

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087680.D
 Acq On : 28 Aug 2025 13:24
 Operator : JC\MD
 Sample : VN0828WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

Quant Time: Aug 29 03:16:51 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	211485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	408603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	370187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203158	46.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.780%
35) Dibromofluoromethane	8.147	113	147561	50.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	10.547	98	524256	47.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.829	95	183287	46.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61374	20.433	ug/l	98
3) Chloromethane	2.383	50	59091	19.143	ug/l	93
4) Vinyl Chloride	2.536	62	67837	18.954	ug/l	100
5) Bromomethane	2.983	94	34531	18.698	ug/l	93
6) Chloroethane	3.142	64	45198	17.968	ug/l	91
7) Trichlorofluoromethane	3.512	101	99722	19.018	ug/l	93
8) Diethyl Ether	3.959	74	39132	17.136	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	55966	18.862	ug/l	98
10) Methyl Iodide	4.577	142	30677	18.761	ug/l	97
11) Tert butyl alcohol	5.524	59	67144	89.259	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	53720	17.618	ug/l	92
13) Acrolein	4.183	56	72666	78.577	ug/l	98
14) Allyl chloride	5.012	41	83077	15.035	ug/l	93
15) Acrylonitrile	5.712	53	183151	86.331	ug/l	98
16) Acetone	4.424	43	193013	81.827	ug/l	99
17) Carbon Disulfide	4.700	76	137848	16.422	ug/l	96
18) Methyl Acetate	5.018	43	92312	18.691	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	196955	17.219	ug/l	96
20) Methylene Chloride	5.271	84	63133	17.702	ug/l	96
21) trans-1,2-Dichloroethene	5.765	96	55407	16.767	ug/l #	79
22) Diisopropyl ether	6.659	45	209173	17.542	ug/l	98
23) Vinyl Acetate	6.588	43	946844	87.282	ug/l	98
24) 1,1-Dichloroethane	6.553	63	111795	17.100	ug/l	97
25) 2-Butanone	7.471	43	272688	87.871	ug/l	99
26) 2,2-Dichloropropane	7.477	77	95856	17.083	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	65878	16.676	ug/l	96
28) Bromochloromethane	7.794	49	57250	18.114	ug/l	97
29) Tetrahydrofuran	7.830	42	169313	84.778	ug/l	99
30) Chloroform	7.947	83	119392	17.892	ug/l	96
31) Cyclohexane	8.241	56	97119	17.819	ug/l	92
32) 1,1,1-Trichloroethane	8.147	97	100573	17.784	ug/l	95
36) 1,1-Dichloropropene	8.353	75	76175	16.831	ug/l	98
37) Ethyl Acetate	7.547	43	105957	17.133	ug/l	97
38) Carbon Tetrachloride	8.347	117	84141	18.830	ug/l	99
39) Methylcyclohexane	9.576	83	89392	17.940	ug/l	98
40) Benzene	8.588	78	241215	17.377	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	55238	17.243	ug/l	96
42) 1,2-Dichloroethane	8.653	62	93566	17.540	ug/l	98
43) Isopropyl Acetate	8.671	43	173012	17.918	ug/l	99
44) Trichloroethene	9.335	130	54478	17.190	ug/l	96
45) 1,2-Dichloropropane	9.600	63	61896	16.916	ug/l	96
46) Dibromomethane	9.688	93	45634	17.526	ug/l	95
47) Bromodichloromethane	9.871	83	96586	18.100	ug/l	91
48) Methyl methacrylate	9.659	41	80291	17.580	ug/l	96
49) 1,4-Dioxane	9.682	88	22007	371.763	ug/l #	91
51) 4-Methyl-2-Pentanone	10.423	43	540127	92.716	ug/l	98
52) Toluene	10.606	92	148910	17.304	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	96916	17.546	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	101790	17.748	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	59593	17.901	ug/l	96
56) Ethyl methacrylate	10.859	69	96822	18.199	ug/l	98
57) 1,3-Dichloropropane	11.141	76	106592	18.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	267088	92.752	ug/l	100
59) 2-Hexanone	11.176	43	336693	91.449	ug/l	96
60) Dibromochloromethane	11.341	129	67261	17.437	ug/l	97
61) 1,2-Dibromoethane	11.453	107	64733	18.441	ug/l	97
64) Tetrachloroethene	11.082	164	43678	17.006	ug/l	96
65) Chlorobenzene	11.870	112	159575	17.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	56642	18.526	ug/l	98
67) Ethyl Benzene	11.941	91	284977	17.872	ug/l	96
68) m/p-Xylenes	12.053	106	209338	35.796	ug/l	99
69) o-Xylene	12.376	106	101056	17.633	ug/l	99
70) Styrene	12.394	104	169650	17.669	ug/l	97
71) Bromoform	12.559	173	42728	18.222	ug/l #	98
73) Isopropylbenzene	12.676	105	267617	17.772	ug/l	100
74) N-amyl acetate	12.541	43	14683	2.573	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.917	83	95232	18.369	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	120757	27.633	ug/l	62
77) Bromobenzene	12.959	156	63384	17.852	ug/l	99
78) n-propylbenzene	13.012	91	340179	18.340	ug/l	99
79) 2-Chlorotoluene	13.106	91	201697	18.070	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	228483	17.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	26280	15.920	ug/l	94
82) 4-Chlorotoluene	13.200	91	206057	17.558	ug/l	99
83) tert-Butylbenzene	13.417	119	188957	17.750	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	227517	17.791	ug/l	100
85) sec-Butylbenzene	13.594	105	291493	18.452	ug/l	100
86) p-Isopropyltoluene	13.706	119	233475	17.898	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	125252	17.914	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	128102	17.605	ug/l	98
89) n-Butylbenzene	14.035	91	236014	18.218	ug/l	98
90) Hexachloroethane	14.306	117	45435	18.282	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	118425	17.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22137	17.974	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	68524	17.203	ug/l	97
94) Hexachlorobutadiene	15.470	225	26462	18.634	ug/l	98
95) Naphthalene	15.611	128	237793	16.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	67896	17.436	ug/l	99

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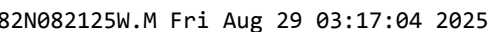
Instrument :
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ClientSampleId :
VN0828MBS01

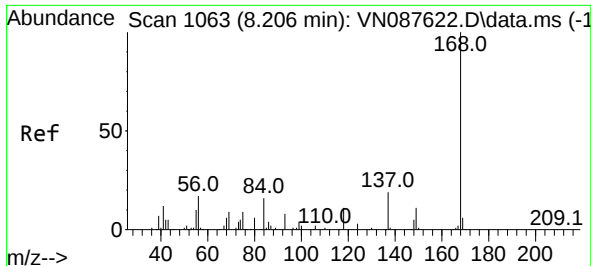
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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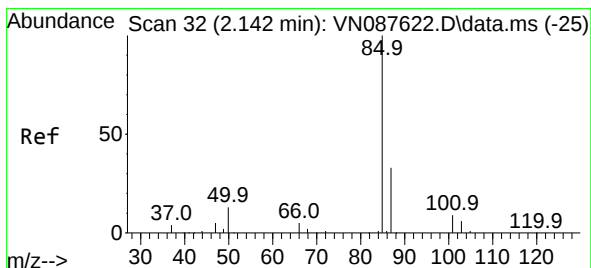
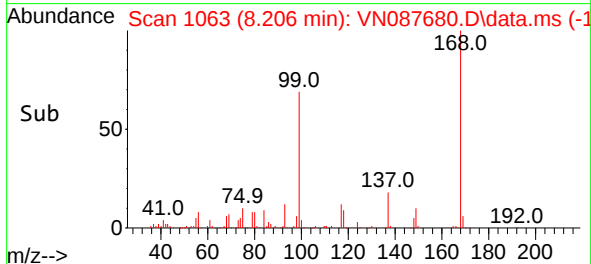
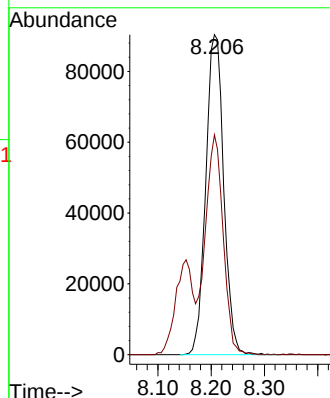
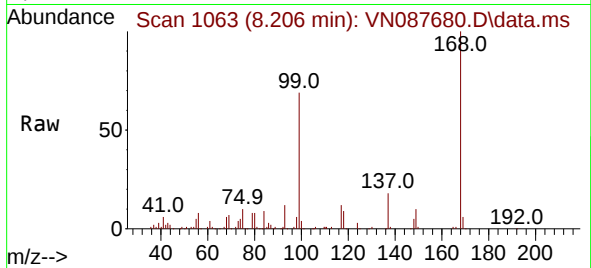




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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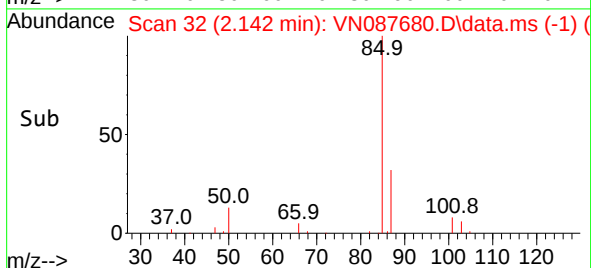
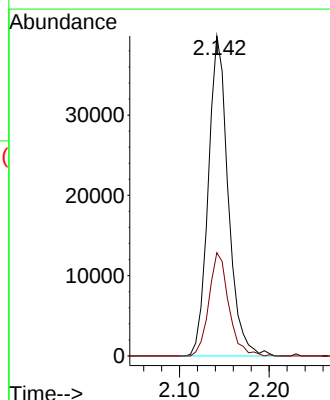
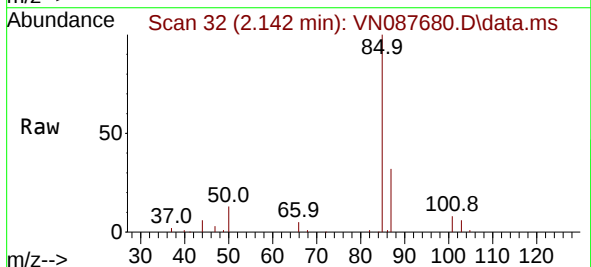
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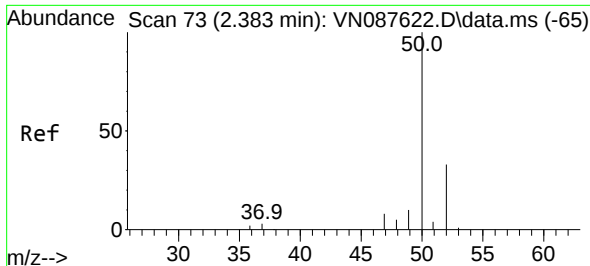
Tgt Ion:168 Resp: 211485
Ion Ratio Lower Upper
168 100
99 68.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 20.433 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 85 Resp: 61374
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

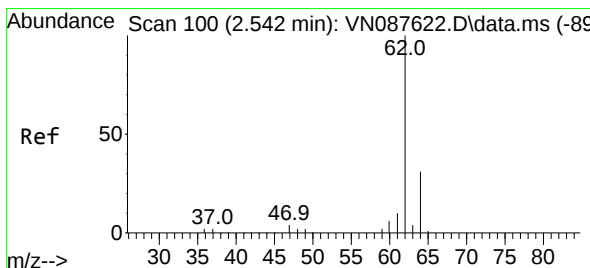
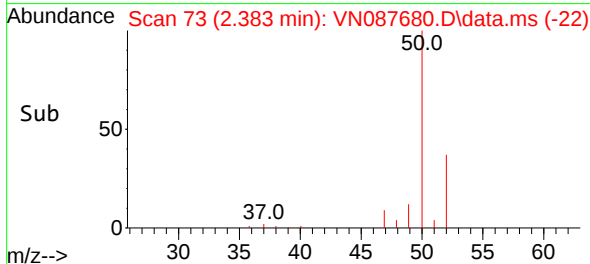
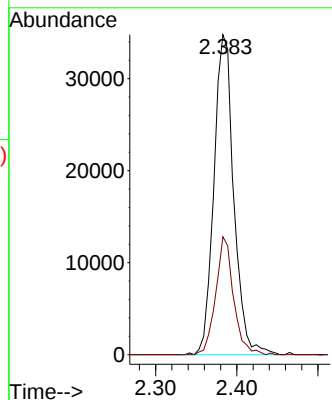
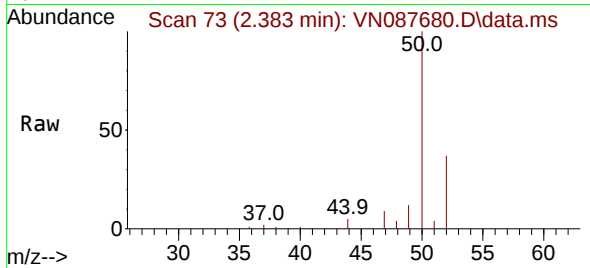




#3
Chloromethane
Concen: 19.143 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

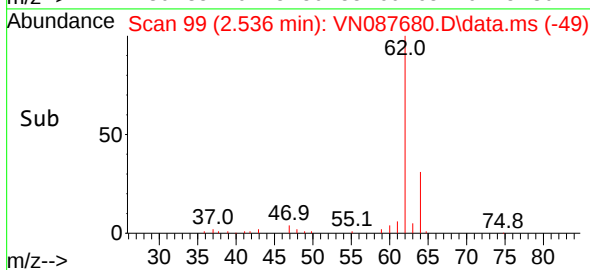
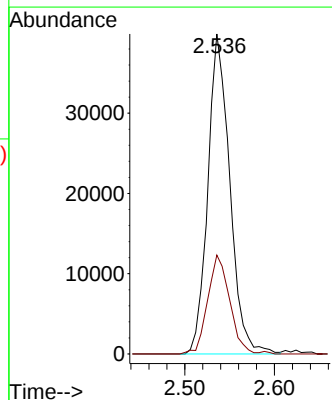
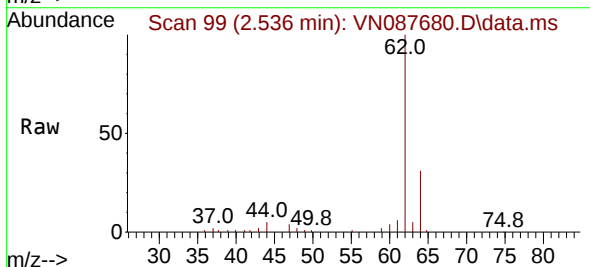
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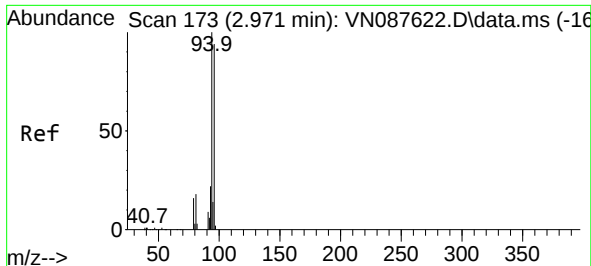
Tgt Ion: 50 Resp: 59091
Ion Ratio Lower Upper
50 100
52 36.8 26.2 39.4



#4
Vinyl Chloride
Concen: 18.954 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 62 Resp: 67837
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0

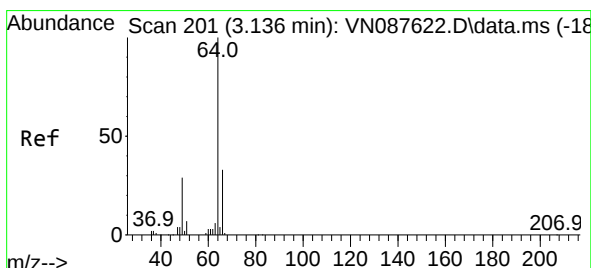
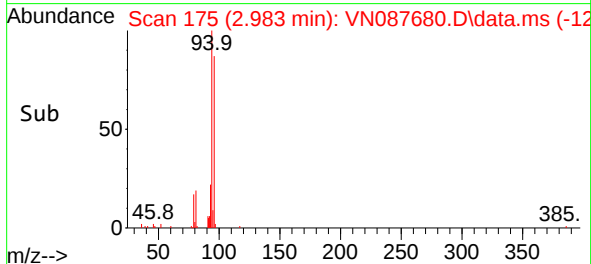
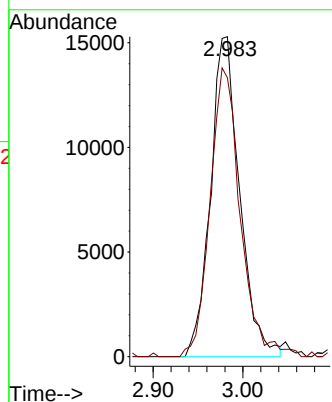
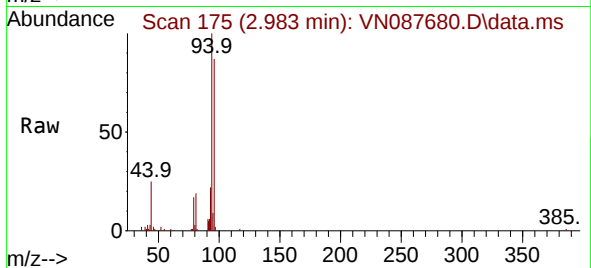




#5
Bromomethane
Concen: 18.698 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

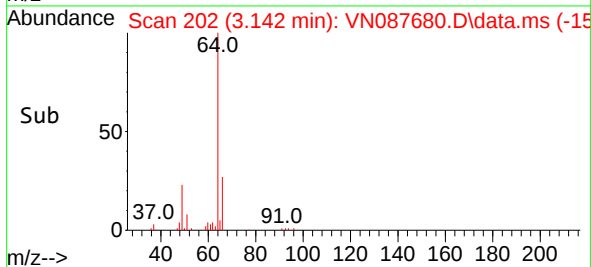
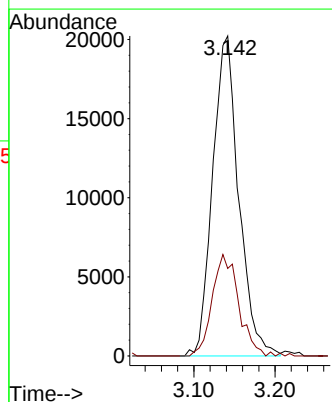
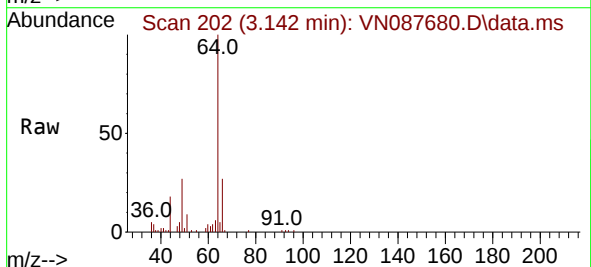
Instrument :
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Tgt Ion: 94 Resp: 34531
Ion Ratio Lower Upper
94 100
96 87.2 75.4 113.2



#6
Chloroethane
Concen: 17.968 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 64 Resp: 45198
Ion Ratio Lower Upper
64 100
66 27.4 26.2 39.2

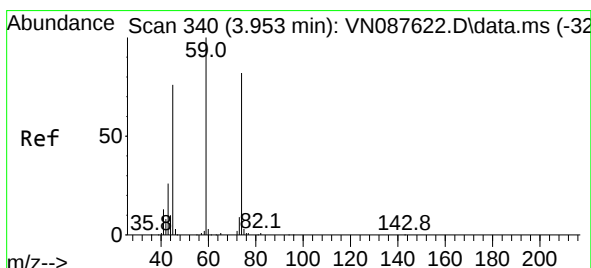
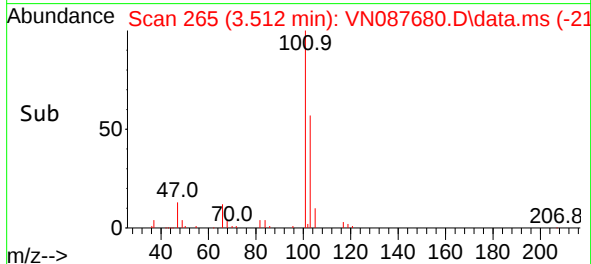
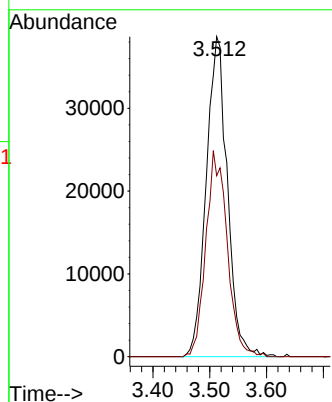
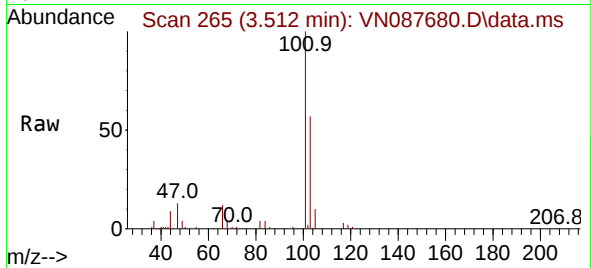




#7
 Trichlorofluoromethane
 Concen: 19.018 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087680.D
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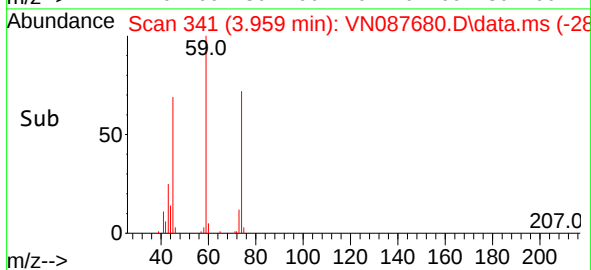
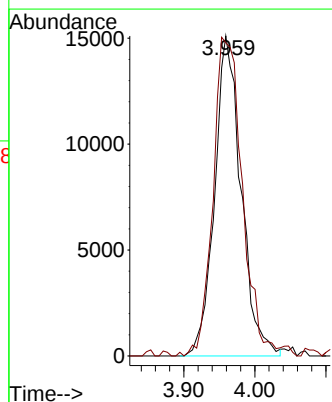
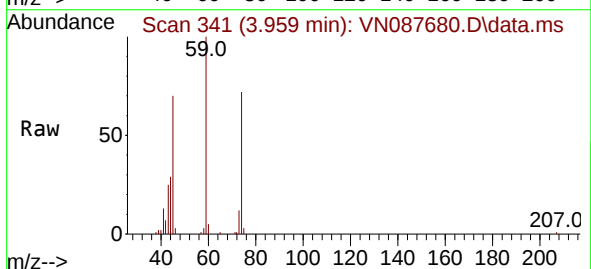
Instrument :
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Tgt Ion:101 Resp: 99722
 Ion Ratio Lower Upper
 101 100
 103 56.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.136 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 74 Resp: 39132
 Ion Ratio Lower Upper
 74 100
 45 109.4 50.6 151.9

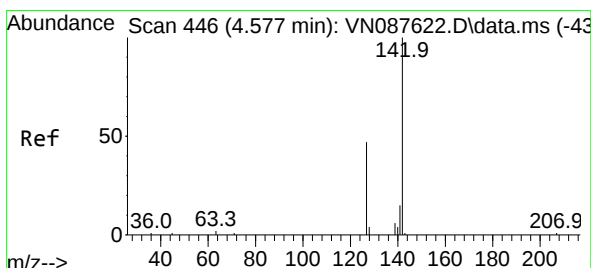
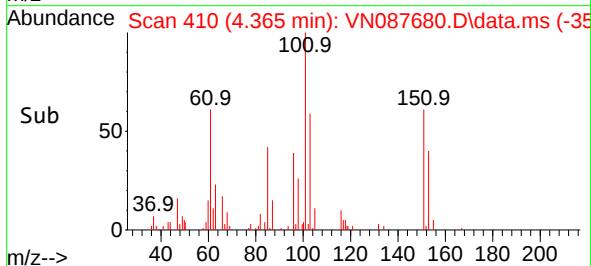
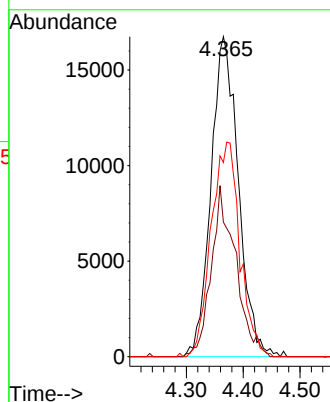
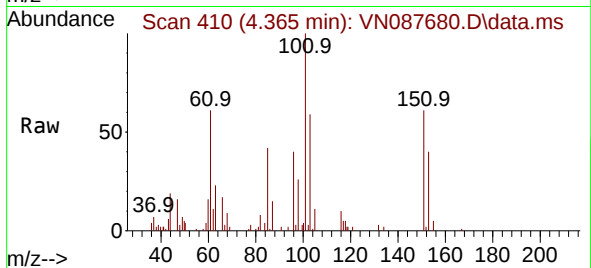




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.862 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087680.D
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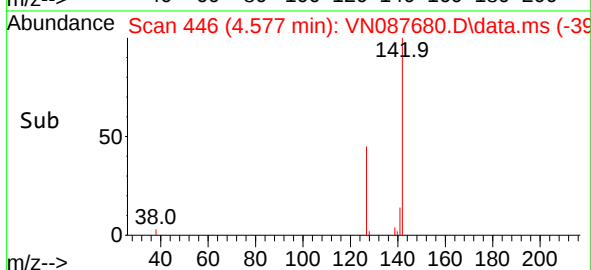
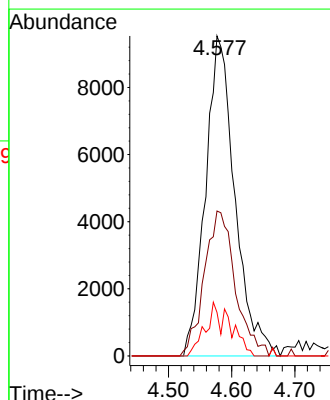
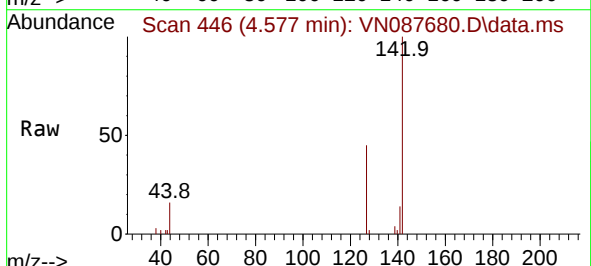
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

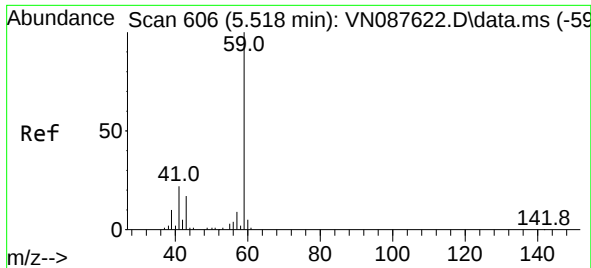
Tgt Ion:101 Resp: 55966
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 70.3 54.7 82.1



#10
Methyl Iodide
Concen: 18.761 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:142 Resp: 30677
Ion Ratio Lower Upper
142 100
127 45.3 38.0 57.0
141 13.6 12.0 18.0

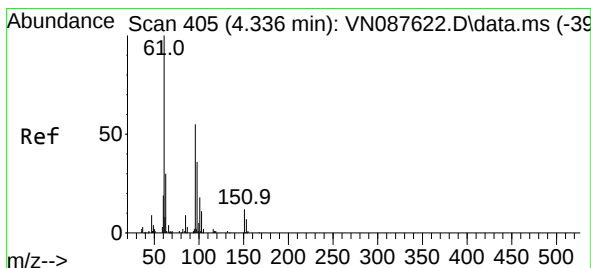
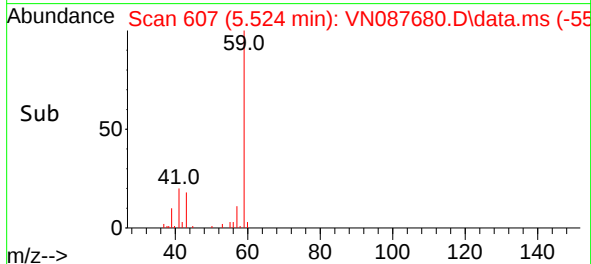
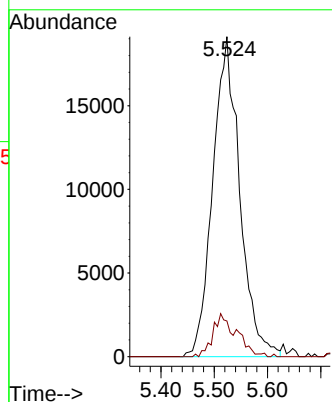
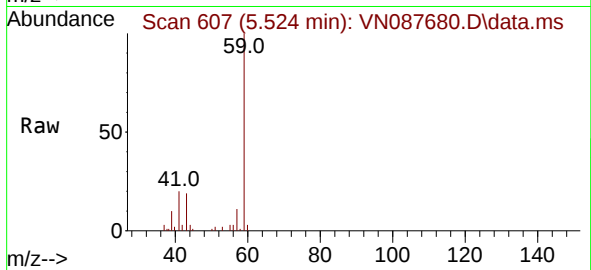




#11
Tert butyl alcohol
Concen: 89.259 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

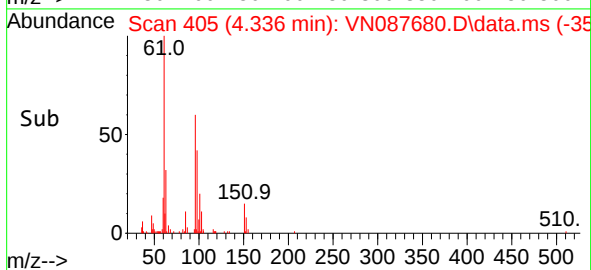
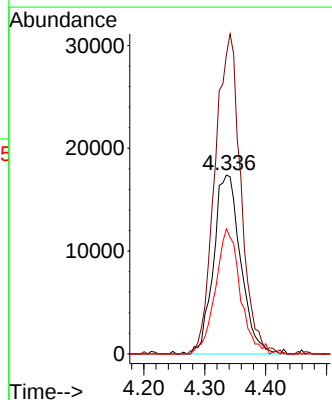
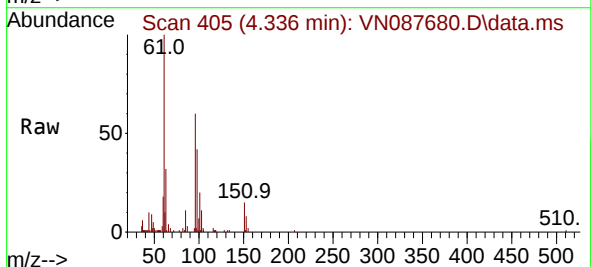
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

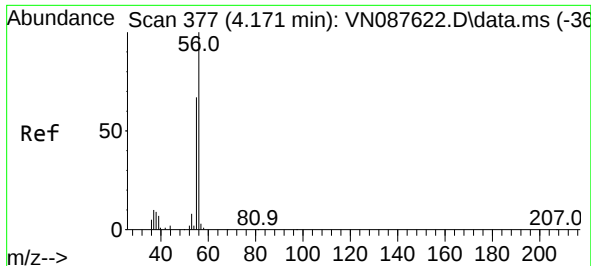
Tgt Ion: 59 Resp: 67144
Ion Ratio Lower Upper
59 100
57 8.3 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.618 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 96 Resp: 53720
Ion Ratio Lower Upper
96 100
61 167.5 143.8 215.8
98 70.0 52.1 78.1

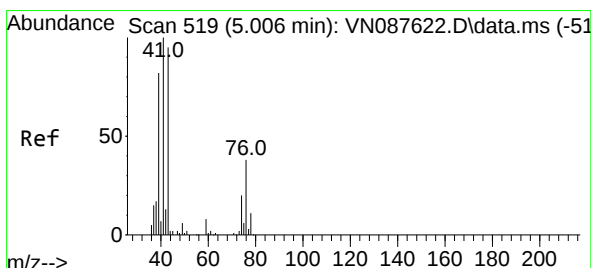
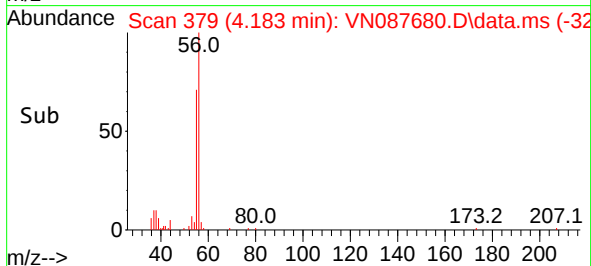
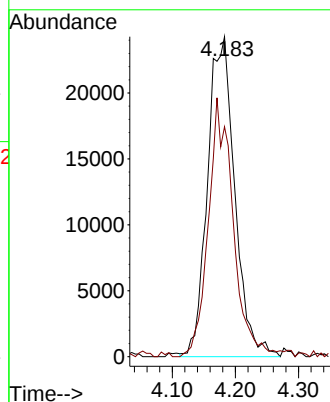
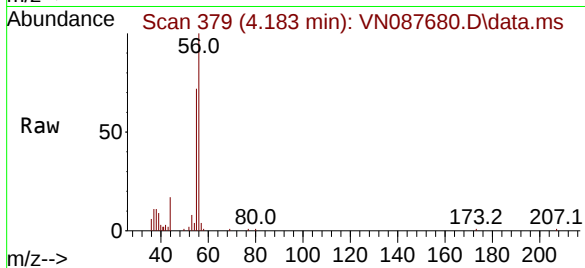




#13
Acrolein
Concen: 78.577 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

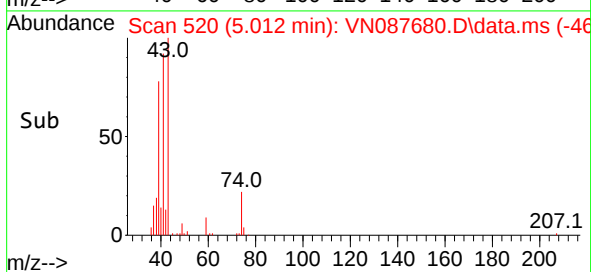
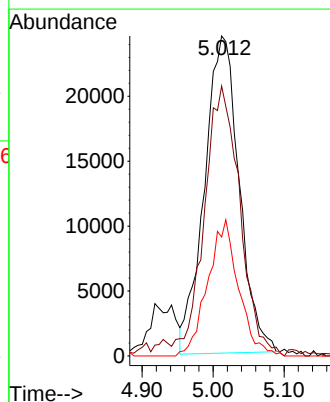
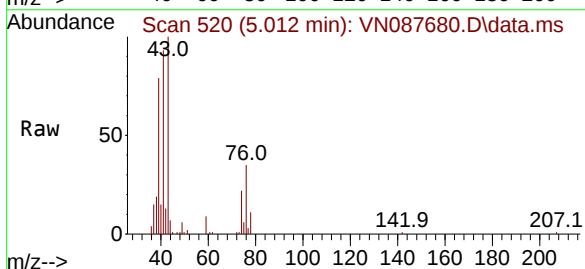
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

Tgt Ion: 56 Resp: 72666
Ion Ratio Lower Upper
56 100
55 73.4 57.3 85.9



#14
Allyl chloride
Concen: 15.035 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 41 Resp: 83077
Ion Ratio Lower Upper
41 100
39 86.9 63.9 95.9
76 38.1 28.1 42.1

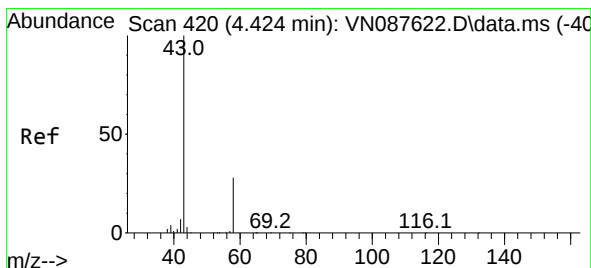
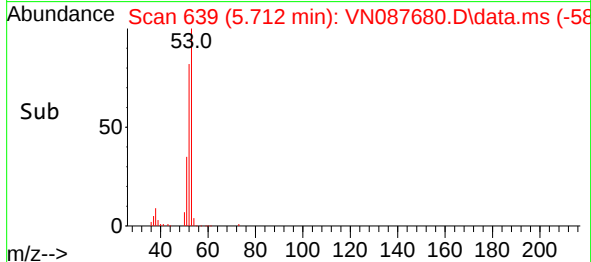
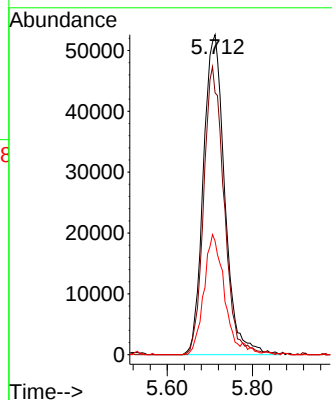
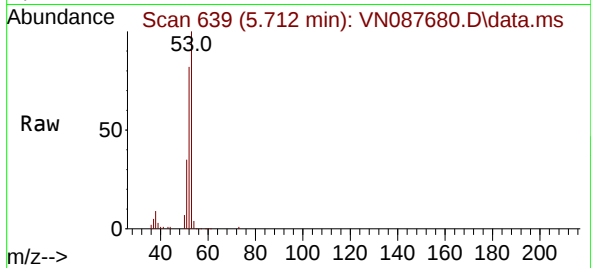




#15
Acrylonitrile
Concen: 86.331 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

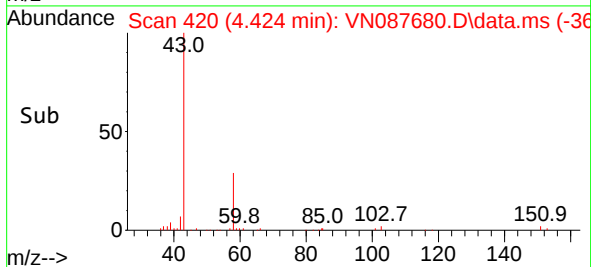
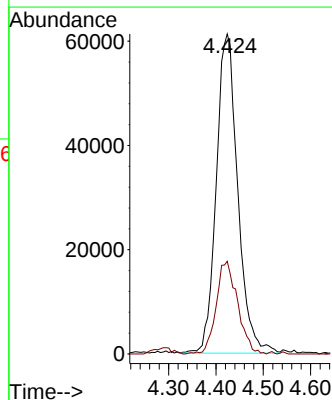
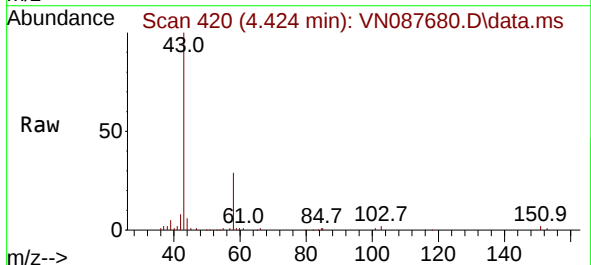
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

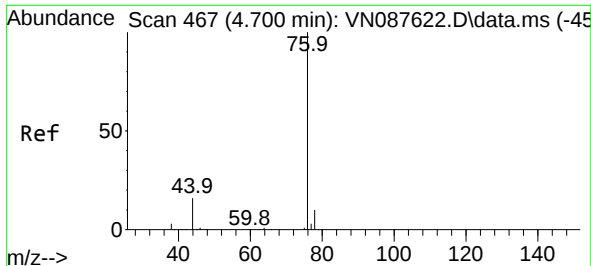
Tgt Ion: 53 Resp: 183151
Ion Ratio Lower Upper
53 100
52 85.6 67.6 101.4
51 35.0 30.1 45.1



#16
Acetone
Concen: 81.827 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 43 Resp: 193013
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8

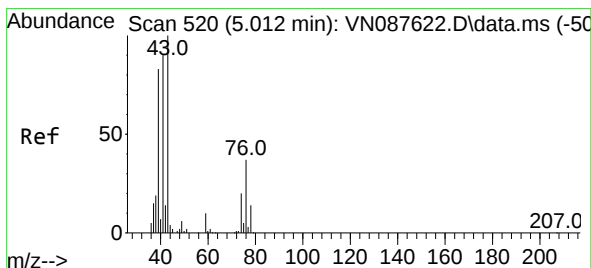
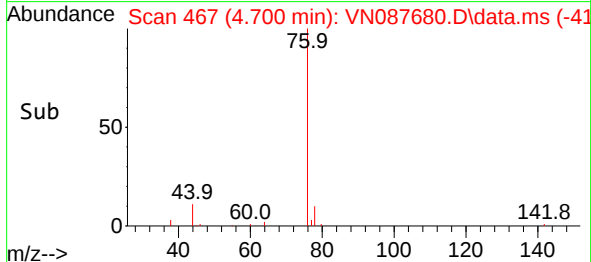
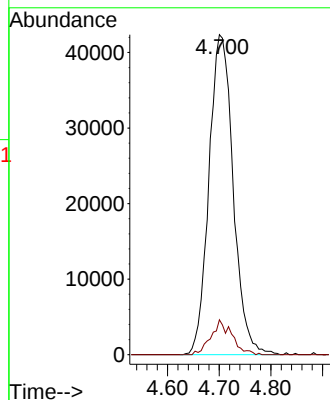
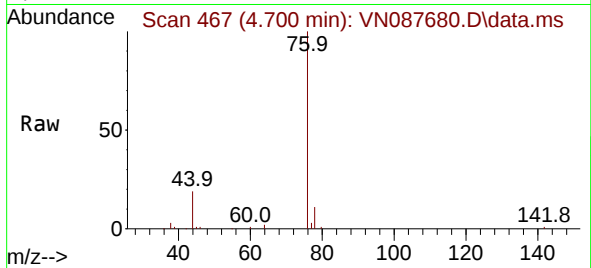




#17
Carbon Disulfide
Concen: 16.422 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

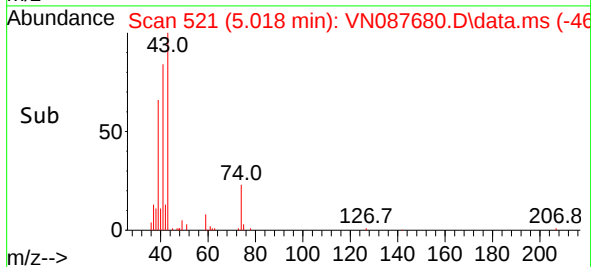
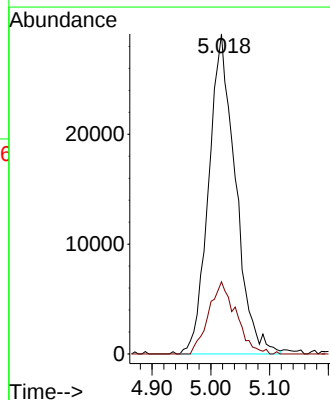
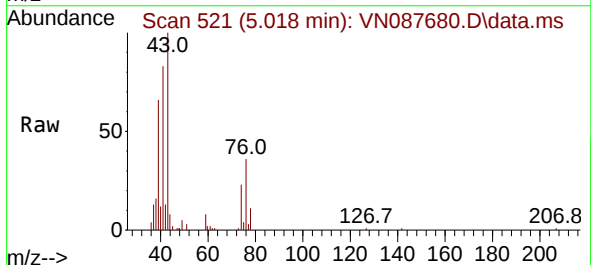
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

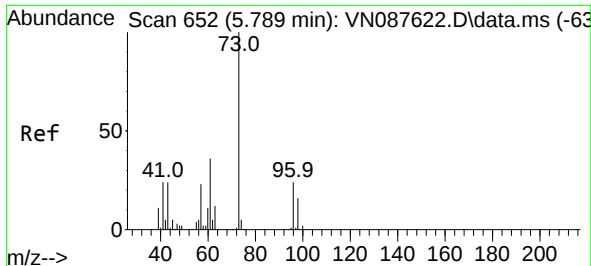
Tgt Ion: 76 Resp: 137848
Ion Ratio Lower Upper
76 100
78 10.9 7.6 11.4



#18
Methyl Acetate
Concen: 18.691 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 43 Resp: 92312
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4

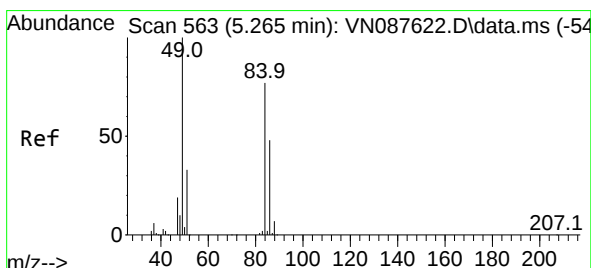
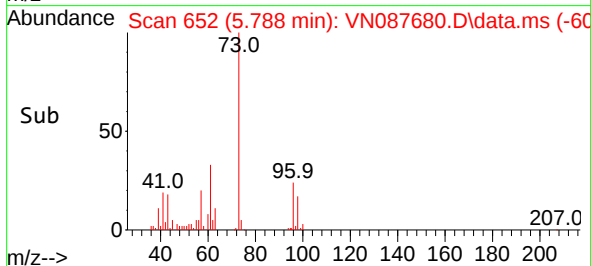
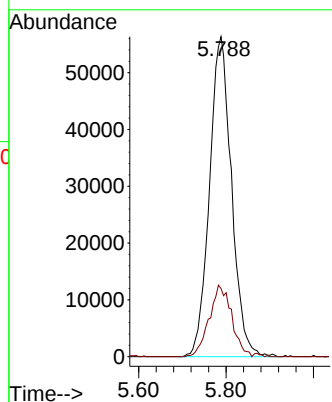
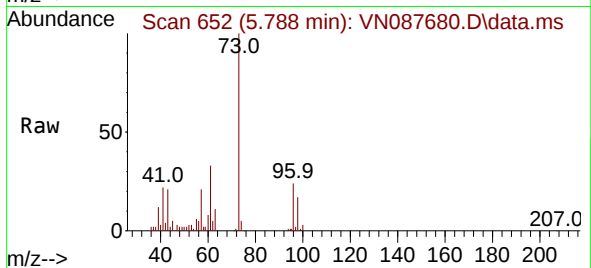




#19
Methyl tert-butyl Ether
Concen: 17.219 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

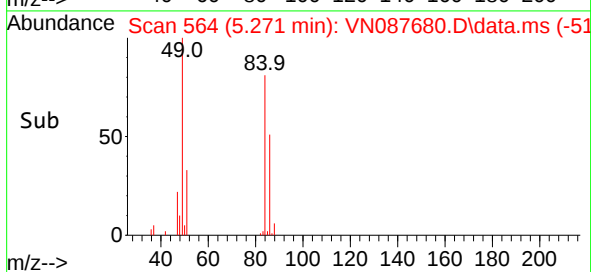
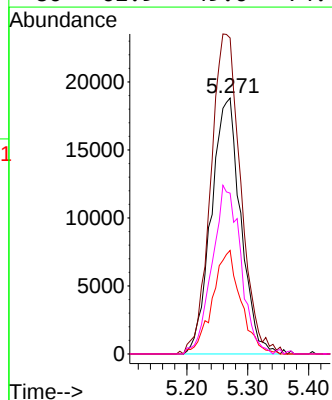
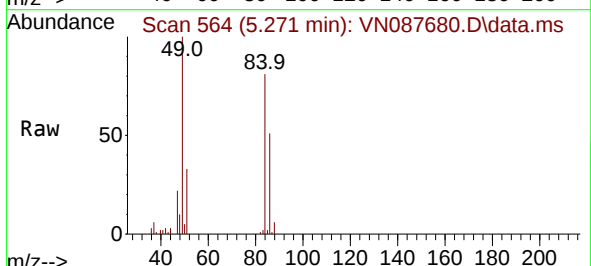
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

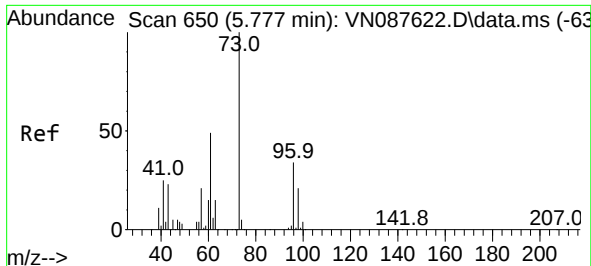
Tgt Ion: 73 Resp: 196955
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6



#20
Methylene Chloride
Concen: 17.702 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 84 Resp: 63133
Ion Ratio Lower Upper
84 100
49 122.5 103.4 155.2
51 40.4 33.8 50.8
86 62.9 49.6 74.4

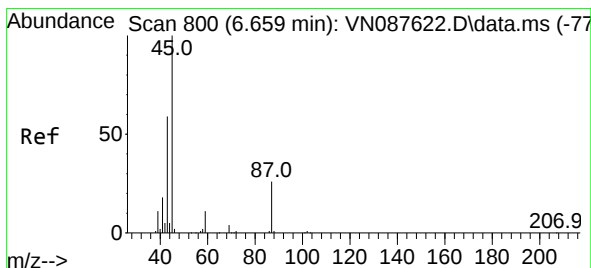
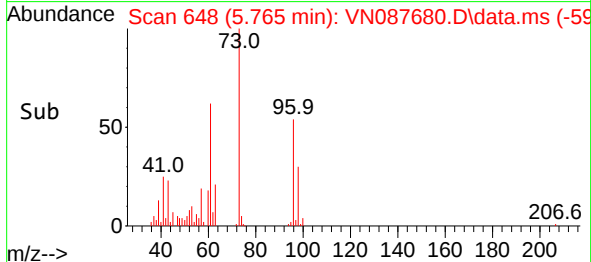
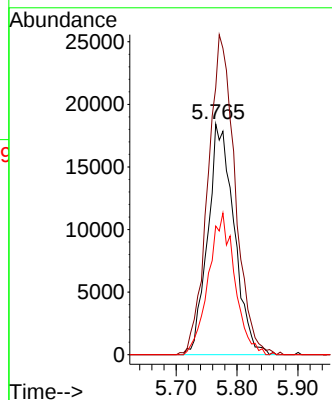
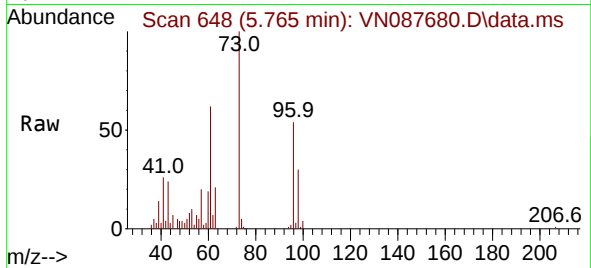




#21
trans-1,2-Dichloroethene
Concen: 16.767 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

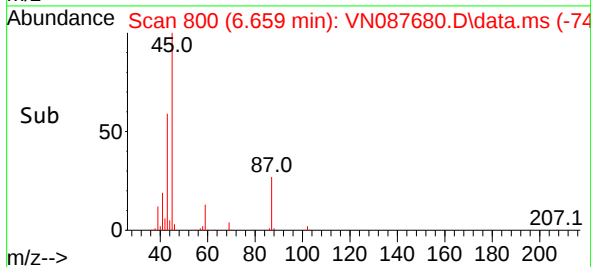
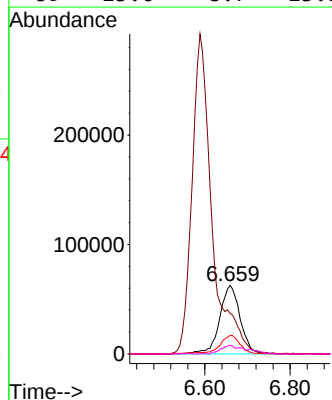
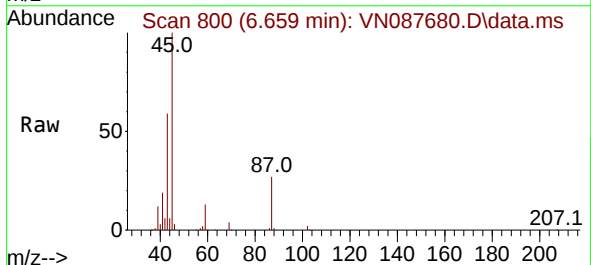
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

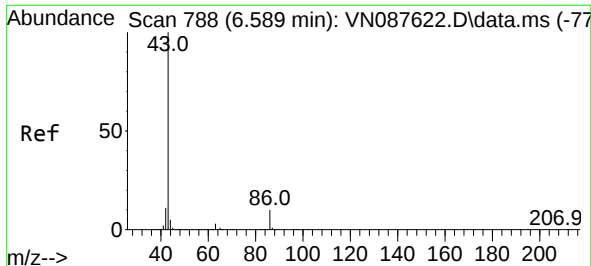
Tgt Ion: 96 Resp: 55407
Ion Ratio Lower Upper
96 100
61 114.7 118.0 177.0#
98 55.8 50.0 75.0



#22
Diisopropyl ether
Concen: 17.542 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 45 Resp: 209173
Ion Ratio Lower Upper
45 100
43 58.6 47.7 71.5
87 27.1 21.4 32.0
59 13.0 8.7 13.1

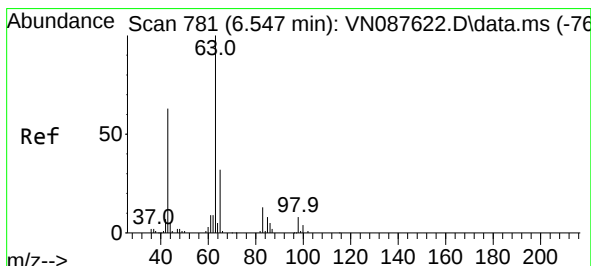
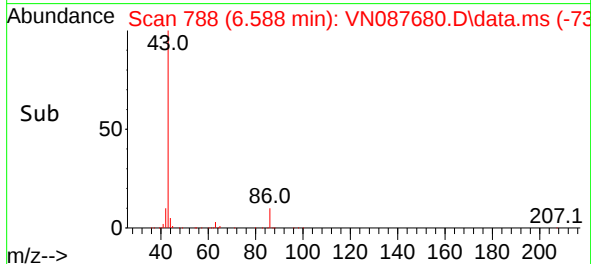
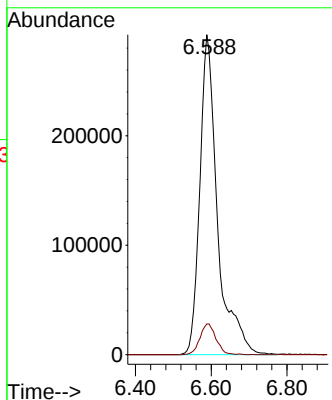
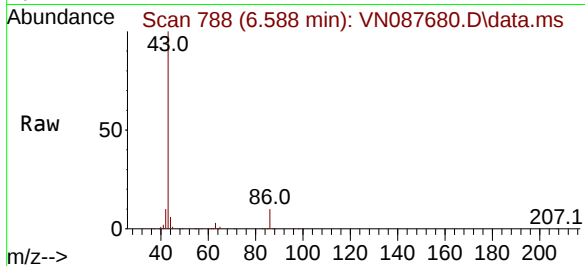




#23
 Vinyl Acetate
 Concen: 87.282 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

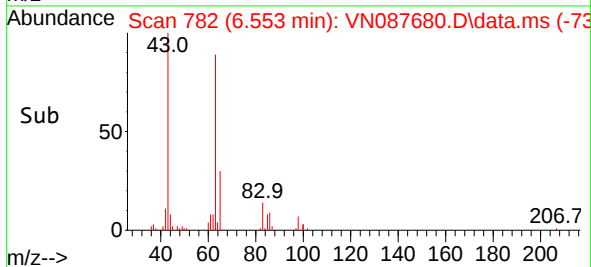
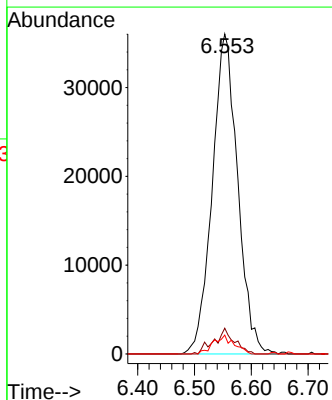
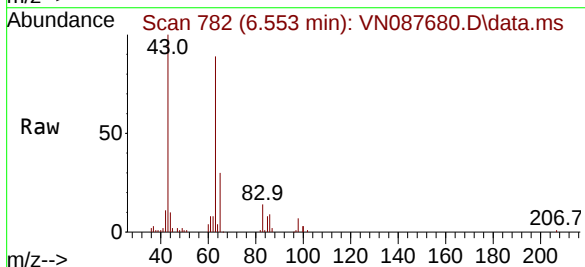
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

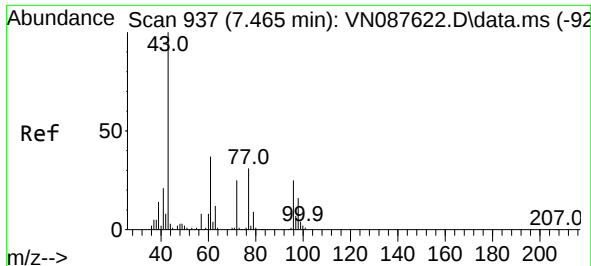
Tgt Ion: 43 Resp: 946844
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.100 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 63 Resp: 111795
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.9 2.0 6.0

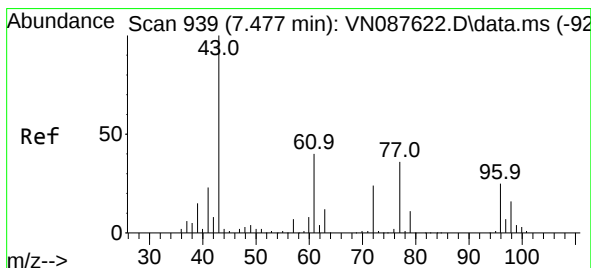
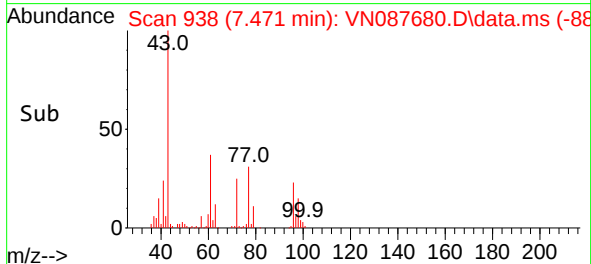
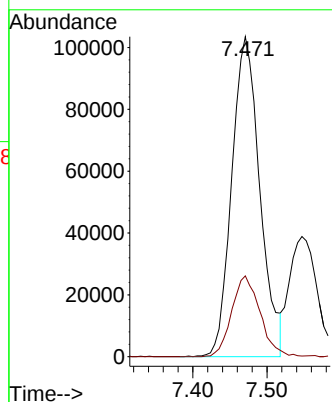
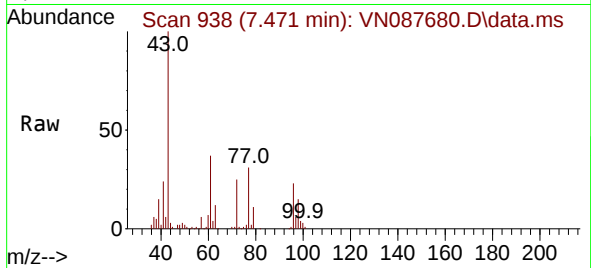




#25
2-Butanone
Concen: 87.871 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

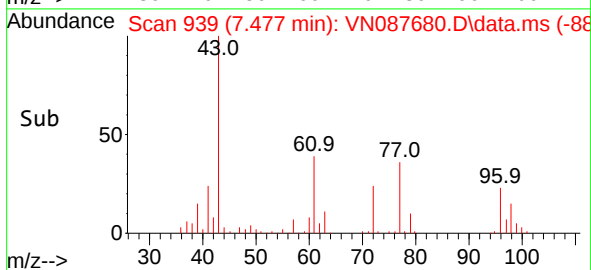
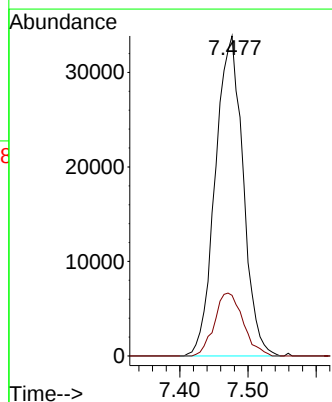
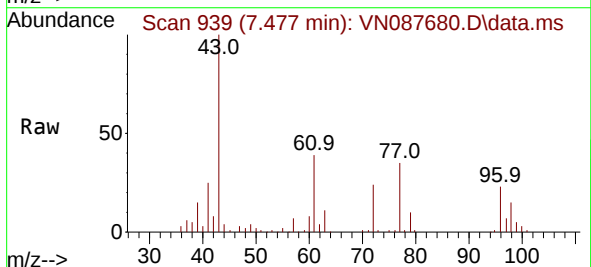
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

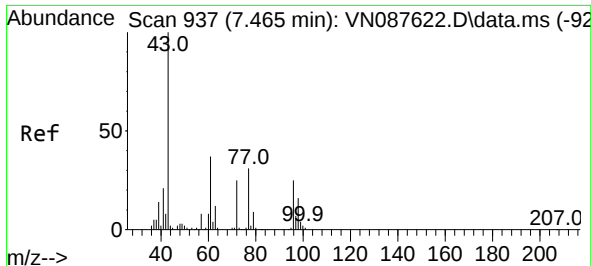
Tgt Ion: 43 Resp: 272688
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.083 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 77 Resp: 95856
Ion Ratio Lower Upper
77 100
97 20.3 10.9 32.7

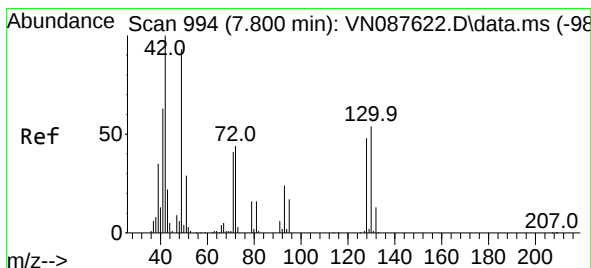
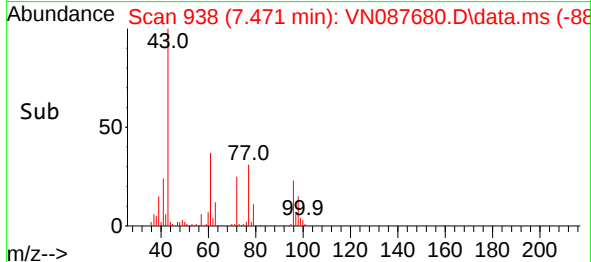
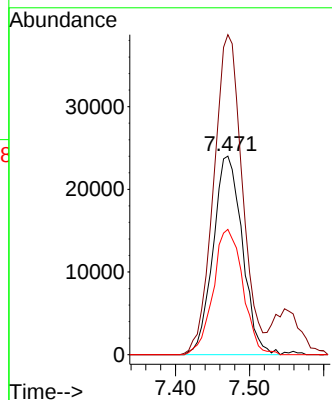
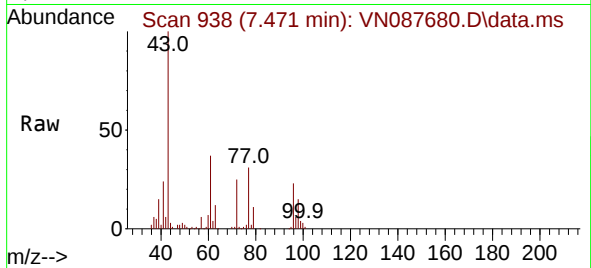




#27
 cis-1,2-Dichloroethene
 Concen: 16.676 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

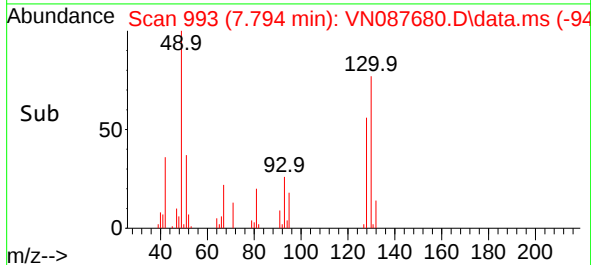
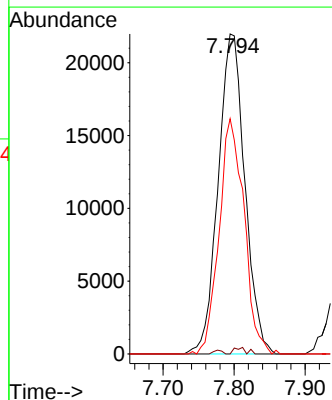
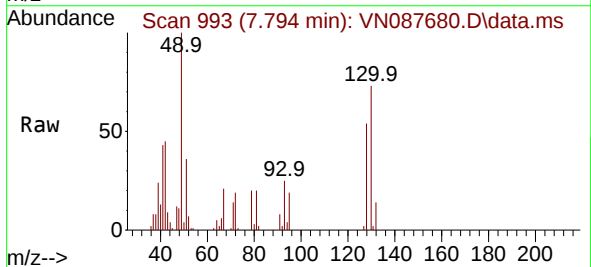
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

Tgt Ion: 96 Resp: 65878
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 301.8
 98 64.1 0.0 126.2



#28
 Bromochloromethane
 Concen: 18.114 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 49 Resp: 57250
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 68.9 53.1 79.7

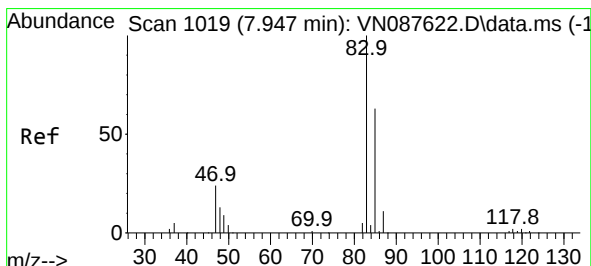
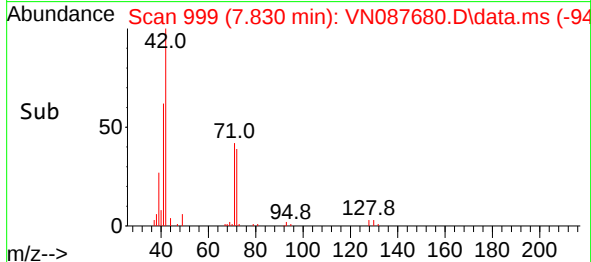
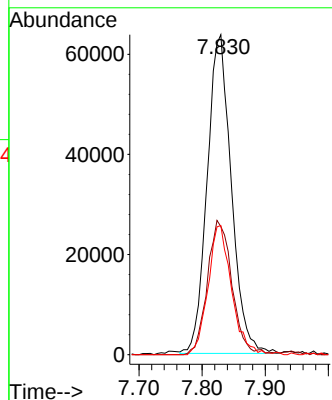
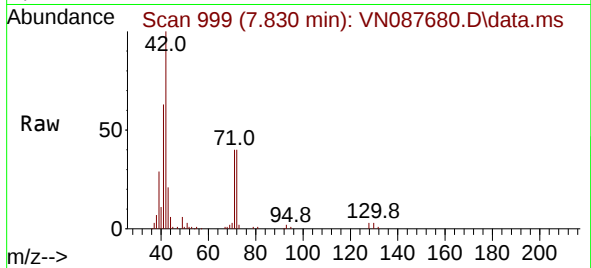




#29
Tetrahydrofuran
Concen: 84.778 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

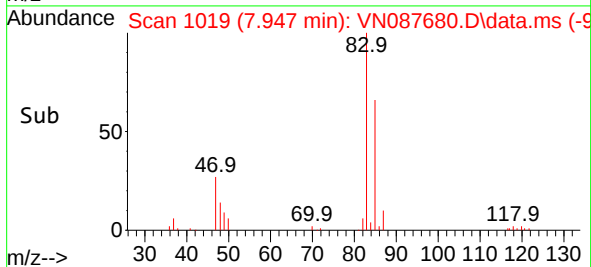
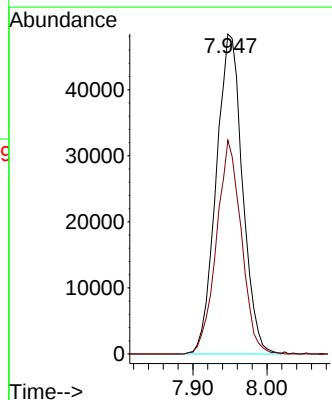
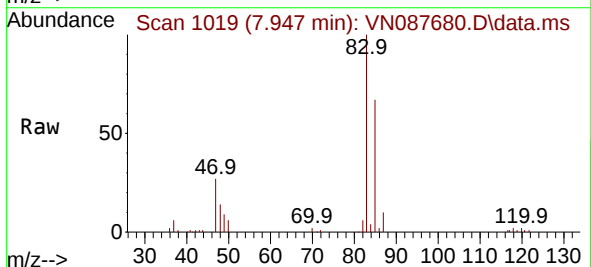
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

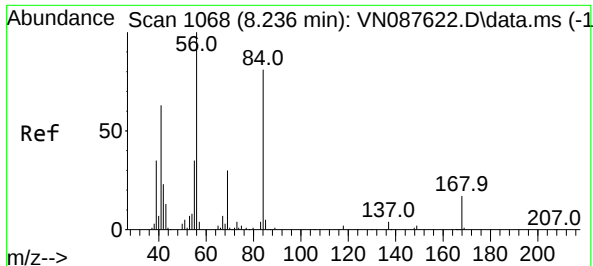
Tgt Ion: 42 Resp: 169313
Ion Ratio Lower Upper
42 100
72 42.9 33.7 50.5
71 39.5 31.9 47.9



#30
Chloroform
Concen: 17.892 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 83 Resp: 119392
Ion Ratio Lower Upper
83 100
85 66.8 50.7 76.1

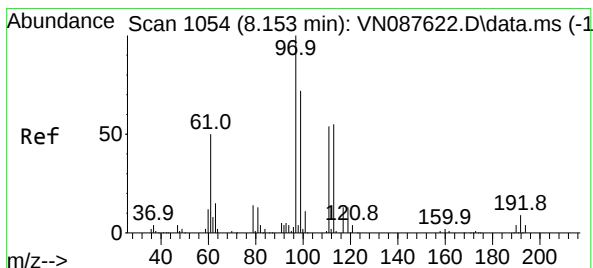
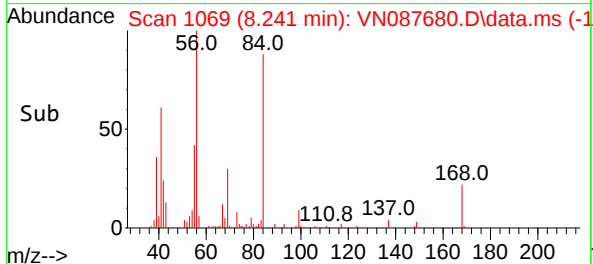
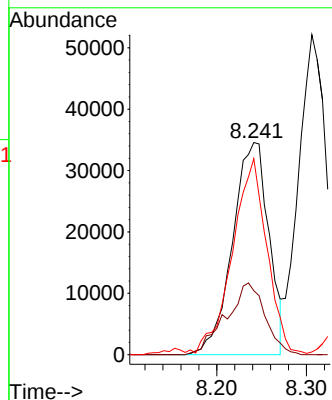
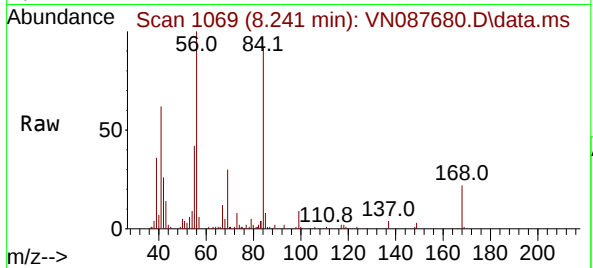




#31
Cyclohexane
Concen: 17.819 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

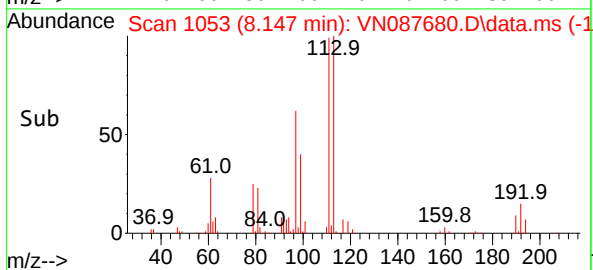
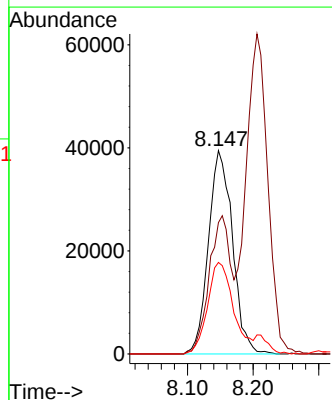
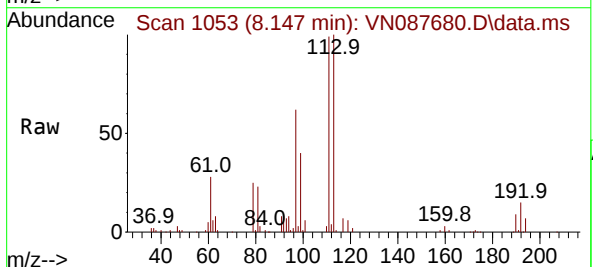
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

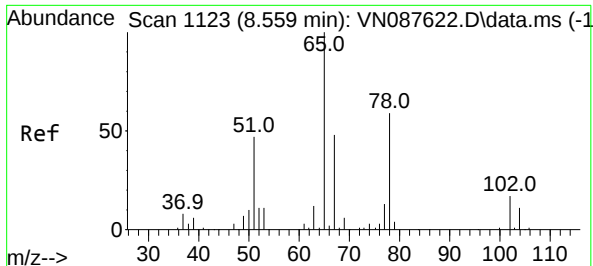
Tgt Ion: 56 Resp: 97119
Ion Ratio Lower Upper
56 100
69 30.2 23.7 35.5
84 90.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.784 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 97 Resp: 100573
Ion Ratio Lower Upper
97 100
99 60.9 52.2 78.2
61 48.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.885 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

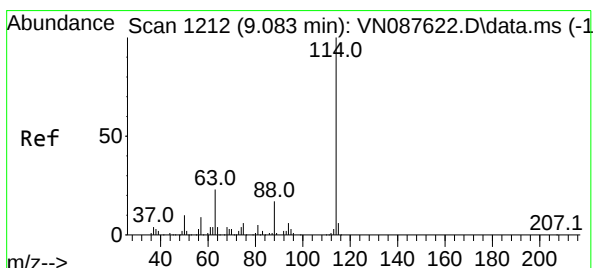
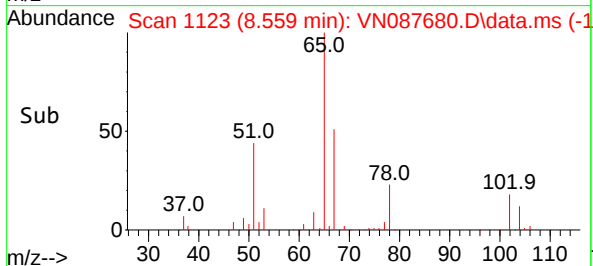
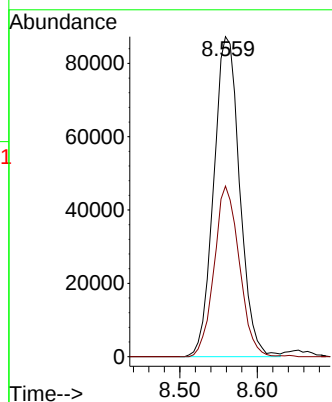
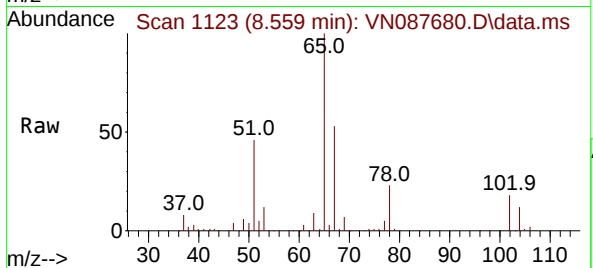
VN0828MBS01

Tgt Ion: 65 Resp: 203158

Ion Ratio Lower Upper

65 100

67 51.6 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: VN087680.D

Acq: 28 Aug 2025 13:24

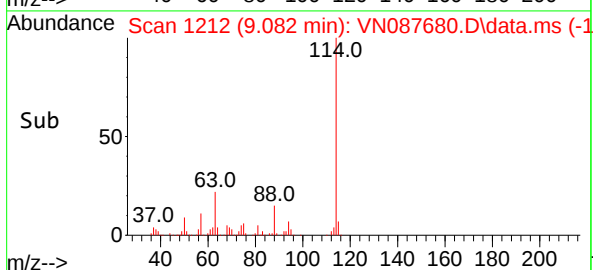
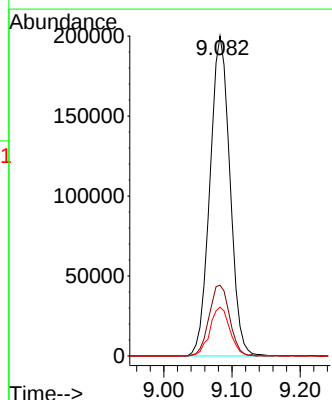
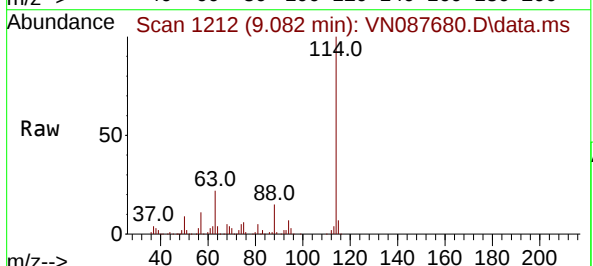
Tgt Ion: 114 Resp: 408603

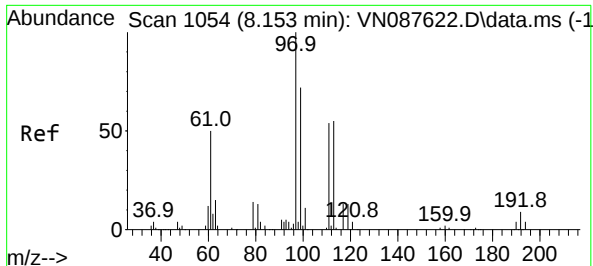
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.019 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

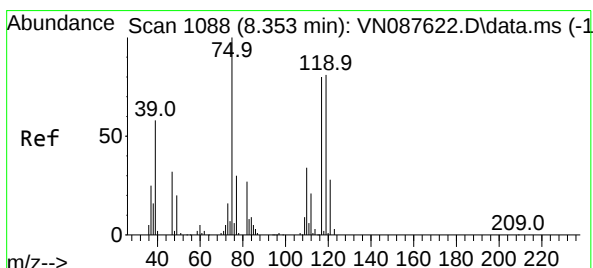
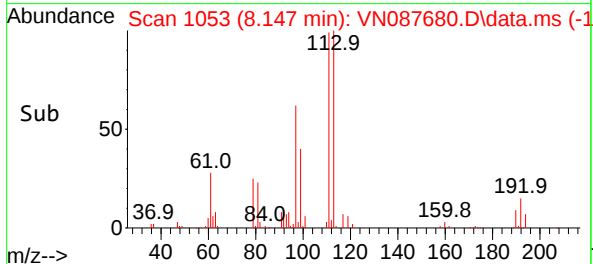
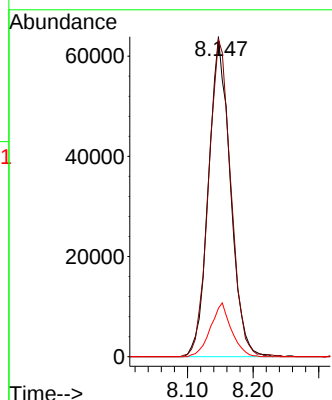
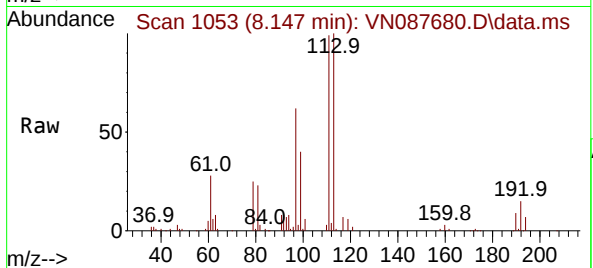
Tgt Ion:113 Resp: 147561

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

192 16.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 16.831 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

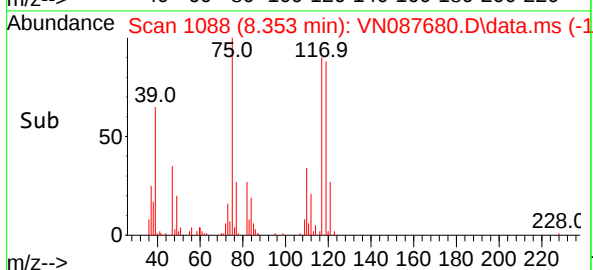
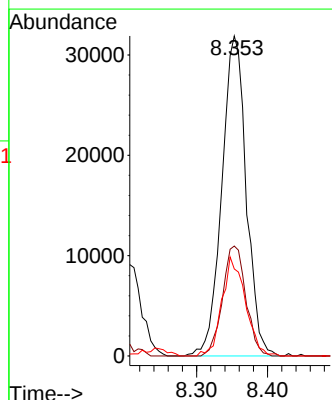
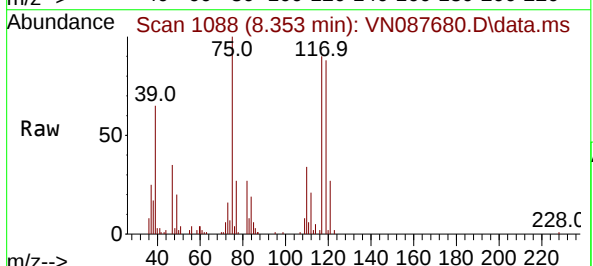
Tgt Ion: 75 Resp: 76175

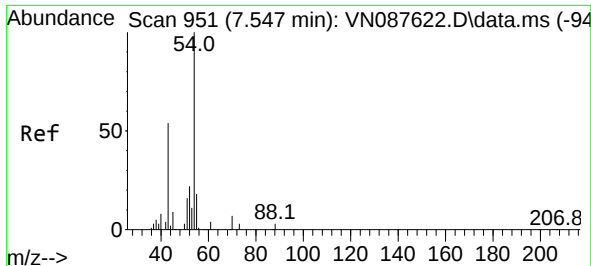
Ion Ratio Lower Upper

75 100

110 32.8 15.9 47.6

77 29.6 24.4 36.6

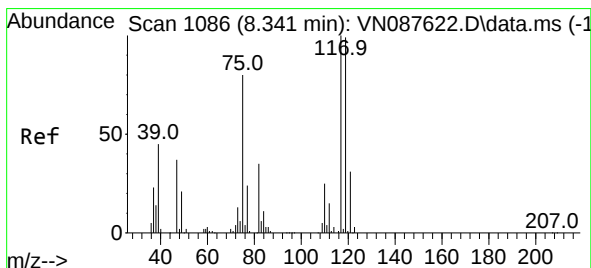
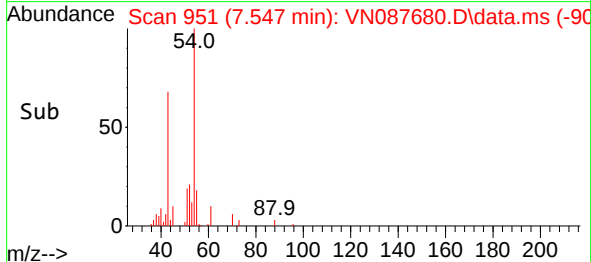
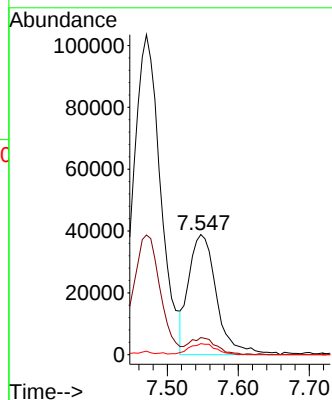
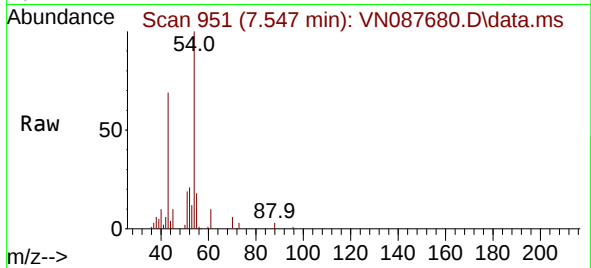




#37
Ethyl Acetate
Concen: 17.133 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

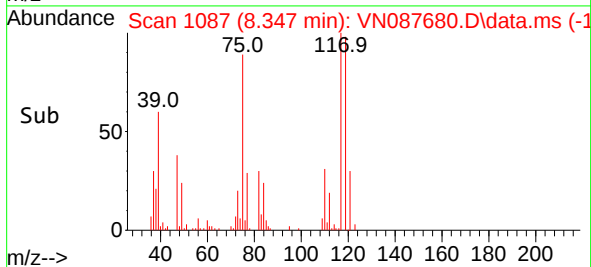
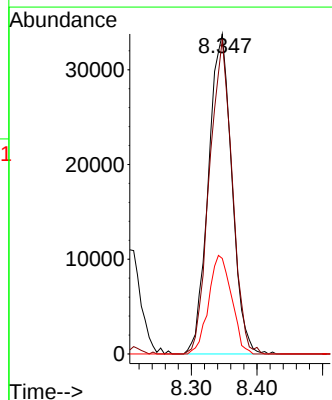
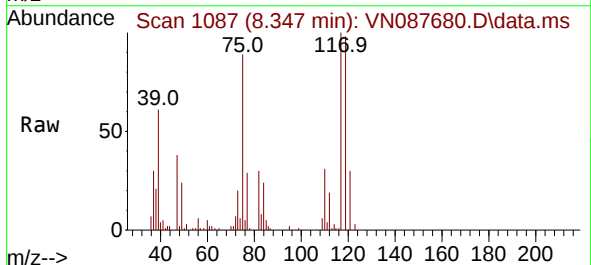
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

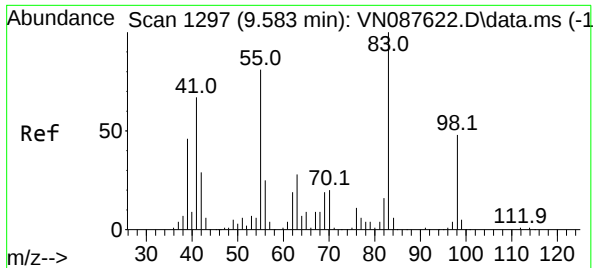
Tgt Ion: 43 Resp: 105957
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 8.9 7.0 10.6



#38
Carbon Tetrachloride
Concen: 18.830 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 117 Resp: 84141
Ion Ratio Lower Upper
117 100
119 98.3 79.0 118.6
121 29.8 25.0 37.6





#39

Methylcyclohexane

Concen: 17.940 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

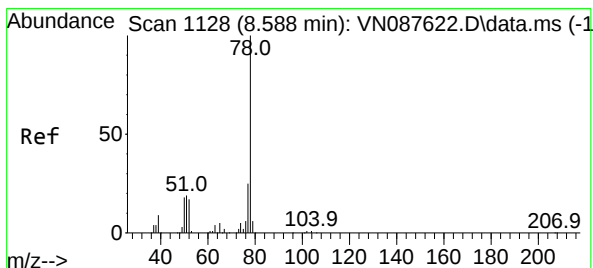
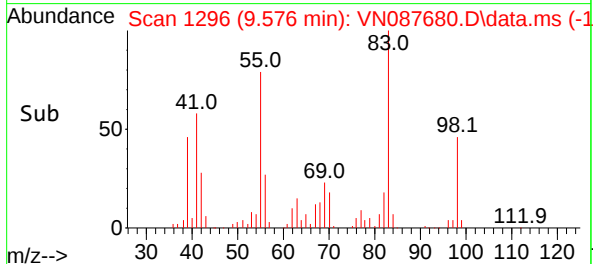
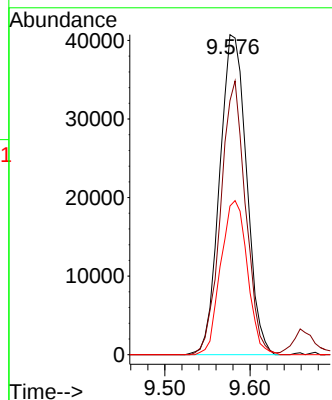
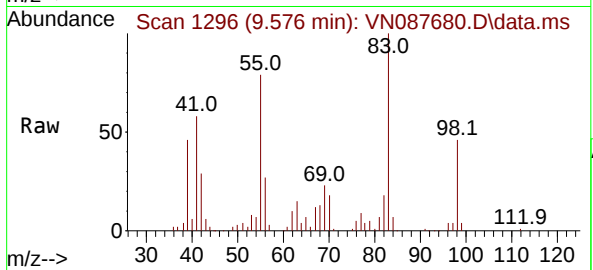
Tgt Ion: 83 Resp: 89392

Ion Ratio Lower Upper

83 100

55 79.4 64.6 96.8

98 46.4 38.4 57.6



#40

Benzene

Concen: 17.377 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087680.D

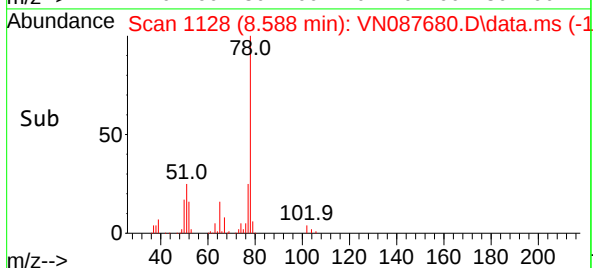
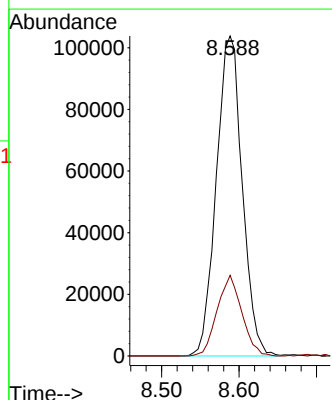
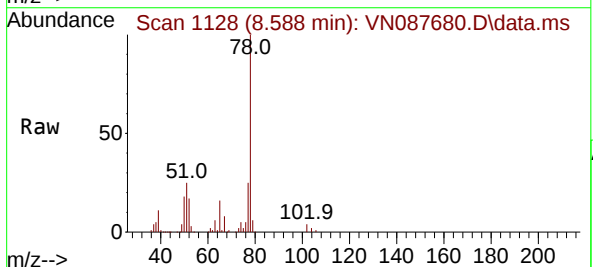
Acq: 28 Aug 2025 13:24

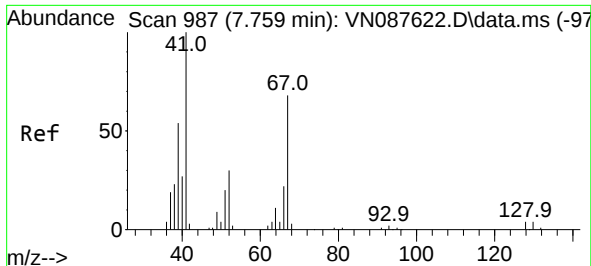
Tgt Ion: 78 Resp: 241215

Ion Ratio Lower Upper

78 100

77 25.2 19.7 29.5

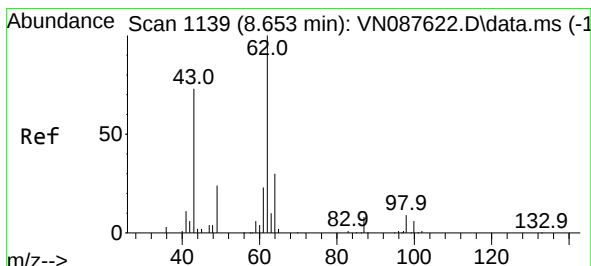
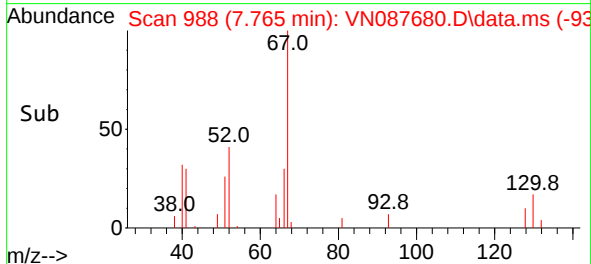
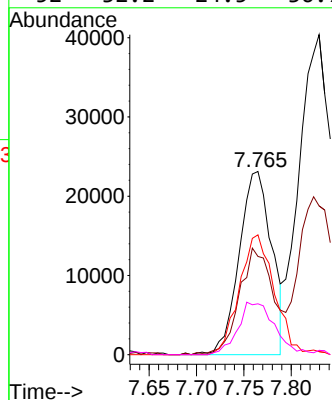
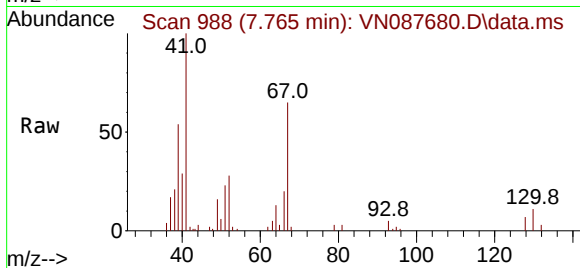




#41
Methacrylonitrile
Concen: 17.243 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

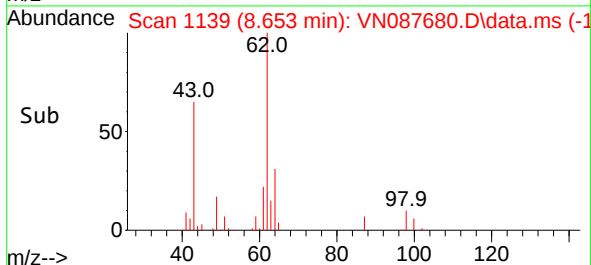
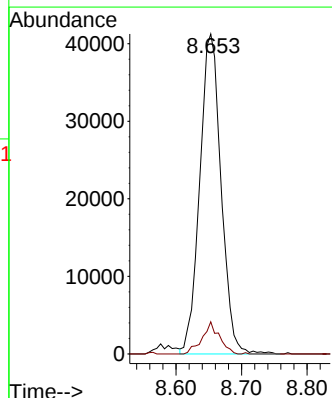
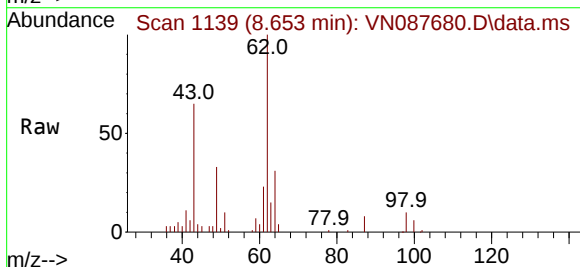
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

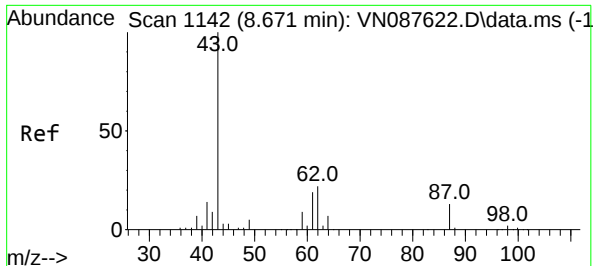
Tgt Ion:	41	Resp:	55238
Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.4	68.0
67	71.2	55.3	82.9
52	32.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.540 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:	62	Resp:	93566
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4

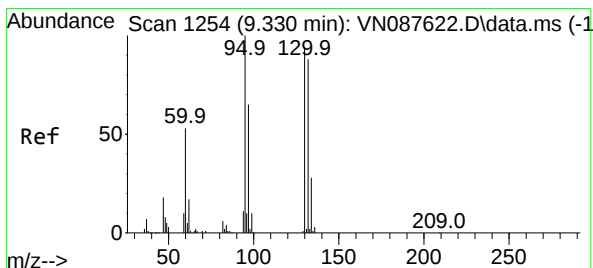
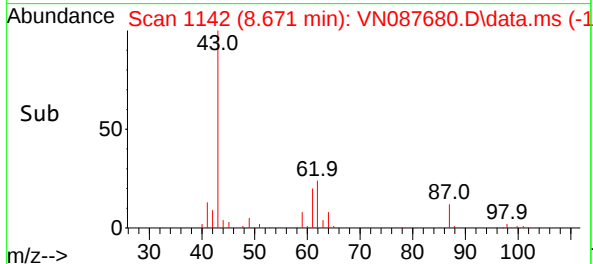
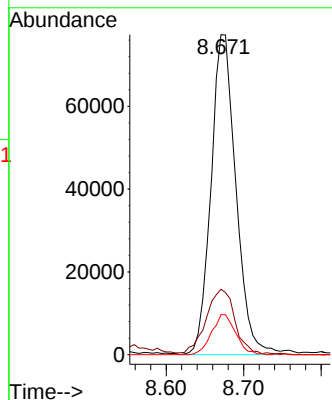
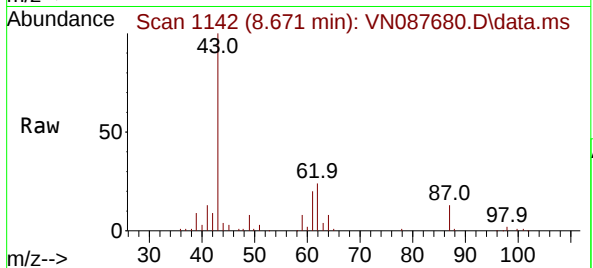




#43
Isopropyl Acetate
Concen: 17.918 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

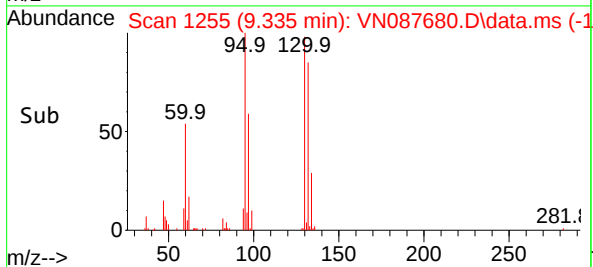
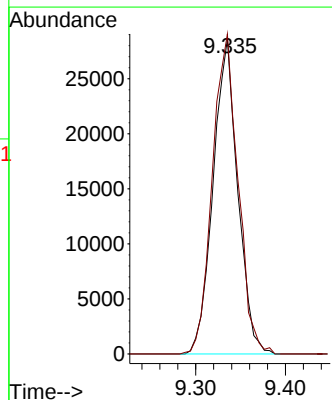
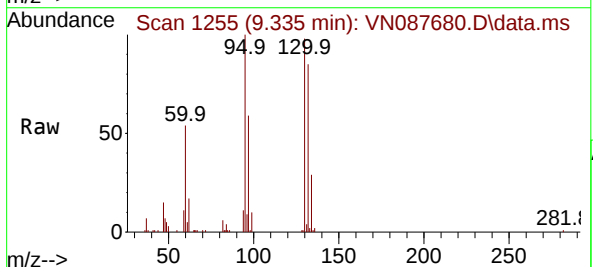
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

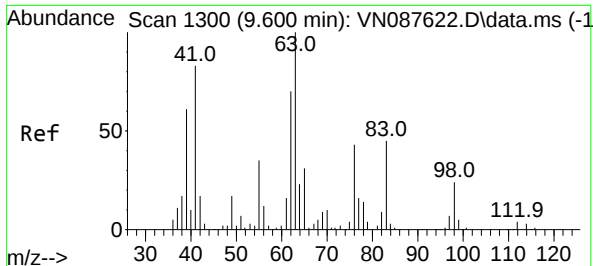
Tgt Ion: 43 Resp: 173012
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.0 9.6 14.4



#44
Trichloroethene
Concen: 17.190 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:130 Resp: 54478
Ion Ratio Lower Upper
130 100
95 101.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.916 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

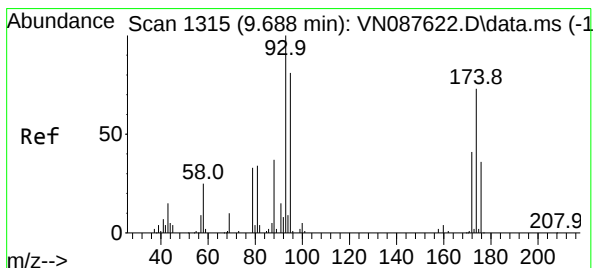
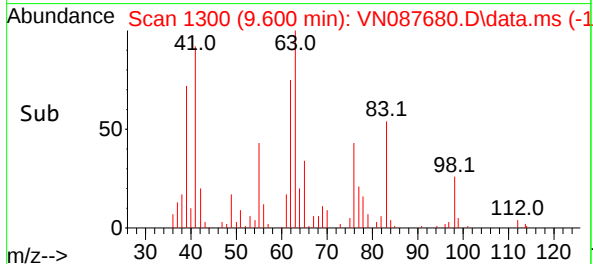
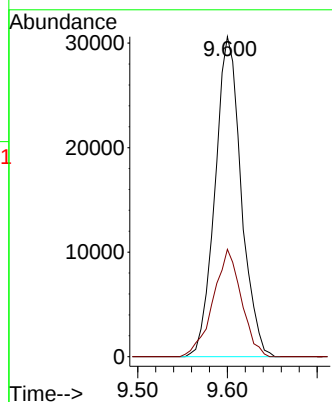
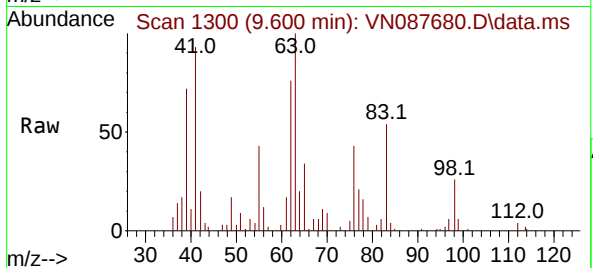
VN0828MBS01

Tgt Ion: 63 Resp: 61896

Ion Ratio Lower Upper

63 100

65 33.6 25.0 37.4



#46

Dibromomethane

Concen: 17.526 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

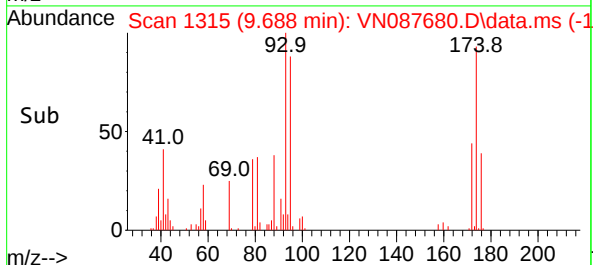
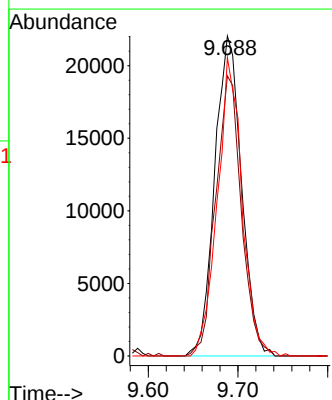
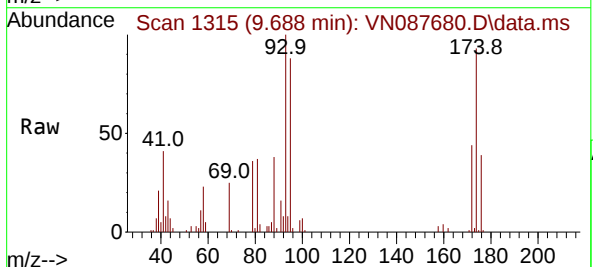
Tgt Ion: 93 Resp: 45634

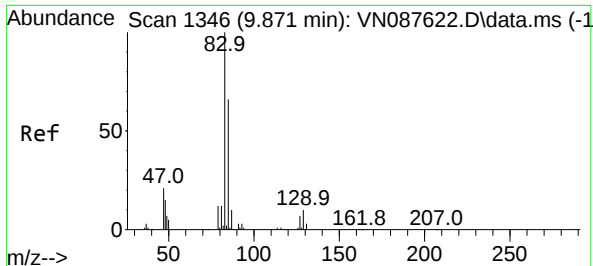
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 86.1 63.4 95.2

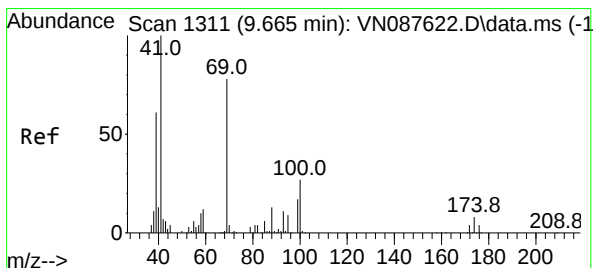
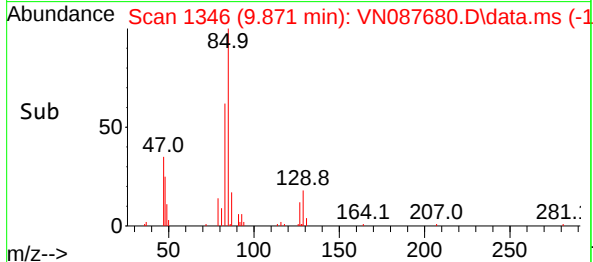
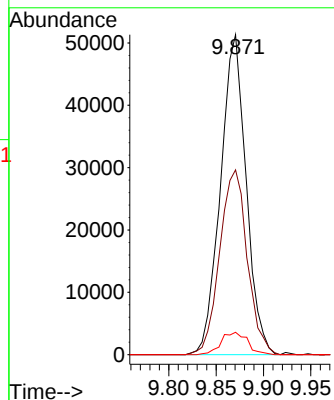
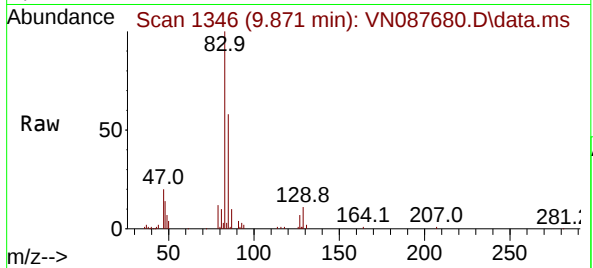




#47
Bromodichloromethane
Concen: 18.100 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

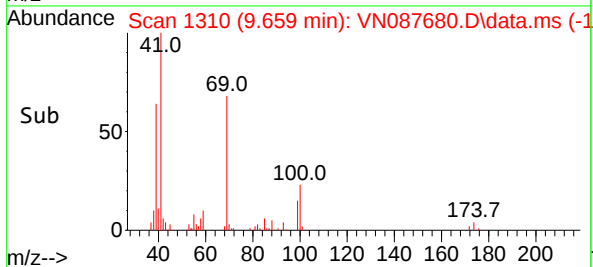
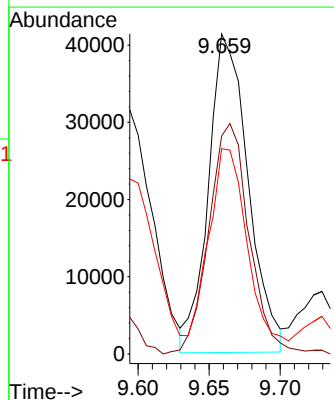
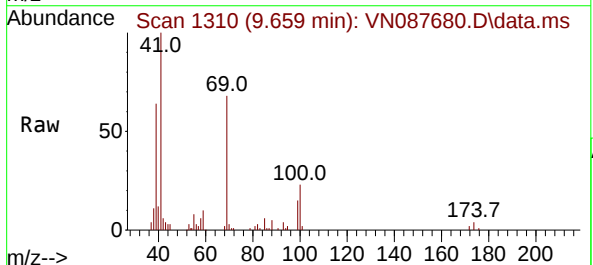
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

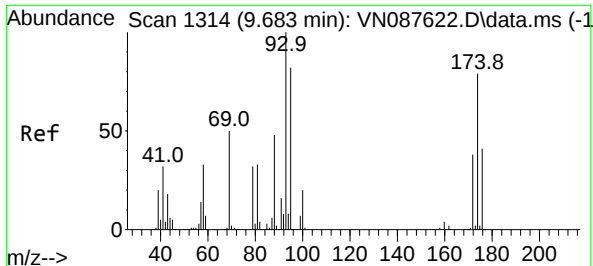
Tgt Ion: 83 Resp: 96586
Ion Ratio Lower Upper
83 100
85 57.7 52.5 78.7
127 7.0 5.8 8.6



#48
Methyl methacrylate
Concen: 17.580 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 41 Resp: 80291
Ion Ratio Lower Upper
41 100
69 73.9 62.7 94.1
39 63.6 52.9 79.3





#49

1,4-Dioxane

Concen: 371.763 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

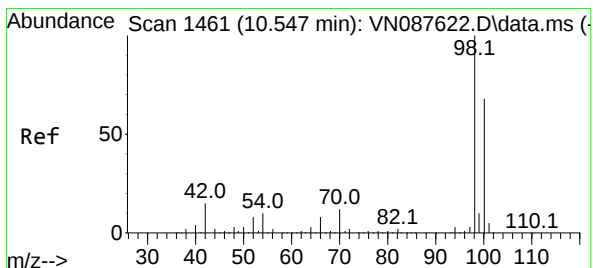
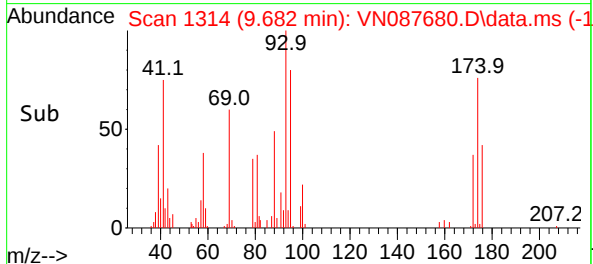
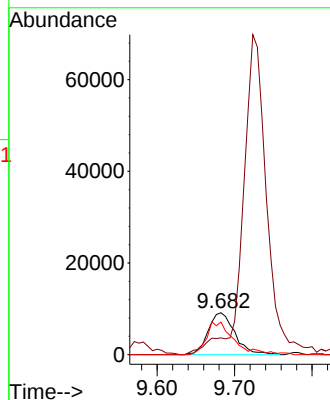
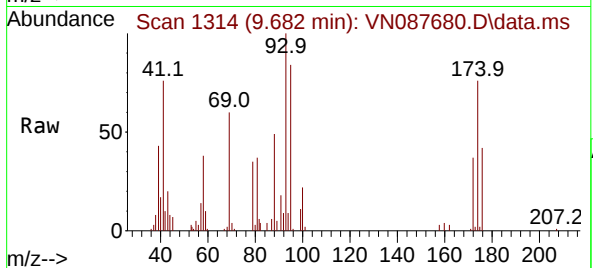
Tgt Ion: 88 Resp: 22007

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 80.3 57.9 86.9



#50

Toluene-d8

Concen: 47.480 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087680.D

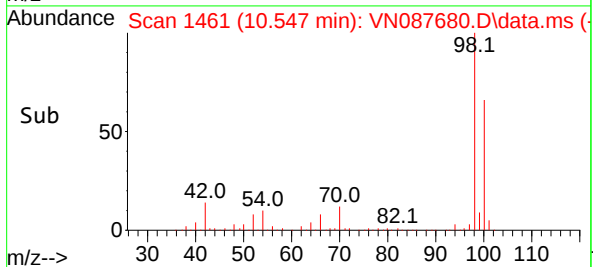
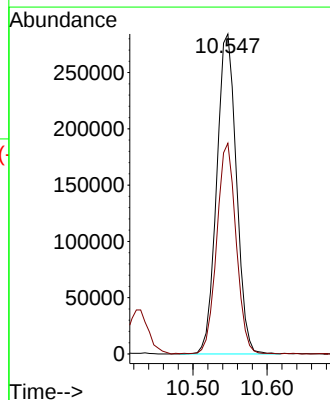
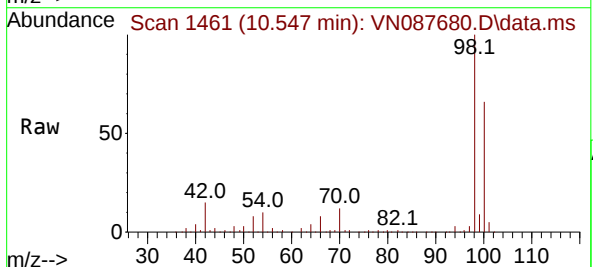
Acq: 28 Aug 2025 13:24

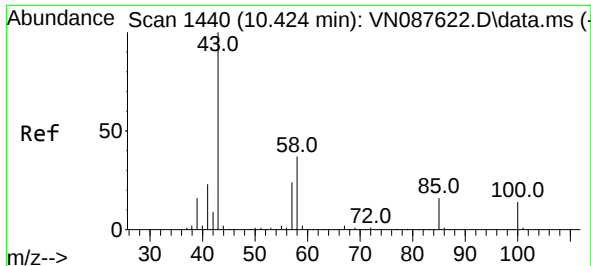
Tgt Ion: 98 Resp: 524256

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2

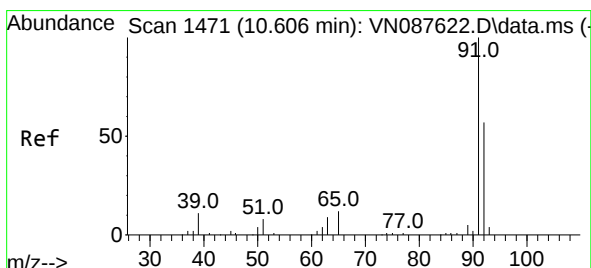
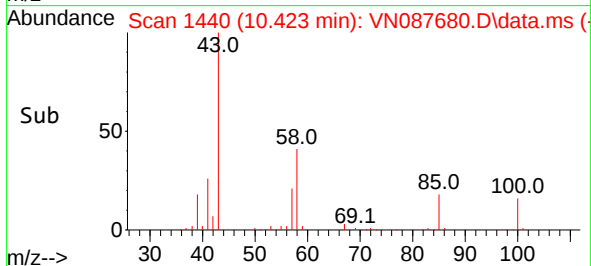
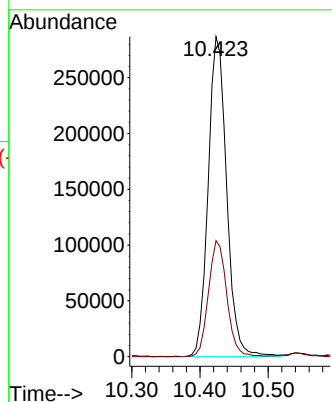
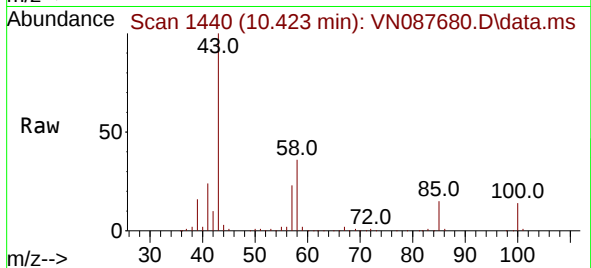




#51
4-Methyl-2-Pentanone
Concen: 92.716 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

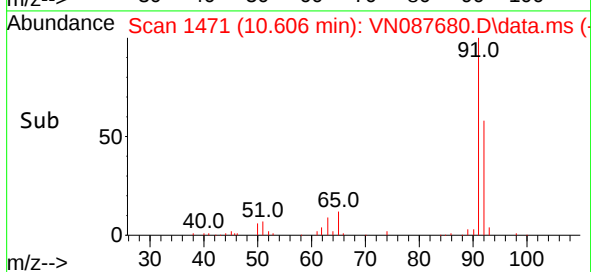
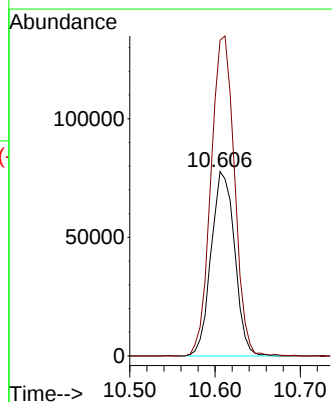
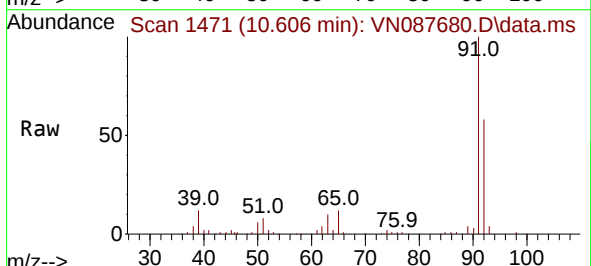
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

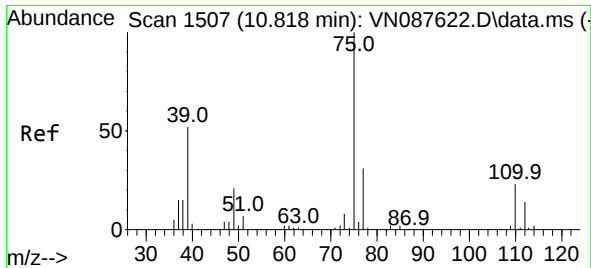
Tgt Ion: 43 Resp: 540127
Ion Ratio Lower Upper
43 100
58 36.0 29.6 44.4



#52
Toluene
Concen: 17.304 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 92 Resp: 148910
Ion Ratio Lower Upper
92 100
91 174.1 140.4 210.6

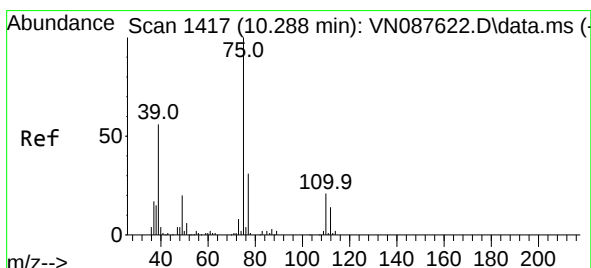
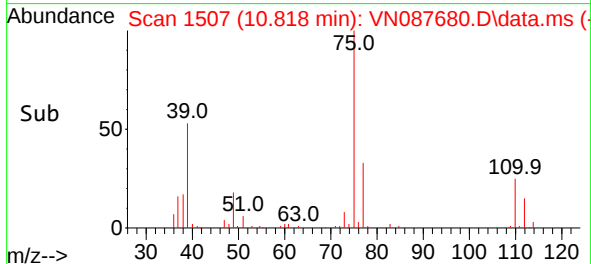
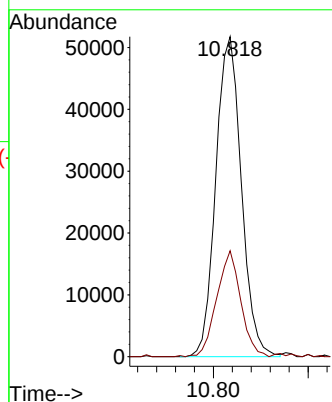
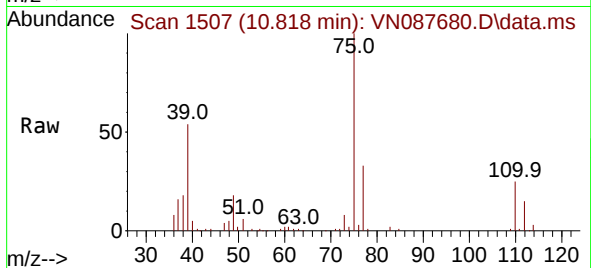




#53
 t-1,3-Dichloropropene
 Concen: 17.546 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

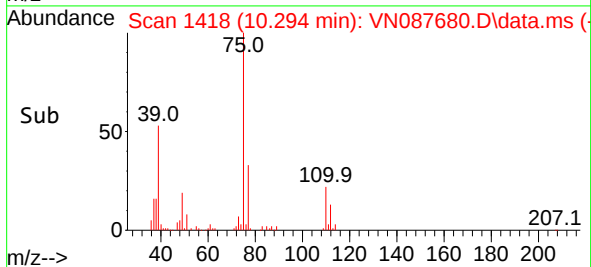
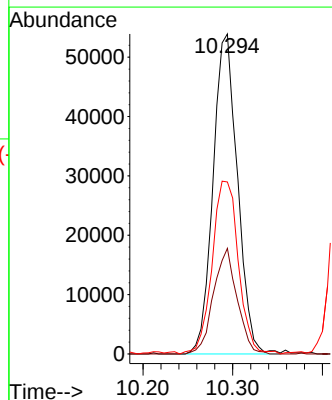
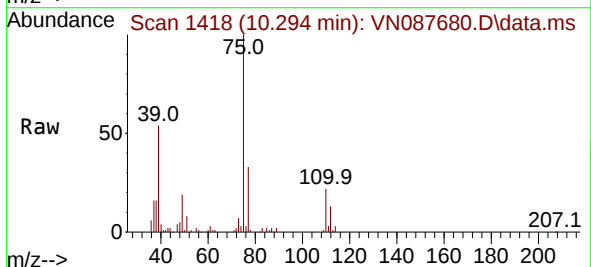
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

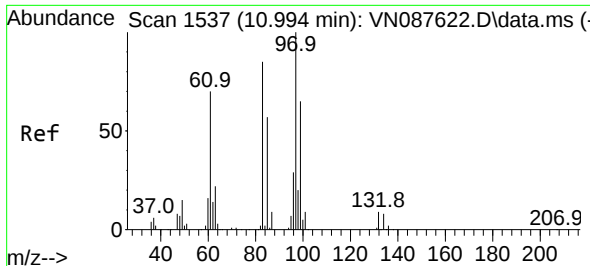
Tgt Ion: 75 Resp: 96916
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.748 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 75 Resp: 101790
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0
 39 53.8 45.2 67.8

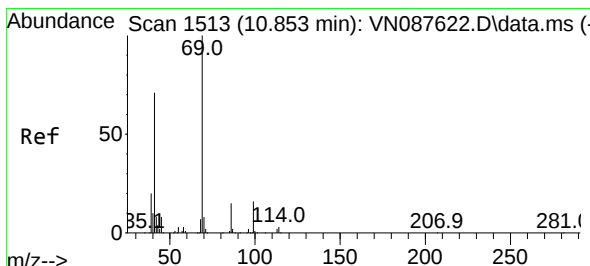
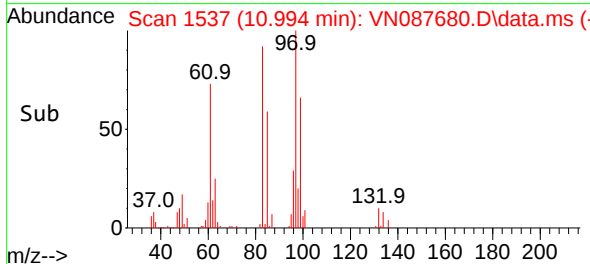
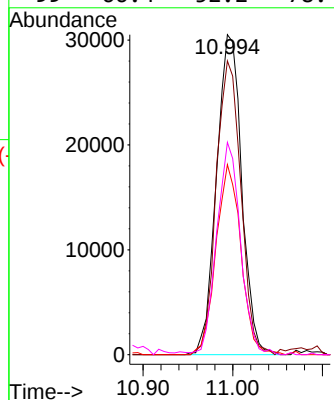
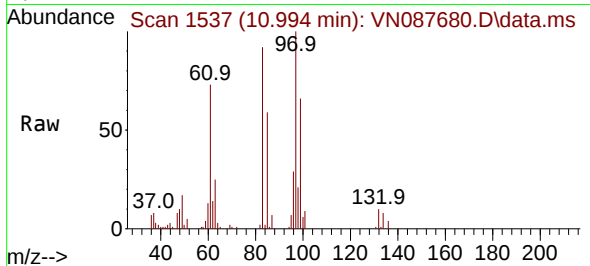




#55
 1,1,2-Trichloroethane
 Concen: 17.901 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

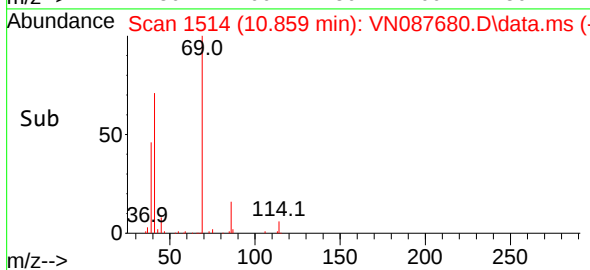
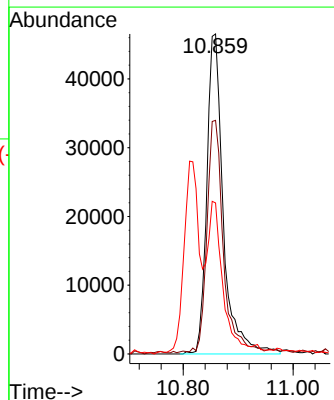
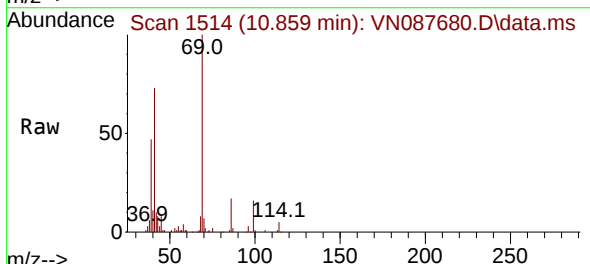
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

Tgt Ion:	97	Resp:	59593
Ion	Ratio	Lower	Upper
97	100		
83	91.8	68.2	102.4
85	59.4	45.5	68.3
99	66.4	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 18.199 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion:	69	Resp:	96822
Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.5	84.7
39	41.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.092 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

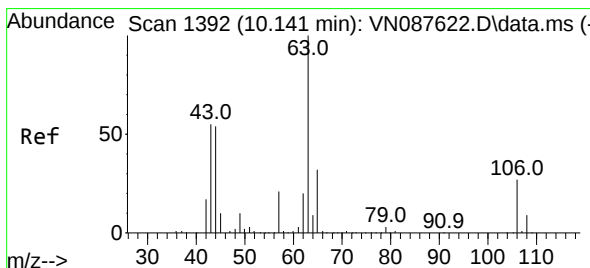
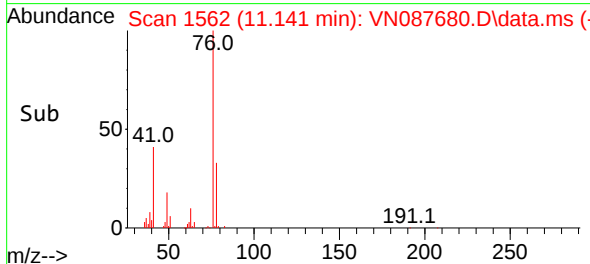
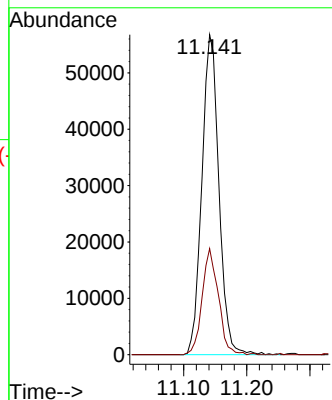
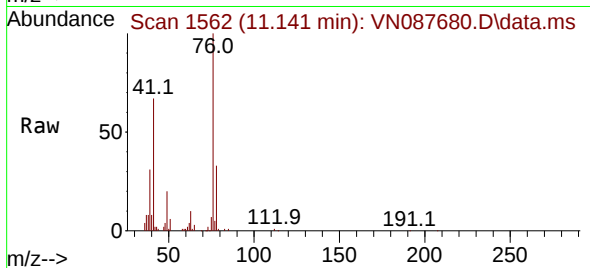
VN0828MBS01

Tgt Ion: 76 Resp: 106592

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.752 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087680.D

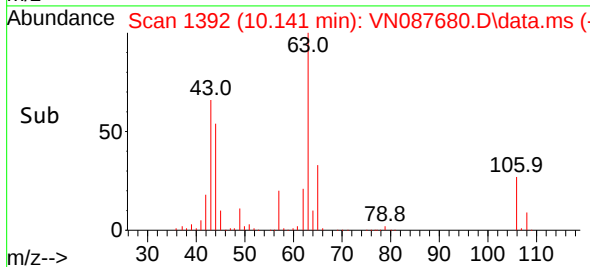
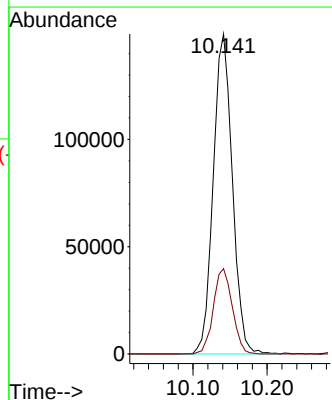
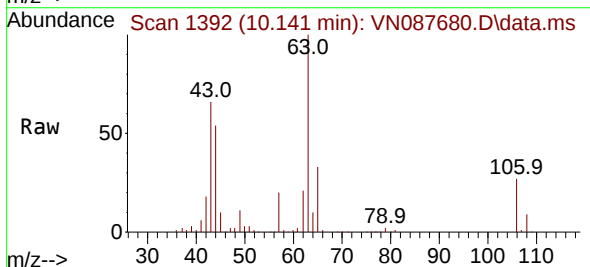
Acq: 28 Aug 2025 13:24

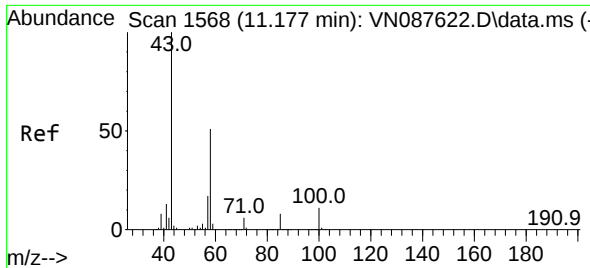
Tgt Ion: 63 Resp: 267088

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

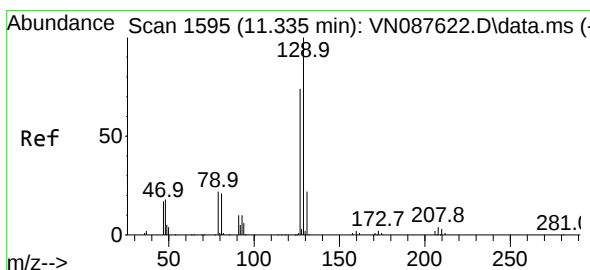
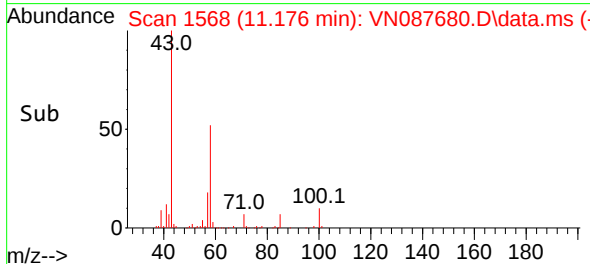
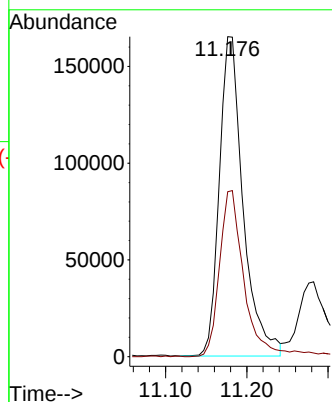
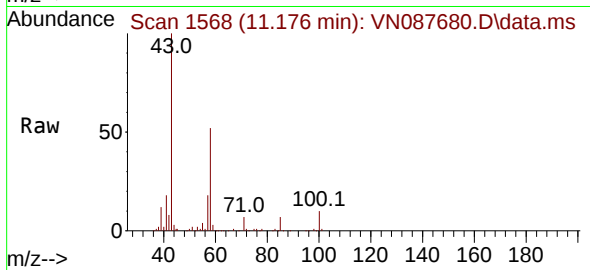




#59
2-Hexanone
Concen: 91.449 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

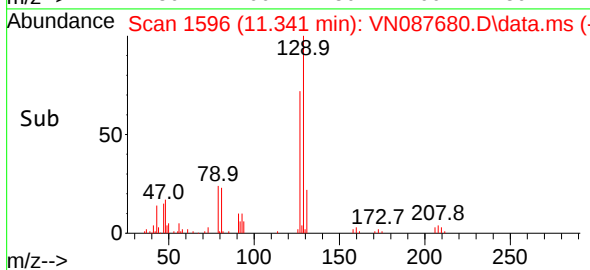
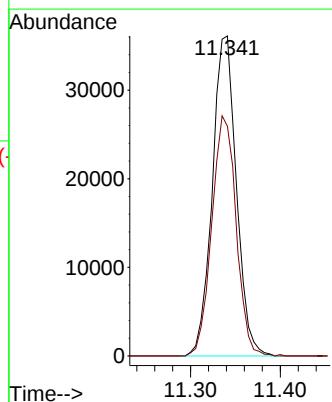
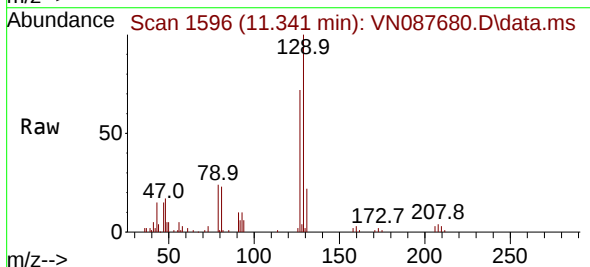
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

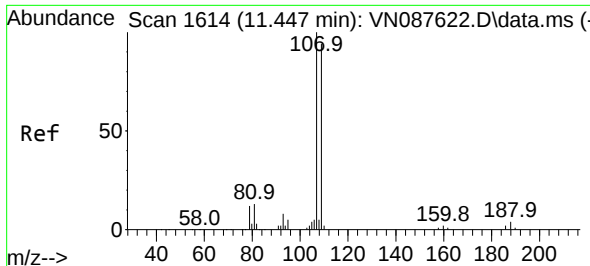
Tgt Ion: 43 Resp: 336693
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8



#60
Dibromochloromethane
Concen: 17.437 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 129 Resp: 67261
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3

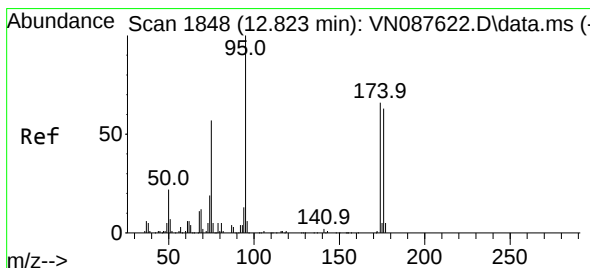
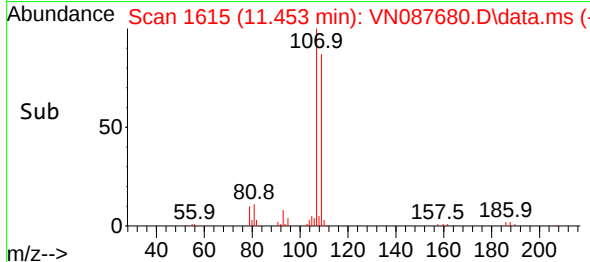
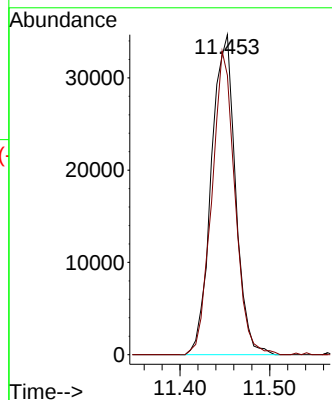
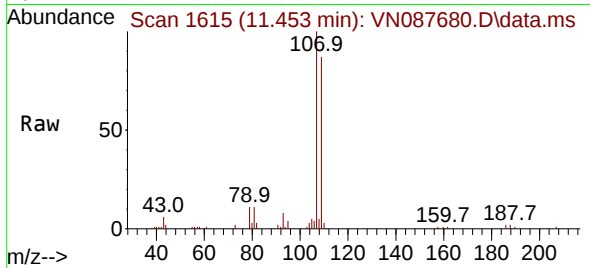




#61
1,2-Dibromoethane
Concen: 18.441 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

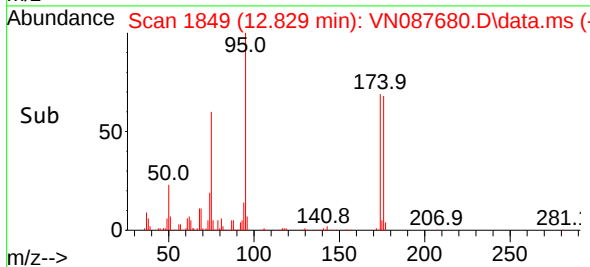
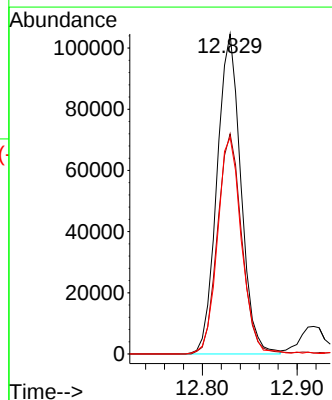
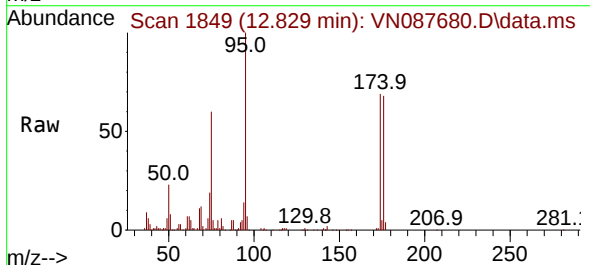
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

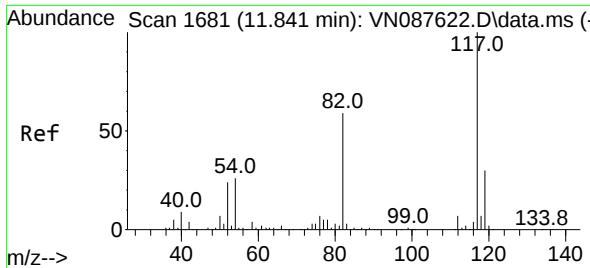
Tgt Ion:107 Resp: 64733
Ion Ratio Lower Upper
107 100
109 90.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.676 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 95 Resp: 183287
Ion Ratio Lower Upper
95 100
174 69.6 0.0 138.4
176 68.0 0.0 132.6

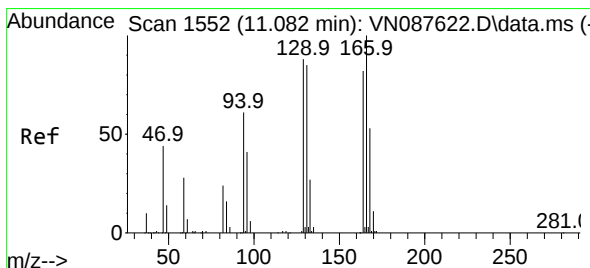
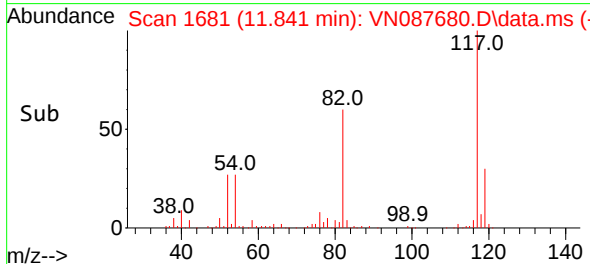
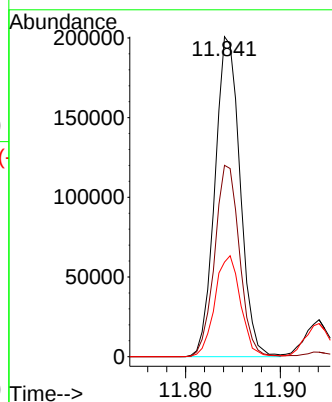
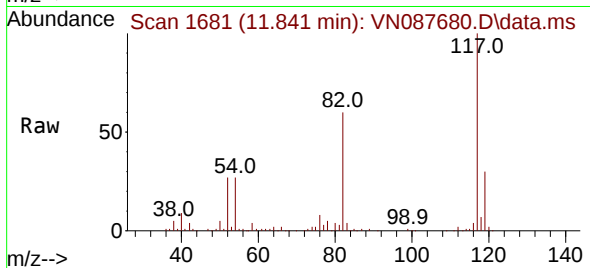




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

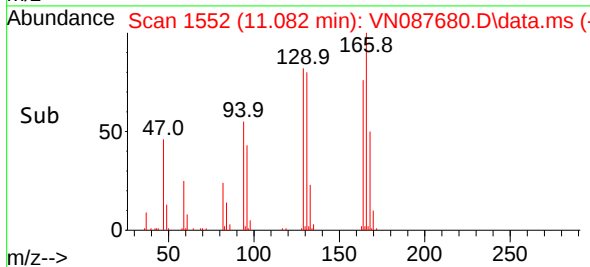
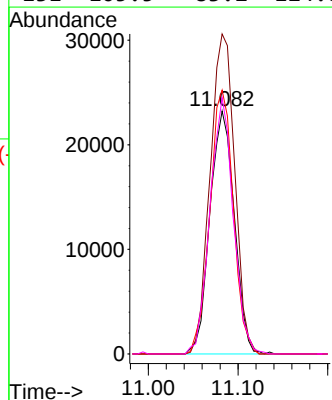
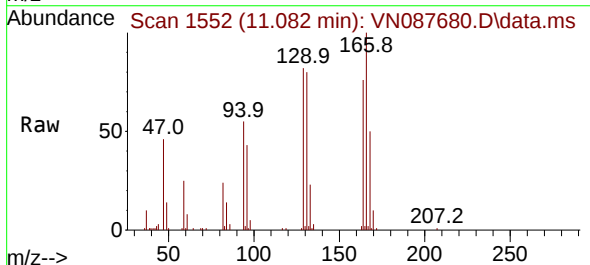
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

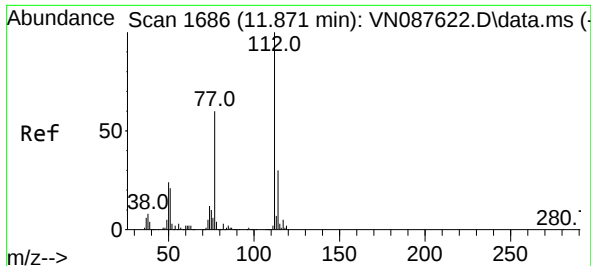
Tgt Ion:117 Resp: 370187
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 29.6 24.3 36.5



#64
Tetrachloroethene
Concen: 17.006 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:164 Resp: 43678
Ion Ratio Lower Upper
164 100
166 131.8 97.7 146.5
129 108.6 85.9 128.9
131 105.5 83.2 124.8

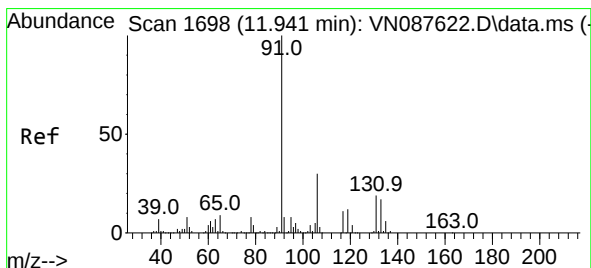
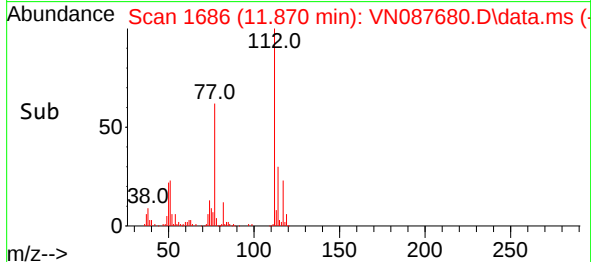
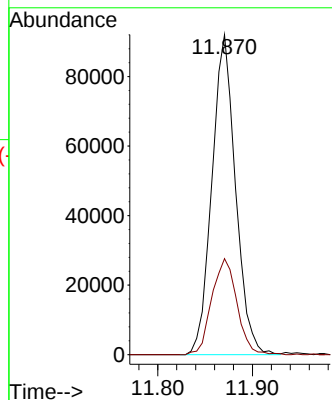
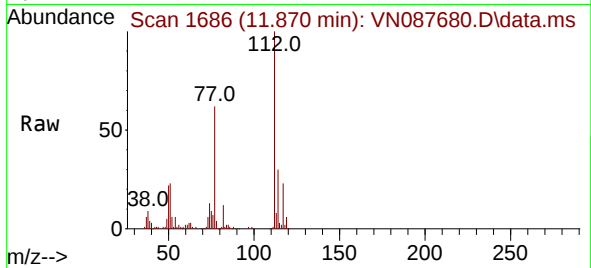




#65
Chlorobenzene
Concen: 17.327 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

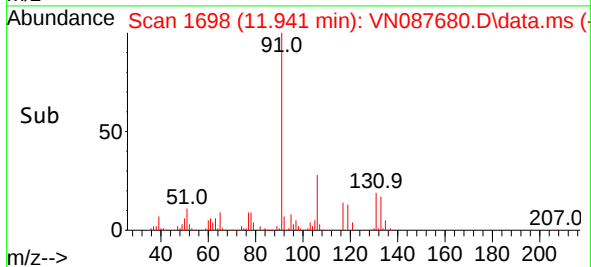
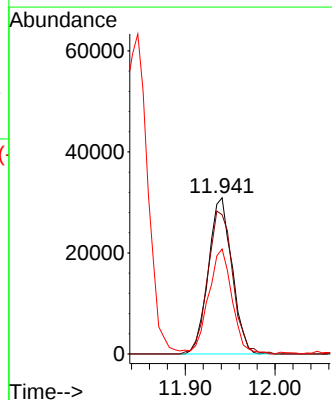
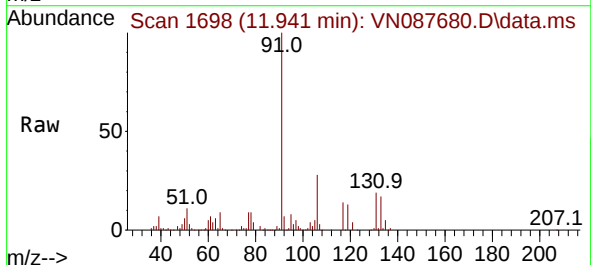
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

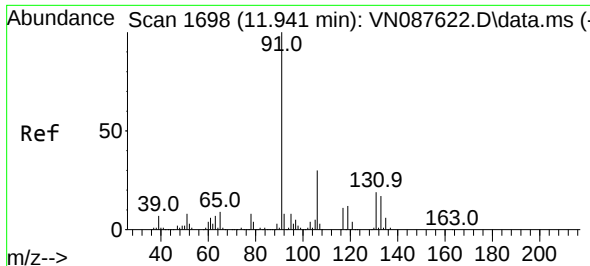
Tgt Ion:112 Resp: 159575
Ion Ratio Lower Upper
112 100
114 30.0 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.526 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:131 Resp: 56642
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 67.3 32.6 97.7

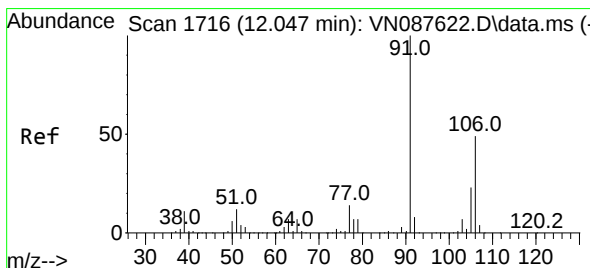
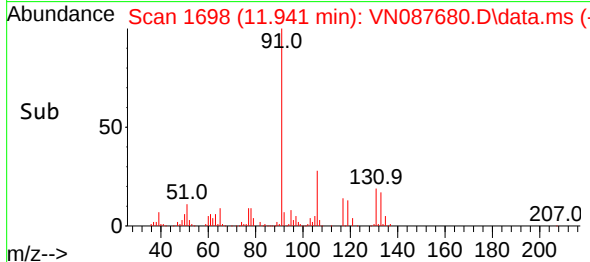
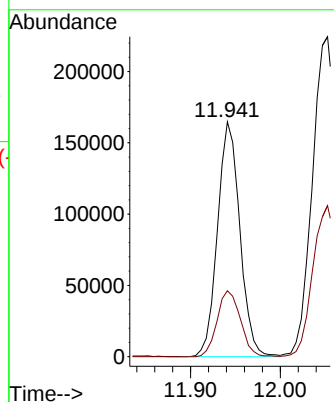
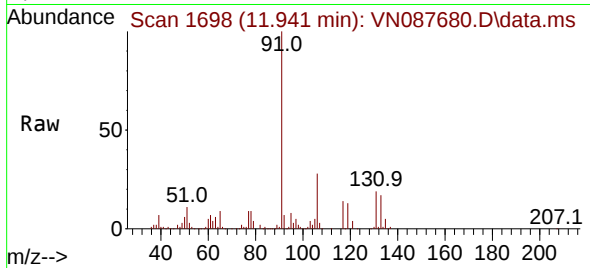




#67
Ethyl Benzene
Concen: 17.872 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

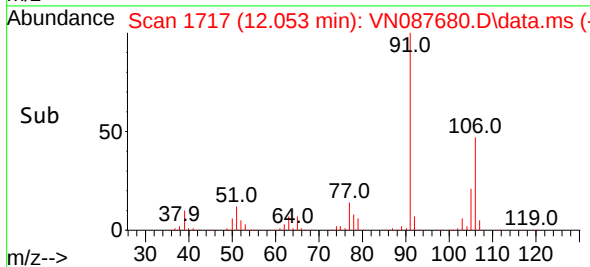
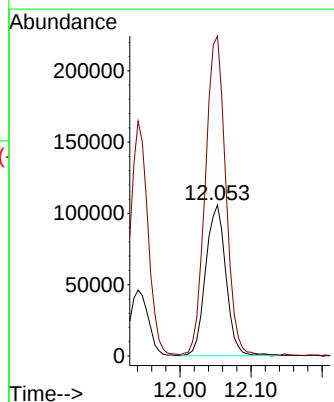
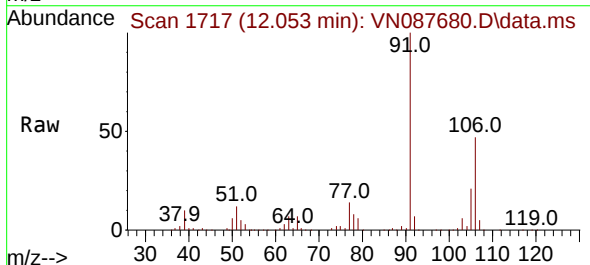
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

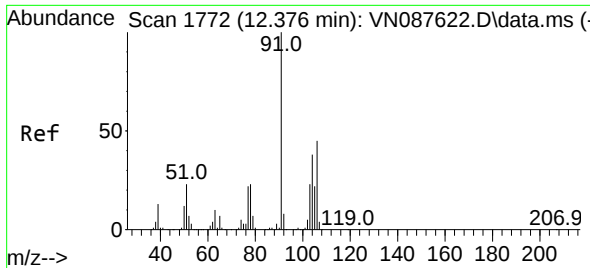
Tgt Ion: 91 Resp: 284977
Ion Ratio Lower Upper
91 100
106 28.1 24.1 36.1



#68
m/p-Xylenes
Concen: 35.796 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 106 Resp: 209338
Ion Ratio Lower Upper
106 100
91 213.8 169.3 253.9

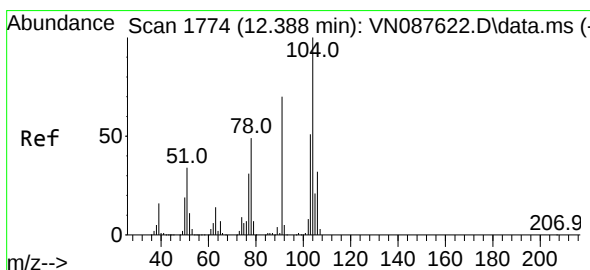
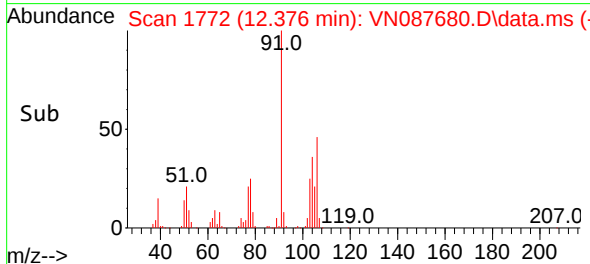
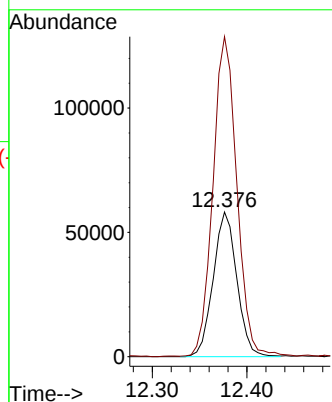
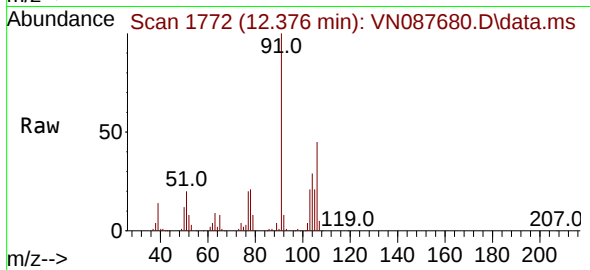




#69
o-Xylene
Concen: 17.633 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

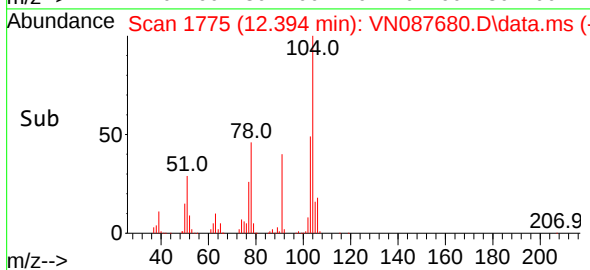
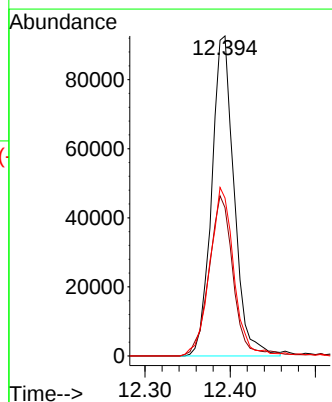
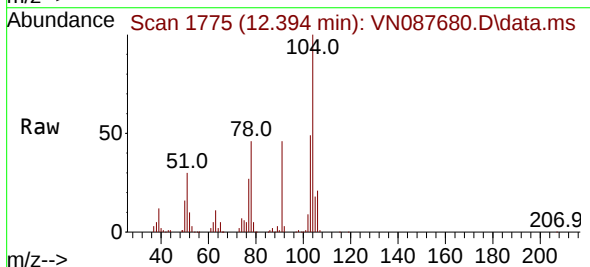
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

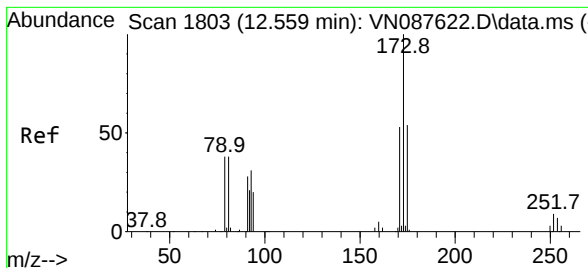
Tgt Ion:106 Resp: 101056
Ion Ratio Lower Upper
106 100
91 224.3 111.4 334.2



#70
Styrene
Concen: 17.669 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:104 Resp: 169650
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.2
103 56.7 43.4 65.2





#71

Bromoform

Concen: 18.222 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

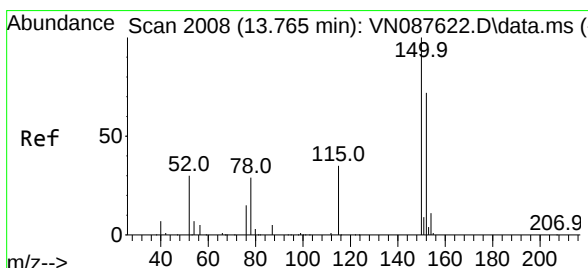
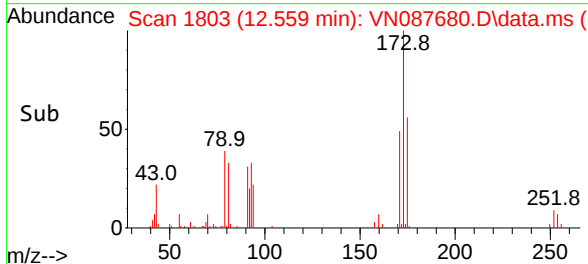
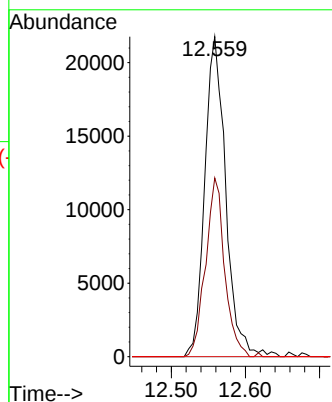
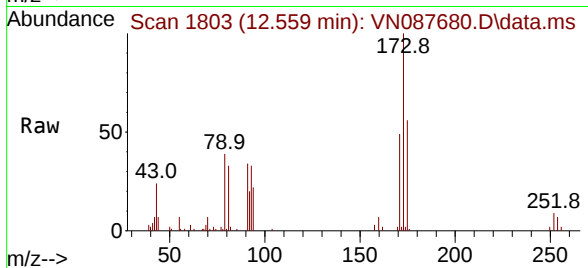
Tgt Ion:173 Resp: 42728

Ion Ratio Lower Upper

173 100

175 50.8 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: VN087680.D

Acq: 28 Aug 2025 13:24

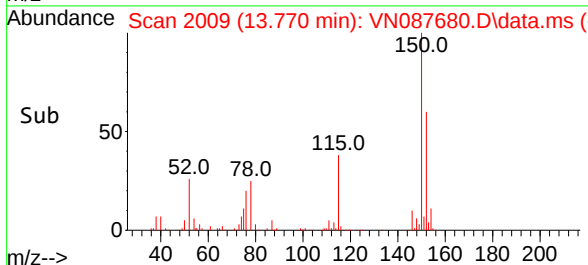
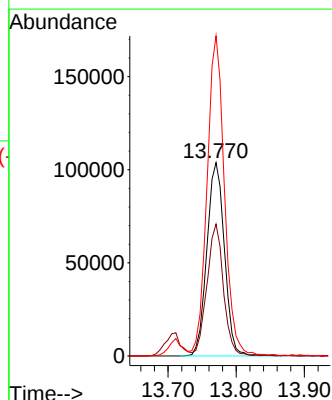
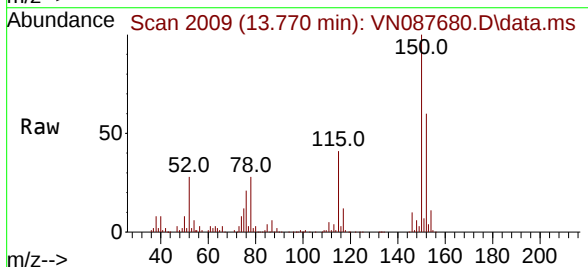
Tgt Ion:152 Resp: 186353

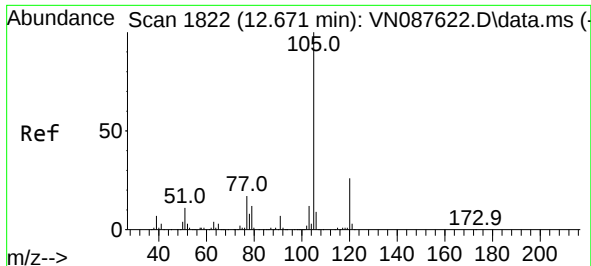
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 163.5 0.0 351.0

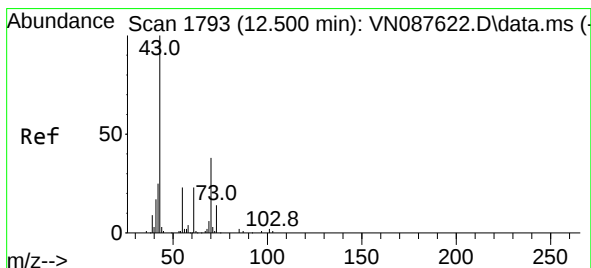
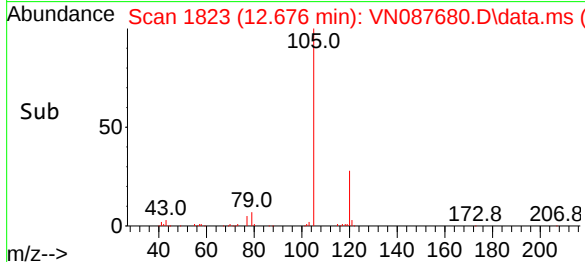
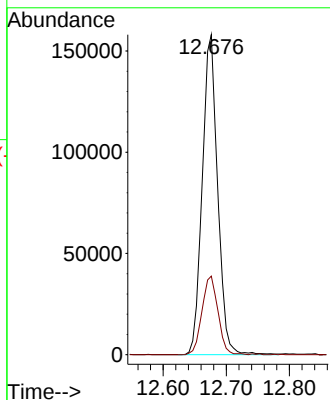
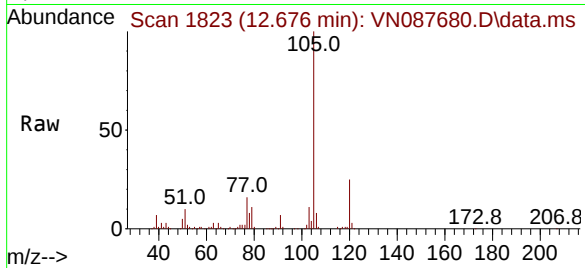




#73
Isopropylbenzene
Concen: 17.772 ug/l
RT: 12.676 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

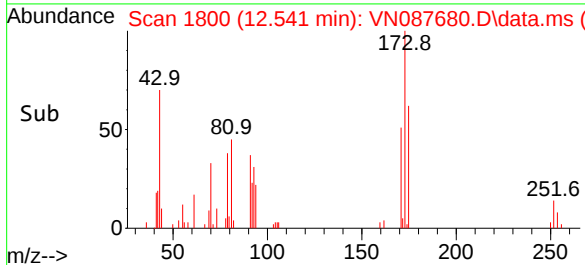
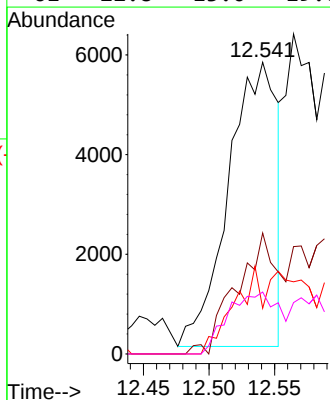
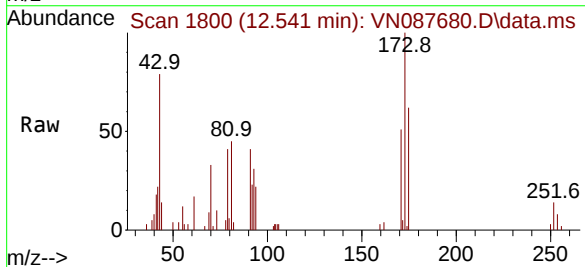
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

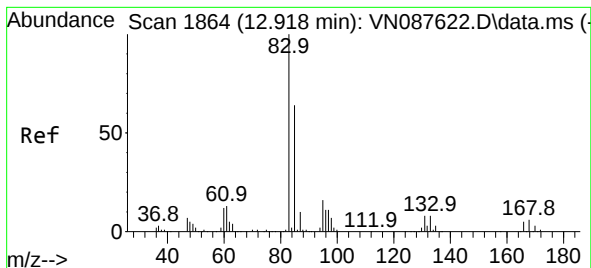
Tgt Ion:105 Resp: 267617
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 2.573 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 43 Resp: 14683
Ion Ratio Lower Upper
43 100
70 37.6 27.6 41.4
55 17.5 13.0 19.6
61 22.8 13.0 19.6#

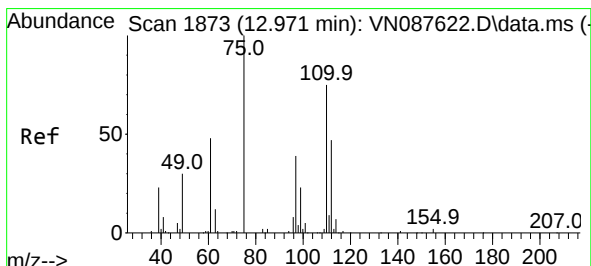
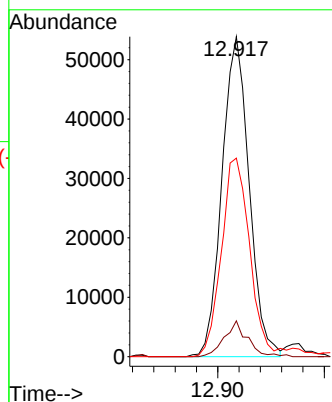
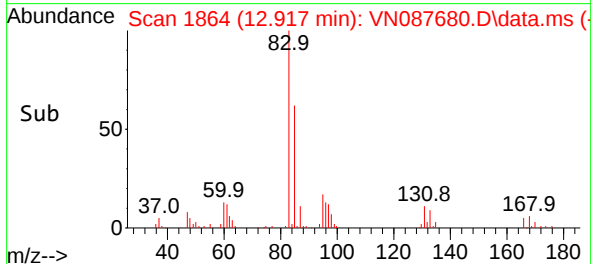
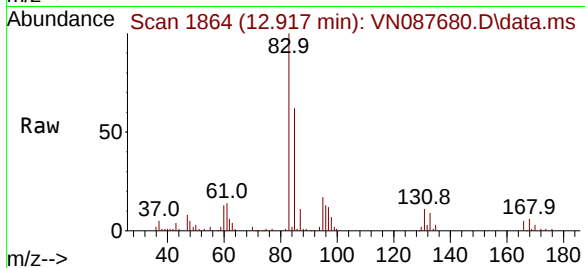




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.369 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

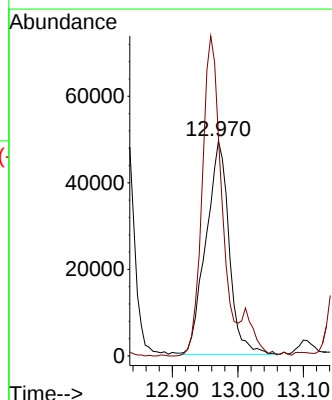
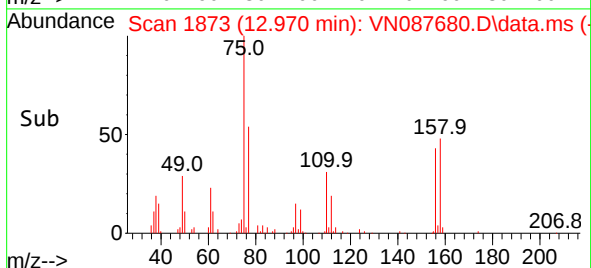
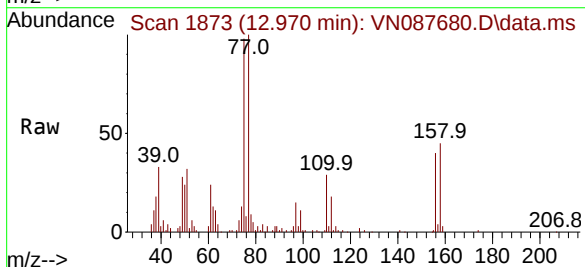
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

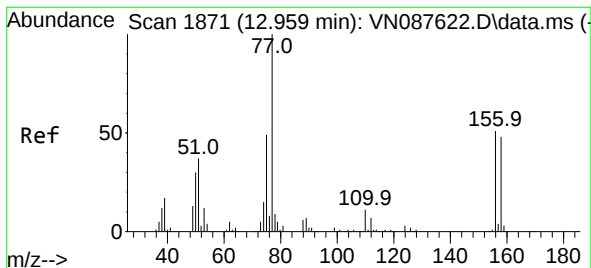
Tgt Ion: 83 Resp: 95232
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 65.0 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 27.633 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 75 Resp: 120757
 Ion Ratio Lower Upper
 75 100
 77 125.1 89.1 267.4





#77

Bromobenzene

Concen: 17.852 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

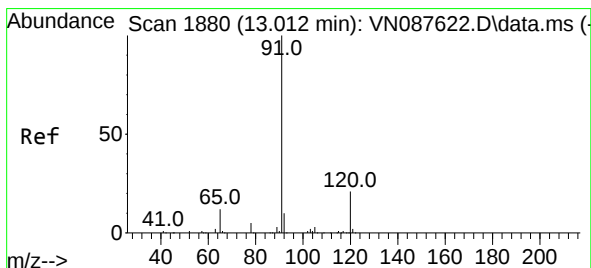
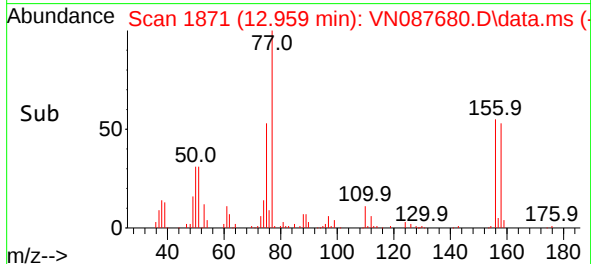
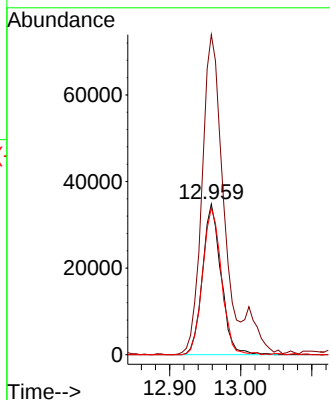
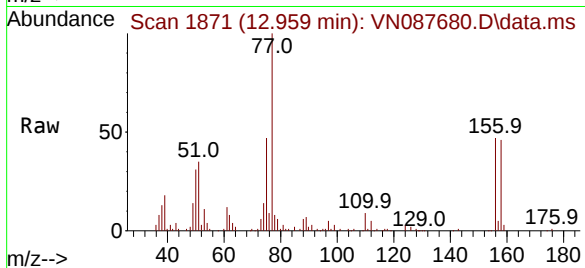
Tgt Ion:156 Resp: 63384

Ion Ratio Lower Upper

156 100

77 238.4 119.3 358.0

158 98.8 48.2 144.6



#78

n-propylbenzene

Concen: 18.340 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087680.D

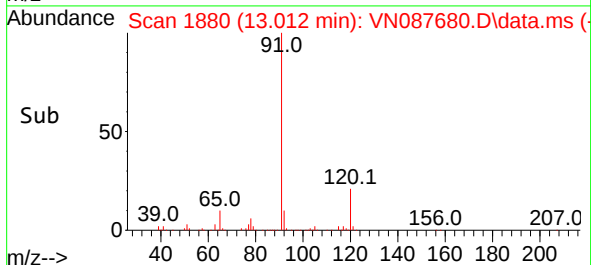
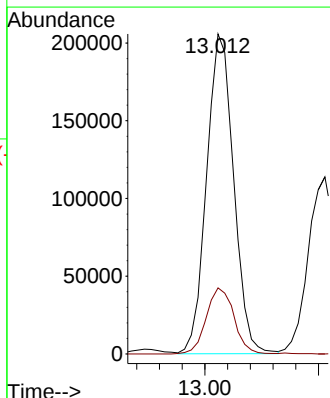
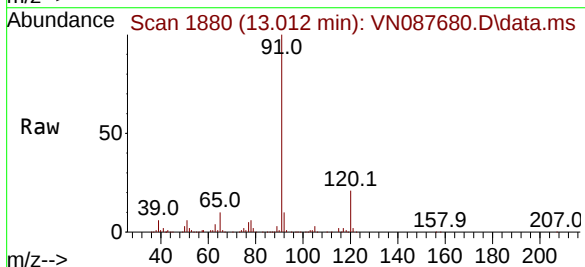
Acq: 28 Aug 2025 13:24

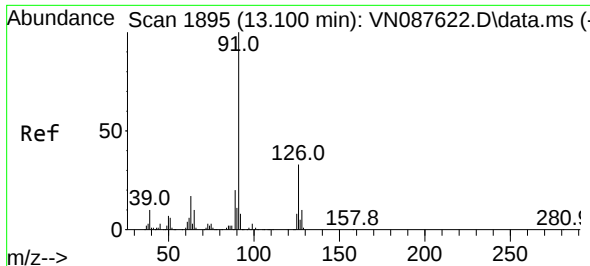
Tgt Ion: 91 Resp: 340179

Ion Ratio Lower Upper

91 100

120 21.1 10.7 32.1

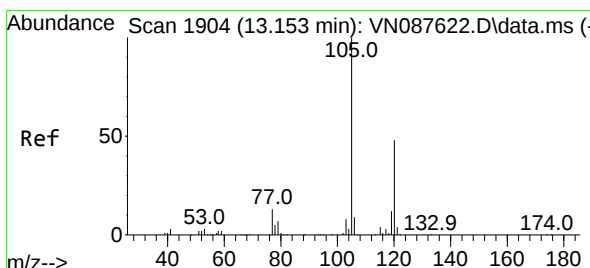
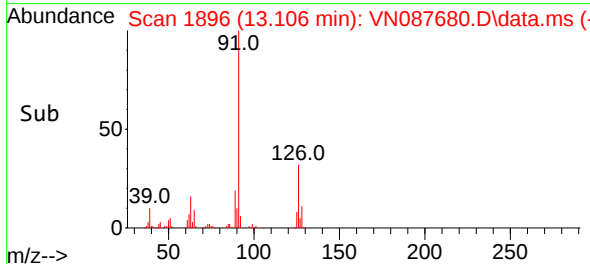
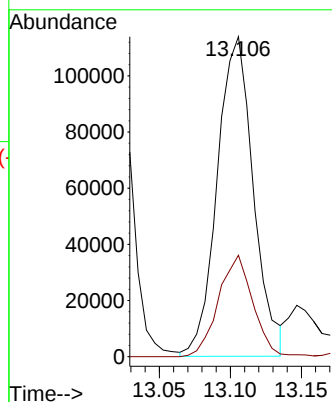
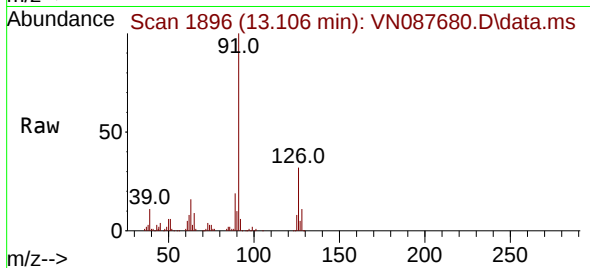




#79
2-Chlorotoluene
Concen: 18.070 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

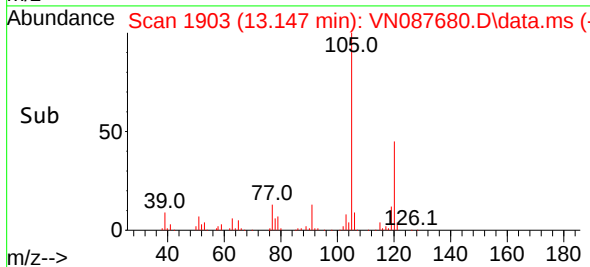
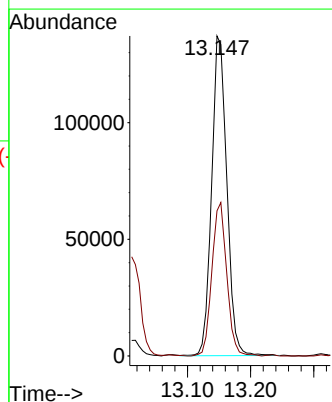
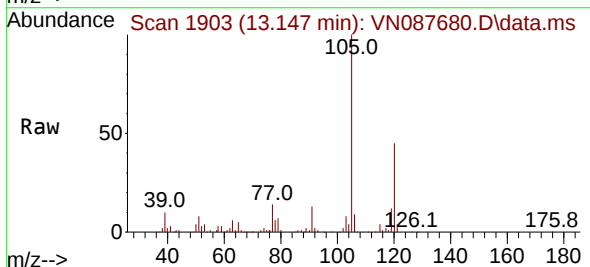
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

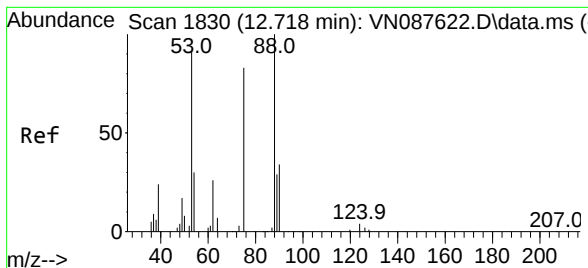
Tgt Ion: 91 Resp: 201697
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 17.886 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 105 Resp: 228483
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6

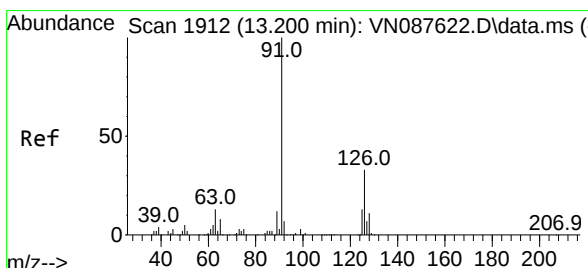
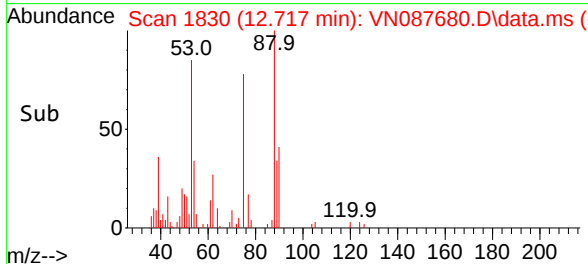
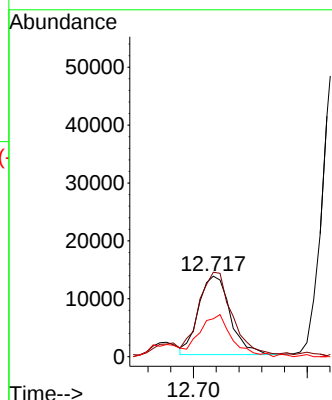
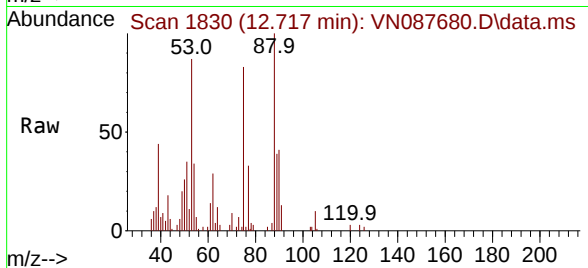




#81
 trans-1,4-Dichloro-2-butene
 Concen: 15.920 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

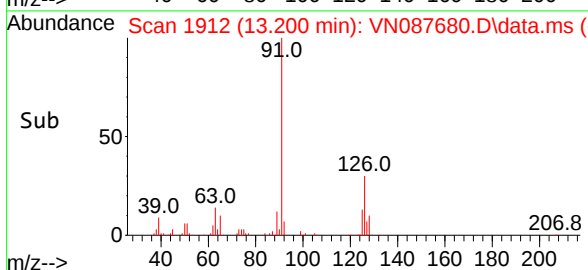
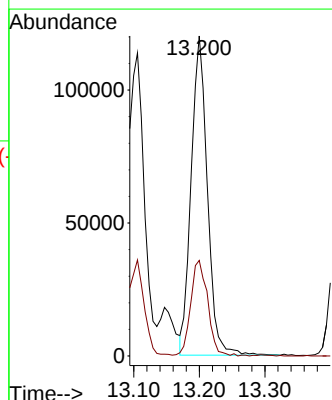
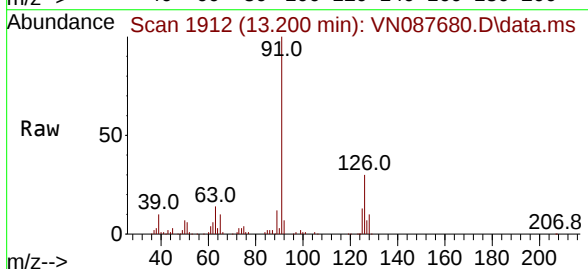
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

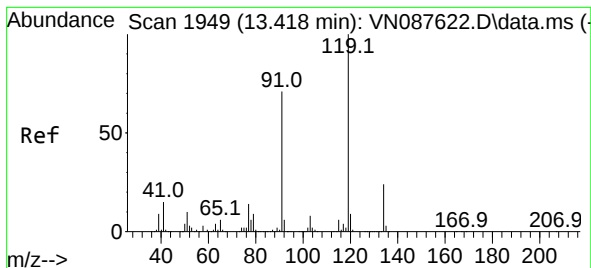
Tgt Ion: 75 Resp: 26280
 Ion Ratio Lower Upper
 75 100
 53 130.5 101.8 152.6
 89 53.0 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 17.558 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion: 91 Resp: 206057
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 17.750 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

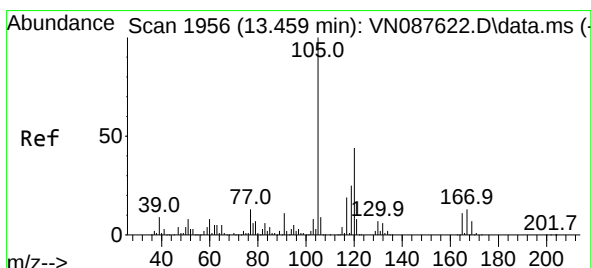
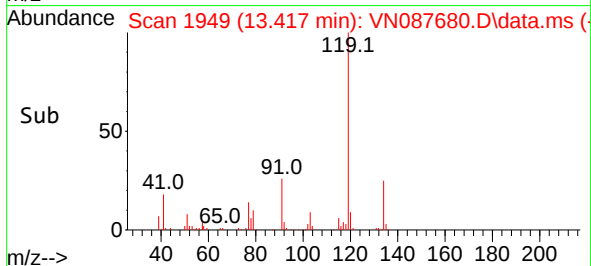
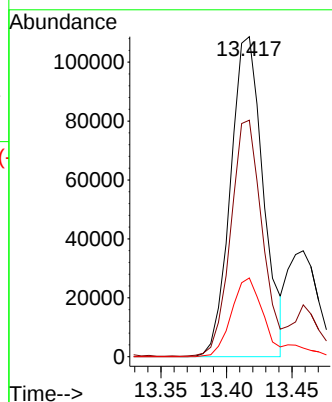
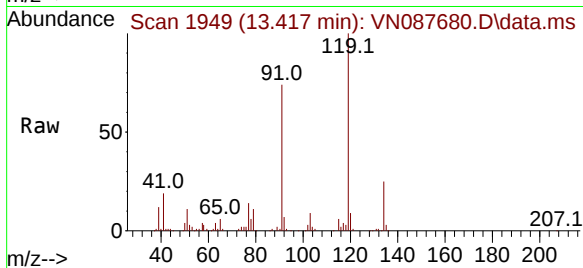
Tgt Ion:119 Resp: 188957

Ion Ratio Lower Upper

119 100

91 72.7 35.0 105.0

134 26.4 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 17.791 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087680.D

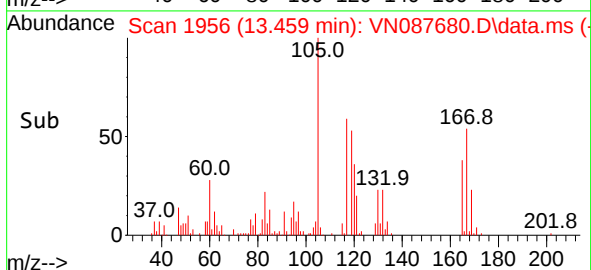
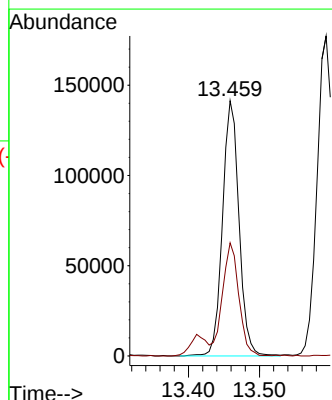
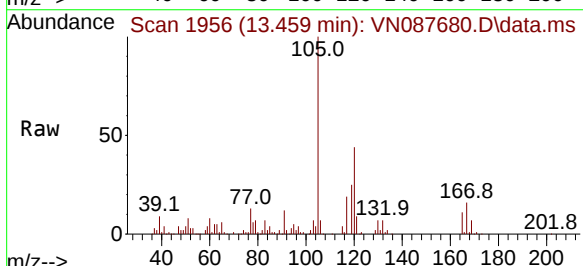
Acq: 28 Aug 2025 13:24

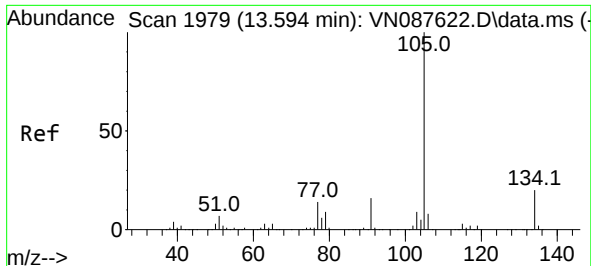
Tgt Ion:105 Resp: 227517

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

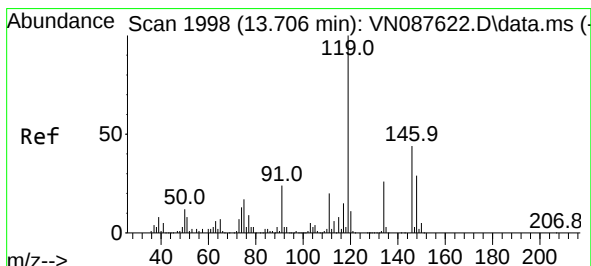
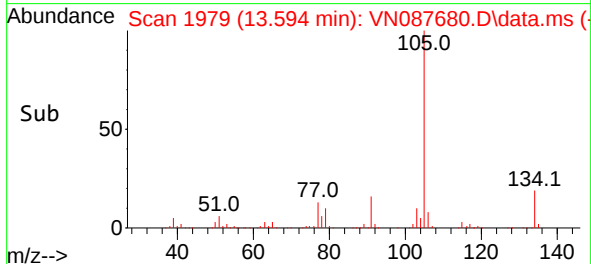
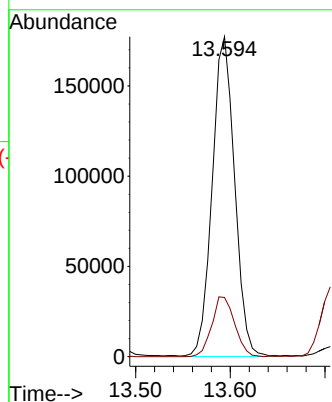
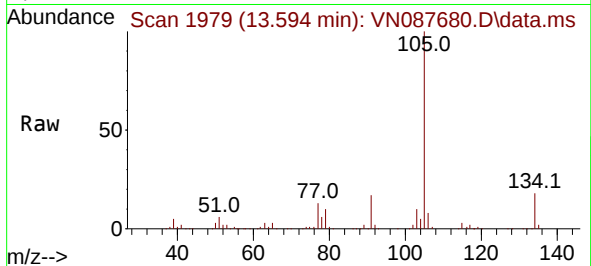




#85
 sec-Butylbenzene
 Concen: 18.452 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

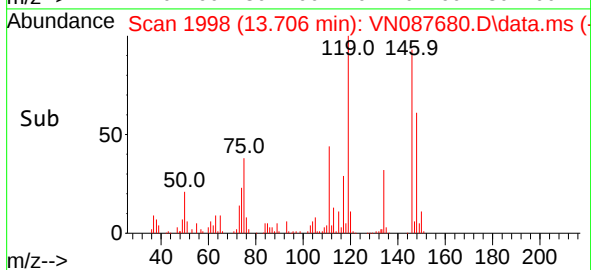
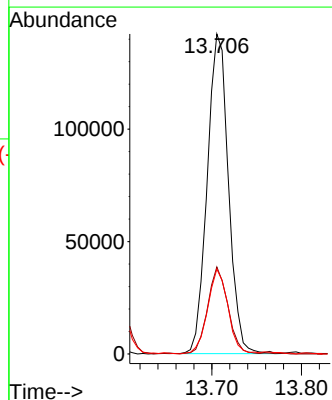
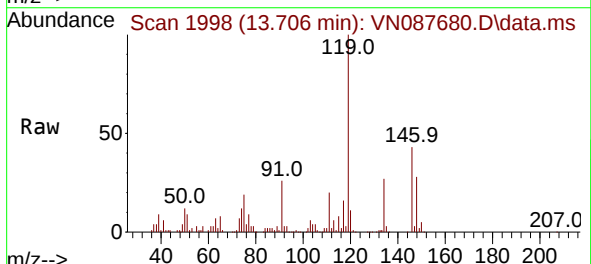
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

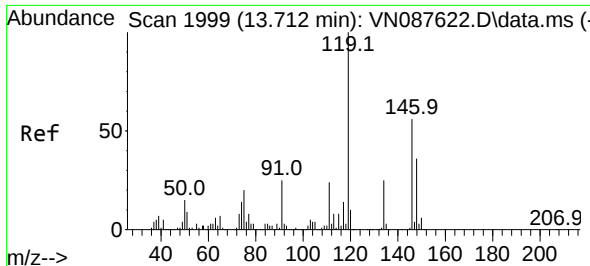
Tgt Ion:105 Resp: 291493
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 17.898 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087680.D
 Acq: 28 Aug 2025 13:24

Tgt Ion:119 Resp: 233475
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 25.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 17.914 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

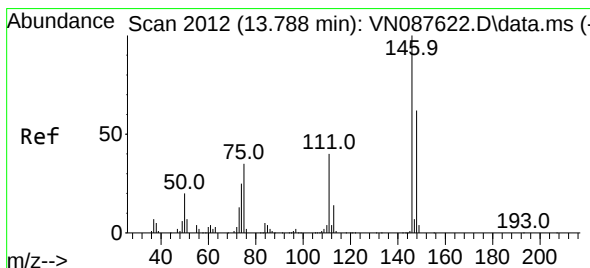
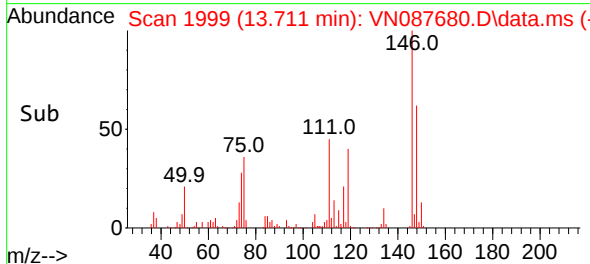
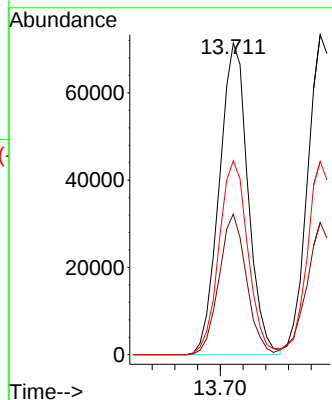
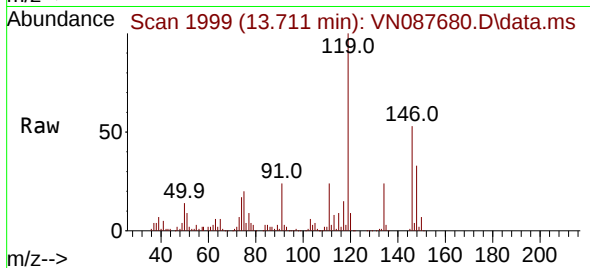
Tgt Ion:146 Resp: 125252

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.5

148 62.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 17.605 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

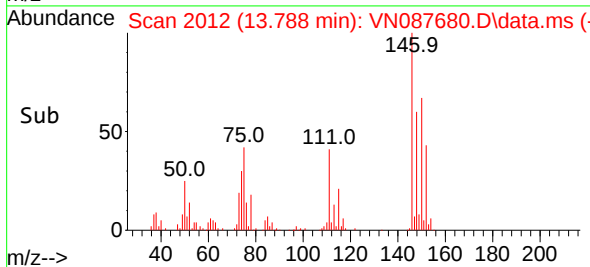
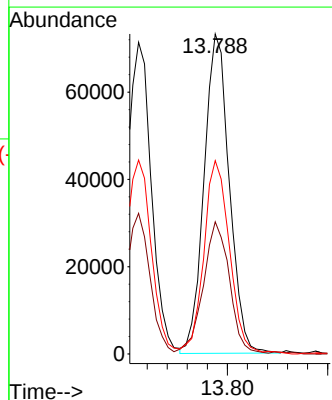
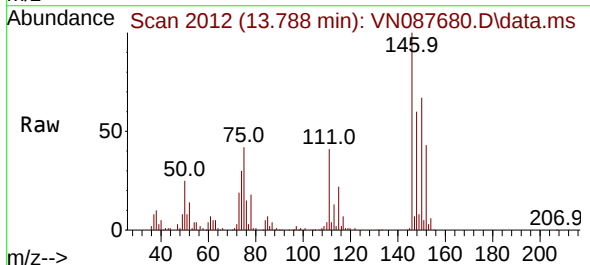
Tgt Ion:146 Resp: 128102

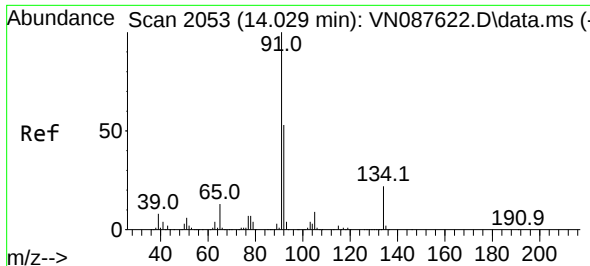
Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

148 61.7 32.0 96.0

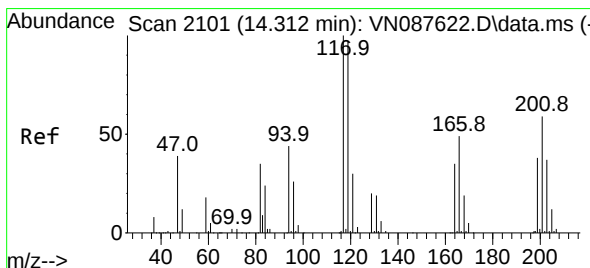
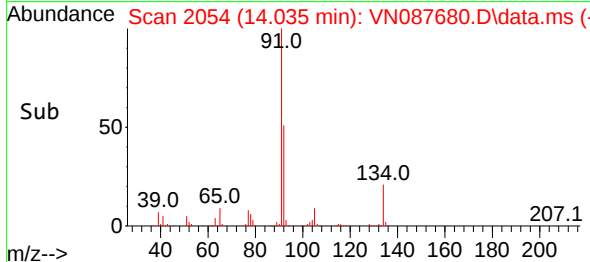
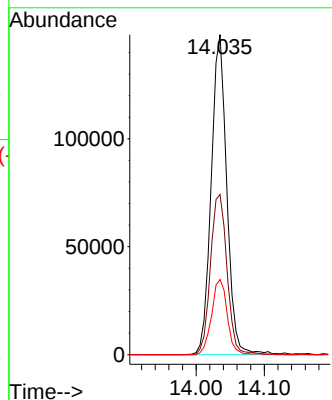
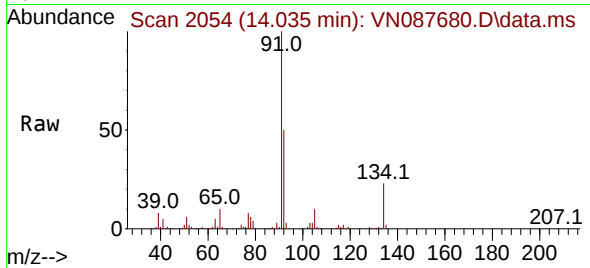




#89
n-Butylbenzene
Concen: 18.218 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

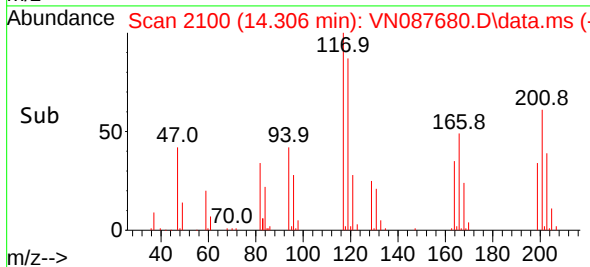
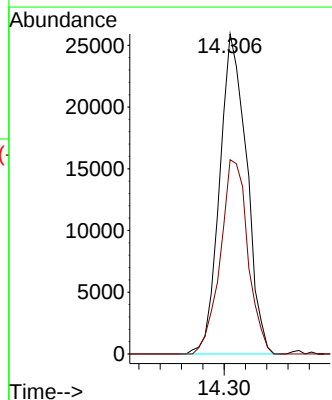
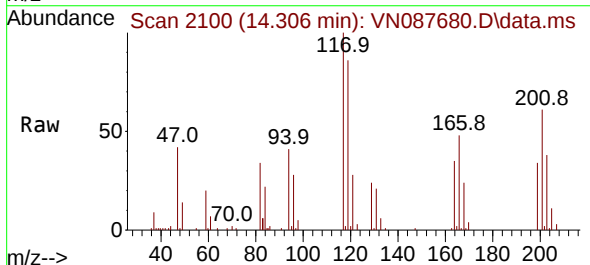
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

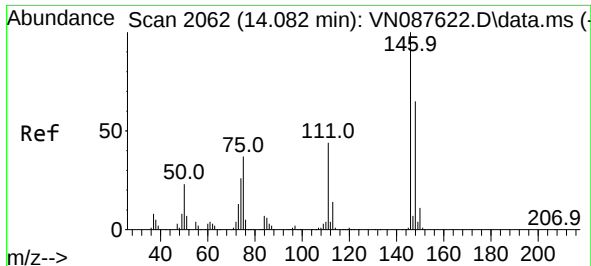
Tgt Ion: 91 Resp: 236014
Ion Ratio Lower Upper
91 100
92 53.2 25.9 77.8
134 23.7 11.7 35.0



#90
Hexachloroethane
Concen: 18.282 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 117 Resp: 45435
Ion Ratio Lower Upper
117 100
201 62.0 29.1 87.4

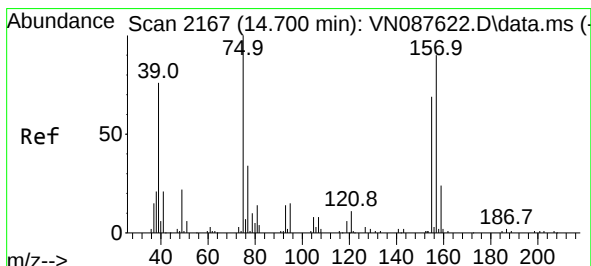
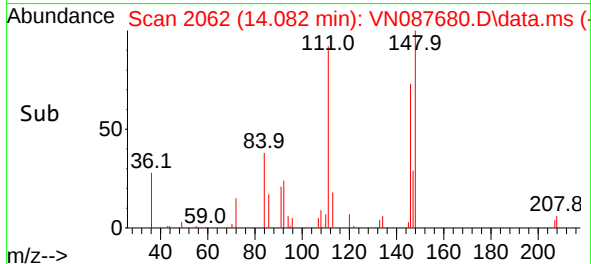
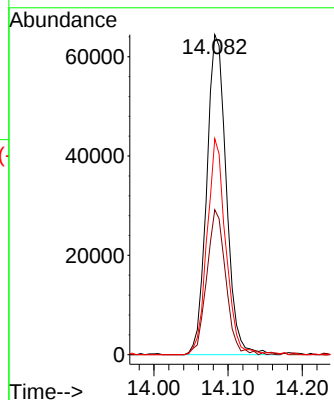
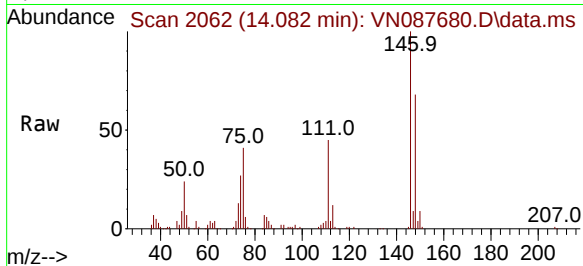




#91
1,2-Dichlorobenzene
Concen: 17.853 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

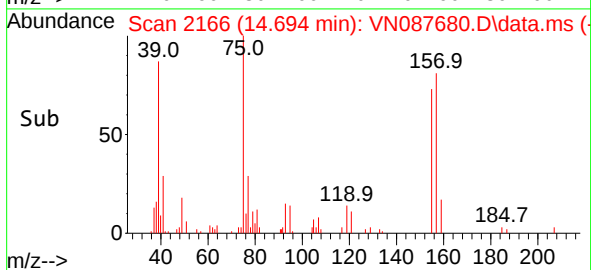
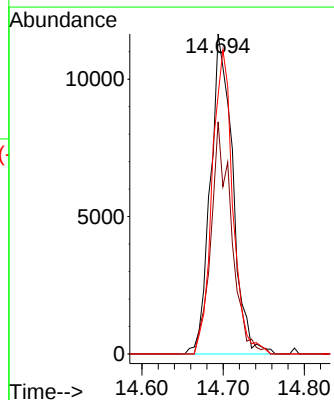
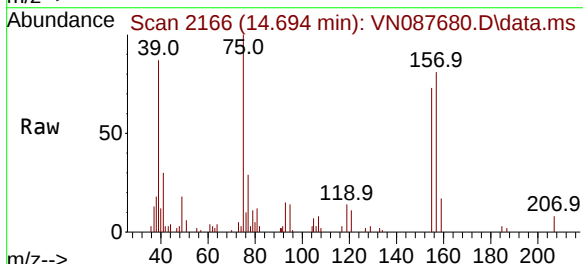
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

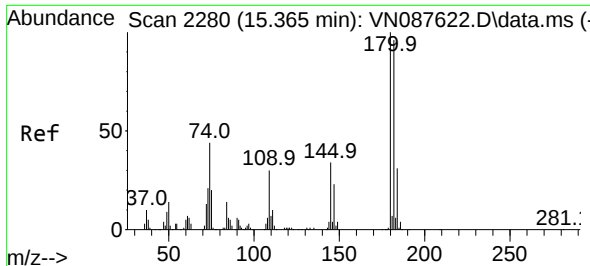
Tgt Ion:146 Resp: 118425
Ion Ratio Lower Upper
146 100
111 44.0 22.6 67.8
148 64.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.974 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion: 75 Resp: 22137
Ion Ratio Lower Upper
75 100
155 66.9 36.6 109.9
157 88.7 45.6 136.9

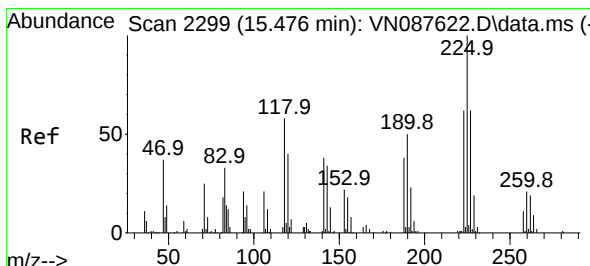
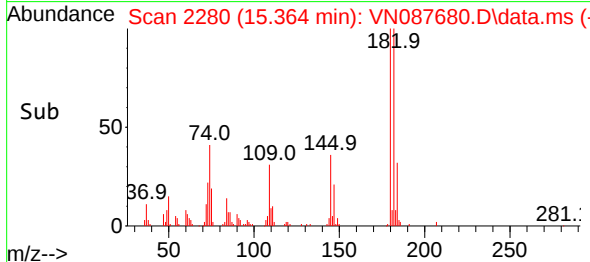
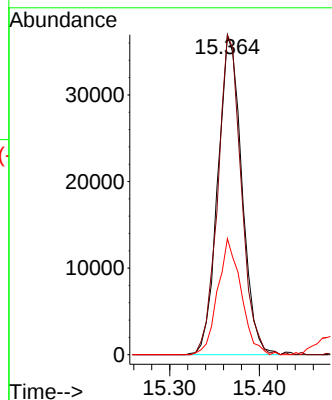
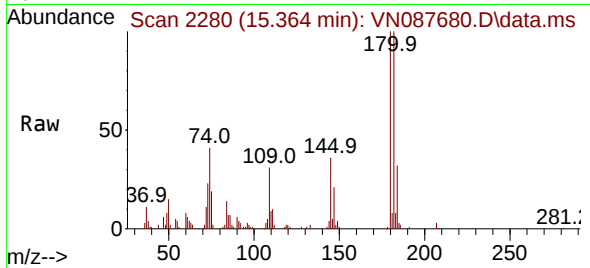




#93
1,2,4-Trichlorobenzene
Concen: 17.203 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

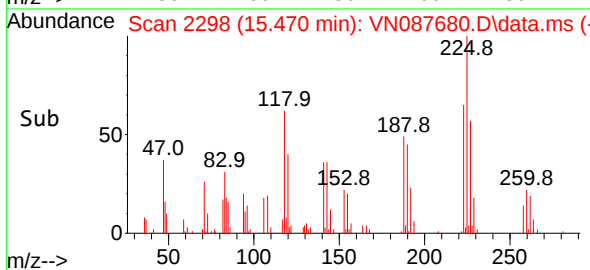
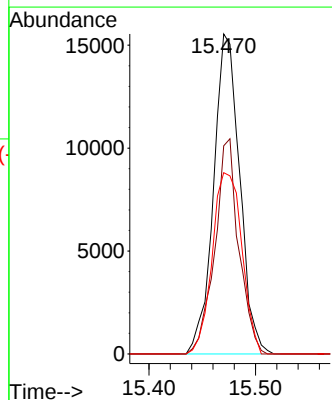
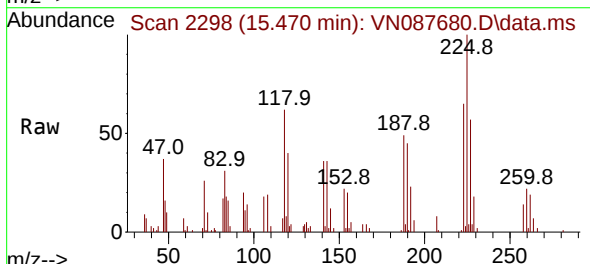
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

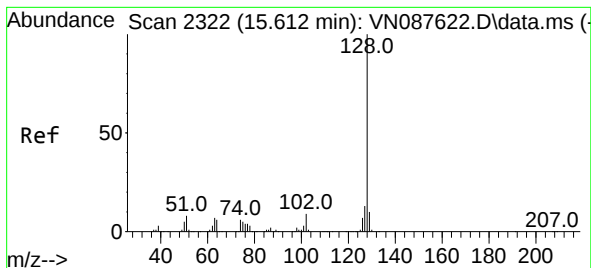
Tgt Ion:180 Resp: 68524
Ion Ratio Lower Upper
180 100
182 97.4 47.6 142.9
145 35.4 16.5 49.5



#94
Hexachlorobutadiene
Concen: 18.634 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087680.D
Acq: 28 Aug 2025 13:24

Tgt Ion:225 Resp: 26462
Ion Ratio Lower Upper
225 100
223 61.8 32.0 96.2
227 64.2 32.1 96.5





#95

Naphthalene

Concen: 16.854 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0828MBS01

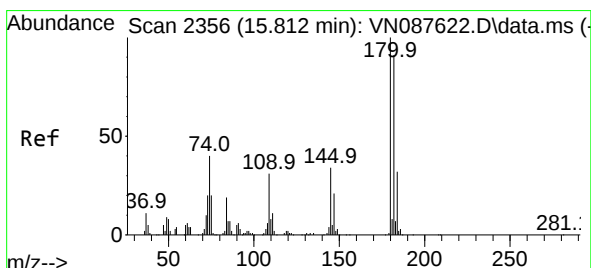
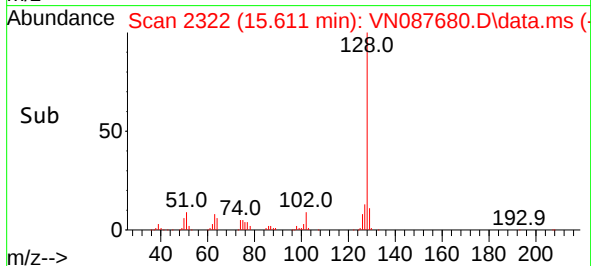
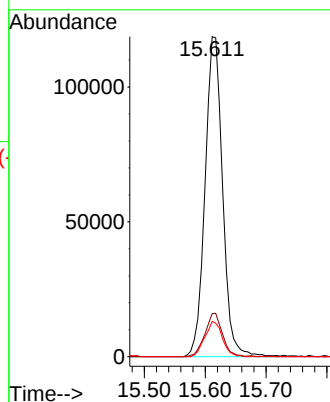
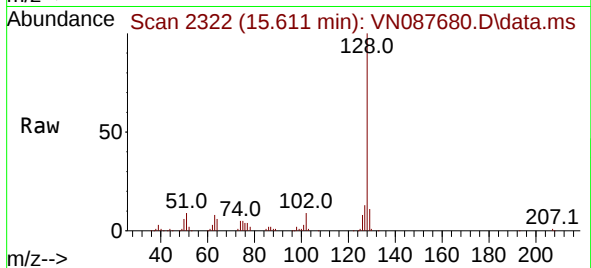
Tgt Ion:128 Resp: 237793

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.436 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087680.D

Acq: 28 Aug 2025 13:24

Tgt Ion:180 Resp: 67896

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.3

145 35.1 17.3 52.0

