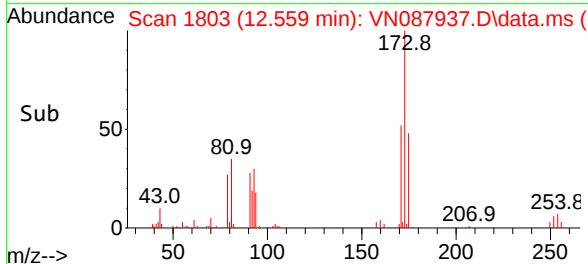
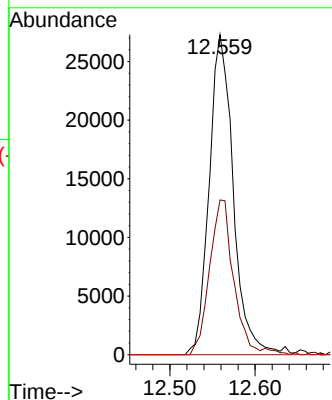
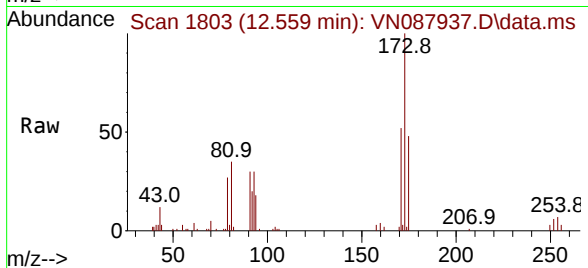
Tgt Ion:173 Resp: 53373

Ion Ratio Lower Upper

173 100

175 48.9 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: VN087937.D

Acq: 24 Sep 2025 10:42

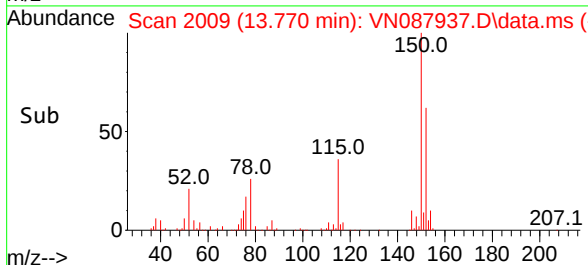
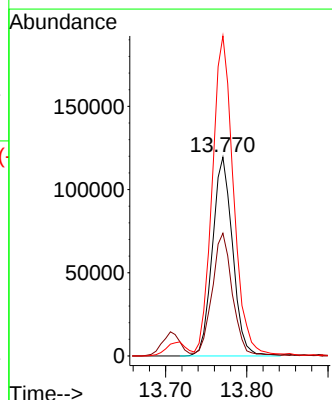
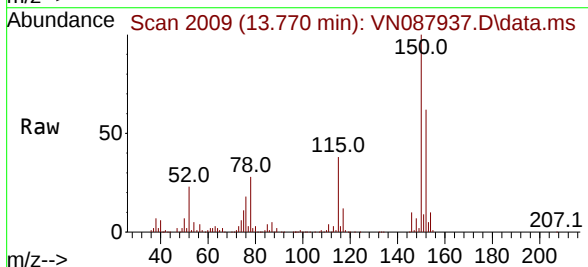
Tgt Ion:152 Resp: 206436

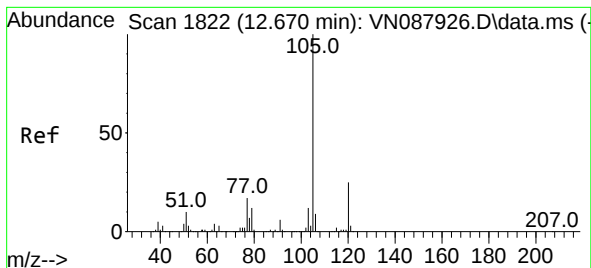
Ion Ratio Lower Upper

152 100

115 61.6 29.9 89.7

150 169.0 0.0 335.0





#73

Isopropylbenzene

Concen: 22.203 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

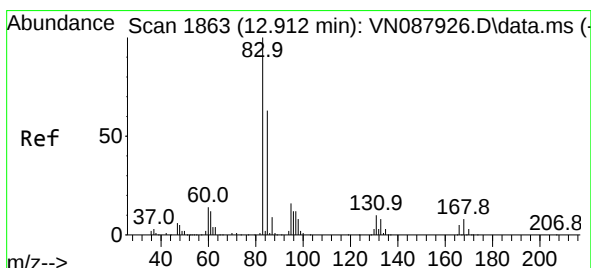
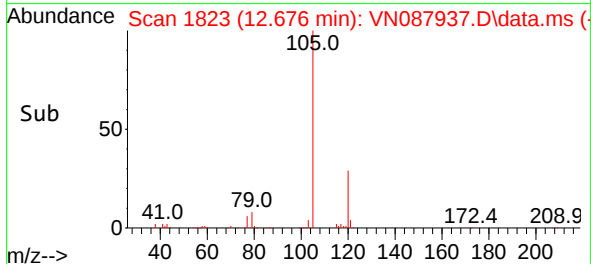
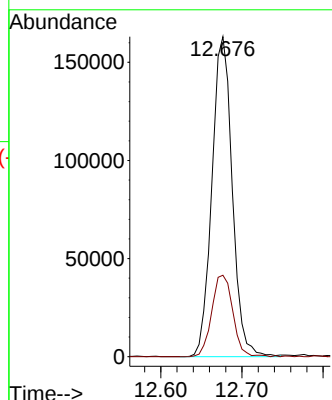
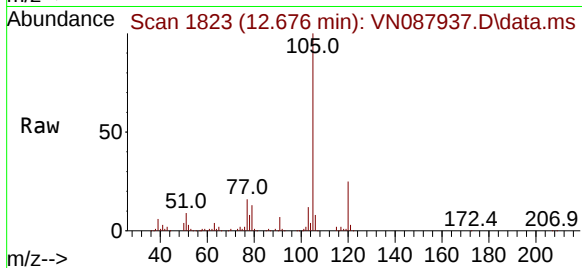
VN0924WBSD01

Tgt Ion:105 Resp: 284074

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#75

1,1,2,2-Tetrachloroethane

Concen: 23.226 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

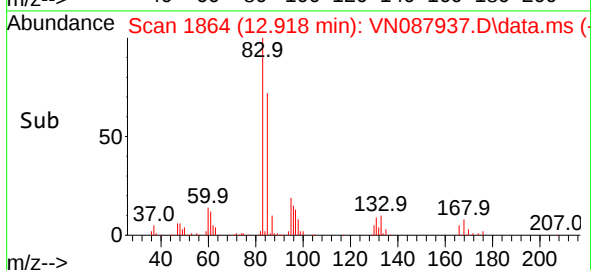
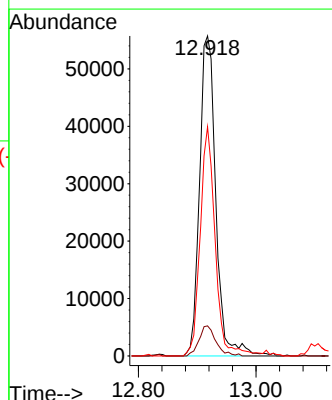
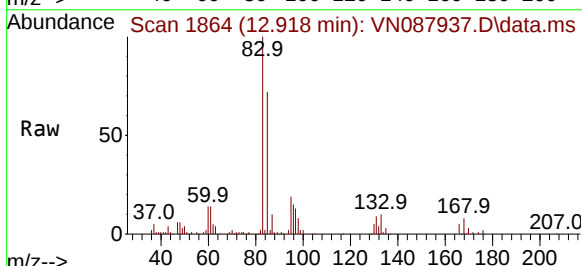
Tgt Ion: 83 Resp: 107070

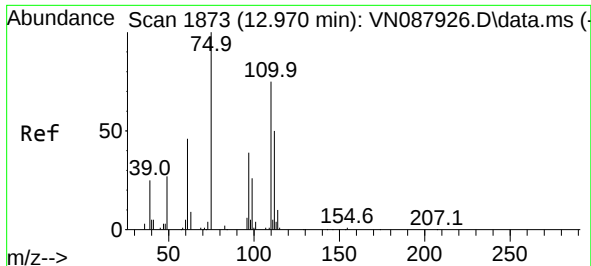
Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

85 65.9 32.4 97.0

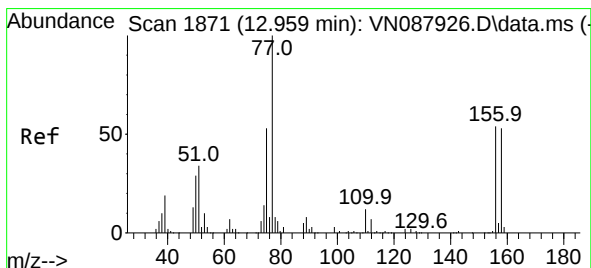
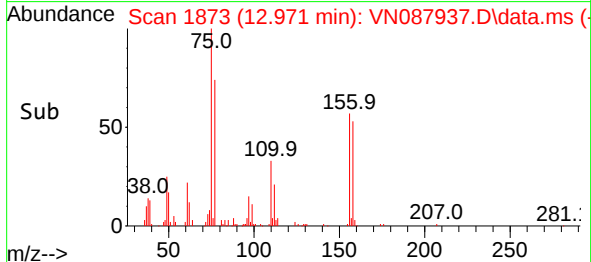
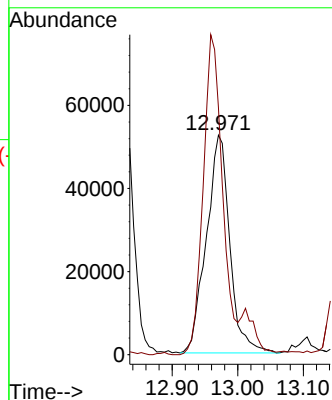
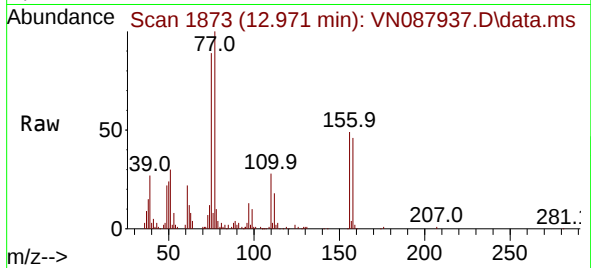




#76
1,2,3-Trichloropropane
Concen: 32.022 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

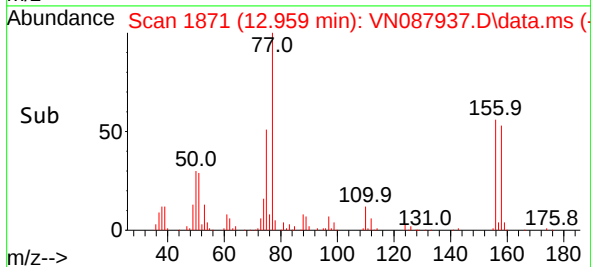
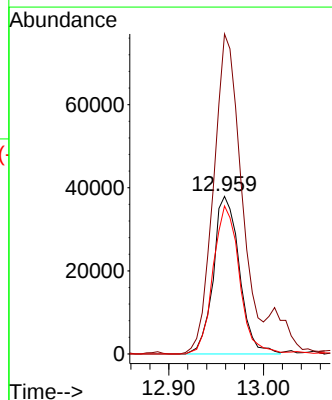
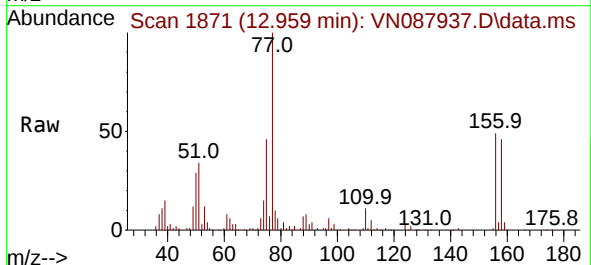
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

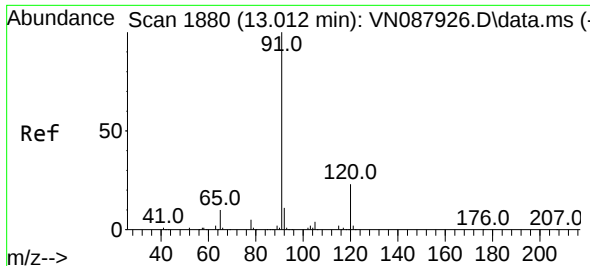
Tgt Ion: 75 Resp: 130308
Ion Ratio Lower Upper
75 100
77 120.9 89.5 268.5



#77
Bromobenzene
Concen: 21.274 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 156 Resp: 72420
Ion Ratio Lower Upper
156 100
77 217.5 108.2 324.6
158 94.9 49.6 149.0

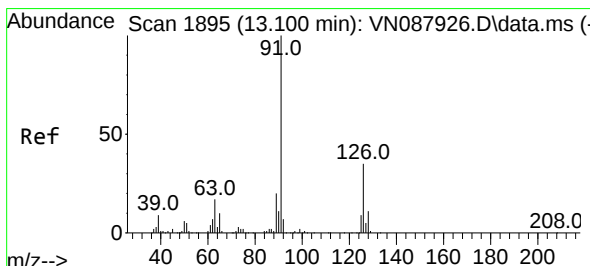
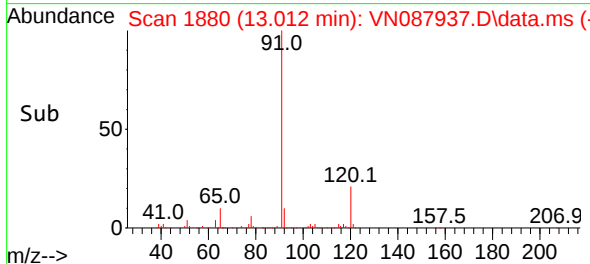
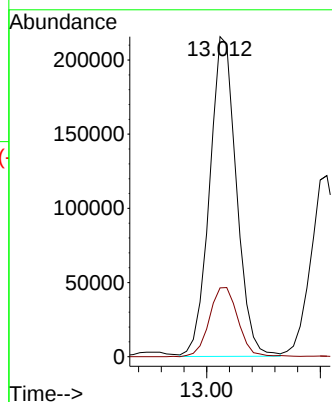
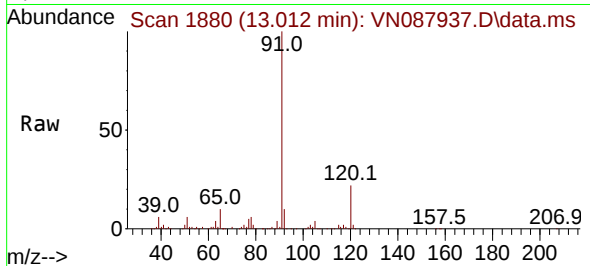




#78
n-propylbenzene
Concen: 22.135 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

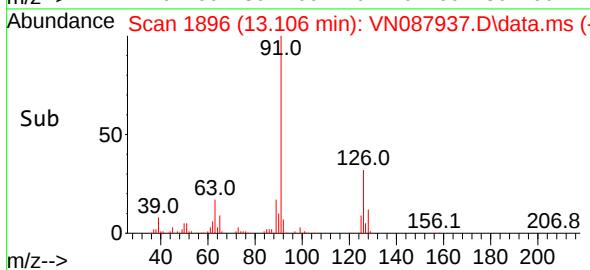
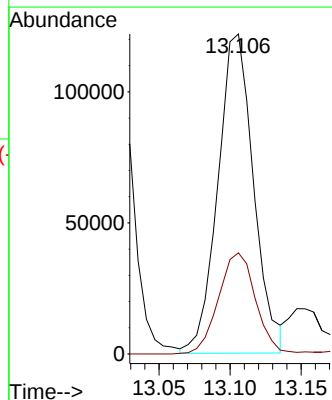
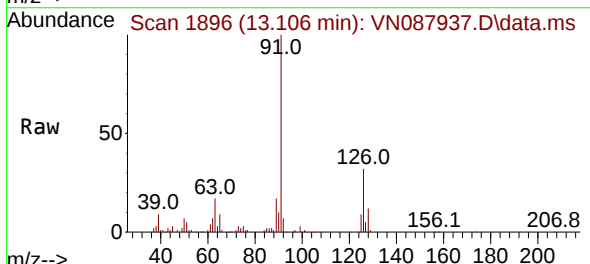
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

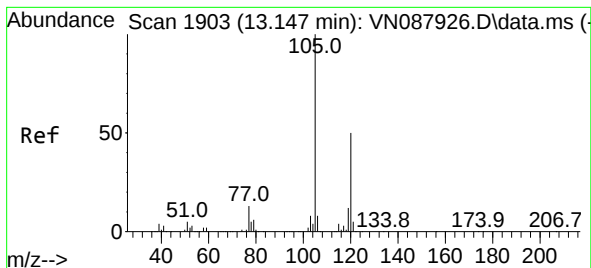
Tgt Ion: 91 Resp: 354084
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 21.879 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 91 Resp: 213097
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.8





#80

1,3,5-Trimethylbenzene

Concen: 21.737 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

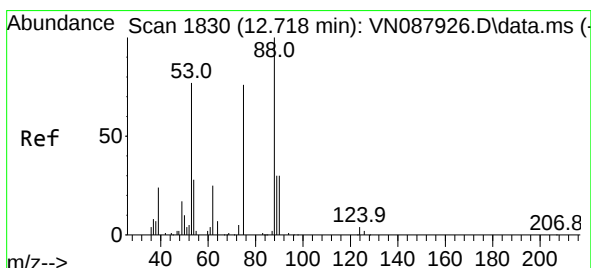
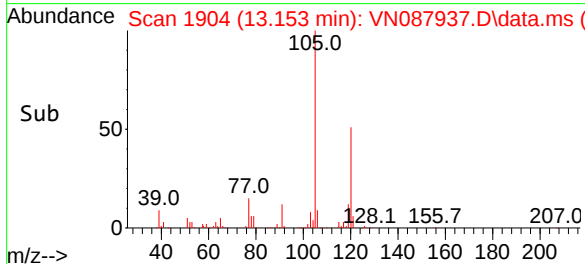
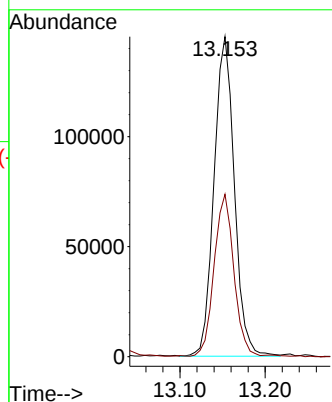
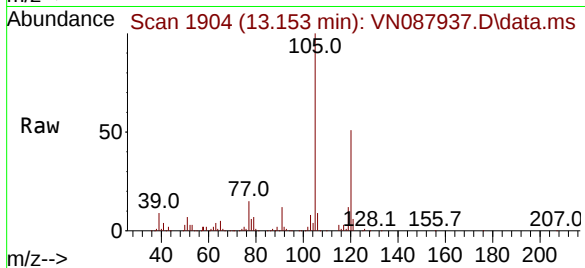
VN0924WBSD01

Tgt Ion:105 Resp: 240559

Ion Ratio Lower Upper

105 100

120 49.1 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 24.483 ug/l

RT: 12.724 min Scan# 1831

Delta R.T. 0.006 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

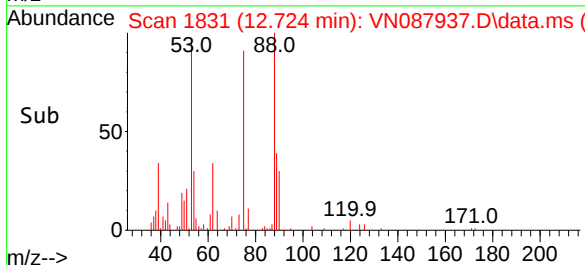
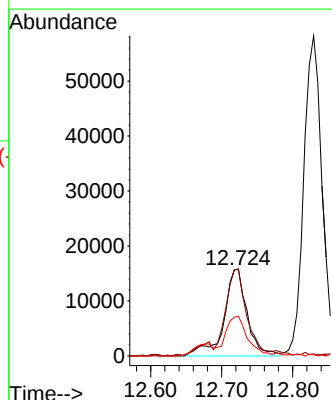
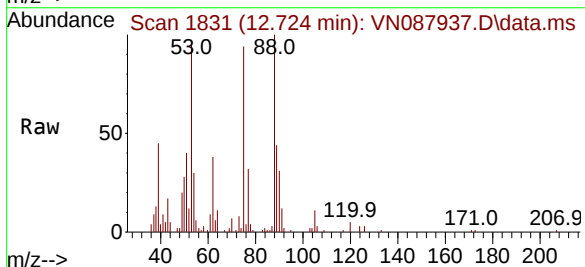
Tgt Ion: 75 Resp: 35878

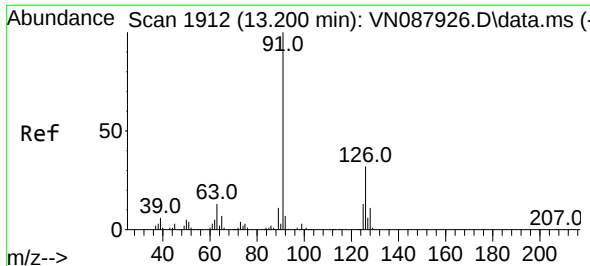
Ion Ratio Lower Upper

75 100

53 91.0 82.0 123.0

89 44.5 36.1 54.1

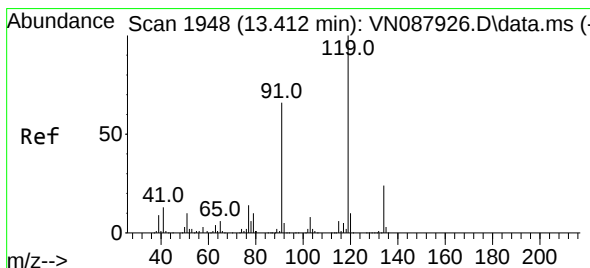
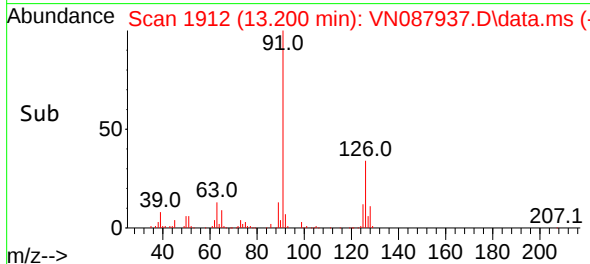
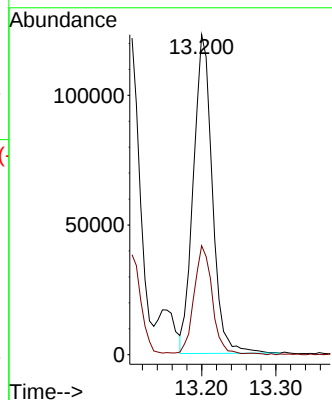
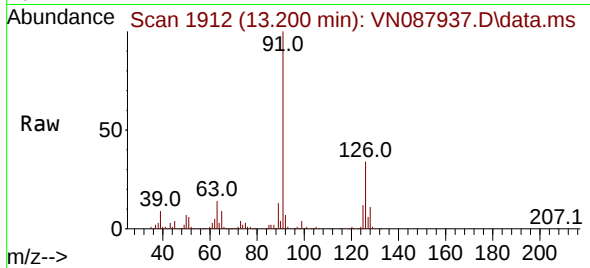




#82
4-Chlorotoluene
Concen: 22.203 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

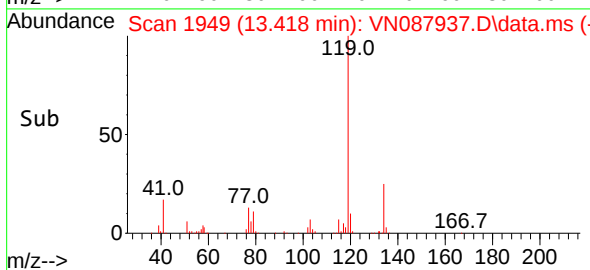
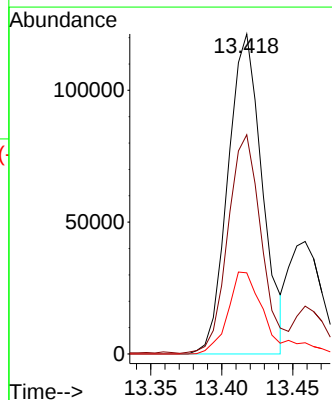
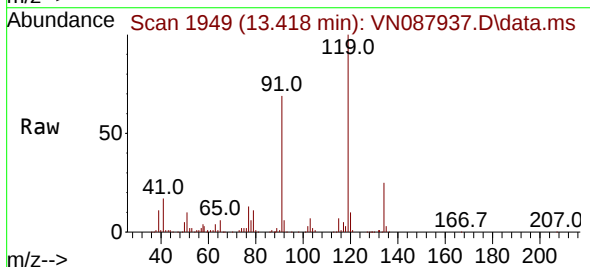
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

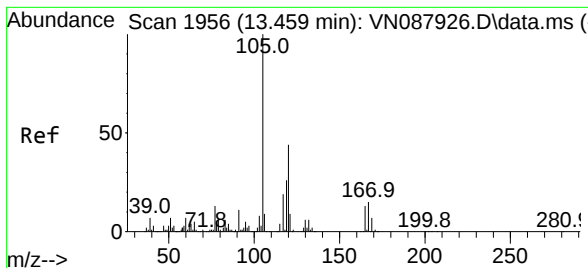
Tgt Ion: 91 Resp: 217905
Ion Ratio Lower Upper
91 100
126 32.1 16.9 50.6



#83
tert-Butylbenzene
Concen: 21.750 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 119 Resp: 203733
Ion Ratio Lower Upper
119 100
91 67.3 32.1 96.3
134 28.5 12.3 36.8

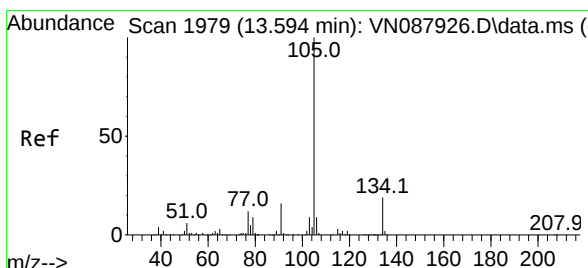
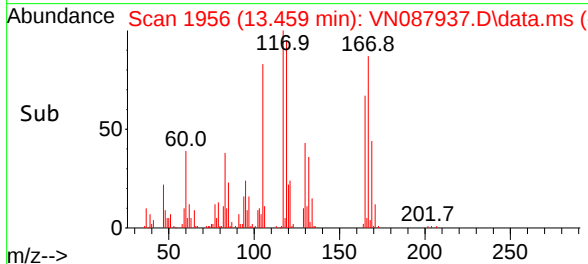
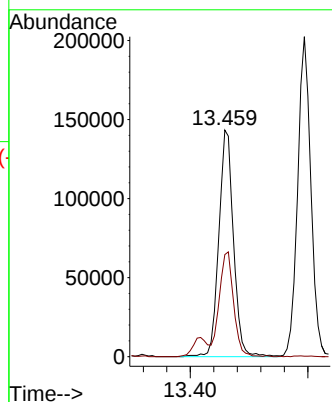
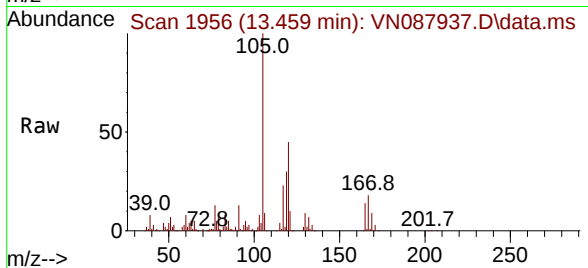




#84
1,2,4-Trimethylbenzene
Concen: 21.859 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

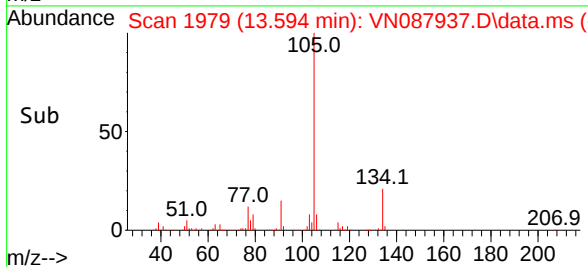
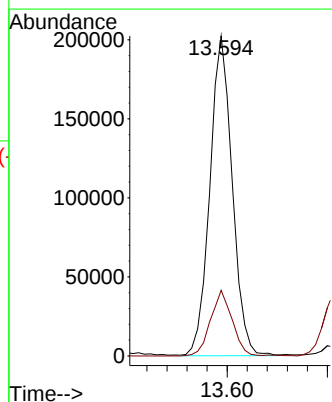
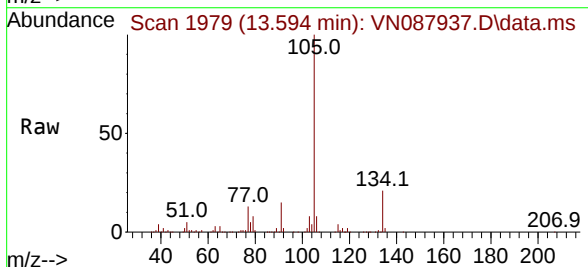
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

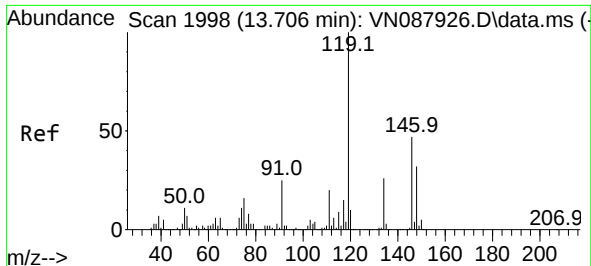
Tgt Ion:105 Resp: 248121
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 22.871 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:105 Resp: 314092
Ion Ratio Lower Upper
105 100
134 19.8 9.6 28.8

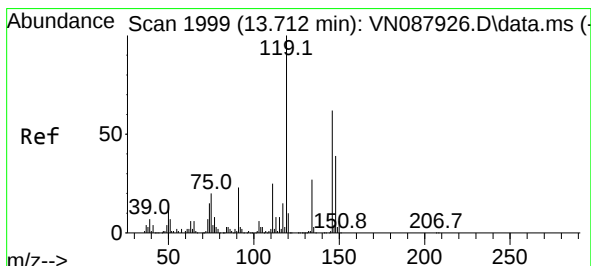
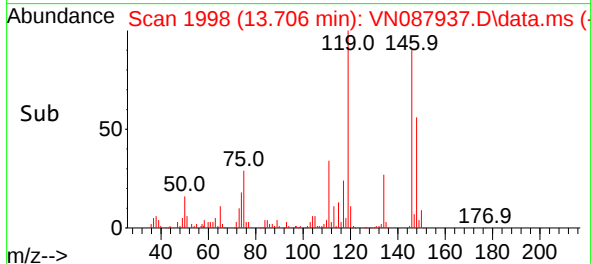
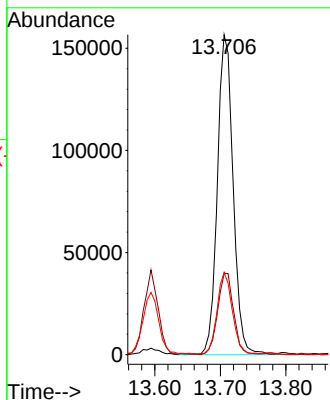
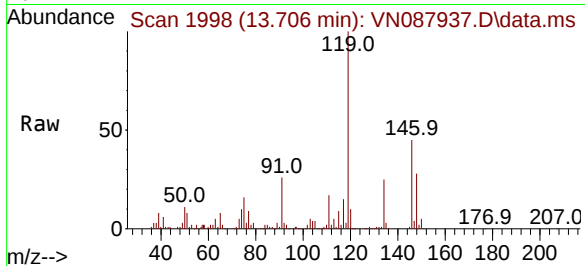




#86
p-Isopropyltoluene
Concen: 22.431 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

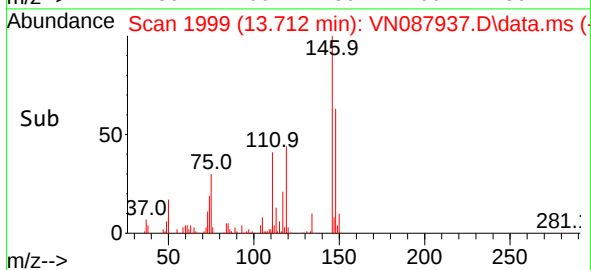
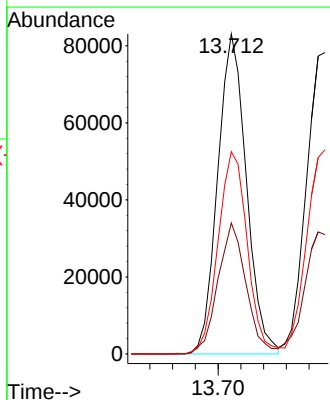
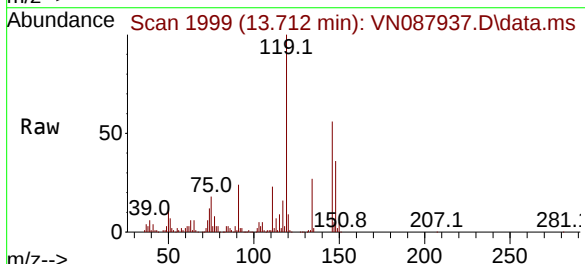
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

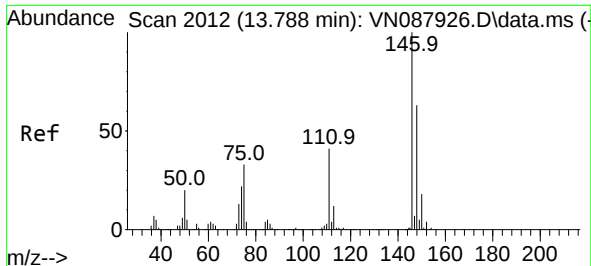
Tgt Ion:119 Resp: 260904
Ion Ratio Lower Upper
119 100
134 25.7 13.1 39.3
91 24.4 11.9 35.5



#87
1,3-Dichlorobenzene
Concen: 21.932 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion:146 Resp: 145692
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 64.8 32.4 97.2

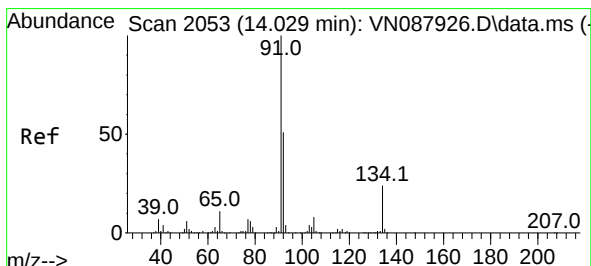
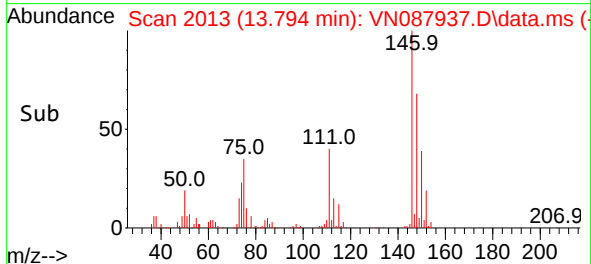
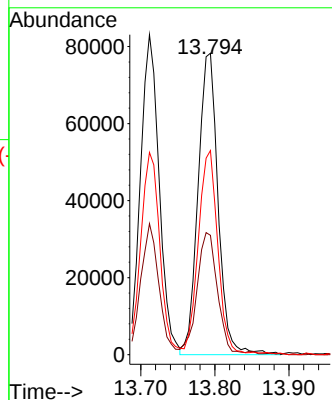
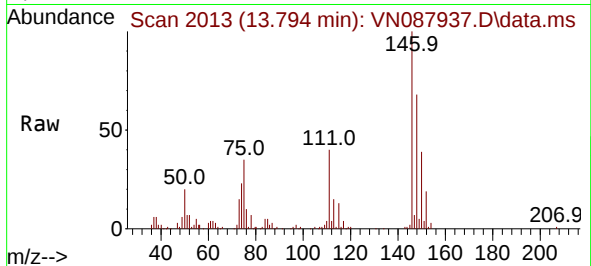




#88
1,4-Dichlorobenzene
Concen: 21.529 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

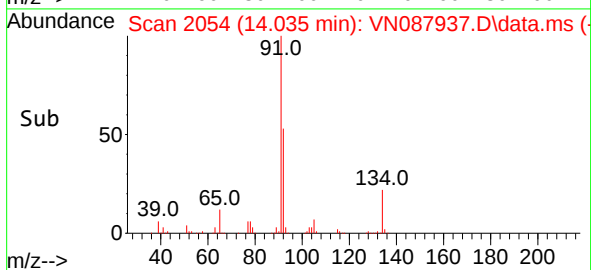
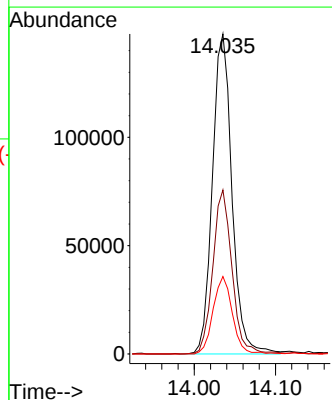
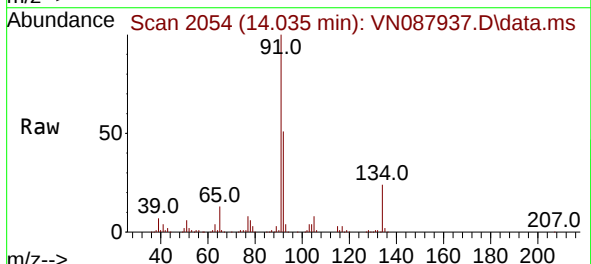
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

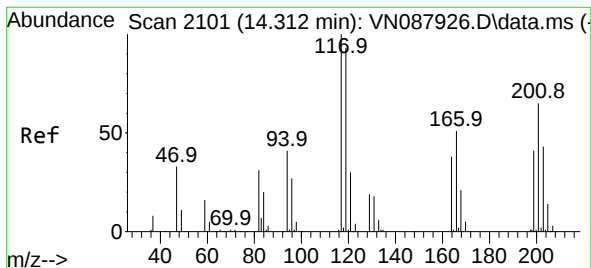
Tgt Ion:146 Resp: 146978
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 64.1 32.8 98.4



#89
n-Butylbenzene
Concen: 22.503 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

Tgt Ion: 91 Resp: 247364
Ion Ratio Lower Upper
91 100
92 50.3 25.9 77.8
134 23.9 12.6 37.8





#90

Hexachloroethane

Concen: 22.280 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

Instrument :

MSVOA_N

ClientSampleId :

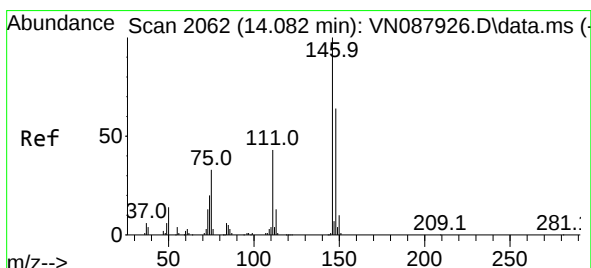
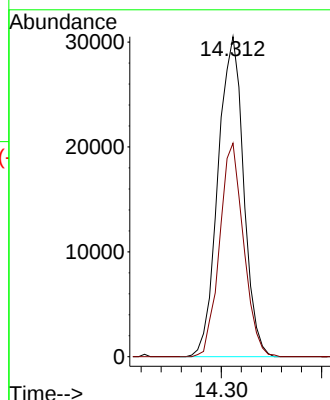
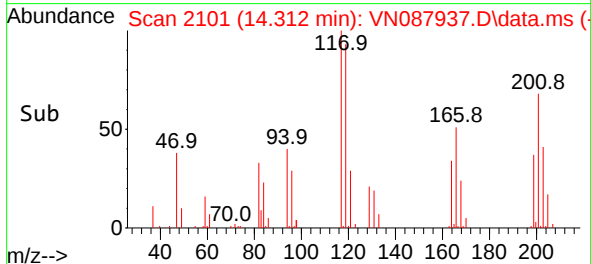
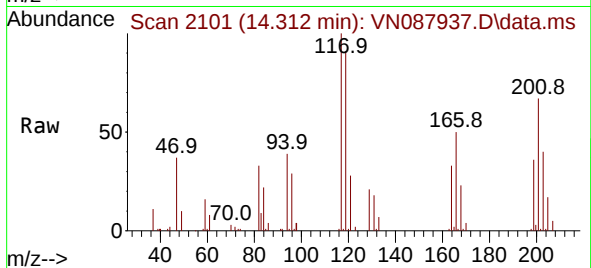
VN0924WBSD01

Tgt Ion:117 Resp: 54134

Ion Ratio Lower Upper

117 100

201 62.6 33.6 100.6



#91

1,2-Dichlorobenzene

Concen: 21.404 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087937.D

Acq: 24 Sep 2025 10:42

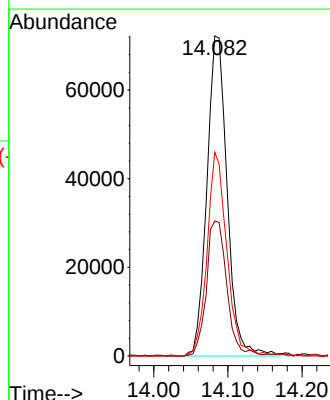
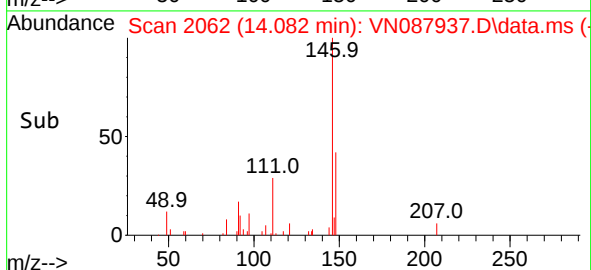
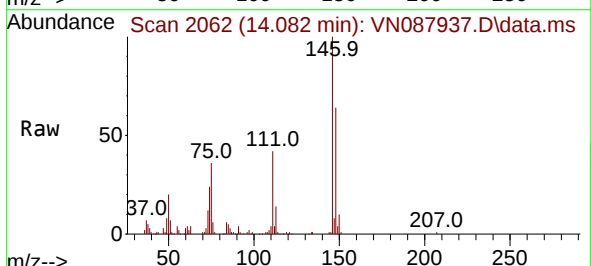
Tgt Ion:146 Resp: 137052

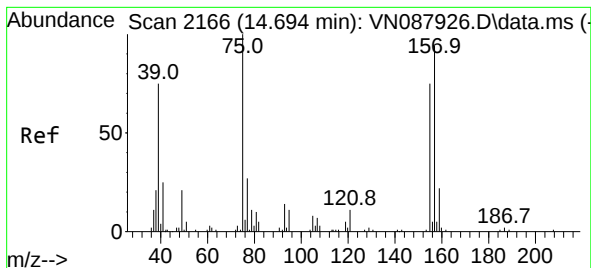
Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.7

148 62.5 31.9 95.9

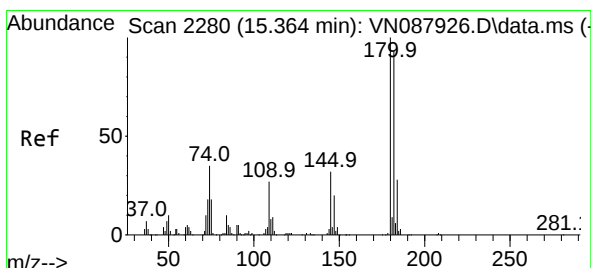
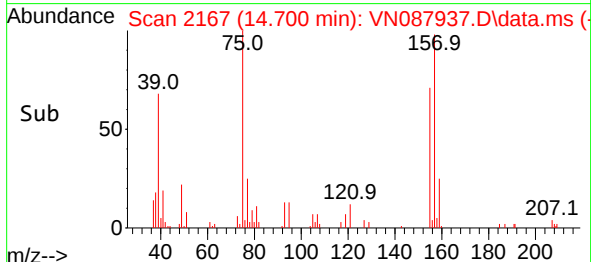
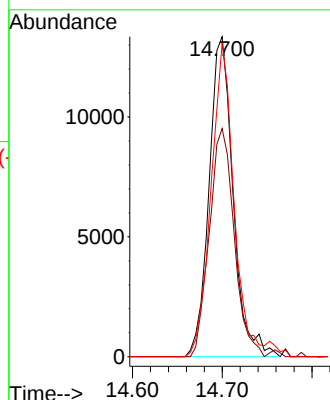
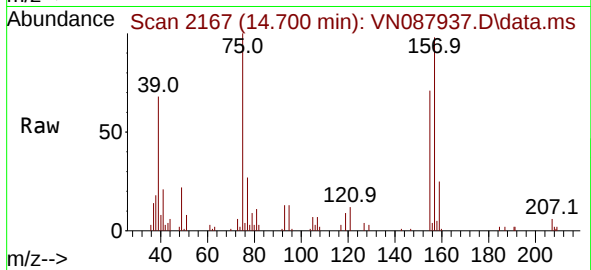




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.154 ug/l
 RT: 14.700 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

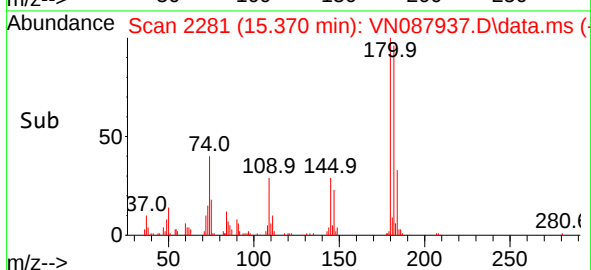
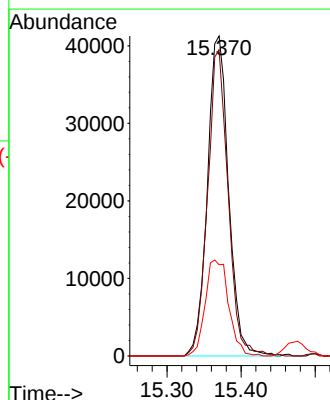
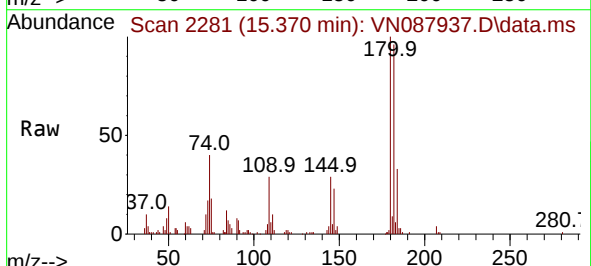
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

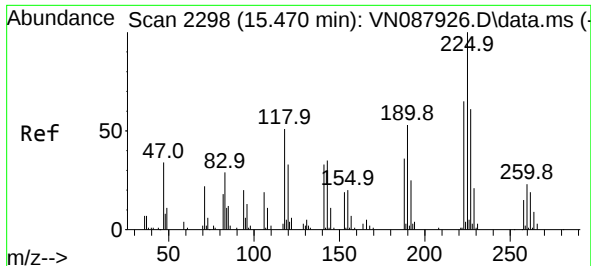
Tgt Ion: 75 Resp: 24801
 Ion Ratio Lower Upper
 75 100
 155 73.5 40.2 120.6
 157 95.2 50.9 152.7



#93
 1,2,4-Trichlorobenzene
 Concen: 21.679 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Tgt Ion: 180 Resp: 81962
 Ion Ratio Lower Upper
 180 100
 182 92.5 48.5 145.5
 145 33.2 15.9 47.6

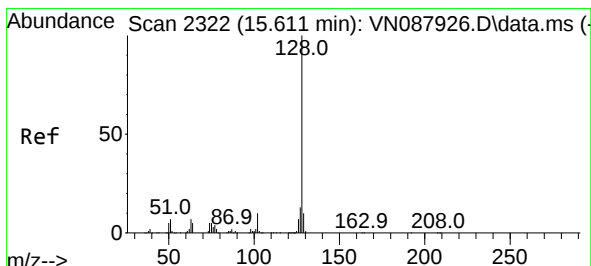
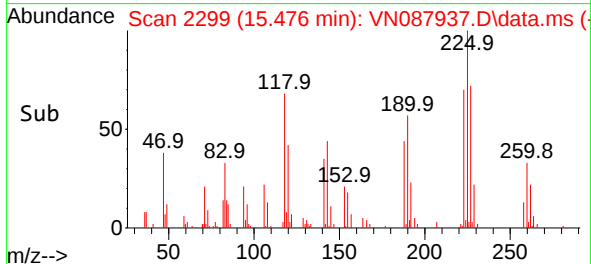
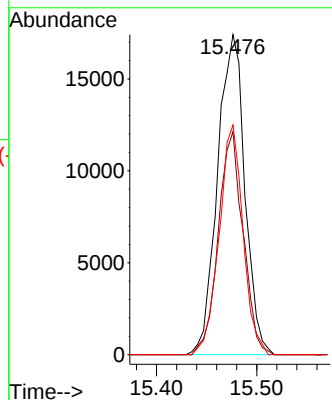
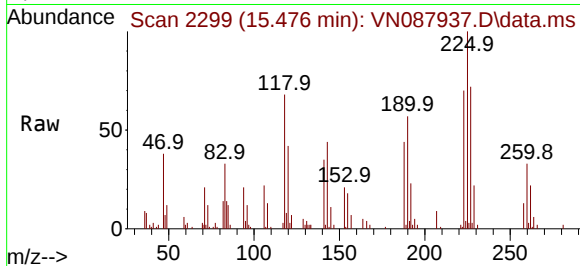




#94
Hexachlorobutadiene
Concen: 23.652 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

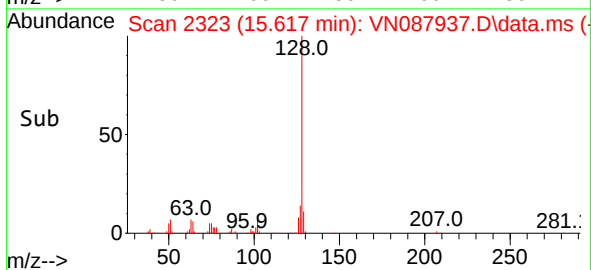
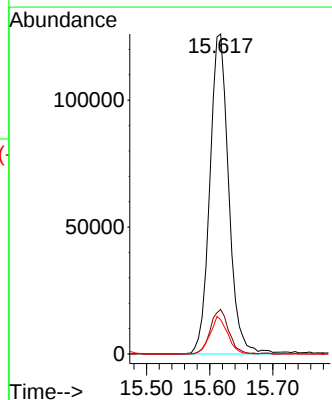
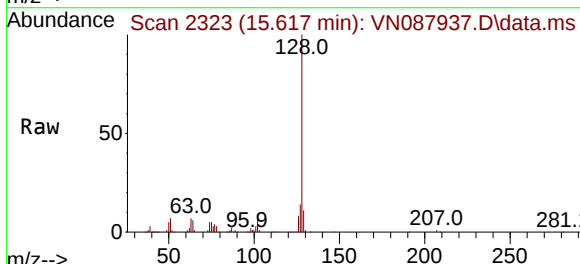
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

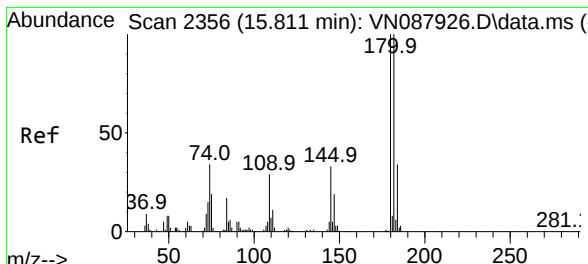
Tgt Ion:225 Resp: 32913
Ion Ratio Lower Upper
225 100
223 63.2 31.8 95.4
227 63.0 31.9 95.9



#95
Naphthalene
Concen: 21.581 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087937.D
Acq: 24 Sep 2025 10:42

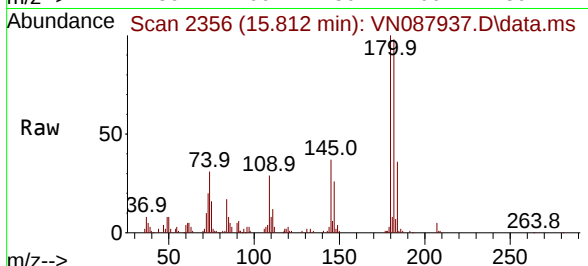
Tgt Ion:128 Resp: 261901
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 20.738 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087937.D
 Acq: 24 Sep 2025 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01



Tgt Ion:	180	Resp:	76222
Ion Ratio	Lower	Upper	
180	100		
182	100.3	47.3	142.0
145	36.3	16.1	48.3

