

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087688.D
 Acq On : 28 Aug 2025 16:11
 Operator : JC\MD
 Sample : VN0828MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

Quant Time: Aug 29 03:20:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	199825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	394131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	371049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	191364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189511	46.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.580%
35) Dibromofluoromethane	8.153	113	128944	45.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	10.547	98	479435	45.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.829	95	169935	44.865	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51309	18.079	ug/l	98
3) Chloromethane	2.383	50	55701	19.098	ug/l	92
4) Vinyl Chloride	2.536	62	60394	17.859	ug/l	97
5) Bromomethane	2.977	94	29262	16.770	ug/l	100
6) Chloroethane	3.142	64	41942	17.646	ug/l	93
7) Trichlorofluoromethane	3.512	101	94401	19.053	ug/l	89
8) Diethyl Ether	3.959	74	38028	17.624	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	52551	18.745	ug/l	96
10) Methyl Iodide	4.583	142	22779	16.202	ug/l	91
11) Tert butyl alcohol	5.524	59	65282	91.847	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	51023	17.710	ug/l	90
13) Acrolein	4.177	56	81322	93.068	ug/l	96
14) Allyl chloride	5.018	41	77866	14.915	ug/l	89
15) Acrylonitrile	5.712	53	174393	86.999	ug/l	99
16) Acetone	4.424	43	189773	85.148	ug/l	93
17) Carbon Disulfide	4.700	76	122686	15.469	ug/l	100
18) Methyl Acetate	5.018	43	90146	19.318	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	185641	17.177	ug/l	97
20) Methylene Chloride	5.259	84	58914	17.468	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	50007	16.016	ug/l	96
22) Diisopropyl ether	6.659	45	197667	17.545	ug/l #	96
23) Vinyl Acetate	6.588	43	796297	77.687	ug/l	98
24) 1,1-Dichloroethane	6.553	63	106114	17.178	ug/l	98
25) 2-Butanone	7.471	43	258153	88.041	ug/l	100
26) 2,2-Dichloropropane	7.471	77	86726	16.358	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	62415	16.721	ug/l	98
28) Bromochloromethane	7.794	49	52957	17.733	ug/l	93
29) Tetrahydrofuran	7.824	42	157545	83.488	ug/l	99
30) Chloroform	7.953	83	110888	17.587	ug/l	97
31) Cyclohexane	8.241	56	85499	16.603	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	91195	17.067	ug/l	94
36) 1,1-Dichloropropene	8.359	75	70486	16.146	ug/l	99
37) Ethyl Acetate	7.547	43	101271	16.976	ug/l	97
38) Carbon Tetrachloride	8.341	117	75485	17.513	ug/l	99
39) Methylcyclohexane	9.582	83	76152	15.844	ug/l	94
40) Benzene	8.588	78	232806	17.387	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	55335	17.907	ug/l	96
42) 1,2-Dichloroethane	8.653	62	90174	17.525	ug/l	100
43) Isopropyl Acetate	8.677	43	161328	17.322	ug/l	99
44) Trichloroethene	9.329	130	51904	16.979	ug/l	93
45) 1,2-Dichloropropane	9.606	63	58871	16.680	ug/l	98
46) Dibromomethane	9.694	93	44399	17.678	ug/l	99
47) Bromodichloromethane	9.865	83	87969	17.090	ug/l	98
48) Methyl methacrylate	9.665	41	72910	16.550	ug/l	98
49) 1,4-Dioxane	9.688	88	20030	350.790	ug/l #	87
51) 4-Methyl-2-Pentanone	10.424	43	510894	90.918	ug/l	100
52) Toluene	10.612	92	141107	16.999	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	92531	17.367	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	93385	16.880	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	58189	18.121	ug/l	96
56) Ethyl methacrylate	10.859	69	88310	17.208	ug/l	98
57) 1,3-Dichloropropane	11.141	76	100646	17.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	255390	91.946	ug/l	98
59) 2-Hexanone	11.176	43	315454	88.826	ug/l	100
60) Dibromochloromethane	11.335	129	64047	17.213	ug/l	100
61) 1,2-Dibromoethane	11.447	107	59689	17.628	ug/l	98
64) Tetrachloroethene	11.082	164	39032	15.162	ug/l	89
65) Chlorobenzene	11.870	112	154270	16.712	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	53845	17.570	ug/l	97
67) Ethyl Benzene	11.941	91	262957	16.452	ug/l	94
68) m/p-Xylenes	12.053	106	195962	33.431	ug/l	98
69) o-Xylene	12.376	106	94077	16.377	ug/l	97
70) Styrene	12.388	104	162346	16.869	ug/l	98
71) Bromoform	12.559	173	40192	17.101	ug/l #	98
73) Isopropylbenzene	12.676	105	245181	15.855	ug/l	99
74) N-amyl acetate	12.529	43	7952	1.357	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.917	83	92593	17.392	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	116546	25.971	ug/l	62
77) Bromobenzene	12.959	156	59661	16.363	ug/l	97
78) n-propylbenzene	13.012	91	310228	16.287	ug/l	100
79) 2-Chlorotoluene	13.106	91	187347	16.345	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	212775	16.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.723	75	26453	15.606	ug/l	89
82) 4-Chlorotoluene	13.200	91	192350	15.961	ug/l	95
83) tert-Butylbenzene	13.412	119	175780	16.080	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	218067	16.606	ug/l	100
85) sec-Butylbenzene	13.594	105	257614	15.880	ug/l	100
86) p-Isopropyltoluene	13.706	119	217741	16.255	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	115119	16.033	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	118329	15.836	ug/l	97
89) n-Butylbenzene	14.035	91	212772	15.993	ug/l	99
90) Hexachloroethane	14.311	117	43537	17.060	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	112185	16.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	21105	16.688	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	67742	16.561	ug/l	97
94) Hexachlorobutadiene	15.476	225	24229	16.615	ug/l	95
95) Naphthalene	15.617	128	234004	16.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	64923	16.236	ug/l	99

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QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

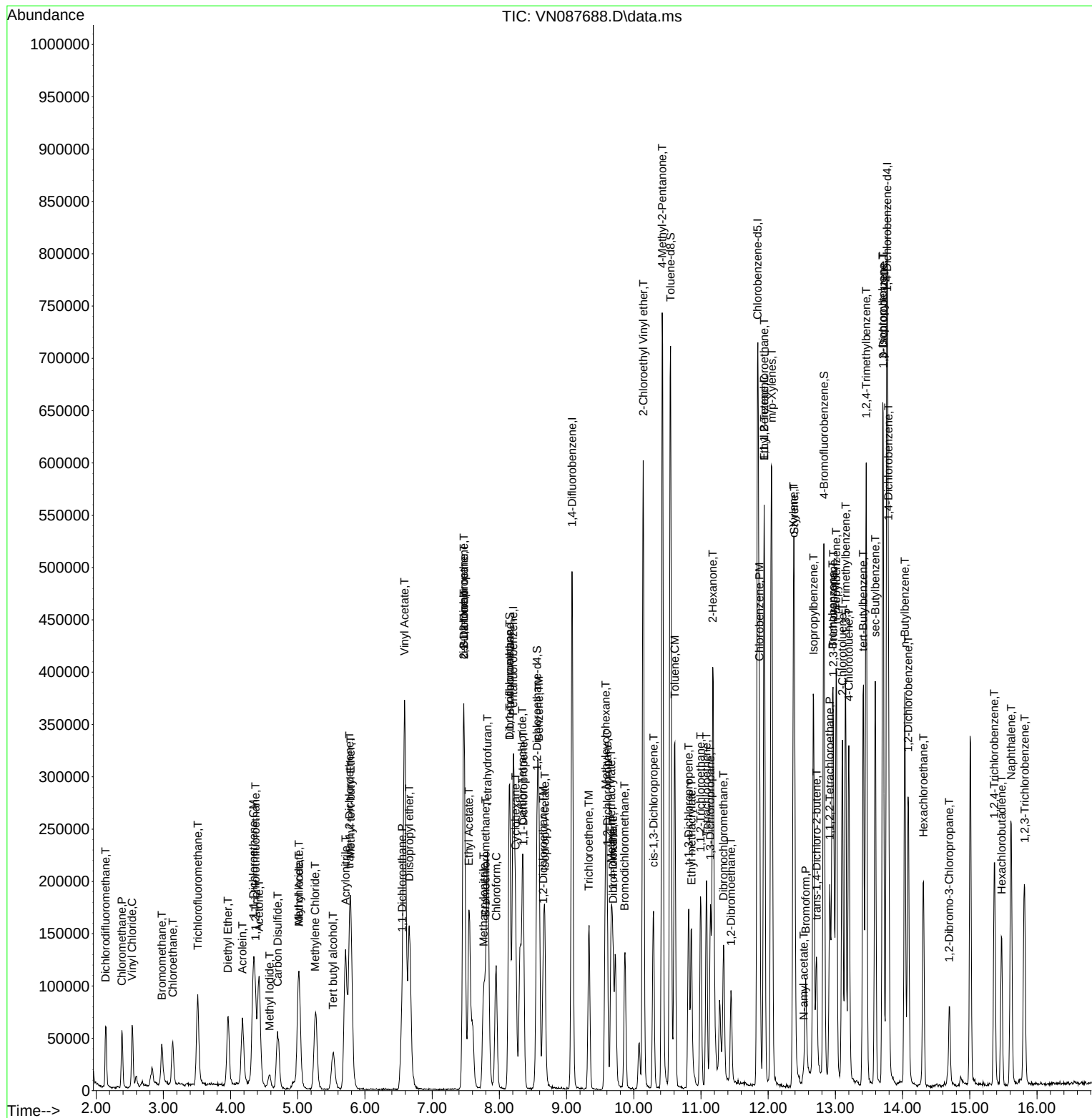
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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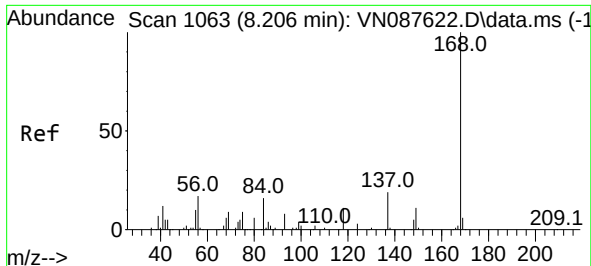
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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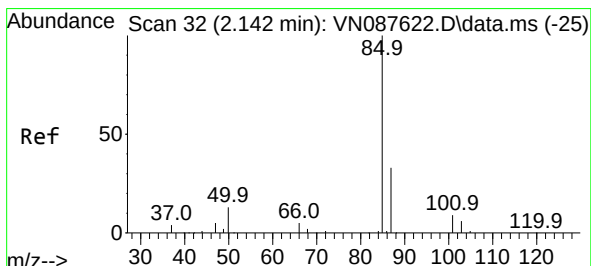
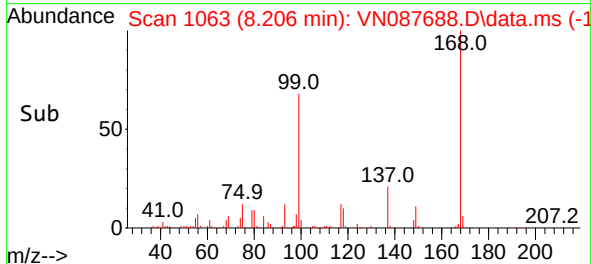
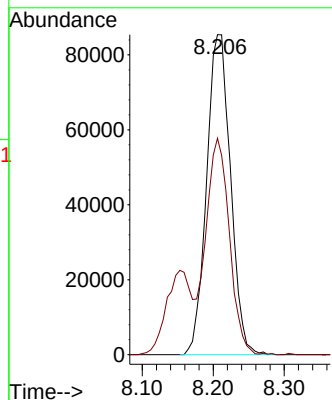
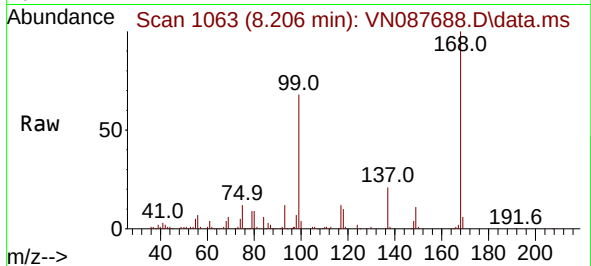




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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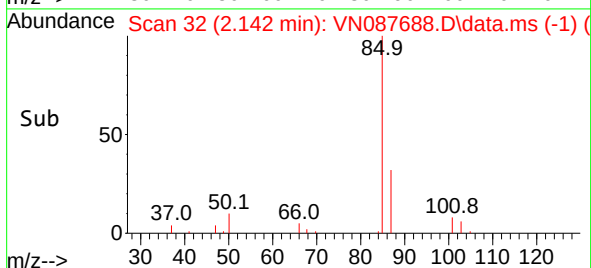
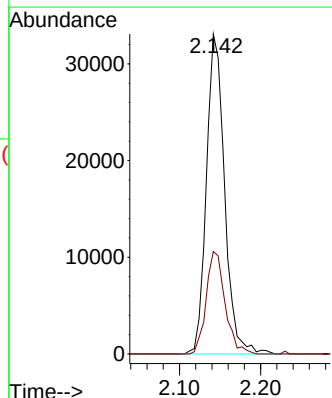
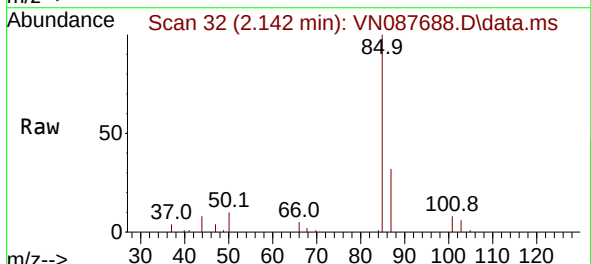
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

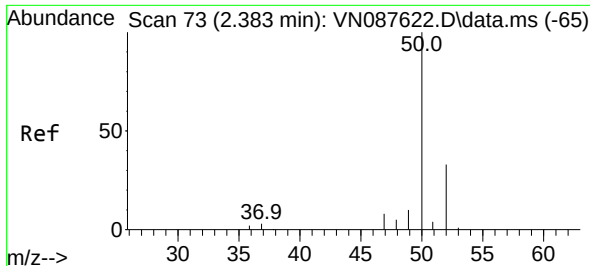
Tgt Ion:168 Resp: 199825
Ion Ratio Lower Upper
168 100
99 67.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.079 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 85 Resp: 51309
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.8

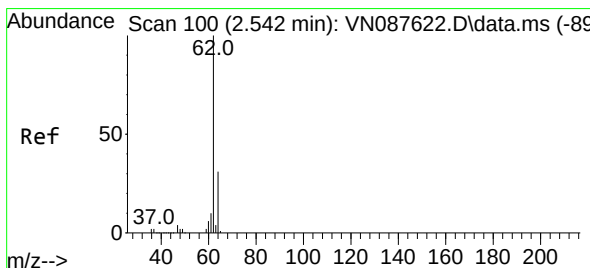
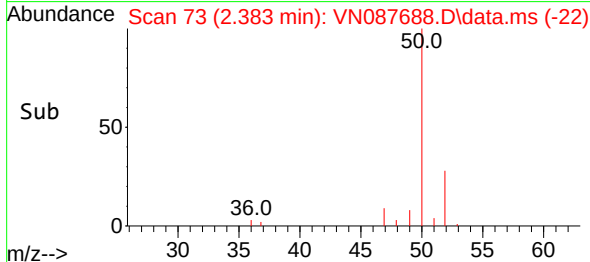
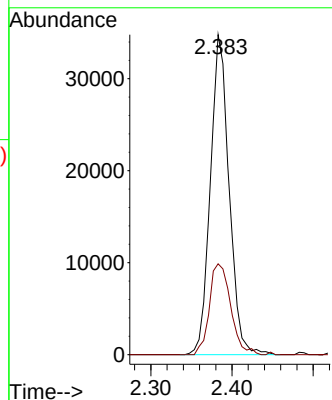
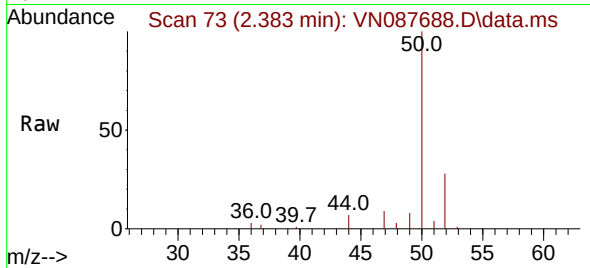




#3
Chloromethane
Concen: 19.098 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

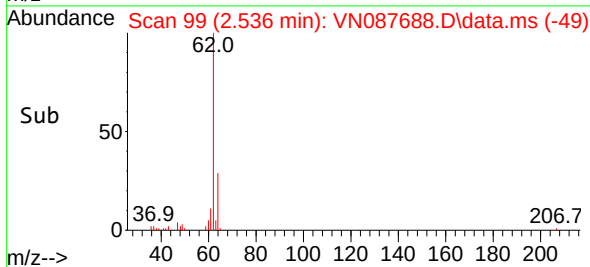
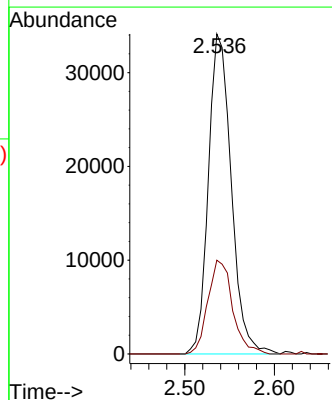
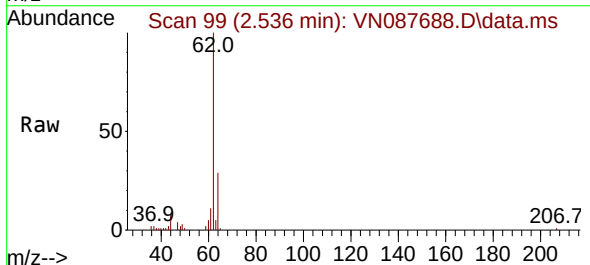
Instrument :
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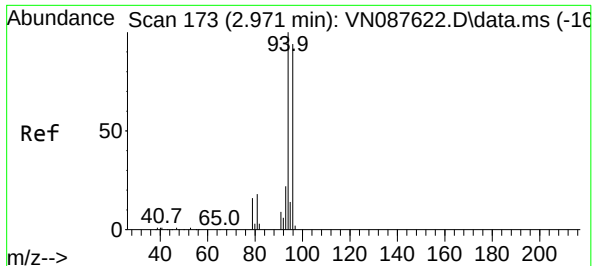
Tgt Ion: 50 Resp: 55701
Ion Ratio Lower Upper
50 100
52 28.4 26.2 39.4



#4
Vinyl Chloride
Concen: 17.859 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 62 Resp: 60394
Ion Ratio Lower Upper
62 100
64 29.3 24.6 37.0

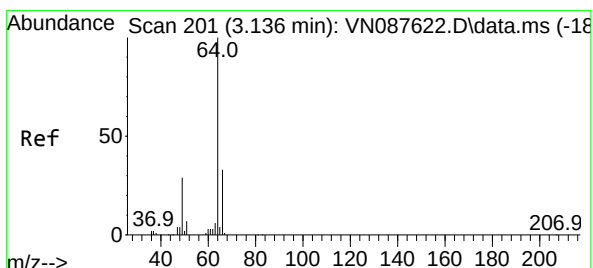
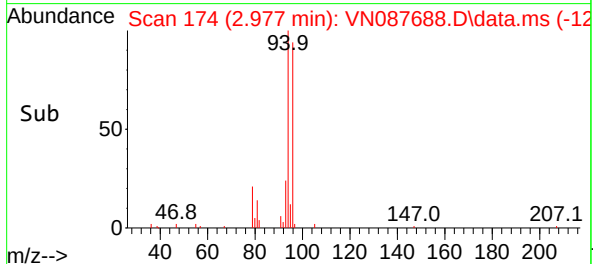
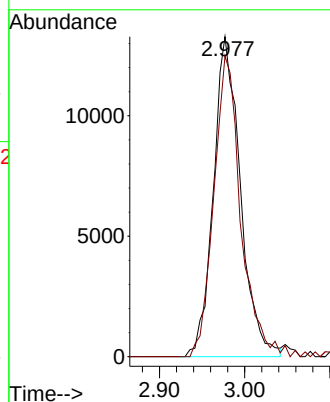
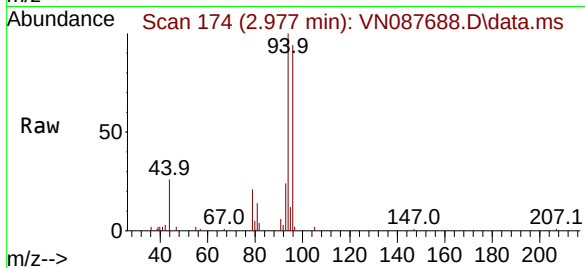




#5
Bromomethane
Concen: 16.770 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087688.D
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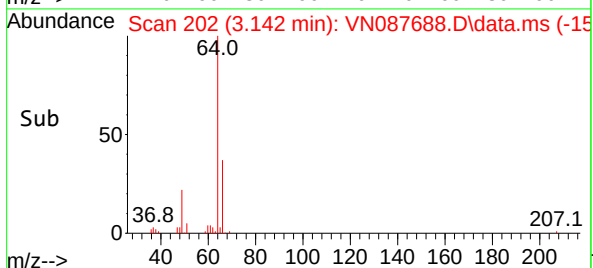
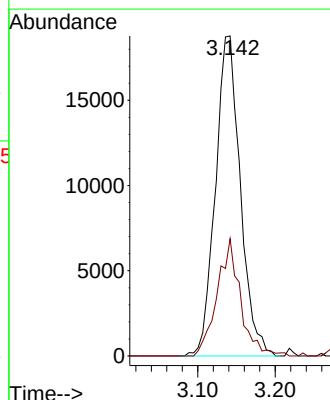
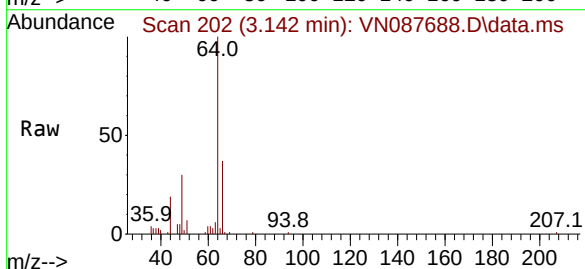
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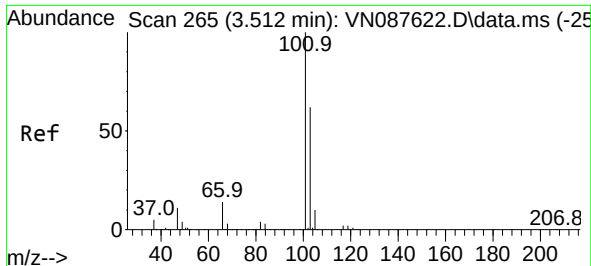
Tgt Ion: 94 Resp: 29262
Ion Ratio Lower Upper
94 100
96 93.9 75.4 113.2



#6
Chloroethane
Concen: 17.646 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087688.D
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Tgt Ion: 64 Resp: 41942
Ion Ratio Lower Upper
64 100
66 36.7 26.2 39.2

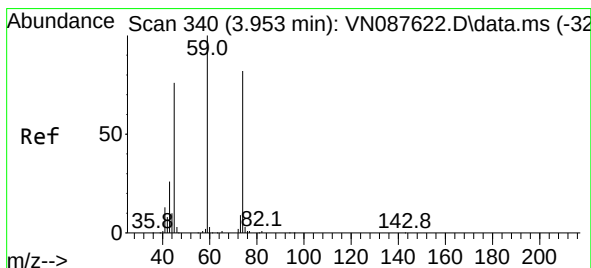
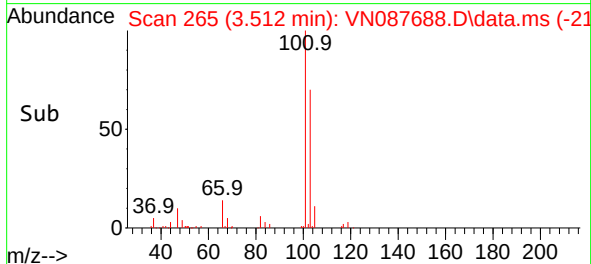
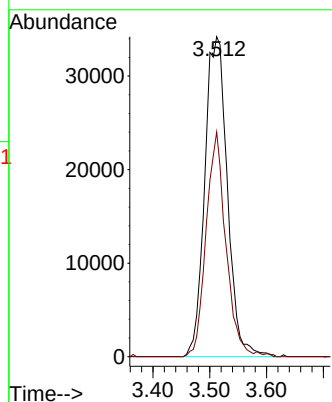
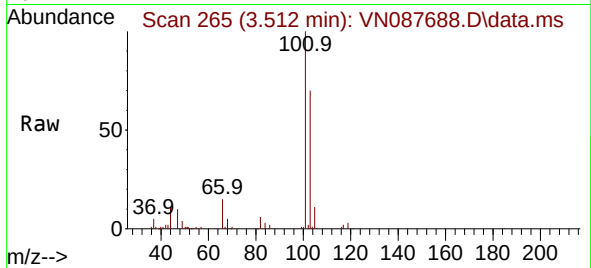




#7
 Trichlorofluoromethane
 Concen: 19.053 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

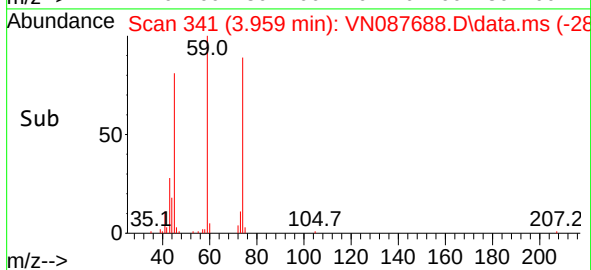
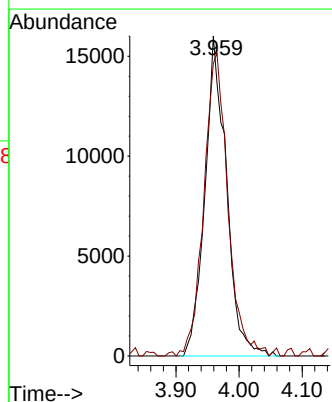
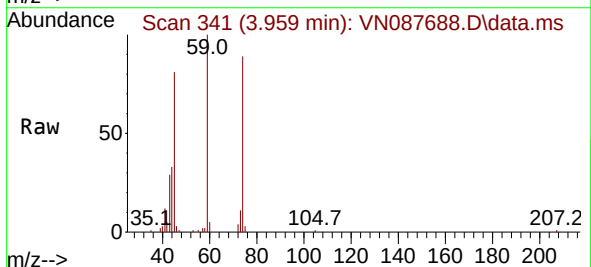
Instrument :
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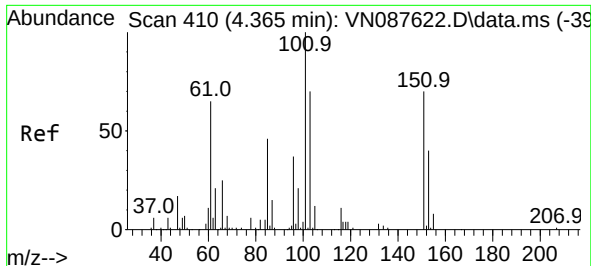
Tgt Ion:101 Resp: 94401
 Ion Ratio Lower Upper
 101 100
 103 70.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.624 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087688.D
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Tgt Ion: 74 Resp: 38028
 Ion Ratio Lower Upper
 74 100
 45 105.1 50.6 151.9

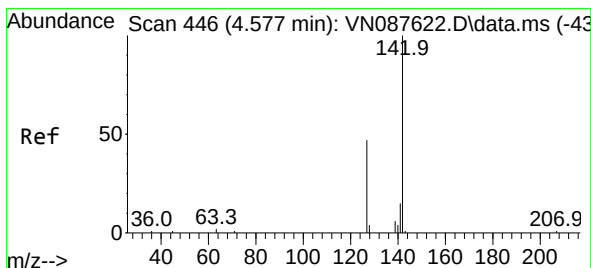
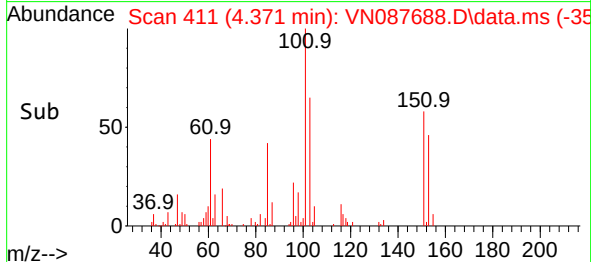
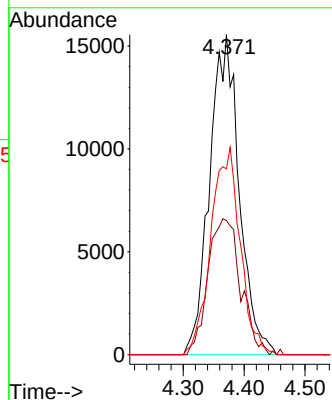
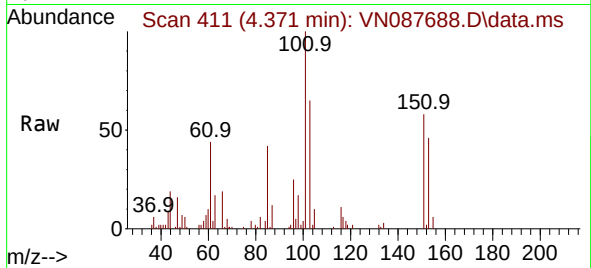




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.745 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

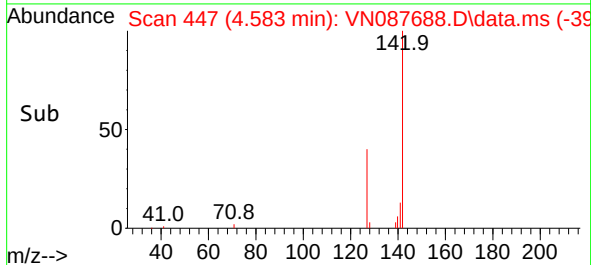
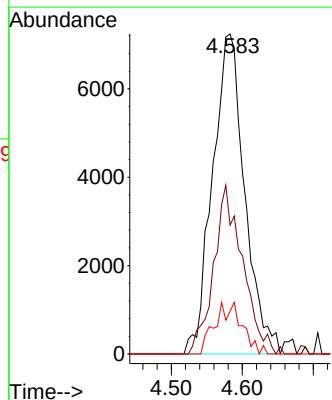
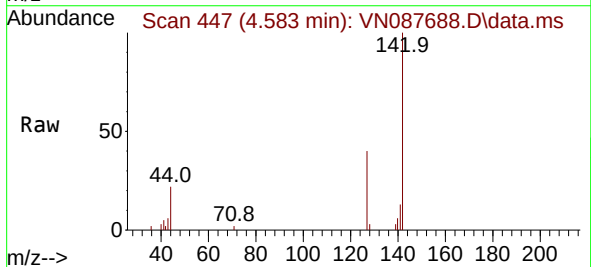
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

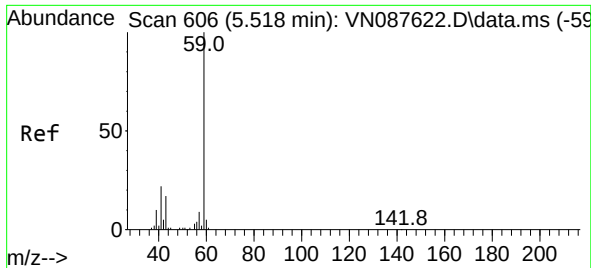
Tgt Ion	101	Resp	52551
Ion	Ratio	Lower	Upper
101	100		
85	47.0	36.6	55.0
151	63.8	54.7	82.1



#10
Methyl Iodide
Concen: 16.202 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion	142	Resp	22779
Ion	Ratio	Lower	Upper
142	100		
127	40.2	38.0	57.0
141	13.4	12.0	18.0

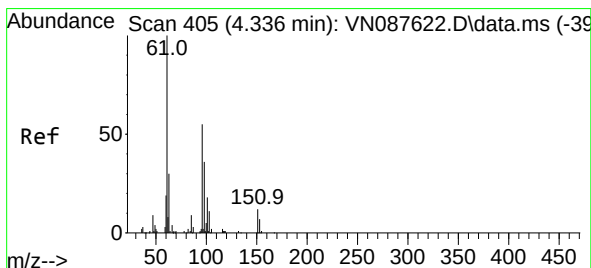
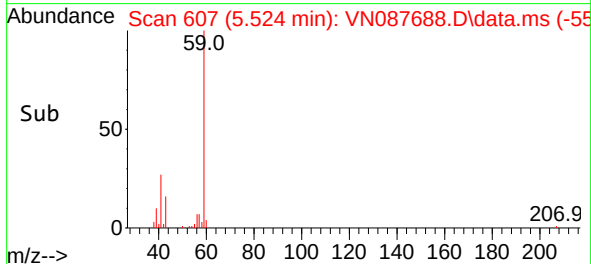
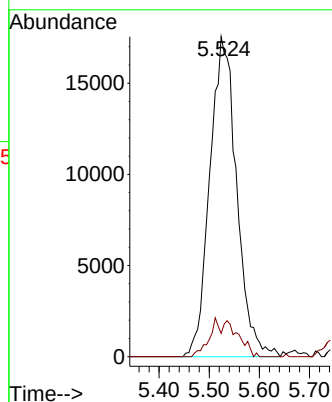
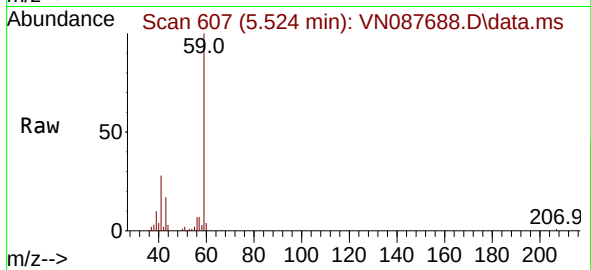




#11
Tert butyl alcohol
Concen: 91.847 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

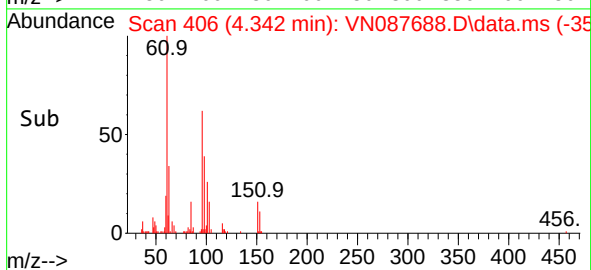
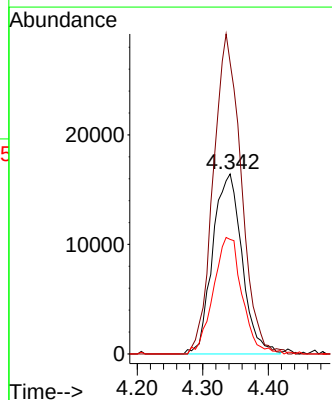
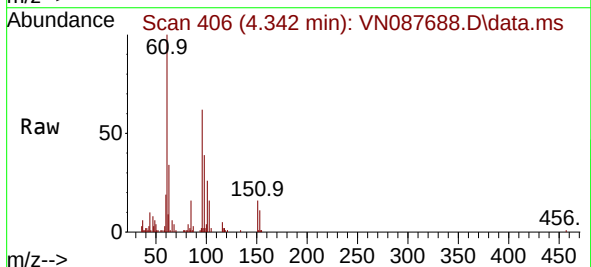
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

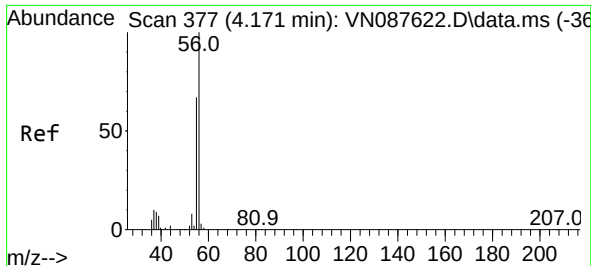
Tgt Ion: 59 Resp: 65282
Ion Ratio Lower Upper
59 100
57 6.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.710 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 96 Resp: 51023
Ion Ratio Lower Upper
96 100
61 161.9 143.8 215.8
98 63.6 52.1 78.1

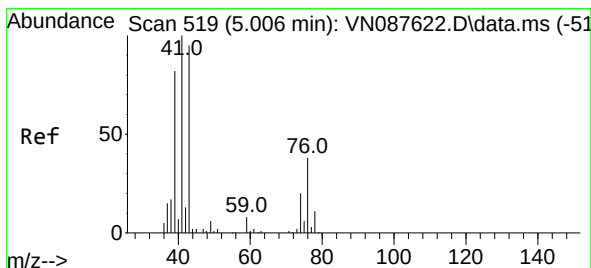
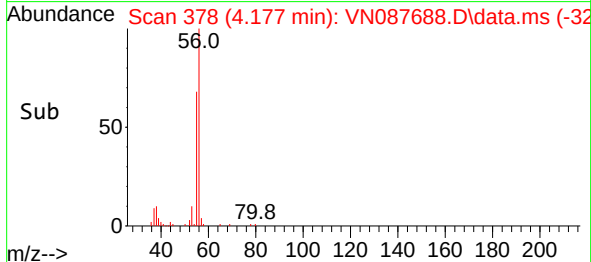
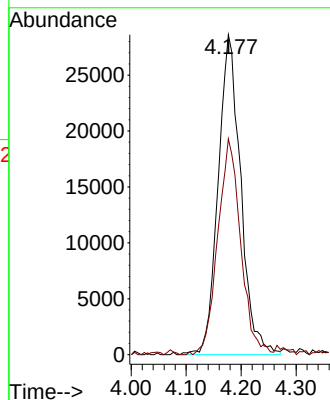
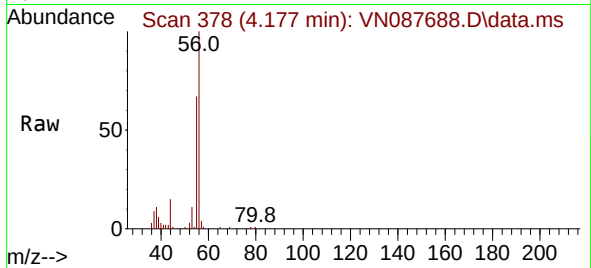




#13
Acrolein
Concen: 93.068 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

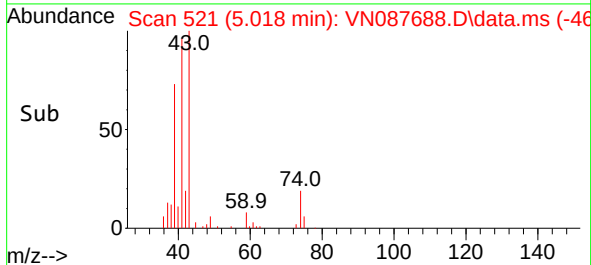
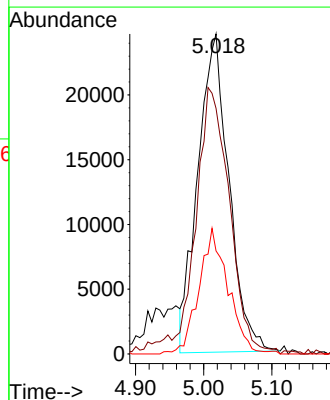
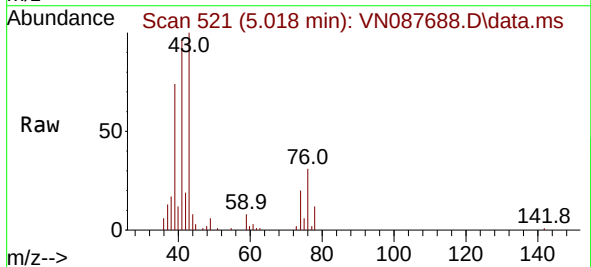
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

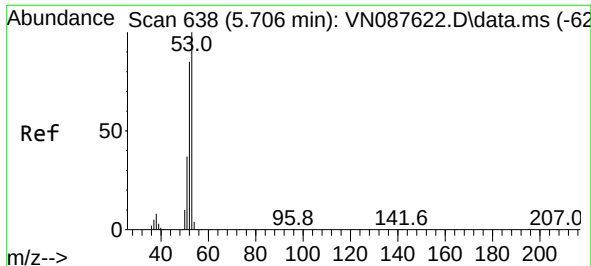
Tgt Ion: 56 Resp: 81322
Ion Ratio Lower Upper
56 100
55 68.6 57.3 85.9



#14
Allyl chloride
Concen: 14.915 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 41 Resp: 77866
Ion Ratio Lower Upper
41 100
39 92.7 63.9 95.9
76 37.2 28.1 42.1

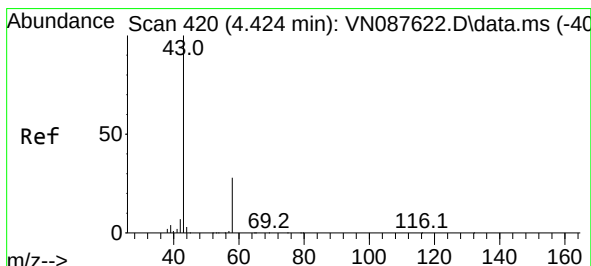
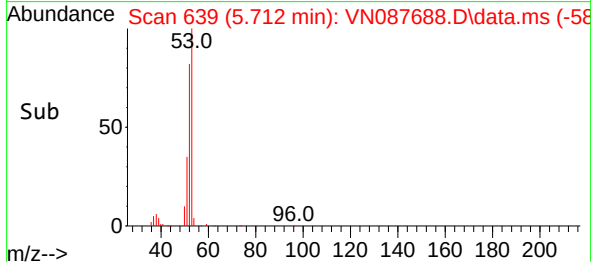
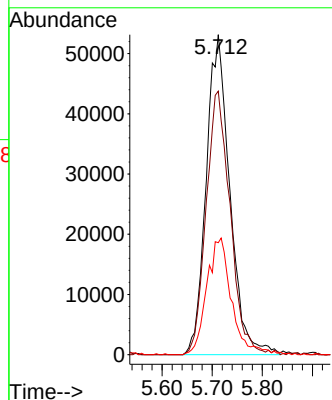
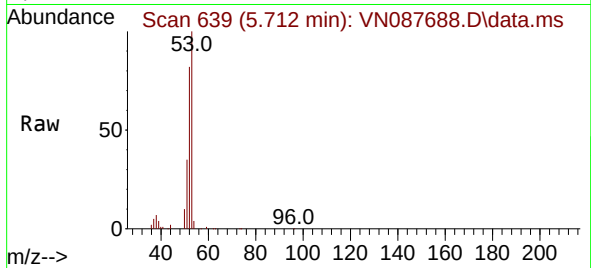




#15
Acrylonitrile
Concen: 86.999 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

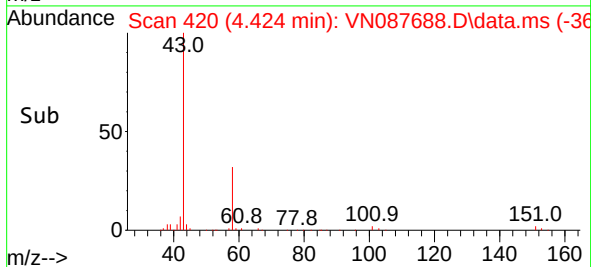
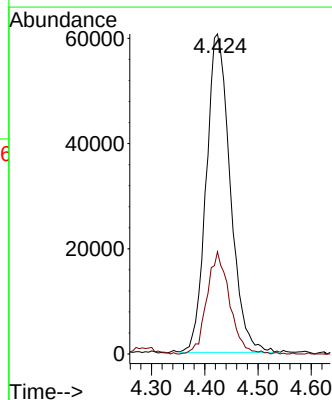
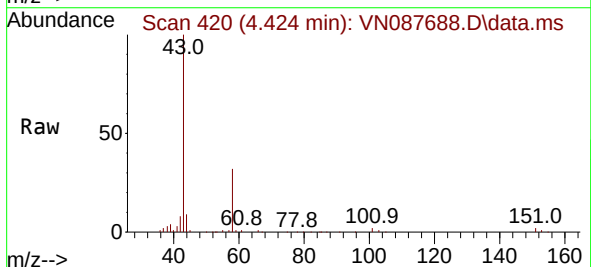
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

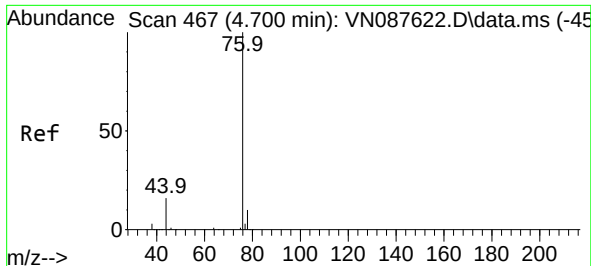
Tgt Ion: 53 Resp: 174393
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 38.3 30.1 45.1



#16
Acetone
Concen: 85.148 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 43 Resp: 189773
Ion Ratio Lower Upper
43 100
58 32.1 22.6 33.8

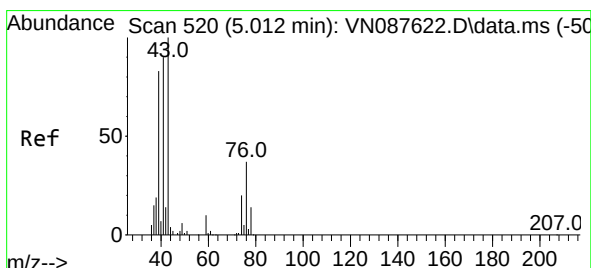
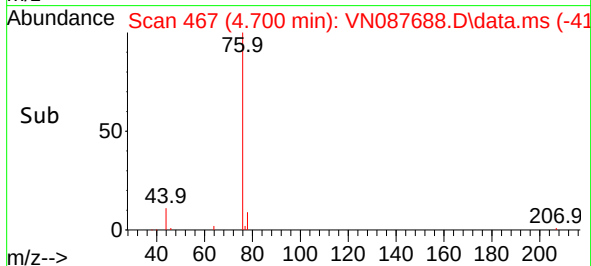
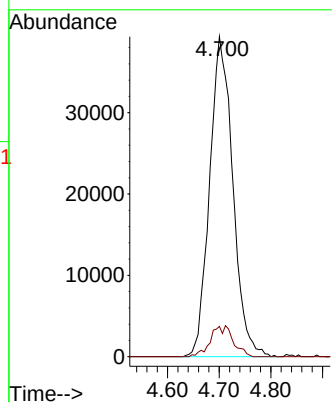
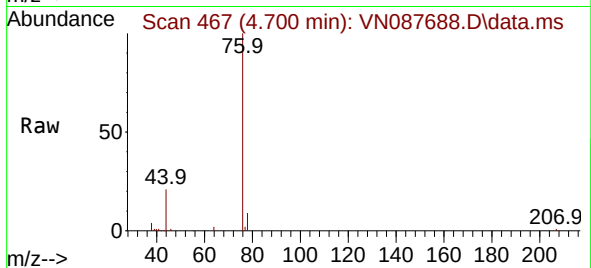




#17
Carbon Disulfide
Concen: 15.469 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

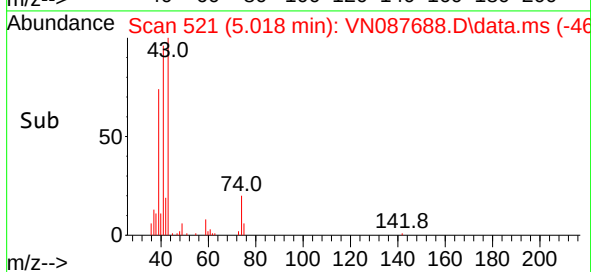
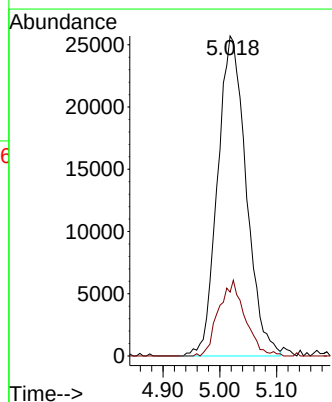
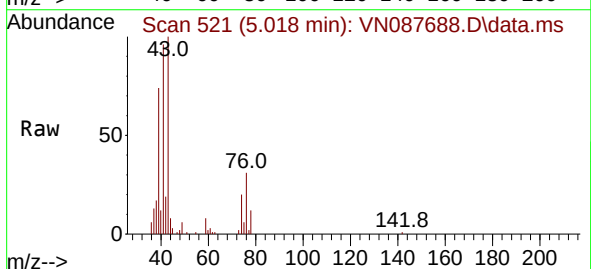
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

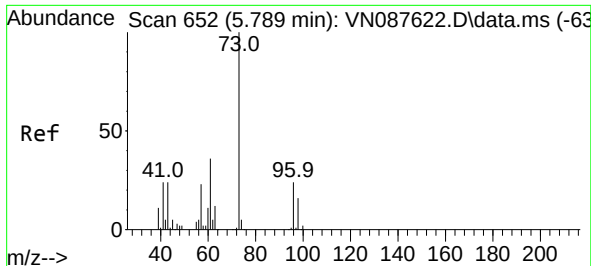
Tgt Ion: 76 Resp: 122686
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 19.318 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 43 Resp: 90146
Ion Ratio Lower Upper
43 100
74 21.8 17.6 26.4

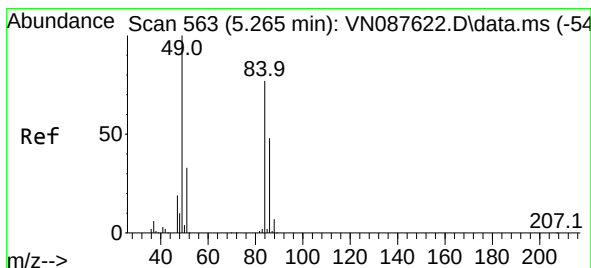
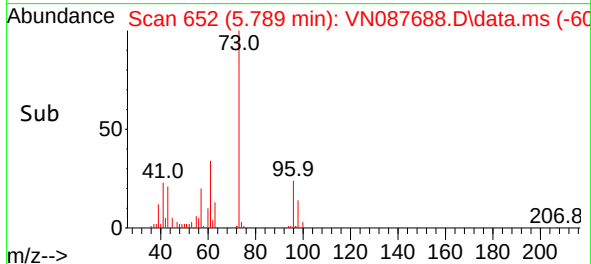
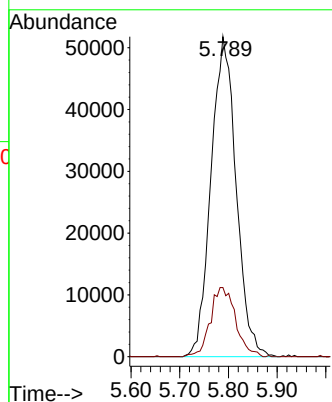
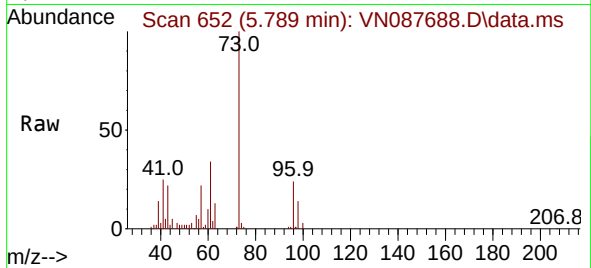




#19
Methyl tert-butyl Ether
Concen: 17.177 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

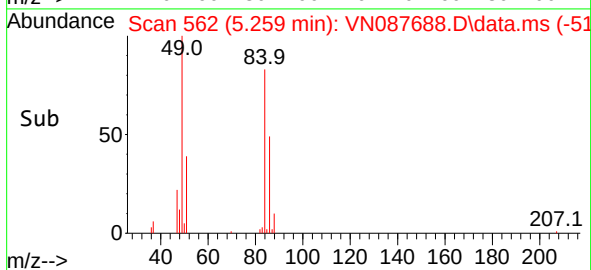
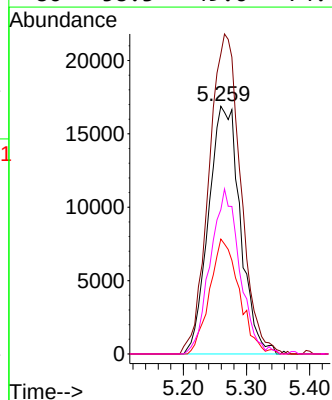
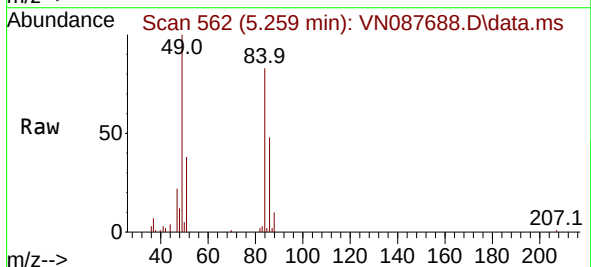
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

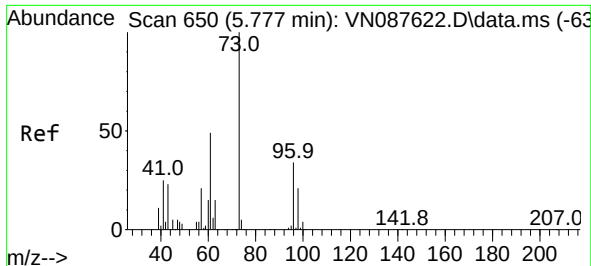
Tgt Ion: 73 Resp: 185641
Ion Ratio Lower Upper
73 100
57 21.6 18.4 27.6



#20
Methylene Chloride
Concen: 17.468 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 84 Resp: 58914
Ion Ratio Lower Upper
84 100
49 121.1 103.4 155.2
51 46.4 33.8 50.8
86 58.3 49.6 74.4

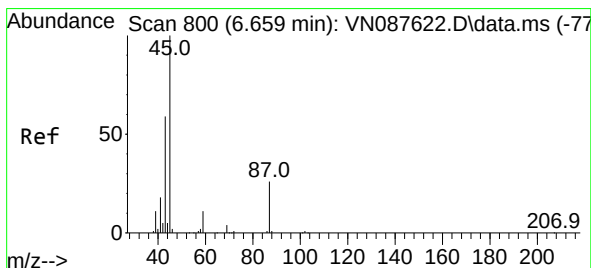
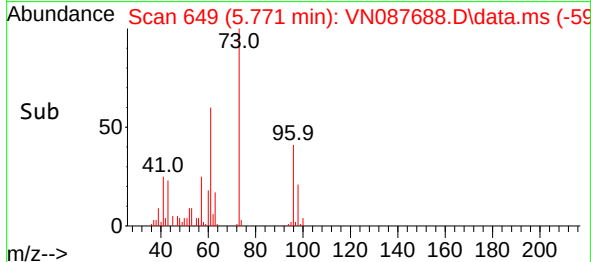
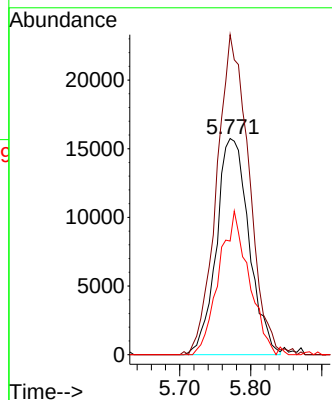
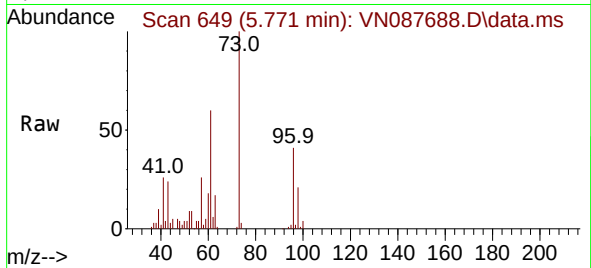




#21
trans-1,2-Dichloroethene
Concen: 16.016 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

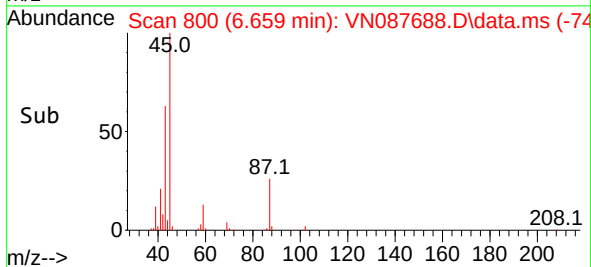
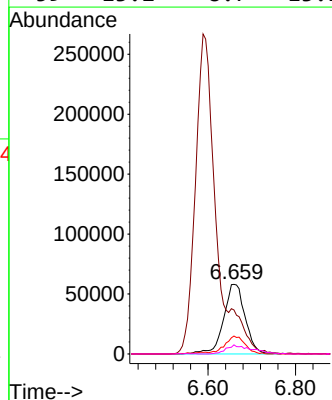
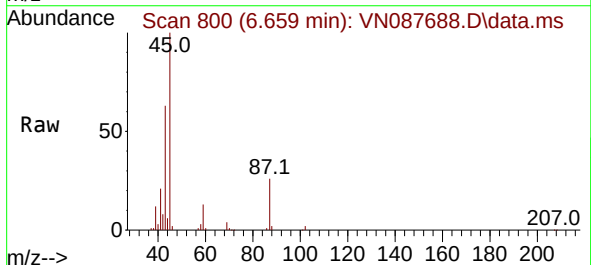
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

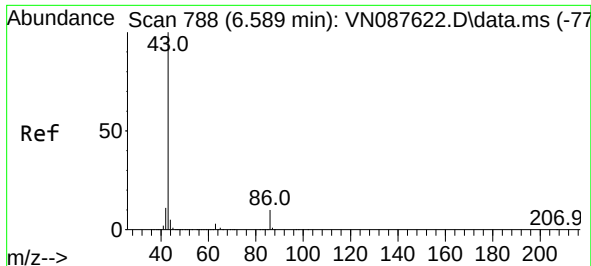
Tgt Ion: 96 Resp: 50007
Ion Ratio Lower Upper
96 100
61 148.0 118.0 177.0
98 52.5 50.0 75.0



#22
Diisopropyl ether
Concen: 17.545 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 45 Resp: 197667
Ion Ratio Lower Upper
45 100
43 62.4 47.7 71.5
87 25.8 21.4 32.0
59 13.2 8.7 13.1#

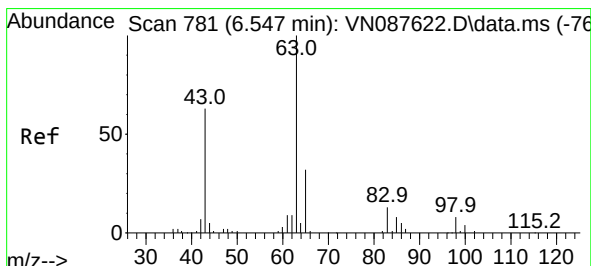
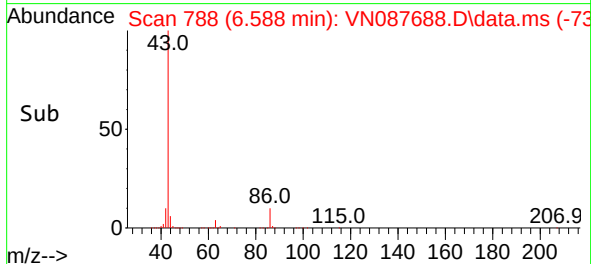
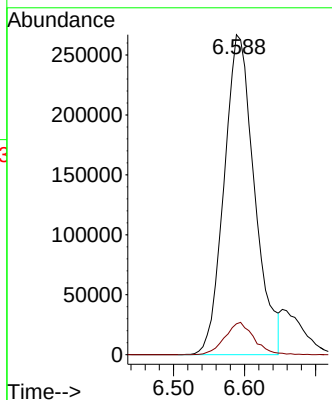
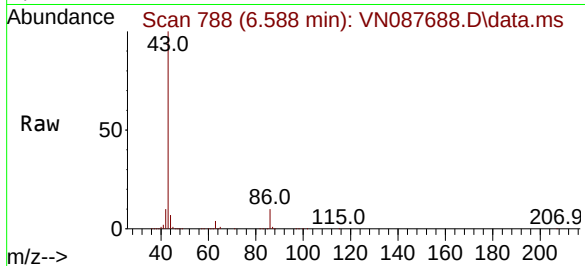




#23
 Vinyl Acetate
 Concen: 77.687 ug/l
 RT: 6.588 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

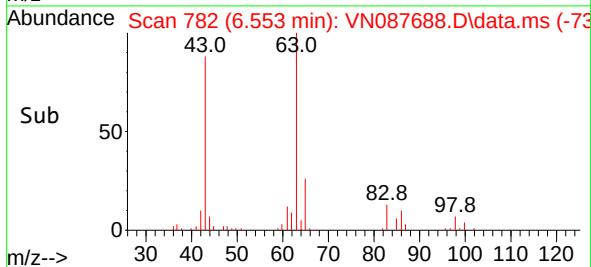
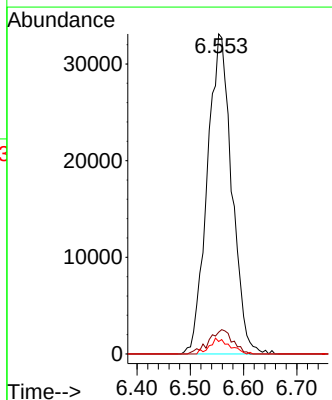
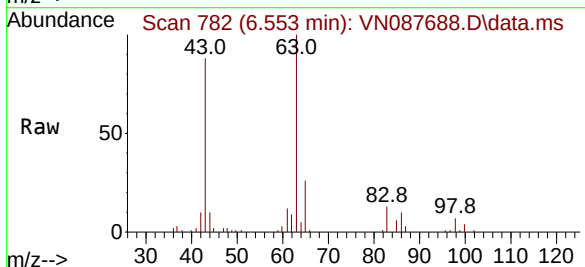
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

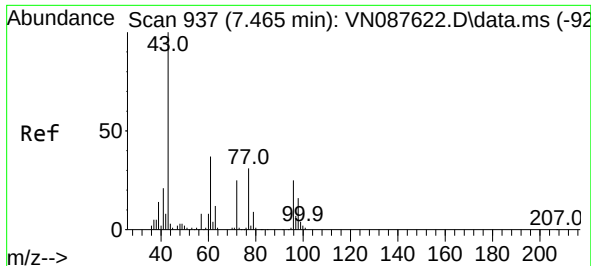
Tgt Ion: 43 Resp: 796297
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.178 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

Tgt Ion: 63 Resp: 106114
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 3.9 2.0 6.0

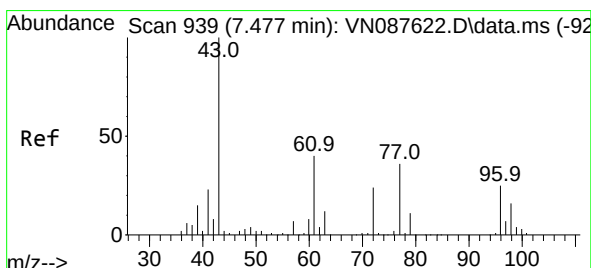
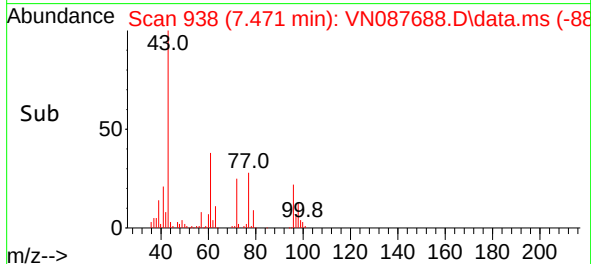
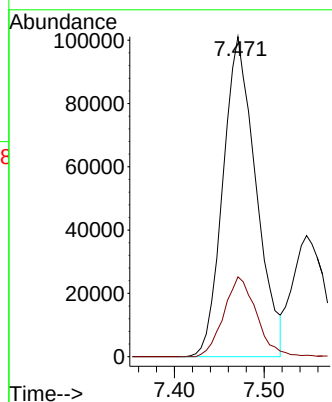
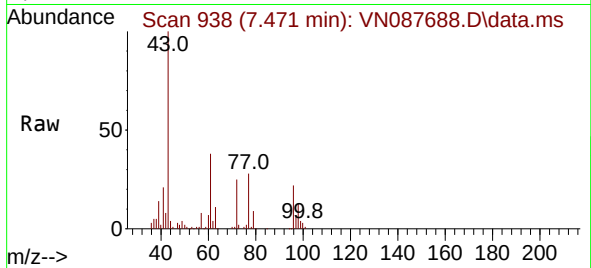




#25
2-Butanone
Concen: 88.041 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

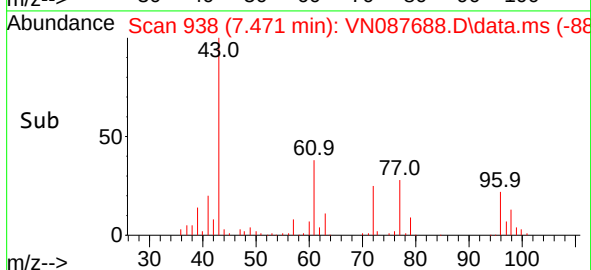
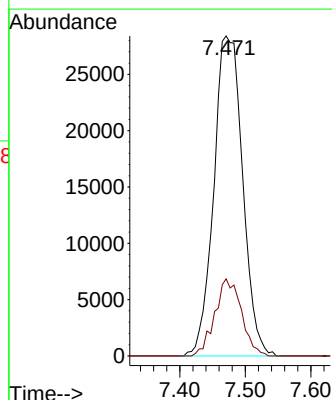
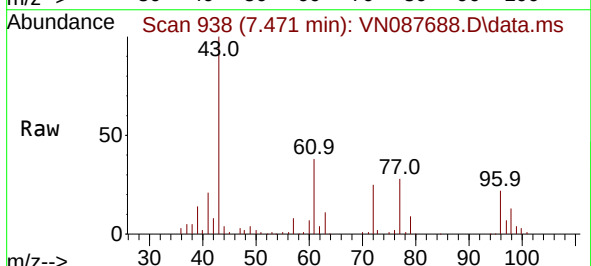
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

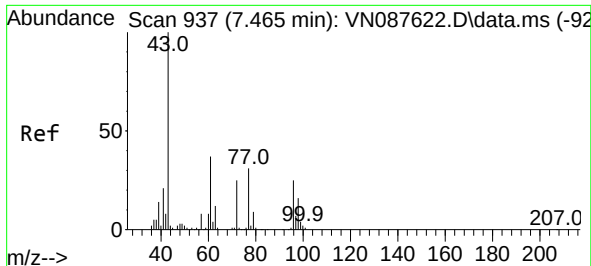
Tgt Ion: 43 Resp: 258153
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 16.358 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 77 Resp: 86726
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7

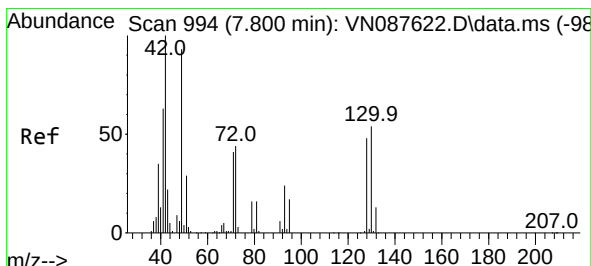
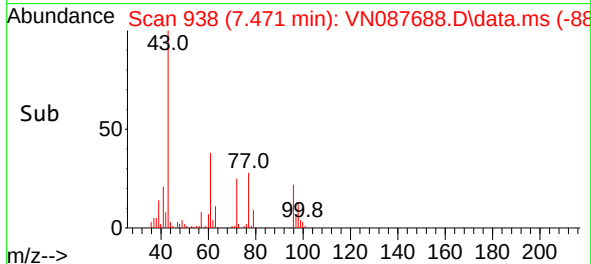
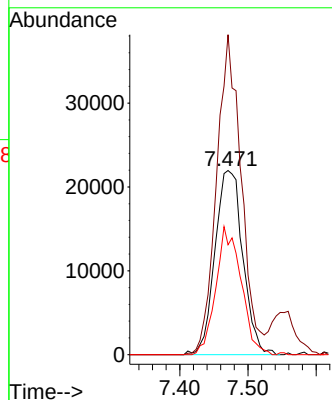
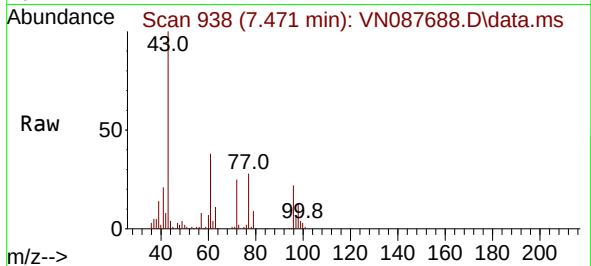




#27
 cis-1,2-Dichloroethene
 Concen: 16.721 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

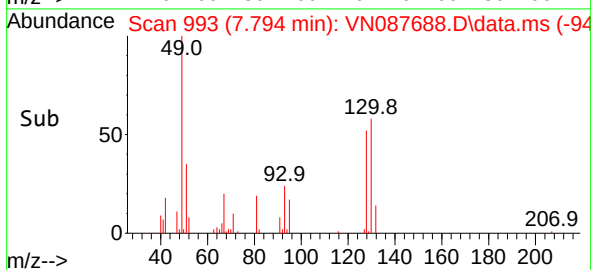
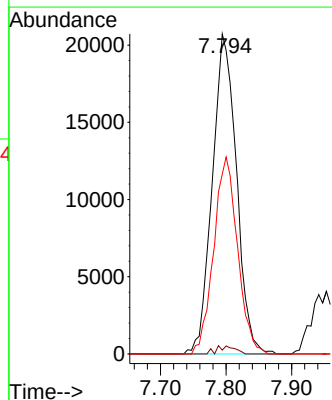
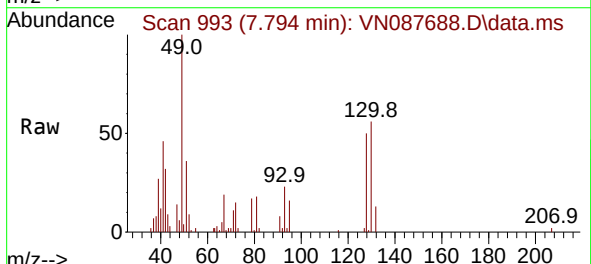
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

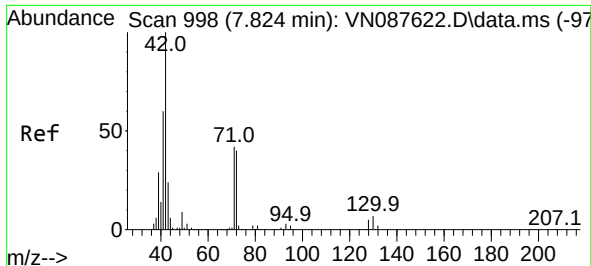
Tgt Ion: 96 Resp: 62415
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 301.8
 98 62.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 17.733 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

Tgt Ion: 49 Resp: 52957
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 60.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 83.488 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

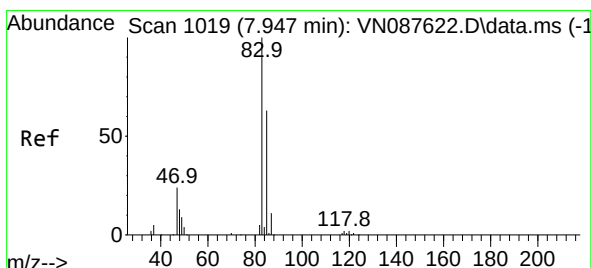
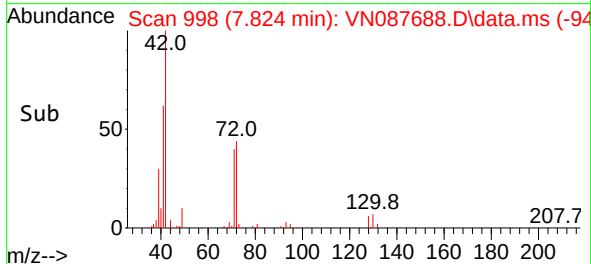
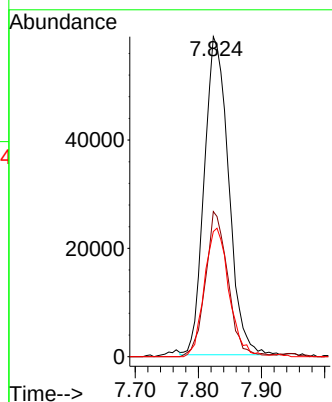
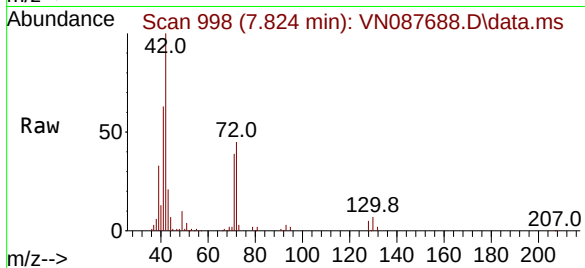
Tgt Ion: 42 Resp: 157545

Ion Ratio Lower Upper

42 100

72 42.3 33.7 50.5

71 40.8 31.9 47.9



#30

Chloroform

Concen: 17.587 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087688.D

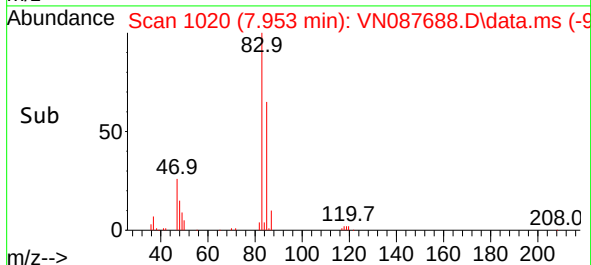
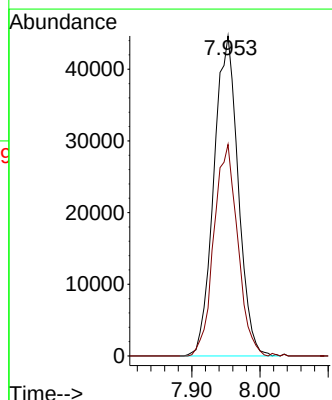
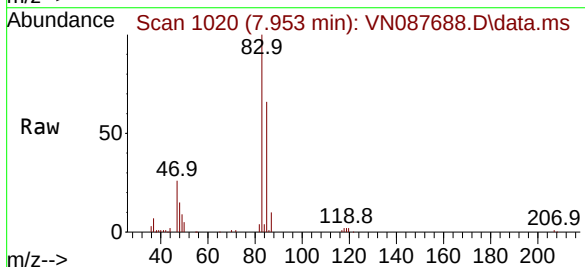
Acq: 28 Aug 2025 16:11

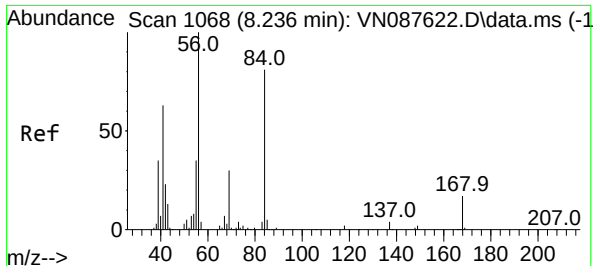
Tgt Ion: 83 Resp: 110888

Ion Ratio Lower Upper

83 100

85 66.1 50.7 76.1

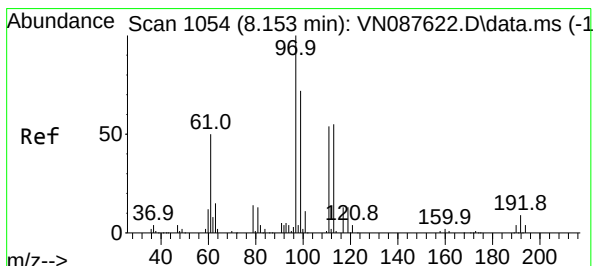
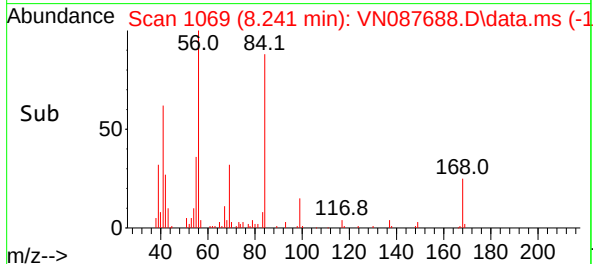
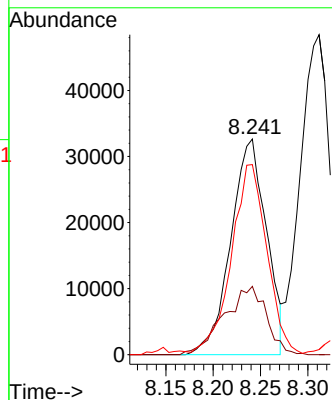
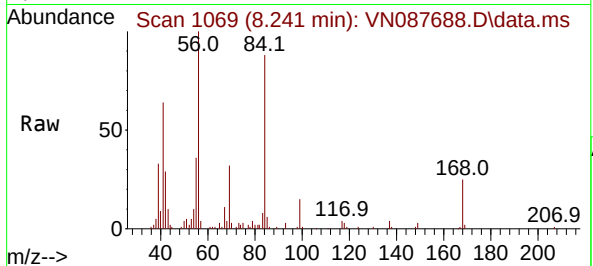




#31
Cyclohexane
Concen: 16.603 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

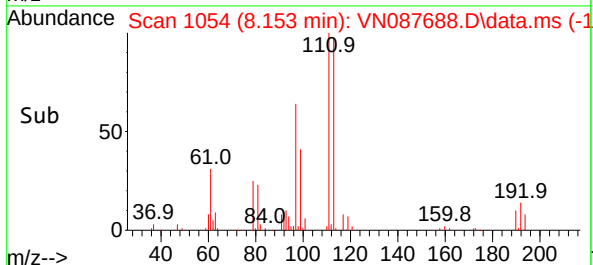
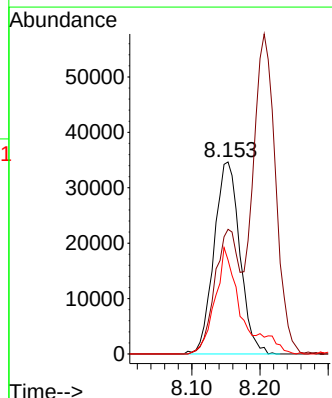
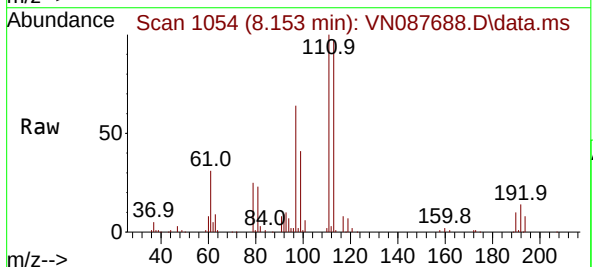
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

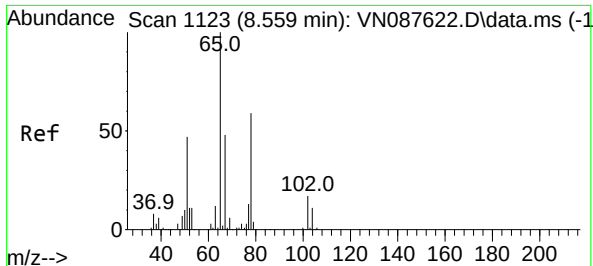
Tgt Ion: 56 Resp: 85499
Ion Ratio Lower Upper
56 100
69 31.7 23.7 35.5
84 86.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.067 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 97 Resp: 91195
Ion Ratio Lower Upper
97 100
99 58.4 52.2 78.2
61 49.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.288 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

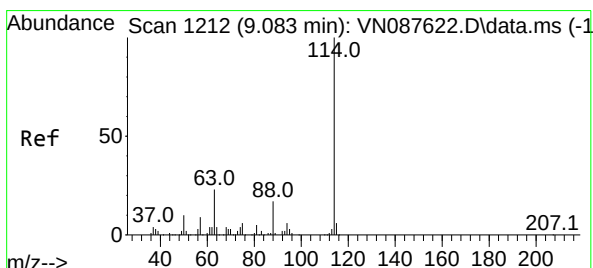
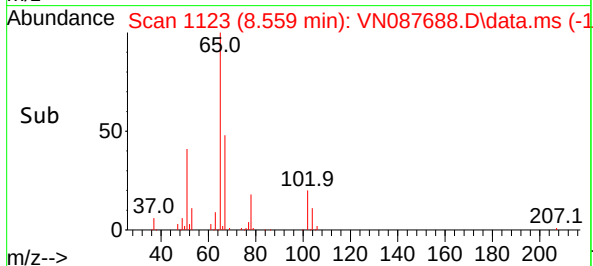
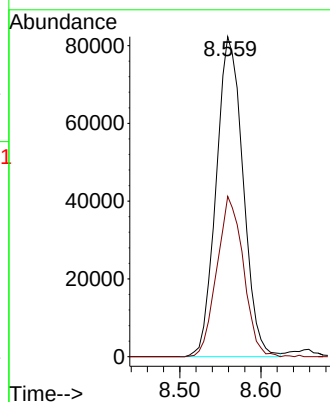
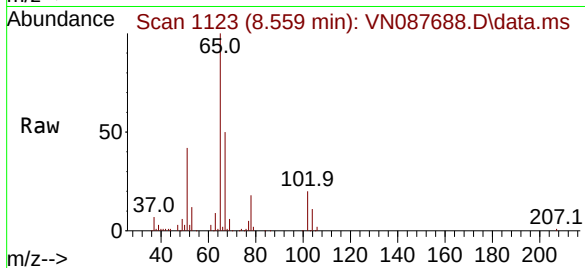
VN0828WBSD01

Tgt Ion: 65 Resp: 189511

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

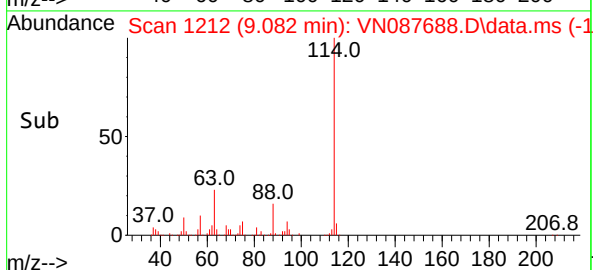
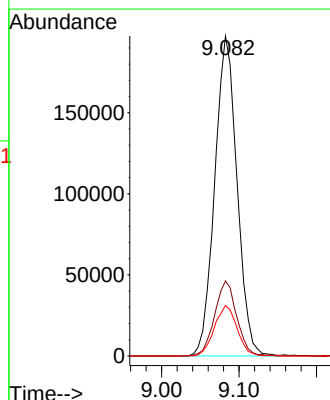
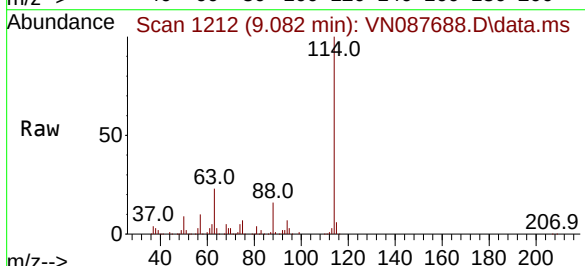
Tgt Ion: 114 Resp: 394131

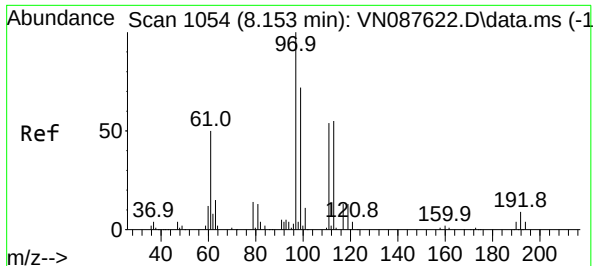
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 15.8 0.0 33.4

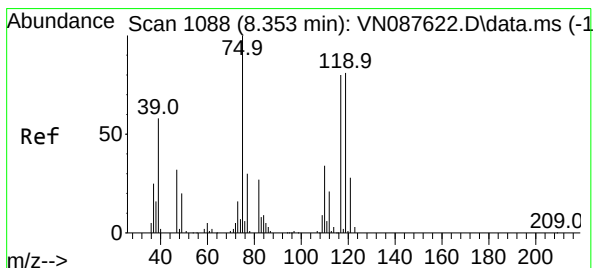
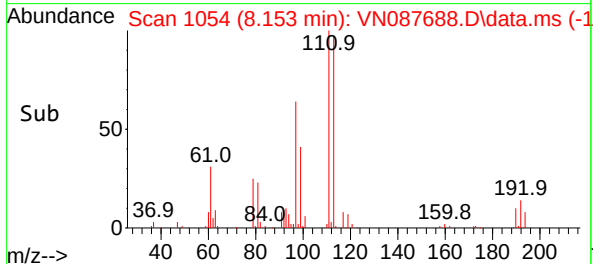
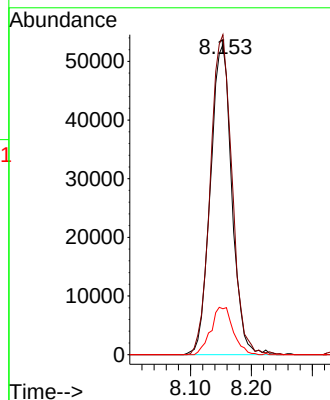
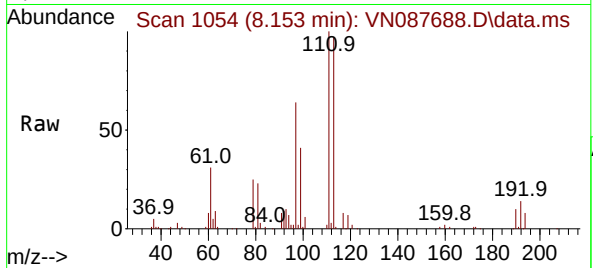




#35
Dibromofluoromethane
Concen: 45.313 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

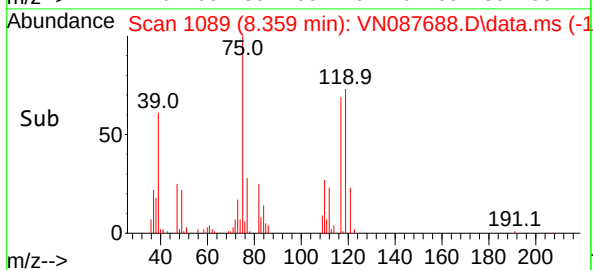
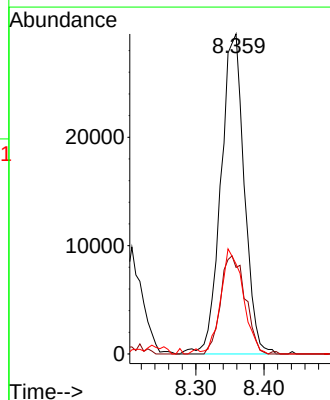
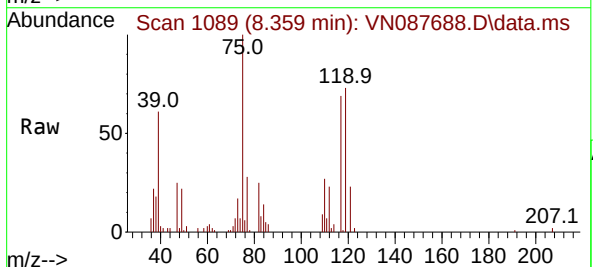
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

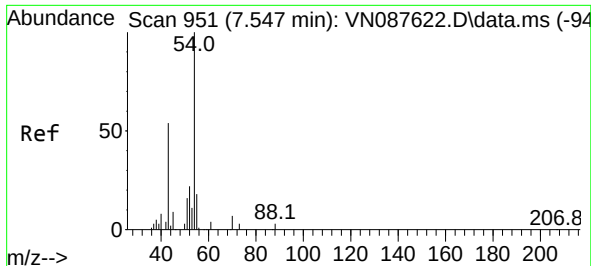
Tgt Ion:113 Resp: 128944
Ion Ratio Lower Upper
113 100
111 104.8 82.8 124.2
192 15.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 16.146 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 75 Resp: 70486
Ion Ratio Lower Upper
75 100
110 32.3 15.9 47.6
77 31.5 24.4 36.6

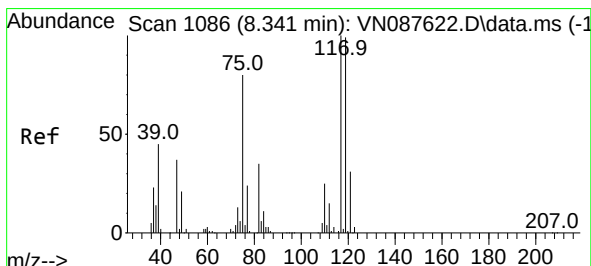
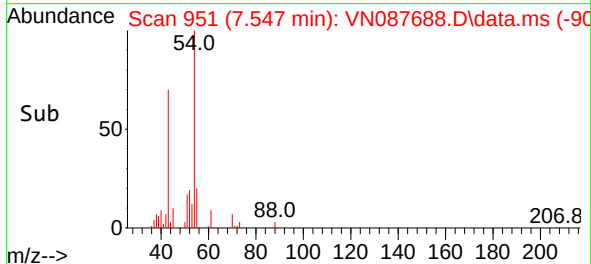
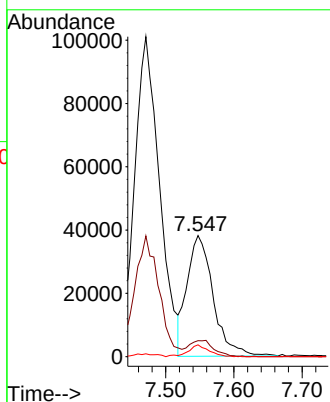
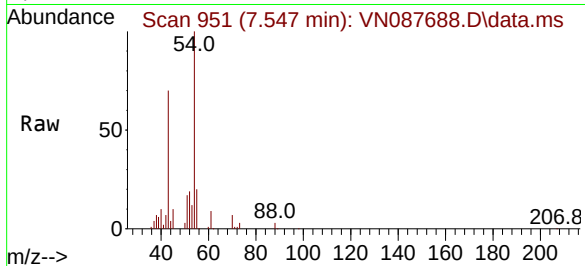




#37
Ethyl Acetate
Concen: 16.976 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

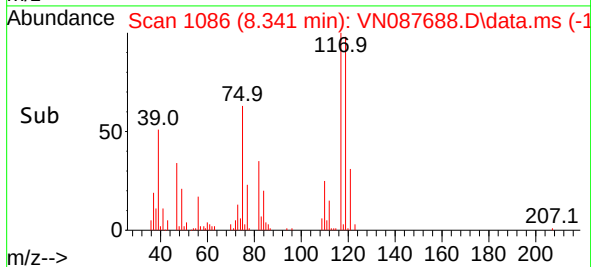
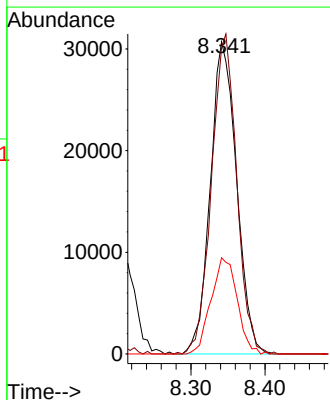
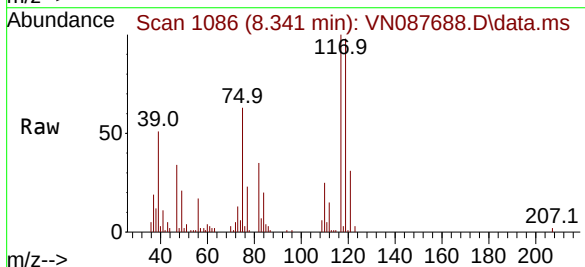
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

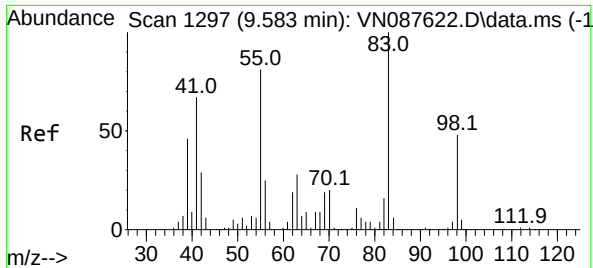
Tgt Ion: 43 Resp: 101271
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 7.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 17.513 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 117 Resp: 75485
Ion Ratio Lower Upper
117 100
119 98.1 79.0 118.6
121 30.8 25.0 37.6





#39

Methylcyclohexane

Concen: 15.844 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

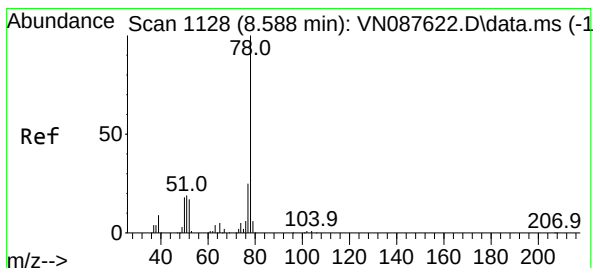
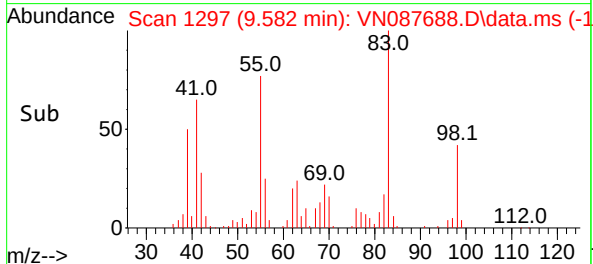
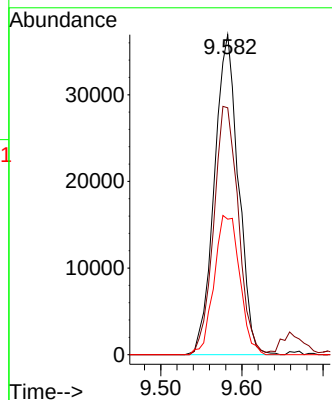
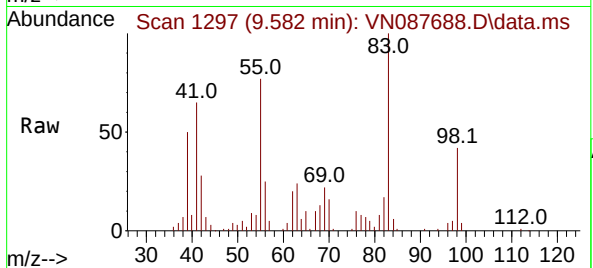
Tgt Ion: 83 Resp: 76152

Ion Ratio Lower Upper

83 100

55 77.1 64.6 96.8

98 42.4 38.4 57.6



#40

Benzene

Concen: 17.387 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087688.D

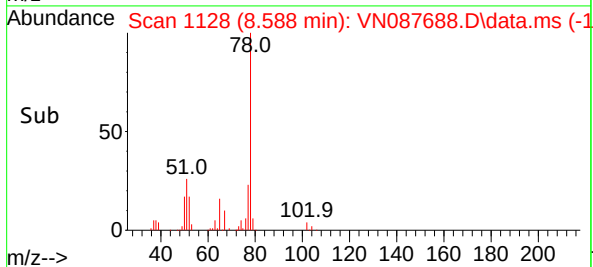
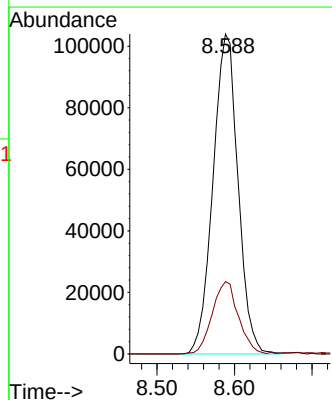
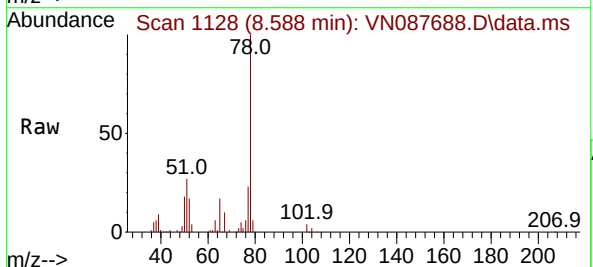
Acq: 28 Aug 2025 16:11

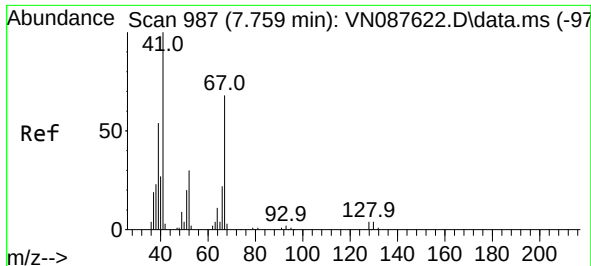
Tgt Ion: 78 Resp: 232806

Ion Ratio Lower Upper

78 100

77 22.6 19.7 29.5

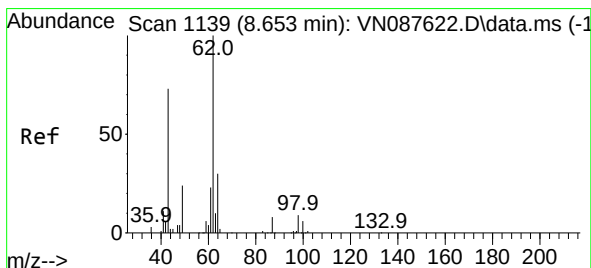
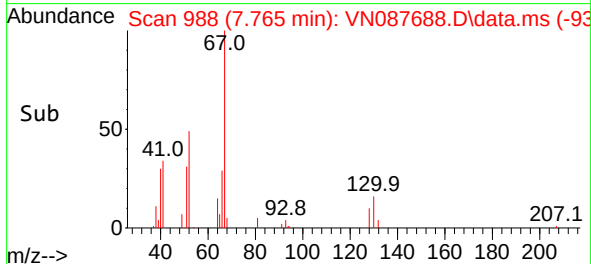
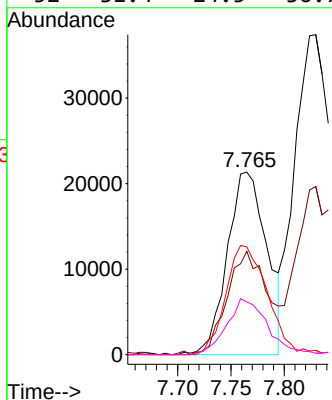
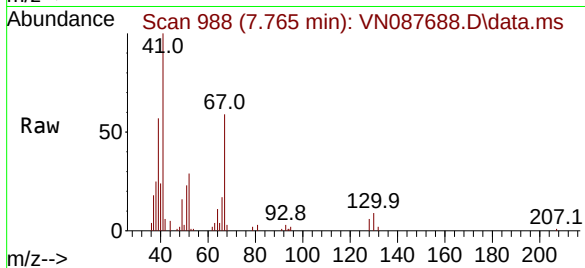




#41
Methacrylonitrile
Concen: 17.907 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

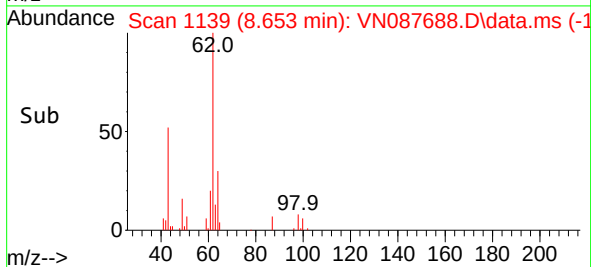
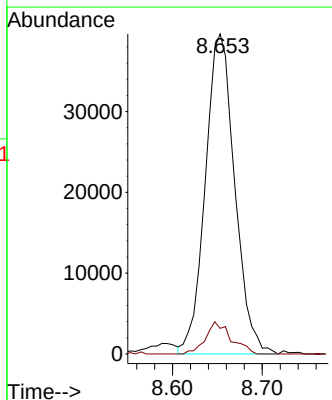
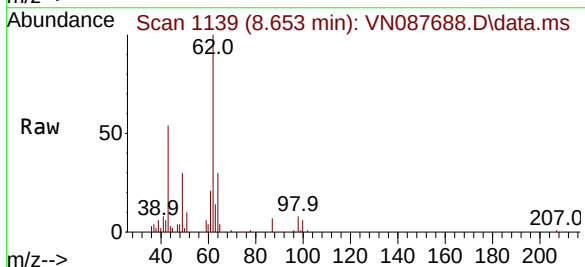
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

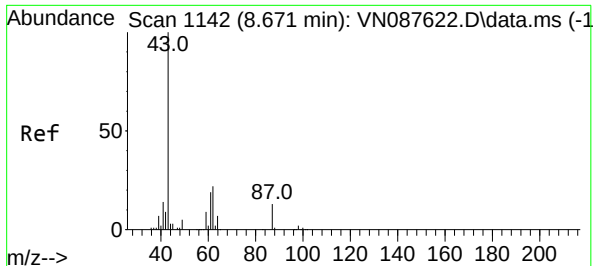
Tgt Ion:	41	Resp:	55335
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.4	68.0
67	63.3	55.3	82.9
52	31.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.525 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:	62	Resp:	90174
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

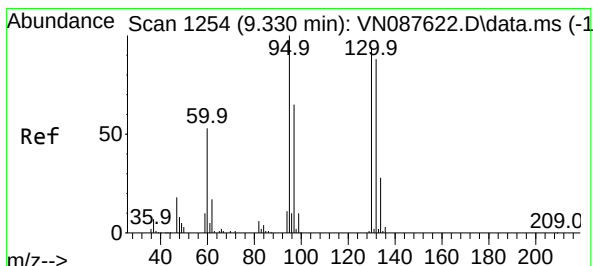
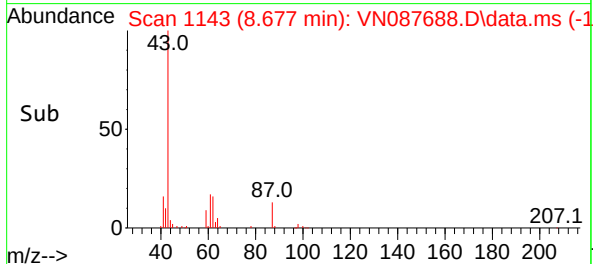
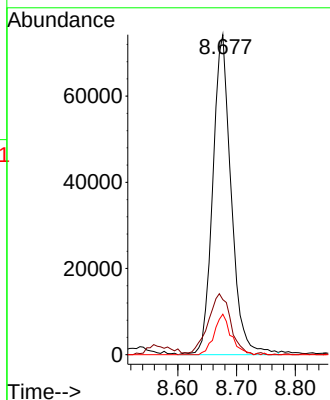
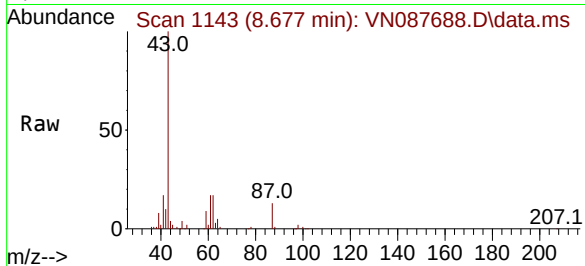




#43
Isopropyl Acetate
Concen: 17.322 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

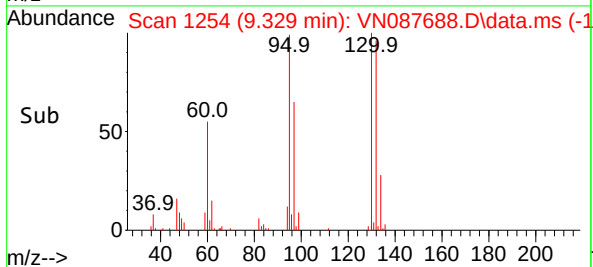
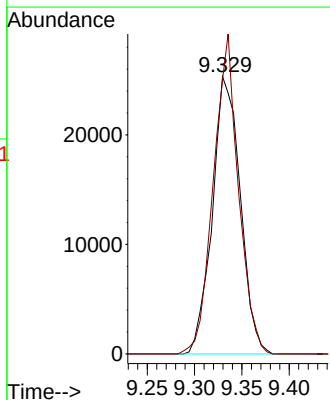
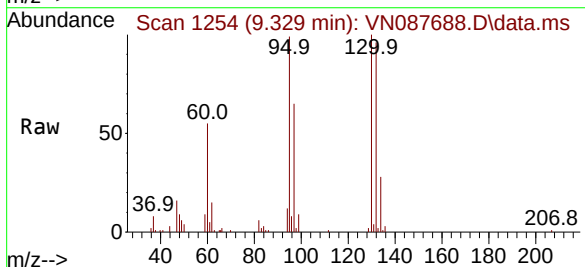
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

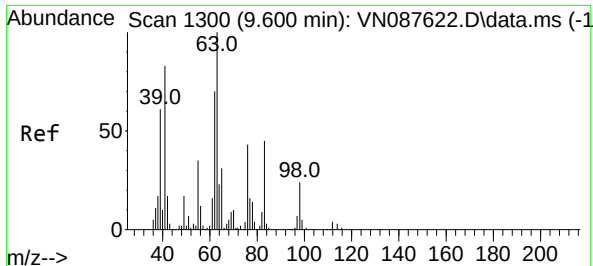
Tgt Ion: 43 Resp: 161328
Ion Ratio Lower Upper
43 100
61 23.2 18.8 28.2
87 11.6 9.6 14.4



#44
Trichloroethene
Concen: 16.979 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:130 Resp: 51904
Ion Ratio Lower Upper
130 100
95 98.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.680 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

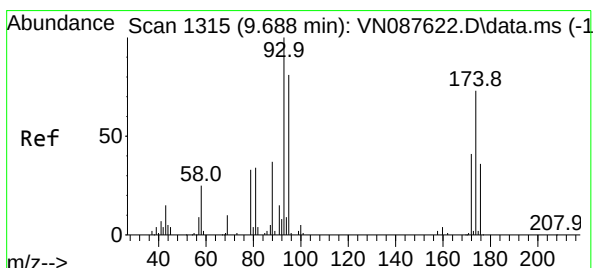
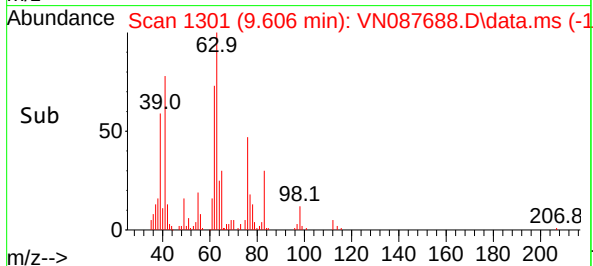
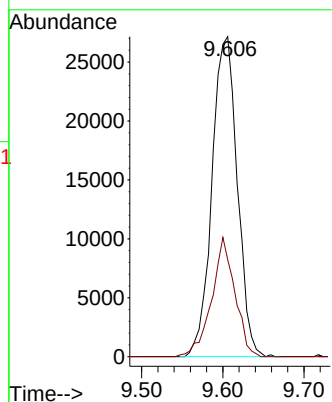
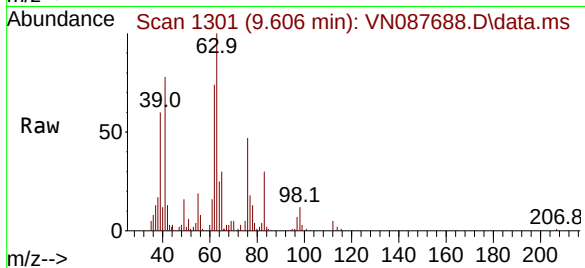
VN0828WBSD01

Tgt Ion: 63 Resp: 58871

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 17.678 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

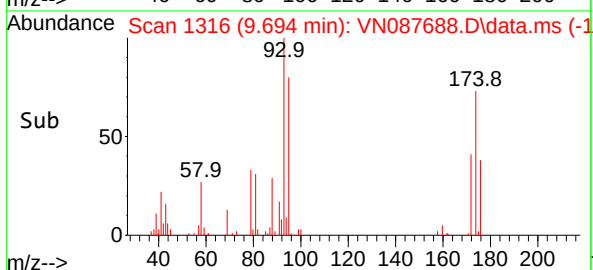
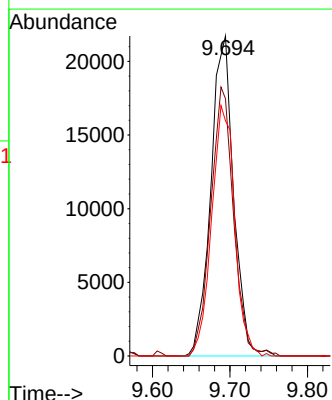
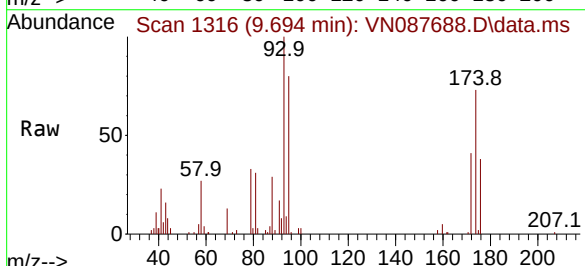
Tgt Ion: 93 Resp: 44399

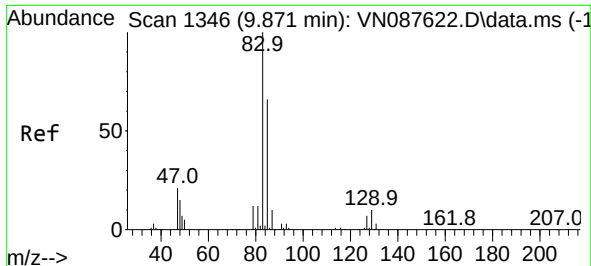
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 79.1 63.4 95.2

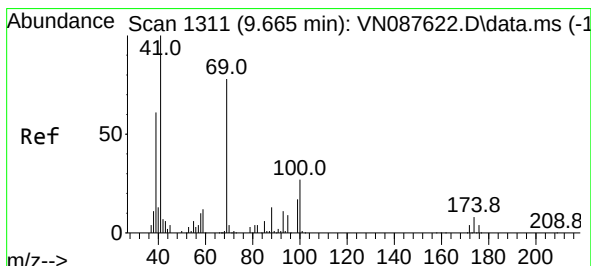
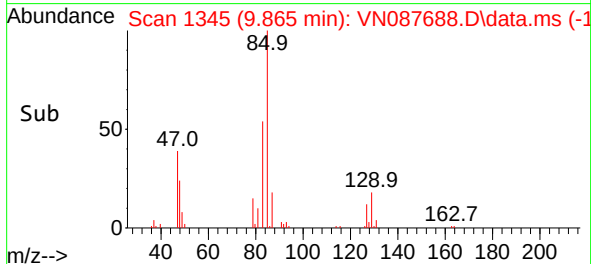
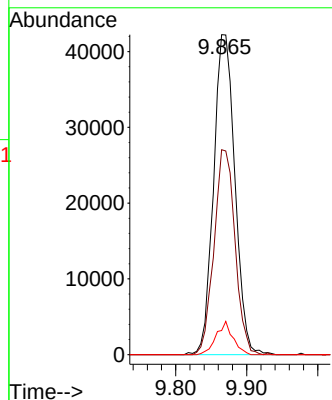
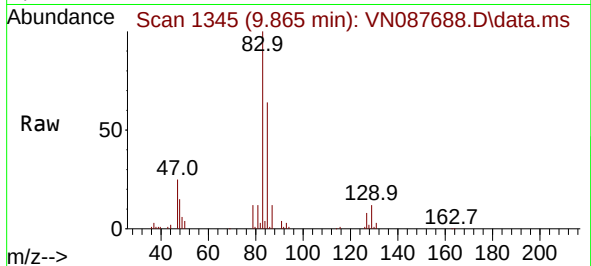




#47
Bromodichloromethane
Concen: 17.090 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

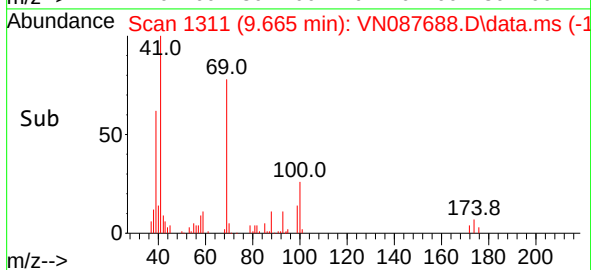
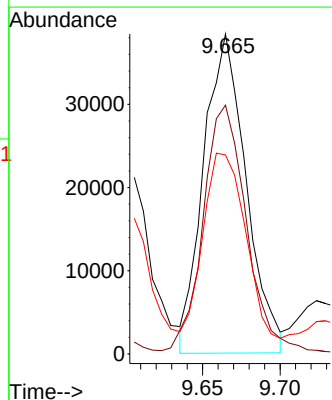
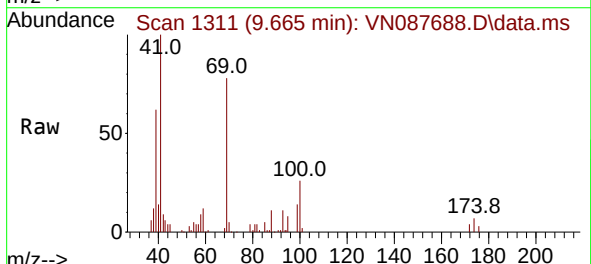
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

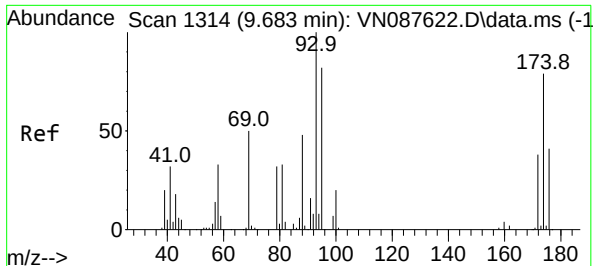
Tgt Ion: 83 Resp: 87969
Ion Ratio Lower Upper
83 100
85 64.1 52.5 78.7
127 7.5 5.8 8.6



#48
Methyl methacrylate
Concen: 16.550 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 41 Resp: 72910
Ion Ratio Lower Upper
41 100
69 80.7 62.7 94.1
39 66.3 52.9 79.3





#49

1,4-Dioxane

Concen: 350.790 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

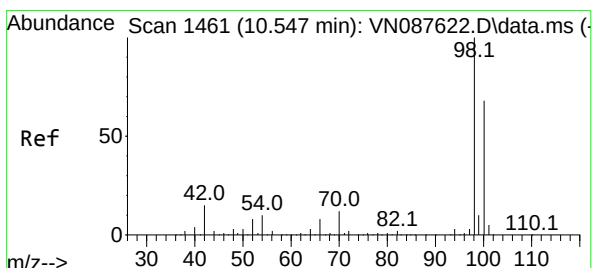
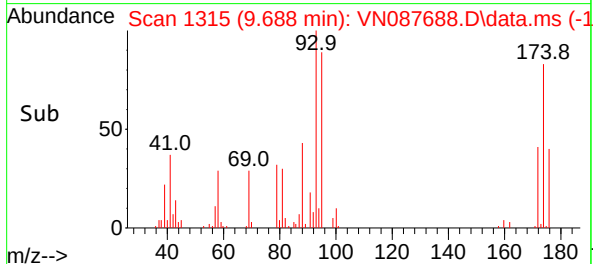
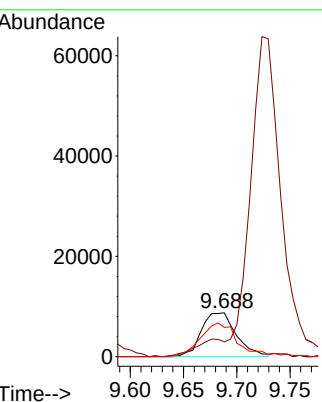
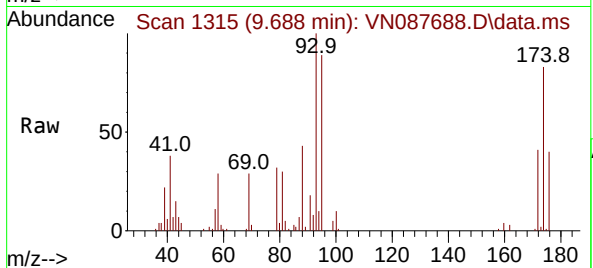
Tgt Ion: 88 Resp: 20030

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 83.4 57.9 86.9



#50

Toluene-d8

Concen: 45.015 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087688.D

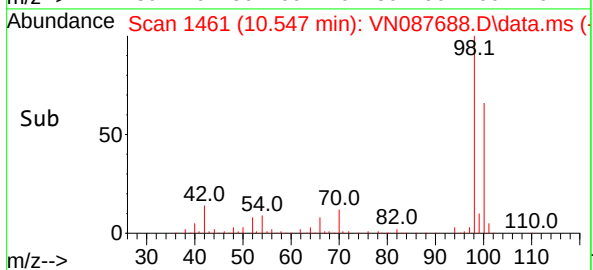
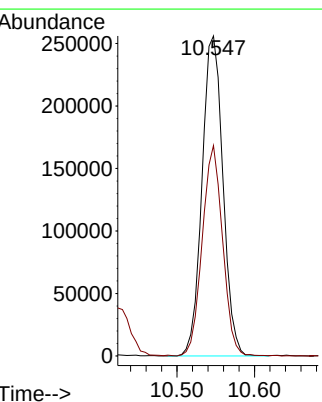
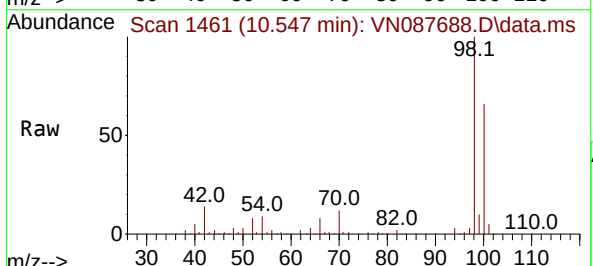
Acq: 28 Aug 2025 16:11

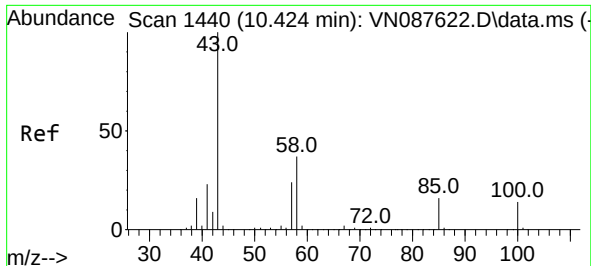
Tgt Ion: 98 Resp: 479435

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

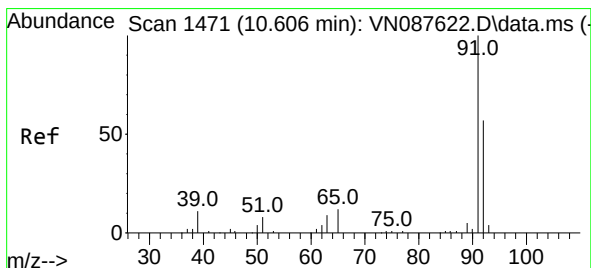
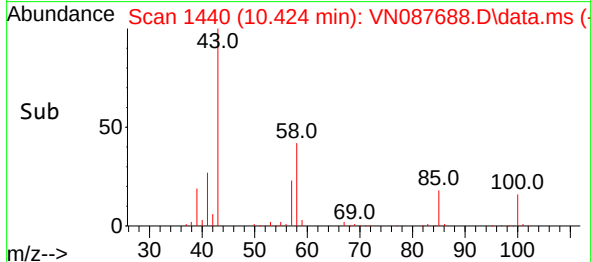
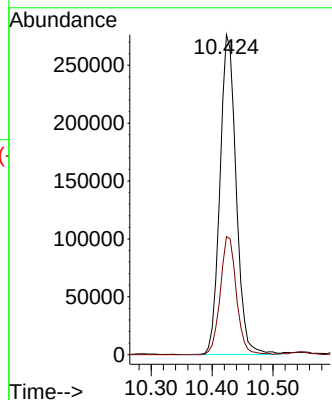
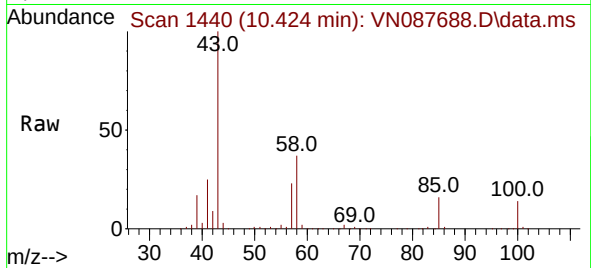




#51
4-Methyl-2-Pentanone
Concen: 90.918 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

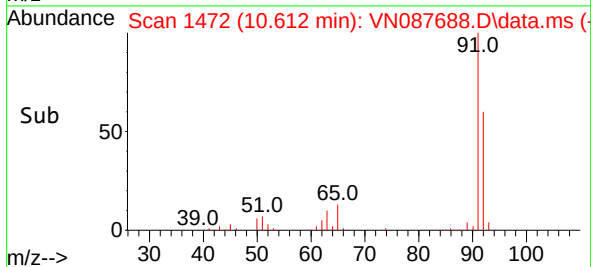
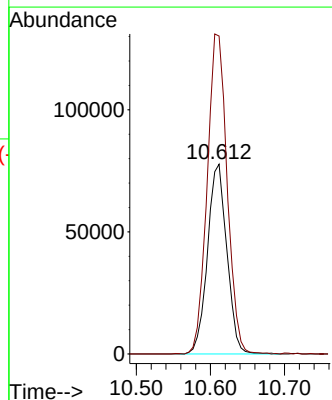
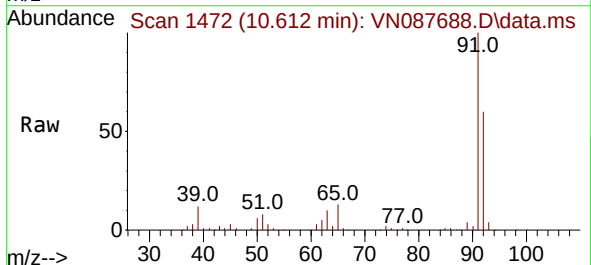
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

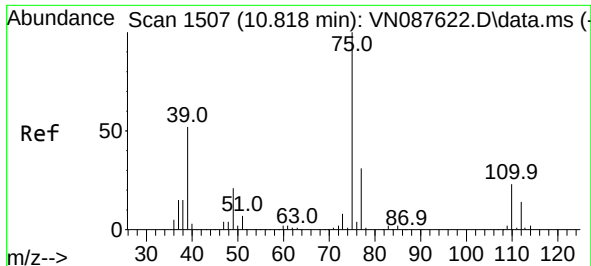
Tgt Ion: 43 Resp: 510894
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4



#52
Toluene
Concen: 16.999 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 92 Resp: 141107
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

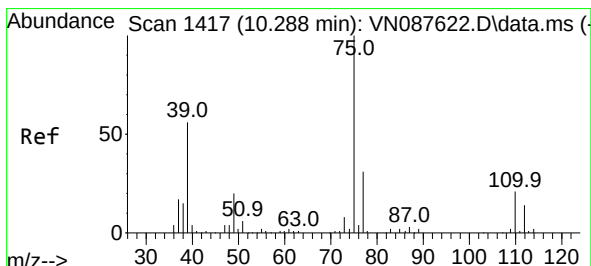
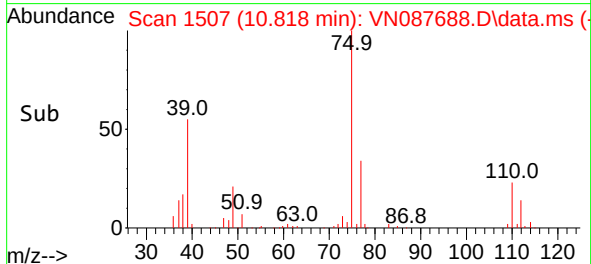
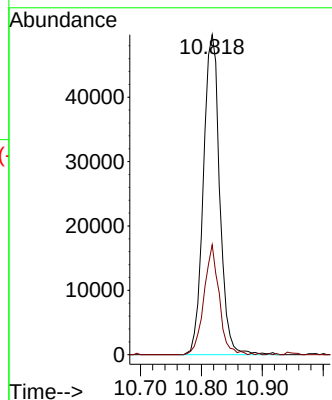
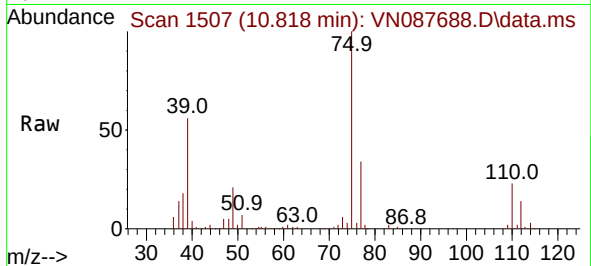




#53
 t-1,3-Dichloropropene
 Concen: 17.367 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

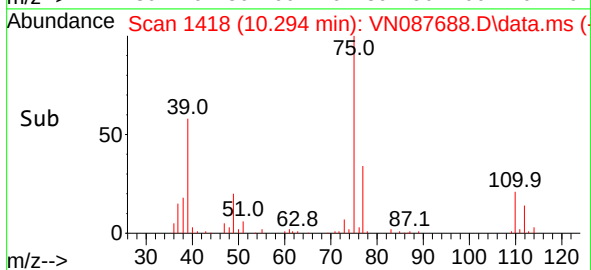
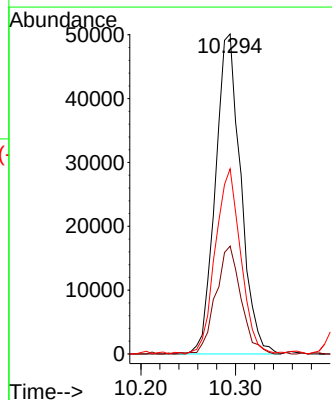
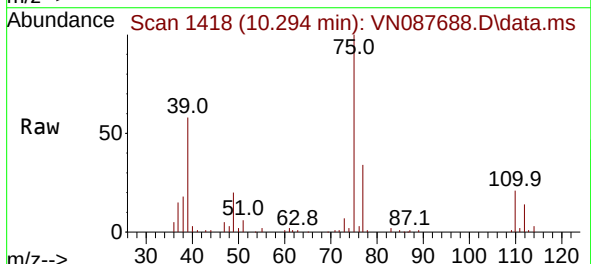
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

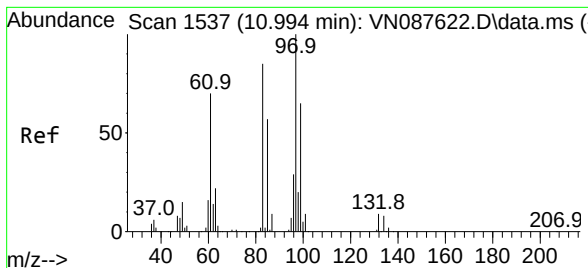
Tgt Ion: 75 Resp: 92531
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 16.880 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

Tgt Ion: 75 Resp: 93385
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.6 37.0
 39 57.5 45.2 67.8

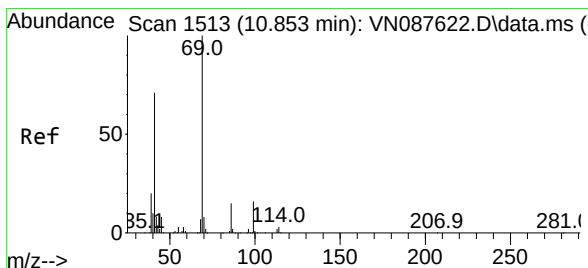
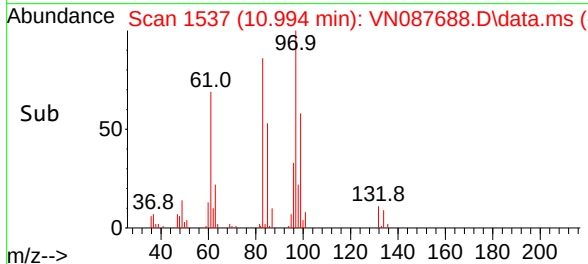
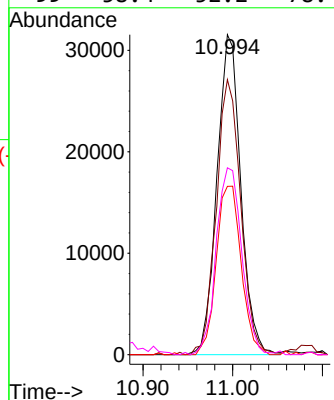
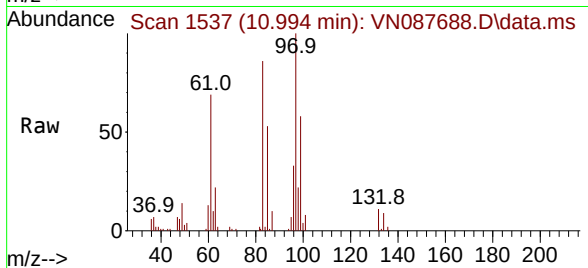




#55
1,1,2-Trichloroethane
Concen: 18.121 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

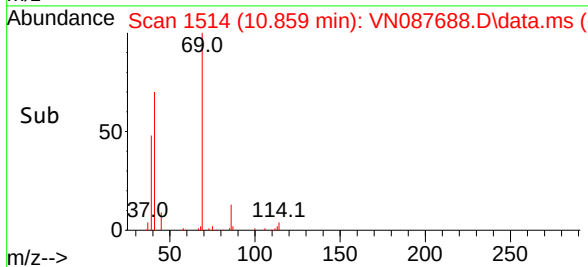
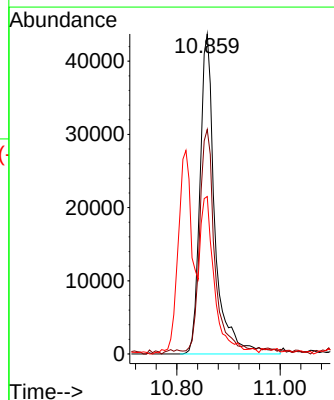
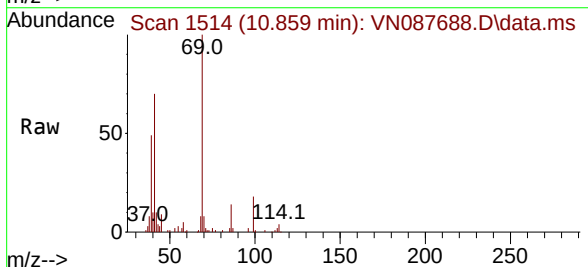
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

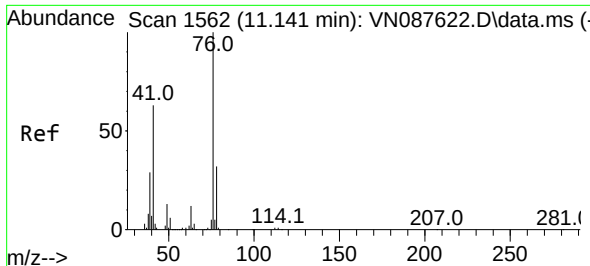
Tgt Ion:	97	Resp:	58189
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.4
85	52.6	45.5	68.3
99	58.4	52.2	78.4



#56
Ethyl methacrylate
Concen: 17.208 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:	69	Resp:	88310
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.5	84.7
39	41.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 17.710 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

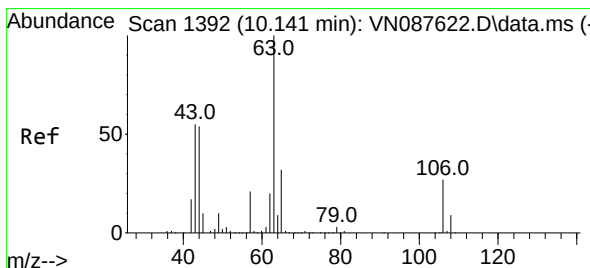
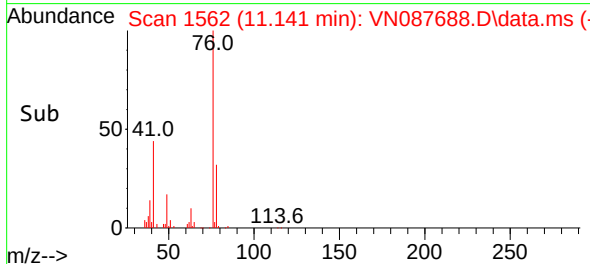
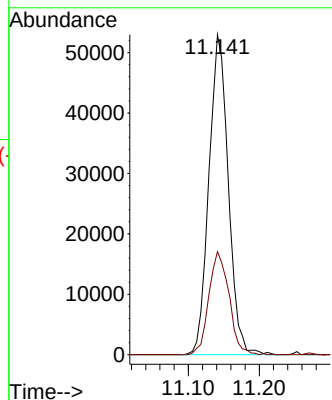
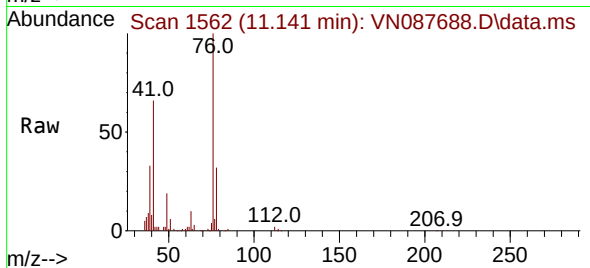
VN0828WBSD01

Tgt Ion: 76 Resp: 100646

Ion Ratio Lower Upper

76 100

78 33.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.946 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087688.D

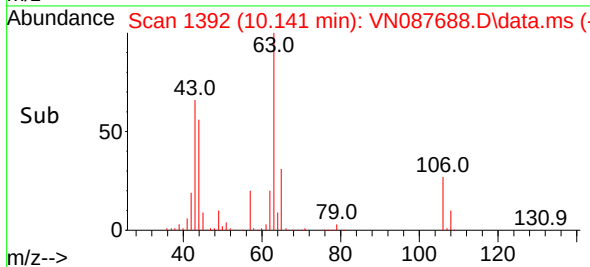
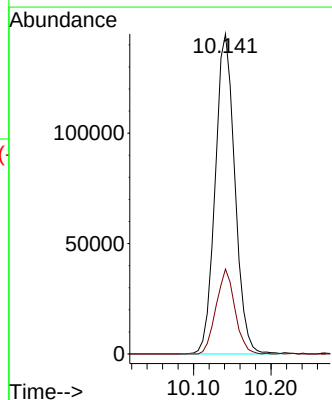
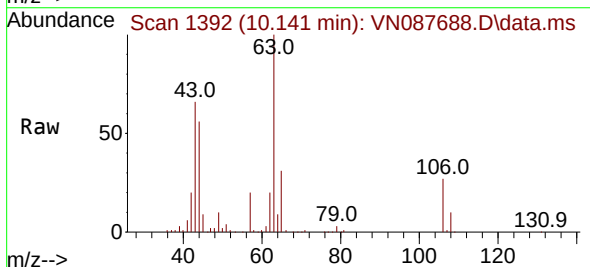
Acq: 28 Aug 2025 16:11

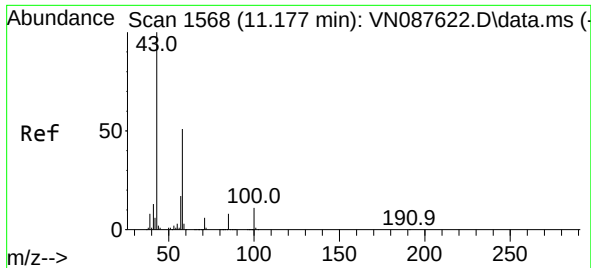
Tgt Ion: 63 Resp: 255390

Ion Ratio Lower Upper

63 100

106 25.4 21.1 31.7

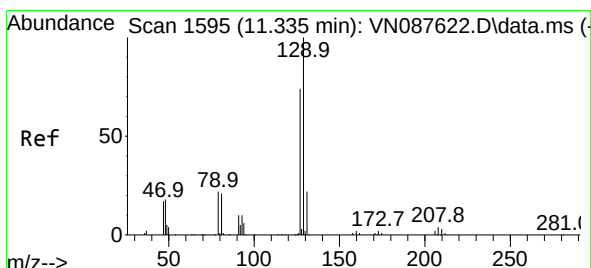
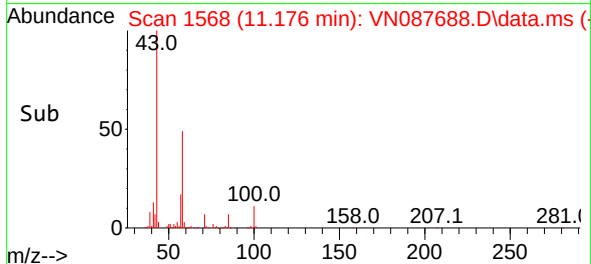
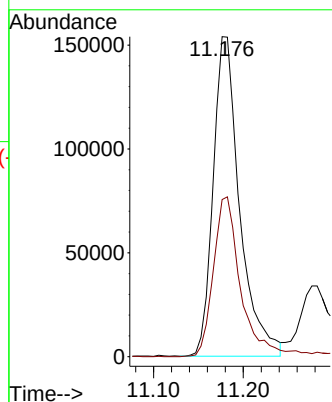
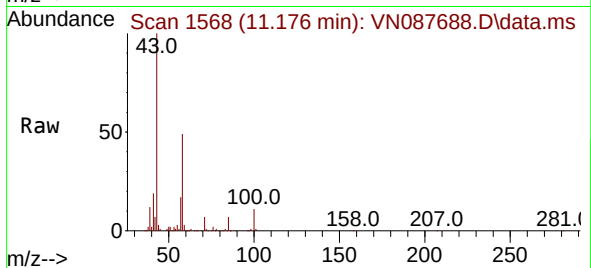




#59
2-Hexanone
Concen: 88.826 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

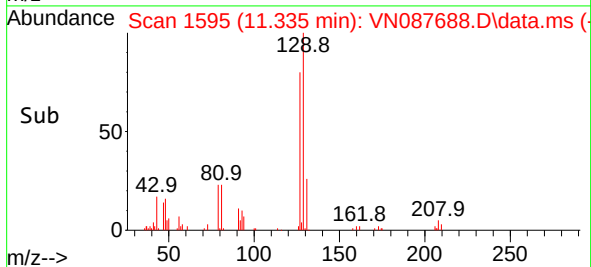
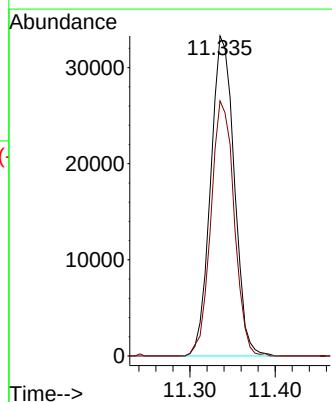
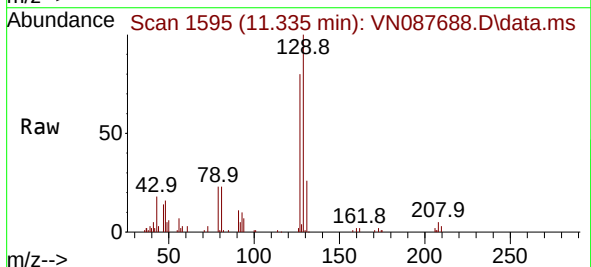
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

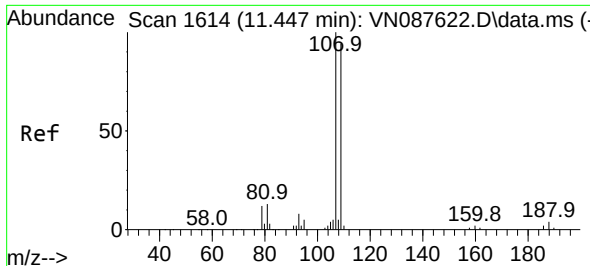
Tgt Ion: 43 Resp: 315454
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 17.213 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 129 Resp: 64047
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

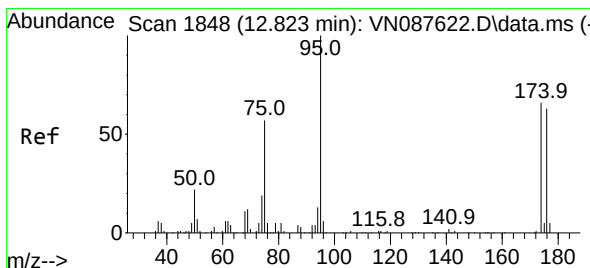
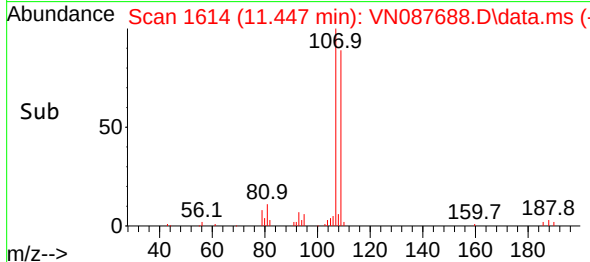
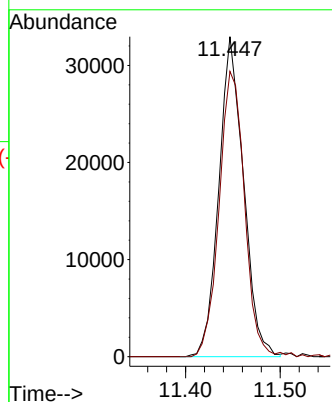
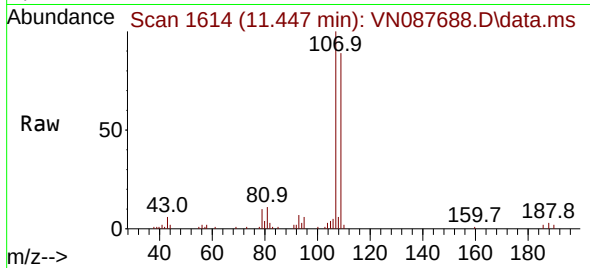




#61
1,2-Dibromoethane
Concen: 17.628 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

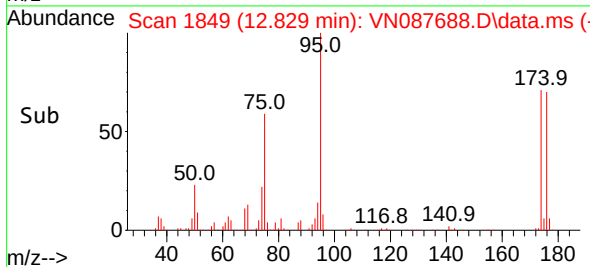
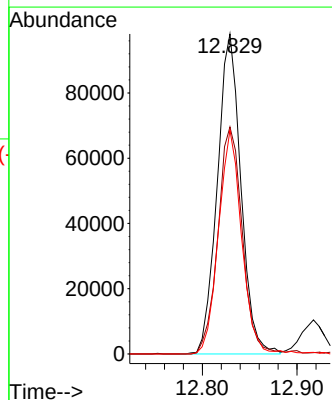
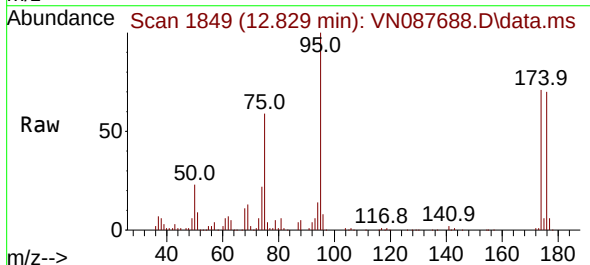
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

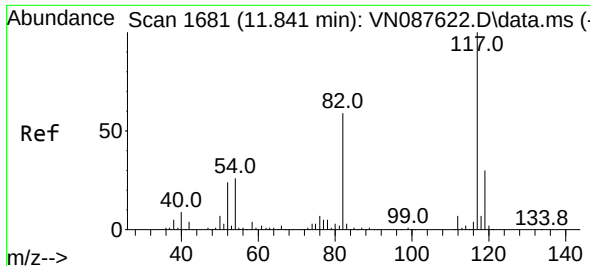
Tgt Ion:107 Resp: 59689
Ion Ratio Lower Upper
107 100
109 91.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.865 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 95 Resp: 169935
Ion Ratio Lower Upper
95 100
174 72.9 0.0 138.4
176 68.7 0.0 132.6

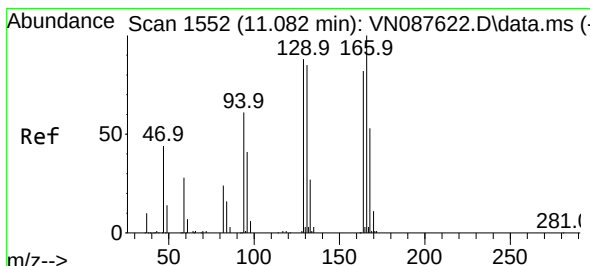
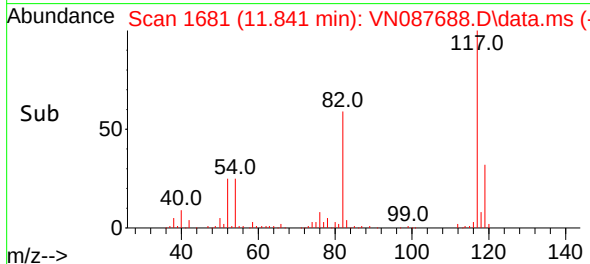
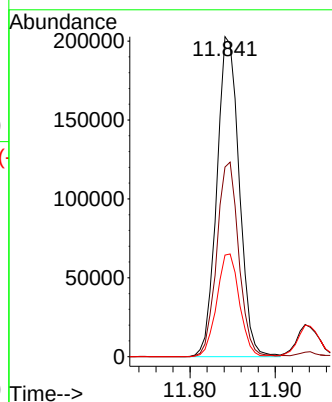
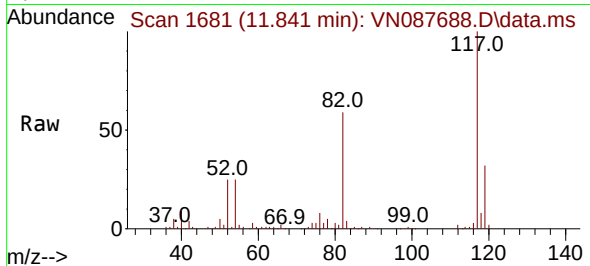




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

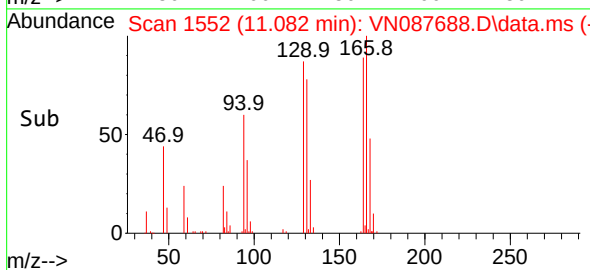
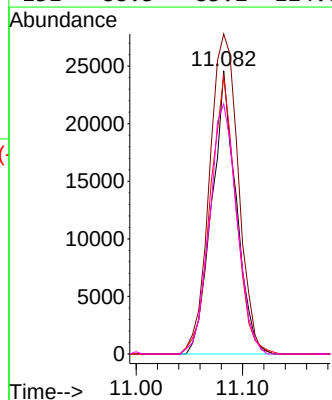
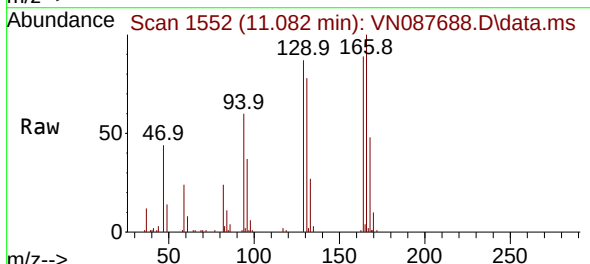
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

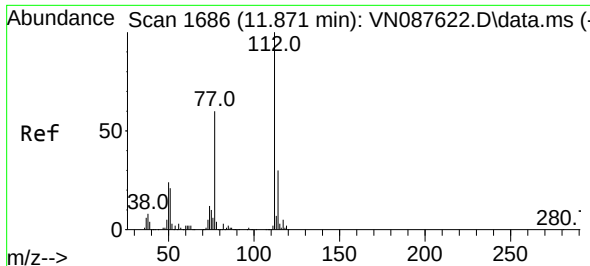
Tgt Ion:117 Resp: 371049
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.8 24.3 36.5



#64
Tetrachloroethene
Concen: 15.162 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:164 Resp: 39032
Ion Ratio Lower Upper
164 100
166 113.0 97.7 146.5
129 98.0 85.9 128.9
131 88.3 83.2 124.8

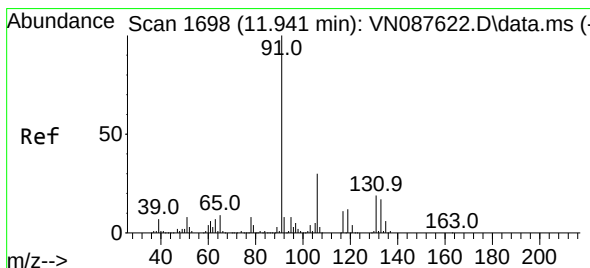
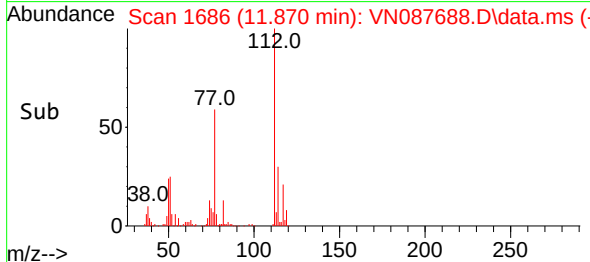
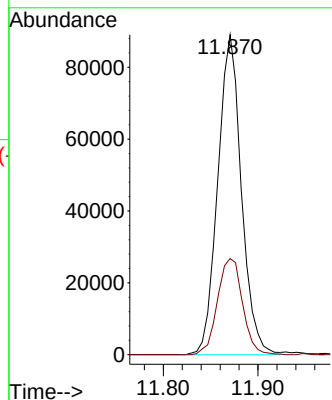
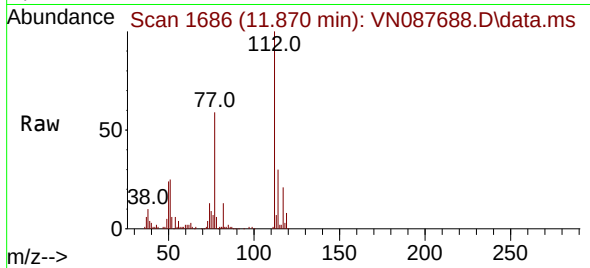




#65
Chlorobenzene
Concen: 16.712 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

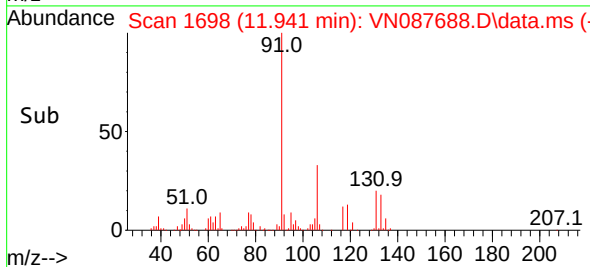
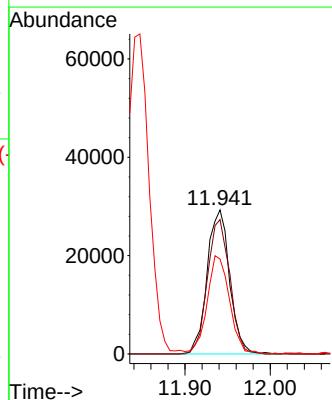
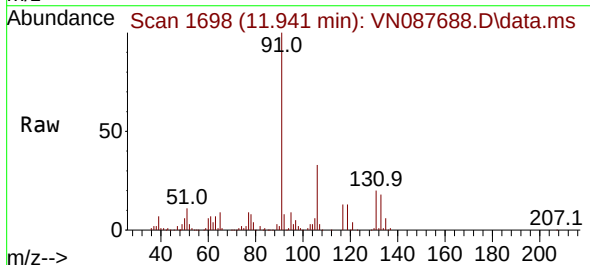
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

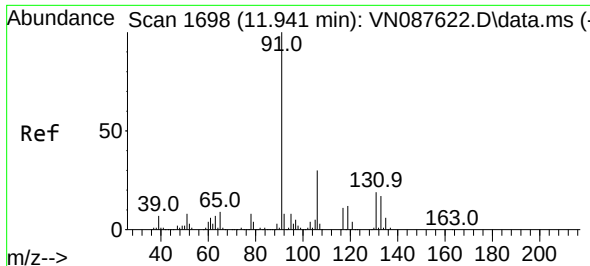
Tgt Ion:112 Resp: 154270
Ion Ratio Lower Upper
112 100
114 30.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.570 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:131 Resp: 53845
Ion Ratio Lower Upper
131 100
133 92.8 48.0 144.0
119 67.8 32.6 97.7

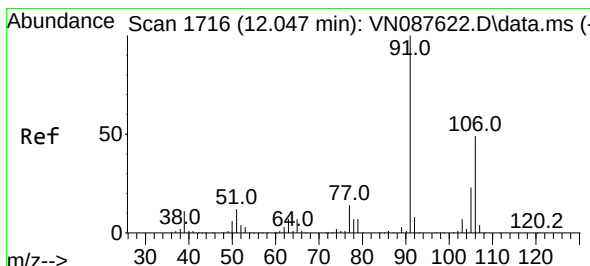
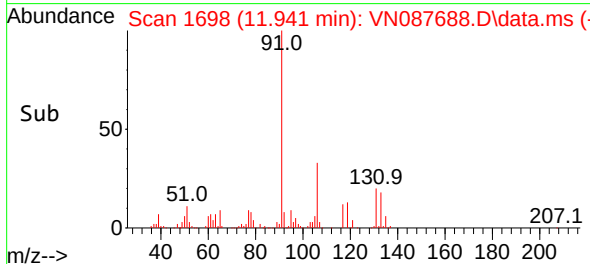
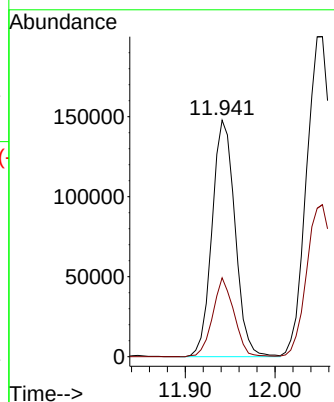
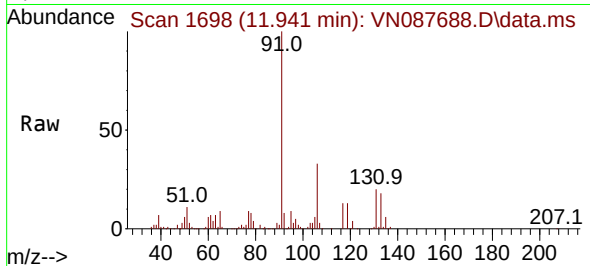




#67
Ethyl Benzene
Concen: 16.452 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

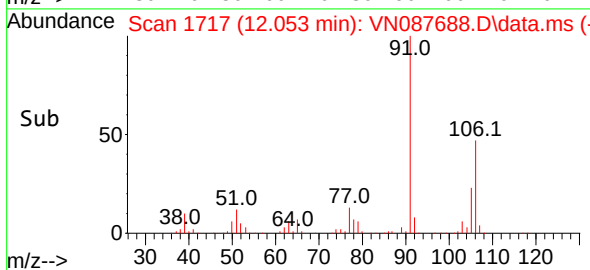
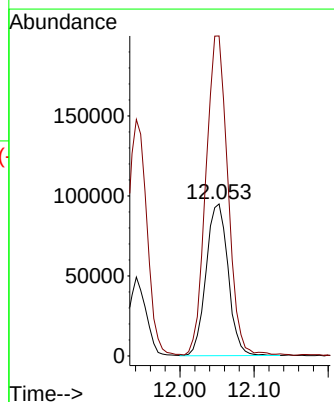
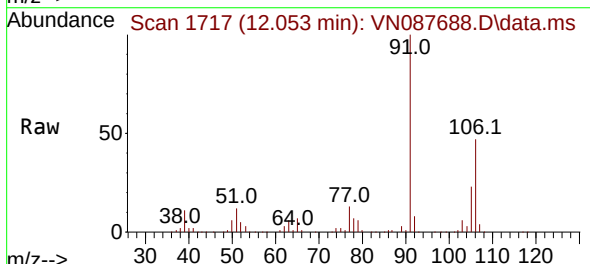
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

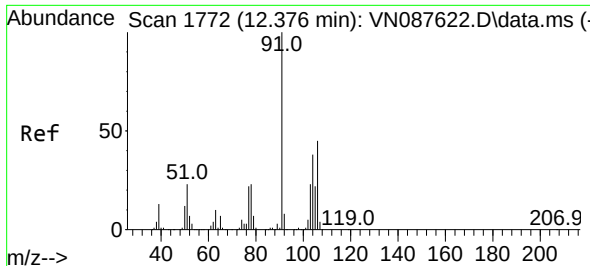
Tgt Ion: 91 Resp: 262957
Ion Ratio Lower Upper
91 100
106 33.3 24.1 36.1



#68
m/p-Xylenes
Concen: 33.431 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 106 Resp: 195962
Ion Ratio Lower Upper
106 100
91 208.8 169.3 253.9

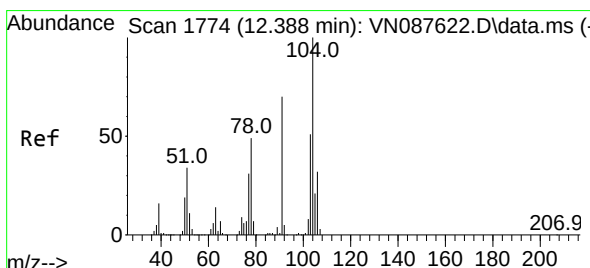
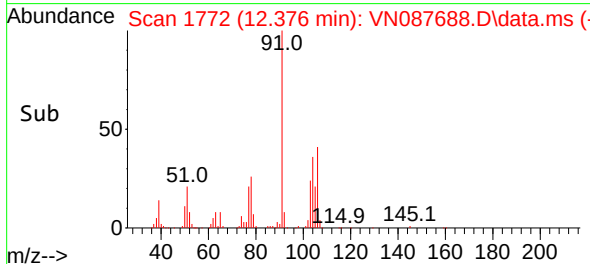
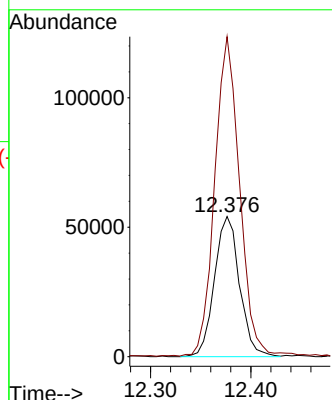
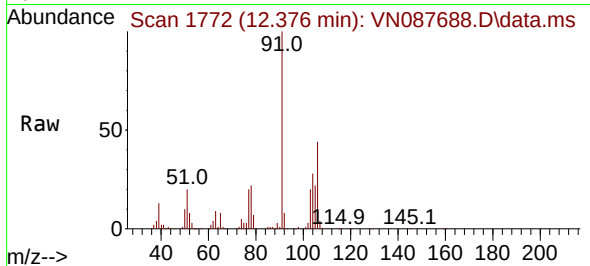




#69
o-Xylene
Concen: 16.377 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

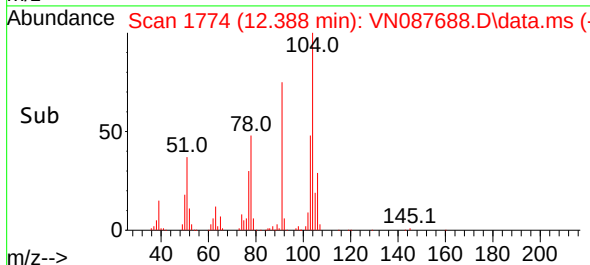
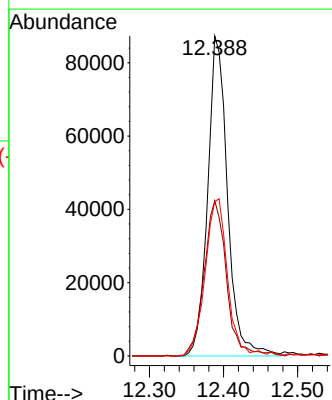
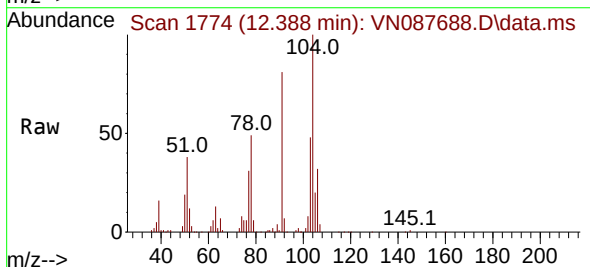
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

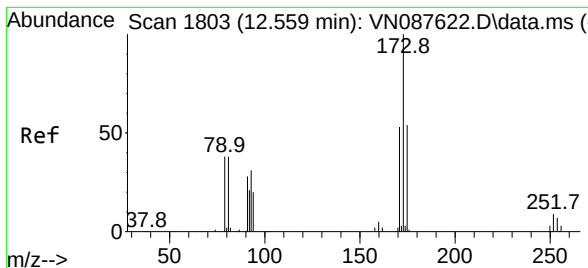
Tgt Ion:106 Resp: 94077
Ion Ratio Lower Upper
106 100
91 227.0 111.4 334.2



#70
Styrene
Concen: 16.869 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:104 Resp: 162346
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.3 43.4 65.2





#71

Bromoform

Concen: 17.101 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

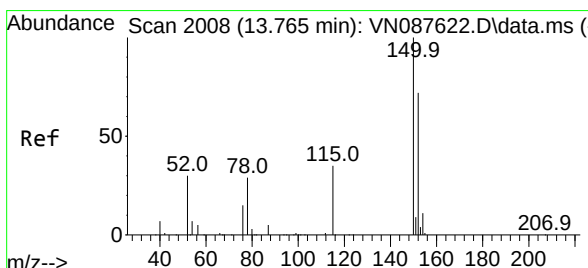
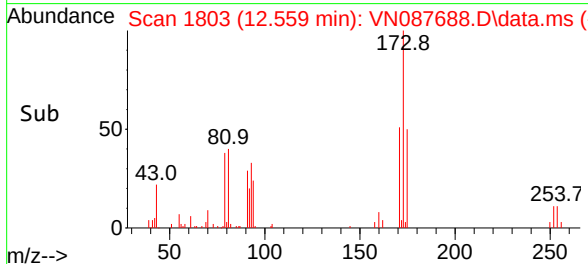
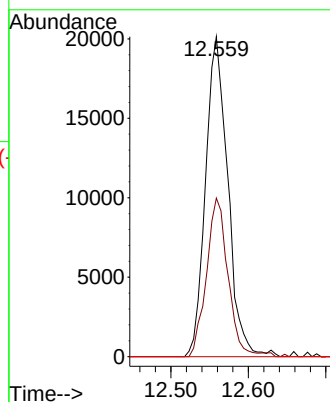
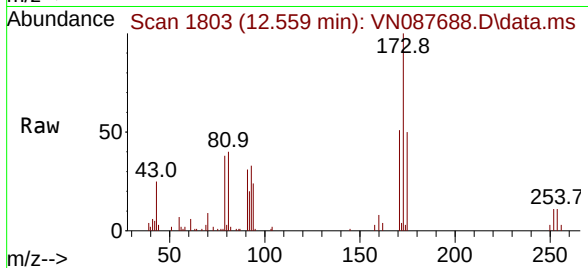
Tgt Ion:173 Resp: 40192

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

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. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

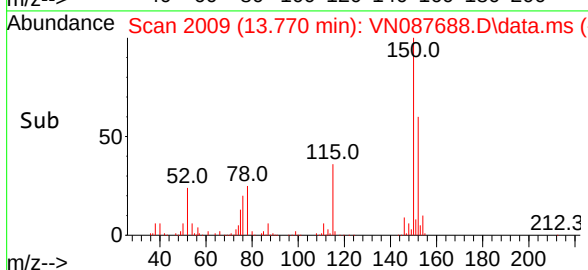
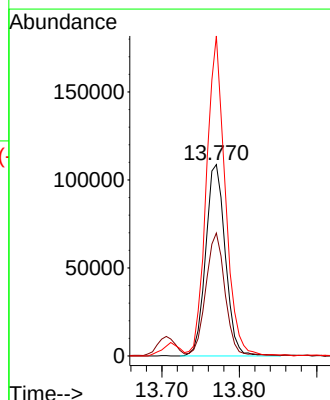
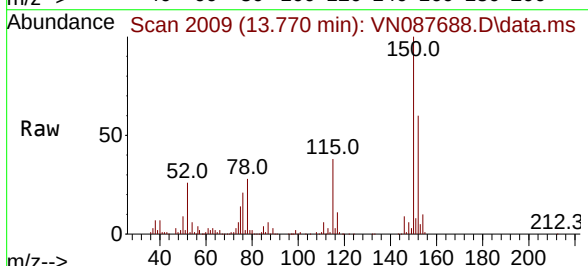
Tgt Ion:152 Resp: 191364

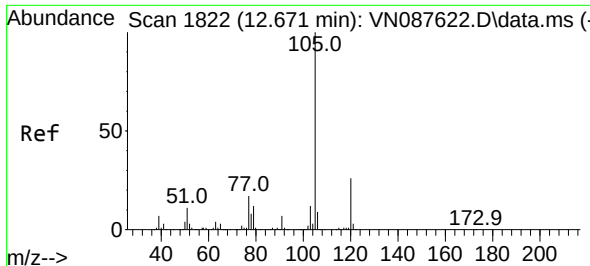
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 159.1 0.0 351.0

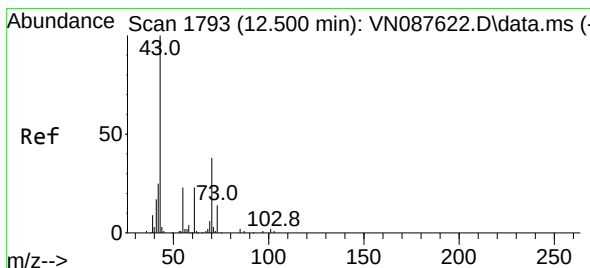
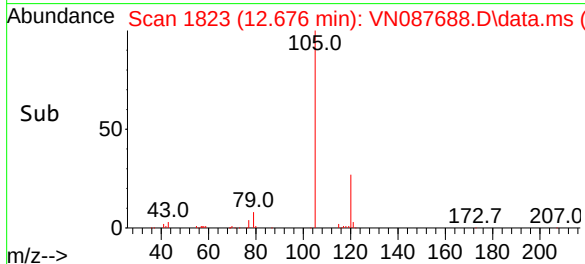
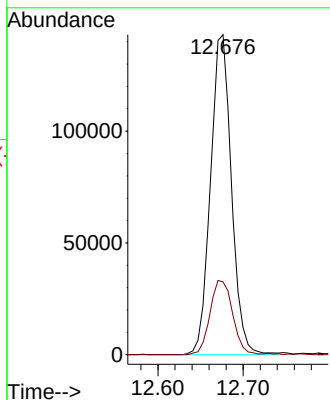
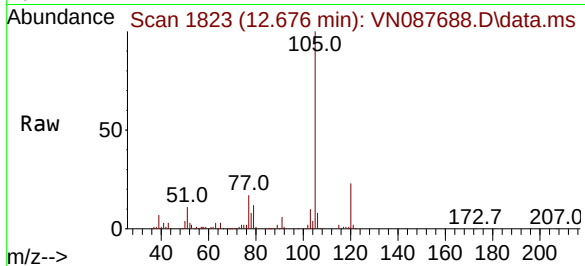




#73
Isopropylbenzene
Concen: 15.855 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

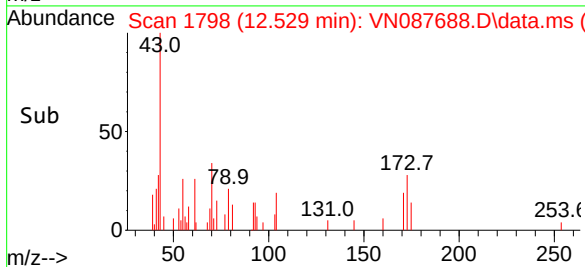
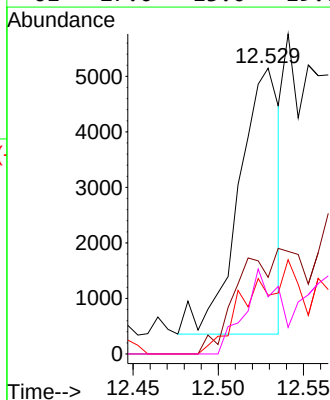
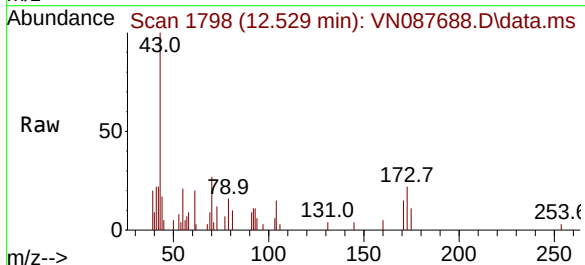
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

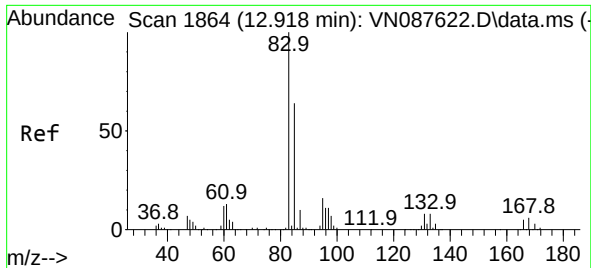
Tgt Ion:105 Resp: 245181
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3



#74
N-ethyl acetate
Concen: 1.357 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 43 Resp: 7952
Ion Ratio Lower Upper
43 100
70 17.4 27.6 41.4#
55 44.2 13.0 19.6#
61 27.0 13.0 19.6#

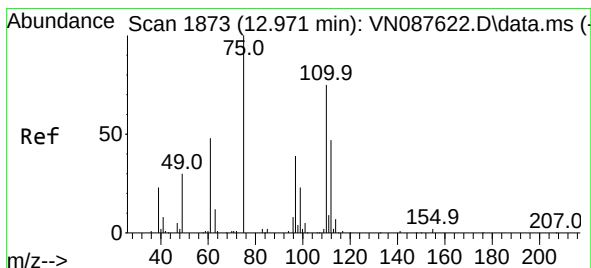
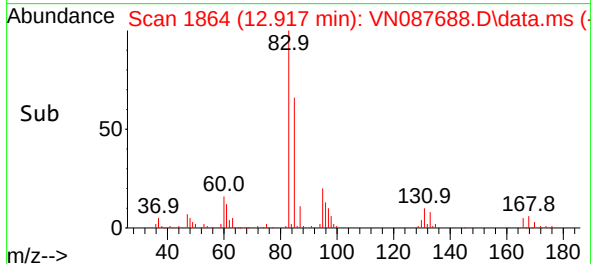
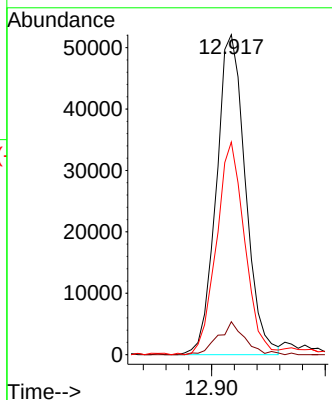
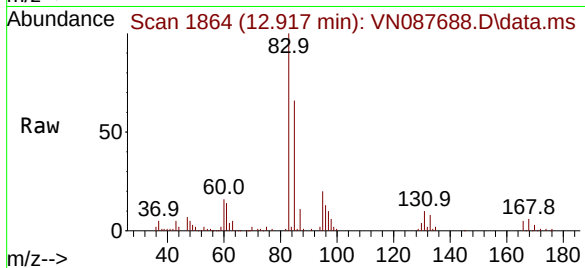




#75
1,1,2,2-Tetrachloroethane
Concen: 17.392 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

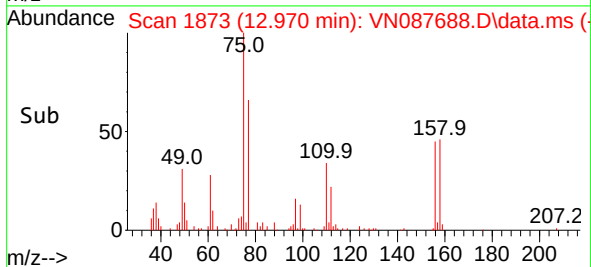
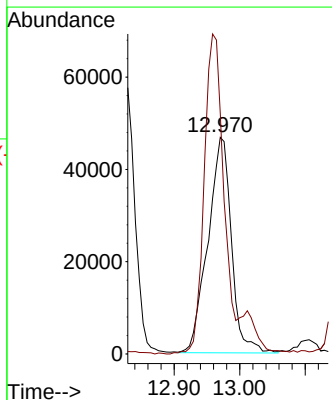
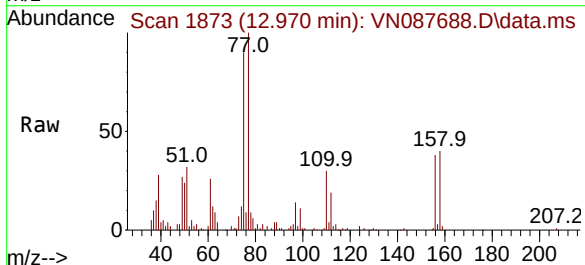
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

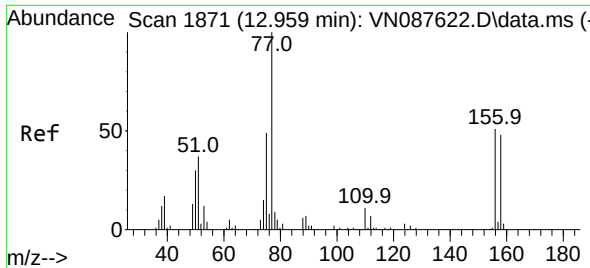
Tgt Ion:	83	Resp:	92593
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	64.5	32.1	96.3



#76
1,2,3-Trichloropropane
Concen: 25.971 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:	75	Resp:	116546
Ion	Ratio	Lower	Upper
75	100		
77	124.7	89.1	267.4

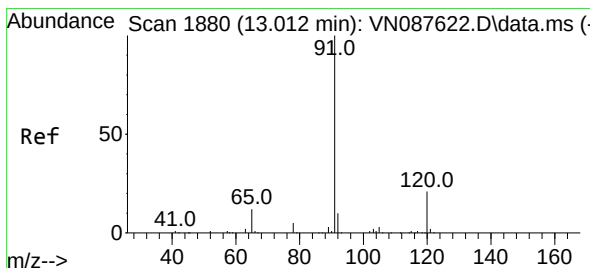
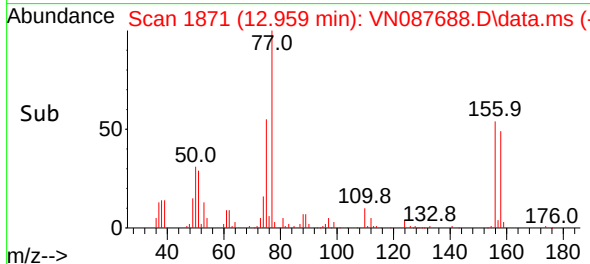
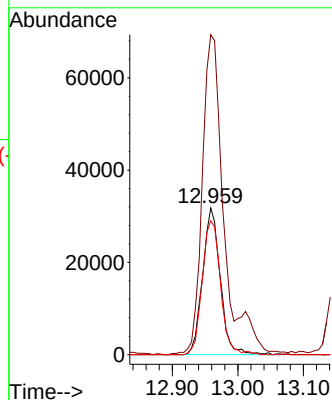
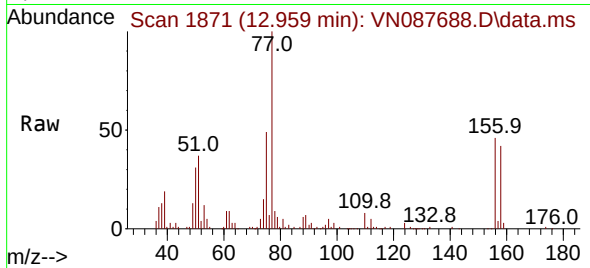




#77
Bromobenzene
Concen: 16.363 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

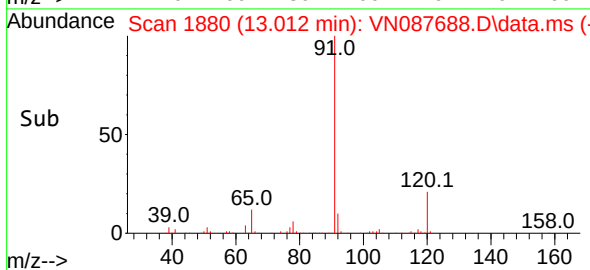
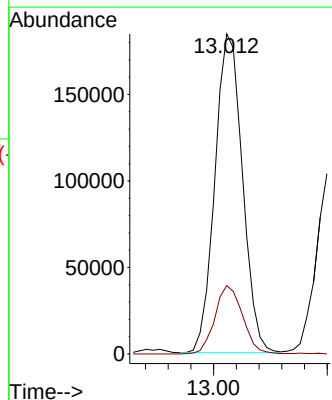
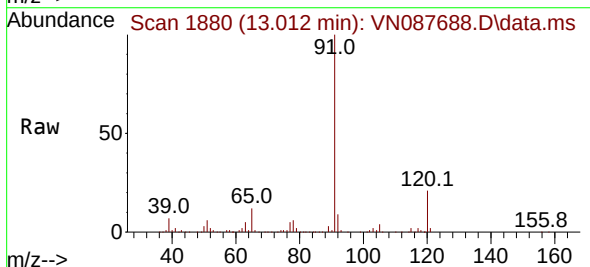
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

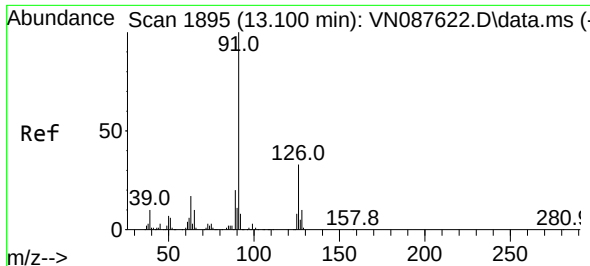
Tgt Ion:156 Resp: 59661
Ion Ratio Lower Upper
156 100
77 243.7 119.3 358.0
158 94.8 48.2 144.6



#78
n-propylbenzene
Concen: 16.287 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 91 Resp: 310228
Ion Ratio Lower Upper
91 100
120 21.6 10.7 32.1

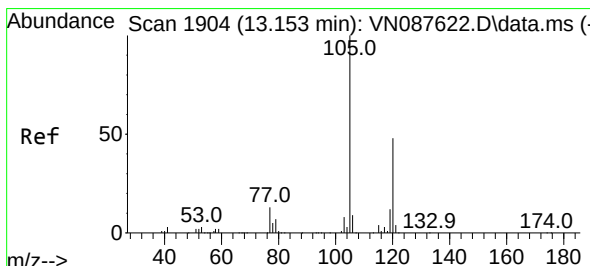
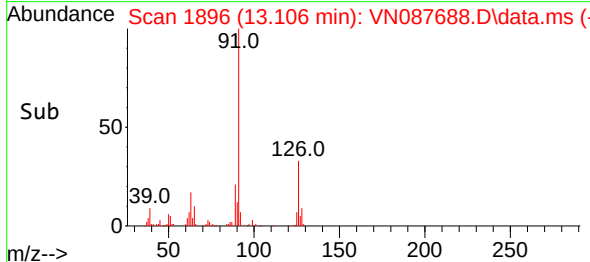
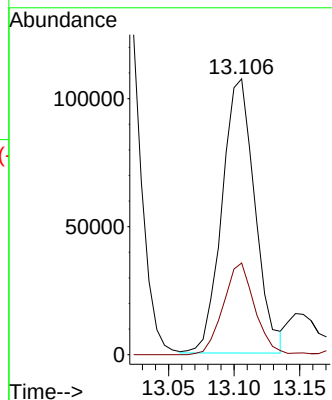
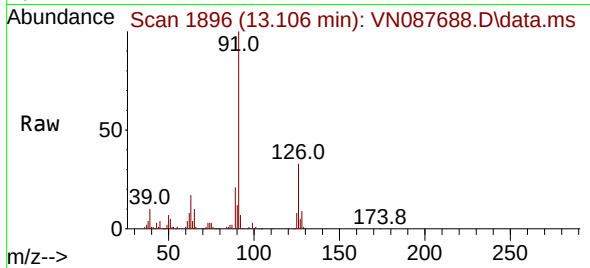




#79
2-Chlorotoluene
Concen: 16.345 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

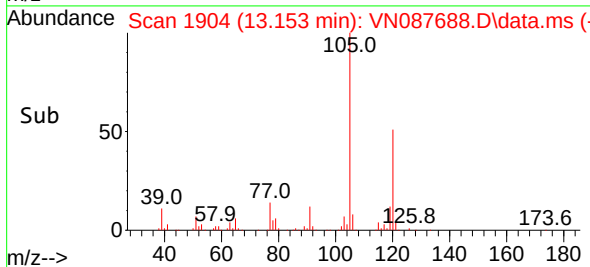
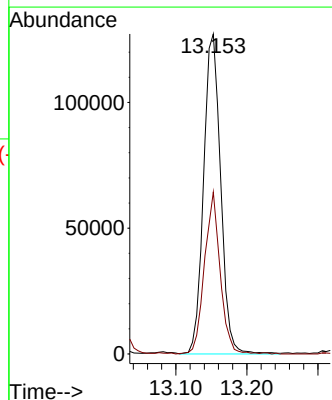
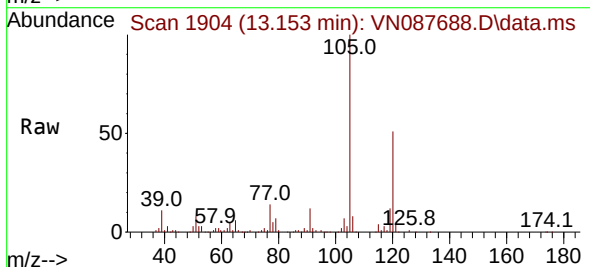
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

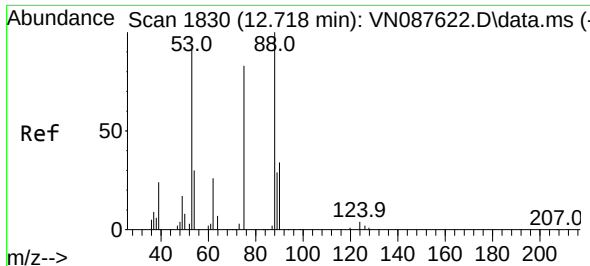
Tgt Ion: 91 Resp: 187347
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 16.220 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 105 Resp: 212775
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

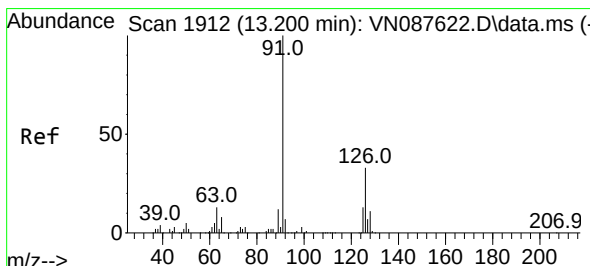
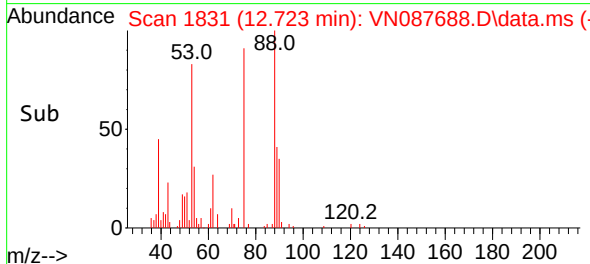
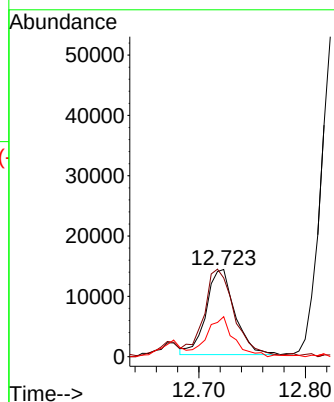
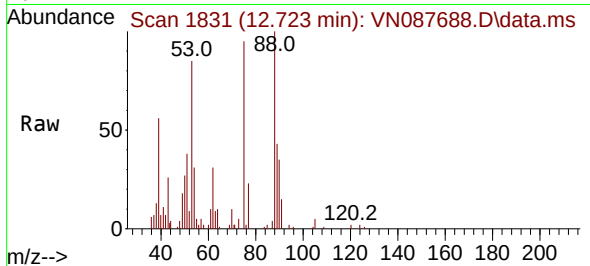




#81
trans-1,4-Dichloro-2-butene
Concen: 15.606 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

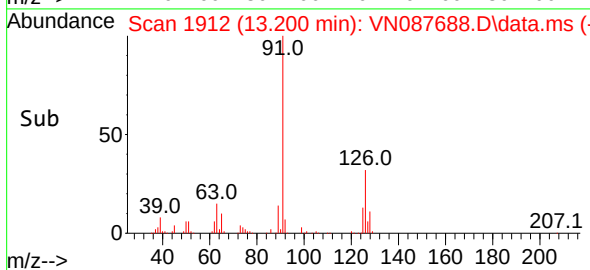
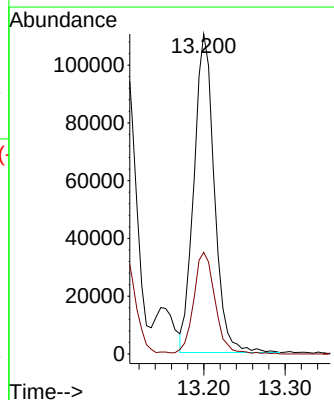
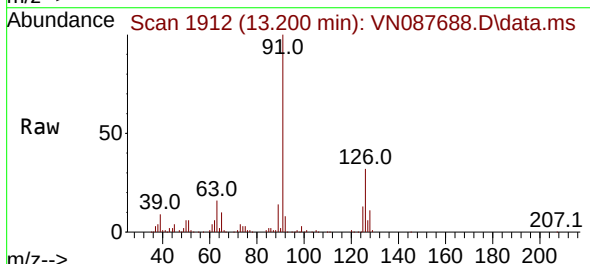
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

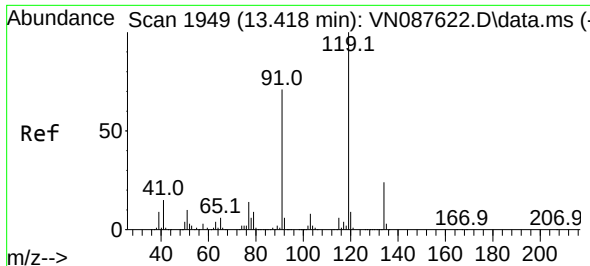
Tgt Ion: 75 Resp: 26453
Ion Ratio Lower Upper
75 100
53 110.3 101.8 152.6
89 44.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 15.961 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion: 91 Resp: 192350
Ion Ratio Lower Upper
91 100
126 33.7 15.6 46.8

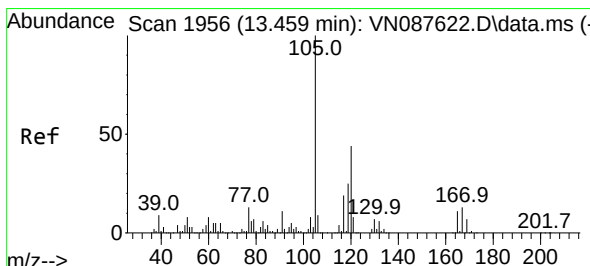
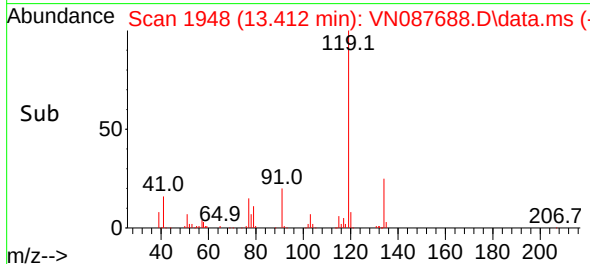
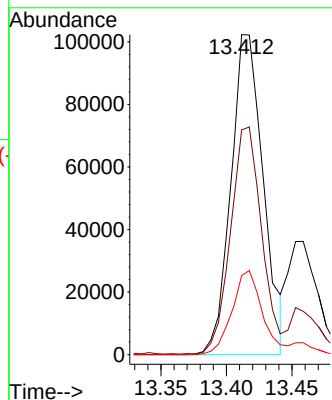
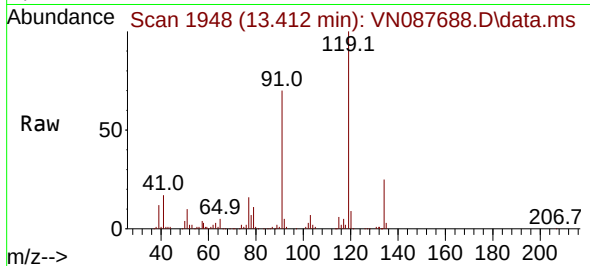




#83
tert-Butylbenzene
Concen: 16.080 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

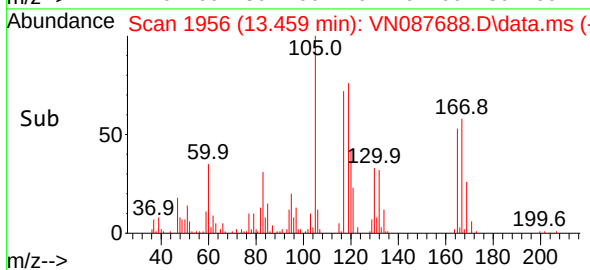
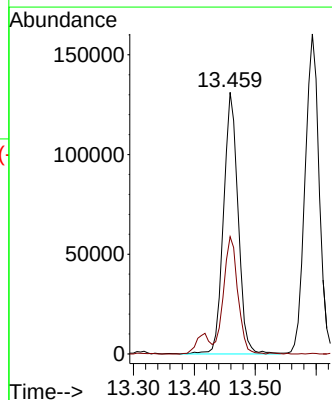
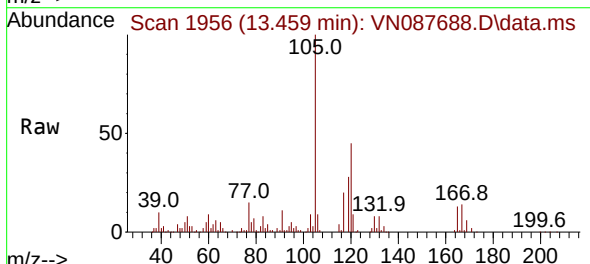
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

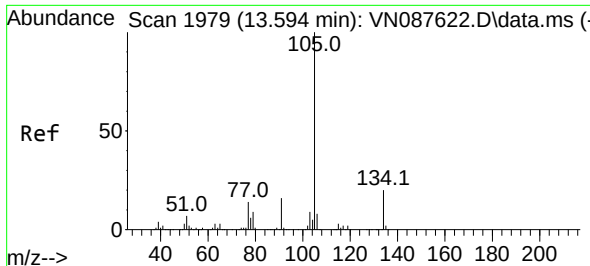
Tgt Ion:119 Resp: 175780
Ion Ratio Lower Upper
119 100
91 68.1 35.0 105.0
134 24.8 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 16.606 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

Tgt Ion:105 Resp: 218067
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0

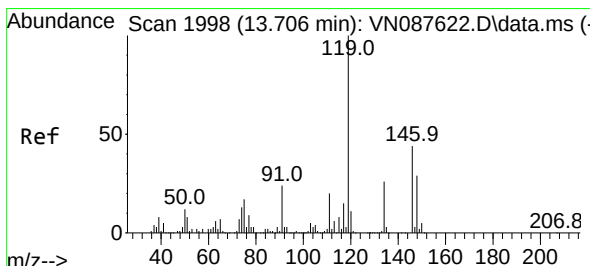
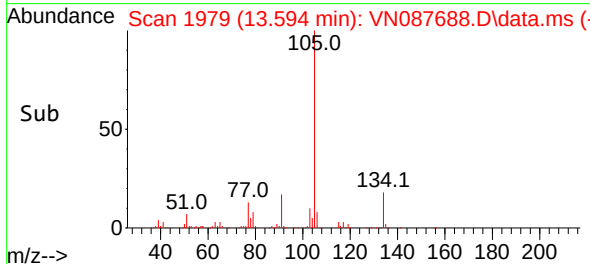
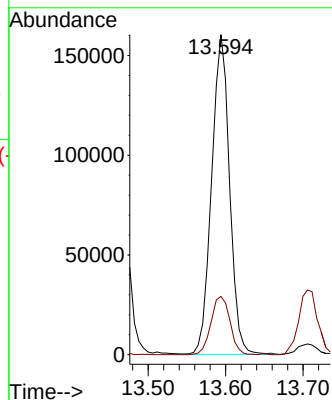
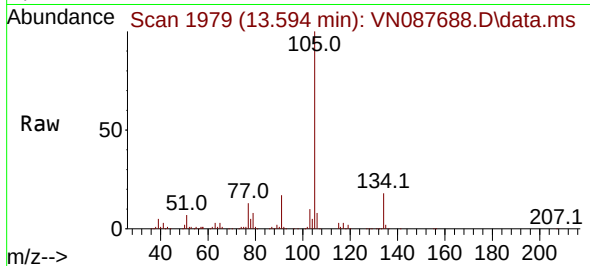




#85
 sec-Butylbenzene
 Concen: 15.880 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

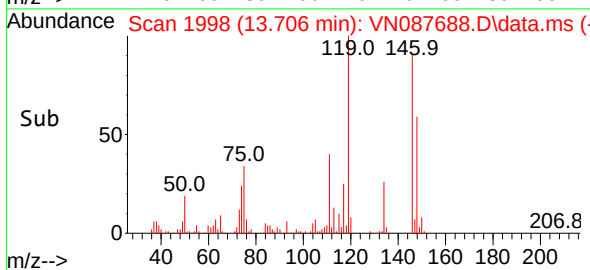
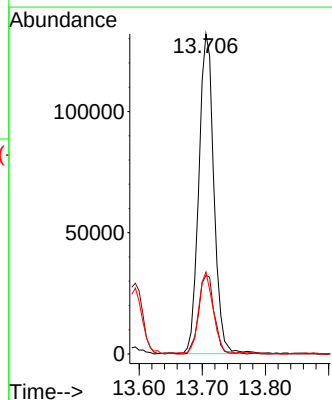
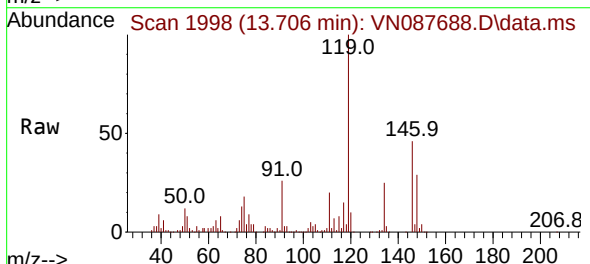
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

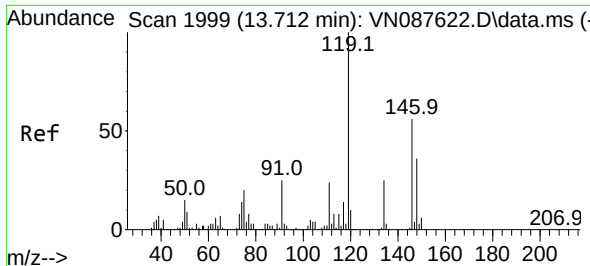
Tgt Ion:105 Resp: 257614
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 16.255 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

Tgt Ion:119 Resp: 217741
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 24.6 12.5 37.5

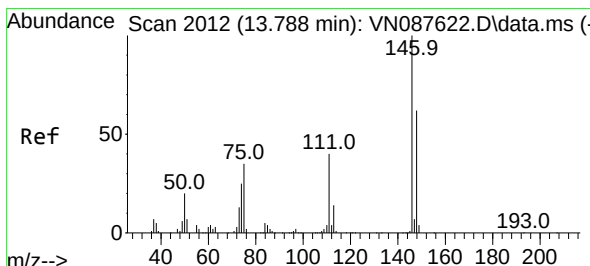
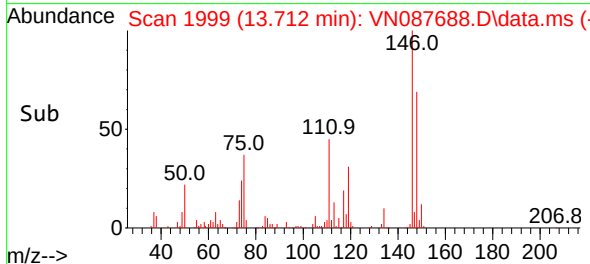
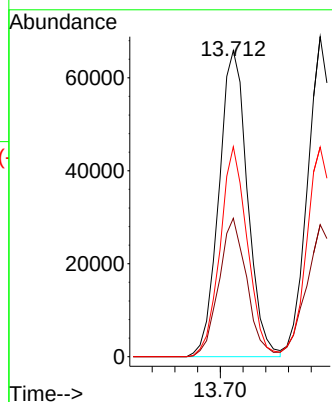
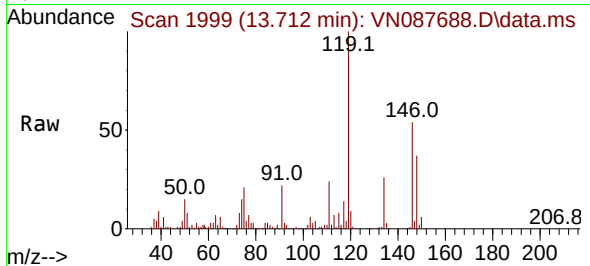




#87
 1,3-Dichlorobenzene
 Concen: 16.033 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

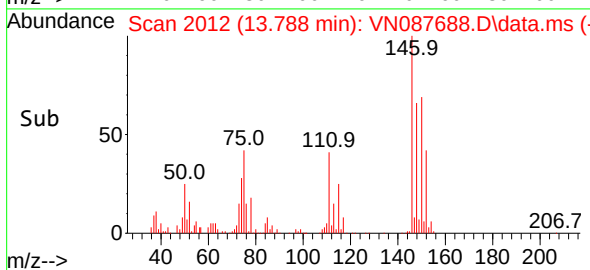
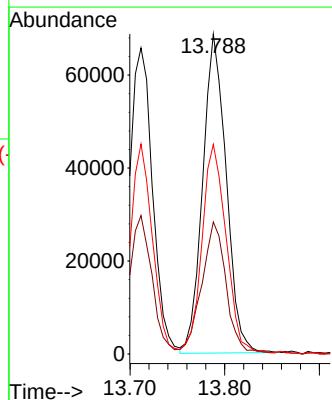
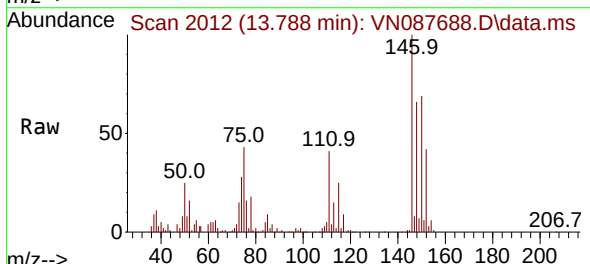
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

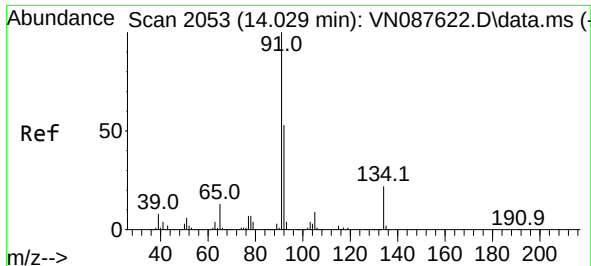
Tgt Ion:146 Resp: 115119
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.1 66.5
 148 65.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 15.836 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087688.D
 Acq: 28 Aug 2025 16:11

Tgt Ion:146 Resp: 118329
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 67.2 32.0 96.0

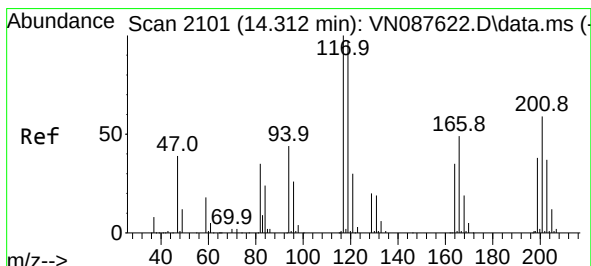
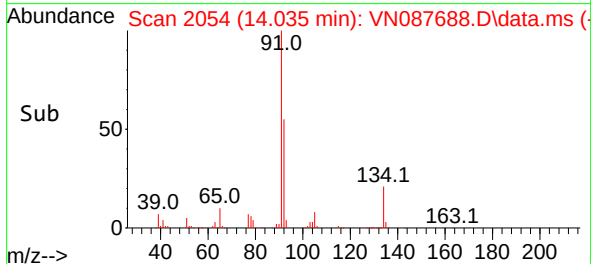
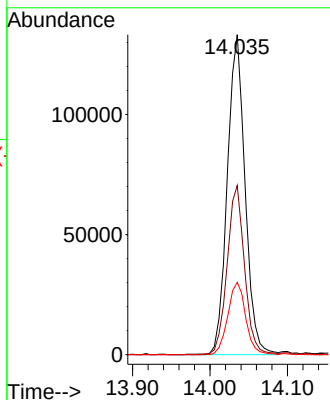
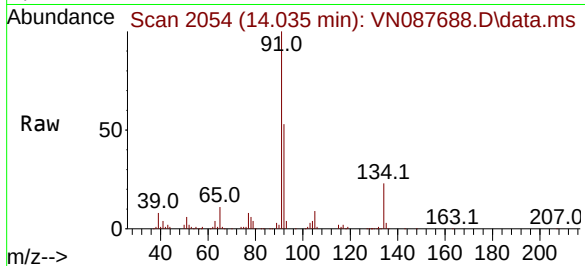




#89
n-Butylbenzene
Concen: 15.993 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

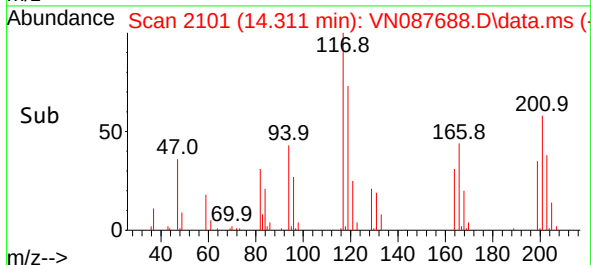
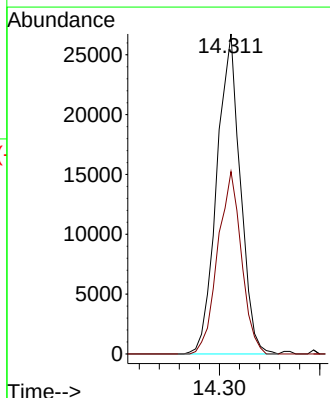
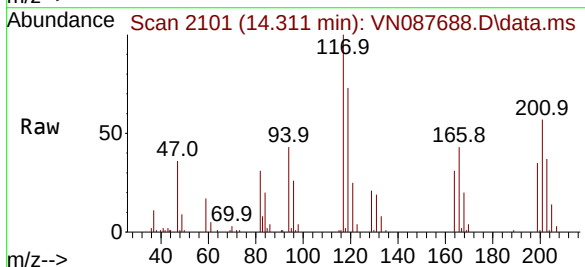
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

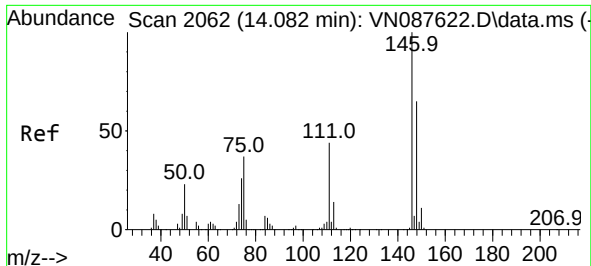
Tgt Ion: 91 Resp: 212772
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 22.8 11.7 35.0



#90
Hexachloroethane
Concen: 17.060 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

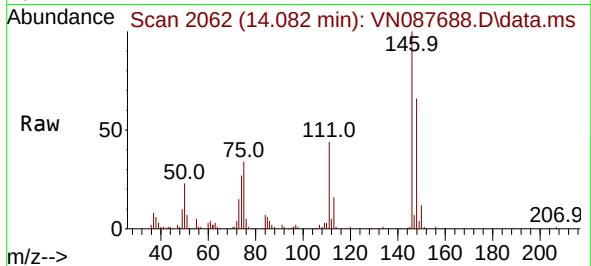
Tgt Ion: 117 Resp: 43537
Ion Ratio Lower Upper
117 100
201 57.3 29.1 87.4



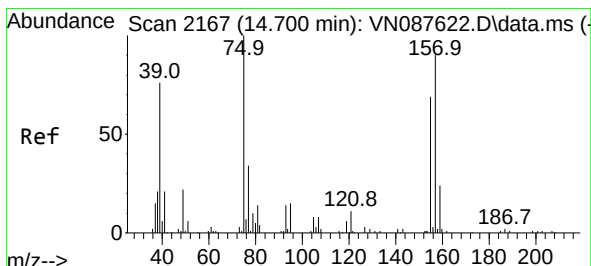
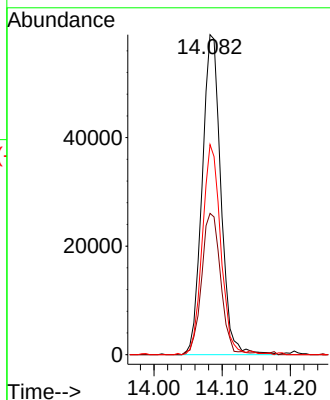
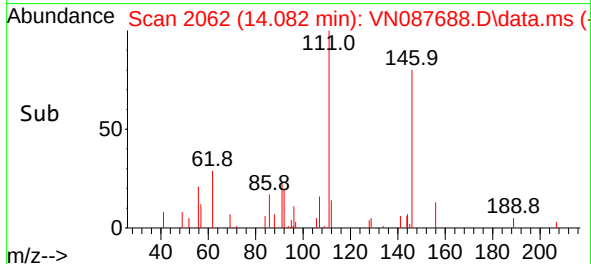


#91
1,2-Dichlorobenzene
Concen: 16.469 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11

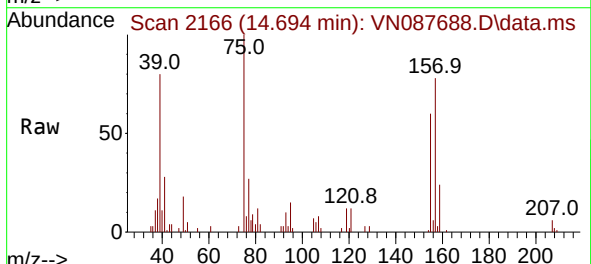
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



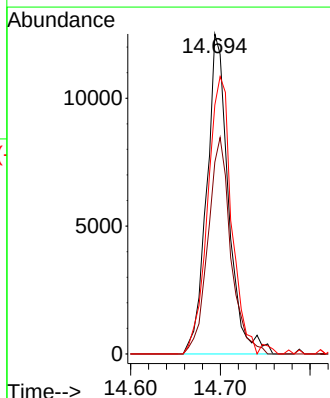
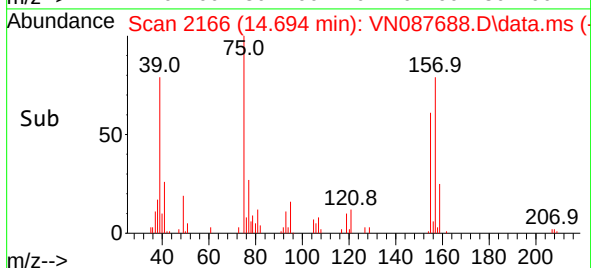
Tgt Ion:146 Resp: 112185
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 64.9 31.9 95.9

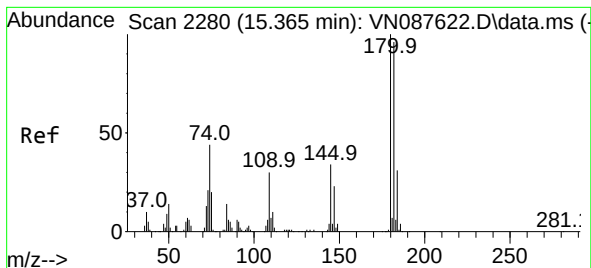


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.688 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087688.D
Acq: 28 Aug 2025 16:11



Tgt Ion: 75 Resp: 21105
Ion Ratio Lower Upper
75 100
155 70.9 36.6 109.9
157 95.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 16.561 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

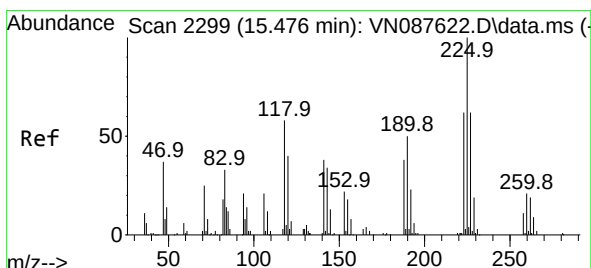
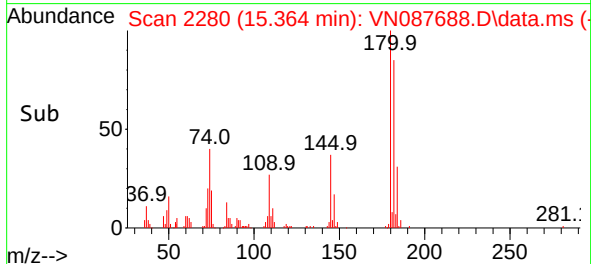
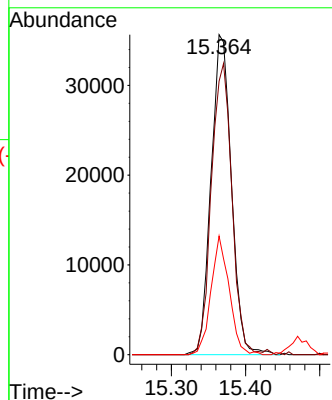
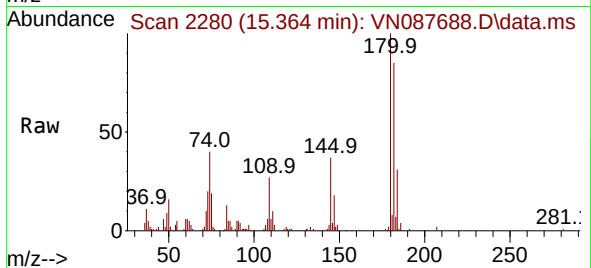
Tgt Ion:180 Resp: 67742

Ion Ratio Lower Upper

180 100

182 92.0 47.6 142.9

145 33.3 16.5 49.5



#94

Hexachlorobutadiene

Concen: 16.615 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

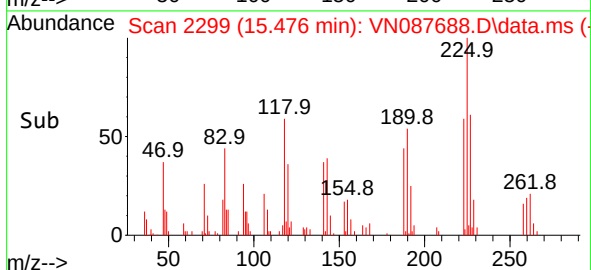
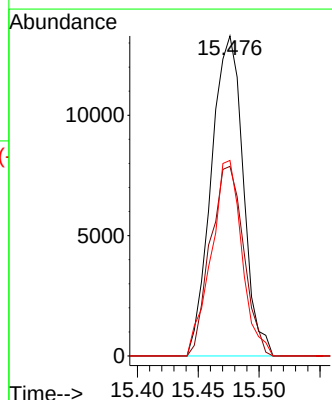
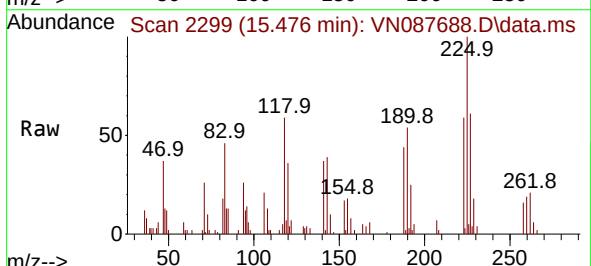
Tgt Ion:225 Resp: 24229

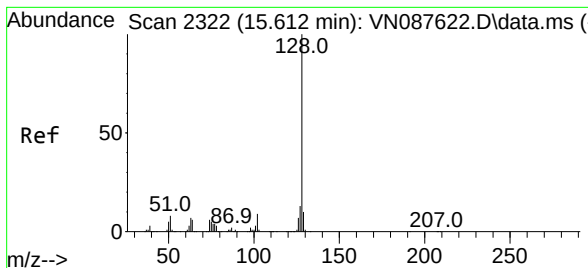
Ion Ratio Lower Upper

225 100

223 61.8 32.0 96.2

227 58.9 32.1 96.5





#95

Naphthalene

Concen: 16.151 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

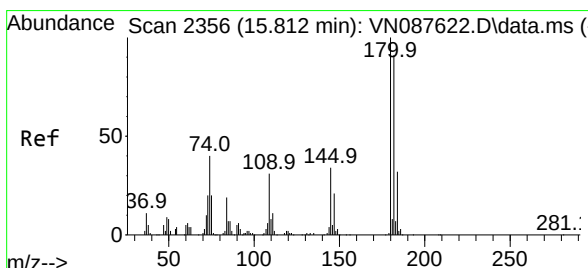
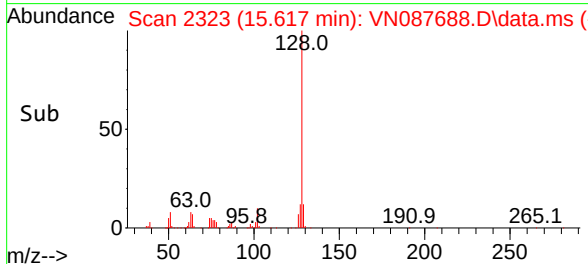
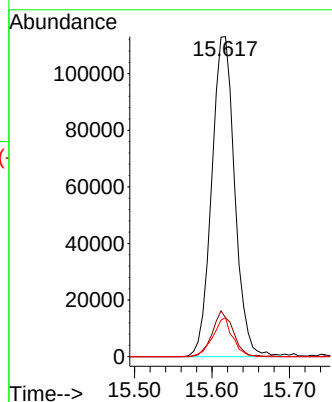
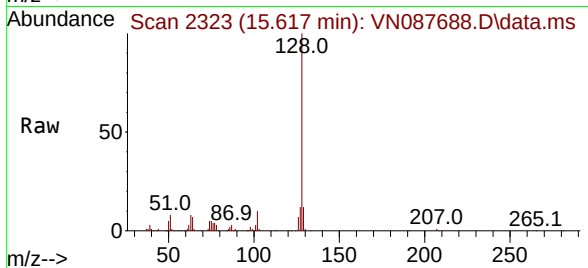
Tgt Ion:128 Resp: 234004

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.236 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087688.D

Acq: 28 Aug 2025 16:11

Tgt Ion:180 Resp: 64923

Ion Ratio Lower Upper

180 100

182 92.8 46.8 140.3

145 35.2 17.3 52.0

